

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092023\
 Data File : VX037819.D
 Acq On : 20 Sep 2023 09:33
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/21/2023
 Supervised By : Mahesh Dadoda 09/21/2023

Quant Time: Sep 21 05:50:58 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	5.550	168	277859	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	441756	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	422791	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	242969	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	149872	41.054	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	82.100%		
35) Dibromofluoromethane	5.385	113	128846	43.591	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	87.180%		
50) Toluene-d8	8.647	98	485756	44.229	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	88.460%#		
62) 4-Bromofluorobenzene	11.079	95	188041	47.117	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	94.240%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	121702	41.555	ug/l	100
3) Chloromethane	1.295	50	129448	40.623	ug/l	99
4) Vinyl Chloride	1.374	62	142788	41.535	ug/l	99
5) Bromomethane	1.599	94	149902	60.909	ug/l	100
6) Chloroethane	1.685	64	95019	40.121	ug/l	98
7) Trichlorofluoromethane	1.886	101	240302	43.479	ug/l	99
8) Diethyl Ether	2.130	74	88491	41.327	ug/l	83
9) 1,1,2-Trichlorotrifluo...	2.331	101	123370	43.984	ug/l	96
10) Methyl Iodide	2.453	142	149622	40.309	ug/l	92
11) Tert butyl alcohol	2.959	59	144332	184.191	ug/l	# 93
12) 1,1-Dichloroethene	2.319	96	115321	42.542	ug/l	89
13) Acrolein	2.233	56	165069	213.233	ug/l	98
14) Allyl chloride	2.666	41	187151	41.453	ug/l	# 95
15) Acrylonitrile	3.063	53	350355	201.096	ug/l	99
16) Acetone	2.374	43	370490	210.963	ug/l	# 89
17) Carbon Disulfide	2.514	76	275529	40.540	ug/l	100
18) Methyl Acetate	2.703	43	255835	40.383	ug/l	93
19) Methyl tert-butyl Ether	3.111	73	421016	42.221	ug/l	99
20) Methylene Chloride	2.788	84	141248	43.500	ug/l	88
21) trans-1,2-Dichloroethene	3.087	96	131441	43.667	ug/l	89
22) Diisopropyl ether	3.757	45	404798	43.044	ug/l	89
23) Vinyl Acetate	3.721	43	1501120	217.008	ug/l	95
24) 1,1-Dichloroethane	3.605	63	238997	42.409	ug/l	99
25) 2-Butanone	4.550	43	502336	202.697	ug/l	91
26) 2,2-Dichloropropane	4.477	77	200071	43.937	ug/l	95
27) cis-1,2-Dichloroethene	4.483	96	158291	42.895	ug/l	90
28) Bromochloromethane	4.898	49	111247	42.315	ug/l	# 83
29) Tetrahydrofuran	5.001	42	302279	196.091	ug/l	90
30) Chloroform	5.093	83	261038	42.999	ug/l	95
31) Cyclohexane	5.471	56	203927	43.522	ug/l	93
32) 1,1,1-Trichloroethane	5.385	97	227416	44.242	ug/l	98
36) 1,1-Dichloropropene	5.690	75	184648	45.348	ug/l	95
37) Ethyl Acetate	4.709	43	187119	41.802	ug/l	97
38) Carbon Tetrachloride	5.678	117	197139	46.273	ug/l	98
39) Methylcyclohexane	7.379	83	238894	46.227	ug/l	93
40) Benzene	6.038	78	556961	44.481	ug/l	99

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	99425	43.561	ug/l #	90
42) 1,2-Dichloroethane	6.086	62	201887	44.610	ug/l	97
43) Isopropyl Acetate	6.336	43	309771	43.278	ug/l #	95
44) Trichloroethene	7.123	130	150663	43.207	ug/l	97
45) 1,2-Dichloropropane	7.428	63	143668	44.182	ug/l	98
46) Dibromomethane	7.580	93	108257	46.282	ug/l	94
47) Bromodichloromethane	7.818	83	201261	46.719	ug/l	98
48) Methyl methacrylate	7.690	41	149897	43.808	ug/l #	88
49) 1,4-Dioxane	7.659	88	73167	815.648	ug/l #	86
51) 4-Methyl-2-Pentanone	8.574	43	971137	213.847	ug/l	95
52) Toluene	8.720	92	364495	45.169	ug/l	94
53) t-1,3-Dichloropropene	8.976	75	220184	48.882	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	236884	47.517	ug/l #	88
55) 1,1,2-Trichloroethane	9.153	97	154761	45.487	ug/l	97
56) Ethyl methacrylate	9.116	69	230360	45.354	ug/l	91
57) 1,3-Dichloropropane	9.305	76	246186	44.716	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	514787	217.051	ug/l	98
59) 2-Hexanone	9.427	43	768444	217.330	ug/l	93
60) Dibromochloromethane	9.519	129	165421	48.806	ug/l	99
61) 1,2-Dibromoethane	9.610	107	166163	46.128	ug/l	99
64) Tetrachloroethene	9.275	164	130680	45.322	ug/l	98
65) Chlorobenzene	10.080	112	403810	44.279	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	152905	47.312	ug/l	99
67) Ethyl Benzene	10.195	91	723094	45.733	ug/l	98
68) m/p-Xylenes	10.299	106	568498	93.049	ug/l	97
69) o-Xylene	10.640	106	275541	44.974	ug/l	99
70) Styrene	10.653	104	471362	47.924	ug/l	96
71) Bromoform	10.799	173	125455	49.139	ug/l #	100
73) Isopropylbenzene	10.964	105	738228	41.414	ug/l	98
74) N-amyl acetate	10.842	43	297939	41.271	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	252450	40.269	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	226094m	40.233	ug/l	
77) Bromobenzene	11.195	156	185612	42.070	ug/l	88
78) n-propylbenzene	11.305	91	881946	43.810	ug/l	98
79) 2-Chlorotoluene	11.366	91	519206	41.829	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	644320	42.802	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	76028	43.338	ug/l	88
82) 4-Chlorotoluene	11.451	91	611813	43.781	ug/l	96
83) tert-Butylbenzene	11.713	119	644065	42.333	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	647182	43.210	ug/l	97
85) sec-Butylbenzene	11.890	105	831433	45.045	ug/l	99
86) p-Isopropyltoluene	12.006	119	700037	45.521	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	362590	44.087	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	370276	43.997	ug/l	98
89) n-Butylbenzene	12.329	91	657814	48.829	ug/l	98
90) Hexachloroethane	12.536	117	120220	46.139	ug/l	87
91) 1,2-Dichlorobenzene	12.335	146	362241	43.140	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	51016	40.824	ug/l	75
93) 1,2,4-Trichlorobenzene	13.585	180	243348	49.199	ug/l	97
94) Hexachlorobutadiene	13.725	225	110767	47.955	ug/l	99
95) Naphthalene	13.774	128	742115	44.363	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	233818	45.936	ug/l	97

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ClientSampleId :
VSTDCCC050

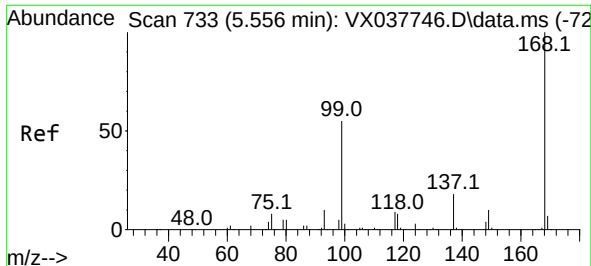
Manual Integrations
APPROVED

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Quant Title : SW846 8260
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Response via : Initial Calibration

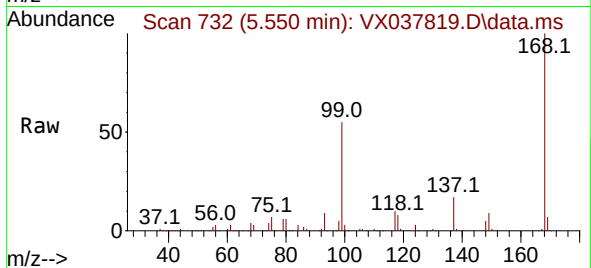
Compound	R.T.	Q	Ion	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
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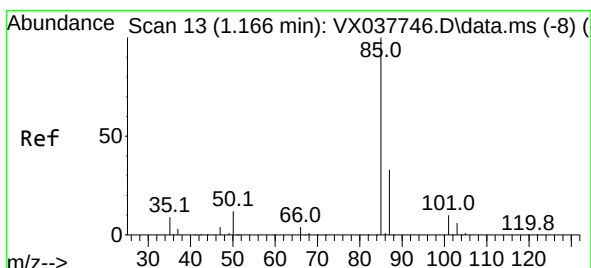
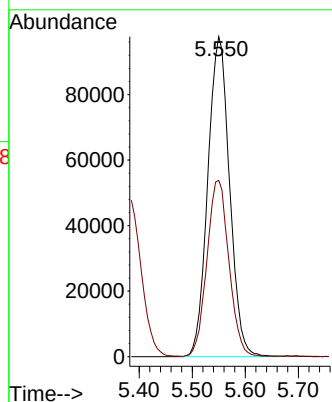
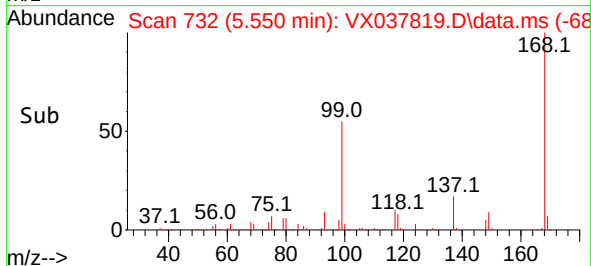
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



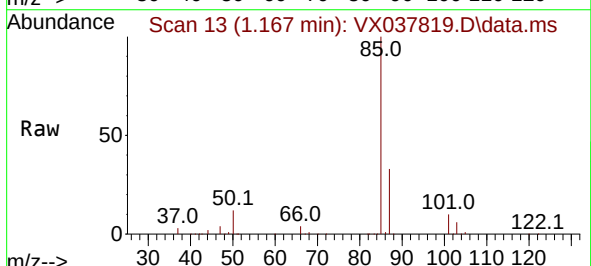
Tgt Ion:168 Resp: 277859
Ion Ratio Lower Upper
168 100
99 55.0 56.6 85.0

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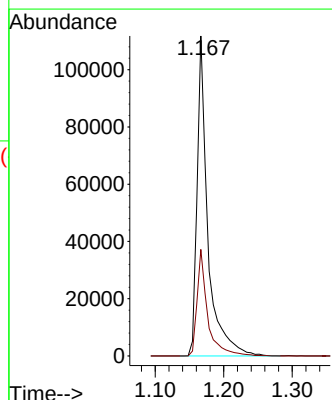
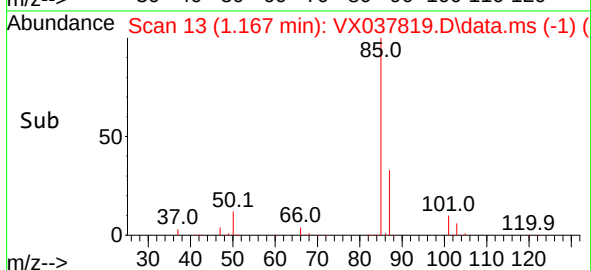
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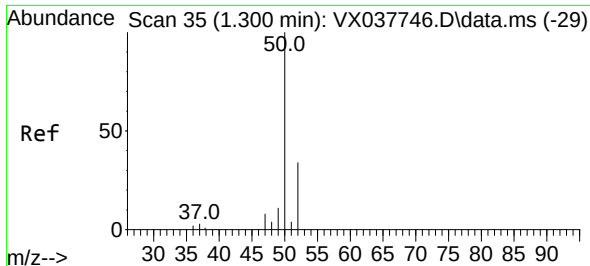


#2
Dichlorodifluoromethane
Concen: 41.555 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX037819.D
Acq: 20 Sep 2023 09:33



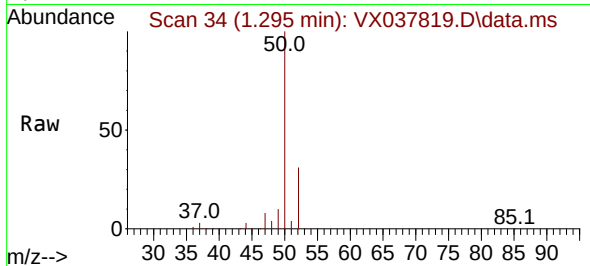
Tgt Ion: 85 Resp: 121702
Ion Ratio Lower Upper
85 100
87 33.3 16.7 50.1





#3
Chloromethane
Concen: 40.623 ug/l
RT: 1.295 min Scan# 34
Delta R.T. -0.006 min
Lab File: VX037819.D
Acq: 20 Sep 2023 09:33

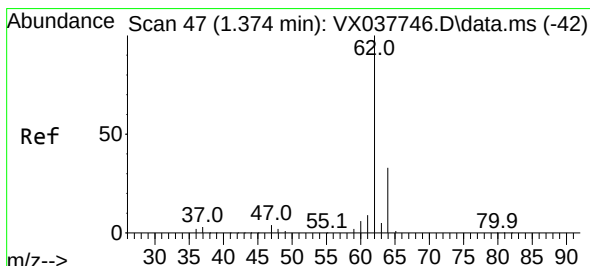
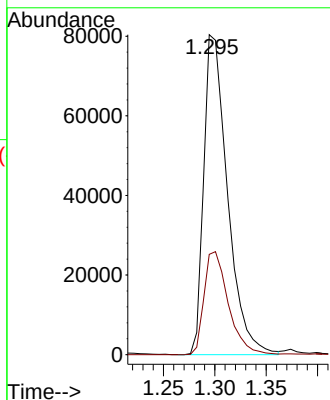
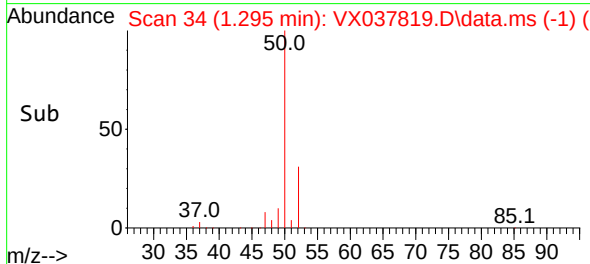
Instrument :
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Tgt Ion: 50 Resp: 129448
Ion Ratio Lower Upper
50 100
52 31.4 25.5 38.3

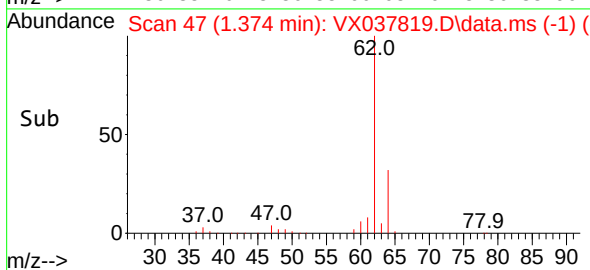
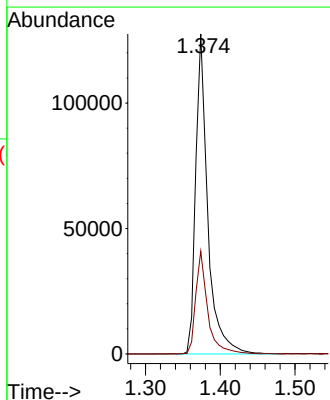
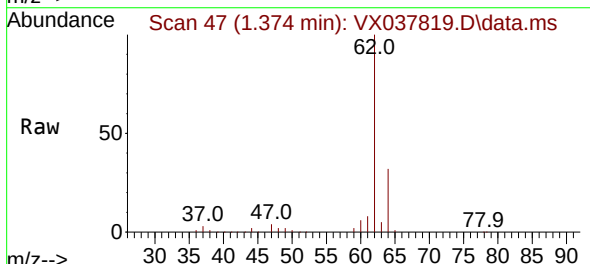
Manual Integrations
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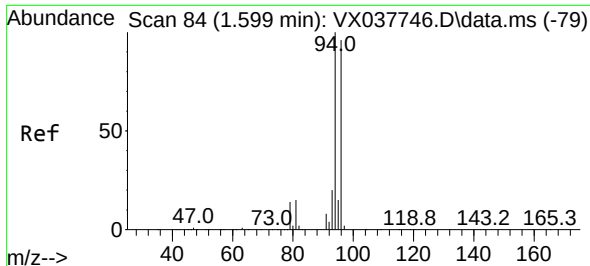
Reviewed By :John Carlone 09/21/2023
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#4
Vinyl Chloride
Concen: 41.535 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX037819.D
Acq: 20 Sep 2023 09:33

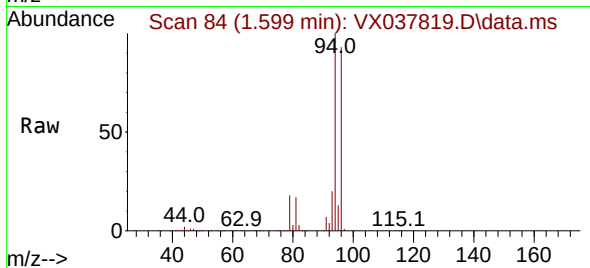
Tgt Ion: 62 Resp: 142788
Ion Ratio Lower Upper
62 100
64 32.1 25.4 38.0





#5
Bromomethane
Concen: 60.909 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX037819.D
Acq: 20 Sep 2023 09:33

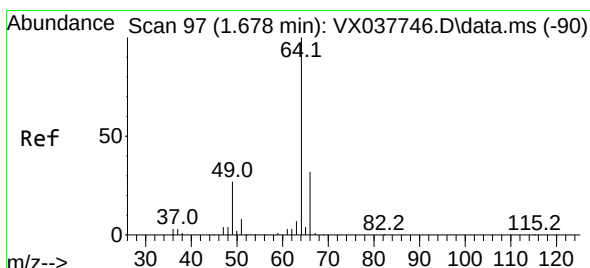
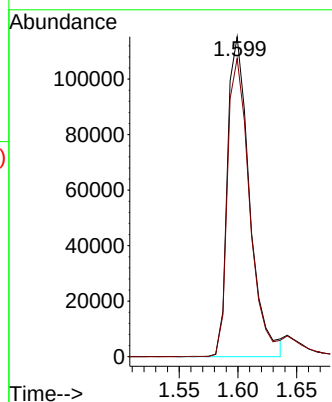
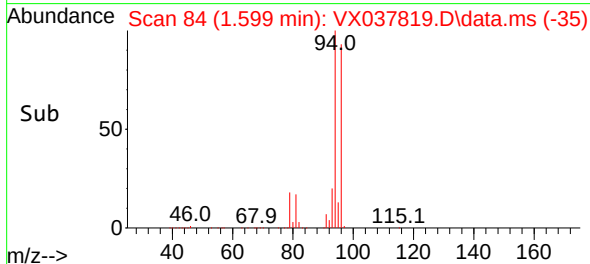
Instrument :
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Tgt Ion: 94 Resp: 14990
Ion Ratio Lower Upper
94 100
96 93.2 74.6 111.8

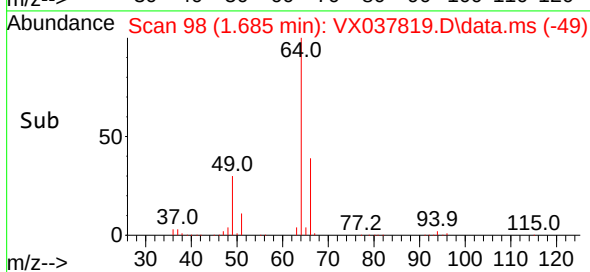
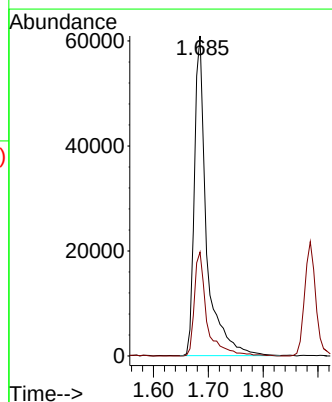
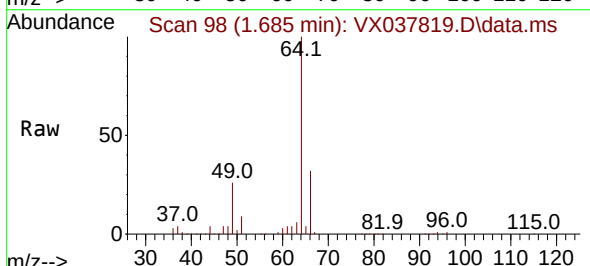
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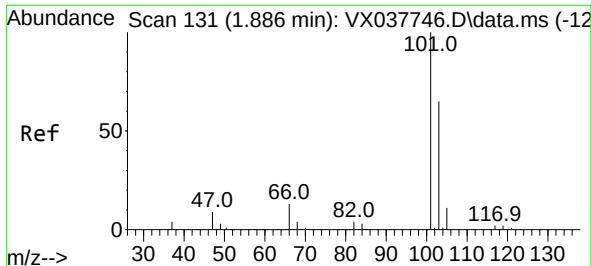
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023



#6
Chloroethane
Concen: 40.121 ug/l
RT: 1.685 min Scan# 98
Delta R.T. -0.000 min
Lab File: VX037819.D
Acq: 20 Sep 2023 09:33

Tgt Ion: 64 Resp: 95019
Ion Ratio Lower Upper
64 100
66 32.5 25.1 37.7





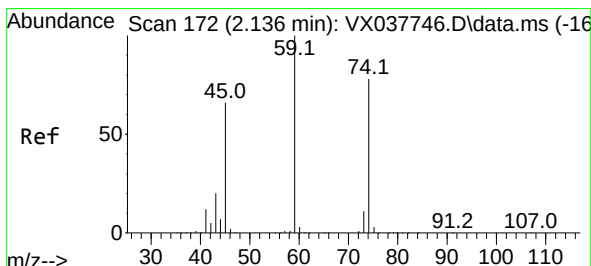
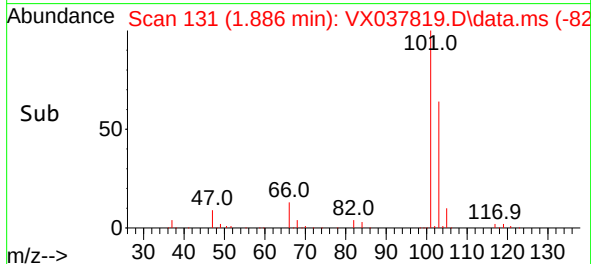
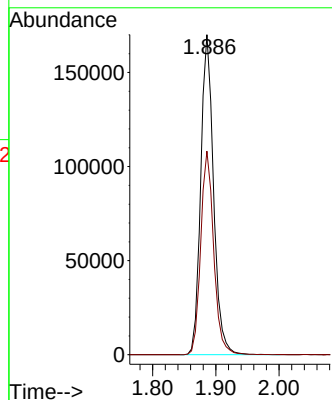
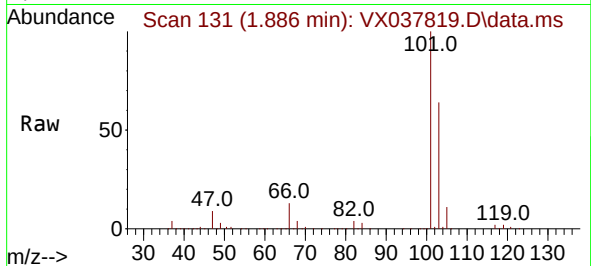
#7
Trichlorofluoromethane
Concen: 43.479 ug/l
RT: 1.886 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX037819.D
Acq: 20 Sep 2023 09:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 24030
Ion Ratio Lower Upper
101 100
103 63.6 51.4 77.2

