

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091923\
 Data File : VX037817.D
 Acq On : 19 Sep 2023 19:56
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/20/2023
 Supervised By : Mahesh Dadoda 09/20/2023

Quant Time: Sep 20 01:09:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091523W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 16 04:55:44 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.556	168	255614	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	418504	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	400902	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	229671	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	167301	49.816	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	99.640%		
35) Dibromofluoromethane	5.391	113	146510	52.321	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	104.640%		
50) Toluene-d8	8.653	98	544153	52.299	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	104.600%		
62) 4-Bromofluorobenzene	11.079	95	209056	55.294	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	110.580%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	119369	44.305	ug/l	99
3) Chloromethane	1.301	50	129595	44.208	ug/l	98
4) Vinyl Chloride	1.374	62	143710	45.441	ug/l	98
5) Bromomethane	1.599	94	129620	57.251	ug/l	100
6) Chloroethane	1.685	64	95448	43.810	ug/l	97
7) Trichlorofluoromethane	1.886	101	238588	46.926	ug/l	97
8) Diethyl Ether	2.136	74	90185	45.783	ug/l	80
9) 1,1,2-Trichlorotrifluo...	2.331	101	117237	45.435	ug/l	94
10) Methyl Iodide	2.453	142	160808	47.093	ug/l	91
11) Tert butyl alcohol	2.959	59	161645	224.237	ug/l	# 93
12) 1,1-Dichloroethene	2.319	96	119980	48.113	ug/l	84
13) Acrolein	2.233	56	180470	253.415	ug/l	98
14) Allyl chloride	2.666	41	184116	44.329	ug/l	# 95
15) Acrylonitrile	3.062	53	356523	222.444	ug/l	99
16) Acetone	2.380	43	287945	178.229	ug/l	# 88
17) Carbon Disulfide	2.514	76	281070	44.955	ug/l	100
18) Methyl Acetate	2.703	43	256657	44.038	ug/l	92
19) Methyl tert-butyl Ether	3.117	73	430060	46.881	ug/l	98
20) Methylene Chloride	2.788	84	144154	48.261	ug/l	88
21) trans-1,2-Dichloroethene	3.093	96	133743	48.299	ug/l	92
22) Diisopropyl ether	3.763	45	406306	46.964	ug/l	# 86
23) Vinyl Acetate	3.721	43	1493214	234.651	ug/l	# 94
24) 1,1-Dichloroethane	3.611	63	240063	46.306	ug/l	98
25) 2-Butanone	4.556	43	465032	203.974	ug/l	# 89
26) 2,2-Dichloropropane	4.477	77	149172	35.610	ug/l	92
27) cis-1,2-Dichloroethene	4.489	96	160760	47.355	ug/l	87
28) Bromochloromethane	4.897	49	110036	45.497	ug/l	# 80
29) Tetrahydrofuran	5.007	42	305418	215.369	ug/l	88
30) Chloroform	5.099	83	263377	47.160	ug/l	98
31) Cyclohexane	5.471	56	199759	46.343	ug/l	92
32) 1,1,1-Trichloroethane	5.385	97	230198	48.681	ug/l	97
36) 1,1-Dichloropropene	5.696	75	186055	48.232	ug/l	96
37) Ethyl Acetate	4.715	43	192368	45.362	ug/l	97
38) Carbon Tetrachloride	5.678	117	196992	48.808	ug/l	98
39) Methylcyclohexane	7.385	83	226825	46.331	ug/l	92
40) Benzene	6.044	78	562106	47.386	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	99275	45.912	ug/l #	89
42) 1,2-Dichloroethane	6.092	62	200065	46.664	ug/l	96
43) Isopropyl Acetate	6.342	43	314818	46.427	ug/l #	94
44) Trichloroethene	7.129	130	154591	46.797	ug/l	97
45) 1,2-Dichloropropane	7.434	63	146500	47.556	ug/l	98
46) Dibromomethane	7.580	93	107342	48.440	ug/l	92
47) Bromodichloromethane	7.824	83	199173	48.803	ug/l	97
48) Methyl methacrylate	7.696	41	151111	46.617	ug/l #	87
49) 1,4-Dioxane	7.659	88	75018	882.746	ug/l #	89
51) 4-Methyl-2-Pentanone	8.574	43	975995	226.857	ug/l	94
52) Toluene	8.720	92	364682	47.703	ug/l	94
53) t-1,3-Dichloropropene	8.976	75	209984	49.207	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	226067	47.867	ug/l #	87
55) 1,1,2-Trichloroethane	9.153	97	154868	48.048	ug/l	96
56) Ethyl methacrylate	9.116	69	231965	48.207	ug/l	91
57) 1,3-Dichloropropane	9.311	76	247372	47.428	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	543016	241.674	ug/l	98
59) 2-Hexanone	9.433	43	746058	222.722	ug/l	93
60) Dibromochloromethane	9.525	129	162673	50.662	ug/l	99
61) 1,2-Dibromoethane	9.610	107	168243	49.300	ug/l	100
64) Tetrachloroethene	9.275	164	134888	49.336	ug/l	97
65) Chlorobenzene	10.079	112	406335	46.989	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	152014	49.605	ug/l	99
67) Ethyl Benzene	10.195	91	721941	48.153	ug/l	99
68) m/p-Xylenes	10.305	106	566712	97.821	ug/l	96
69) o-Xylene	10.640	106	278100	47.870	ug/l	97
70) Styrene	10.652	104	468031	50.183	ug/l	96
71) Bromoform	10.799	173	124062	51.247	ug/l #	99
73) Isopropylbenzene	10.963	105	732562	43.476	ug/l	99
74) N-amyl acetate	10.841	43	300492	44.035	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	250890	42.337	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	218537m	41.140	ug/l	
77) Bromobenzene	11.195	156	184677	44.281	ug/l	88
78) n-propylbenzene	11.305	91	868064	45.617	ug/l	99
79) 2-Chlorotoluene	11.366	91	513887	43.798	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	634107	44.562	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	67889	40.939	ug/l	89
82) 4-Chlorotoluene	11.457	91	598216	45.287	ug/l	96
83) tert-Butylbenzene	11.713	119	643642	44.755	ug/l	94
84) 1,2,4-Trimethylbenzene	11.750	105	641682	45.324	ug/l	97
85) sec-Butylbenzene	11.890	105	806365	46.216	ug/l	99
86) p-Isopropyltoluene	12.012	119	678395	46.668	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	357559	45.993	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	362382	45.552	ug/l	98
89) n-Butylbenzene	12.335	91	631261	49.571	ug/l	97
90) Hexachloroethane	12.536	117	116297	47.218	ug/l	87
91) 1,2-Dichlorobenzene	12.335	146	360419	45.408	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	51246	43.383	ug/l	75
93) 1,2,4-Trichlorobenzene	13.585	180	237786	50.858	ug/l	97
94) Hexachlorobutadiene	13.725	225	103526	47.415	ug/l	98
95) Naphthalene	13.774	128	752519	47.590	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	231241	48.060	ug/l	98

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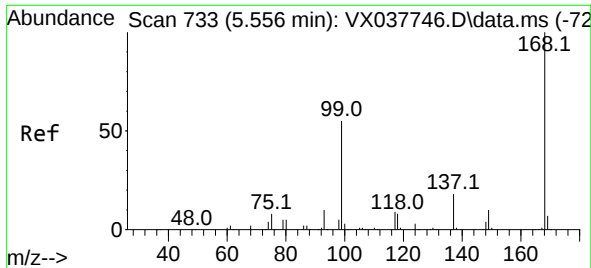
Manual Integrations
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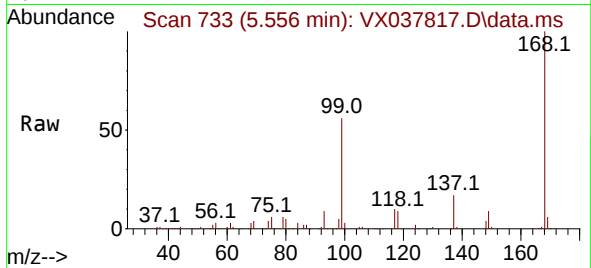
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
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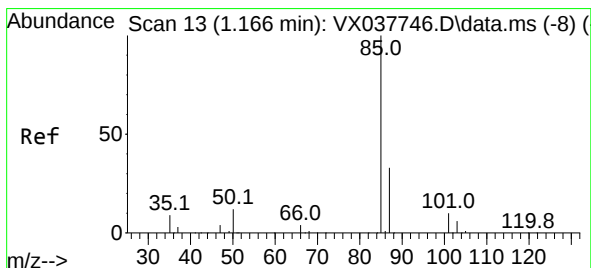
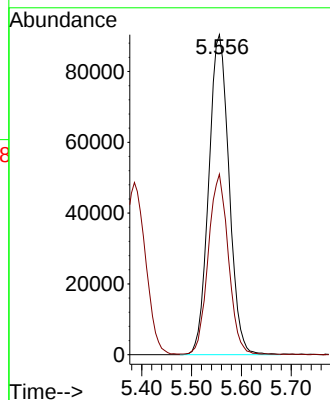
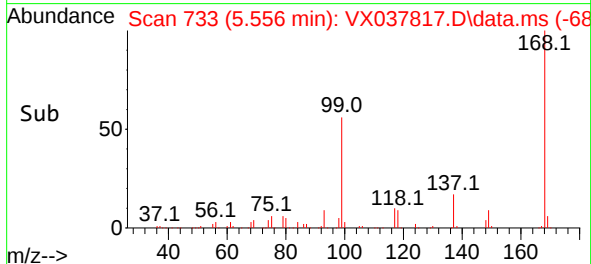
Instrument :
MSVOA_X
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VSTDCCC050EC



Tgt Ion:168 Resp: 255614
Ion Ratio Lower Upper
168 100
99 56.2 56.6 85.0

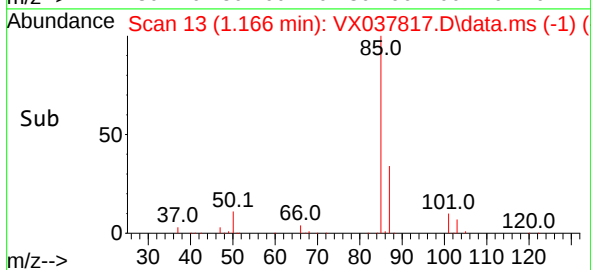
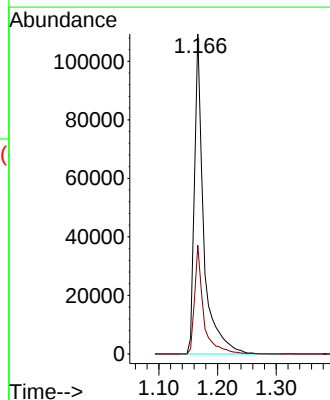
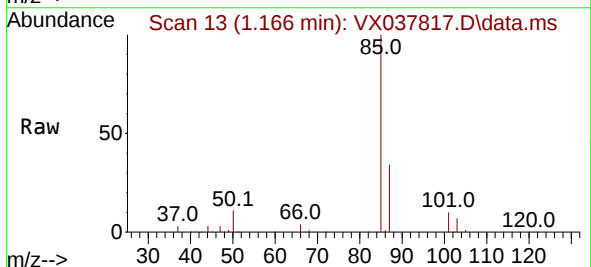
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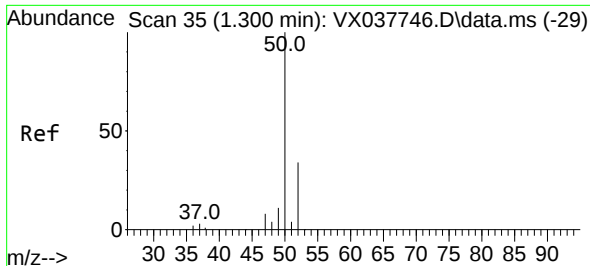
Reviewed By :John Carlone 09/20/2023
Supervised By :Mahesh Dadoda 09/20/2023



#2
Dichlorodifluoromethane
Concen: 44.305 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX037817.D
Acq: 19 Sep 2023 19:56

Tgt Ion: 85 Resp: 119369
Ion Ratio Lower Upper
85 100
87 34.0 16.7 50.1





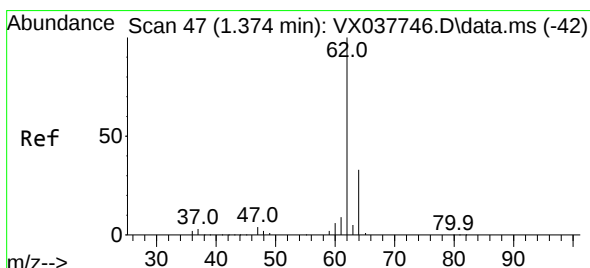
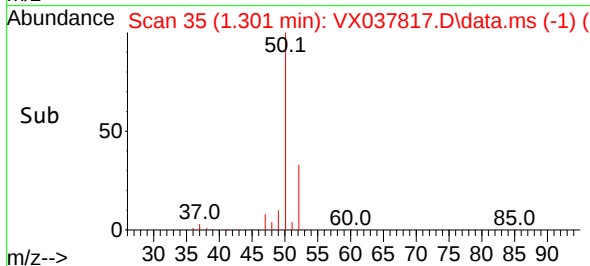
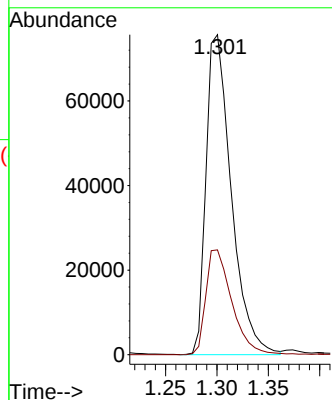
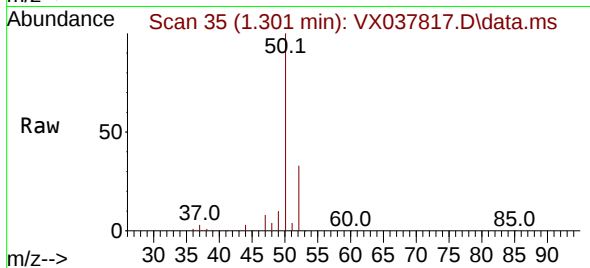
#3
Chloromethane
Concen: 44.208 ug/l
RT: 1.301 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX037817.D
Acq: 19 Sep 2023 19:56

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Tgt Ion: 50 Resp: 12959
Ion Ratio Lower Upper
50 100
52 32.7 25.5 38.3

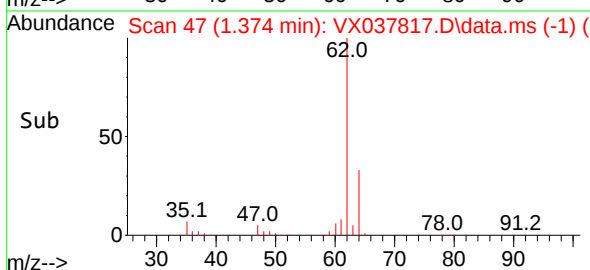
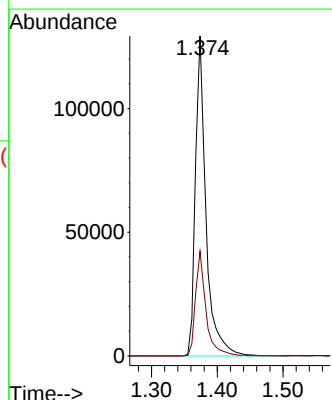
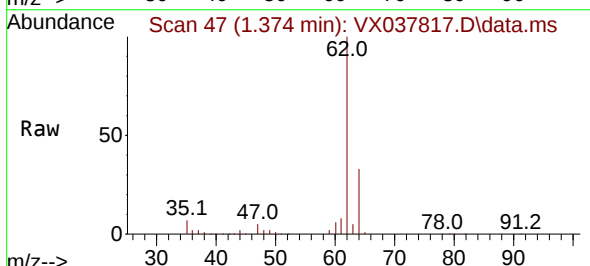
Manual Integrations
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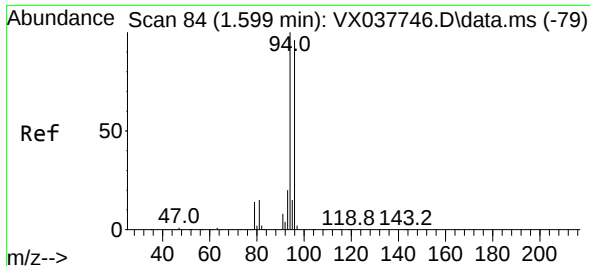
Reviewed By :John Carlone 09/20/2023
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#4
Vinyl Chloride
Concen: 45.441 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX037817.D
Acq: 19 Sep 2023 19:56

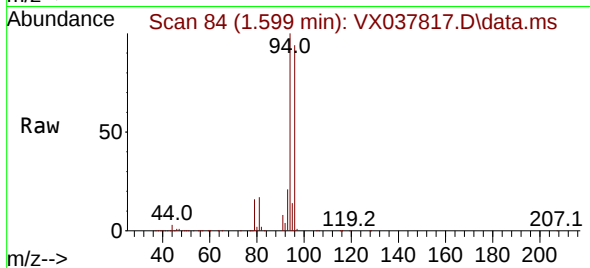
Tgt Ion: 62 Resp: 143710
Ion Ratio Lower Upper
62 100
64 32.7 25.4 38.0





#5
Bromomethane
Concen: 57.251 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX037817.D
Acq: 19 Sep 2023 19:56

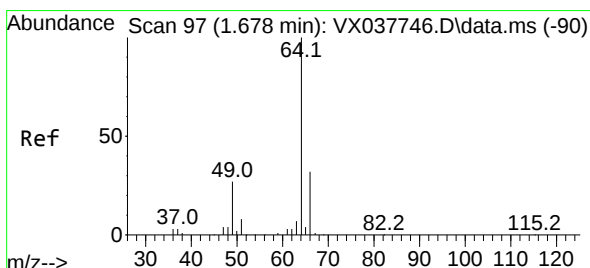
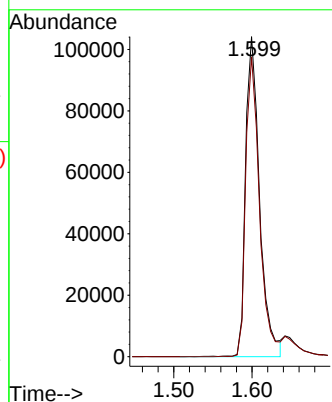
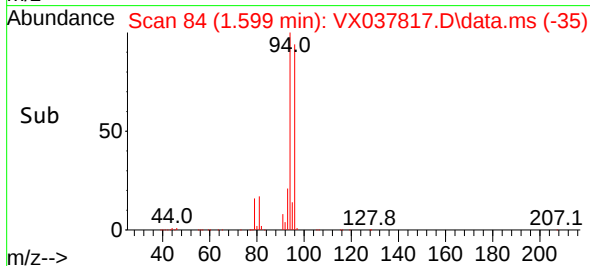
Instrument :
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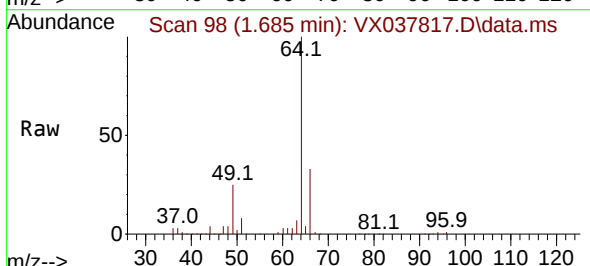
Tgt Ion: 94 Resp: 129620
Ion Ratio Lower Upper
94 100
96 93.7 74.6 111.8

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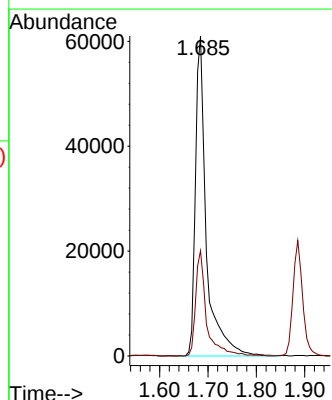
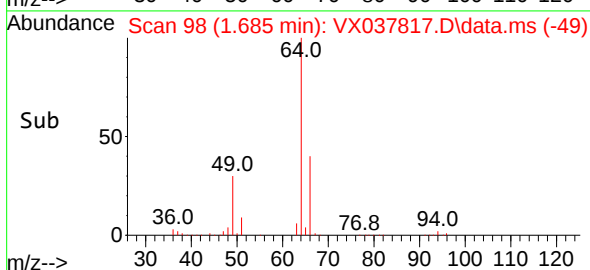
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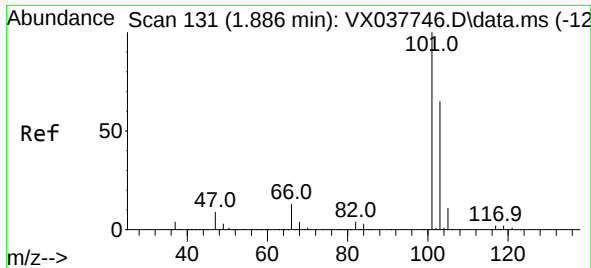


#6
Chloroethane
Concen: 43.810 ug/l
RT: 1.685 min Scan# 98
Delta R.T. -0.000 min
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Acq: 19 Sep 2023 19:56



Tgt Ion: 64 Resp: 95448
Ion Ratio Lower Upper
64 100
66 32.8 25.1 37.7





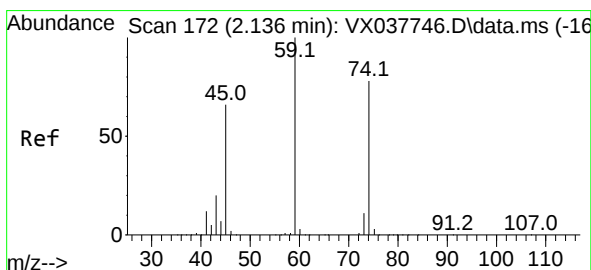
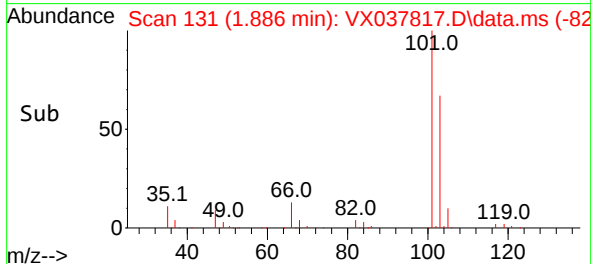
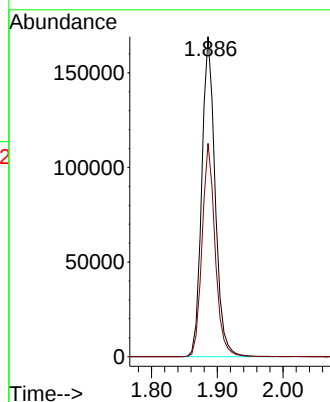
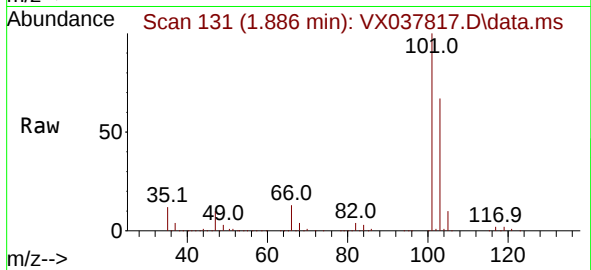
#7
Trichlorofluoromethane
Concen: 46.926 ug/l
RT: 1.886 min Scan# 131
Delta R.T. -0.000 min
Lab File: VX037817.D
Acq: 19 Sep 2023 19:56

Instrument :
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ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 23858
Ion Ratio Lower Upper
101 100
103 66.6 51.4 77.2

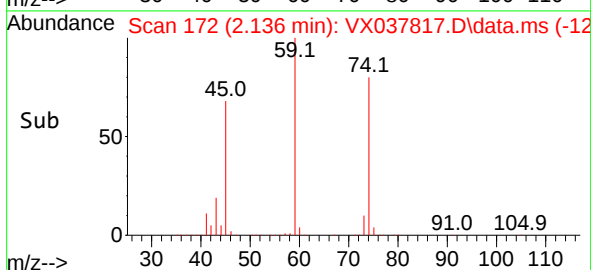
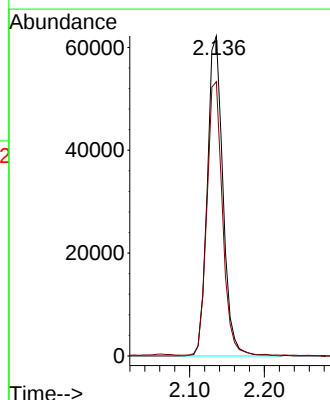
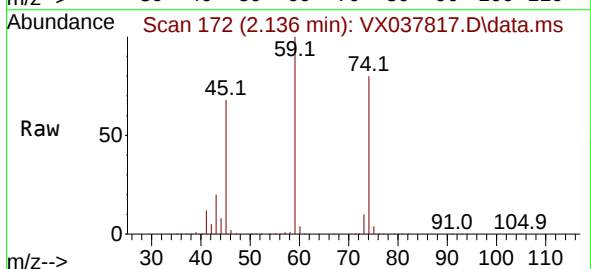
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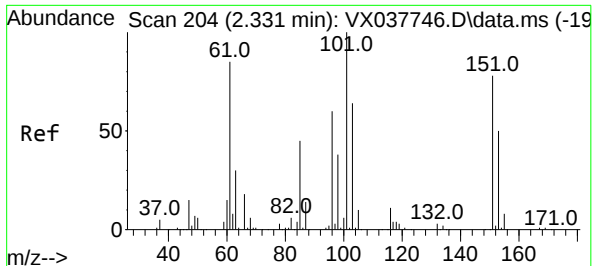
Reviewed By :John Carlone 09/20/2023
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#8
Diethyl Ether
Concen: 45.783 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.006 min
Lab File: VX037817.D
Acq: 19 Sep 2023 19:56

Tgt Ion: 74 Resp: 90185
Ion Ratio Lower Upper
74 100
45 85.8 53.3 159.8





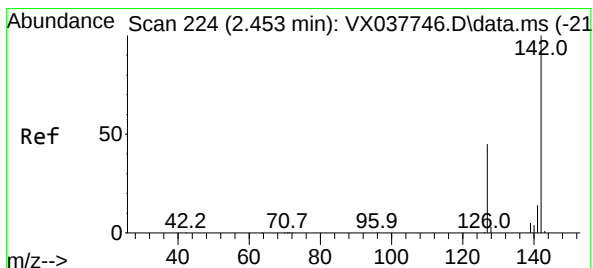
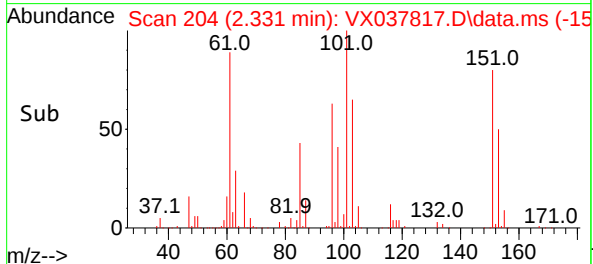
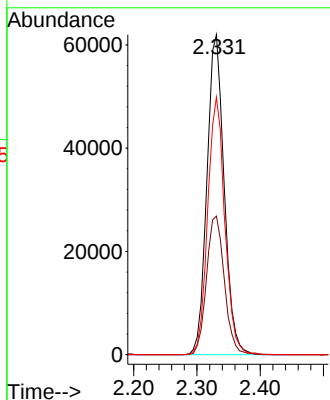
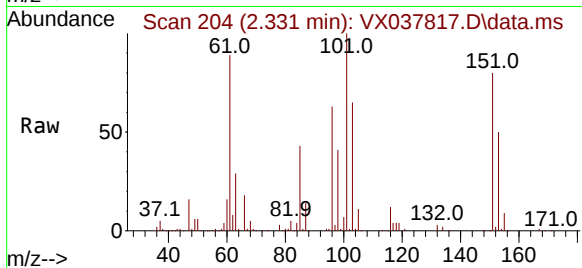
#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.435 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX037817.D
Acq: 19 Sep 2023 19:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 11723
Ion Ratio Lower Upper
101 100
85 44.9 37.0 55.6
151 79.8 58.6 87.8

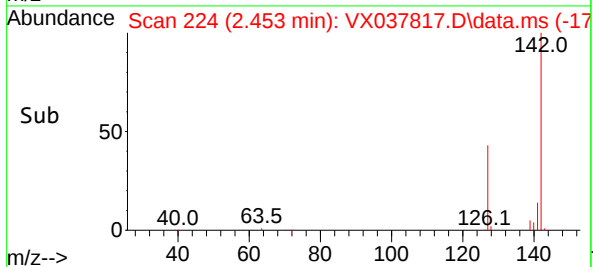
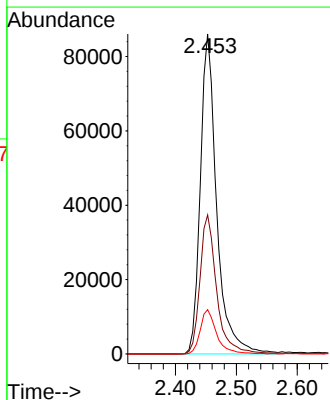
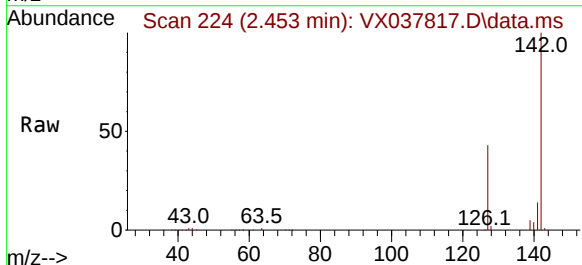
Manual Integrations
APPROVED