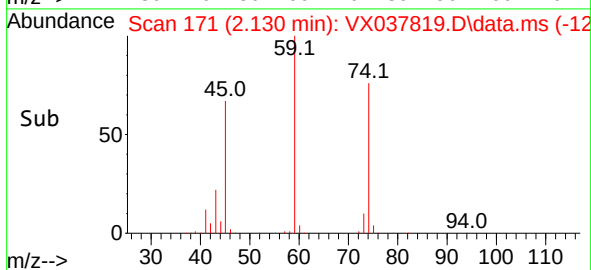
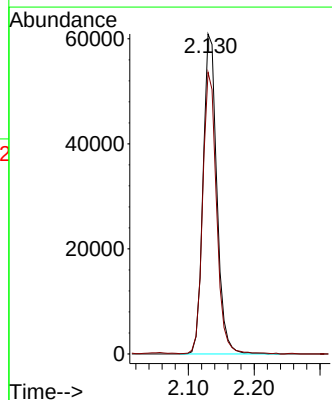
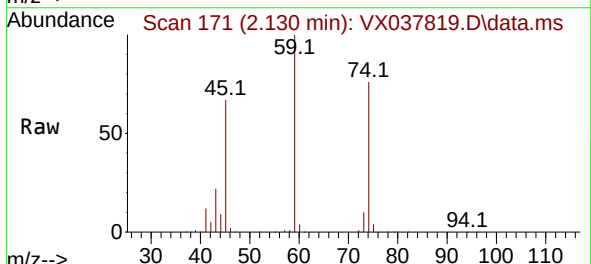
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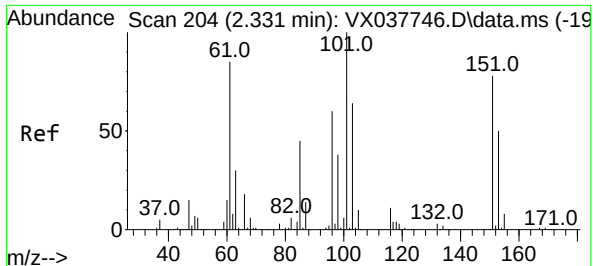
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023



#8
Diethyl Ether
Concen: 41.327 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.000 min
Lab File: VX037819.D
Acq: 20 Sep 2023 09:33

Tgt Ion: 74 Resp: 88491
Ion Ratio Lower Upper
74 100
45 89.1 53.3 159.8





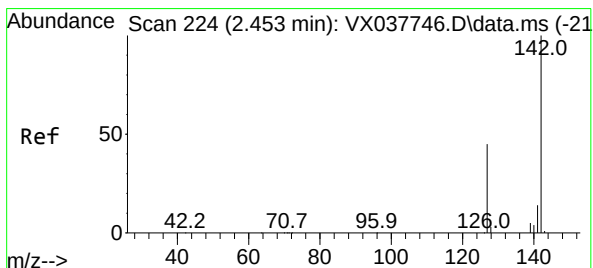
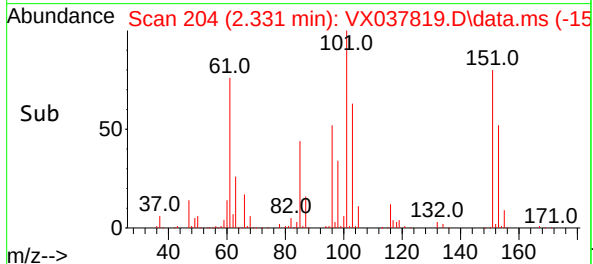
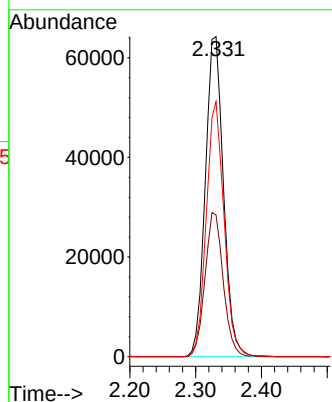
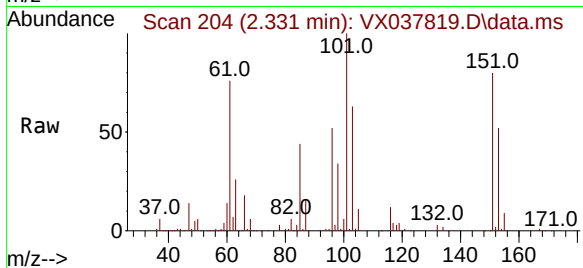
#9
1,1,2-Trichlorotrifluoroethane
Concen: 43.984 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX037819.D
Acq: 20 Sep 2023 09:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 123370
Ion Ratio Lower Upper
101 100
85 45.2 37.0 55.6
151 78.0 58.6 87.8

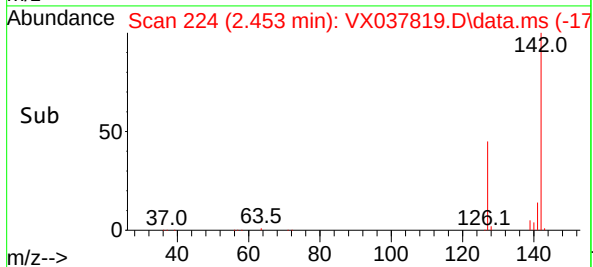
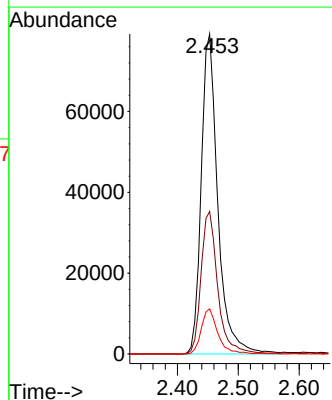
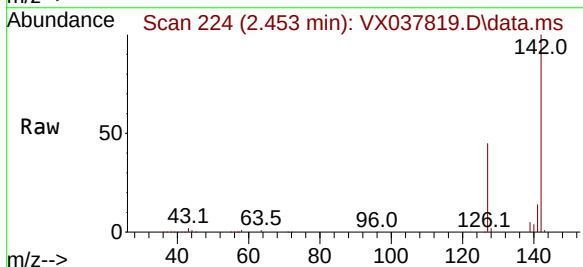
Manual Integrations
APPROVED

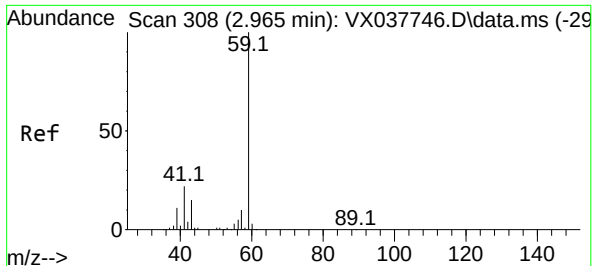
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023



#10
Methyl Iodide
Concen: 40.309 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX037819.D
Acq: 20 Sep 2023 09:33

Tgt Ion:142 Resp: 149622
Ion Ratio Lower Upper
142 100
127 44.9 41.6 62.4
141 14.1 11.6 17.4





#11

Tert butyl alcohol

Concen: 184.191 ug/l

RT: 2.959 min Scan# 308

Delta R.T. -0.006 min

Lab File: VX037819.D

Acq: 20 Sep 2023 09:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 59 Resp: 14433

Ion Ratio Lower Upper

59 100

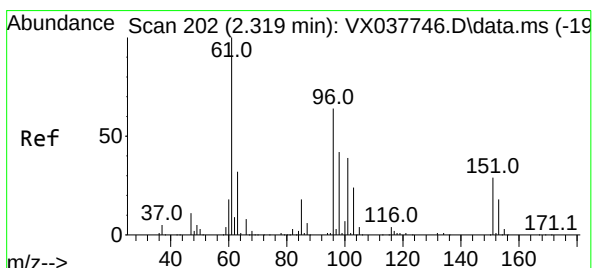
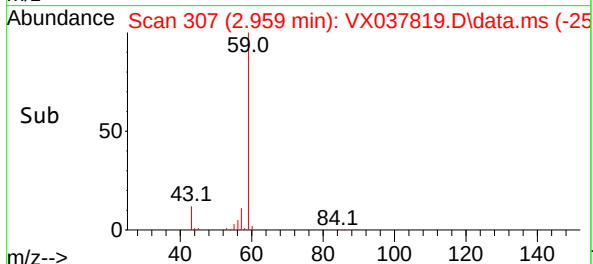
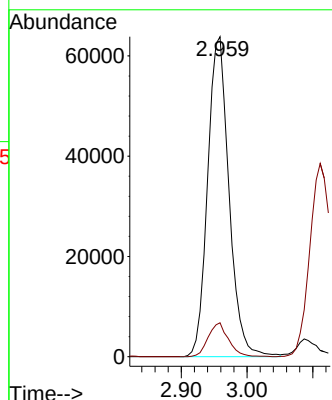
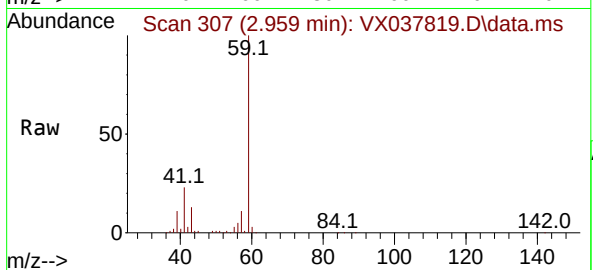
57 10.1 6.0 9.0

Manual Integrations

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Reviewed By :John Carlone 09/21/2023

Supervised By :Mahesh Dadoda 09/21/2023



#12

1,1-Dichloroethene

Concen: 42.542 ug/l

RT: 2.319 min Scan# 202

Delta R.T. -0.006 min

Lab File: VX037819.D

Acq: 20 Sep 2023 09:33

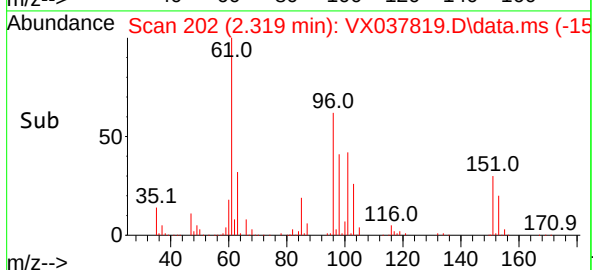
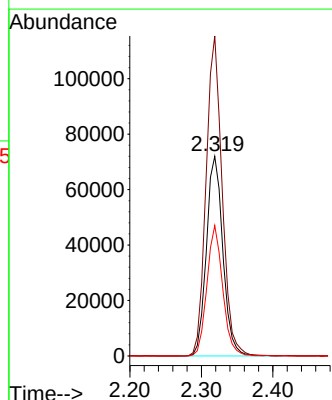
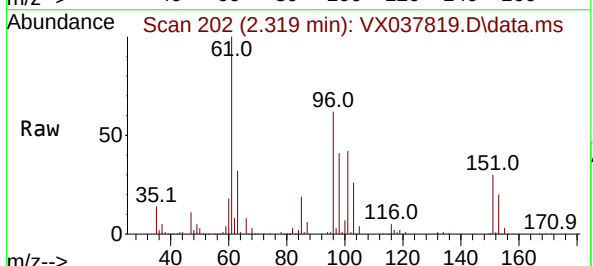
Tgt Ion: 96 Resp: 115321

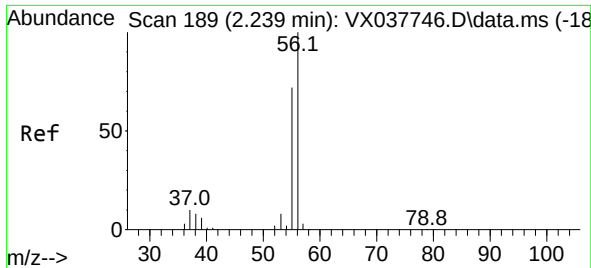
Ion Ratio Lower Upper

96 100

61 160.3 144.6 216.8

98 65.3 50.4 75.6





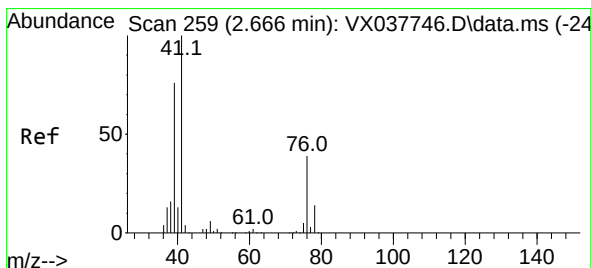
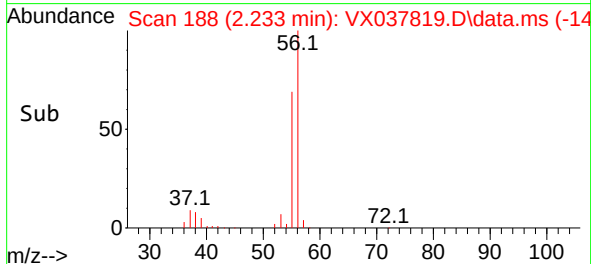
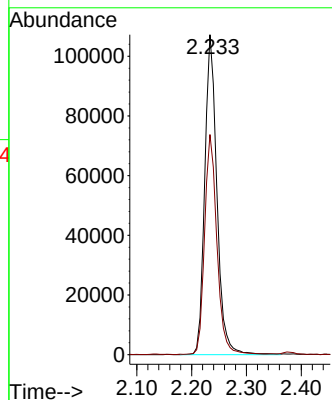
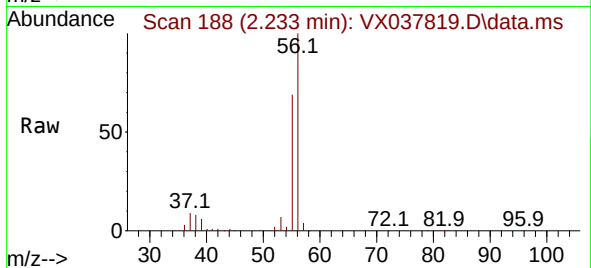
#13
Acrolein
Concen: 213.233 ug/l
RT: 2.233 min Scan# 189
Delta R.T. -0.006 min
Lab File: VX037819.D
Acq: 20 Sep 2023 09:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 165069
Ion Ratio Lower Upper
56 100
55 69.5 57.1 85.7

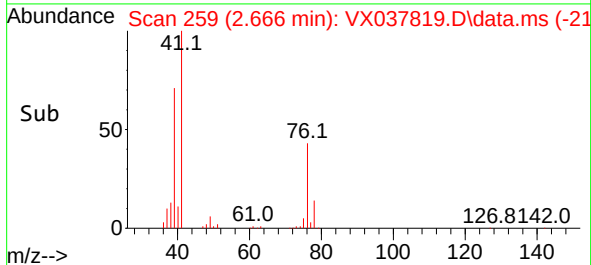
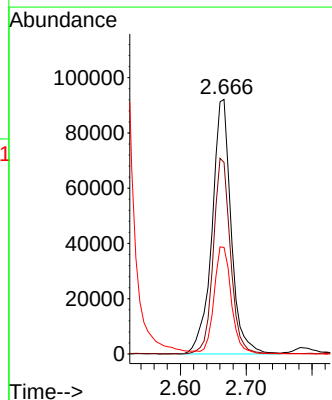
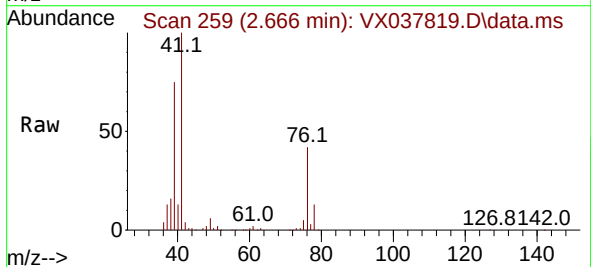
Manual Integrations
APPROVED

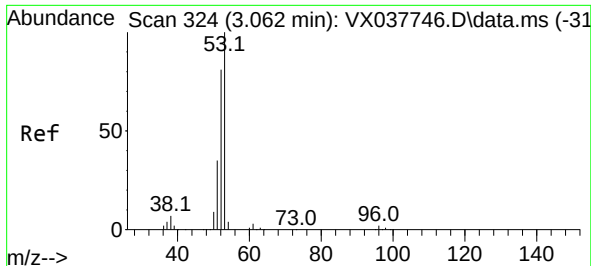
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023



#14
Allyl chloride
Concen: 41.453 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX037819.D
Acq: 20 Sep 2023 09:33

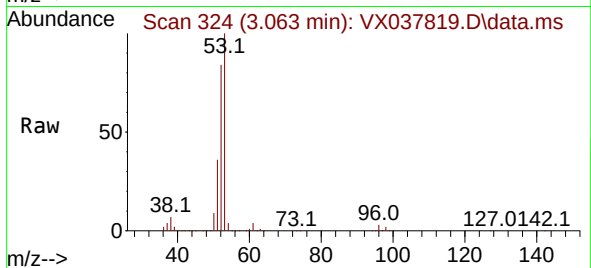
Tgt Ion: 41 Resp: 187151
Ion Ratio Lower Upper
41 100
39 68.8 55.8 83.6
76 38.1 24.3 36.5





#15
Acrylonitrile
Concen: 201.096 ug/l
RT: 3.063 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX037819.D
Acq: 20 Sep 2023 09:33

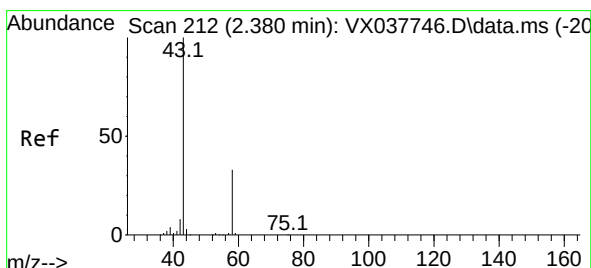
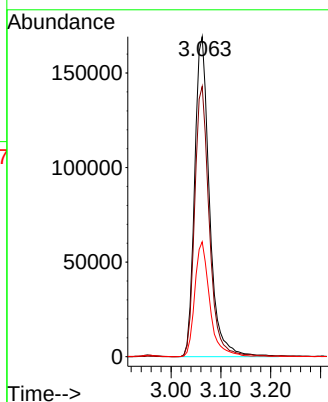
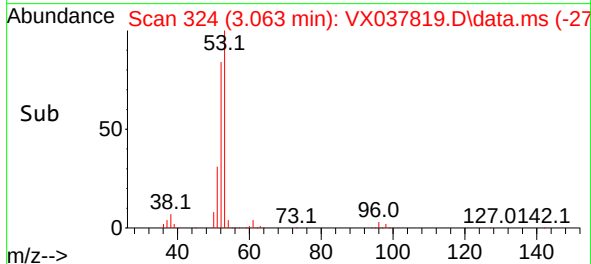
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 35035
Ion Ratio Lower Upper
53 100
52 83.3 66.0 99.0
51 36.3 29.8 44.6

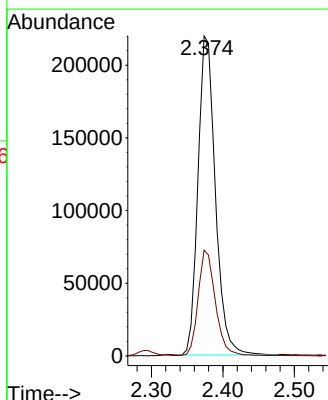
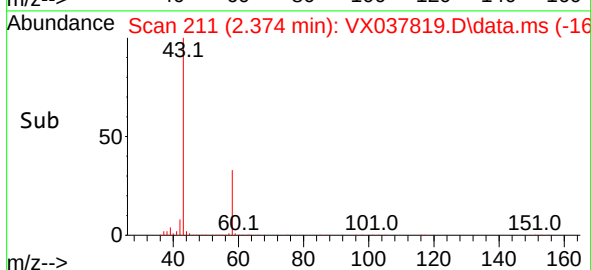
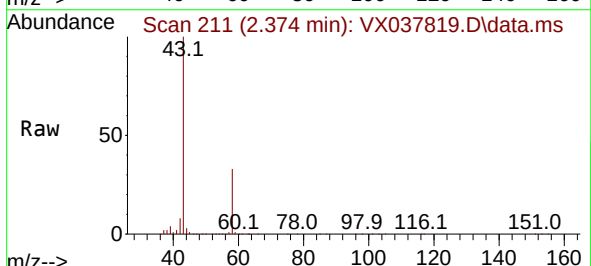
Manual Integrations
APPROVED

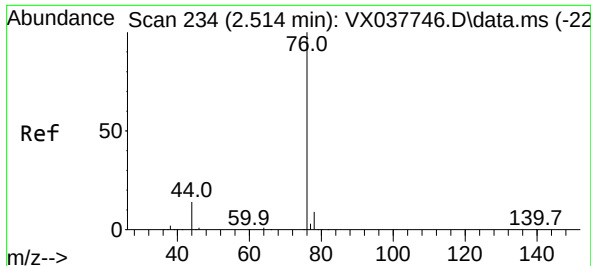
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023



#16
Acetone
Concen: 210.963 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX037819.D
Acq: 20 Sep 2023 09:33

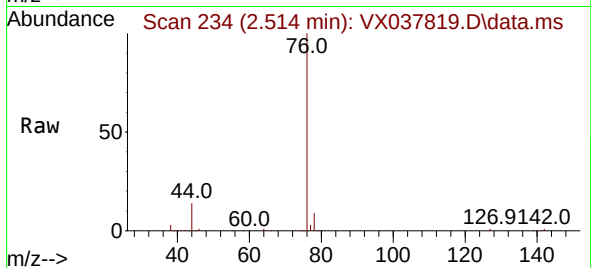
Tgt Ion: 43 Resp: 370490
Ion Ratio Lower Upper
43 100
58 33.0 21.9 32.9





#17
Carbon Disulfide
Concen: 40.540 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX037819.D
Acq: 20 Sep 2023 09:33

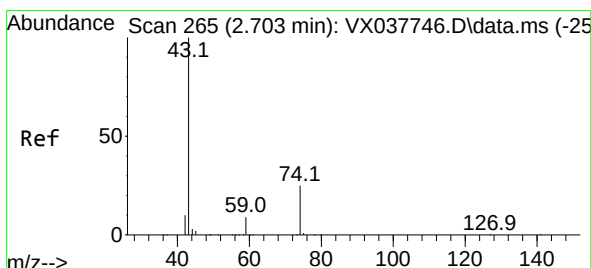
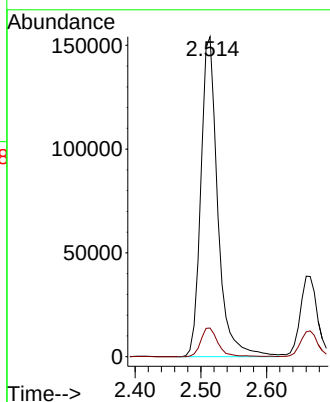
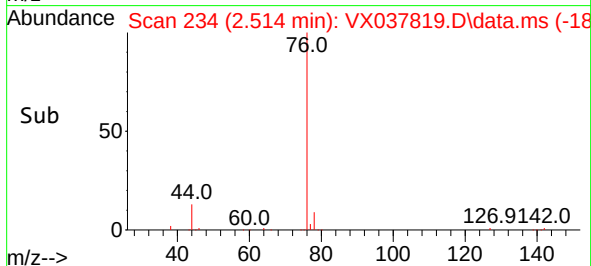
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



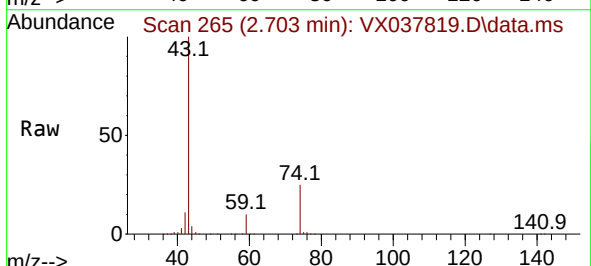
Tgt Ion: 76 Resp: 275529
Ion Ratio Lower Upper
76 100
78 9.0 7.0 10.6

Manual Integrations
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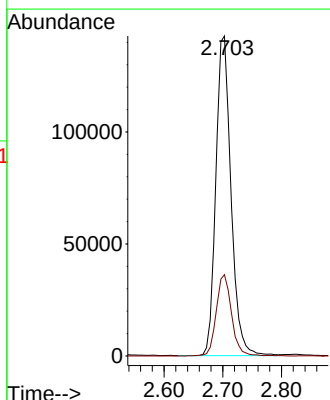
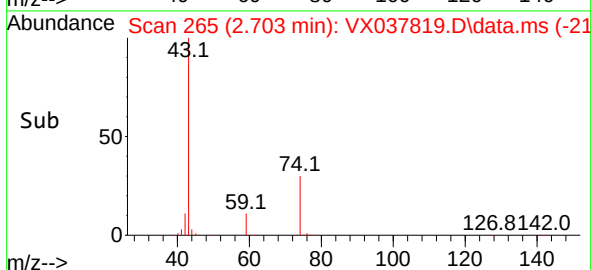
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023

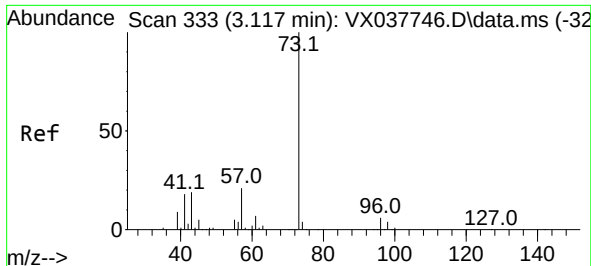


#18
Methyl Acetate
Concen: 40.383 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX037819.D
Acq: 20 Sep 2023 09:33



Tgt Ion: 43 Resp: 255835
Ion Ratio Lower Upper
43 100
74 25.7 17.8 26.8





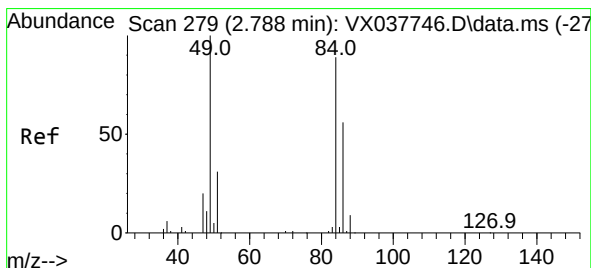
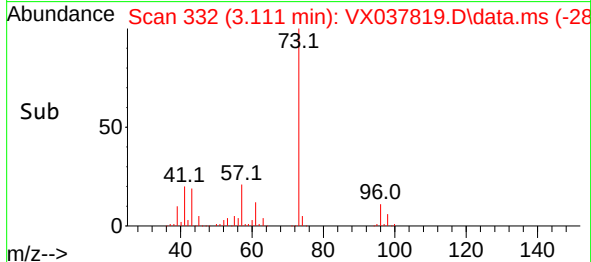
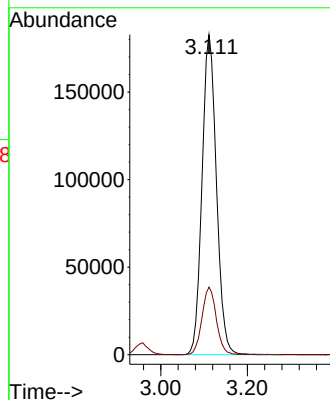
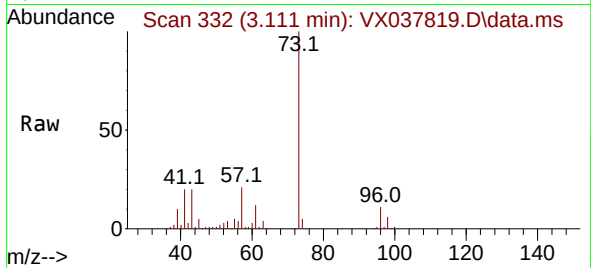
#19
Methyl tert-butyl Ether
Concen: 42.221 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.012 min
Lab File: VX037819.D
Acq: 20 Sep 2023 09:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 421010
Ion Ratio Lower Upper
73 100
57 21.1 17.3 25.9

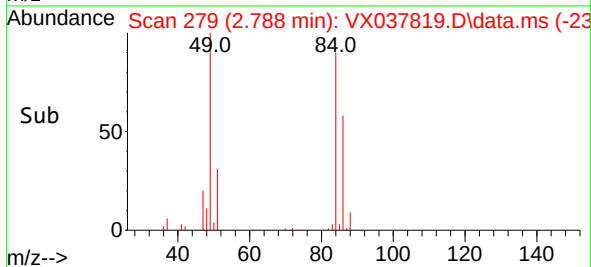
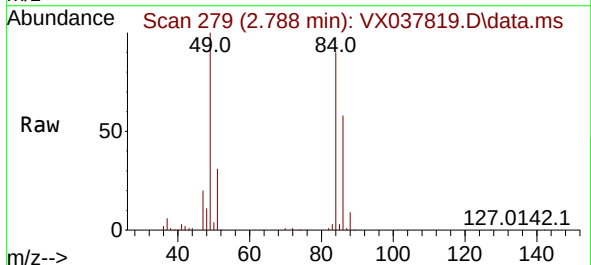
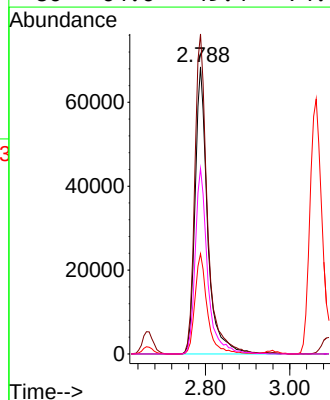
Manual Integrations
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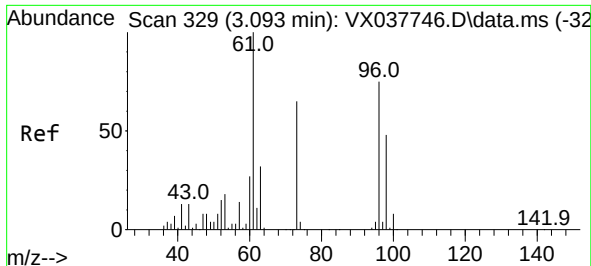
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023



#20
Methylene Chloride
Concen: 43.500 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX037819.D
Acq: 20 Sep 2023 09:33

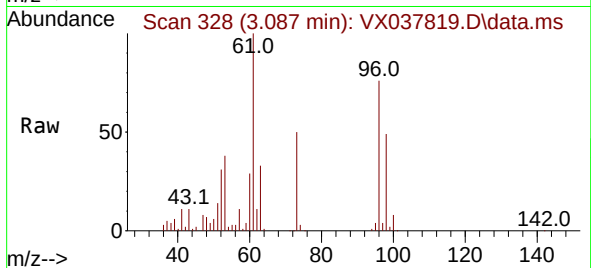
Tgt Ion: 84 Resp: 141248
Ion Ratio Lower Upper
84 100
49 111.5 103.6 155.4
51 34.9 33.8 50.6
86 64.6 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 43.667 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX037819.D
Acq: 20 Sep 2023 09:33

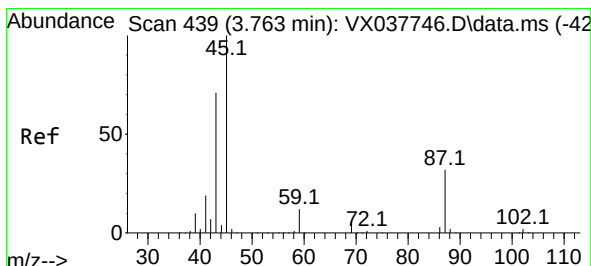
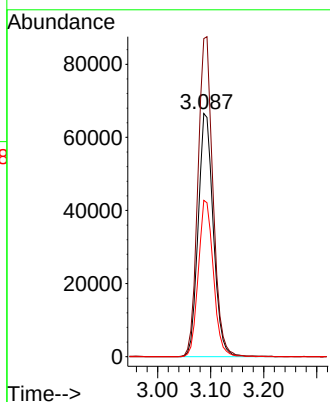
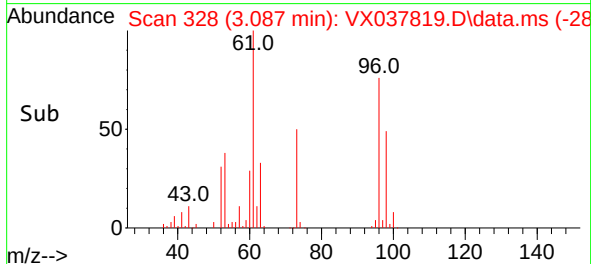
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



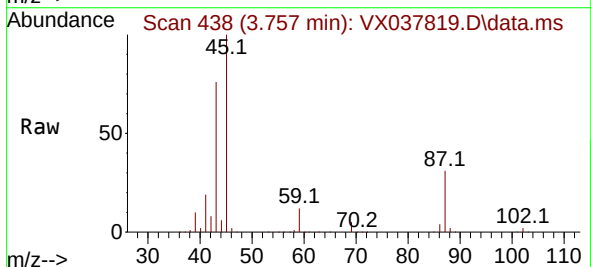
Tgt Ion: 96 Resp: 13144
Ion Ratio Lower Upper
96 100
61 130.8 119.2 178.8
98 64.3 48.7 73.1

Manual Integrations
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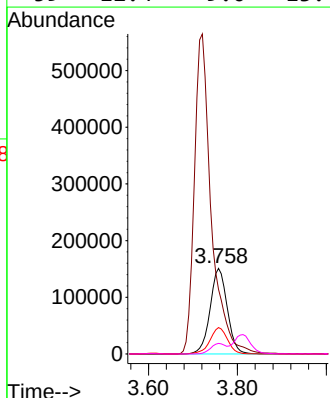
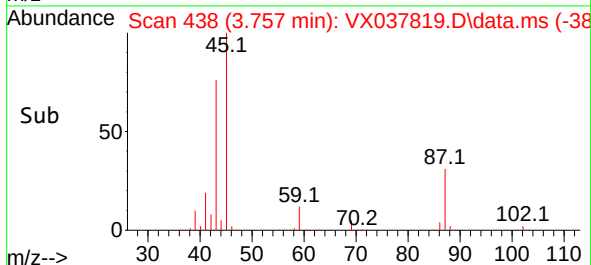
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023

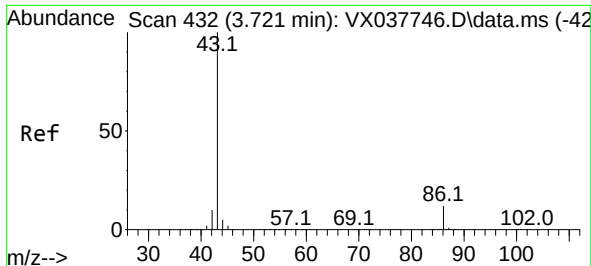


#22
Diisopropyl ether
Concen: 43.044 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX037819.D
Acq: 20 Sep 2023 09:33



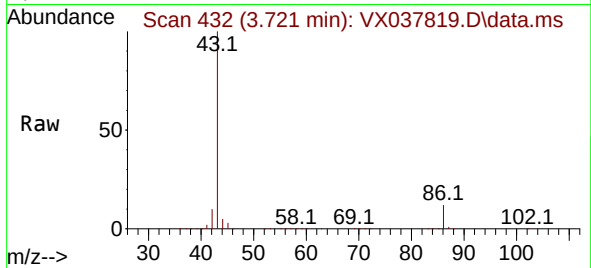
Tgt Ion: 45 Resp: 404798
Ion Ratio Lower Upper
45 100
43 75.5 69.7 104.5
87 30.8 20.8 31.2
59 12.4 9.0 13.4





#23
 Vinyl Acetate
 Concen: 217.008 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX037819.D
 Acq: 20 Sep 2023 09:33

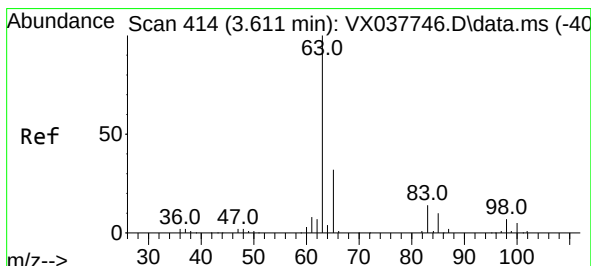
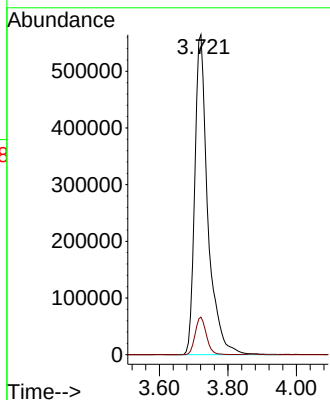
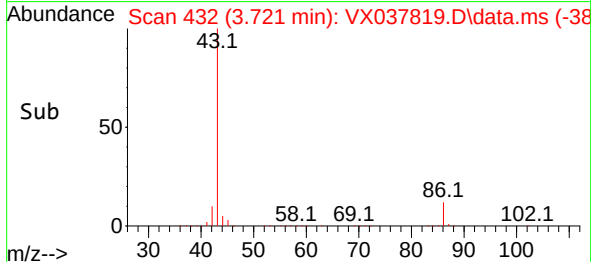
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



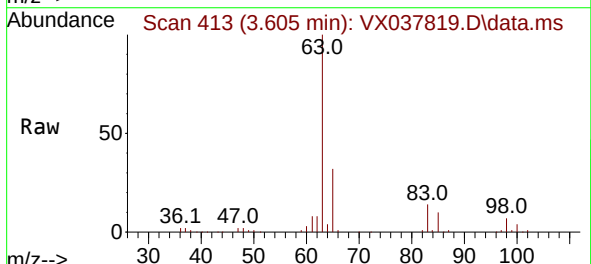
Tgt Ion: 43 Resp: 1501120
 Ion Ratio Lower Upper
 43 100
 86 11.8 7.8 11.8

Manual Integrations
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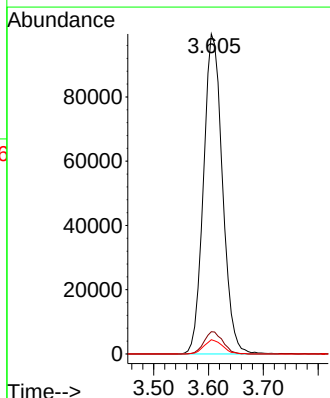
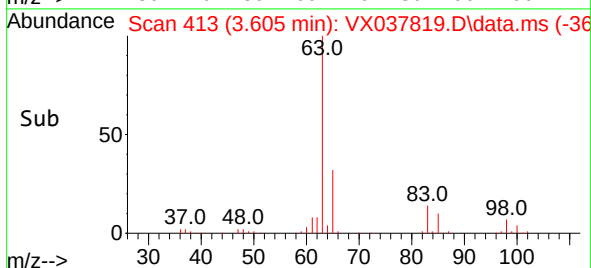
Reviewed By :John Carlone 09/21/2023
 Supervised By :Mahesh Dadoda 09/21/2023

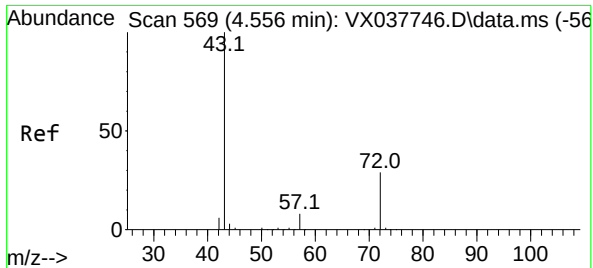


#24
 1,1-Dichloroethane
 Concen: 42.409 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX037819.D
 Acq: 20 Sep 2023 09:33



Tgt Ion: 63 Resp: 238997
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.3 9.8
 100 4.5 2.1 6.5





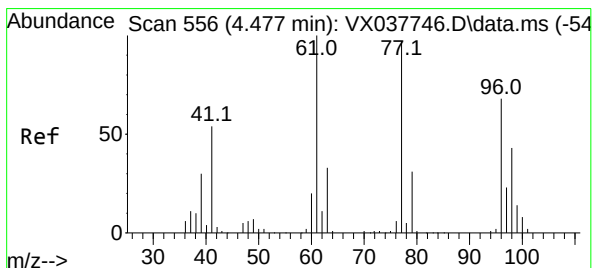
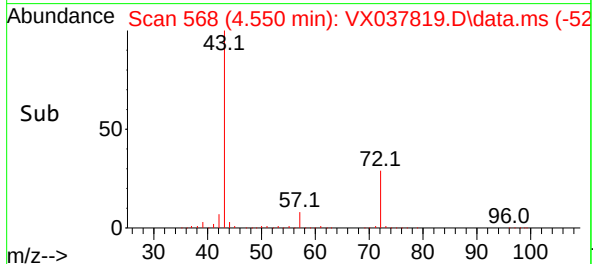
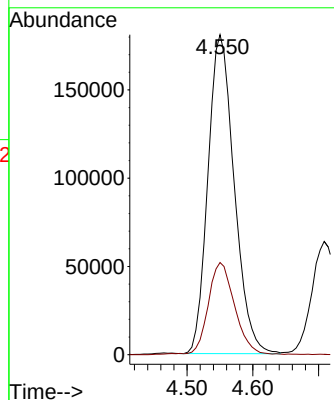
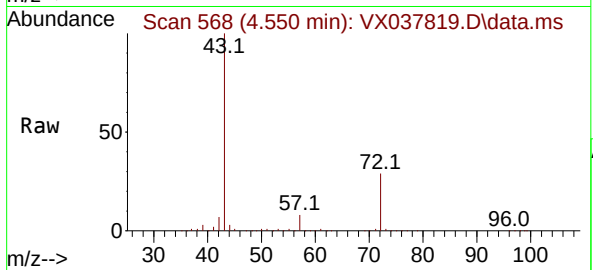
#25
2-Butanone
Concen: 202.697 ug/l
RT: 4.550 min Scan# 50
Delta R.T. -0.018 min
Lab File: VX037819.D
Acq: 20 Sep 2023 09:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 502330
Ion Ratio Lower Upper
43 100
72 28.7 19.4 29.2

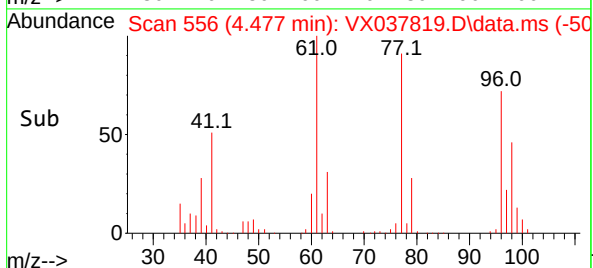
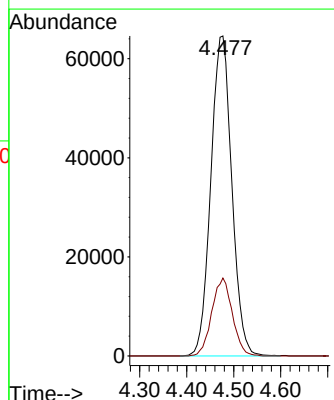
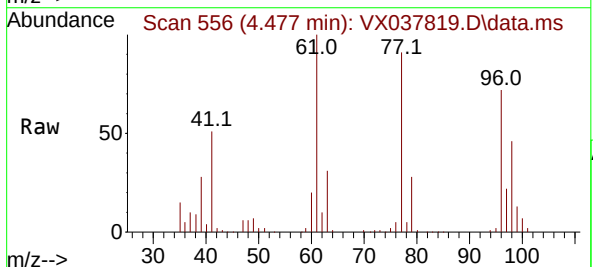
Manual Integrations
APPROVED

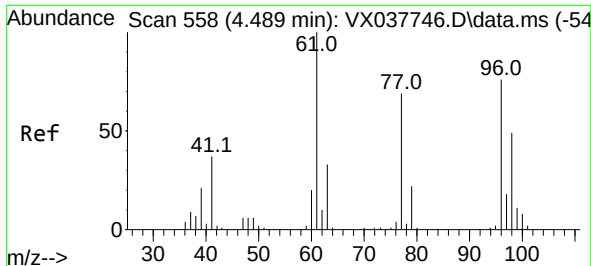
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023



#26
2,2-Dichloropropane
Concen: 43.937 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.000 min
Lab File: VX037819.D
Acq: 20 Sep 2023 09:33

Tgt Ion: 77 Resp: 200071
Ion Ratio Lower Upper
77 100
97 23.8 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 42.895 ug/l

RT: 4.483 min Scan# 558

Delta R.T. -0.006 min

Lab File: VX037819.D

Acq: 20 Sep 2023 09:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 15829

Ion Ratio Lower Upper

96 100

61 137.5 0.0 312.2

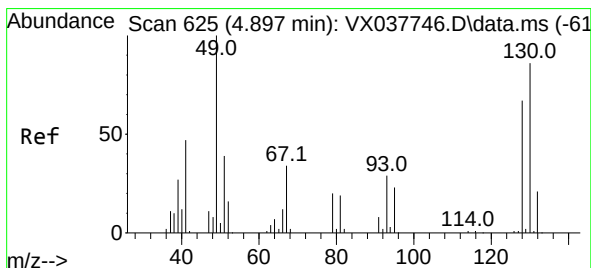
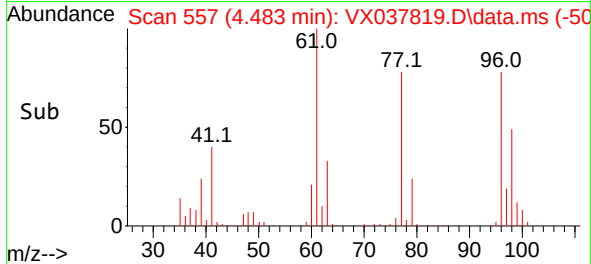
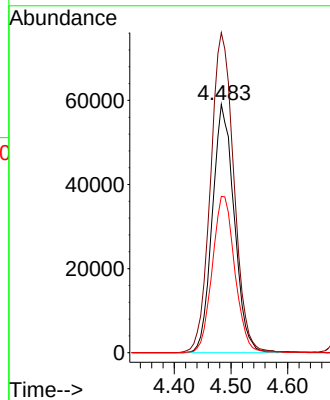
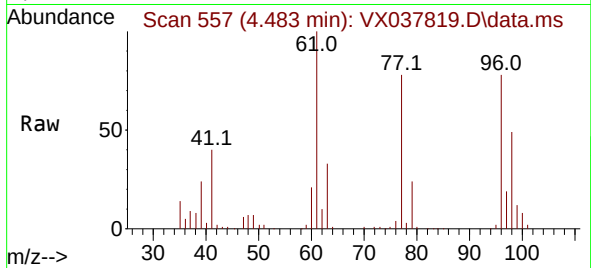
98 64.8 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/21/2023

Supervised By :Mahesh Dadoda 09/21/2023



#28

Bromochloromethane

Concen: 42.315 ug/l

RT: 4.898 min Scan# 625

Delta R.T. -0.006 min

Lab File: VX037819.D

Acq: 20 Sep 2023 09:33

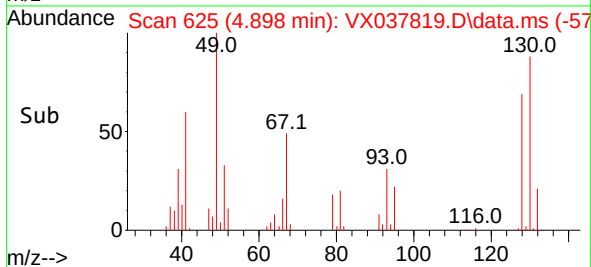
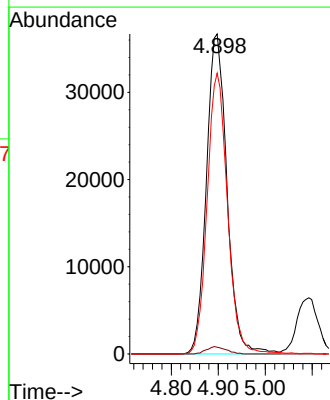
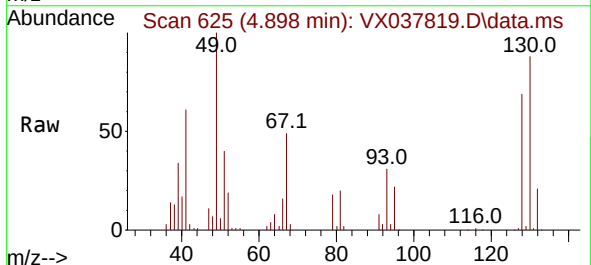
Tgt Ion: 49 Resp: 111247