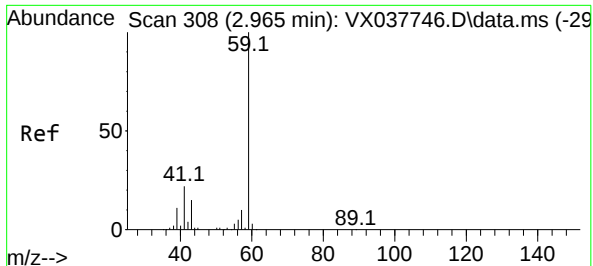
Reviewed By :John Carlone 09/20/2023
Supervised By :Mahesh Dadoda 09/20/2023



#10
Methyl Iodide
Concen: 47.093 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX037817.D
Acq: 19 Sep 2023 19:56

Tgt Ion:142 Resp: 160808
Ion Ratio Lower Upper
142 100
127 44.4 41.6 62.4
141 13.9 11.6 17.4





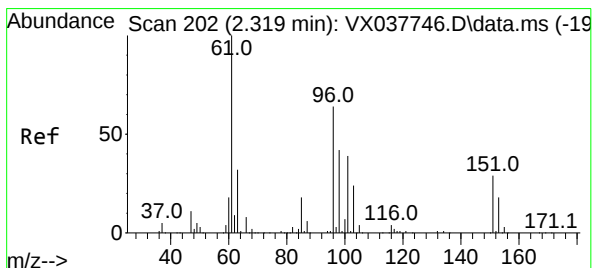
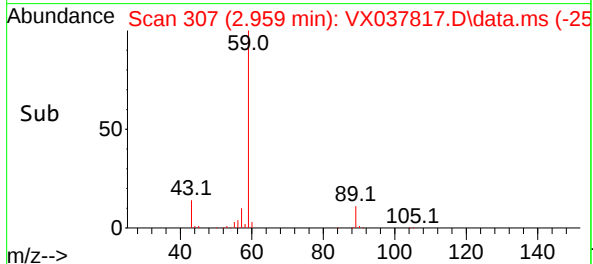
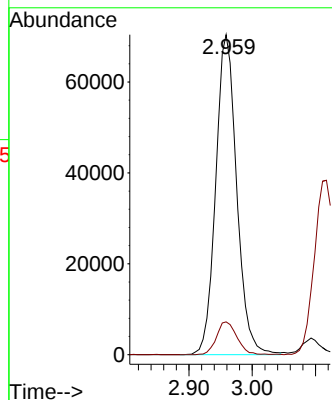
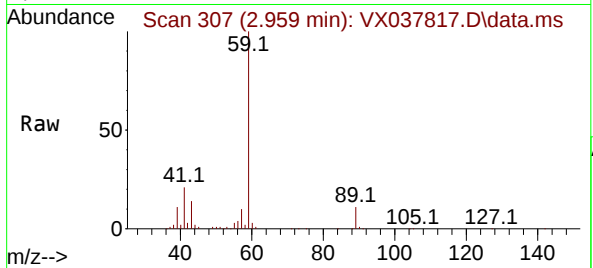
#11
Tert butyl alcohol
Concen: 224.237 ug/l
RT: 2.959 min Scan# 308
Delta R.T. -0.006 min
Lab File: VX037817.D
Acq: 19 Sep 2023 19:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 161645
Ion Ratio Lower Upper
59 100
57 10.1 6.0 9.0

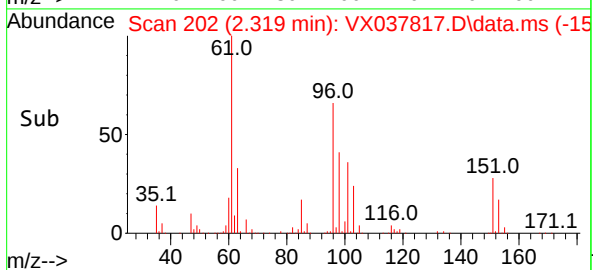
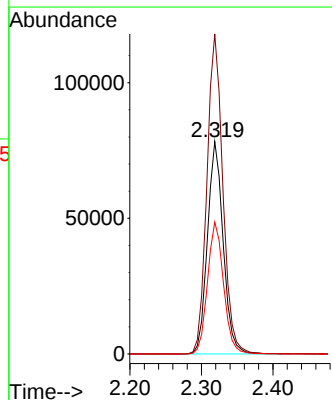
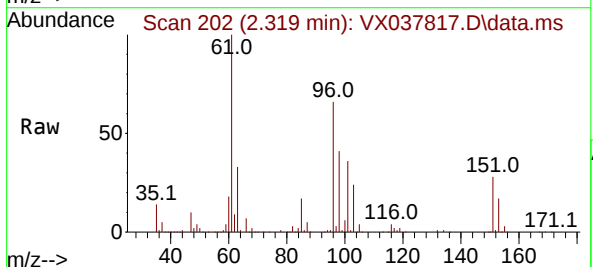
Manual Integrations
APPROVED

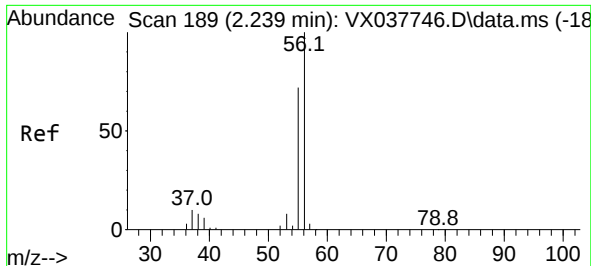
Reviewed By :John Carlone 09/20/2023
Supervised By :Mahesh Dadoda 09/20/2023



#12
1,1-Dichloroethene
Concen: 48.113 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.006 min
Lab File: VX037817.D
Acq: 19 Sep 2023 19:56

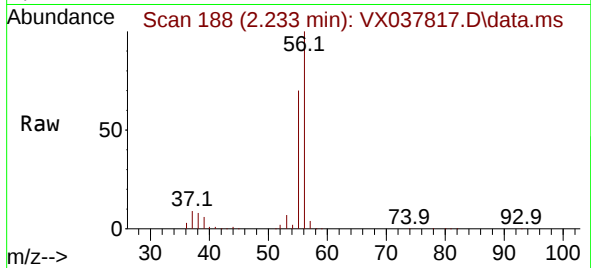
Tgt Ion: 96 Resp: 119980
Ion Ratio Lower Upper
96 100
61 150.6 144.6 216.8
98 62.1 50.4 75.6





#13
Acrolein
Concen: 253.415 ug/l
RT: 2.233 min Scan# 189
Delta R.T. -0.006 min
Lab File: VX037817.D
Acq: 19 Sep 2023 19:56

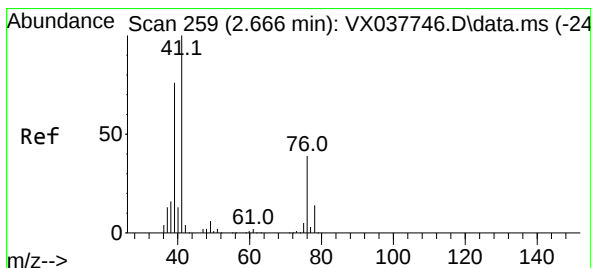
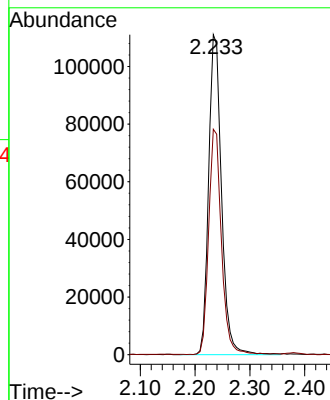
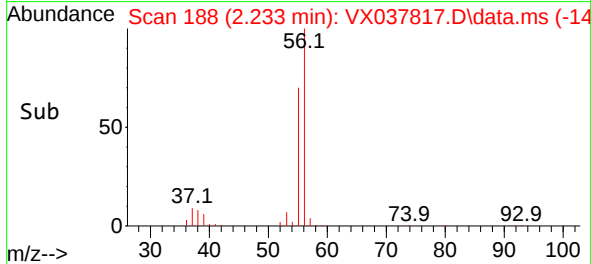
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 180470
Ion Ratio Lower Upper
56 100
55 69.8 57.1 85.7

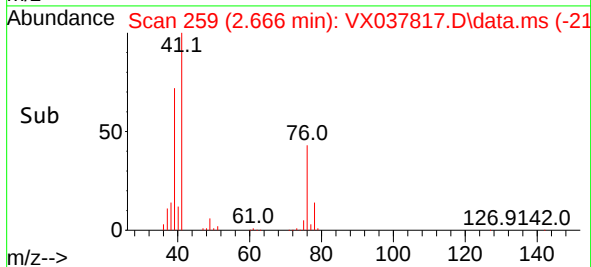
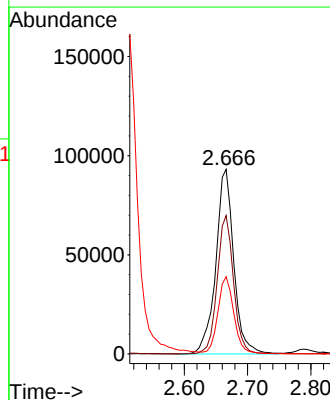
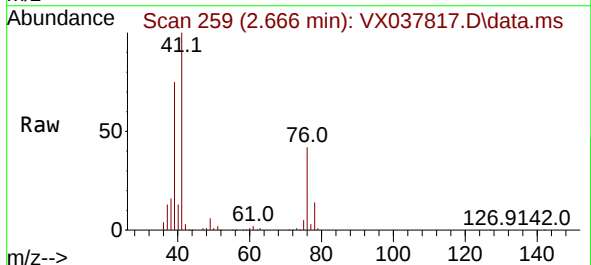
Manual Integrations
APPROVED

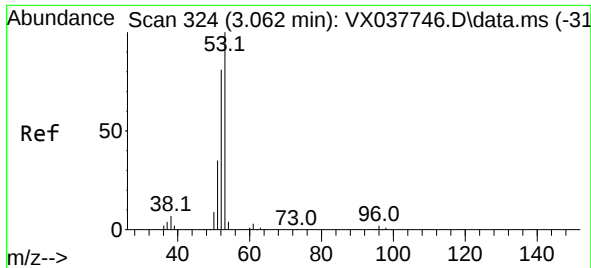
Reviewed By :John Carlone 09/20/2023
Supervised By :Mahesh Dadoda 09/20/2023



#14
Allyl chloride
Concen: 44.329 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX037817.D
Acq: 19 Sep 2023 19:56

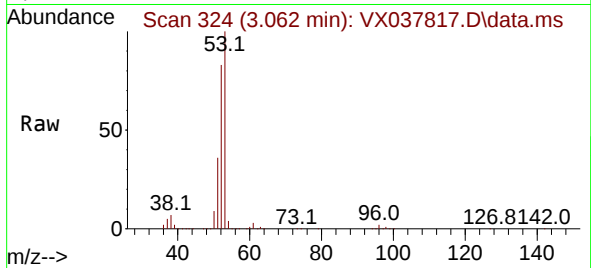
Tgt Ion: 41 Resp: 184116
Ion Ratio Lower Upper
41 100
39 67.9 55.8 83.6
76 36.9 24.3 36.5





#15
Acrylonitrile
Concen: 222.444 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX037817.D
Acq: 19 Sep 2023 19:56

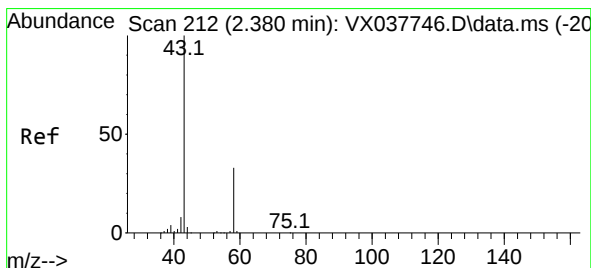
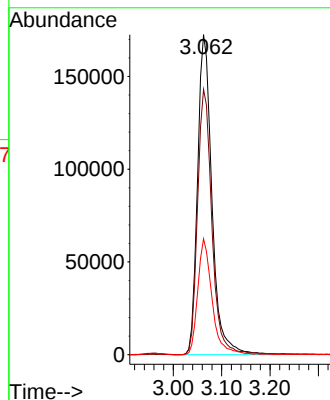
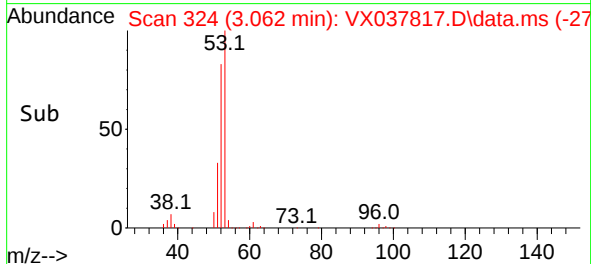
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 35652
Ion Ratio Lower Upper
53 100
52 82.8 66.0 99.0
51 36.1 29.8 44.6

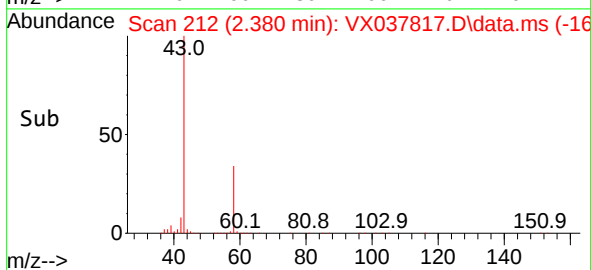
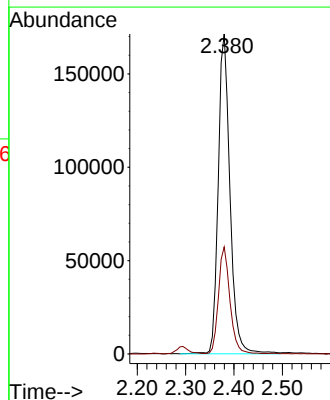
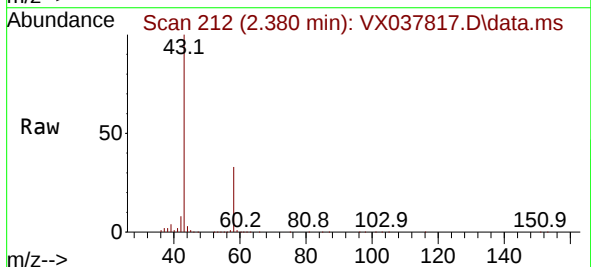
Manual Integrations
APPROVED

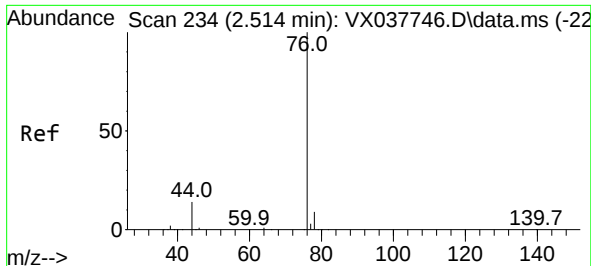
Reviewed By :John Carlone 09/20/2023
Supervised By :Mahesh Dadoda 09/20/2023



#16
Acetone
Concen: 178.229 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX037817.D
Acq: 19 Sep 2023 19:56

Tgt Ion: 43 Resp: 287945
Ion Ratio Lower Upper
43 100
58 33.4 21.9 32.9





#17

Carbon Disulfide

Concen: 44.955 ug/l

RT: 2.514 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX037817.D

Acq: 19 Sep 2023 19:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 281070

Ion Ratio Lower Upper

76 100

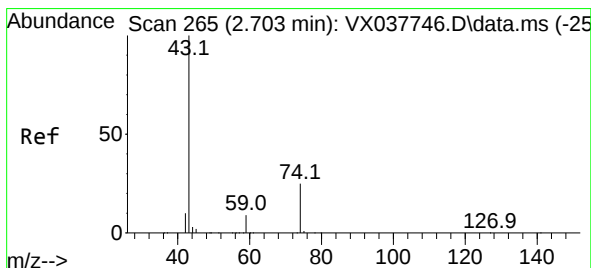
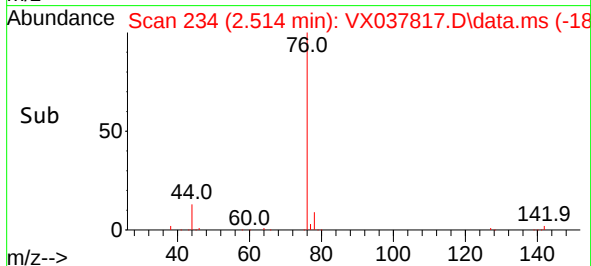
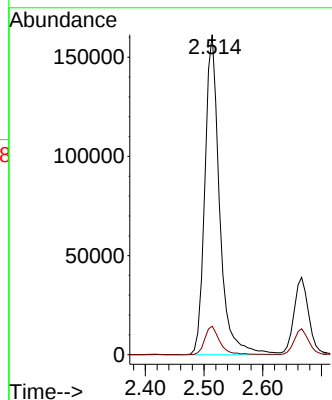
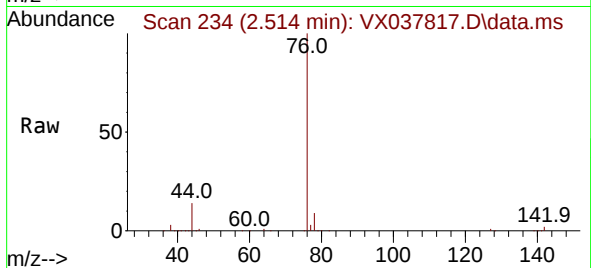
78 8.9 7.0 10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/20/2023

Supervised By :Mahesh Dadoda 09/20/2023



#18

Methyl Acetate

Concen: 44.038 ug/l

RT: 2.703 min Scan# 265

Delta R.T. -0.000 min

Lab File: VX037817.D

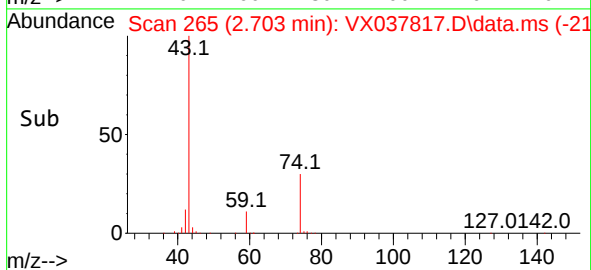
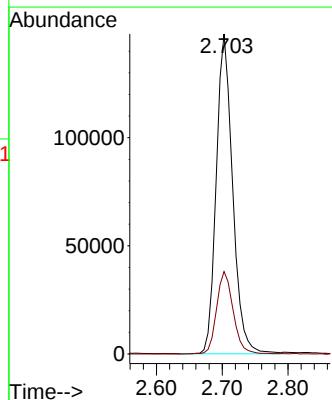
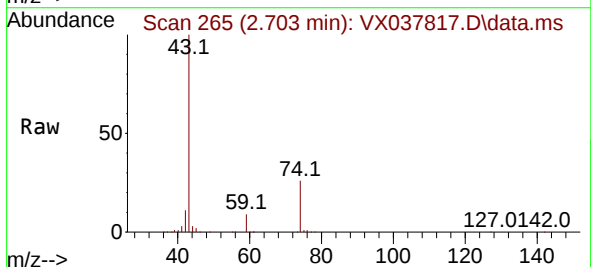
Acq: 19 Sep 2023 19:56

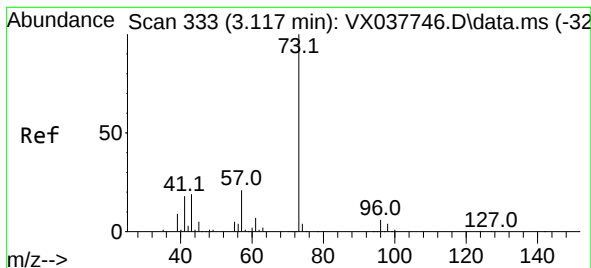
Tgt Ion: 43 Resp: 256657

Ion Ratio Lower Upper

43 100

74 26.2 17.8 26.8





#19

Methyl tert-butyl Ether

Concen: 46.881 ug/l

RT: 3.117 min Scan# 311

Delta R.T. -0.006 min

Lab File: VX037817.D

Acq: 19 Sep 2023 19:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 73 Resp: 430060

Ion Ratio Lower Upper

73 100

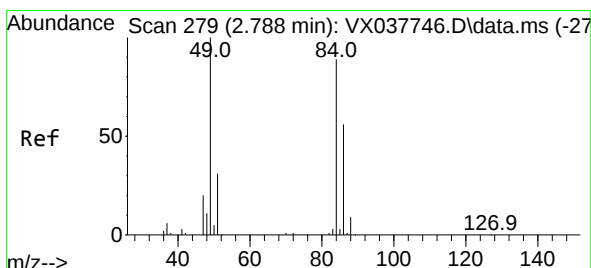
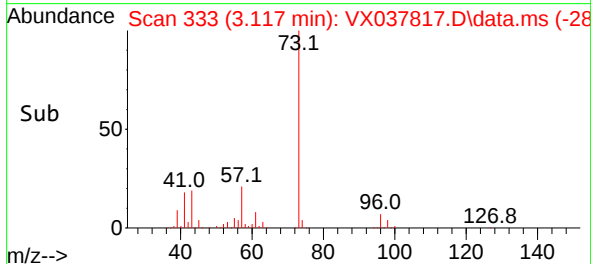
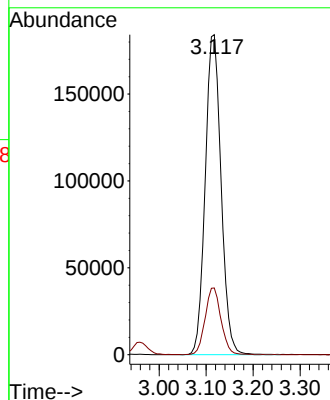
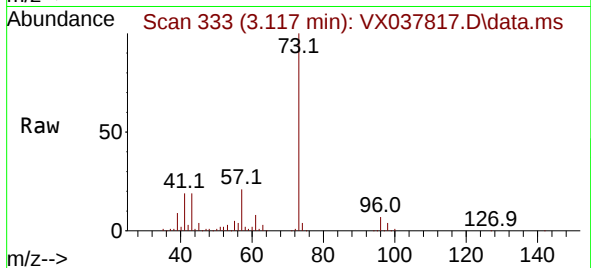
57 20.8 17.3 25.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/20/2023

Supervised By :Mahesh Dadoda 09/20/2023



#20

Methylene Chloride

Concen: 48.261 ug/l

RT: 2.788 min Scan# 279

Delta R.T. 0.000 min

Lab File: VX037817.D

Acq: 19 Sep 2023 19:56

Tgt Ion: 84 Resp: 144154

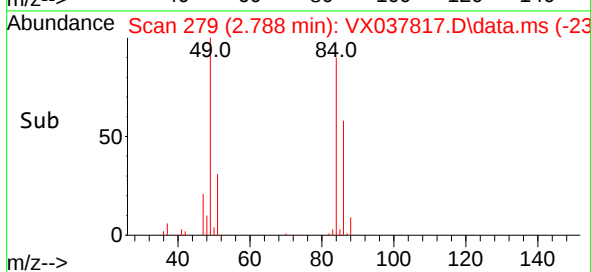
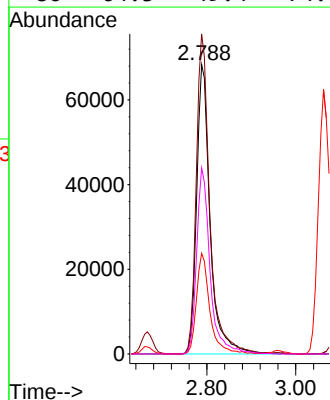
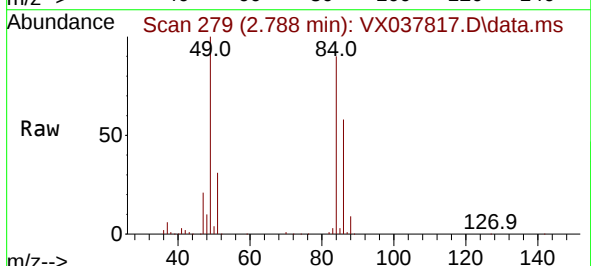
Ion Ratio Lower Upper

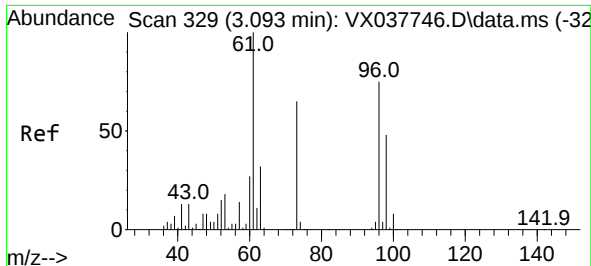
84 100

49 110.6 103.6 155.4

51 34.8 33.8 50.6

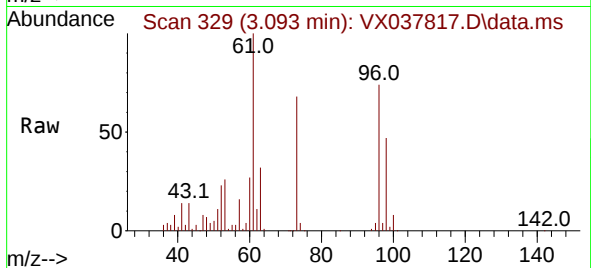
86 64.3 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 48.299 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX037817.D
Acq: 19 Sep 2023 19:56

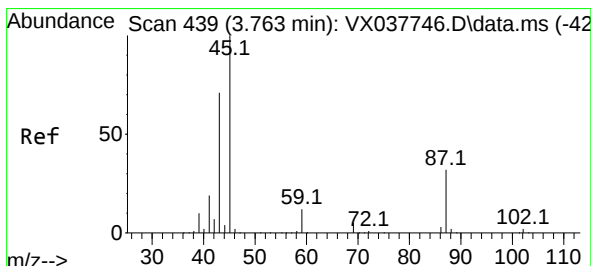
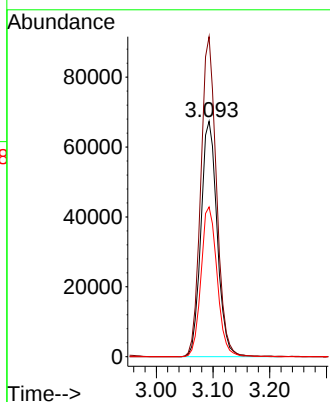
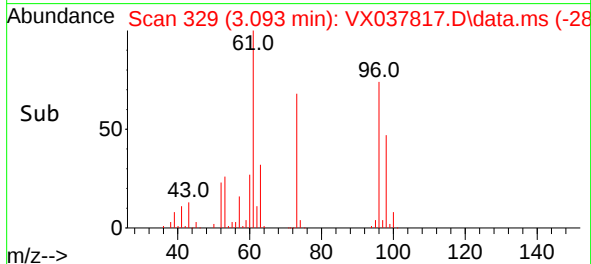
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



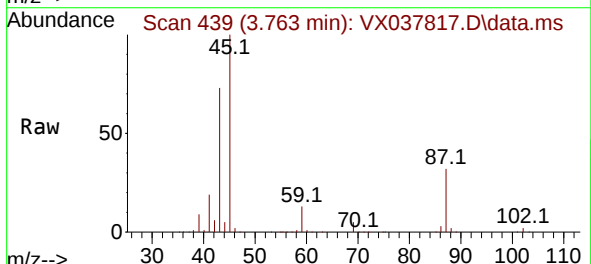
Tgt Ion: 96 Resp: 13374
Ion Ratio Lower Upper
96 100
61 136.0 119.2 178.8
98 63.7 48.7 73.1

Manual Integrations
APPROVED

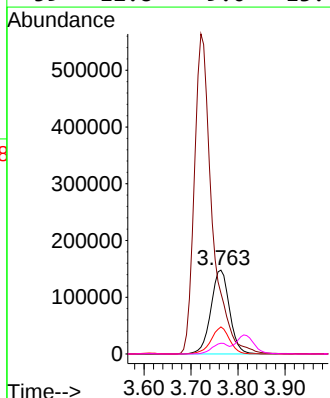
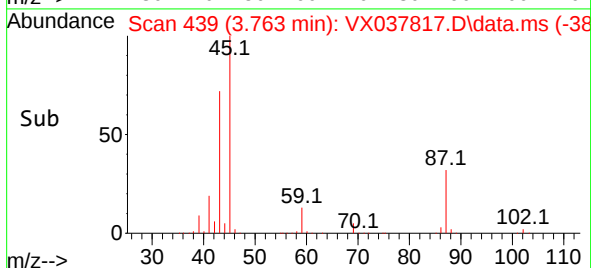
Reviewed By :John Carlone 09/20/2023
Supervised By :Mahesh Dadoda 09/20/2023