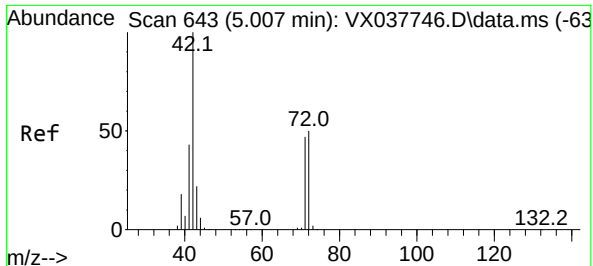
Ion Ratio Lower Upper

49 100

129 2.2 0.0 3.8

130 86.7 57.5 86.3#





#29

Tetrahydrofuran

Concen: 196.091 ug/l

RT: 5.001 min Scan# 643

Delta R.T. -0.012 min

Lab File: VX037819.D

Acq: 20 Sep 2023 09:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 302279

Ion Ratio Lower Upper

42 100

72 49.6 34.2 51.4

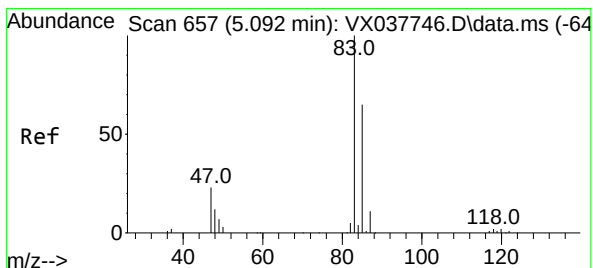
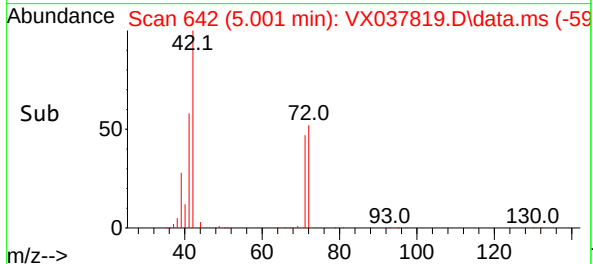
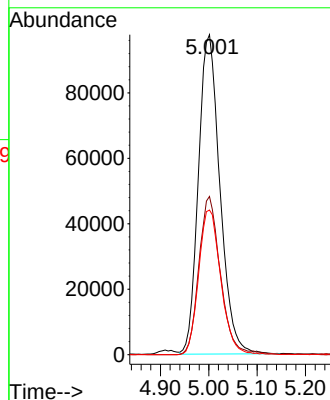
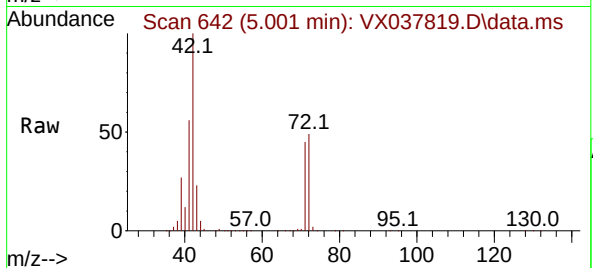
71 46.6 32.2 48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/21/2023

Supervised By :Mahesh Dadoda 09/21/2023



#30

Chloroform

Concen: 42.999 ug/l

RT: 5.093 min Scan# 657

Delta R.T. 0.000 min

Lab File: VX037819.D

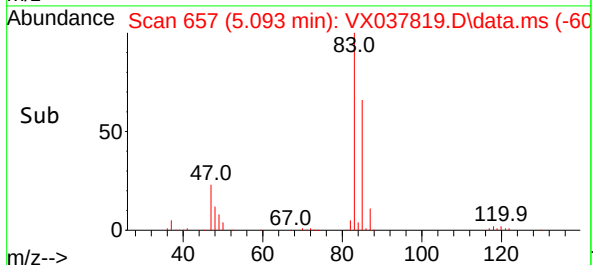
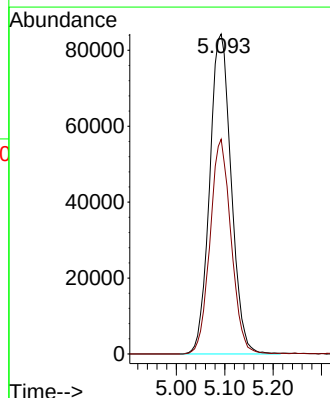
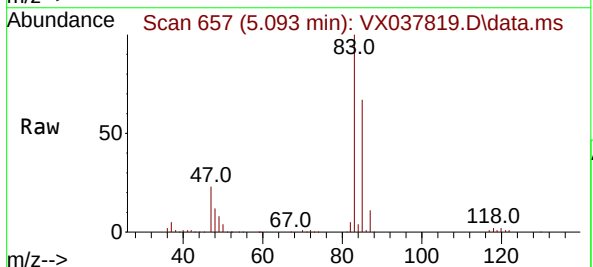
Acq: 20 Sep 2023 09:33

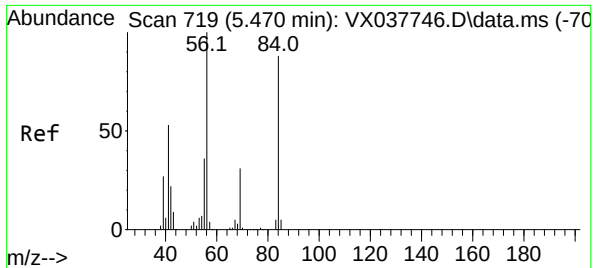
Tgt Ion: 83 Resp: 261038

Ion Ratio Lower Upper

83 100

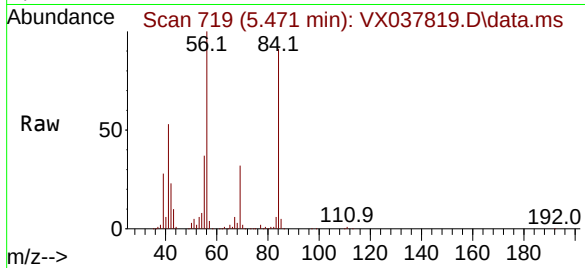
85 67.1 50.3 75.5





#31
Cyclohexane
Concen: 43.522 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX037819.D
Acq: 20 Sep 2023 09:33

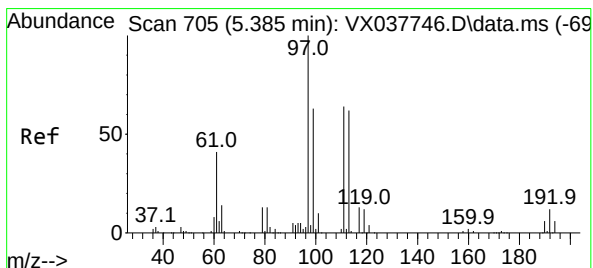
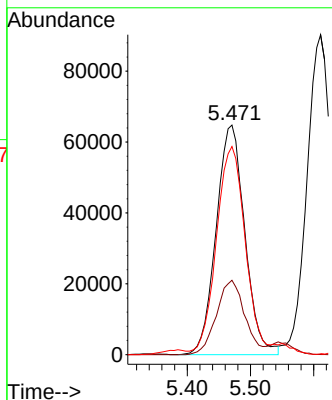
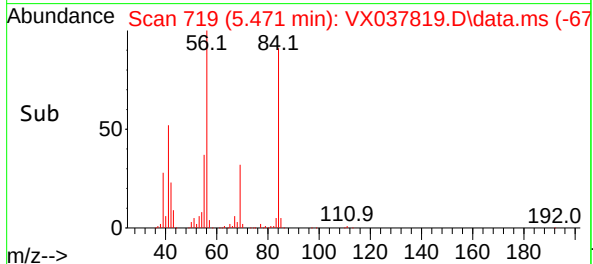
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



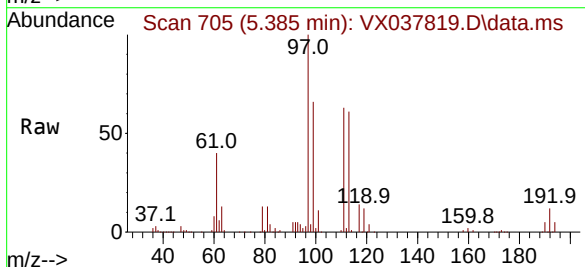
Tgt Ion: 56 Resp: 20392
Ion Ratio Lower Upper
56 100
69 32.4 23.4 35.2
84 88.5 65.9 98.9

Manual Integrations
APPROVED

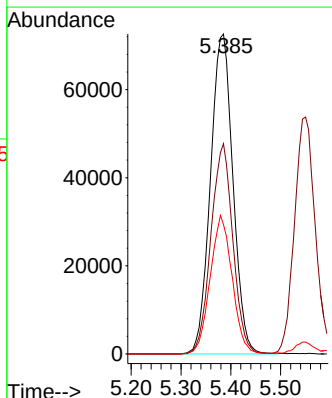
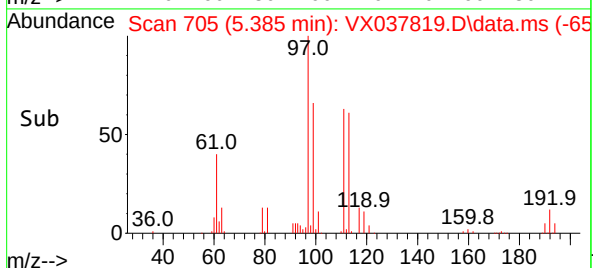
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023

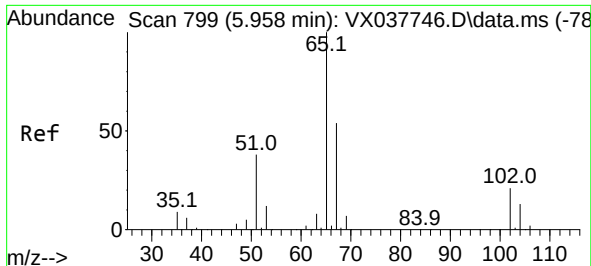


#32
1,1,1-Trichloroethane
Concen: 44.242 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX037819.D
Acq: 20 Sep 2023 09:33



Tgt Ion: 97 Resp: 227416
Ion Ratio Lower Upper
97 100
99 64.2 51.1 76.7
61 42.3 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 41.054 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX037819.D

Acq: 20 Sep 2023 09:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 149872

Ion Ratio Lower Upper

65 100

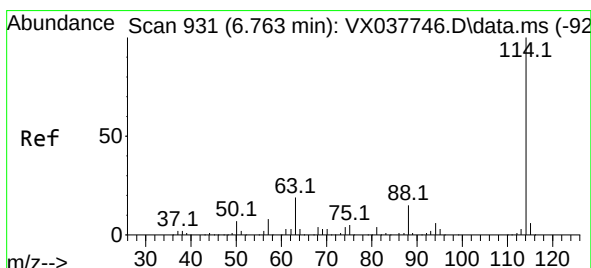
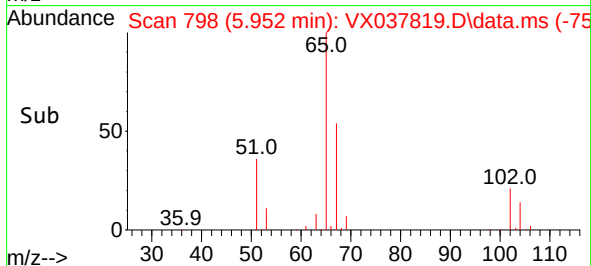
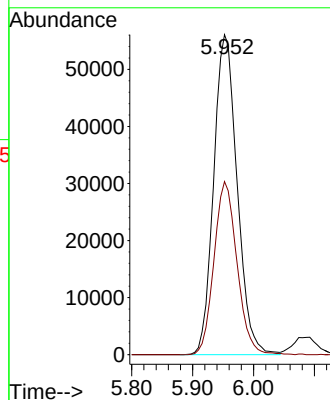
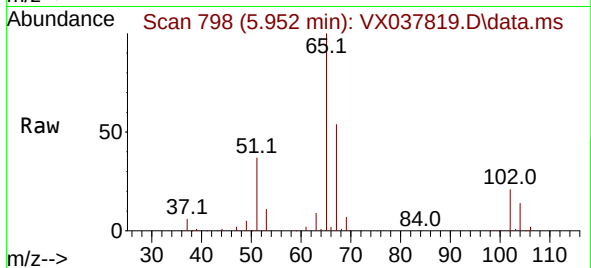
67 53.1 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/21/2023

Supervised By :Mahesh Dadoda 09/21/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX037819.D

Acq: 20 Sep 2023 09:33

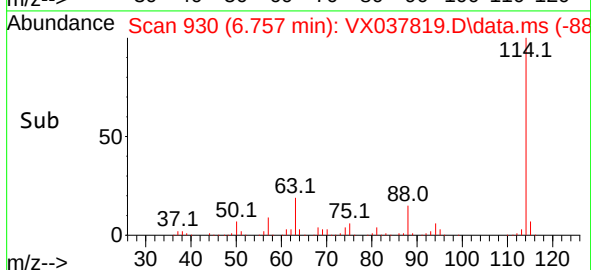
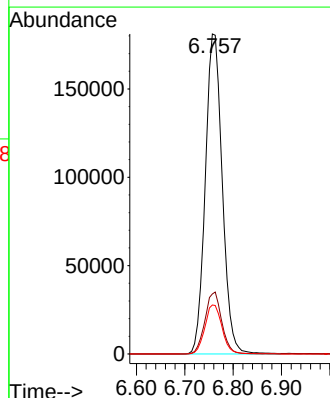
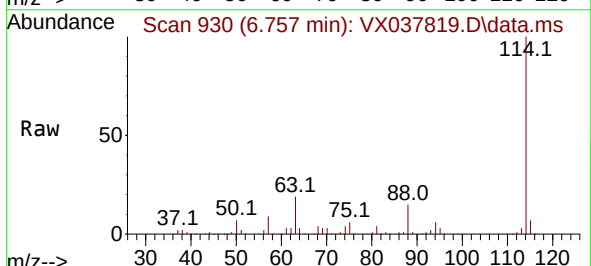
Tgt Ion:114 Resp: 441756

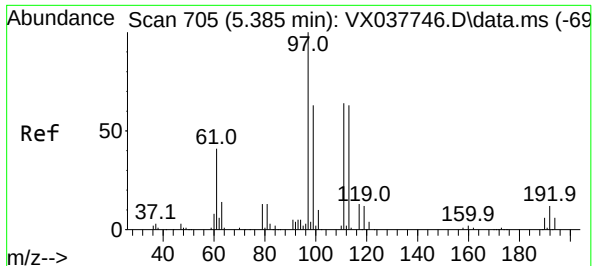
Ion Ratio Lower Upper

114 100

63 18.7 0.0 45.0

88 15.3 0.0 36.6





#35

Dibromofluoromethane

Concen: 43.591 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX037819.D

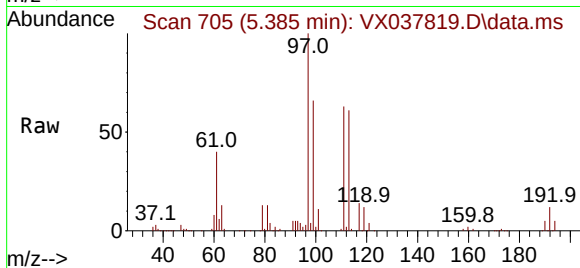
Acq: 20 Sep 2023 09:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



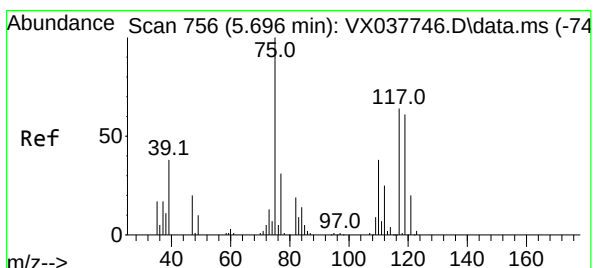
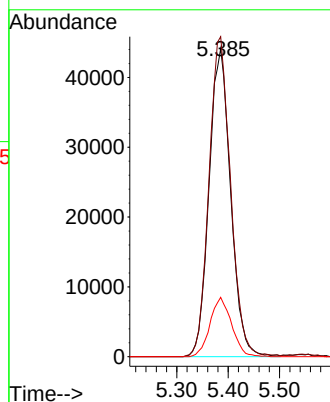
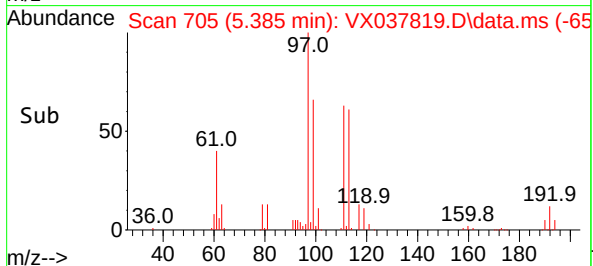
Tgt Ion:	113	Resp:	12884
Ion Ratio	Lower	Upper	
113	100		
111	104.0	82.9	124.3
192	19.3	13.3	19.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/21/2023

Supervised By :Mahesh Dadoda 09/21/2023



#36

1,1-Dichloropropene

Concen: 45.348 ug/l

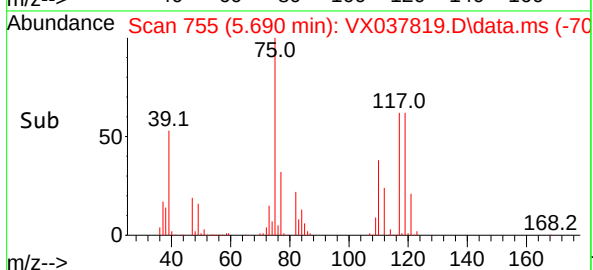
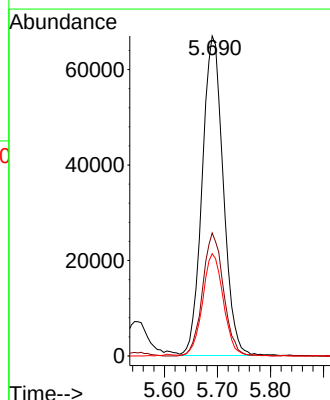
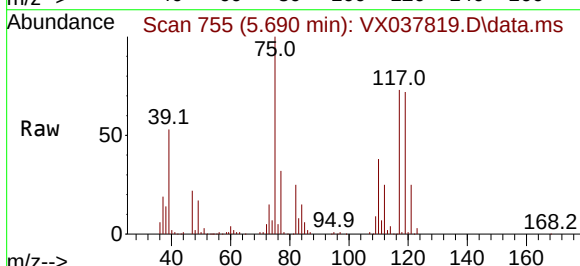
RT: 5.690 min Scan# 755

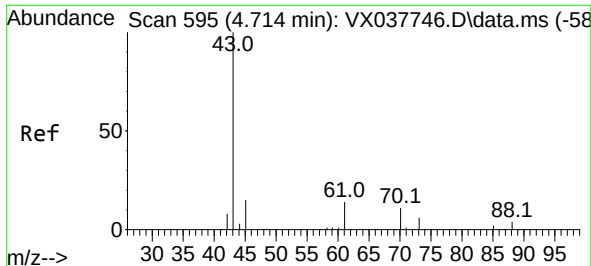
Delta R.T. -0.006 min

Lab File: VX037819.D

Acq: 20 Sep 2023 09:33

Tgt Ion:	75	Resp:	184648
Ion Ratio	Lower	Upper	
75	100		
110	38.4	17.0	50.9
77	31.7	24.7	37.1





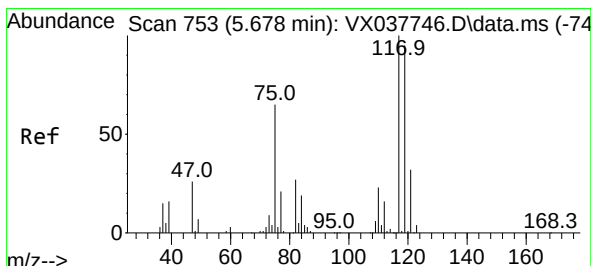
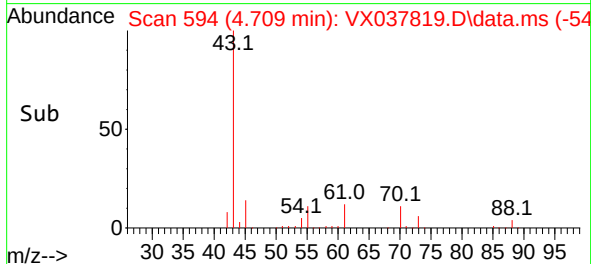
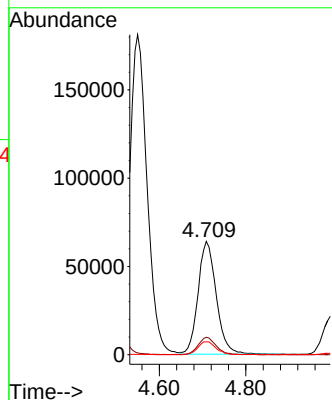
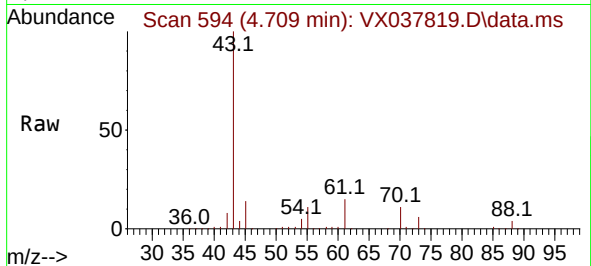
#37
Ethyl Acetate
Concen: 41.802 ug/l
RT: 4.709 min Scan# 594
Delta R.T. -0.024 min
Lab File: VX037819.D
Acq: 20 Sep 2023 09:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 187119
Ion Ratio Lower Upper
43 100
61 14.7 10.6 16.0
70 11.4 8.3 12.5

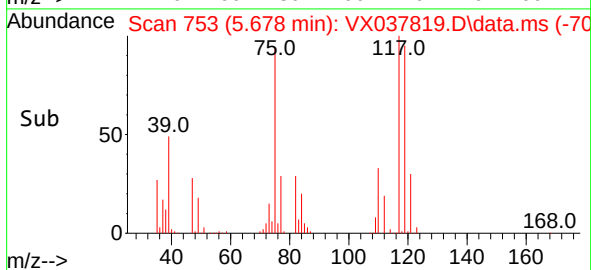
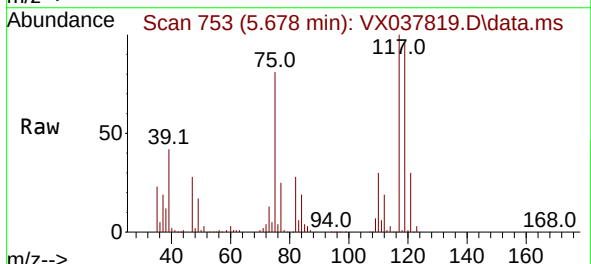
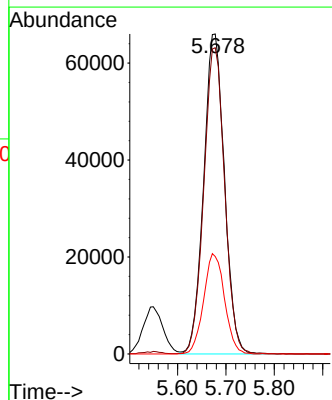
Manual Integrations
APPROVED

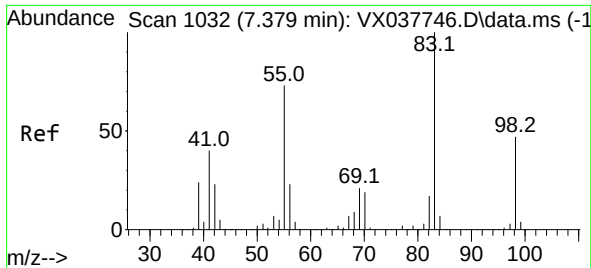
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023



#38
Carbon Tetrachloride
Concen: 46.273 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.000 min
Lab File: VX037819.D
Acq: 20 Sep 2023 09:33

Tgt Ion:117 Resp: 197139
Ion Ratio Lower Upper
117 100
119 95.6 78.2 117.2
121 30.5 24.4 36.6





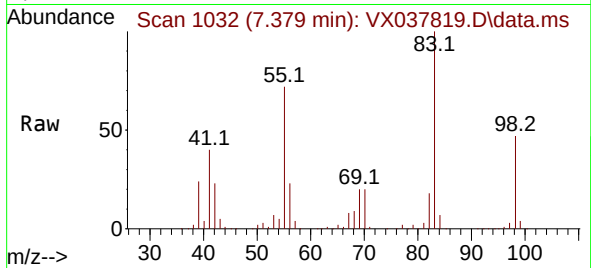
#39
Methylcyclohexane
Concen: 46.227 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX037819.D
Acq: 20 Sep 2023 09:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



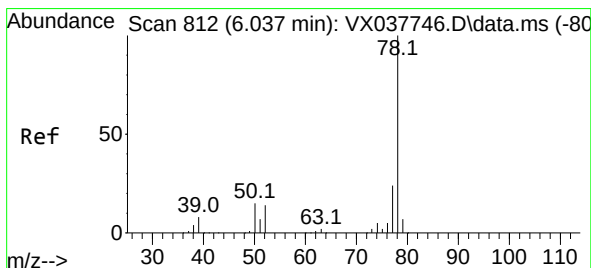
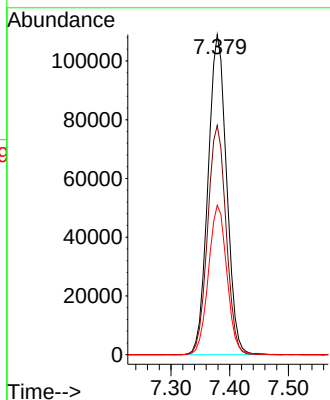
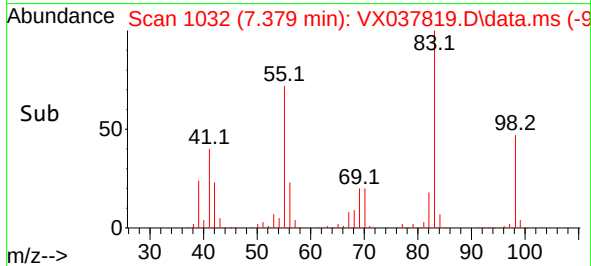
Tgt Ion: 83 Resp: 238894
Ion Ratio Lower Upper
83 100
55 71.7 64.6 97.0
98 46.7 36.7 55.1

Manual Integrations

APPROVED

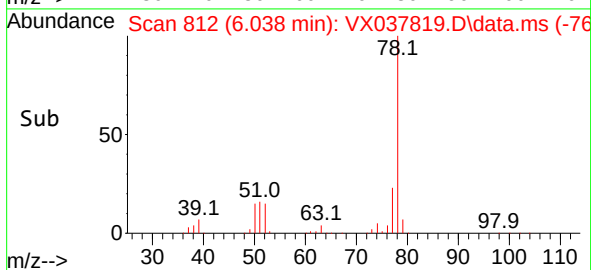
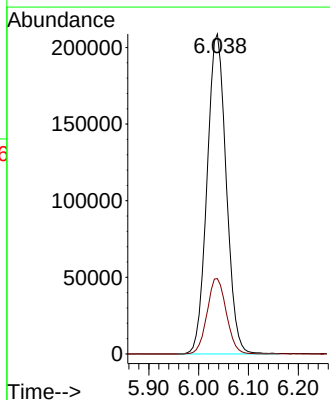
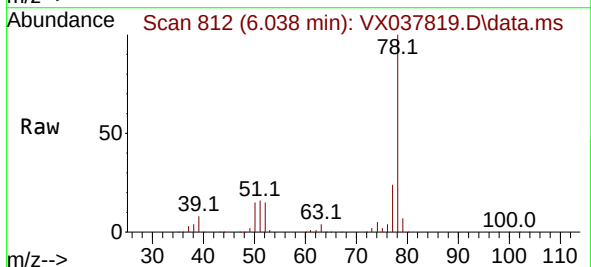
Reviewed By :John Carlone 09/21/2023

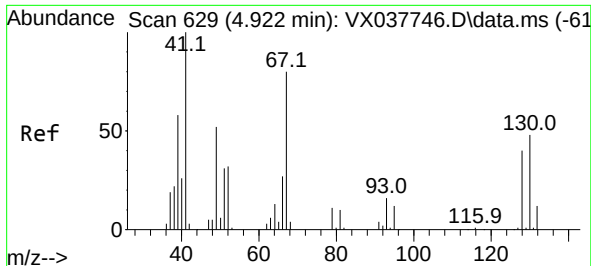
Supervised By :Mahesh Dadoda 09/21/2023



#40
Benzene
Concen: 44.481 ug/l
RT: 6.038 min Scan# 812
Delta R.T. -0.006 min
Lab File: VX037819.D
Acq: 20 Sep 2023 09:33

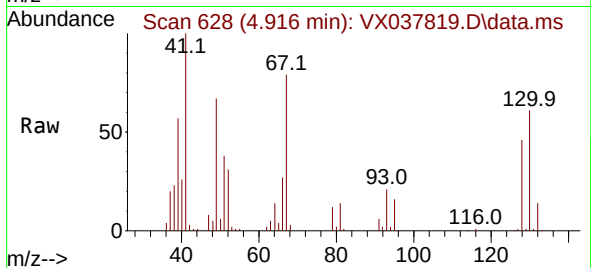
Tgt Ion: 78 Resp: 556961
Ion Ratio Lower Upper
78 100
77 23.5 19.3 28.9





#41
Methacrylonitrile
Concen: 43.561 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.030 min
Lab File: VX037819.D
Acq: 20 Sep 2023 09:33

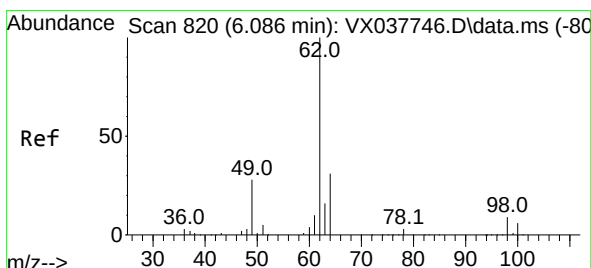
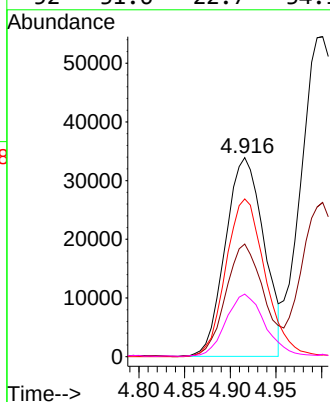
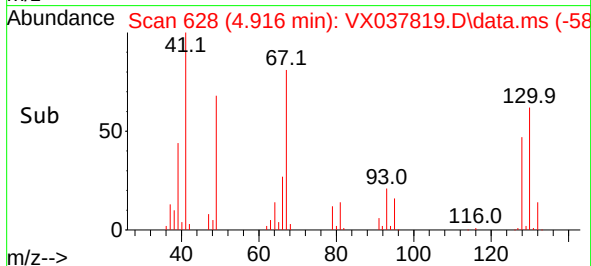
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:	41	Resp:	9942
Ion Ratio	100	Lower	Upper
39	57.0	45.2	67.8
67	81.7	52.6	78.8
52	31.6	22.7	34.1

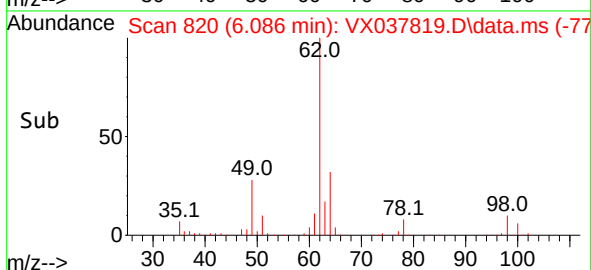
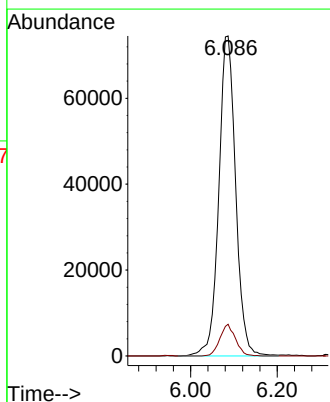
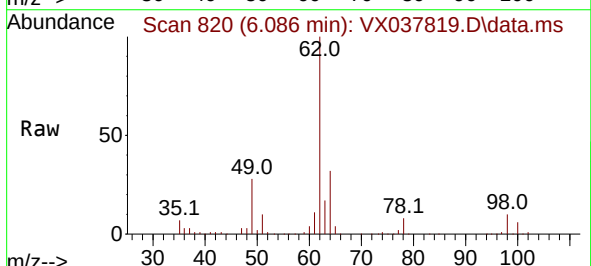
Manual Integrations
APPROVED

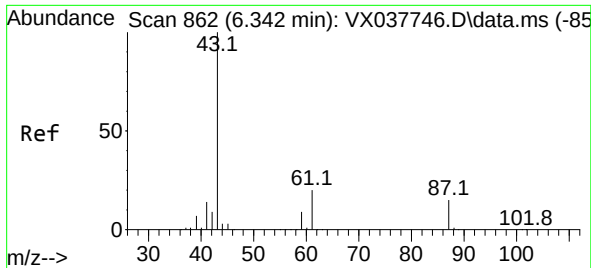
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023



#42
1,2-Dichloroethane
Concen: 44.610 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.012 min
Lab File: VX037819.D
Acq: 20 Sep 2023 09:33

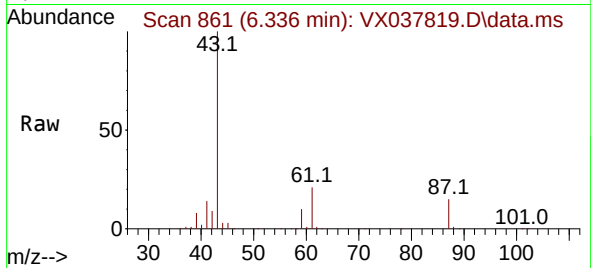
Tgt Ion:	62	Resp:	201887
Ion Ratio	100	Lower	Upper
98	9.2	0.0	16.0





#43
Isopropyl Acetate
Concen: 43.278 ug/l
RT: 6.336 min Scan# 80
Delta R.T. -0.006 min
Lab File: VX037819.D
Acq: 20 Sep 2023 09:33

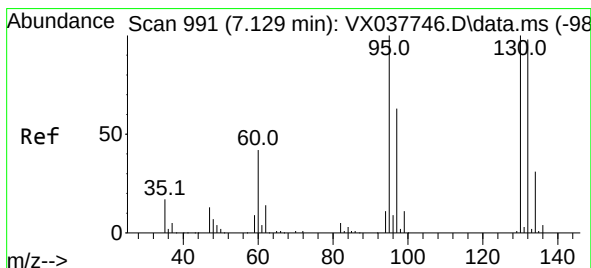
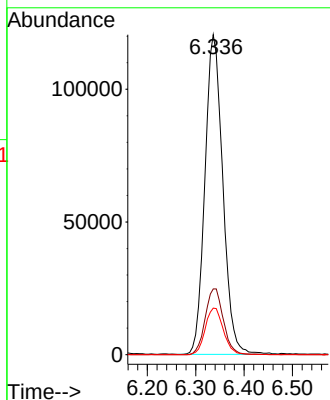
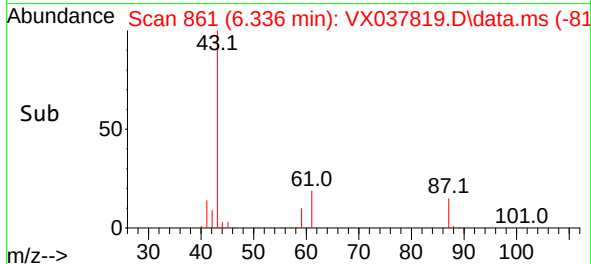
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 30977
Ion Ratio Lower Upper
43 100
61 21.0 15.2 22.8
87 14.8 9.8 14.6

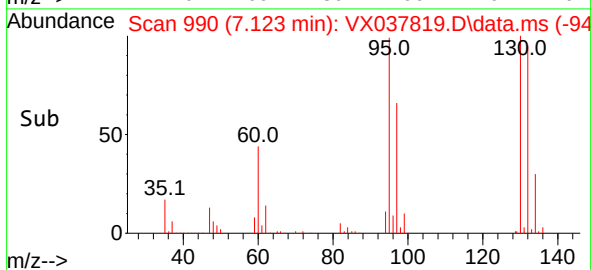
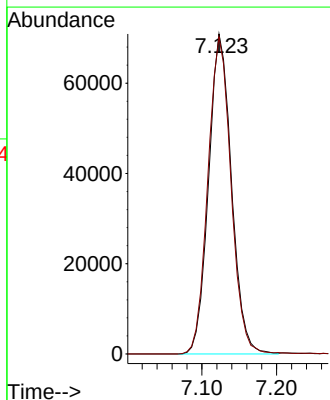
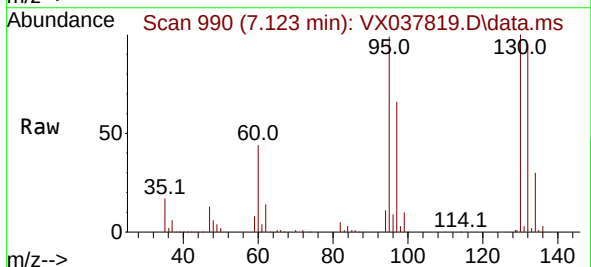
Manual Integrations
APPROVED

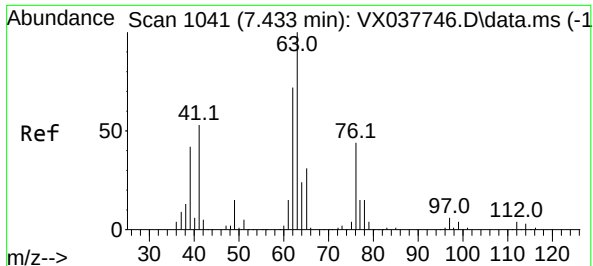
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023



#44
Trichloroethene
Concen: 43.207 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.012 min
Lab File: VX037819.D
Acq: 20 Sep 2023 09:33

Tgt Ion:130 Resp: 150663
Ion Ratio Lower Upper
130 100
95 99.1 0.0 204.4





#45

1,2-Dichloropropane

Concen: 44.182 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VX037819.D

Acq: 20 Sep 2023 09:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 14366

Ion Ratio Lower Upper

63 100

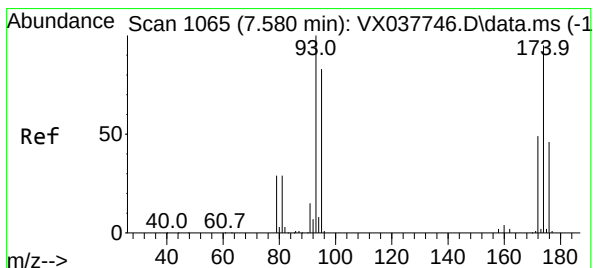
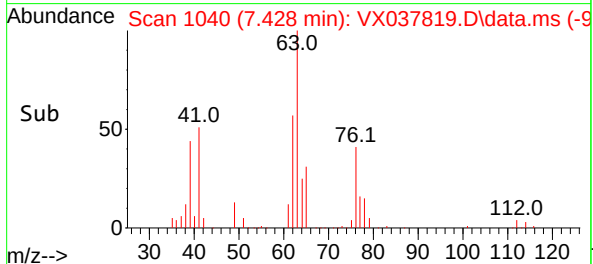
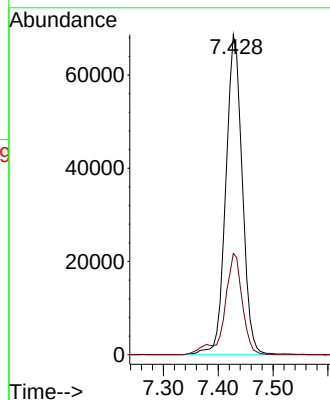
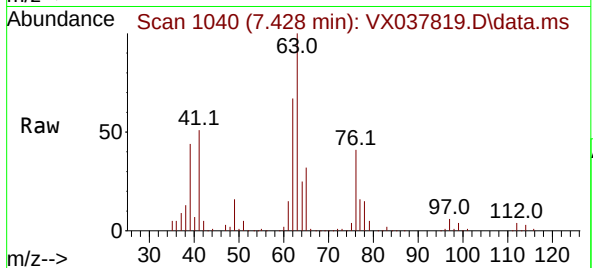
65 31.7 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/21/2023

Supervised By :Mahesh Dadoda 09/21/2023



#46

Dibromomethane

Concen: 46.282 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX037819.D

Acq: 20 Sep 2023 09:33

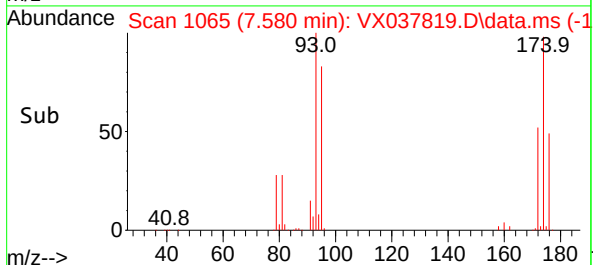
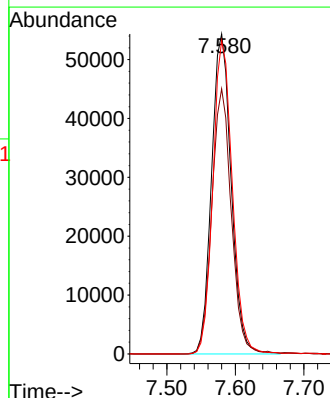
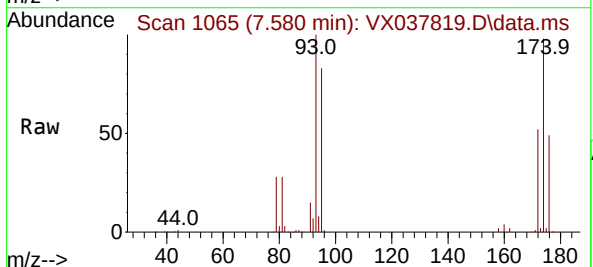
Tgt Ion: 93 Resp: 108257

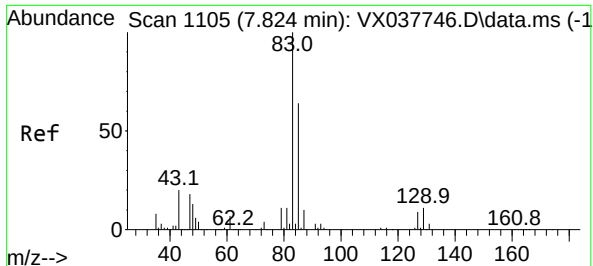
Ion Ratio Lower Upper

93 100

95 82.3 66.6 100.0

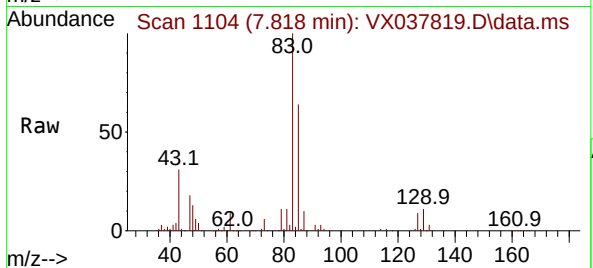
174 97.0 69.4 104.0





#47
Bromodichloromethane
Concen: 46.719 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX037819.D
Acq: 20 Sep 2023 09:33

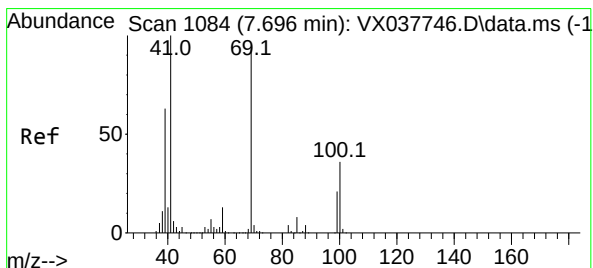
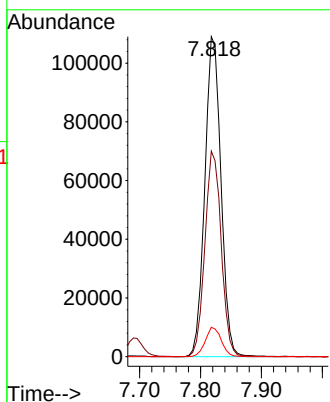
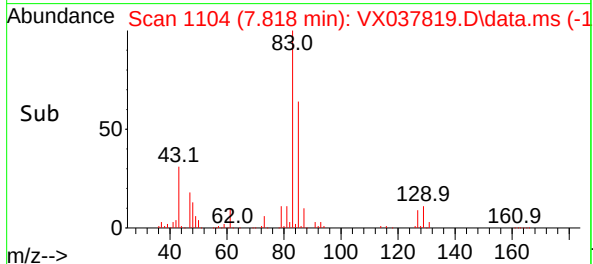
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



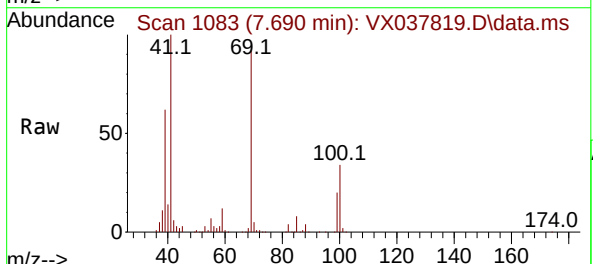
Tgt Ion: 83 Resp: 20126
Ion Ratio Lower Upper
83 100
85 64.3 49.8 74.6
127 9.2 7.1 10.7

Manual Integrations
APPROVED

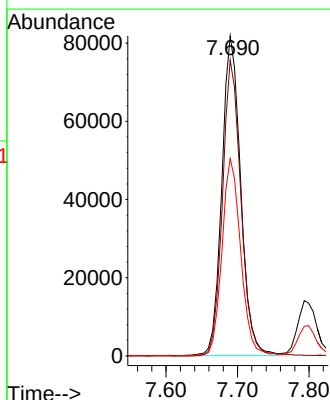
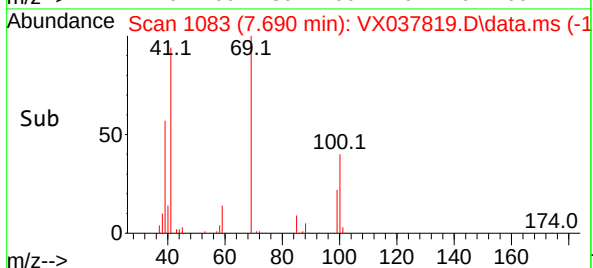
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023