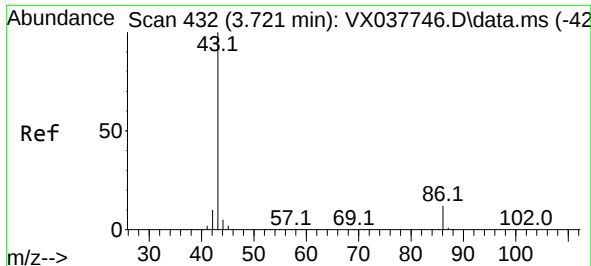


#22
Diisopropyl ether
Concen: 46.964 ug/l
RT: 3.763 min Scan# 439
Delta R.T. 0.006 min
Lab File: VX037817.D
Acq: 19 Sep 2023 19:56



Tgt Ion: 45 Resp: 406306
Ion Ratio Lower Upper
45 100
43 72.4 69.7 104.5
87 32.3 20.8 31.2#
59 12.8 9.0 13.4





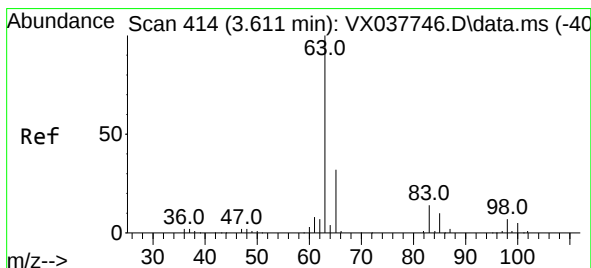
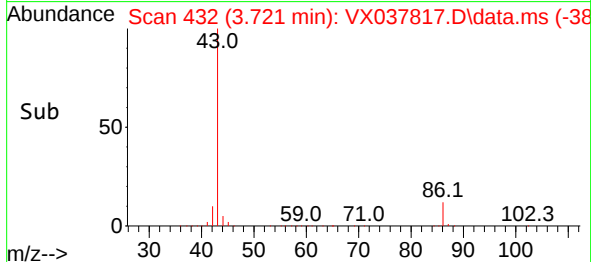
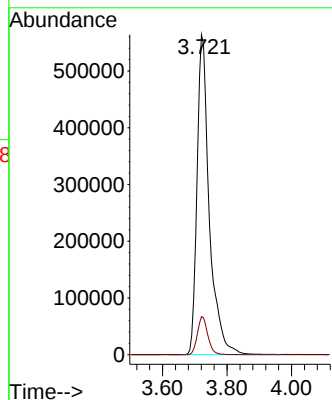
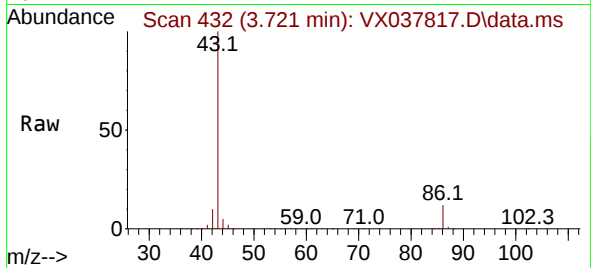
#23
 Vinyl Acetate
 Concen: 234.651 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX037817.D
 Acq: 19 Sep 2023 19:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 1493214
 Ion Ratio Lower Upper
 43 100
 86 11.9 7.8 11.8

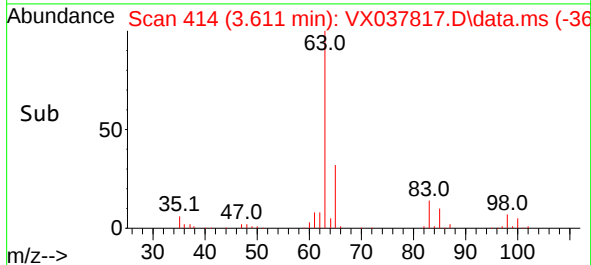
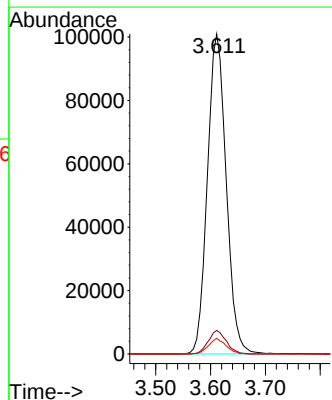
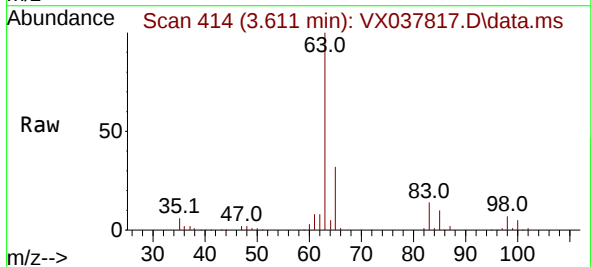
Manual Integrations
 APPROVED

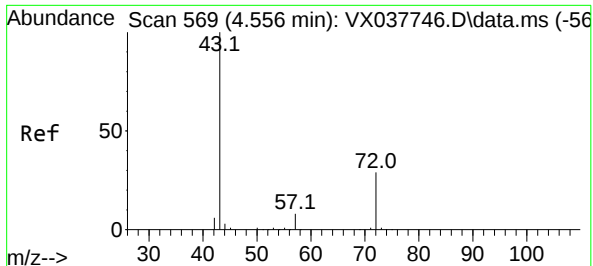
Reviewed By :John Carlone 09/20/2023
 Supervised By :Mahesh Dadoda 09/20/2023



#24
 1,1-Dichloroethane
 Concen: 46.306 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. -0.000 min
 Lab File: VX037817.D
 Acq: 19 Sep 2023 19:56

Tgt Ion: 63 Resp: 240063
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.3 9.8
 100 4.9 2.1 6.5





#25

2-Butanone

Concen: 203.974 ug/l

RT: 4.556 min Scan# 569

Delta R.T. -0.012 min

Lab File: VX037817.D

Acq: 19 Sep 2023 19:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 46503

Ion Ratio Lower Upper

43 100

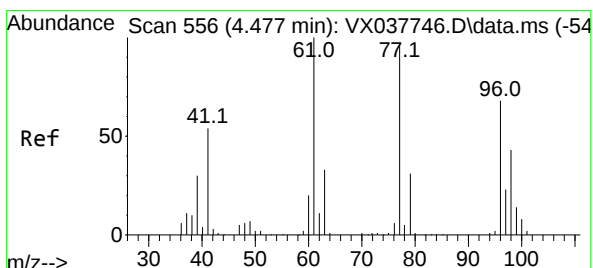
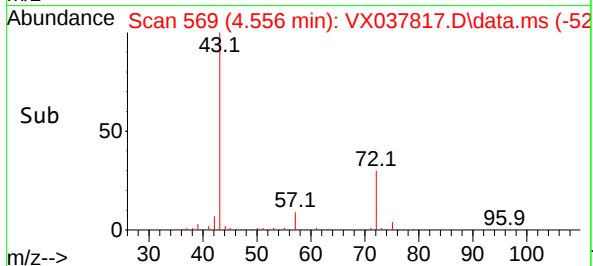
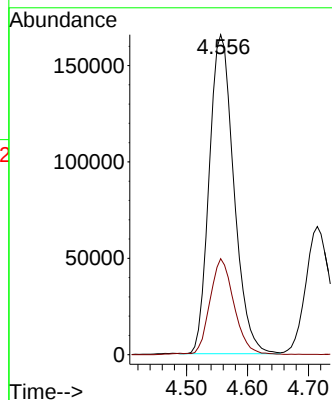
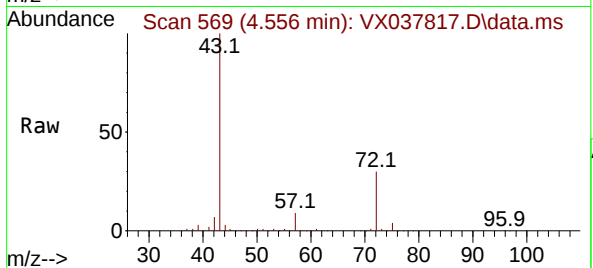
72 29.9 19.4 29.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/20/2023

Supervised By :Mahesh Dadoda 09/20/2023



#26

2,2-Dichloropropane

Concen: 35.610 ug/l

RT: 4.477 min Scan# 556

Delta R.T. -0.000 min

Lab File: VX037817.D

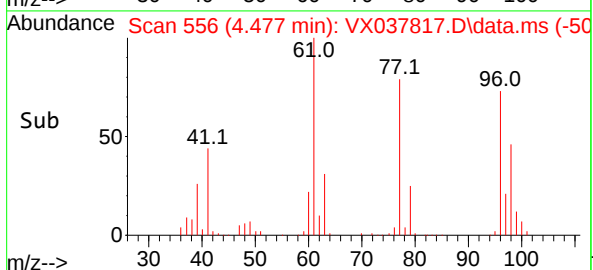
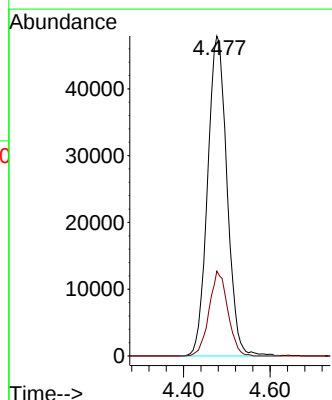
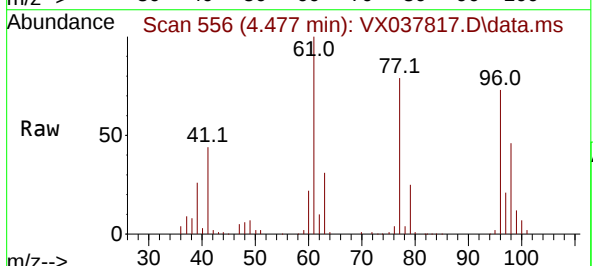
Acq: 19 Sep 2023 19:56

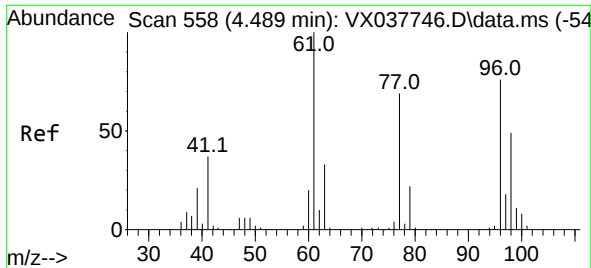
Tgt Ion: 77 Resp: 149172

Ion Ratio Lower Upper

77 100

97 25.5 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 47.355 ug/l

RT: 4.489 min Scan# 558

Delta R.T. -0.000 min

Lab File: VX037817.D

Acq: 19 Sep 2023 19:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 160760

Ion Ratio Lower Upper

96 100

61 132.4 0.0 312.2

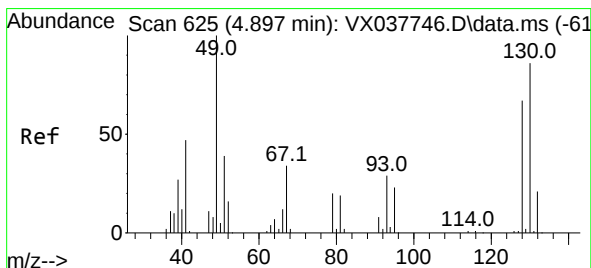
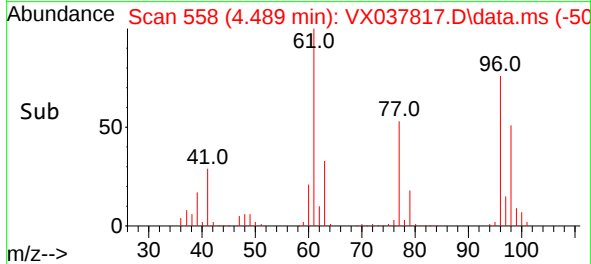
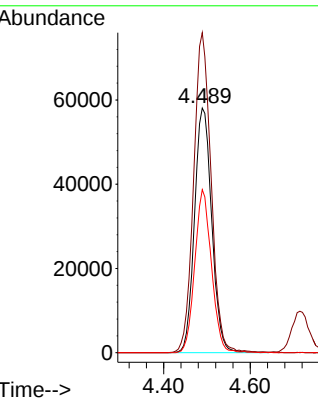
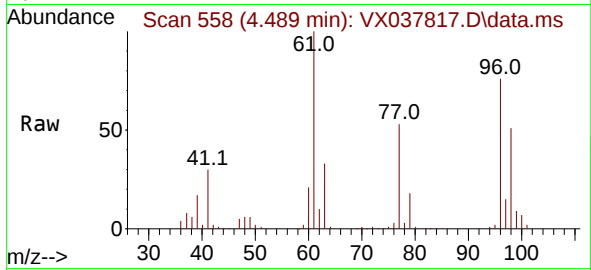
98 64.3 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/20/2023

Supervised By :Mahesh Dadoda 09/20/2023



#28

Bromochloromethane

Concen: 45.497 ug/l

RT: 4.897 min Scan# 625

Delta R.T. -0.006 min

Lab File: VX037817.D

Acq: 19 Sep 2023 19:56

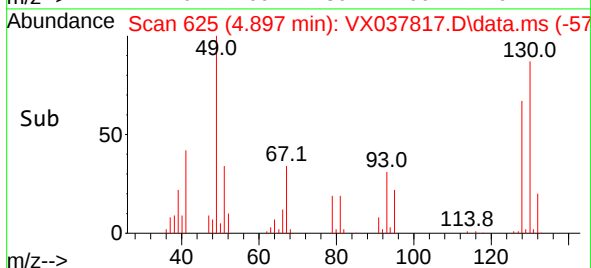
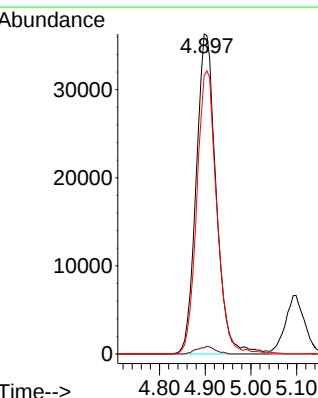
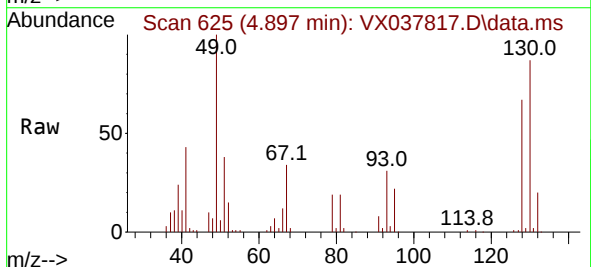
Tgt Ion: 49 Resp: 110036

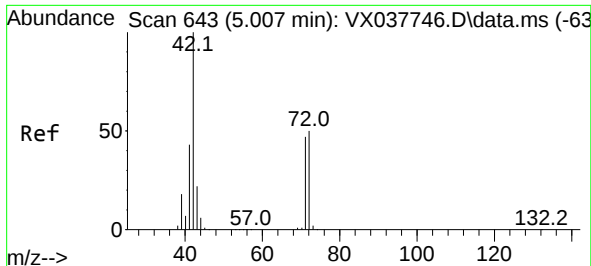
Ion Ratio Lower Upper

49 100

129 2.2 0.0 3.8

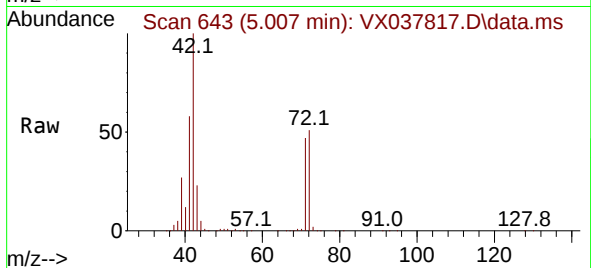
130 88.9 57.5 86.3#





#29
Tetrahydrofuran
Concen: 215.369 ug/l
RT: 5.007 min Scan# 643
Delta R.T. -0.006 min
Lab File: VX037817.D
Acq: 19 Sep 2023 19:56

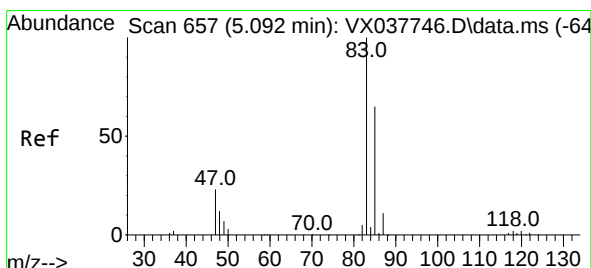
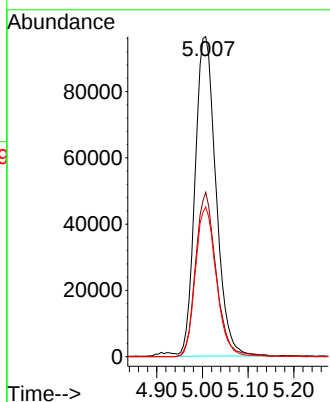
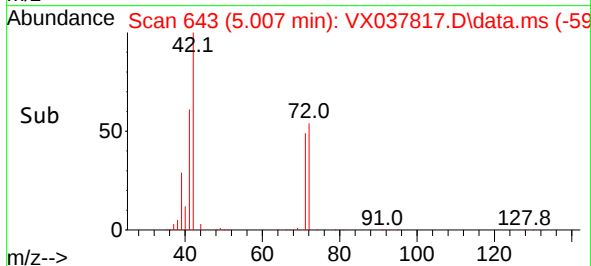
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 42 Resp: 305418
Ion Ratio Lower Upper
42 100
72 50.8 34.2 51.4
71 47.0 32.2 48.2

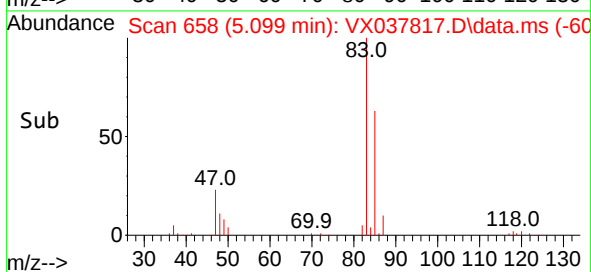
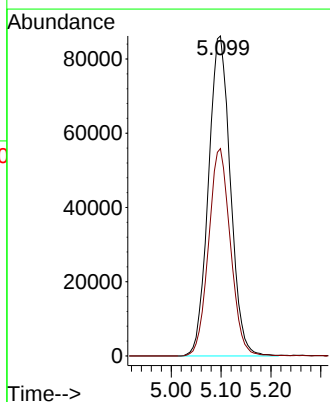
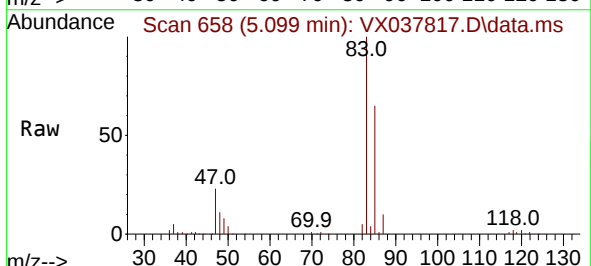
Manual Integrations
APPROVED

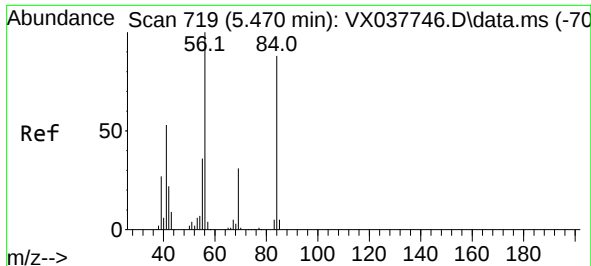
Reviewed By :John Carlone 09/20/2023
Supervised By :Mahesh Dadoda 09/20/2023



#30
Chloroform
Concen: 47.160 ug/l
RT: 5.099 min Scan# 658
Delta R.T. 0.006 min
Lab File: VX037817.D
Acq: 19 Sep 2023 19:56

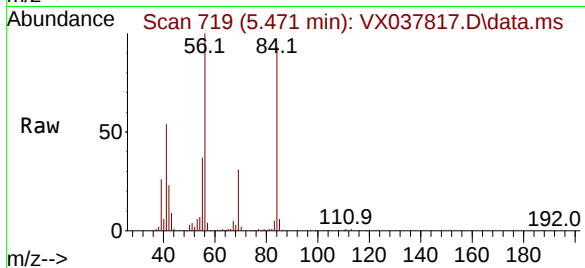
Tgt Ion: 83 Resp: 263377
Ion Ratio Lower Upper
83 100
85 64.8 50.3 75.5





#31
Cyclohexane
Concen: 46.343 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX037817.D
Acq: 19 Sep 2023 19:56

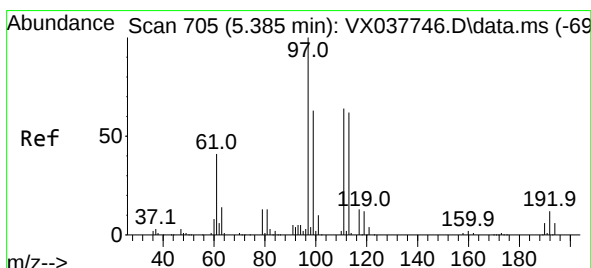
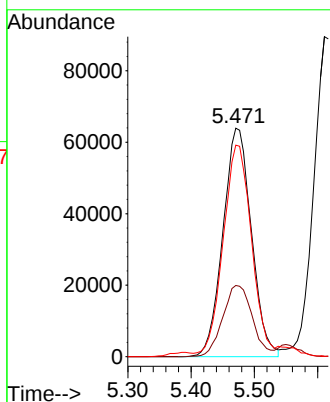
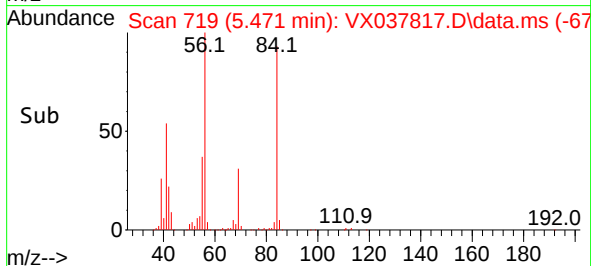
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



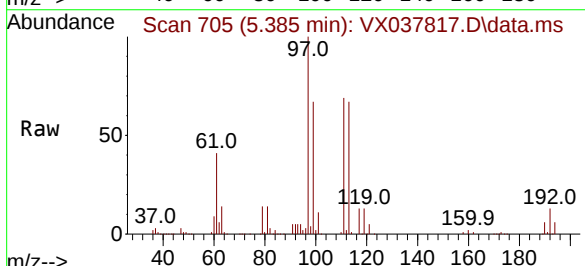
Tgt Ion: 56 Resp: 19975
Ion Ratio Lower Upper
56 100
69 31.2 23.4 35.2
84 91.1 65.9 98.9

Manual Integrations
APPROVED

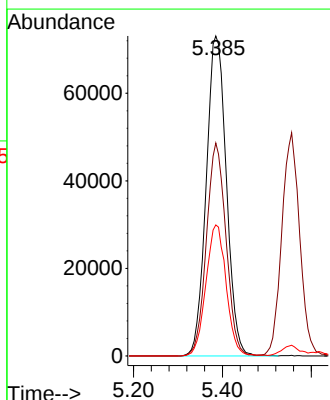
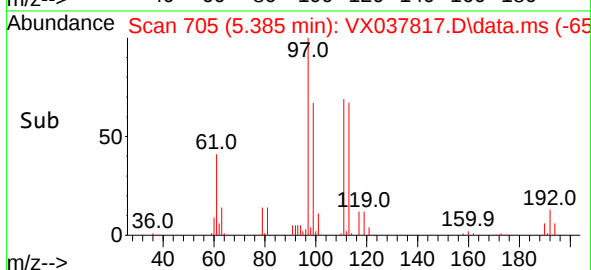
Reviewed By :John Carlone 09/20/2023
Supervised By :Mahesh Dadoda 09/20/2023

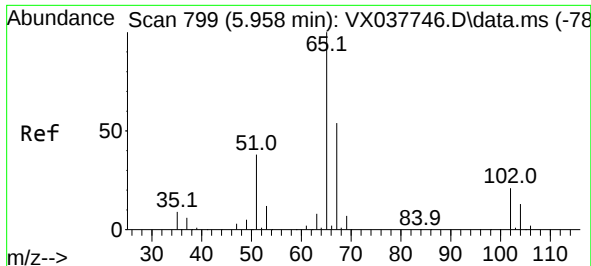


#32
1,1,1-Trichloroethane
Concen: 48.681 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX037817.D
Acq: 19 Sep 2023 19:56



Tgt Ion: 97 Resp: 230198
Ion Ratio Lower Upper
97 100
99 64.6 51.1 76.7
61 41.3 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 49.816 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX037817.D

Acq: 19 Sep 2023 19:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 16730

Ion Ratio Lower Upper

65 100

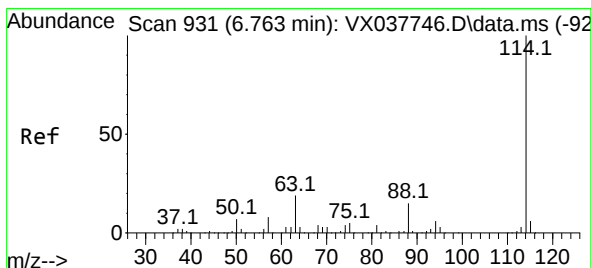
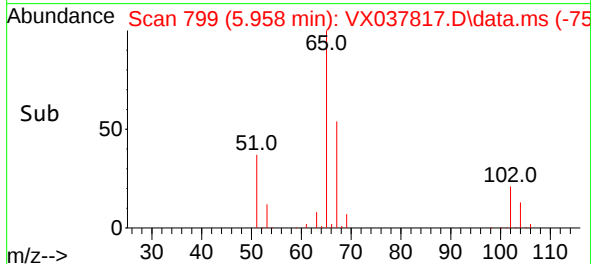
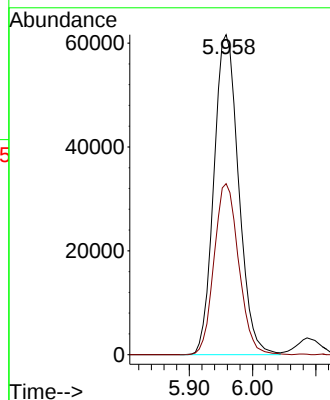
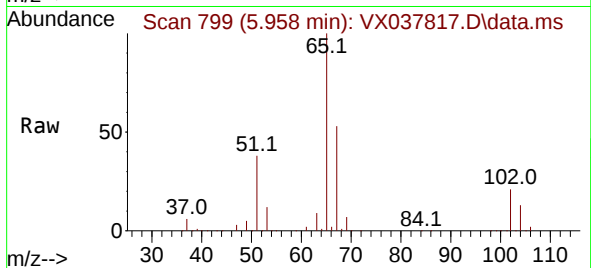
67 53.2 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/20/2023

Supervised By :Mahesh Dadoda 09/20/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX037817.D

Acq: 19 Sep 2023 19:56

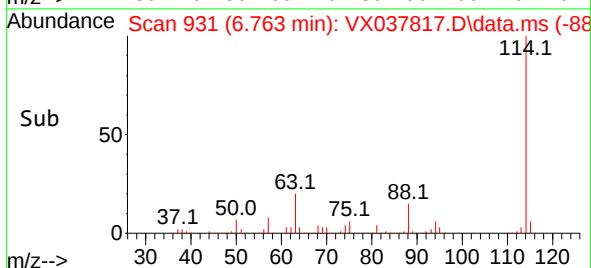
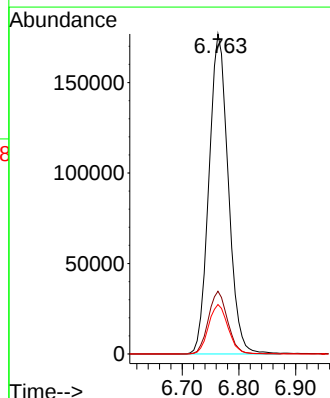
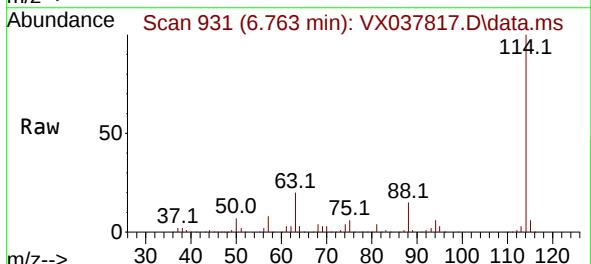
Tgt Ion:114 Resp: 418504

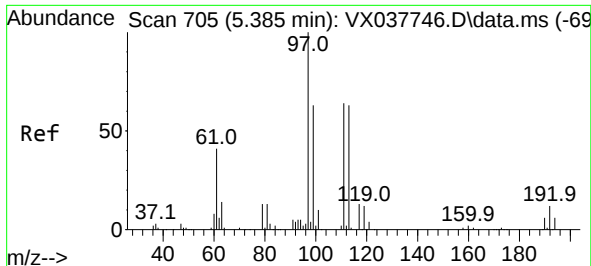
Ion Ratio Lower Upper

114 100

63 19.6 0.0 45.0

88 15.5 0.0 36.6





#35

Dibromofluoromethane

Concen: 52.321 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX037817.D

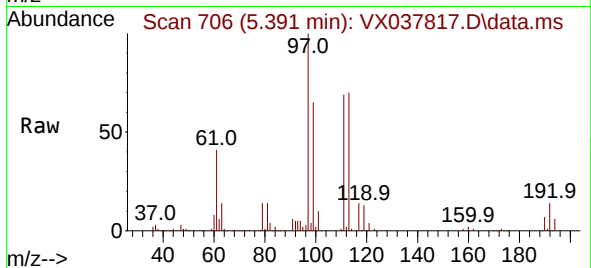
Acq: 19 Sep 2023 19:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



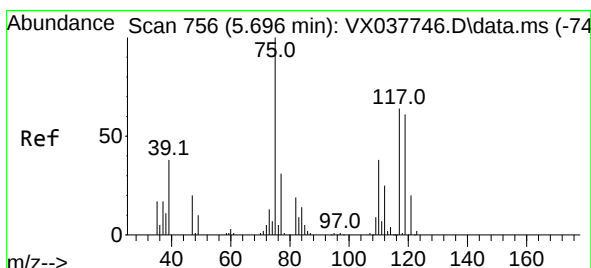
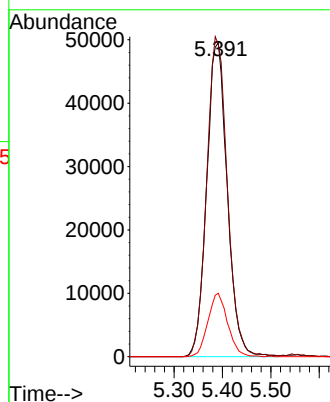
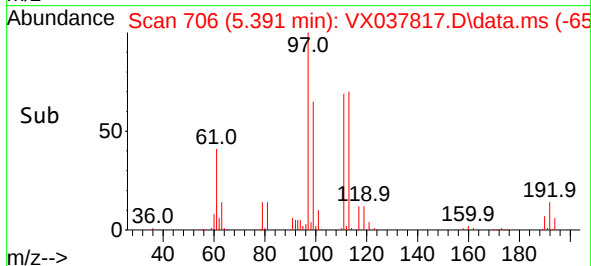
Tgt Ion:	113	Resp:	146510
Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.9	124.3
192	19.4	13.3	19.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/20/2023

Supervised By :Mahesh Dadoda 09/20/2023



#36

1,1-Dichloropropene

Concen: 48.232 ug/l

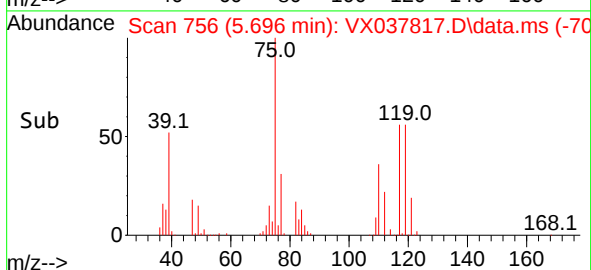
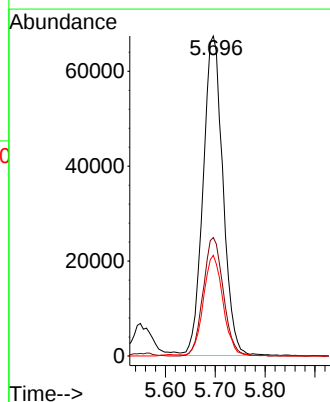
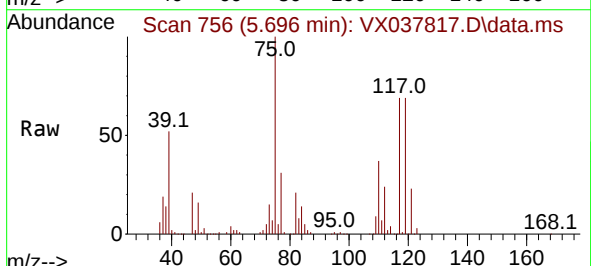
RT: 5.696 min Scan# 756

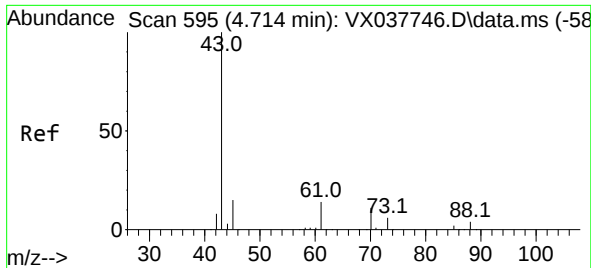
Delta R.T. -0.000 min

Lab File: VX037817.D

Acq: 19 Sep 2023 19:56

Tgt Ion:	75	Resp:	186055
Ion	Ratio	Lower	Upper
75	100		
110	37.7	17.0	50.9
77	31.2	24.7	37.1





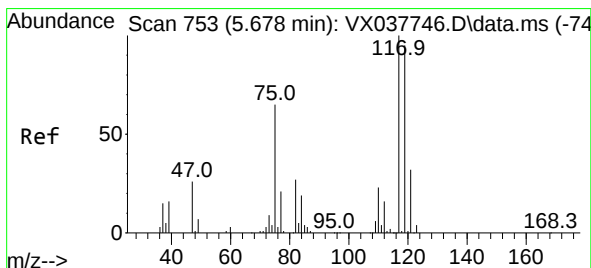
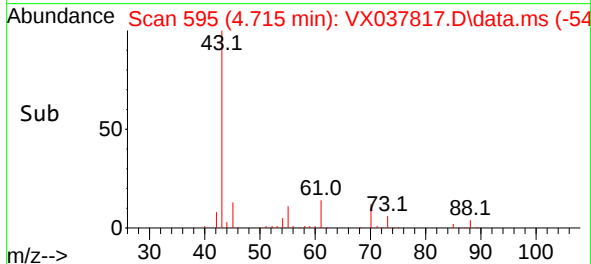
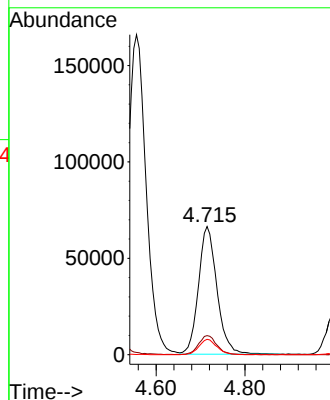
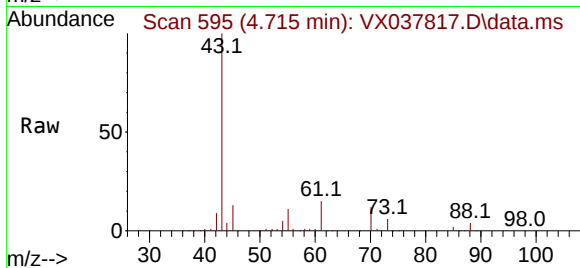
#37
Ethyl Acetate
Concen: 45.362 ug/l
RT: 4.715 min Scan# 595
Delta R.T. -0.018 min
Lab File: VX037817.D
Acq: 19 Sep 2023 19:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 192368
Ion Ratio Lower Upper
43 100
61 14.3 10.6 16.0
70 11.6 8.3 12.5

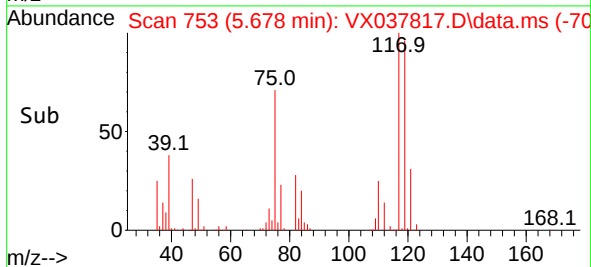
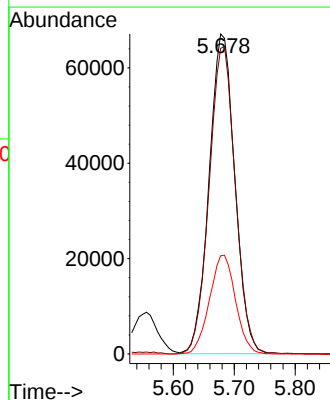
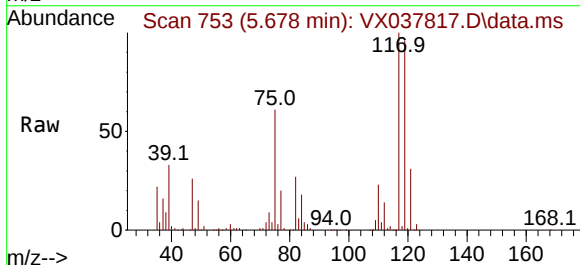
Manual Integrations
APPROVED

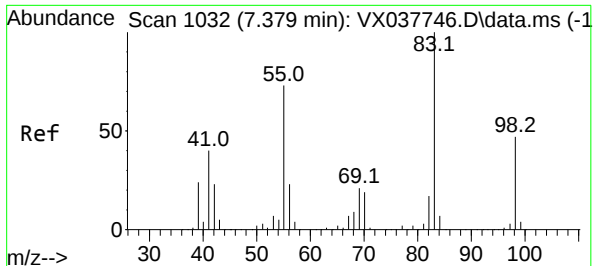
Reviewed By :John Carlone 09/20/2023
Supervised By :Mahesh Dadoda 09/20/2023



#38
Carbon Tetrachloride
Concen: 48.808 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.000 min
Lab File: VX037817.D
Acq: 19 Sep 2023 19:56

Tgt Ion:117 Resp: 196992
Ion Ratio Lower Upper
117 100
119 95.4 78.2 117.2
121 30.7 24.4 36.6





#39

Methylcyclohexane

Concen: 46.331 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. 0.006 min

Lab File: VX037817.D

Acq: 19 Sep 2023 19:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 22682

Ion Ratio Lower Upper

83 100

55 70.7 64.6 97.0

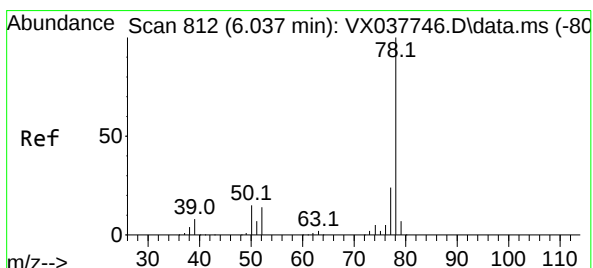
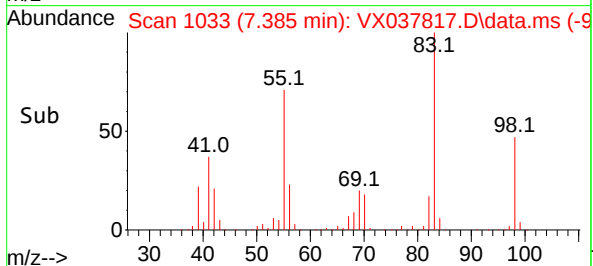
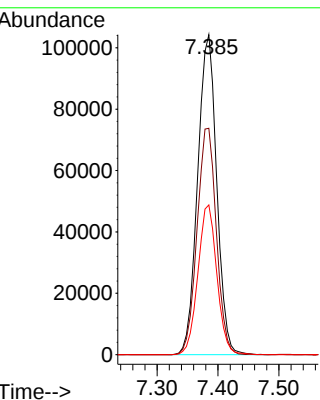
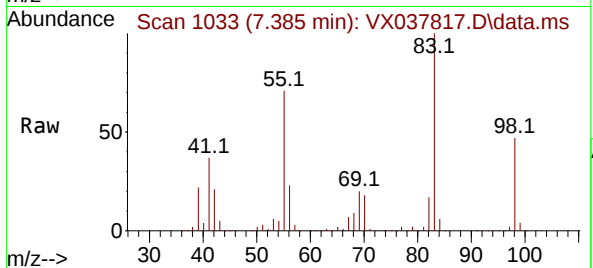
98 46.8 36.7 55.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/20/2023

Supervised By :Mahesh Dadoda 09/20/2023



#40

Benzene

Concen: 47.386 ug/l

RT: 6.044 min Scan# 813

Delta R.T. -0.000 min

Lab File: VX037817.D

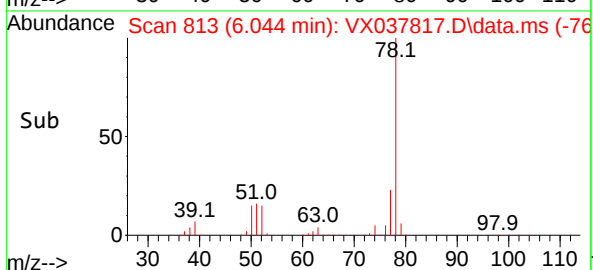
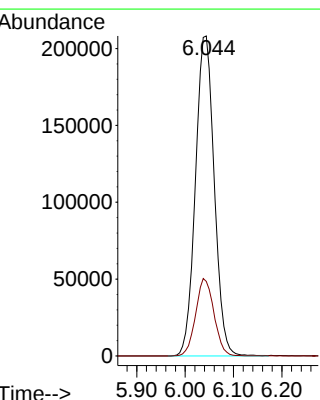
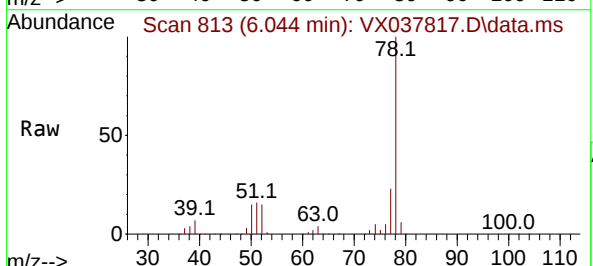
Acq: 19 Sep 2023 19:56

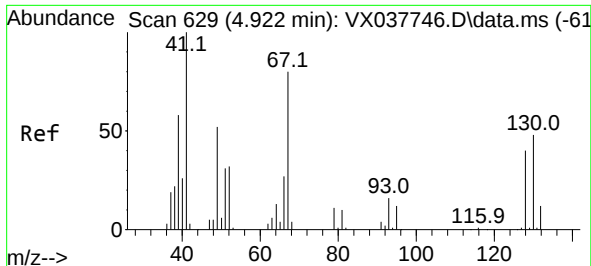
Tgt Ion: 78 Resp: 562106

Ion Ratio Lower Upper

78 100

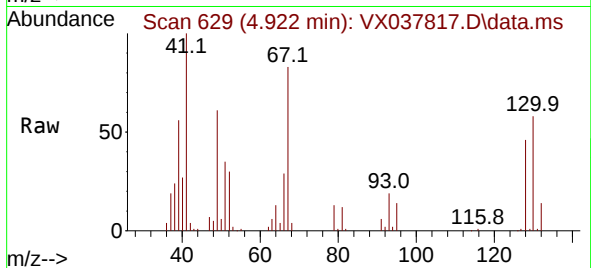
77 23.3 19.3 28.9





#41
Methacrylonitrile
Concen: 45.912 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.024 min
Lab File: VX037817.D
Acq: 19 Sep 2023 19:56

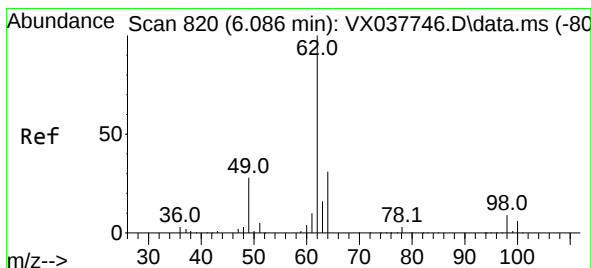
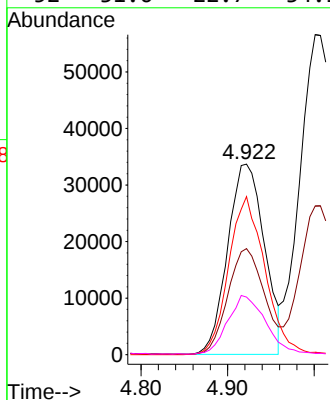
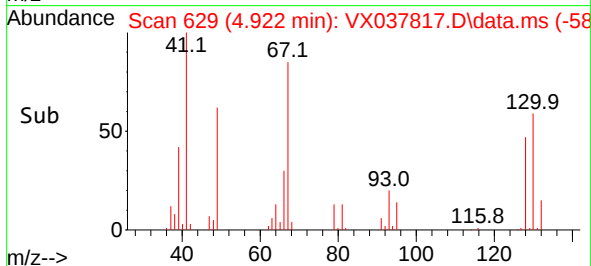
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:	41	Resp:	9927
Ion	Ratio	Lower	Upper
41	100		
39	54.6	45.2	67.8
67	82.6	52.6	78.8
52	31.6	22.7	34.1

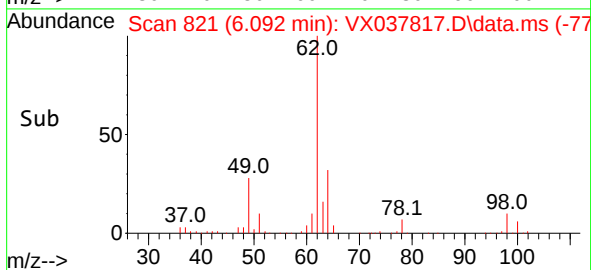
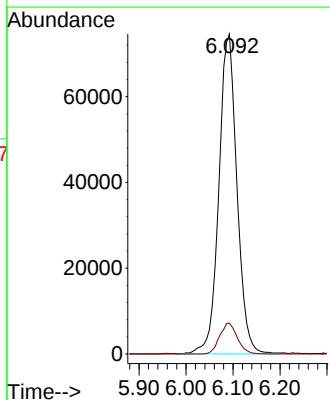
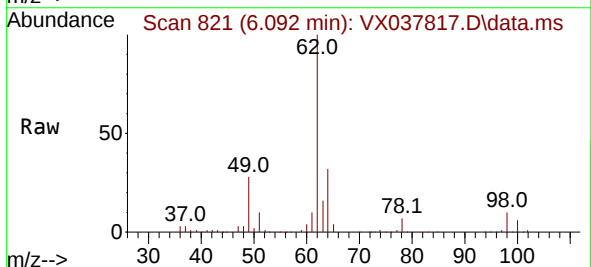
Manual Integrations
APPROVED

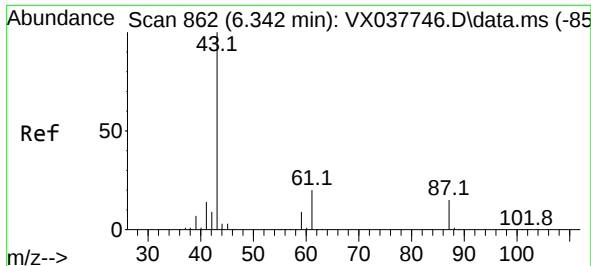
Reviewed By :John Carlone 09/20/2023
Supervised By :Mahesh Dadoda 09/20/2023



#42
1,2-Dichloroethane
Concen: 46.664 ug/l
RT: 6.092 min Scan# 821
Delta R.T. -0.006 min
Lab File: VX037817.D
Acq: 19 Sep 2023 19:56

Tgt Ion:	62	Resp:	200065
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	16.0





#43

Isopropyl Acetate

Concen: 46.427 ug/l

RT: 6.342 min Scan# 862

Delta R.T. -0.000 min

Lab File: VX037817.D

Acq: 19 Sep 2023 19:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 314818

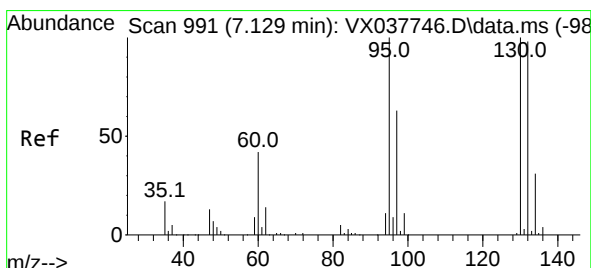
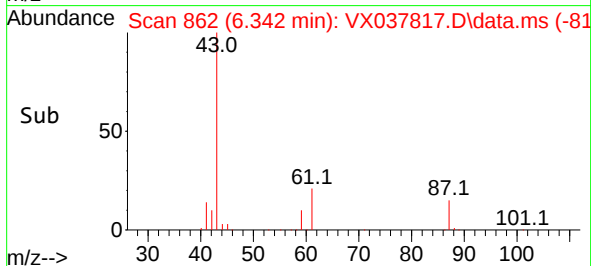
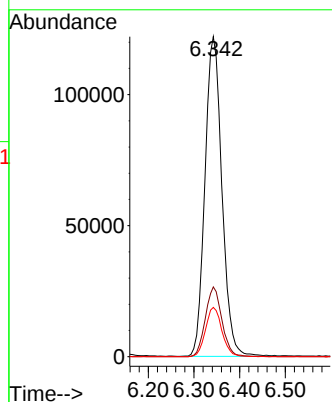
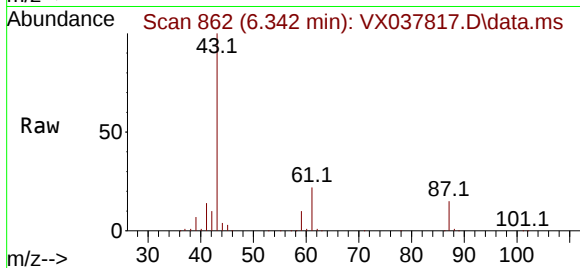
Ion	Ratio	Lower	Upper
43	100		
61	21.2	15.2	22.8
87	14.9	9.8	14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/20/2023

Supervised By :Mahesh Dadoda 09/20/2023



#44

Trichloroethene

Concen: 46.797 ug/l

RT: 7.129 min Scan# 991

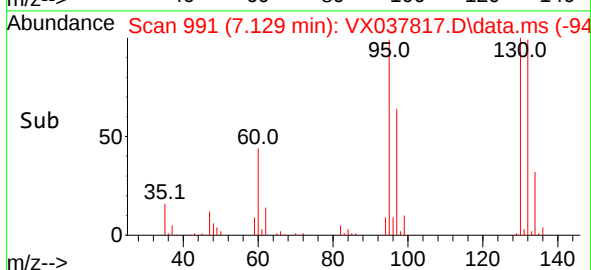
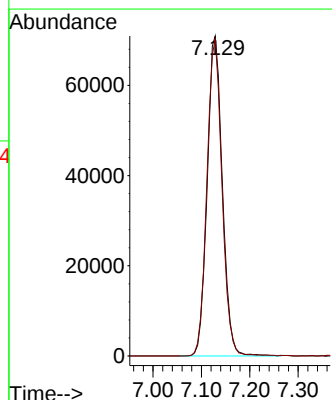
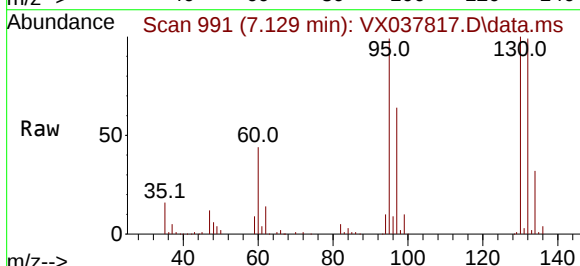
Delta R.T. -0.006 min

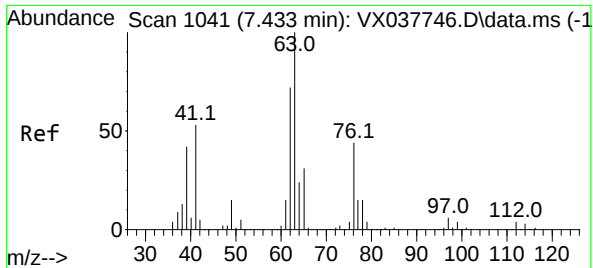
Lab File: VX037817.D

Acq: 19 Sep 2023 19:56

Tgt Ion:130 Resp: 154591

Ion	Ratio	Lower	Upper
130	100		
95	99.0	0.0	204.4





#45

1,2-Dichloropropane

Concen: 47.556 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. -0.000 min

Lab File: VX037817.D

Acq: 19 Sep 2023 19:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 146500

Ion Ratio Lower Upper

63 100

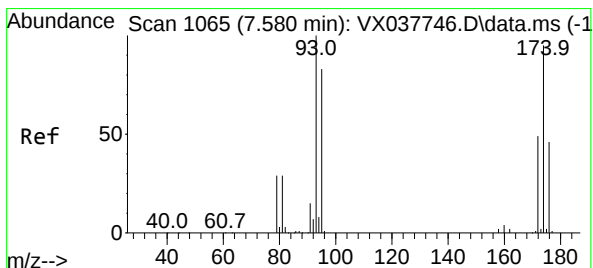
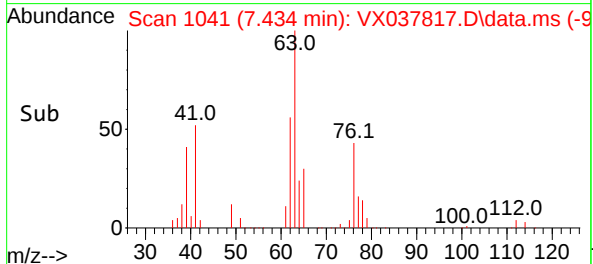
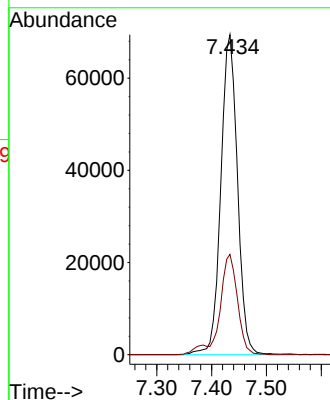
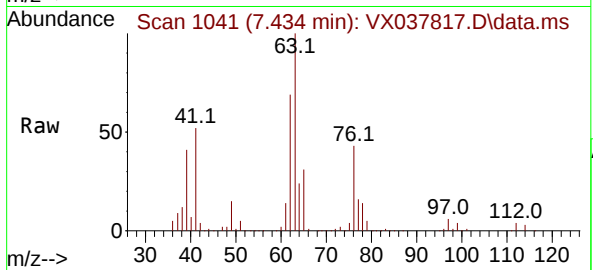
65 31.4 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/20/2023

Supervised By :Mahesh Dadoda 09/20/2023



#46

Dibromomethane

Concen: 48.440 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX037817.D

Acq: 19 Sep 2023 19:56

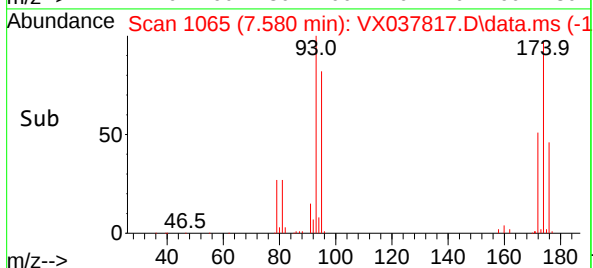
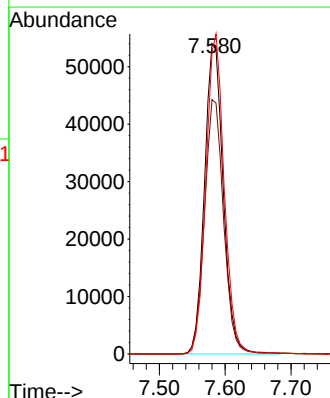
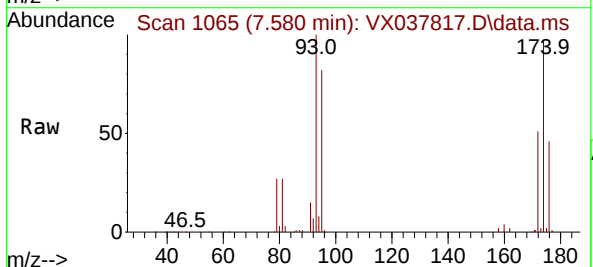
Tgt Ion: 93 Resp: 107342