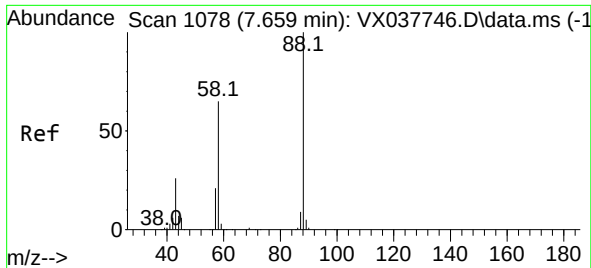


#48
Methyl methacrylate
Concen: 43.808 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.012 min
Lab File: VX037819.D
Acq: 20 Sep 2023 09:33



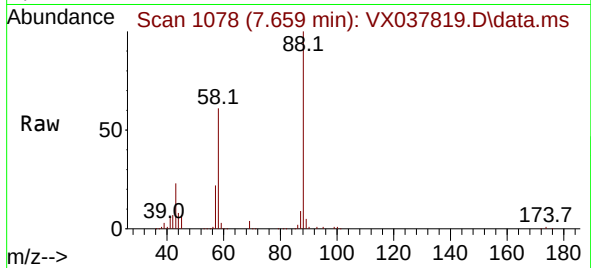
Tgt Ion: 41 Resp: 149897
Ion Ratio Lower Upper
41 100
69 91.0 59.2 88.8
39 61.6 47.7 71.5





#49
1,4-Dioxane
Concen: 815.648 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. -0.012 min
Lab File: VX037819.D
Acq: 20 Sep 2023 09:33

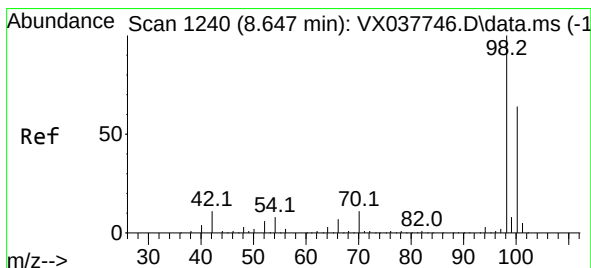
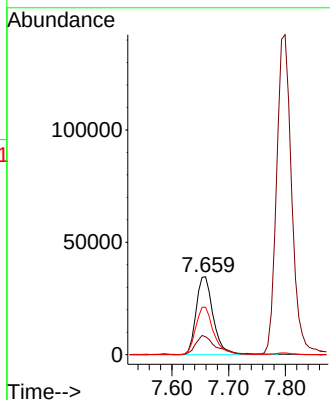
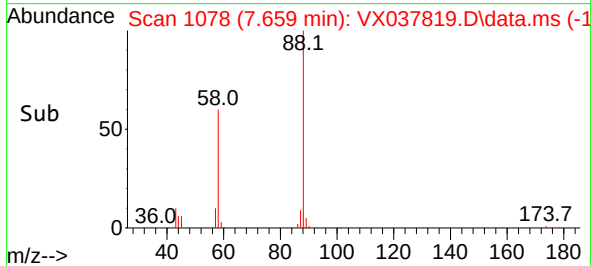
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 88 Resp: 7316
Ion Ratio Lower Upper
88 100
43 28.2 0.0 0.0
58 63.6 60.1 90.1

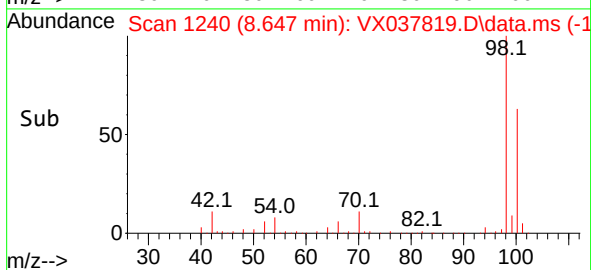
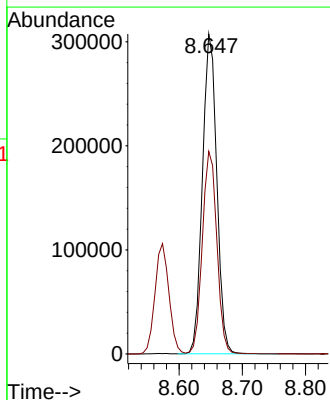
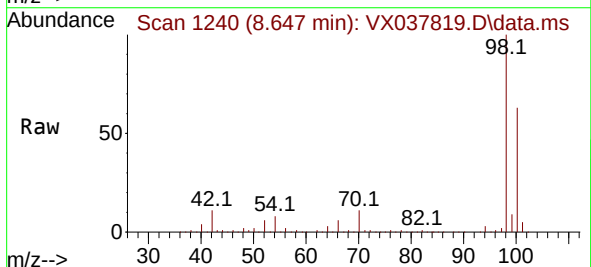
Manual Integrations
APPROVED

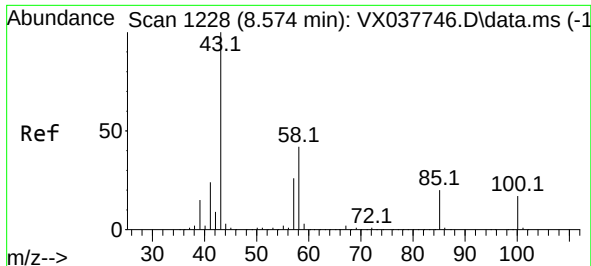
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023



#50
Toluene-d8
Concen: 44.229 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX037819.D
Acq: 20 Sep 2023 09:33

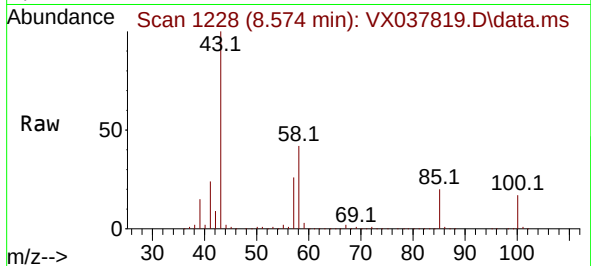
Tgt Ion: 98 Resp: 485756
Ion Ratio Lower Upper
98 100
100 64.1 53.1 79.7





#51
4-Methyl-2-Pentanone
Concen: 213.847 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX037819.D
Acq: 20 Sep 2023 09:33

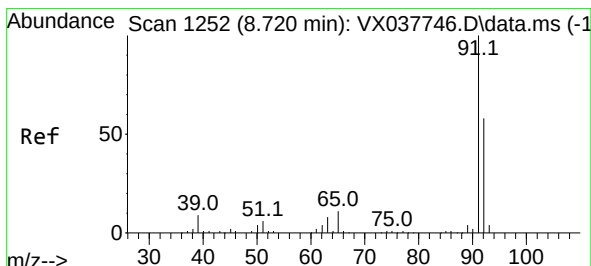
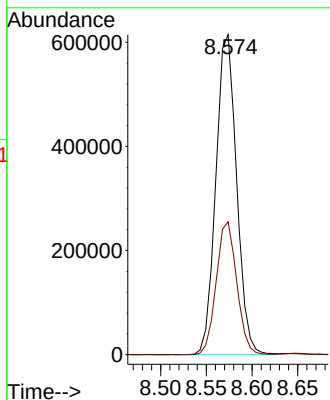
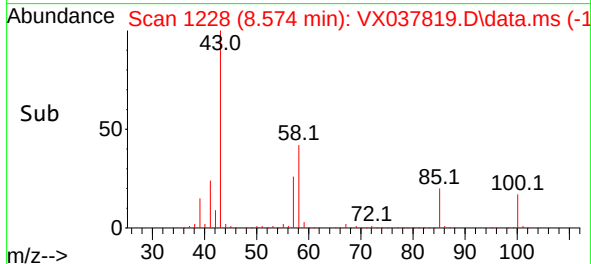
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



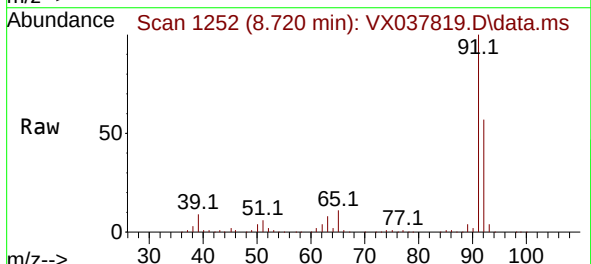
Tgt Ion: 43 Resp: 97113
Ion Ratio Lower Upper
43 100
58 41.1 30.4 45.6

Manual Integrations
APPROVED

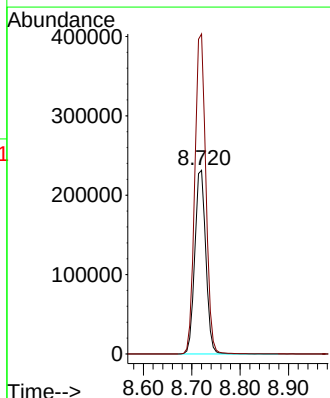
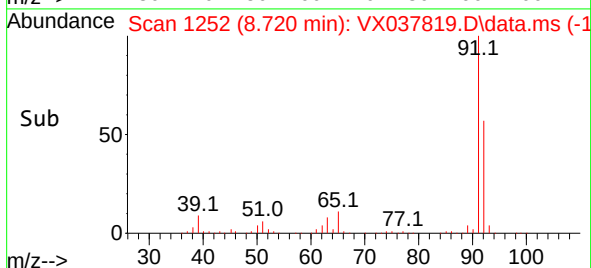
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023

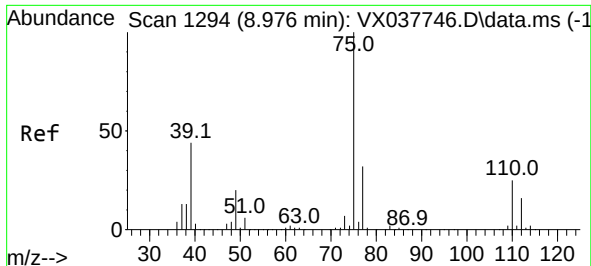


#52
Toluene
Concen: 45.169 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX037819.D
Acq: 20 Sep 2023 09:33



Tgt Ion: 92 Resp: 364495
Ion Ratio Lower Upper
92 100
91 175.2 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 48.882 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. -0.012 min

Lab File: VX037819.D

Acq: 20 Sep 2023 09:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 75 Resp: 220184

Ion Ratio Lower Upper

75 100

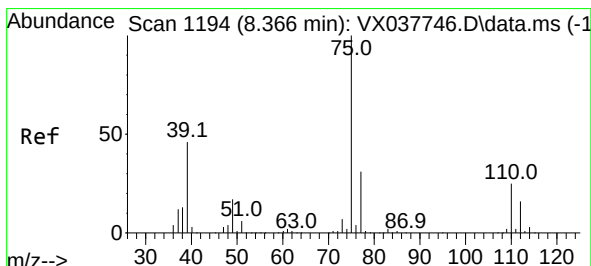
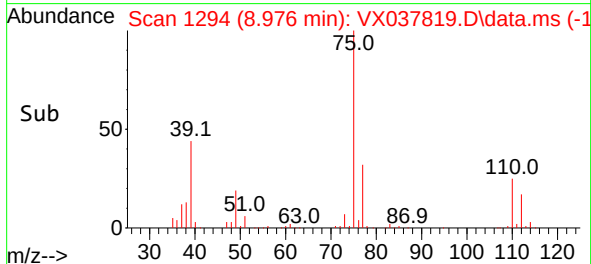
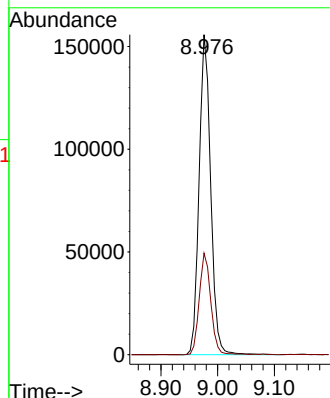
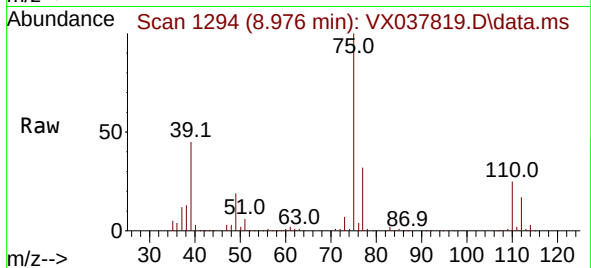
77 31.7 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/21/2023

Supervised By :Mahesh Dadoda 09/21/2023



#54

cis-1,3-Dichloropropene

Concen: 47.517 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.006 min

Lab File: VX037819.D

Acq: 20 Sep 2023 09:33

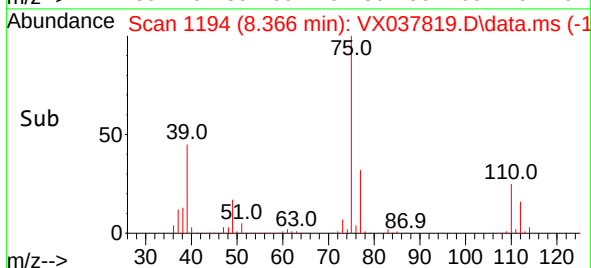
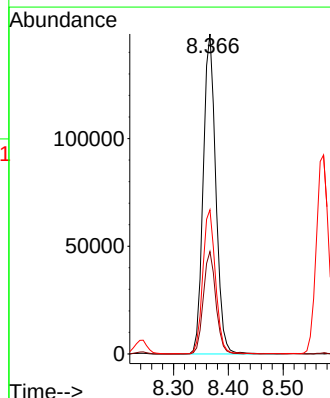
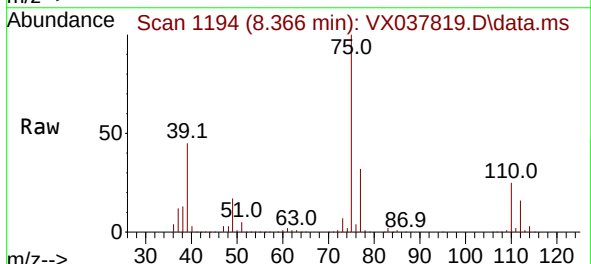
Tgt Ion: 75 Resp: 236884

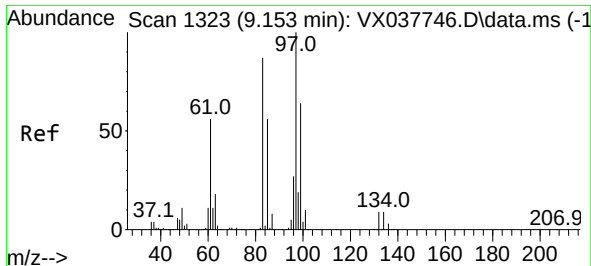
Ion Ratio Lower Upper

75 100

77 32.0 25.3 37.9

39 45.0 46.7 70.1#





#55

1,1,2-Trichloroethane

Concen: 45.487 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. 0.000 min

Lab File: VX037819.D

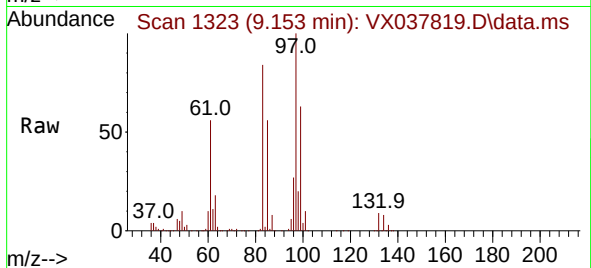
Acq: 20 Sep 2023 09:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



Tgt Ion: 97 Resp: 15476

Ion Ratio Lower Upper

97 100

83 83.7 65.8 98.8

85 55.6 41.6 62.4

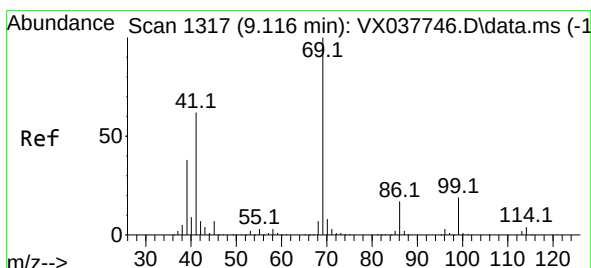
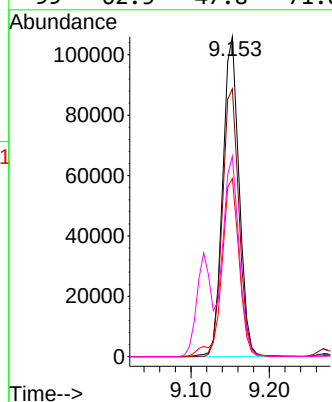
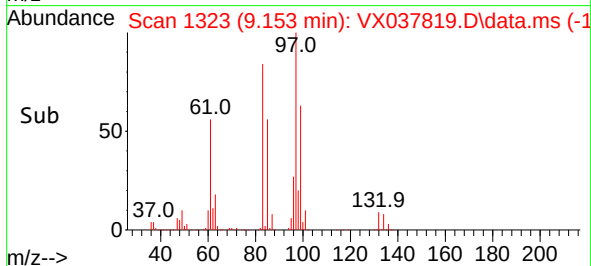
99 62.5 47.8 71.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/21/2023

Supervised By :Mahesh Dadoda 09/21/2023



#56

Ethyl methacrylate

Concen: 45.354 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. -0.006 min

Lab File: VX037819.D

Acq: 20 Sep 2023 09:33

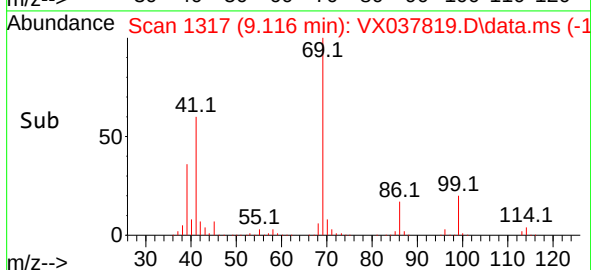
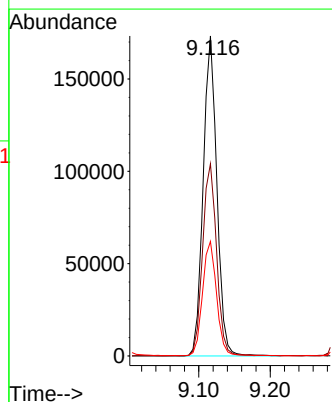
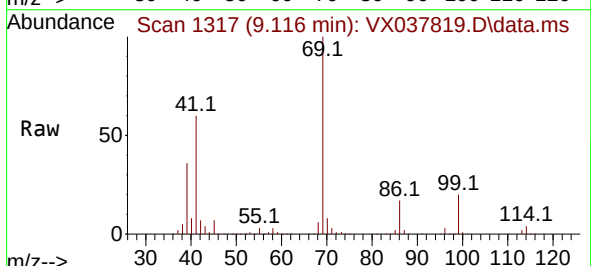
Tgt Ion: 69 Resp: 230360

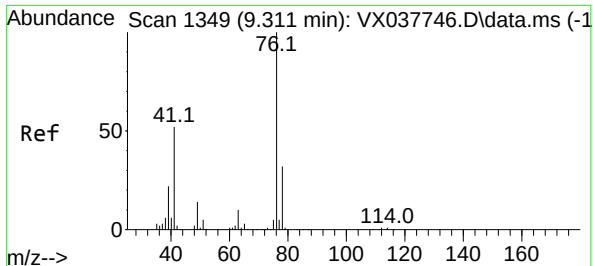
Ion Ratio Lower Upper

69 100

41 61.6 56.8 85.2

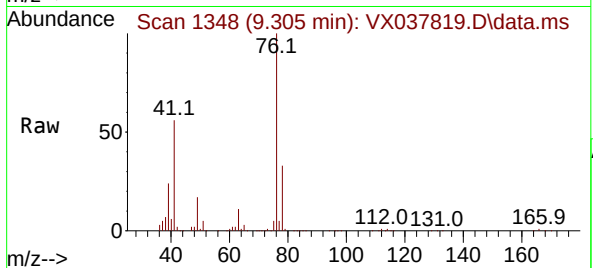
39 36.8 32.0 48.0





#57
1,3-Dichloropropane
Concen: 44.716 ug/l
RT: 9.305 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VX037819.D
Acq: 20 Sep 2023 09:33

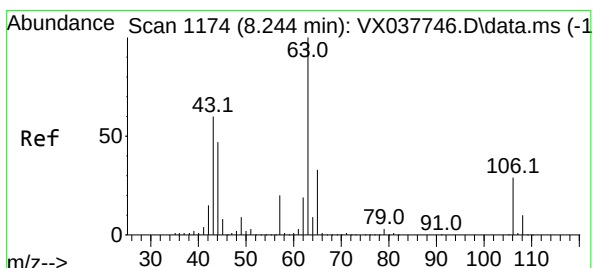
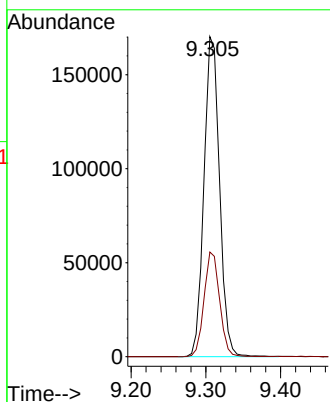
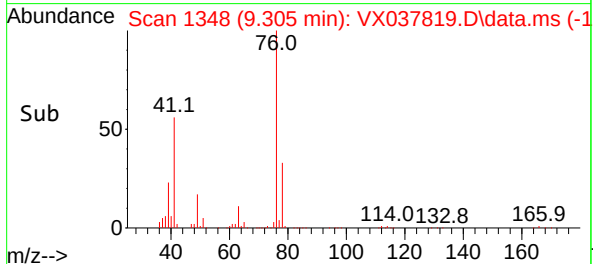
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



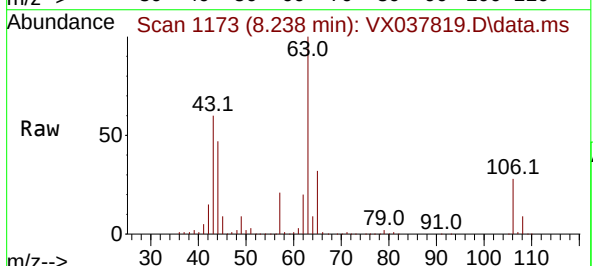
Tgt Ion: 76 Resp: 246180
Ion Ratio Lower Upper
76 100
78 32.7 26.1 39.1

Manual Integrations
APPROVED

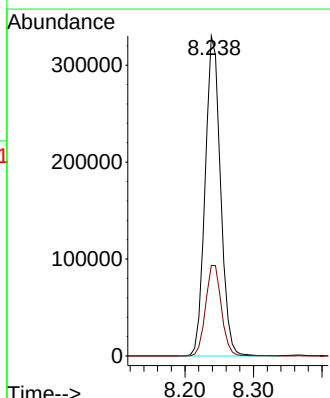
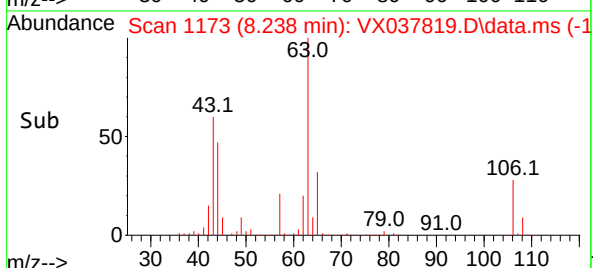
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023

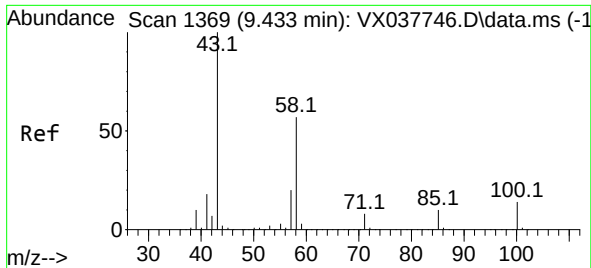


#58
2-Chloroethyl Vinyl ether
Concen: 217.051 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.006 min
Lab File: VX037819.D
Acq: 20 Sep 2023 09:33