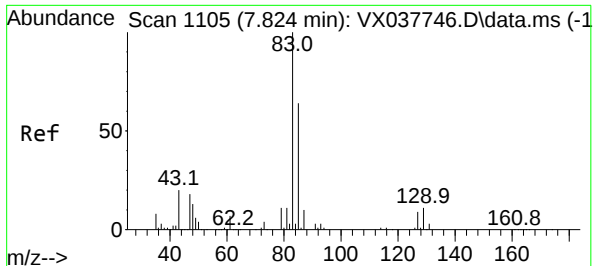
Ion Ratio Lower Upper

93 100

95 83.2 66.6 100.0

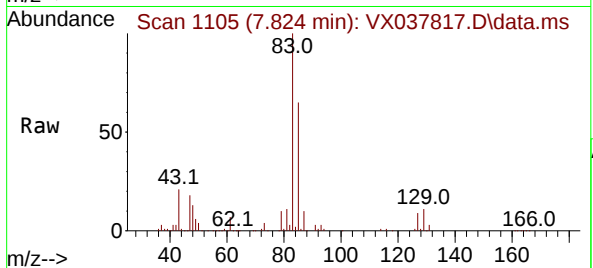
174 100.3 69.4 104.0





#47
Bromodichloromethane
Concen: 48.803 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX037817.D
Acq: 19 Sep 2023 19:56

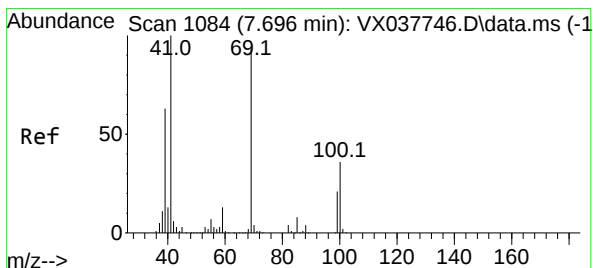
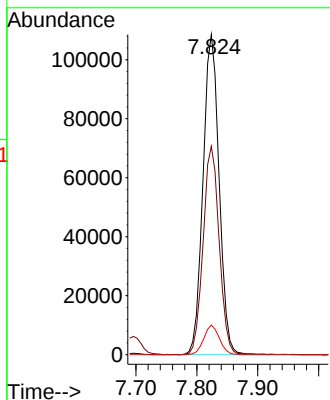
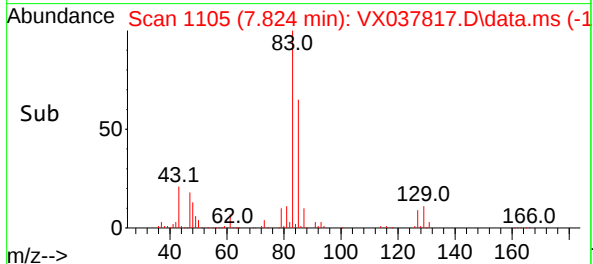
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 199173
Ion Ratio Lower Upper
83 100
85 65.1 49.8 74.6
127 9.2 7.1 10.7

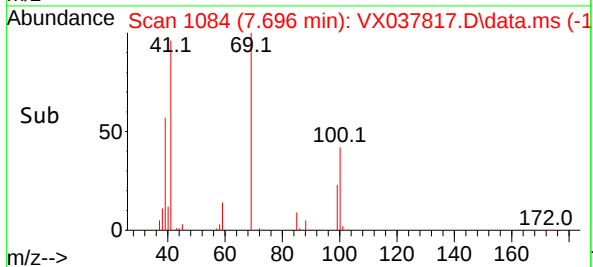
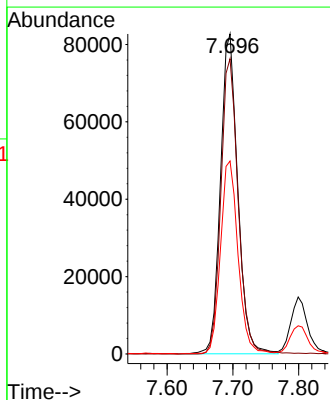
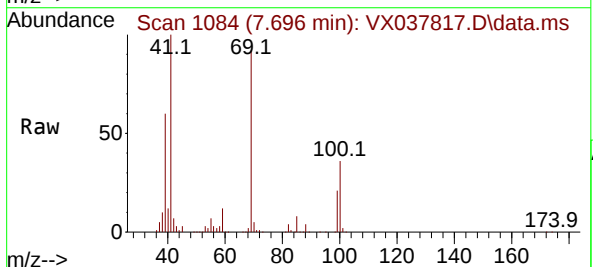
Manual Integrations
APPROVED

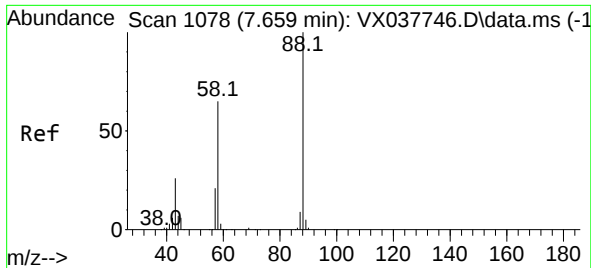
Reviewed By :John Carlone 09/20/2023
Supervised By :Mahesh Dadoda 09/20/2023



#48
Methyl methacrylate
Concen: 46.617 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.006 min
Lab File: VX037817.D
Acq: 19 Sep 2023 19:56

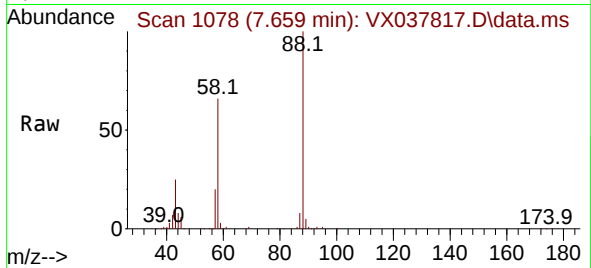
Tgt Ion: 41 Resp: 151111
Ion Ratio Lower Upper
41 100
69 92.8 59.2 88.8#
39 61.5 47.7 71.5





#49
1,4-Dioxane
Concen: 882.746 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. -0.012 min
Lab File: VX037817.D
Acq: 19 Sep 2023 19:56

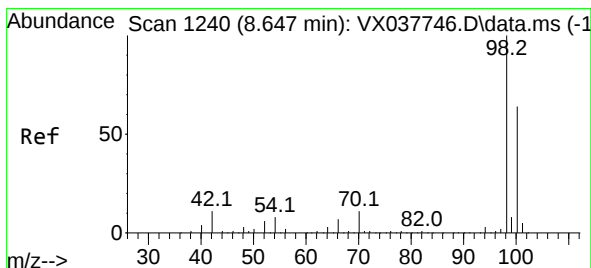
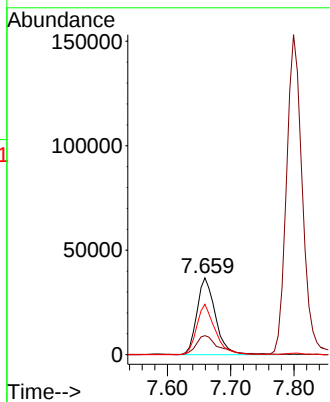
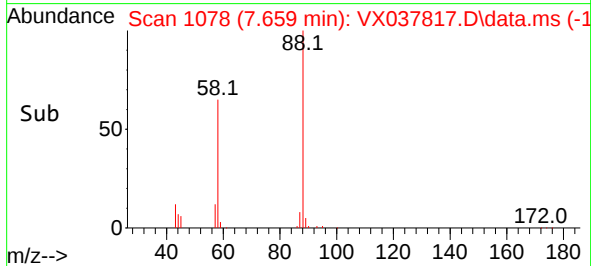
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 75018
Ion Ratio Lower Upper
88 100
43 28.8 0.0 0.0
58 65.3 60.1 90.1

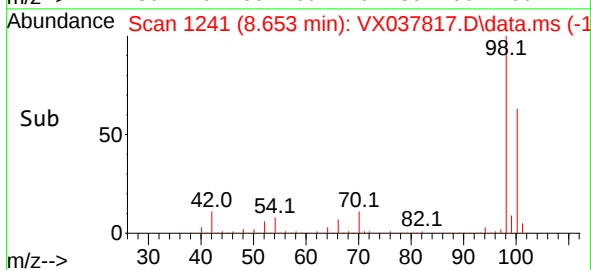
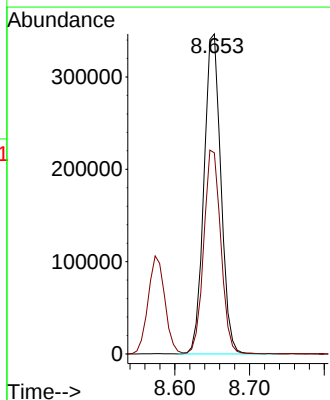
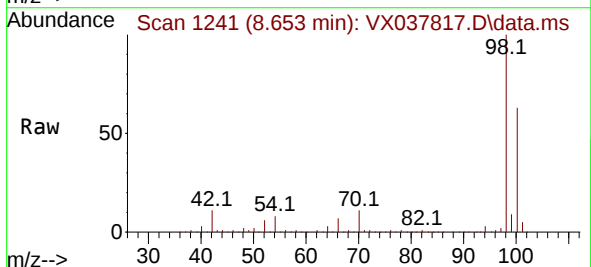
Manual Integrations
APPROVED

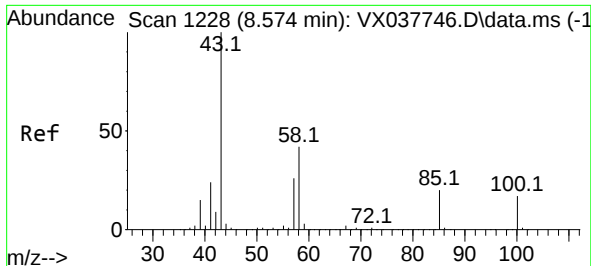
Reviewed By :John Carlone 09/20/2023
Supervised By :Mahesh Dadoda 09/20/2023



#50
Toluene-d8
Concen: 52.299 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.006 min
Lab File: VX037817.D
Acq: 19 Sep 2023 19:56

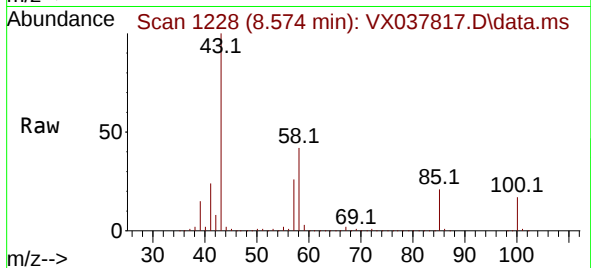
Tgt Ion: 98 Resp: 544153
Ion Ratio Lower Upper
98 100
100 64.2 53.1 79.7





#51
4-Methyl-2-Pentanone
Concen: 226.857 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX037817.D
Acq: 19 Sep 2023 19:56

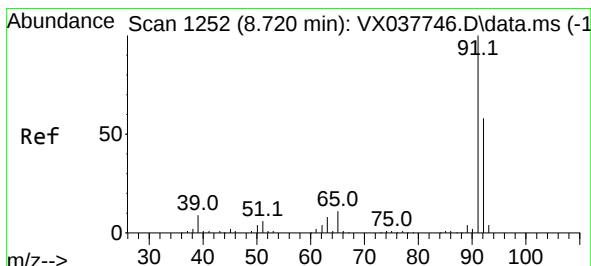
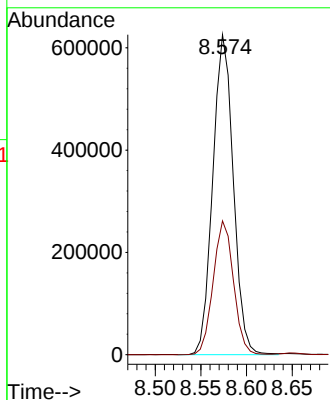
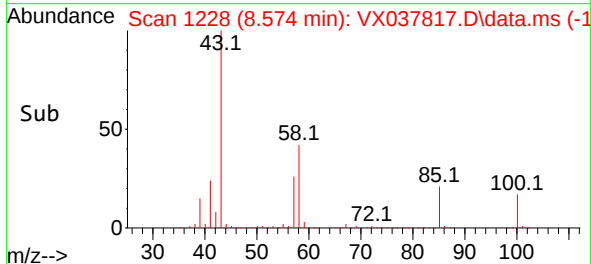
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



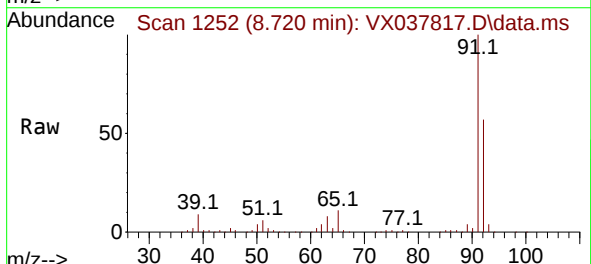
Tgt Ion: 43 Resp: 97599
Ion Ratio Lower Upper
43 100
58 41.4 30.4 45.6

Manual Integrations
APPROVED

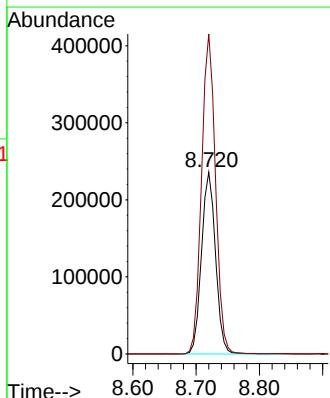
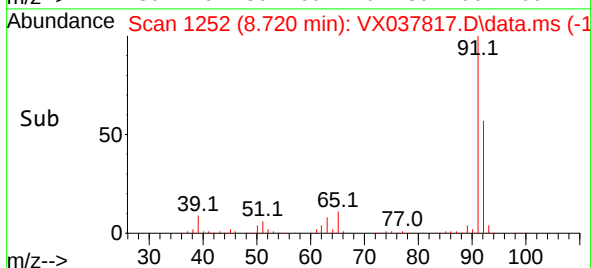
Reviewed By :John Carlone 09/20/2023
Supervised By :Mahesh Dadoda 09/20/2023

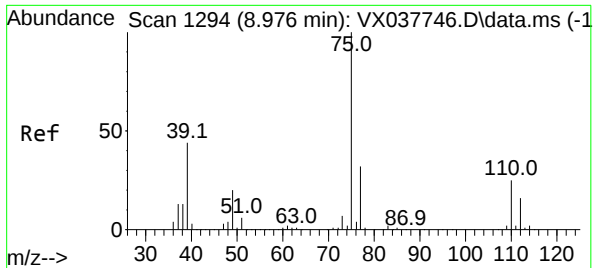


#52
Toluene
Concen: 47.703 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX037817.D
Acq: 19 Sep 2023 19:56



Tgt Ion: 92 Resp: 364682
Ion Ratio Lower Upper
92 100
91 175.3 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 49.207 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. -0.012 min

Lab File: VX037817.D

Acq: 19 Sep 2023 19:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 75 Resp: 209984

Ion Ratio Lower Upper

75 100

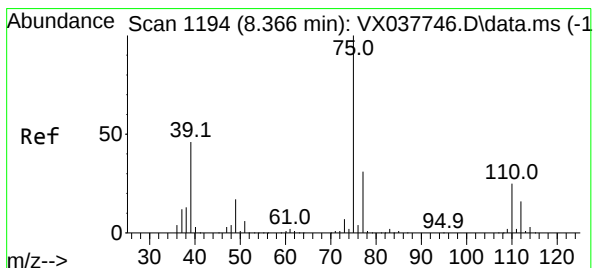
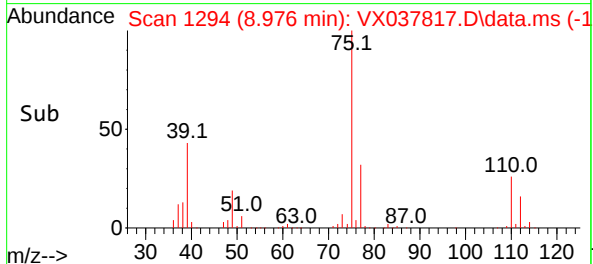
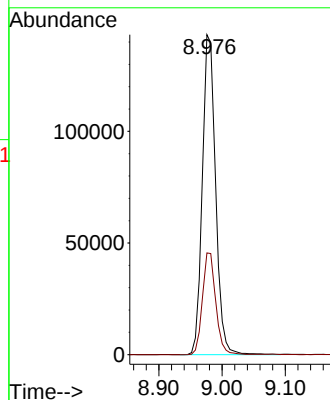
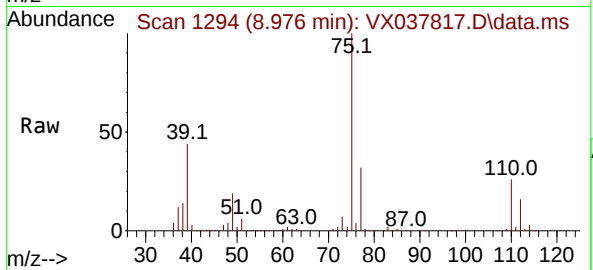
77 31.8 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/20/2023

Supervised By :Mahesh Dadoda 09/20/2023



#54

cis-1,3-Dichloropropene

Concen: 47.867 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.006 min

Lab File: VX037817.D

Acq: 19 Sep 2023 19:56

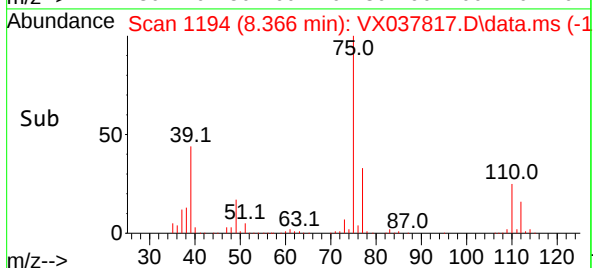
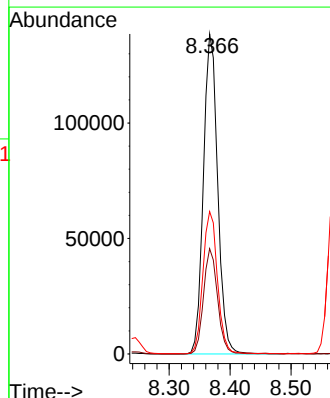
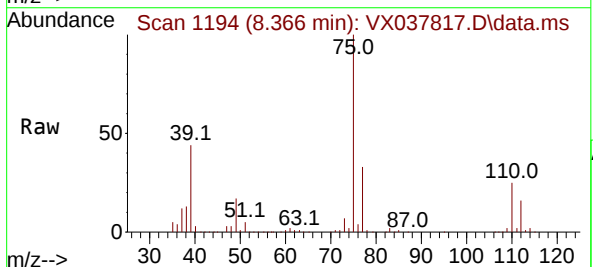
Tgt Ion: 75 Resp: 226067

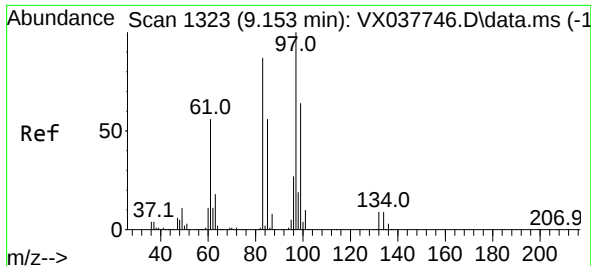
Ion Ratio Lower Upper

75 100

77 32.9 25.3 37.9

39 44.4 46.7 70.1#





#55

1,1,2-Trichloroethane

Concen: 48.048 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. -0.000 min

Lab File: VX037817.D

Acq: 19 Sep 2023 19:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 15486

Ion Ratio Lower Upper

97 100

83 86.4 65.8 98.8

85 54.2 41.6 62.4

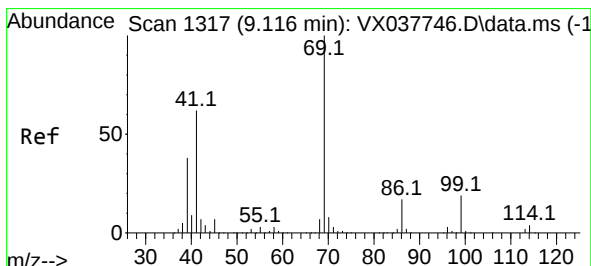
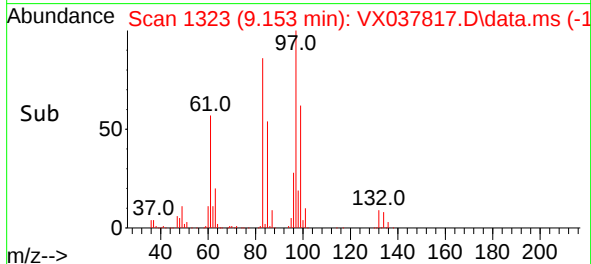
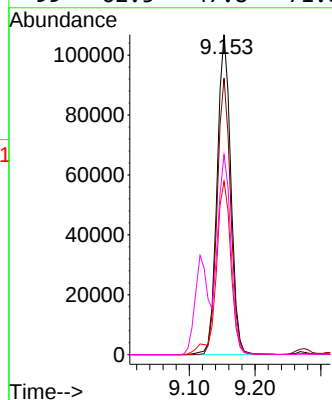
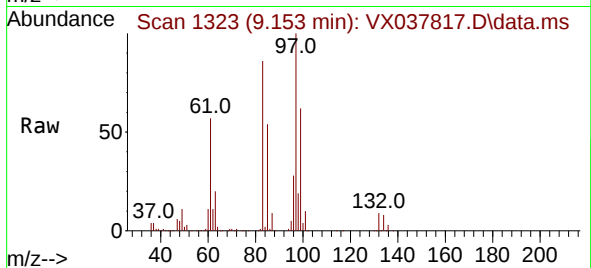
99 62.5 47.8 71.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/20/2023

Supervised By :Mahesh Dadoda 09/20/2023



#56

Ethyl methacrylate

Concen: 48.207 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. -0.006 min

Lab File: VX037817.D

Acq: 19 Sep 2023 19:56

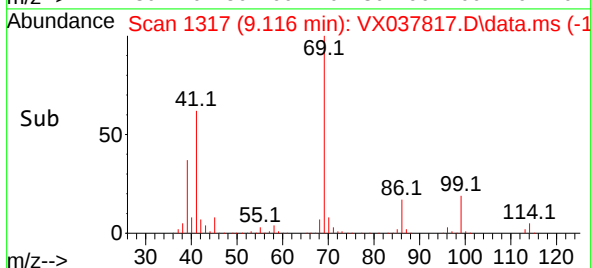
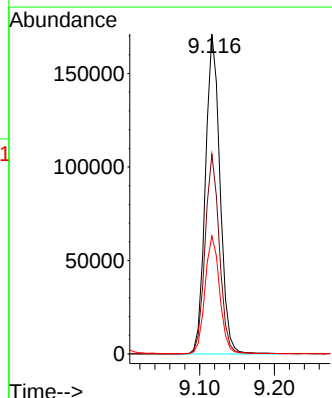
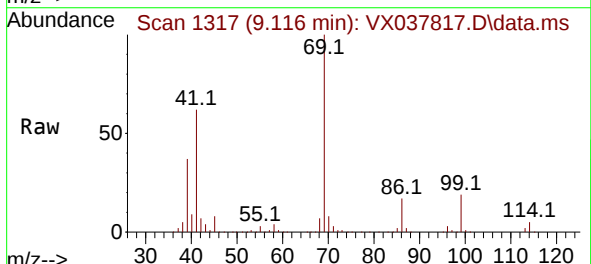
Tgt Ion: 69 Resp: 231965

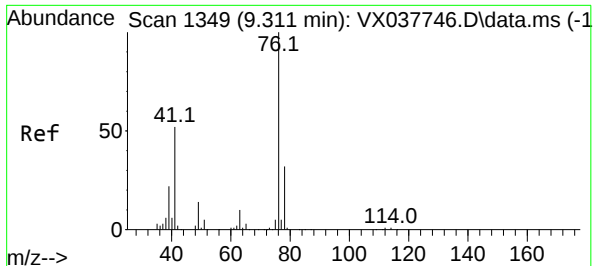
Ion Ratio Lower Upper

69 100

41 61.3 56.8 85.2

39 36.8 32.0 48.0





#57

1,3-Dichloropropane

Concen: 47.428 ug/l

RT: 9.311 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX037817.D

Acq: 19 Sep 2023 19:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 247372

Ion Ratio Lower Upper

76 100

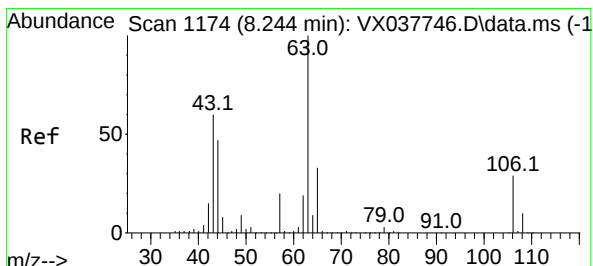
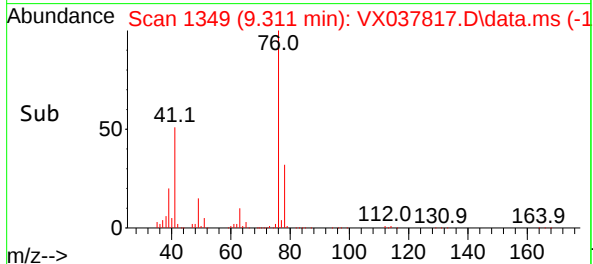
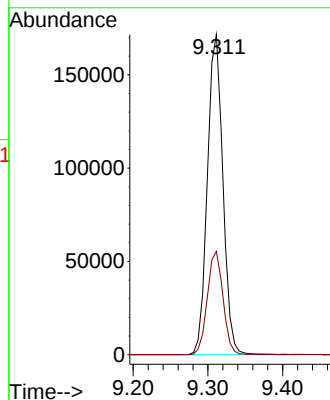
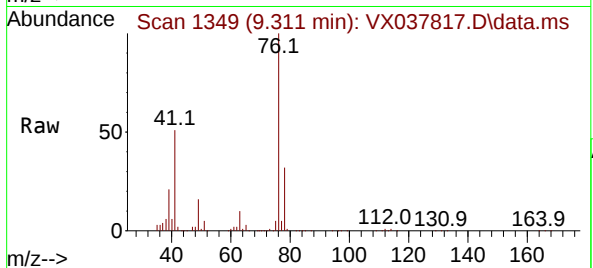
78 32.7 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/20/2023

Supervised By :Mahesh Dadoda 09/20/2023



#58

2-Chloroethyl Vinyl ether

Concen: 241.674 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. -0.000 min

Lab File: VX037817.D

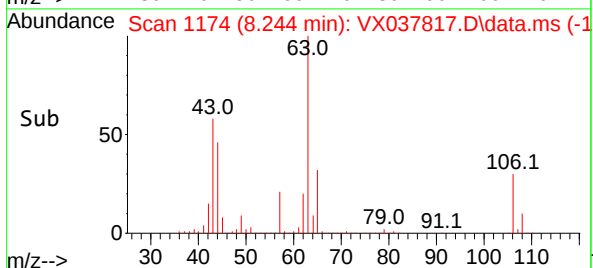
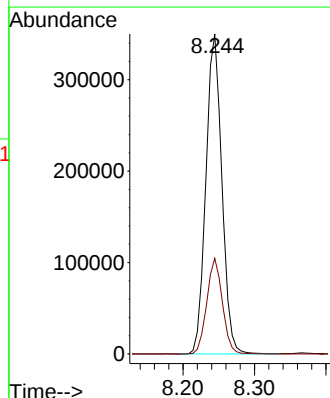
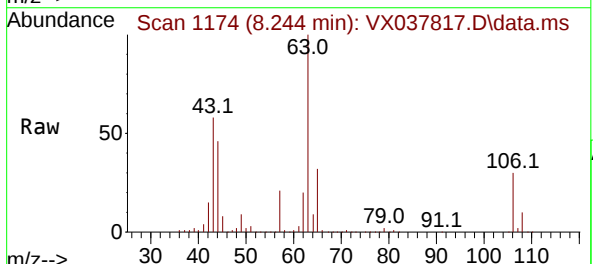
Acq: 19 Sep 2023 19:56

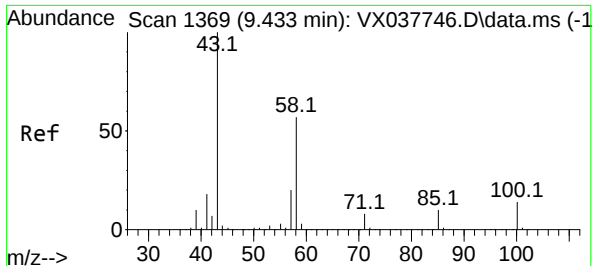
Tgt Ion: 63 Resp: 543016

Ion Ratio Lower Upper

63 100

106 29.1 22.5 33.7





#59

2-Hexanone

Concen: 222.722 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. -0.000 min