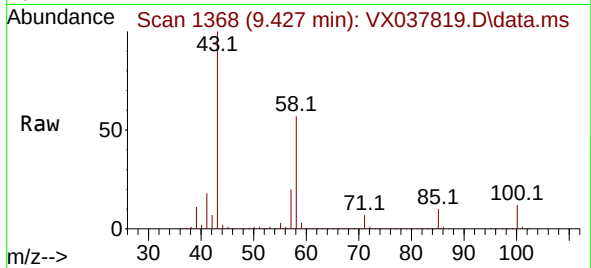
Tgt Ion: 63 Resp: 514787
Ion Ratio Lower Upper
63 100
106 29.2 22.5 33.7





#59
2-Hexanone
Concen: 217.330 ug/l
RT: 9.427 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX037819.D
Acq: 20 Sep 2023 09:33

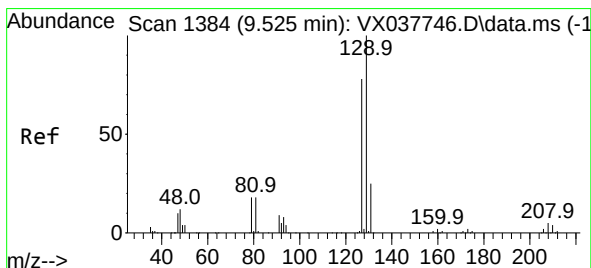
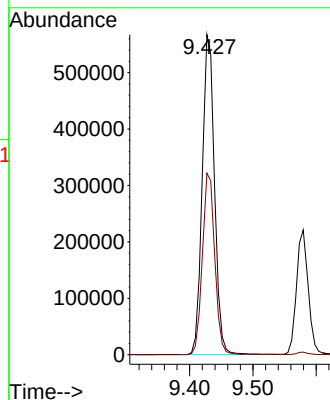
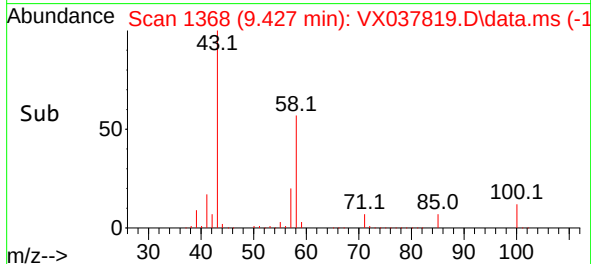
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



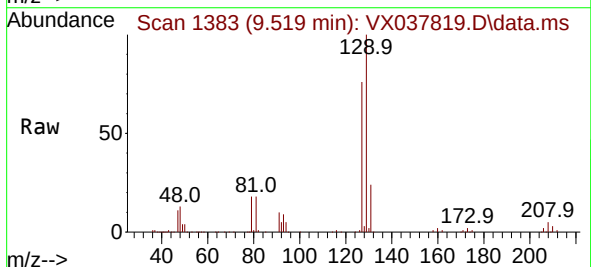
Tgt Ion: 43 Resp: 768444
Ion Ratio Lower Upper
43 100
58 57.2 26.2 78.5

Manual Integrations
APPROVED

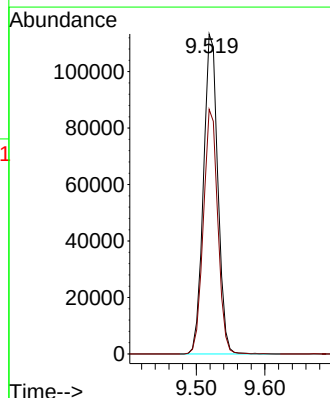
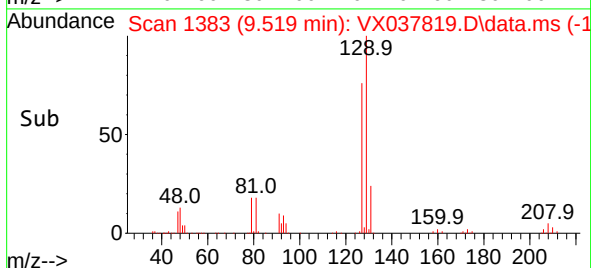
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023

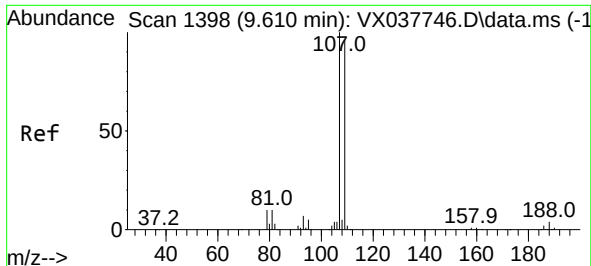


#60
Dibromochloromethane
Concen: 48.806 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX037819.D
Acq: 20 Sep 2023 09:33



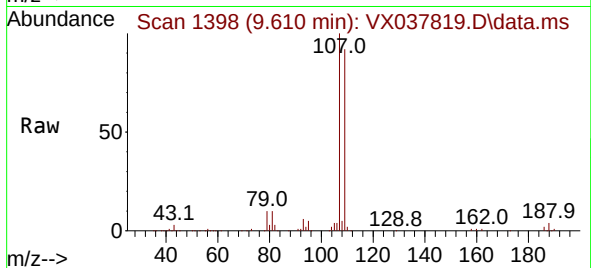
Tgt Ion:129 Resp: 165421
Ion Ratio Lower Upper
129 100
127 76.7 38.8 116.4





#61
1,2-Dibromoethane
Concen: 46.128 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX037819.D
Acq: 20 Sep 2023 09:33

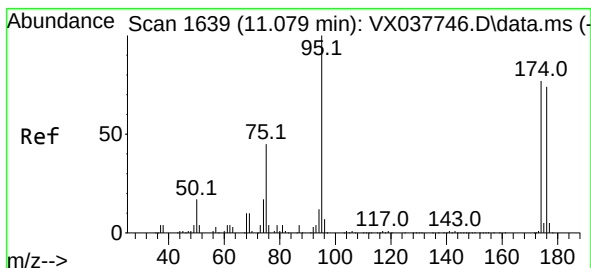
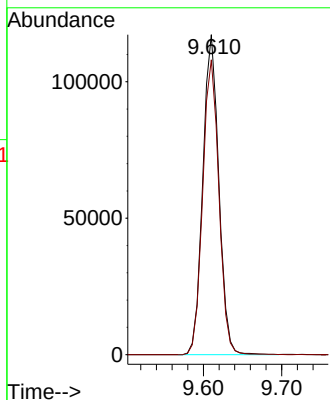
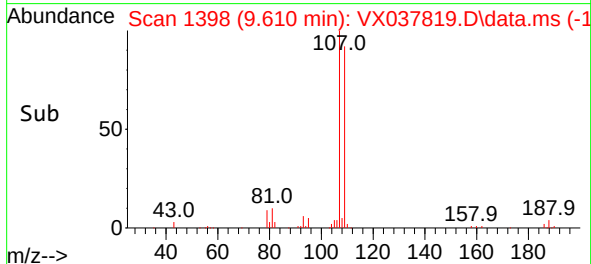
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



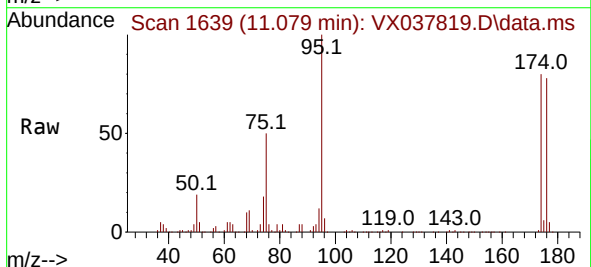
Tgt Ion:107 Resp: 166163
Ion Ratio Lower Upper
107 100
109 93.2 75.2 112.8

Manual Integrations
APPROVED

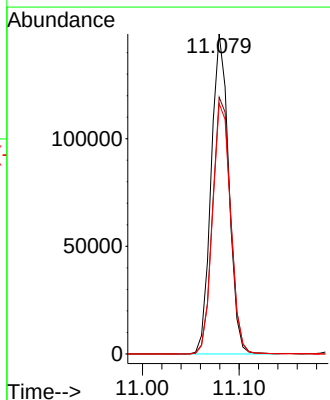
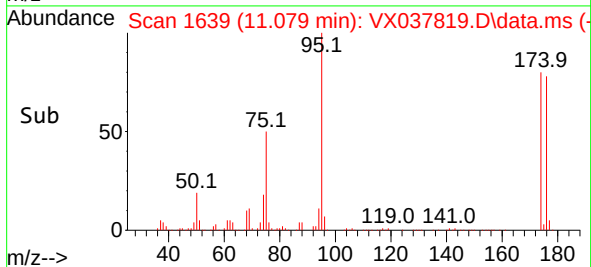
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023

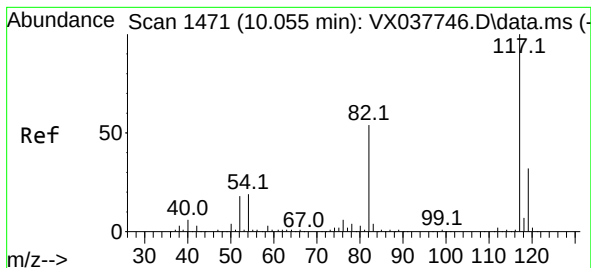


#62
4-Bromofluorobenzene
Concen: 47.117 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037819.D
Acq: 20 Sep 2023 09:33



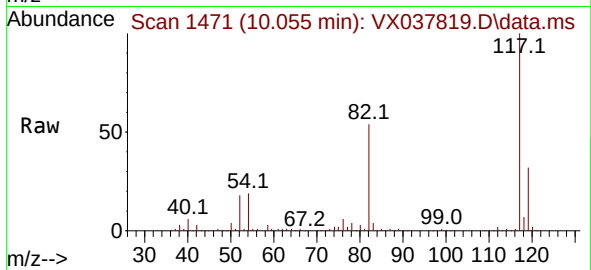
Tgt Ion: 95 Resp: 188041
Ion Ratio Lower Upper
95 100
174 82.3 0.0 135.6
176 80.0 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037819.D
Acq: 20 Sep 2023 09:33

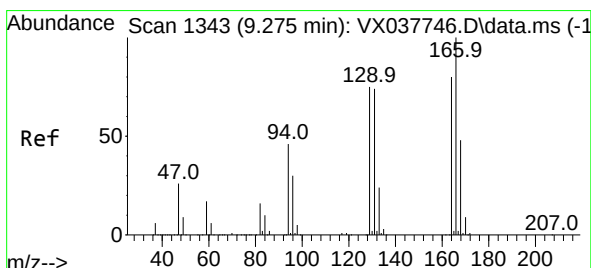
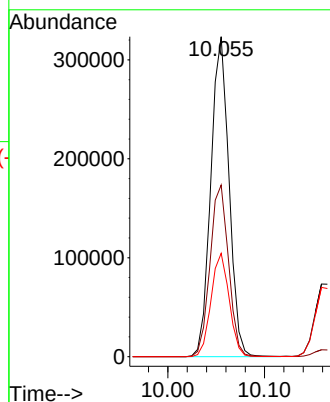
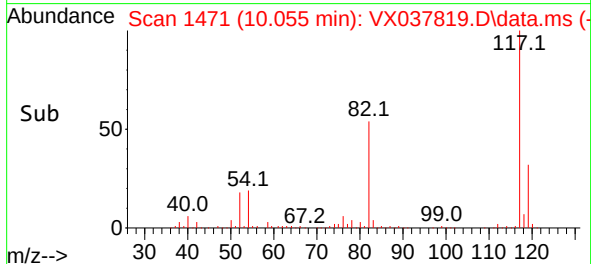
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 42279
Ion Ratio Lower Upper
117 100
82 53.7 46.2 69.4
119 32.3 25.5 38.3

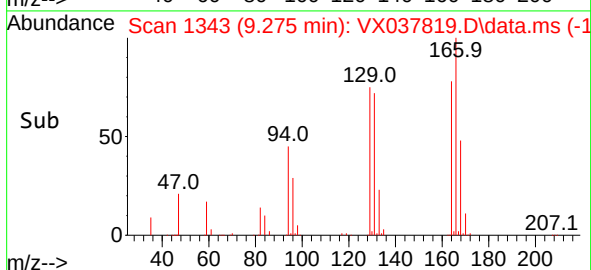
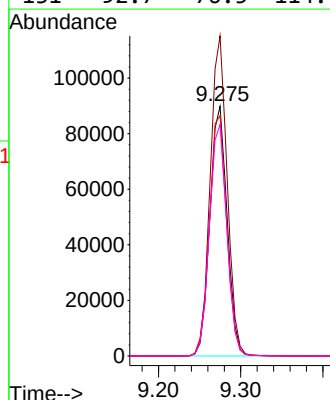
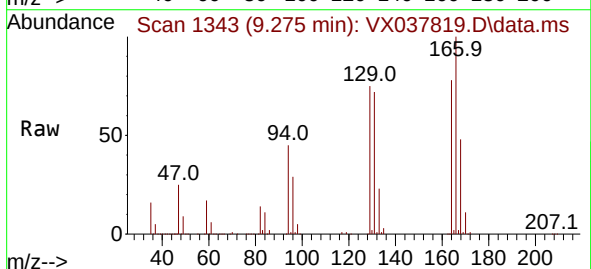
Manual Integrations
APPROVED

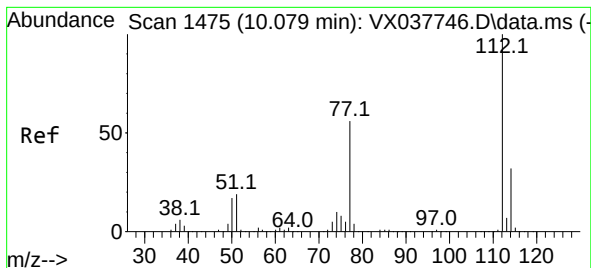
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023



#64
Tetrachloroethene
Concen: 45.322 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX037819.D
Acq: 20 Sep 2023 09:33

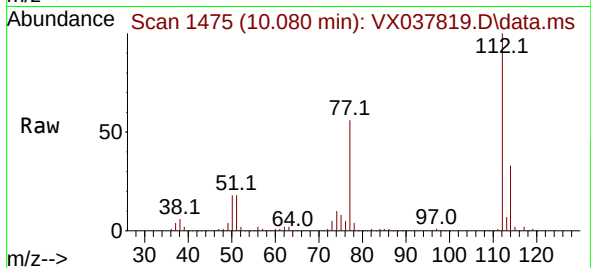
Tgt Ion:164 Resp: 130680
Ion Ratio Lower Upper
164 100
166 128.2 102.7 154.1
129 96.3 80.4 120.6
131 92.7 76.5 114.7





#65
Chlorobenzene
Concen: 44.279 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX037819.D
Acq: 20 Sep 2023 09:33

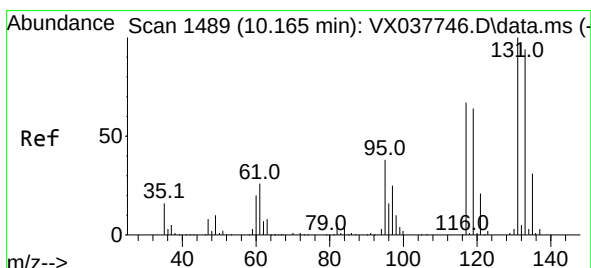
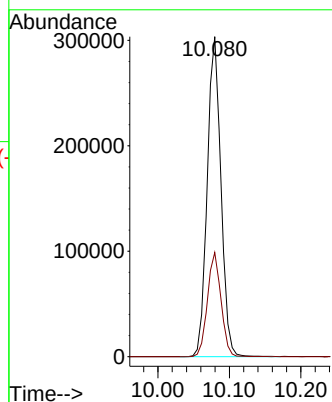
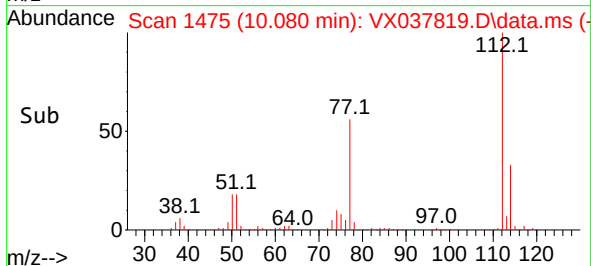
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



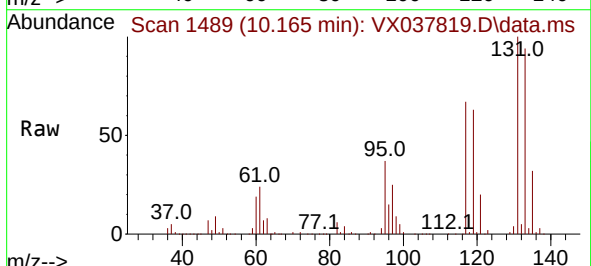
Tgt Ion:112 Resp: 403810
Ion Ratio Lower Upper
112 100
114 32.5 25.7 38.5

Manual Integrations
APPROVED

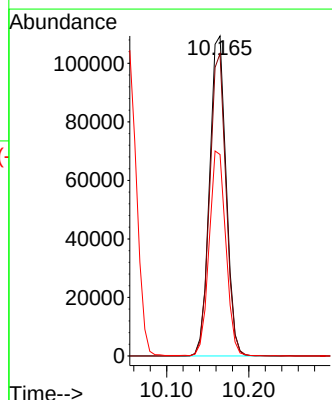
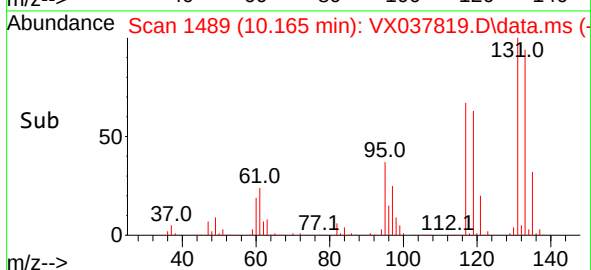
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023

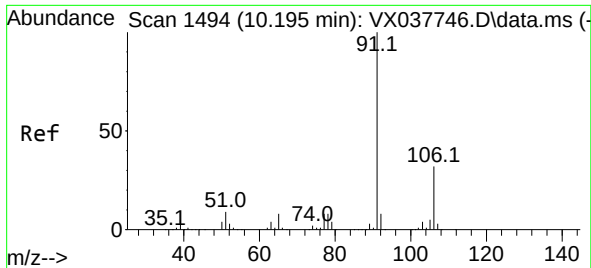


#66
1,1,1,2-Tetrachloroethane
Concen: 47.312 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX037819.D
Acq: 20 Sep 2023 09:33



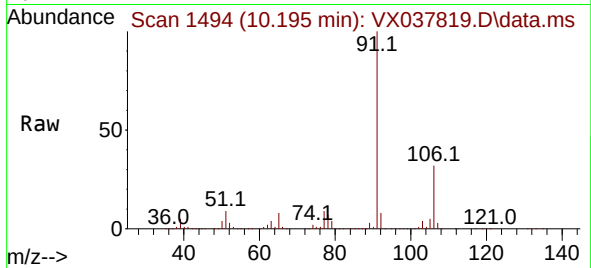
Tgt Ion:131 Resp: 152905
Ion Ratio Lower Upper
131 100
133 93.5 47.1 141.4
119 64.6 32.2 96.6





#67
Ethyl Benzene
Concen: 45.733 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX037819.D
Acq: 20 Sep 2023 09:33

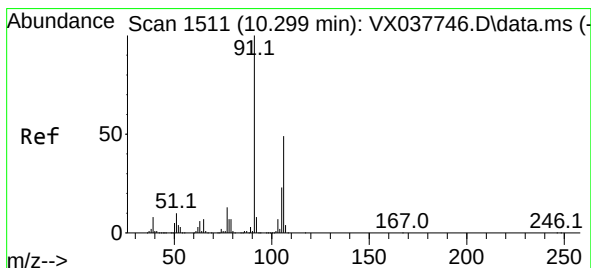
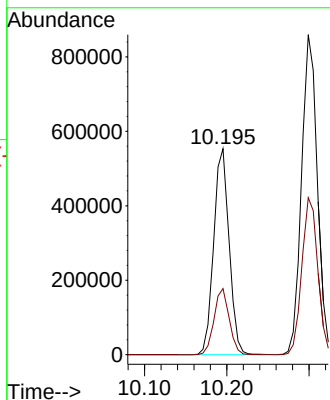
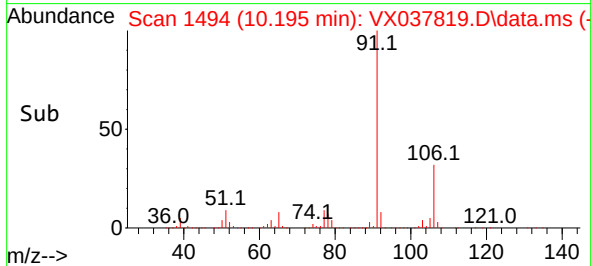
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



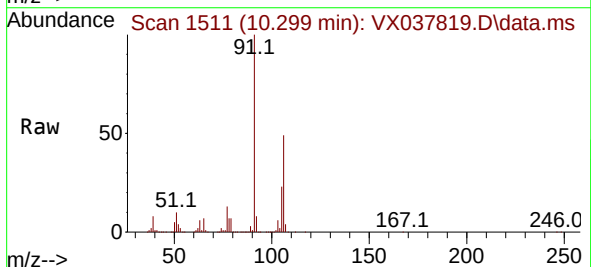
Tgt Ion: 91 Resp: 723094
Ion Ratio Lower Upper
91 100
106 32.1 24.9 37.3

Manual Integrations
APPROVED

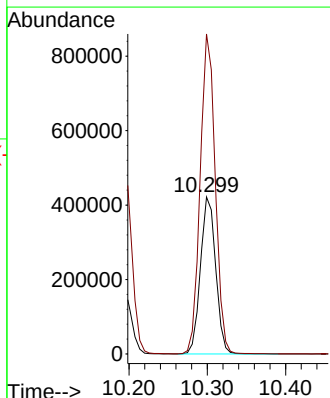
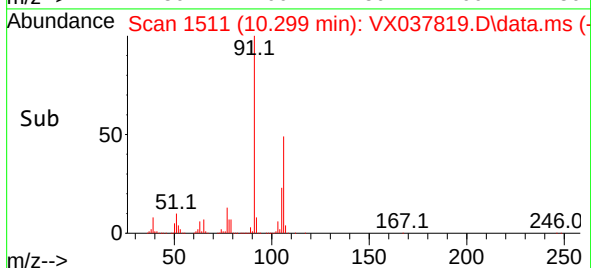
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023

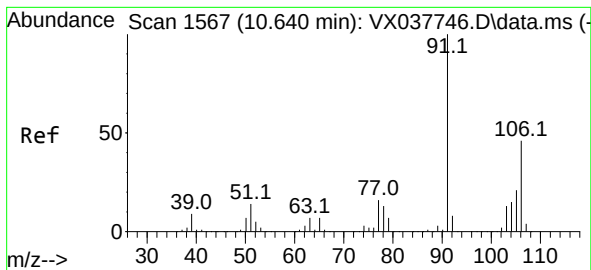


#68
m/p-Xylenes
Concen: 93.049 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX037819.D
Acq: 20 Sep 2023 09:33