Lab File: VX037817.D

Acq: 19 Sep 2023 19:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 746058

Ion Ratio Lower Upper

43 100

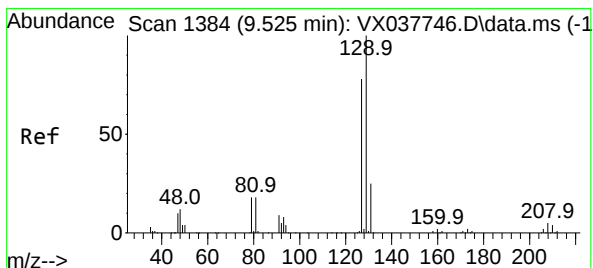
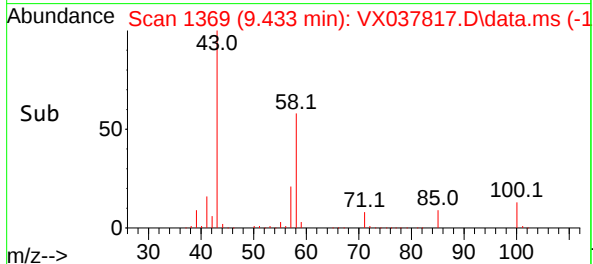
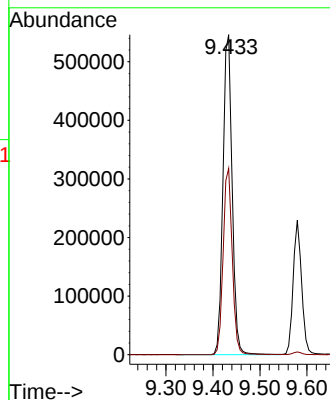
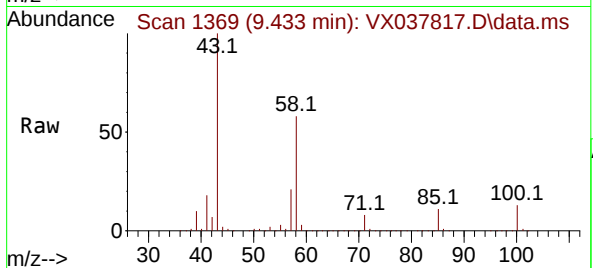
58 57.6 26.2 78.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/20/2023

Supervised By :Mahesh Dadoda 09/20/2023



#60

Dibromochloromethane

Concen: 50.662 ug/l

RT: 9.525 min Scan# 1384

Delta R.T. 0.006 min

Lab File: VX037817.D

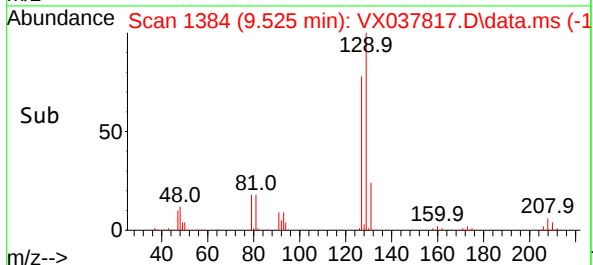
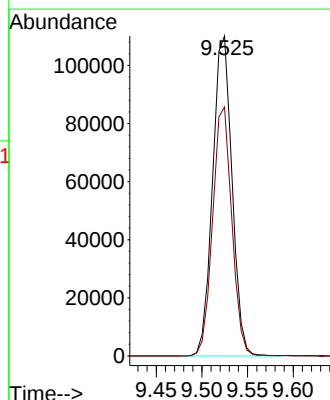
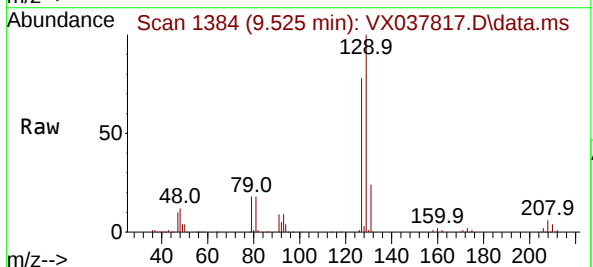
Acq: 19 Sep 2023 19:56

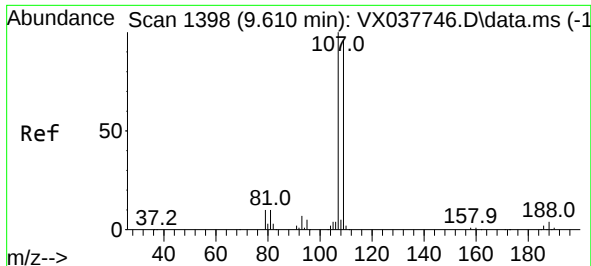
Tgt Ion:129 Resp: 162673

Ion Ratio Lower Upper

129 100

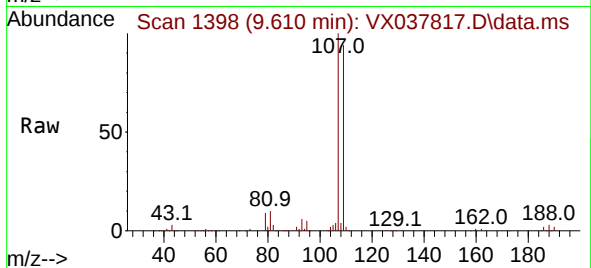
127 77.0 38.8 116.4





#61
1,2-Dibromoethane
Concen: 49.300 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX037817.D
Acq: 19 Sep 2023 19:56

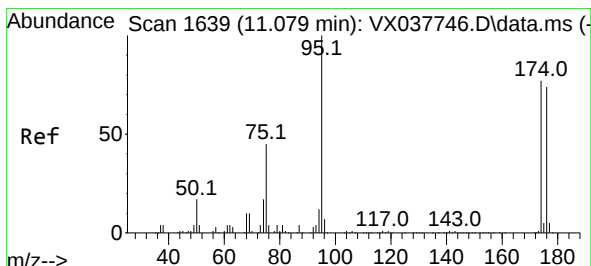
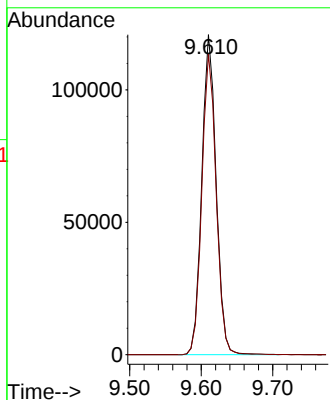
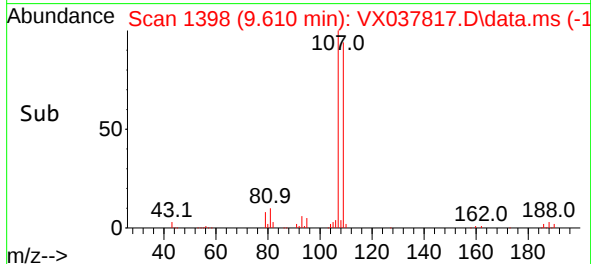
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



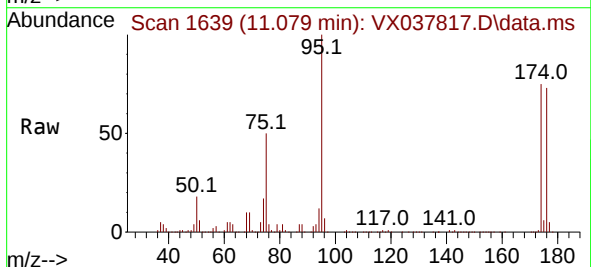
Tgt Ion:107 Resp: 16824
Ion Ratio Lower Upper
107 100
109 94.2 75.2 112.8

Manual Integrations
APPROVED

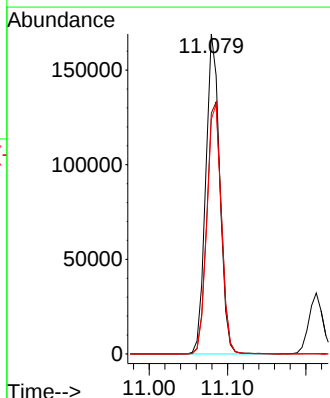
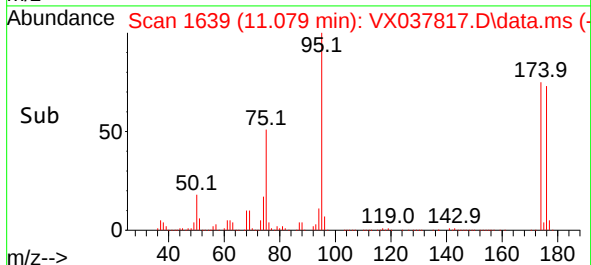
Reviewed By :John Carlone 09/20/2023
Supervised By :Mahesh Dadoda 09/20/2023

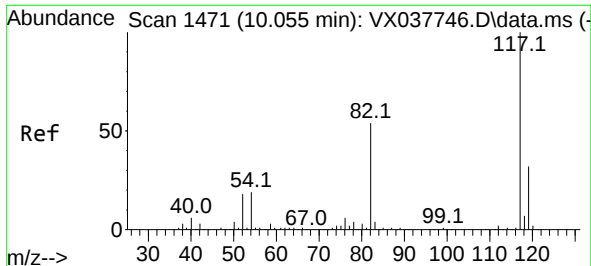


#62
4-Bromofluorobenzene
Concen: 55.294 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037817.D
Acq: 19 Sep 2023 19:56



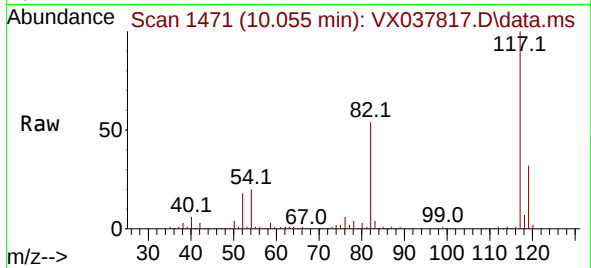
Tgt Ion: 95 Resp: 209056
Ion Ratio Lower Upper
95 100
174 82.1 0.0 135.6
176 80.2 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037817.D
Acq: 19 Sep 2023 19:56

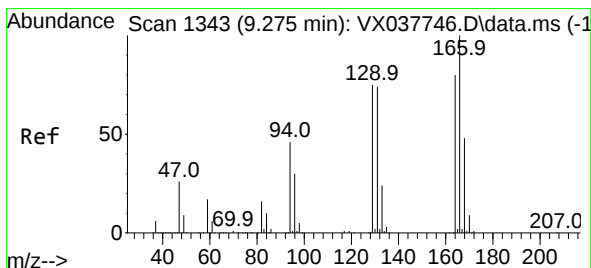
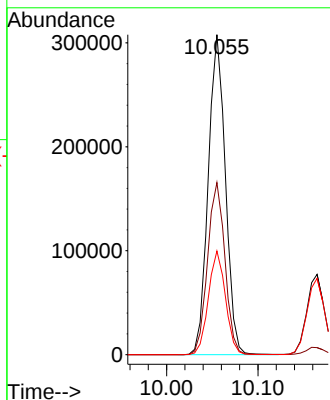
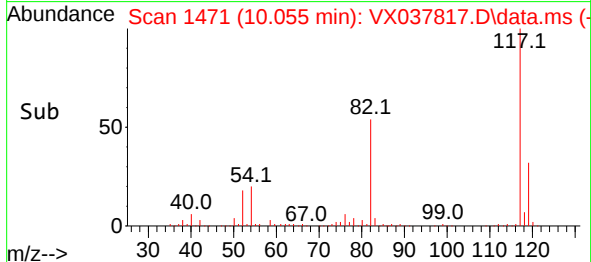
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 400902
Ion Ratio Lower Upper
117 100
82 53.8 46.2 69.4
119 32.4 25.5 38.3

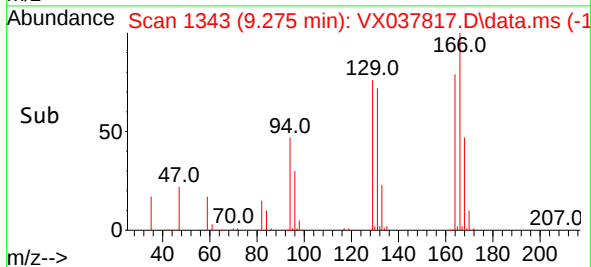
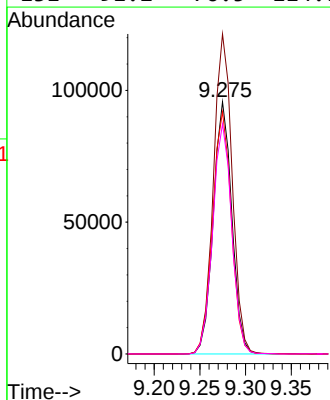
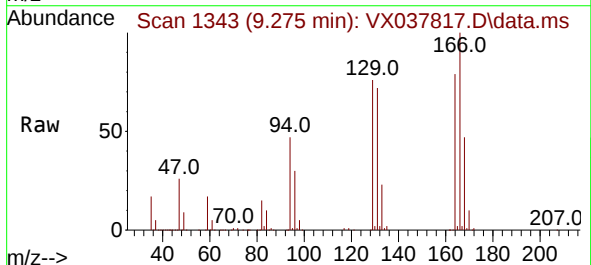
Manual Integrations
APPROVED

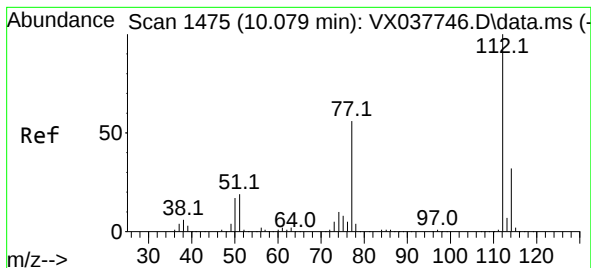
Reviewed By :John Carlone 09/20/2023
Supervised By :Mahesh Dadoda 09/20/2023



#64
Tetrachloroethene
Concen: 49.336 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX037817.D
Acq: 19 Sep 2023 19:56

Tgt Ion:164 Resp: 134888
Ion Ratio Lower Upper
164 100
166 126.9 102.7 154.1
129 96.0 80.4 120.6
131 91.2 76.5 114.7





#65

Chlorobenzene

Concen: 46.989 ug/l

RT: 10.079 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VX037817.D

Acq: 19 Sep 2023 19:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:112 Resp: 40633

Ion Ratio Lower Upper

112 100

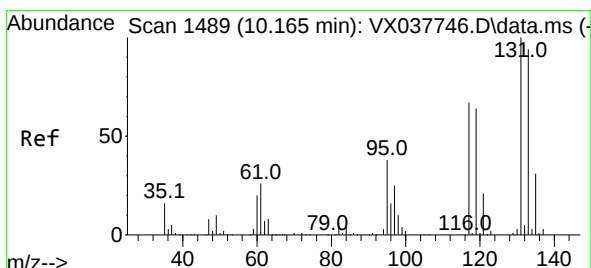
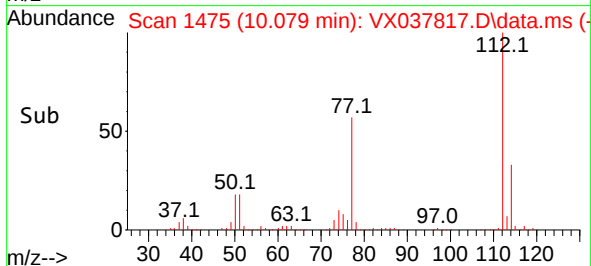
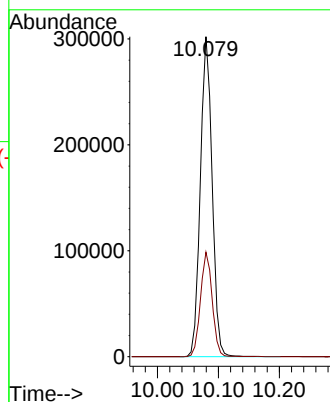
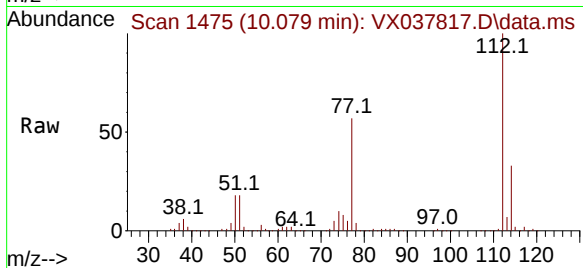
114 32.7 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/20/2023

Supervised By :Mahesh Dadoda 09/20/2023



#66

1,1,1,2-Tetrachloroethane

Concen: 49.605 ug/l

RT: 10.165 min Scan# 1489

Delta R.T. -0.000 min

Lab File: VX037817.D

Acq: 19 Sep 2023 19:56

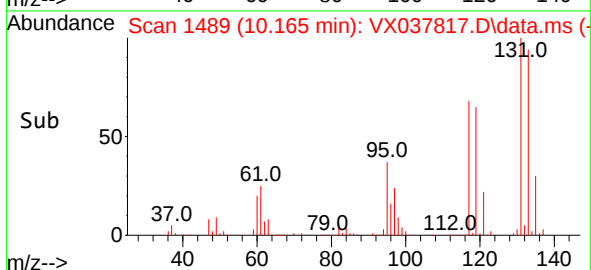
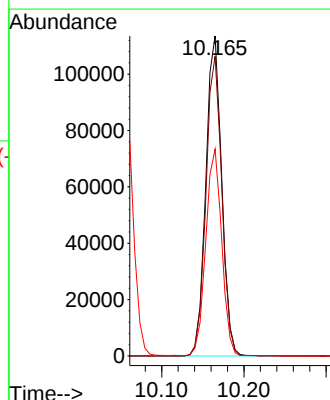
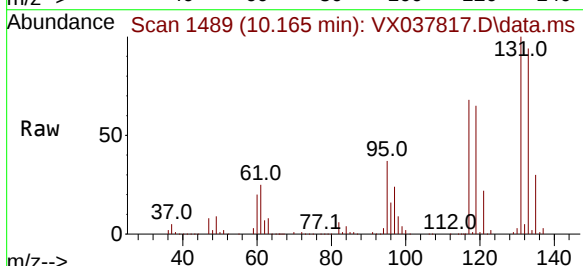
Tgt Ion:131 Resp: 152014

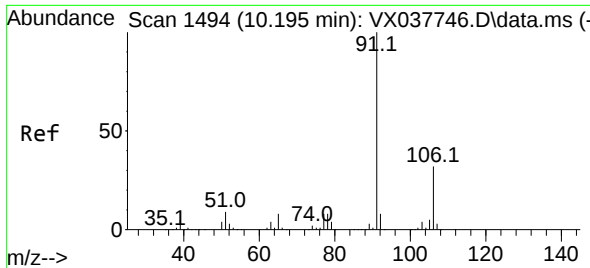
Ion Ratio Lower Upper

131 100

133 93.7 47.1 141.4

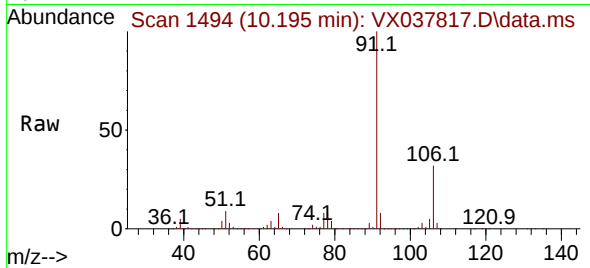
119 65.2 32.2 96.6





#67
Ethyl Benzene
Concen: 48.153 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX037817.D
Acq: 19 Sep 2023 19:56

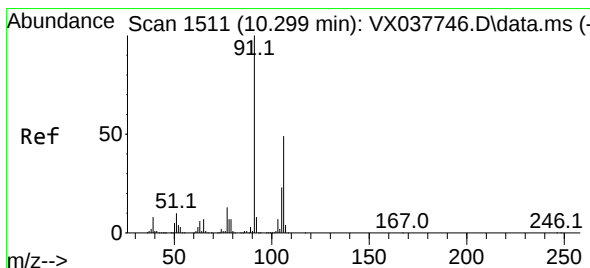
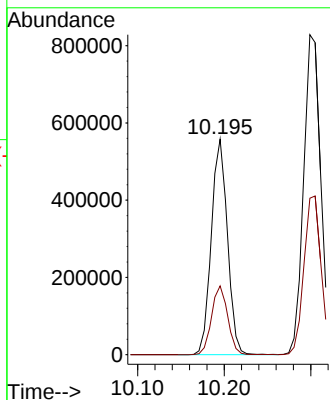
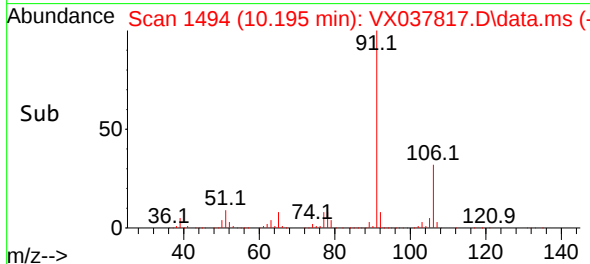
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



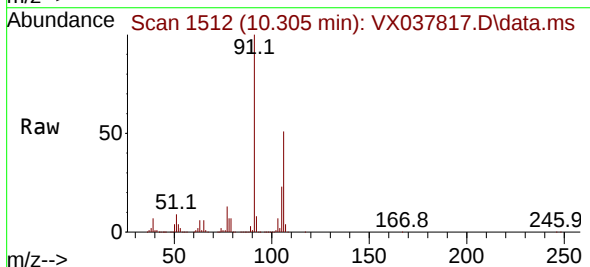
Tgt Ion: 91 Resp: 72194
Ion Ratio Lower Upper
91 100
106 31.9 24.9 37.3

Manual Integrations
APPROVED

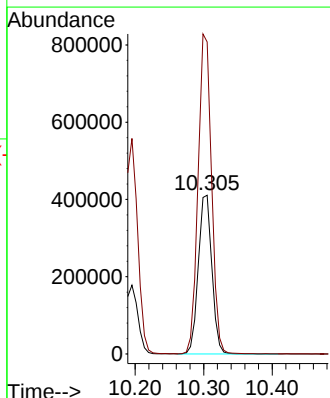
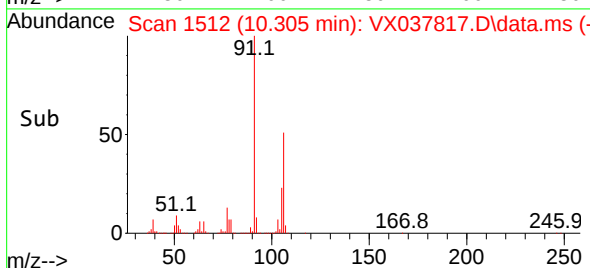
Reviewed By :John Carlone 09/20/2023
Supervised By :Mahesh Dadoda 09/20/2023

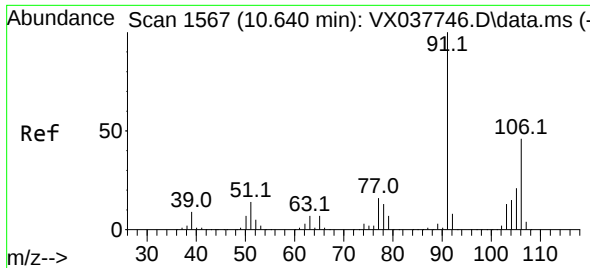


#68
m/p-Xylenes
Concen: 97.821 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX037817.D
Acq: 19 Sep 2023 19:56



Tgt Ion:106 Resp: 566712
Ion Ratio Lower Upper
106 100
91 200.5 165.5 248.3





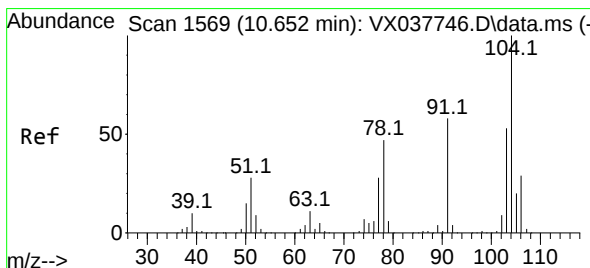
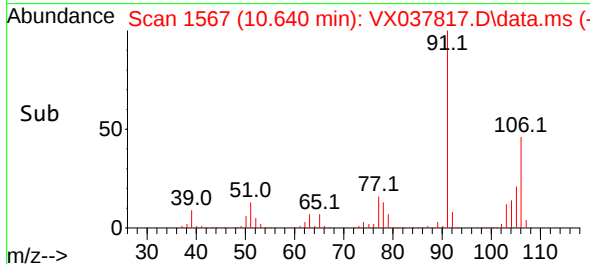
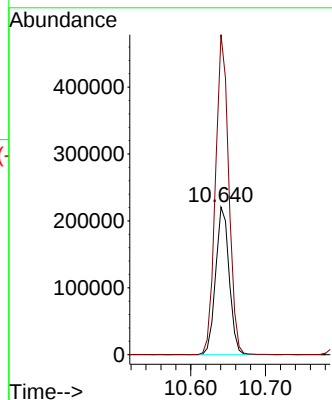
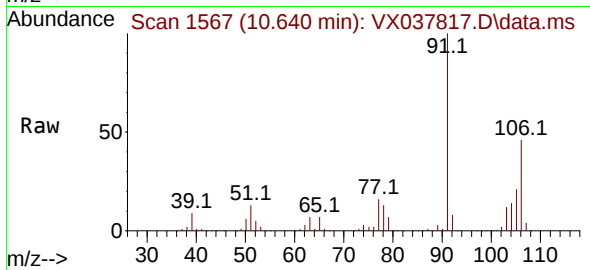
#69
o-Xylene
Concen: 47.870 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.006 min
Lab File: VX037817.D
Acq: 19 Sep 2023 19:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 278100
Ion Ratio Lower Upper
106 100
91 213.3 108.9 326.8

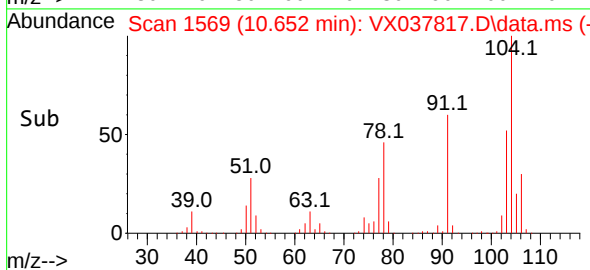
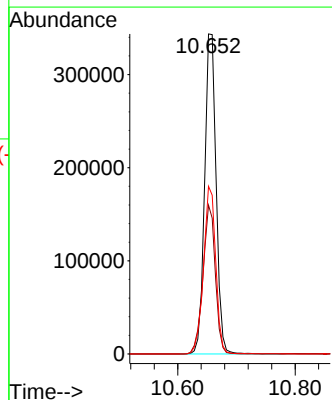
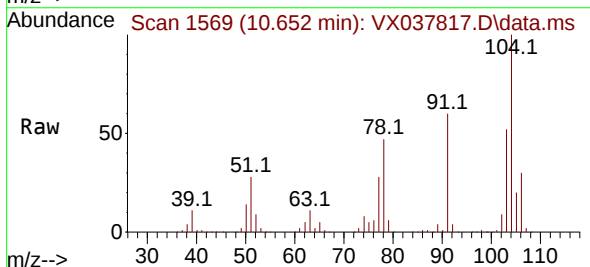
Manual Integrations
APPROVED

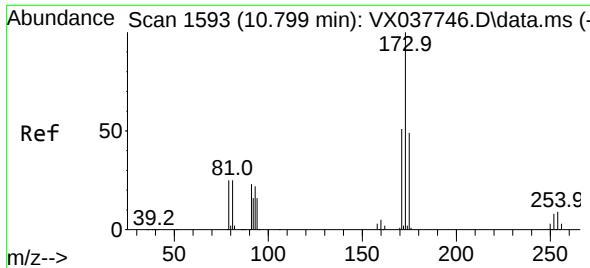
Reviewed By :John Carlone 09/20/2023
Supervised By :Mahesh Dadoda 09/20/2023



#70
Styrene
Concen: 50.183 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.006 min
Lab File: VX037817.D
Acq: 19 Sep 2023 19:56

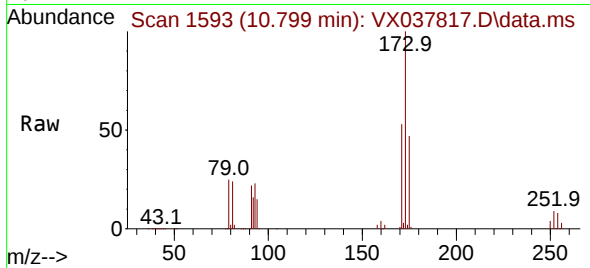
Tgt Ion:104 Resp: 468031
Ion Ratio Lower Upper
104 100
78 49.7 43.6 65.4
103 55.6 43.6 65.4





#71
Bromoform
Concen: 51.247 ug/l
RT: 10.799 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX037817.D
Acq: 19 Sep 2023 19:56

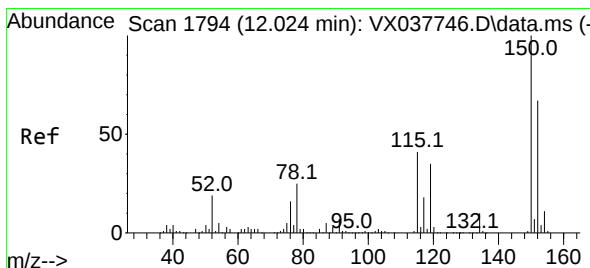
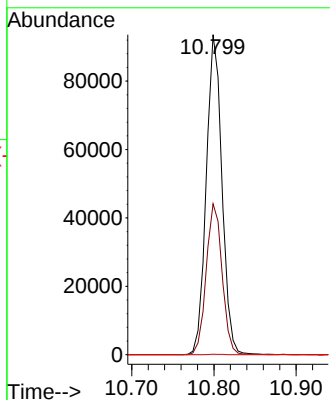
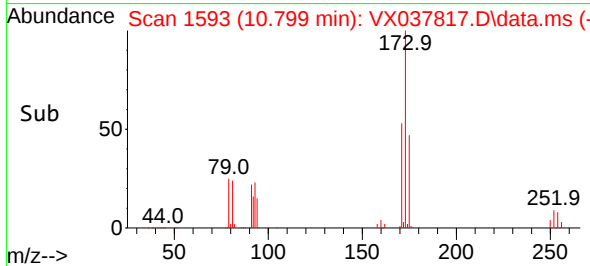
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:173 Resp: 124062
Ion Ratio Lower Upper
173 100
175 47.7 24.1 72.4
254 0.1 0.0 0.0

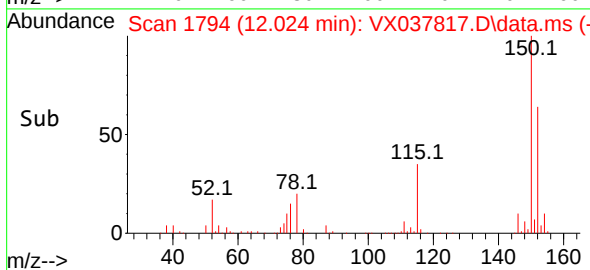
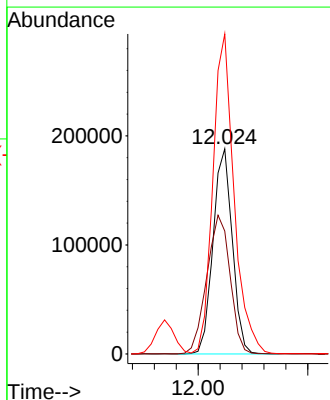
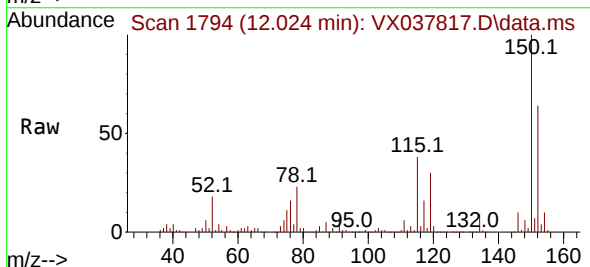
Manual Integrations
APPROVED

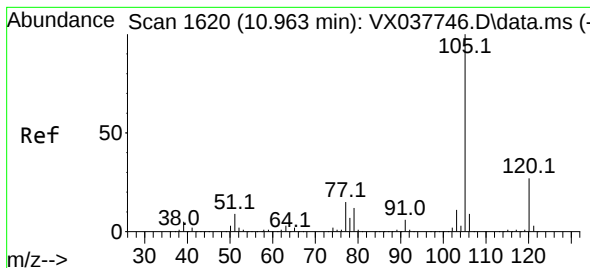
Reviewed By :John Carlone 09/20/2023
Supervised By :Mahesh Dadoda 09/20/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX037817.D
Acq: 19 Sep 2023 19:56

Tgt Ion:152 Resp: 229671
Ion Ratio Lower Upper
152 100
115 82.2 43.3 129.9
150 171.4 0.0 345.0





#73

Isopropylbenzene

Concen: 43.476 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. -0.000 min

Lab File: VX037817.D

Acq: 19 Sep 2023 19:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 732562

Ion Ratio Lower Upper

105 100

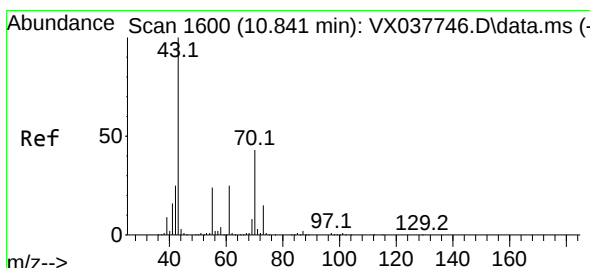
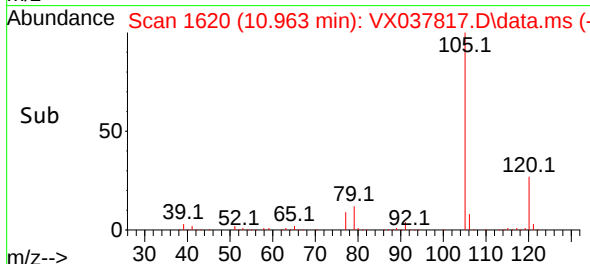
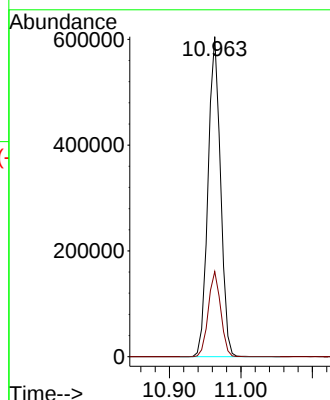
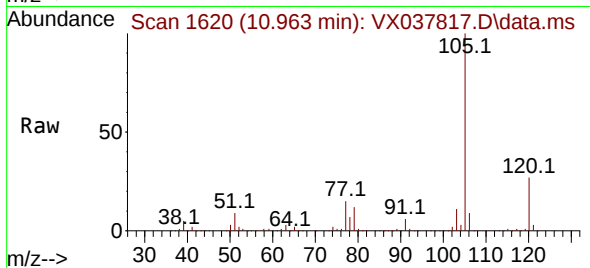
120 26.4 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/20/2023

Supervised By :Mahesh Dadoda 09/20/2023



#74

N-ethyl acetate

Concen: 44.035 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. -0.006 min

Lab File: VX037817.D

Acq: 19 Sep 2023 19:56

Tgt Ion: 43 Resp: 300492

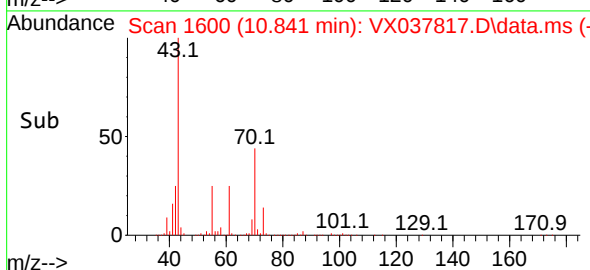
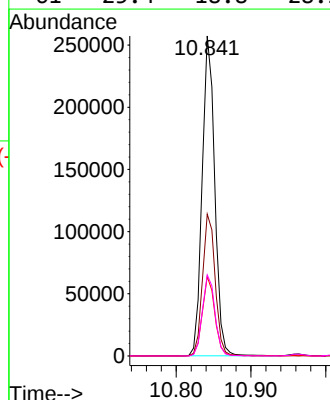
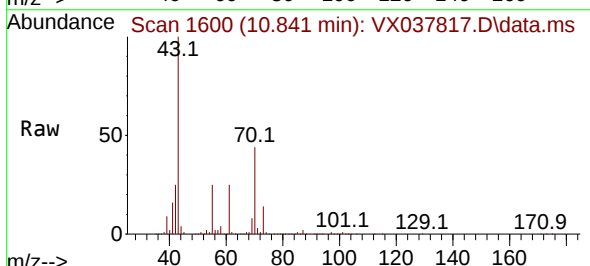
Ion Ratio Lower Upper

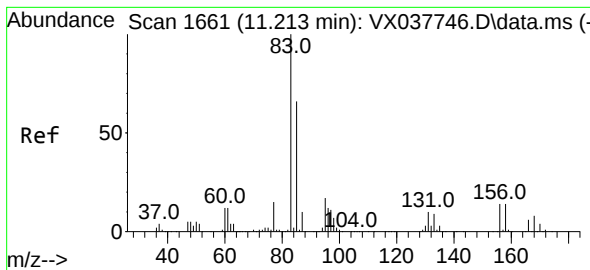
43 100

70 44.7 32.9 49.3

55 24.7 19.3 28.9

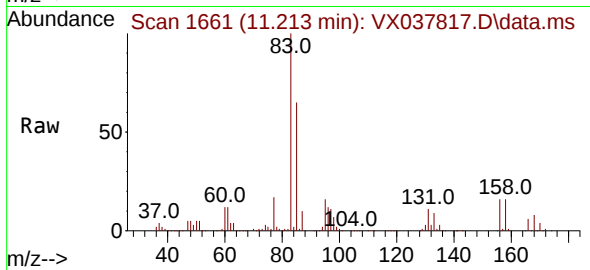
61 25.4 18.8 28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 42.337 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX037817.D
Acq: 19 Sep 2023 19:56

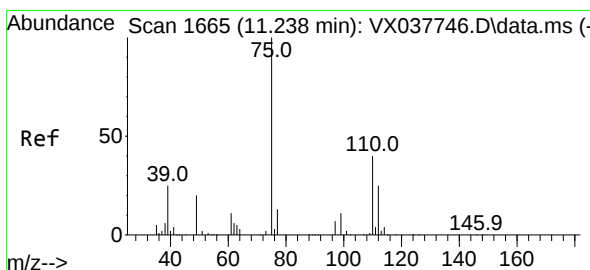
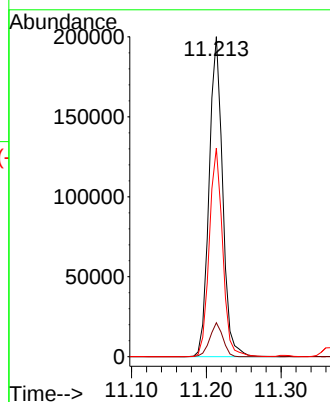
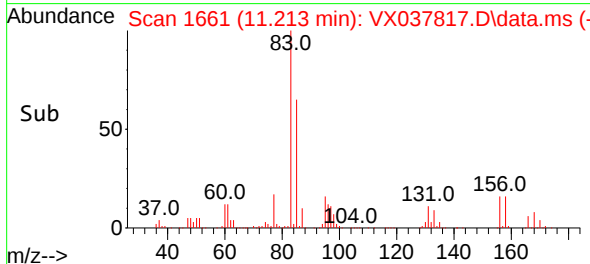
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 250890
Ion Ratio Lower Upper
83 100
131 10.3 5.3 15.8
85 64.6 32.0 96.2

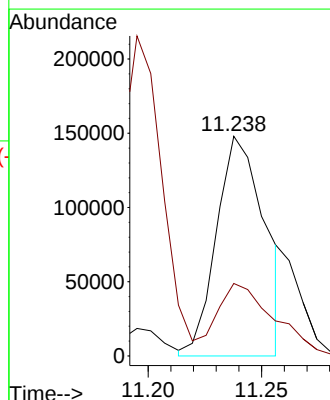
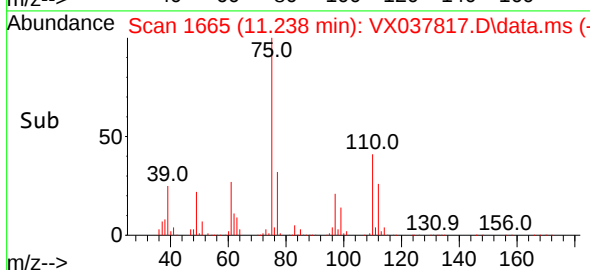
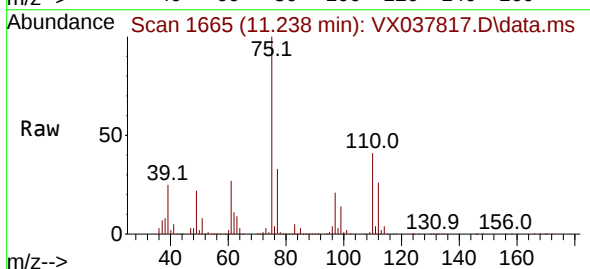
Manual Integrations
APPROVED

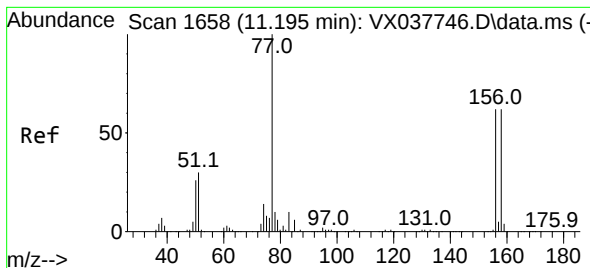
Reviewed By :John Carlone 09/20/2023
Supervised By :Mahesh Dadoda 09/20/2023



#76
1,2,3-Trichloropropane
Concen: 41.140 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX037817.D
Acq: 19 Sep 2023 19:56

Tgt Ion: 75 Resp: 218537
Ion Ratio Lower Upper
75 100
77 39.3 19.1 57.5





#77

Bromobenzene

Concen: 44.281 ug/l

RT: 11.195 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX037817.D

Acq: 19 Sep 2023 19:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

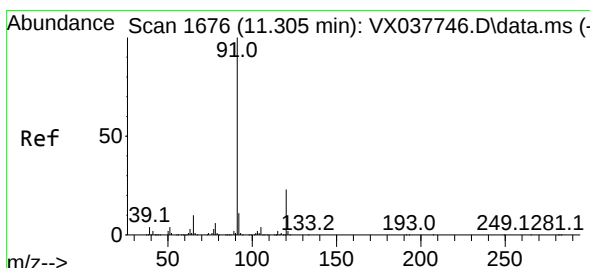
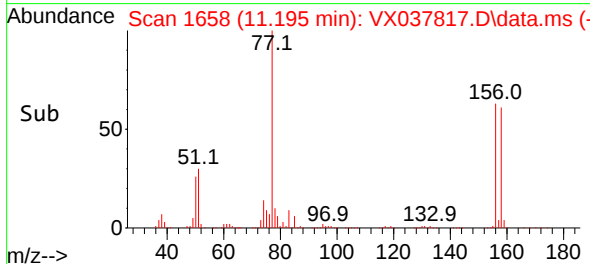
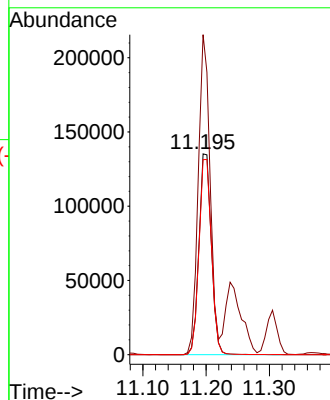
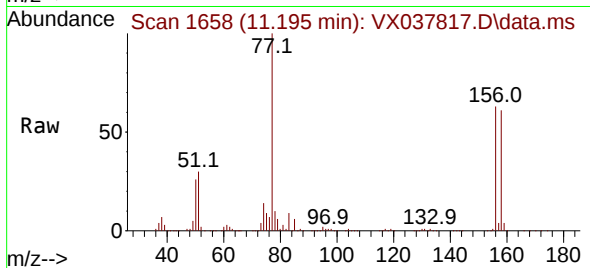
Tgt Ion:	156	Resp:	18467
Ion Ratio	Lower	Upper	
156	100		
77	151.5	88.4	265.3
158	97.9	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/20/2023

Supervised By :Mahesh Dadoda 09/20/2023



#78

n-propylbenzene

Concen: 45.617 ug/l

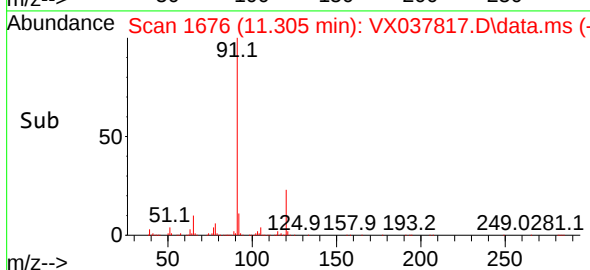
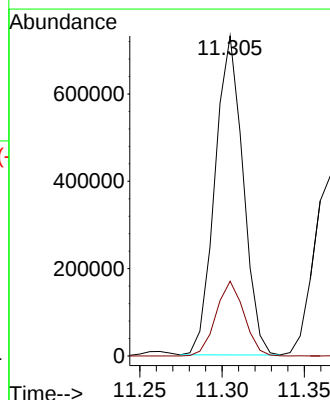
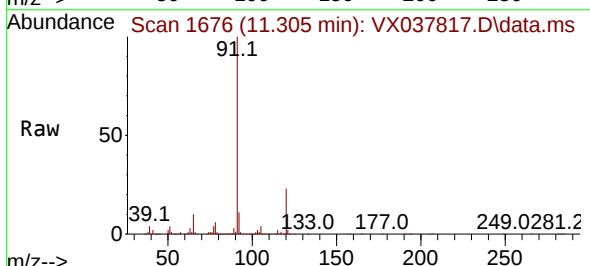
RT: 11.305 min Scan# 1676

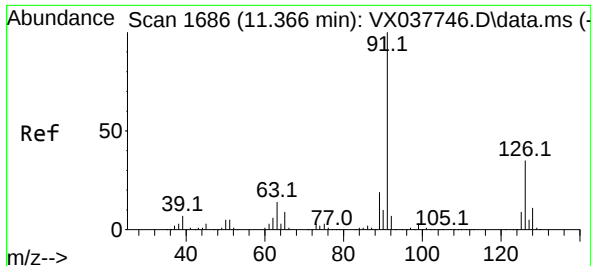
Delta R.T. -0.000 min

Lab File: VX037817.D

Acq: 19 Sep 2023 19:56

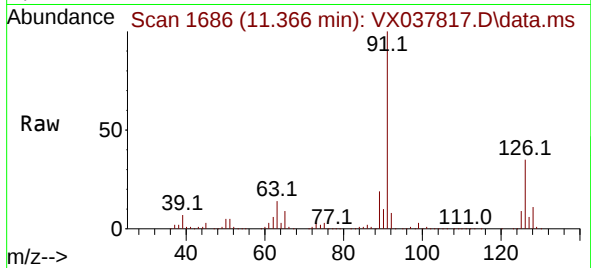
Tgt Ion:	91	Resp:	868064
Ion Ratio	Lower	Upper	
91	100		
120	23.4	11.5	34.4





#79
2-Chlorotoluene
Concen: 43.798 ug/l
RT: 11.366 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VX037817.D
Acq: 19 Sep 2023 19:56

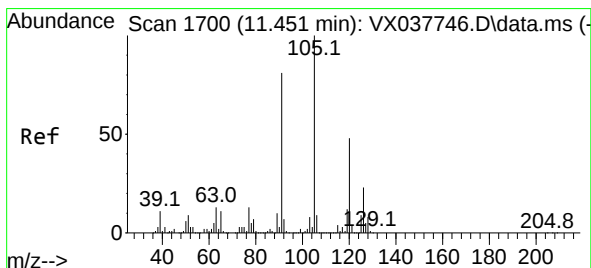
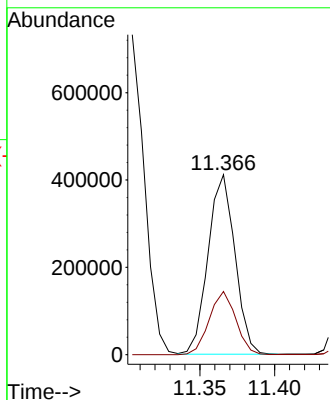
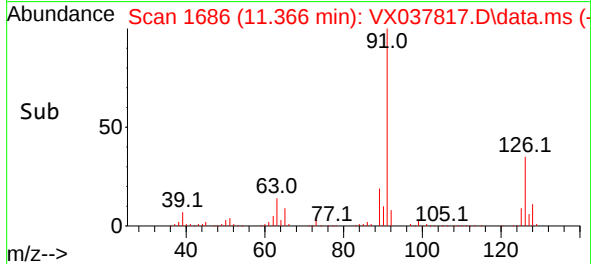
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 51388
Ion Ratio Lower Upper
91 100
126 34.8 16.3 48.8

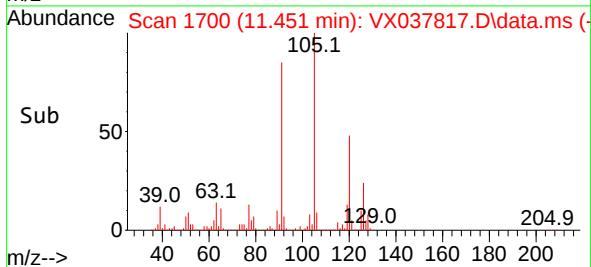
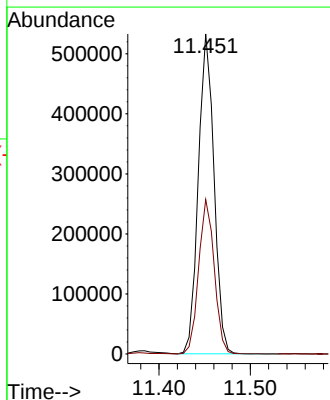
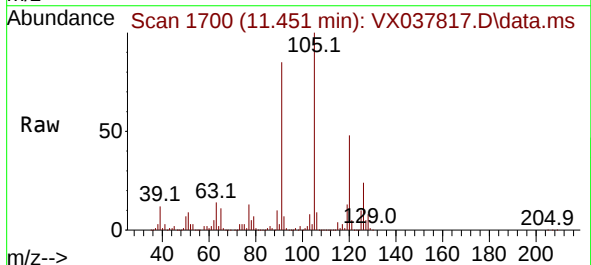
Manual Integrations
APPROVED

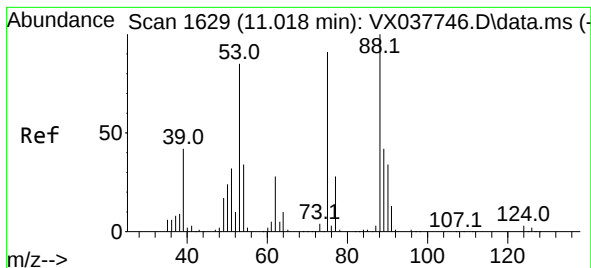
Reviewed By :John Carlone 09/20/2023
Supervised By :Mahesh Dadoda 09/20/2023



#80
1,3,5-Trimethylbenzene
Concen: 44.562 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX037817.D
Acq: 19 Sep 2023 19:56

Tgt Ion:105 Resp: 634107
Ion Ratio Lower Upper
105 100
120 48.0 24.1 72.3





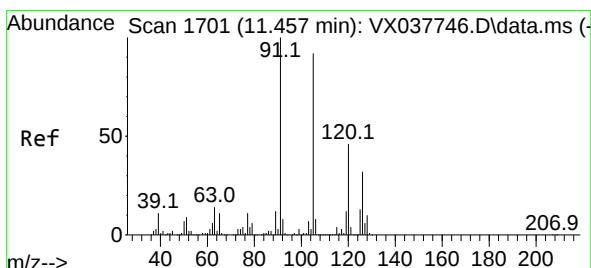
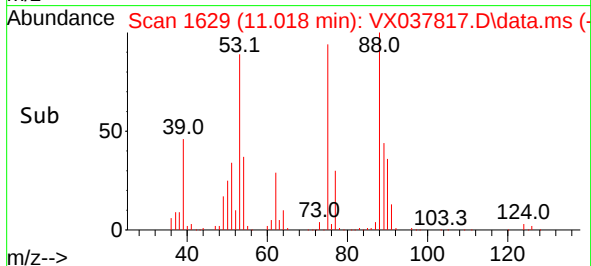
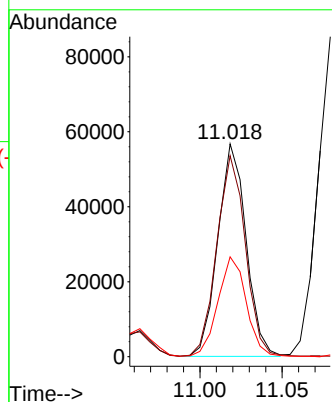
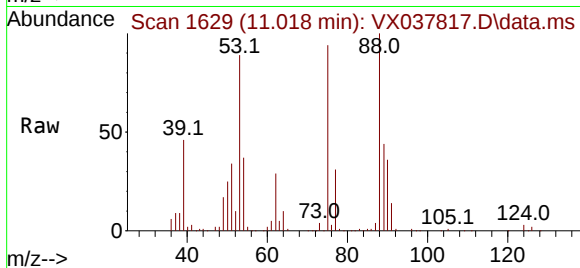
#81
trans-1,4-Dichloro-2-butene
Concen: 40.939 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX037817.D
Acq: 19 Sep 2023 19:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 67889
Ion Ratio Lower Upper
75 100
53 96.3 90.5 135.7
89 46.9 36.9 55.3

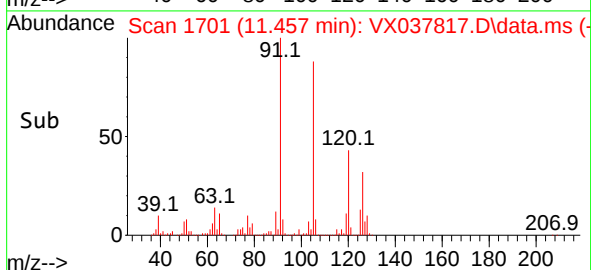
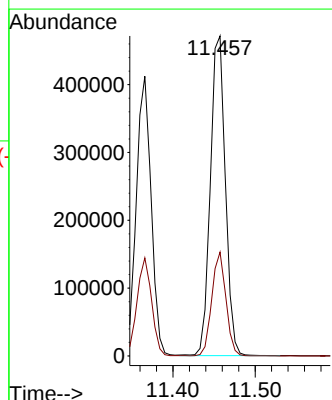
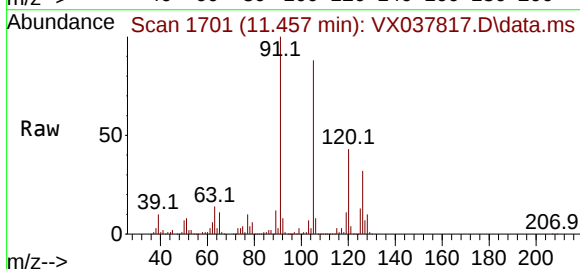
Manual Integrations
APPROVED

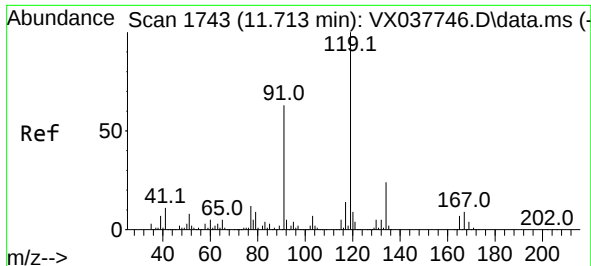
Reviewed By :John Carlone 09/20/2023
Supervised By :Mahesh Dadoda 09/20/2023



#82
4-Chlorotoluene
Concen: 45.287 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VX037817.D
Acq: 19 Sep 2023 19:56

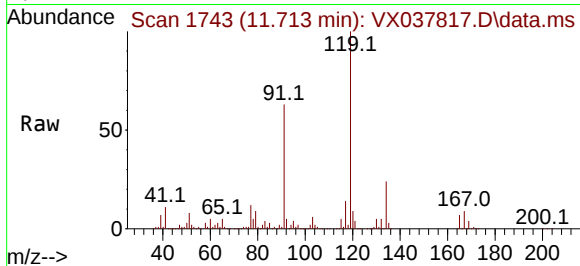
Tgt Ion: 91 Resp: 598216
Ion Ratio Lower Upper
91 100
126 30.7 14.2 42.6





#83
tert-Butylbenzene
Concen: 44.755 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX037817.D
Acq: 19 Sep 2023 19:56

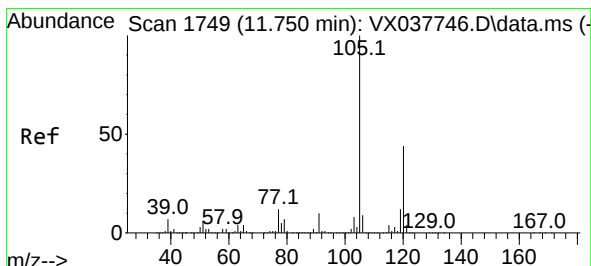
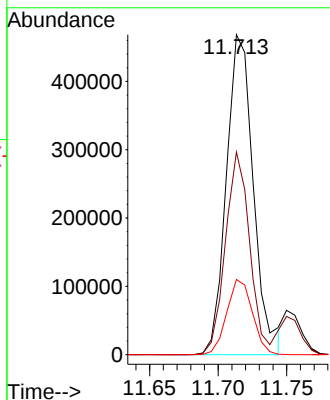
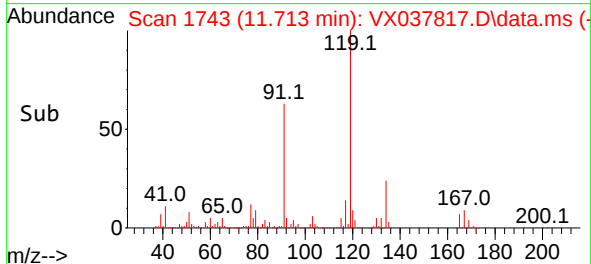
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:119 Resp: 643642
Ion Ratio Lower Upper
119 100
91 56.8 31.2 93.6
134 22.3 11.7 35.0

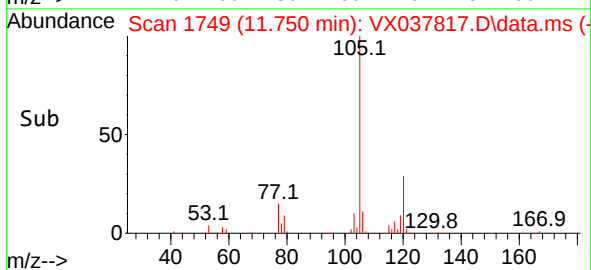
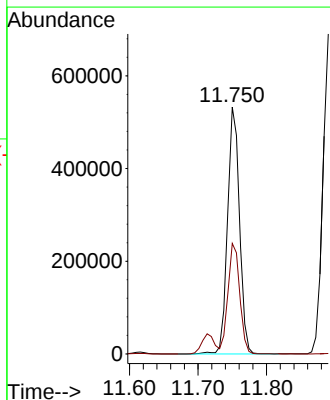
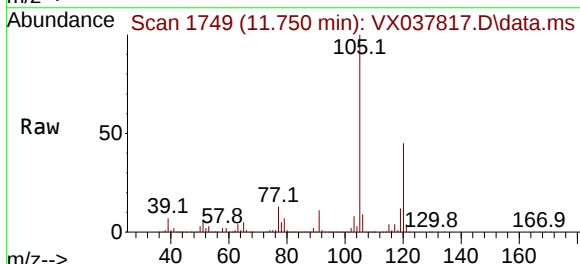
Manual Integrations
APPROVED

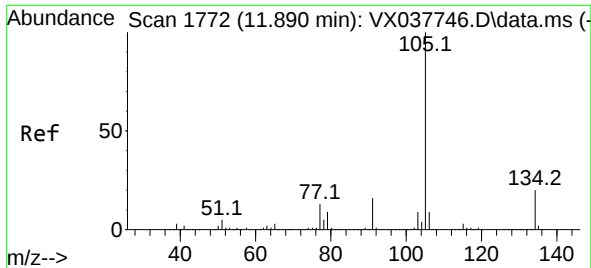
Reviewed By :John Carlone 09/20/2023
Supervised By :Mahesh Dadoda 09/20/2023



#84
1,2,4-Trimethylbenzene
Concen: 45.324 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VX037817.D
Acq: 19 Sep 2023 19:56

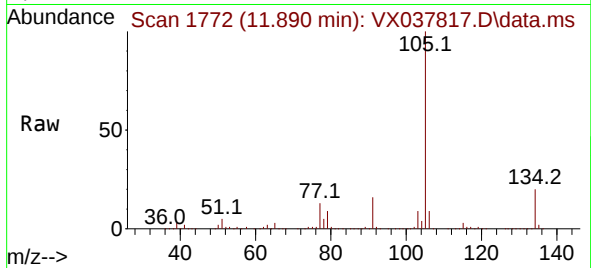
Tgt Ion:105 Resp: 641682
Ion Ratio Lower Upper
105 100
120 44.2 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 46.216 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX037817.D
 Acq: 19 Sep 2023 19:56

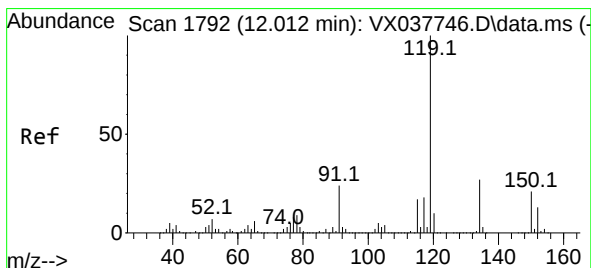
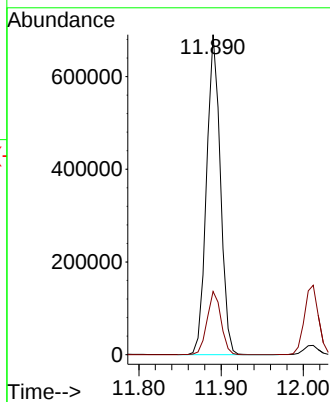
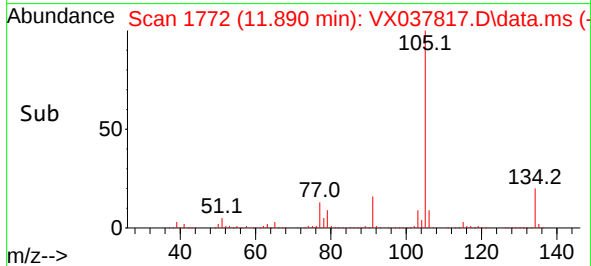
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



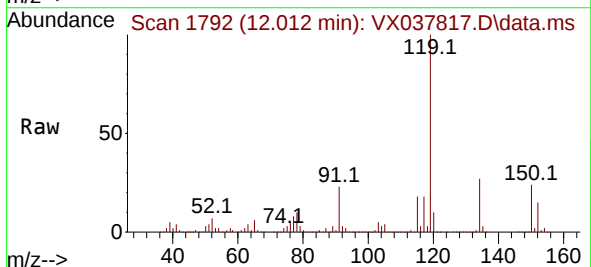
Tgt Ion:105 Resp: 806365
 Ion Ratio Lower Upper
 105 100
 134 20.0 9.8 29.4

Manual Integrations
 APPROVED

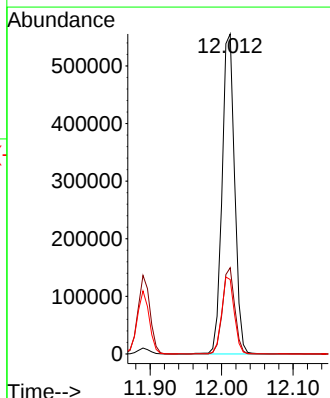
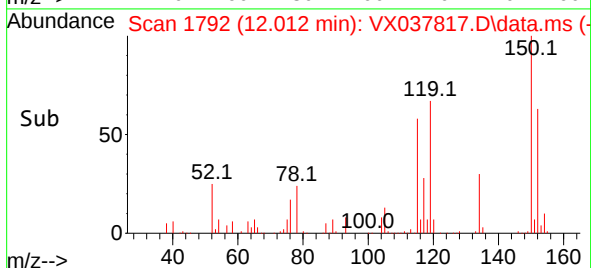
Reviewed By :John Carlone 09/20/2023
 Supervised By :Mahesh Dadoda 09/20/2023

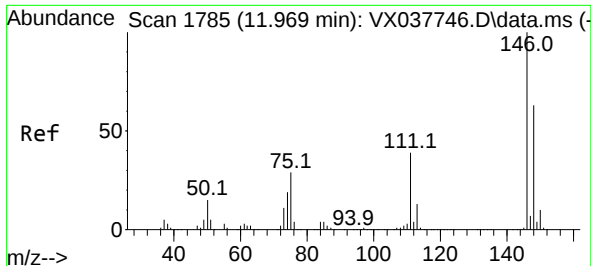


#86
 p-Isopropyltoluene
 Concen: 46.668 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. -0.000 min
 Lab File: VX037817.D
 Acq: 19 Sep 2023 19:56



Tgt Ion:119 Resp: 678395
 Ion Ratio Lower Upper
 119 100
 134 26.4 12.8 38.3
 91 24.0 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 45.993 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX037817.D

Acq: 19 Sep 2023 19:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 357559

Ion Ratio Lower Upper

146 100

111 40.6 22.1 66.1

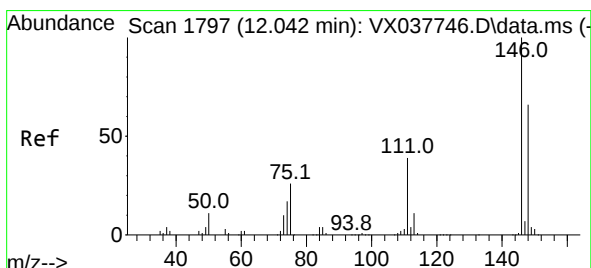
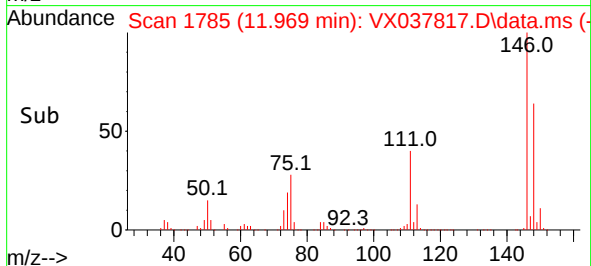
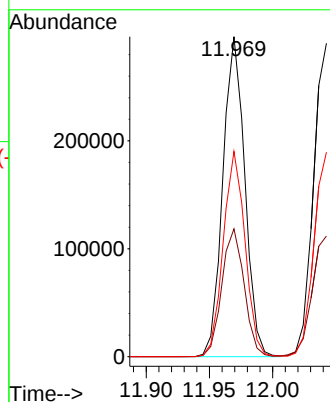
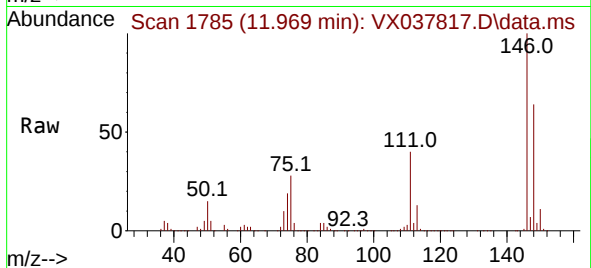
148 63.7 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/20/2023

Supervised By :Mahesh Dadoda 09/20/2023



#88

1,4-Dichlorobenzene

Concen: 45.552 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX037817.D

Acq: 19 Sep 2023 19:56

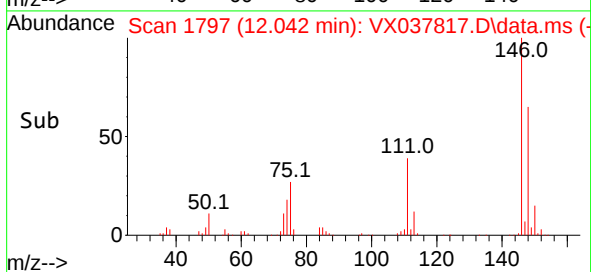
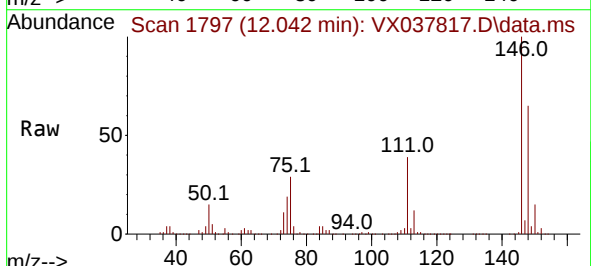
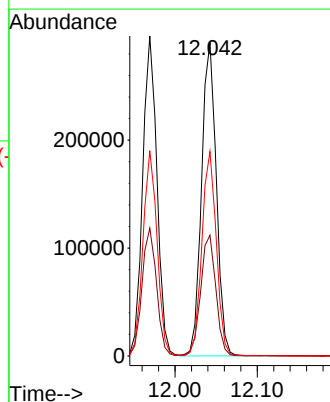
Tgt Ion:146 Resp: 362382

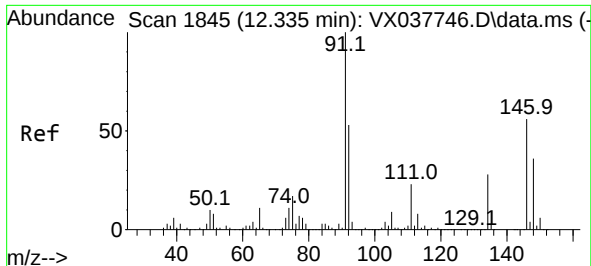
Ion Ratio Lower Upper

146 100

111 39.7 21.3 63.7

148 64.2 31.8 95.4





#89

n-Butylbenzene

Concen: 49.571 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX037817.D

Acq: 19 Sep 2023 19:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 63126

Ion Ratio Lower Upper

91 100

92 51.8 27.4 82.0

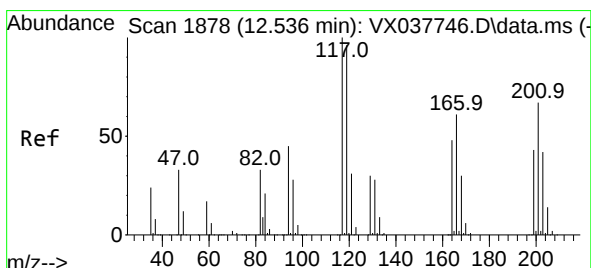
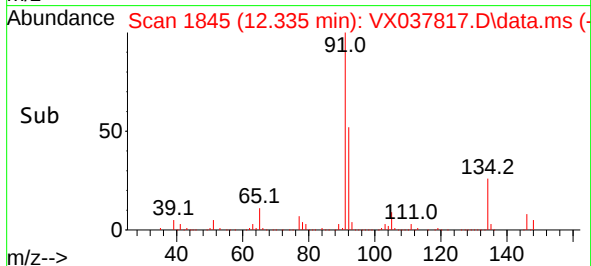
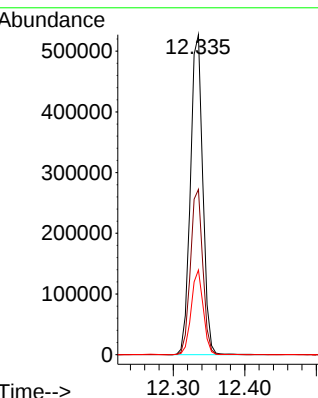
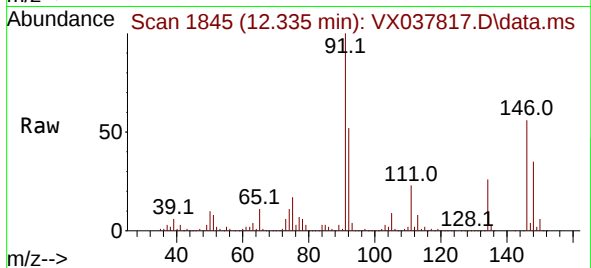
134 25.7 12.6 37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/20/2023

Supervised By :Mahesh Dadoda 09/20/2023



#90

Hexachloroethane

Concen: 47.218 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. -0.000 min

Lab File: VX037817.D

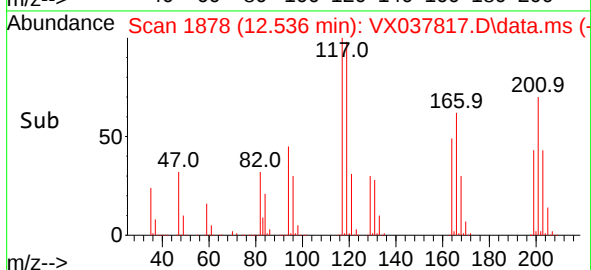
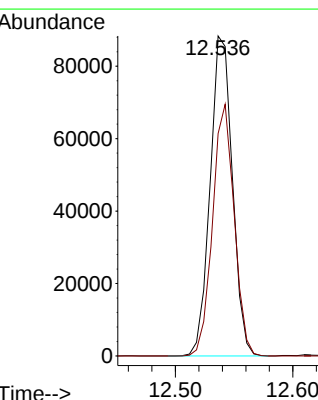
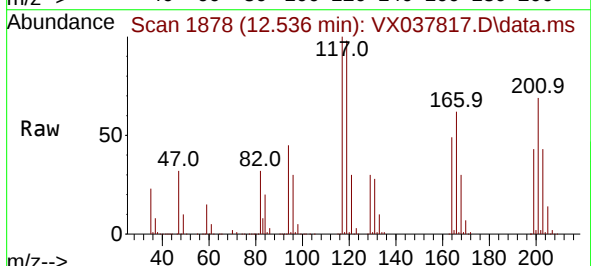
Acq: 19 Sep 2023 19:56

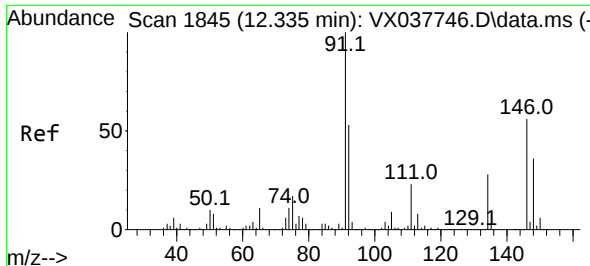
Tgt Ion:117 Resp: 116297

Ion Ratio Lower Upper

117 100

201 76.3 32.9 98.6





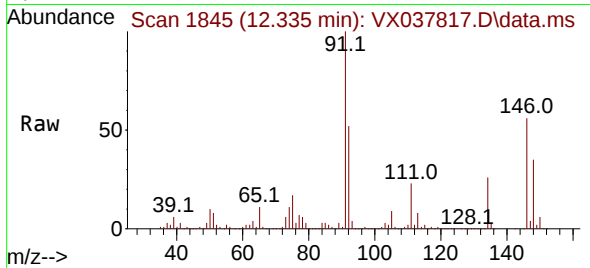
#91
1,2-Dichlorobenzene
Concen: 45.408 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX037817.D
Acq: 19 Sep 2023 19:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



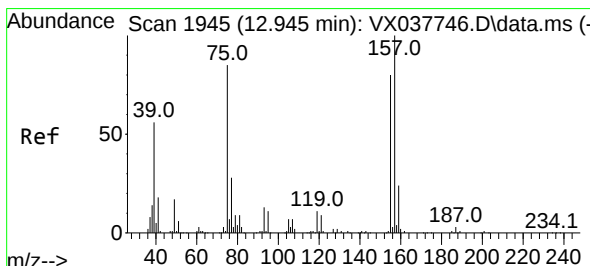
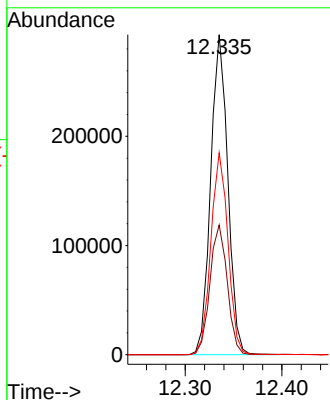
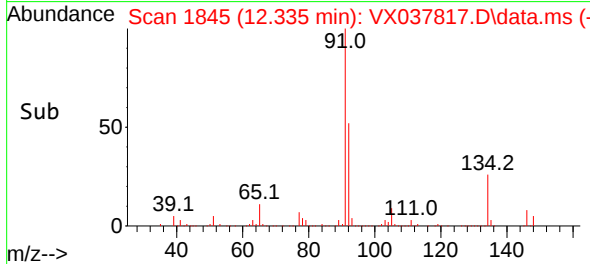
Tgt Ion:146 Resp: 360419
Ion Ratio Lower Upper
146 100
111 41.1 22.4 67.0
148 63.3 31.6 95.0

Manual Integrations

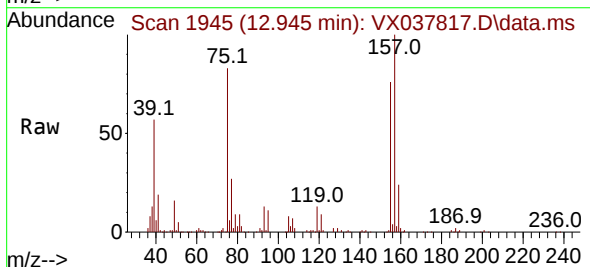
APPROVED

Reviewed By :John Carlone 09/20/2023

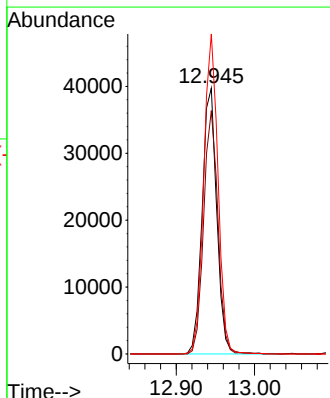
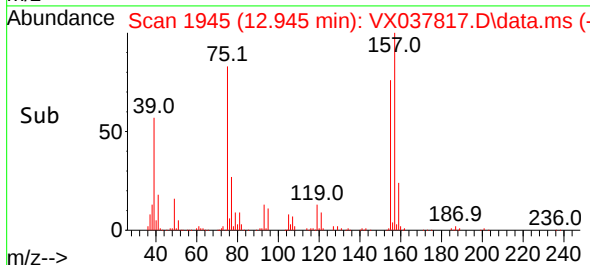
Supervised By :Mahesh Dadoda 09/20/2023

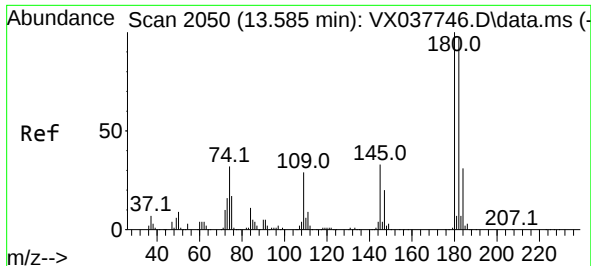


#92
1,2-Dibromo-3-Chloropropane
Concen: 43.383 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX037817.D
Acq: 19 Sep 2023 19:56



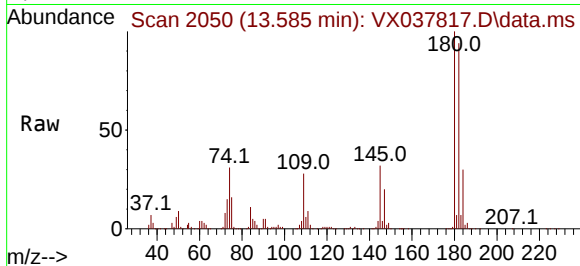
Tgt Ion: 75 Resp: 51246
Ion Ratio Lower Upper
75 100
155 89.4 36.1 108.5
157 117.4 44.9 134.7





#93
1,2,4-Trichlorobenzene
Concen: 50.858 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.006 min
Lab File: VX037817.D
Acq: 19 Sep 2023 19:56

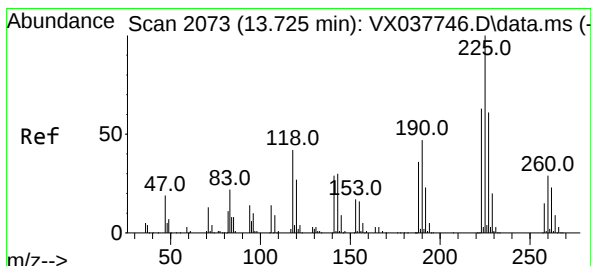
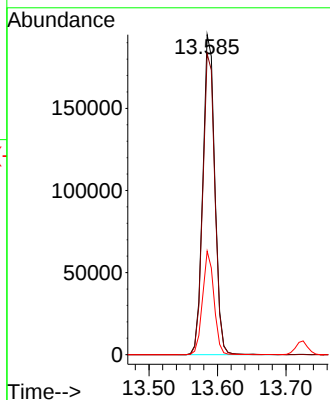
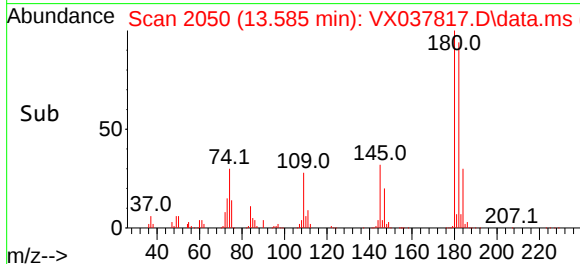
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



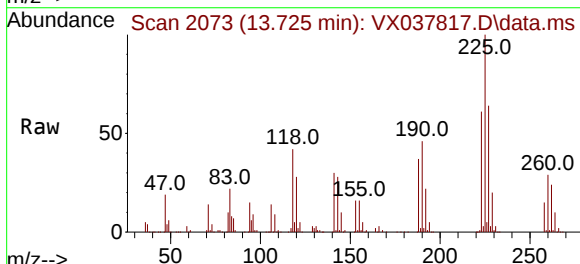
Tgt Ion:180 Resp: 237780
Ion Ratio Lower Upper
180 100
182 95.2 48.3 144.8
145 30.8 18.0 54.0

Manual Integrations
APPROVED

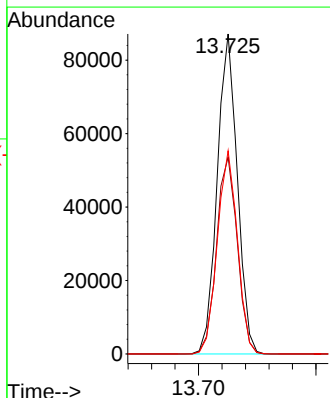
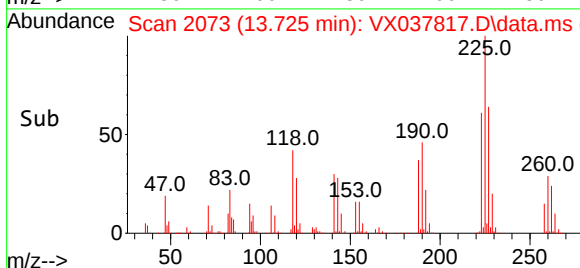
Reviewed By :John Carlone 09/20/2023
Supervised By :Mahesh Dadoda 09/20/2023

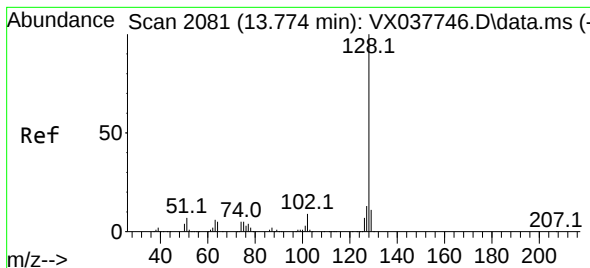


#94
Hexachlorobutadiene
Concen: 47.415 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX037817.D
Acq: 19 Sep 2023 19:56



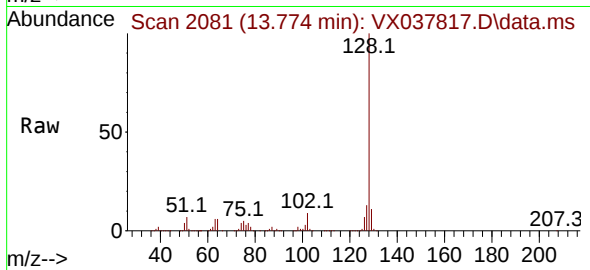
Tgt Ion:225 Resp: 103526
Ion Ratio Lower Upper
225 100
223 63.4 31.1 93.2
227 63.5 32.5 97.5





#95
Naphthalene
Concen: 47.590 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VX037817.D
Acq: 19 Sep 2023 19:56

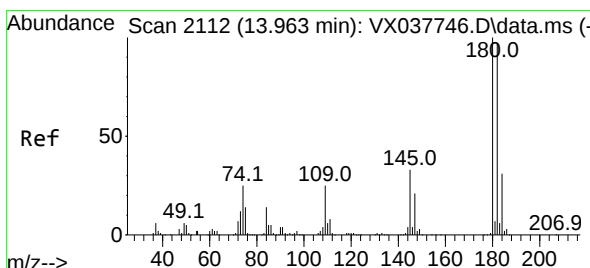
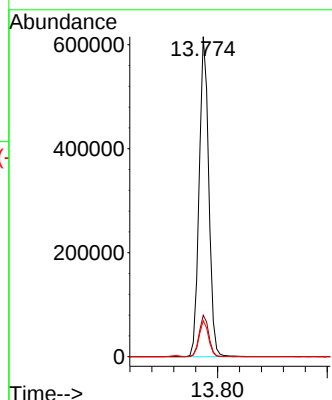
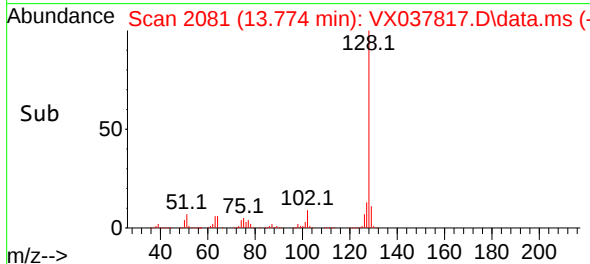
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 752519
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 11.0 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/20/2023
Supervised By :Mahesh Dadoda 09/20/2023



#96
1,2,3-Trichlorobenzene
Concen: 48.060 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX037817.D
Acq: 19 Sep 2023 19:56

Tgt Ion:180 Resp: 231241
Ion Ratio Lower Upper
180 100
182 95.3 46.9 140.6
145 33.0 17.8 53.5