Tgt Ion:106 Resp: 568498
Ion Ratio Lower Upper
106 100
91 202.0 165.5 248.3





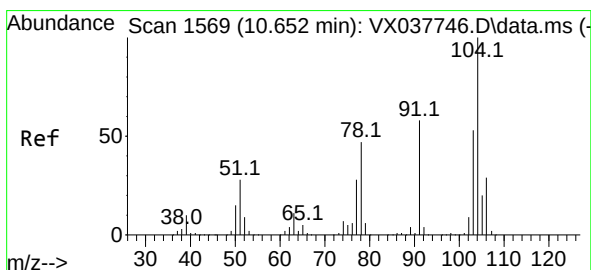
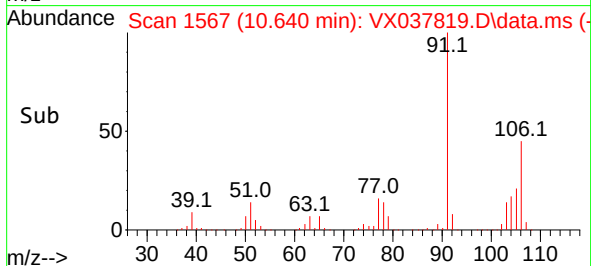
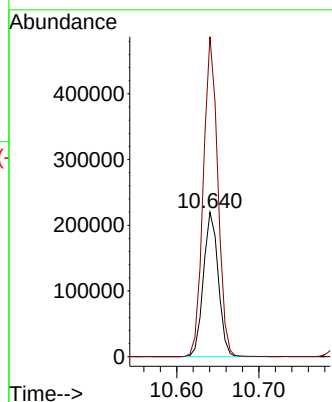
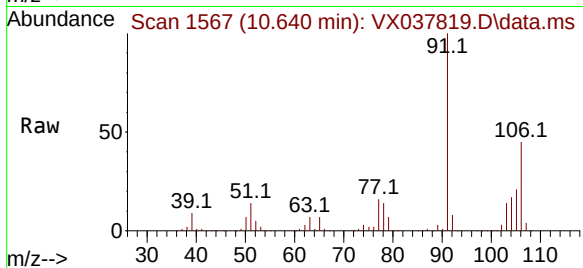
#69
o-Xylene
Concen: 44.974 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.006 min
Lab File: VX037819.D
Acq: 20 Sep 2023 09:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 27554
Ion Ratio Lower Upper
106 100
91 216.3 108.9 326.8

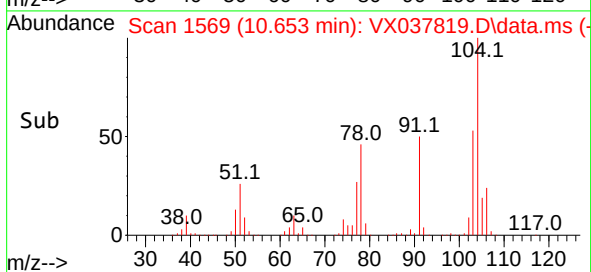
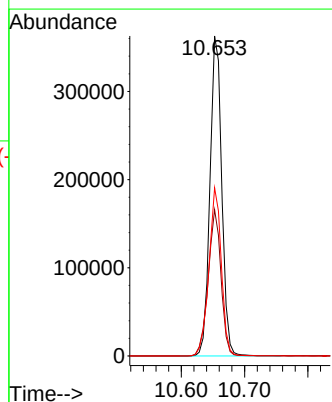
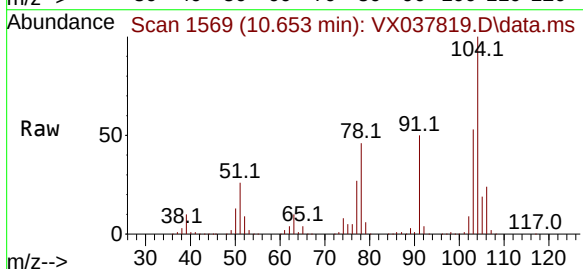
Manual Integrations
APPROVED

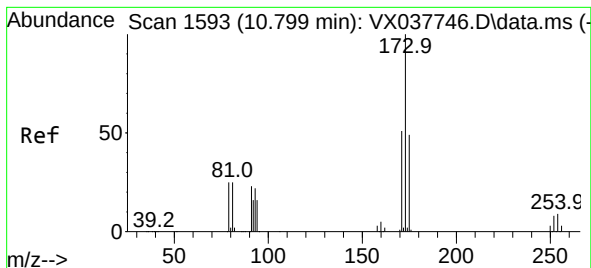
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023



#70
Styrene
Concen: 47.924 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.006 min
Lab File: VX037819.D
Acq: 20 Sep 2023 09:33

Tgt Ion:104 Resp: 471362
Ion Ratio Lower Upper
104 100
78 49.6 43.6 65.4
103 55.7 43.6 65.4





#71

Bromoform

Concen: 49.139 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX037819.D

Acq: 20 Sep 2023 09:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:173 Resp: 12545

Ion Ratio Lower Upper

173 100

175 48.4 24.1 72.4

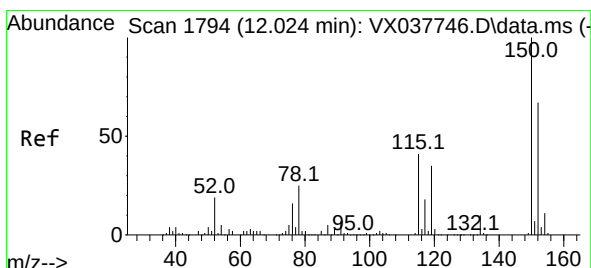
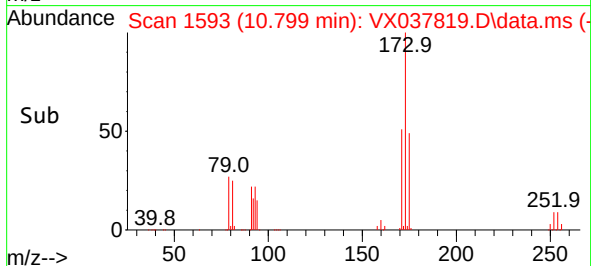
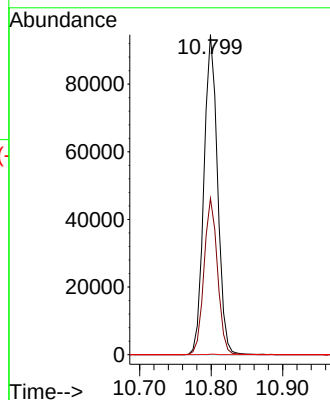
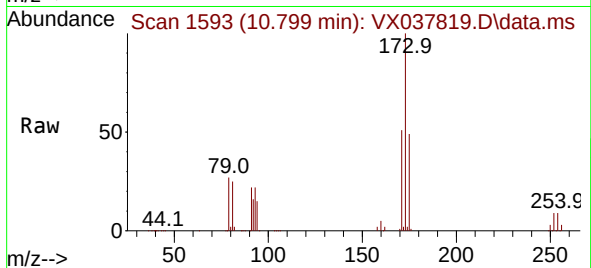
254 0.1 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/21/2023

Supervised By :Mahesh Dadoda 09/21/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX037819.D

Acq: 20 Sep 2023 09:33

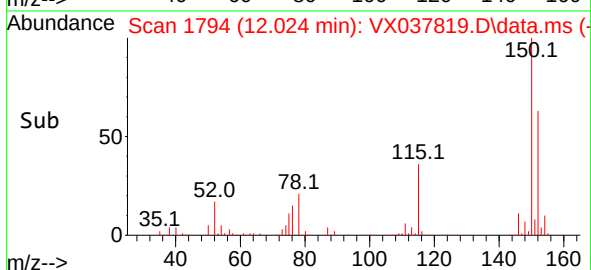
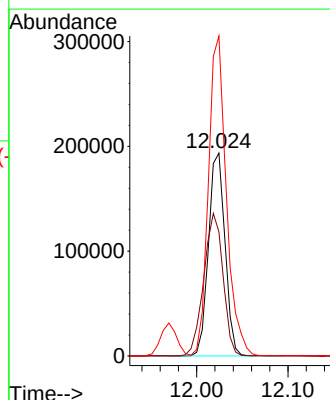
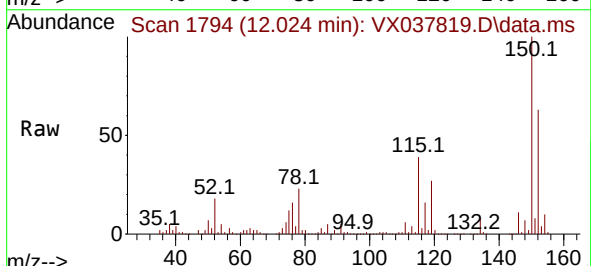
Tgt Ion:152 Resp: 242969

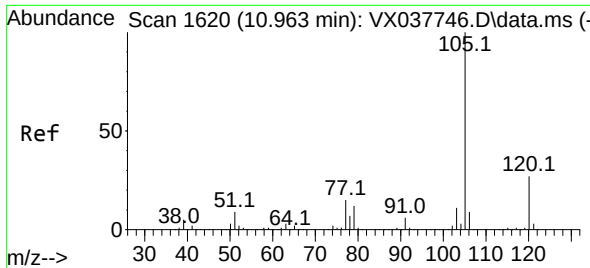
Ion Ratio Lower Upper

152 100

115 81.9 43.3 129.9

150 170.9 0.0 345.0





#73
Isopropylbenzene
Concen: 41.414 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX037819.D
Acq: 20 Sep 2023 09:33

Instrument :

MSVOA_X

ClientSampleId :

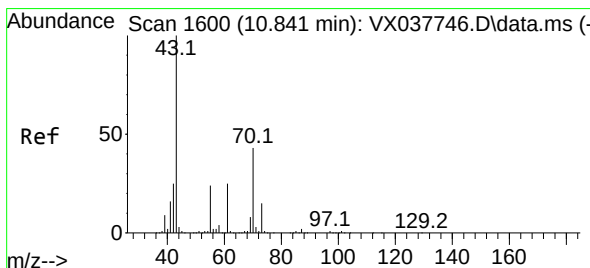
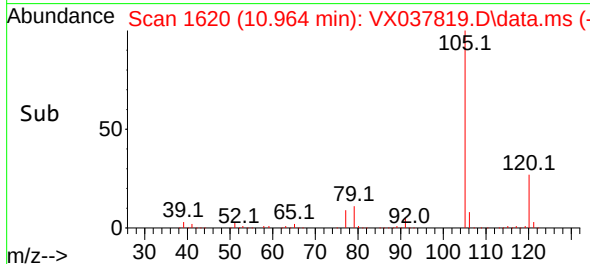
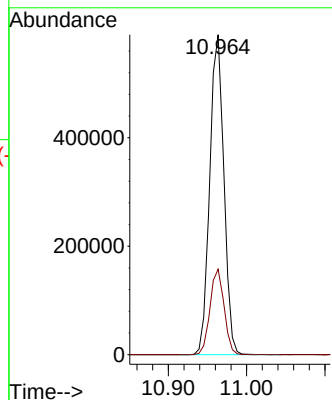
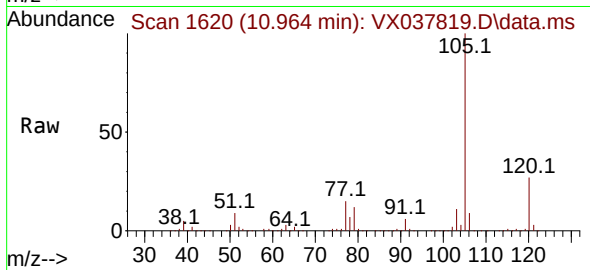
VSTDCCC050

Tgt Ion:105 Resp: 738228
Ion Ratio Lower Upper
105 100
120 26.6 12.9 38.6

Manual Integrations

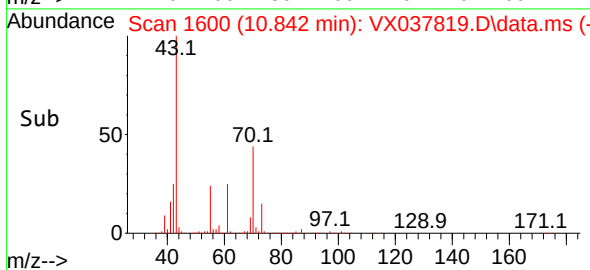
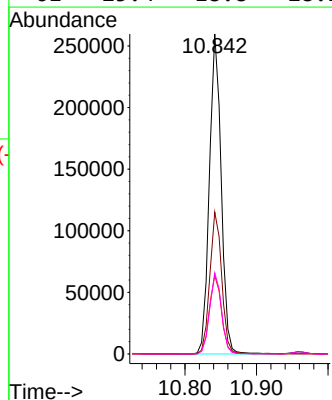
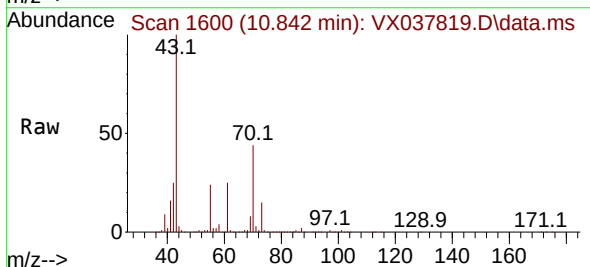
APPROVED

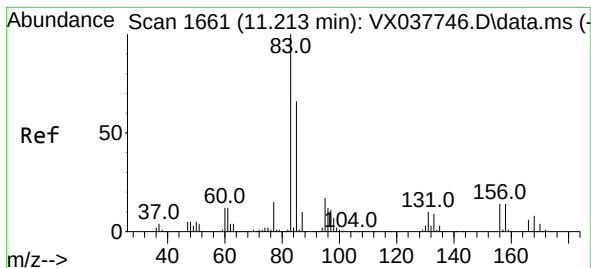
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023



#74
N-ethyl acetate
Concen: 41.271 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. -0.006 min
Lab File: VX037819.D
Acq: 20 Sep 2023 09:33

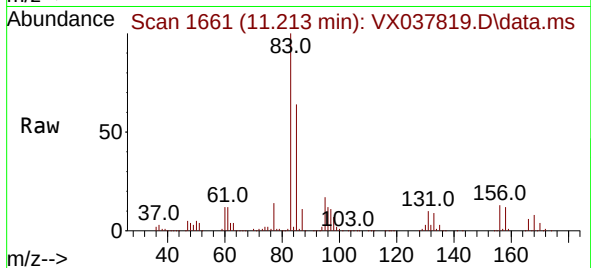
Tgt Ion: 43 Resp: 297939
Ion Ratio Lower Upper
43 100
70 44.8 32.9 49.3
55 25.4 19.3 28.9
61 25.4 18.8 28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 40.269 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX037819.D
Acq: 20 Sep 2023 09:33

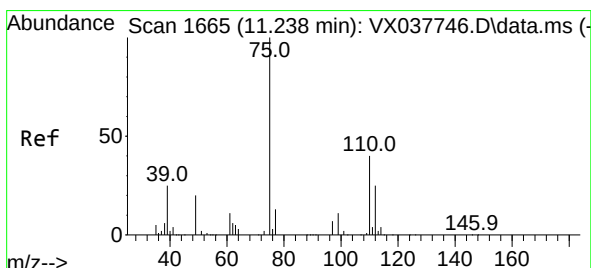
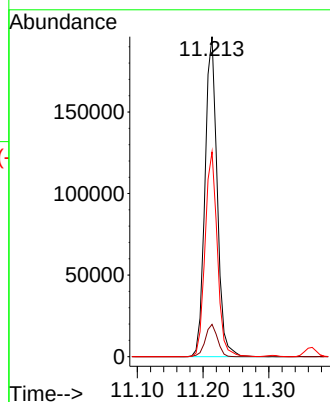
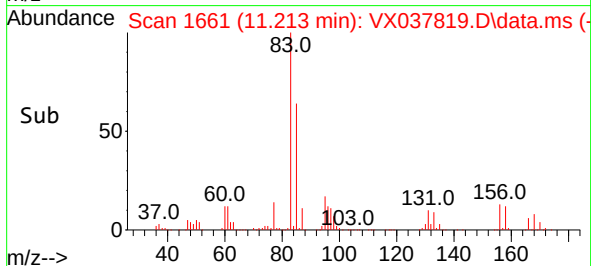
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



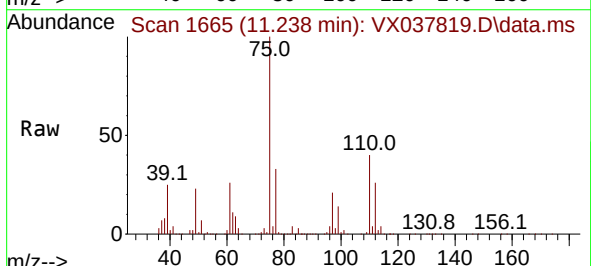
Tgt Ion: 83 Resp: 252450
Ion Ratio Lower Upper
83 100
131 10.2 5.3 15.8
85 64.6 32.0 96.2

Manual Integrations
APPROVED

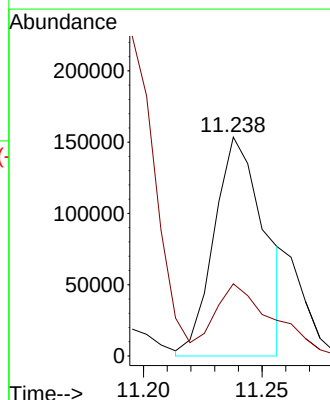
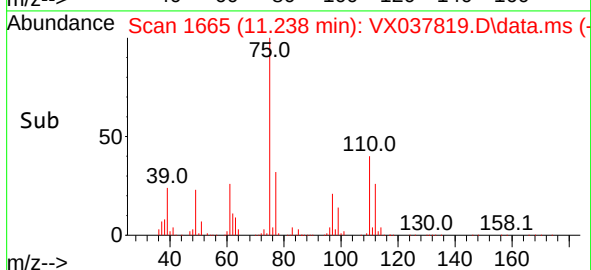
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023

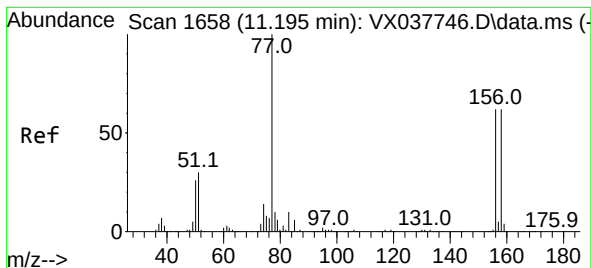


#76
1,2,3-Trichloropropane
Concen: 40.233 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX037819.D
Acq: 20 Sep 2023 09:33



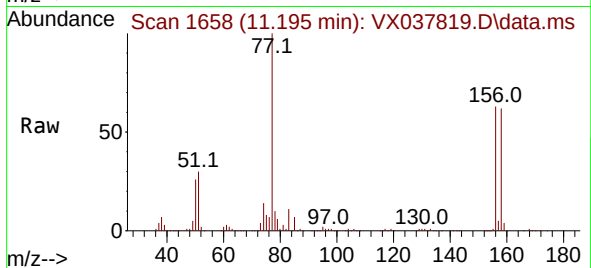
Tgt Ion: 75 Resp: 226094
Ion Ratio Lower Upper
75 100
77 38.6 19.1 57.5





#77
Bromobenzene
Concen: 42.070 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.006 min
Lab File: VX037819.D
Acq: 20 Sep 2023 09:33

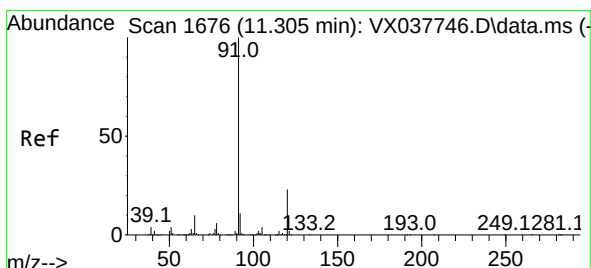
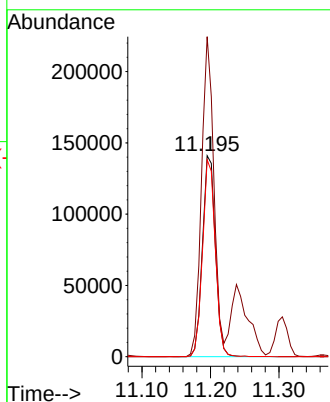
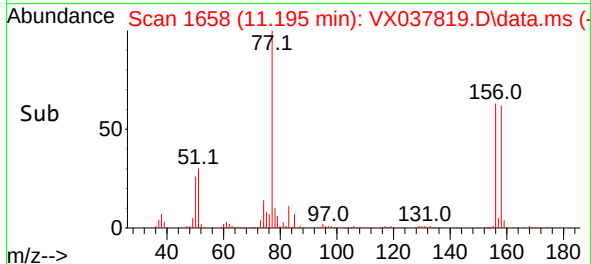
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



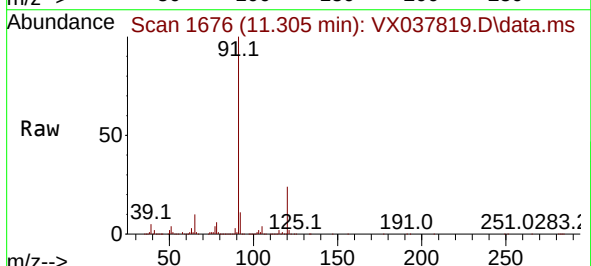
Tgt Ion:156 Resp: 185612
Ion Ratio Lower Upper
156 100
77 151.9 88.4 265.3
158 96.8 48.0 144.0

Manual Integrations
APPROVED

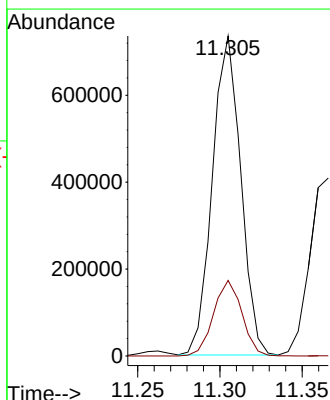
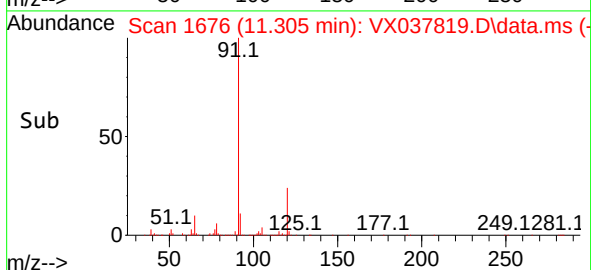
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023

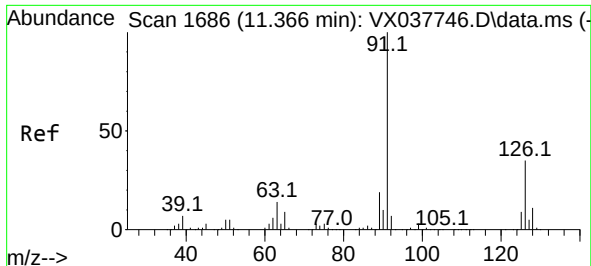


#78
n-propylbenzene
Concen: 43.810 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX037819.D
Acq: 20 Sep 2023 09:33



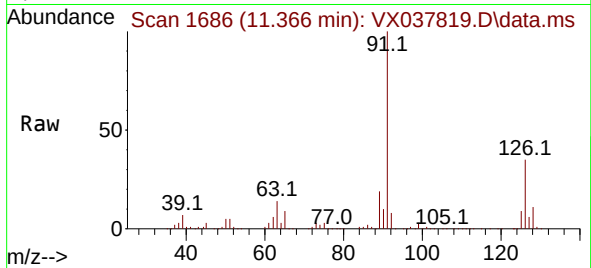
Tgt Ion: 91 Resp: 881946
Ion Ratio Lower Upper
91 100
120 23.6 11.5 34.4





#79
2-Chlorotoluene
Concen: 41.829 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX037819.D
Acq: 20 Sep 2023 09:33

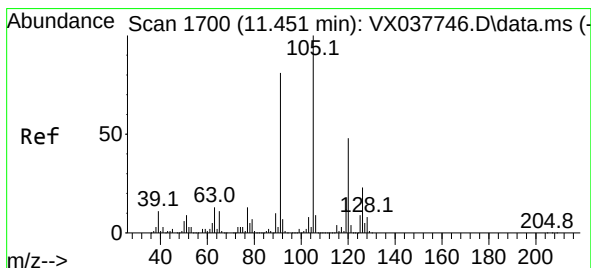
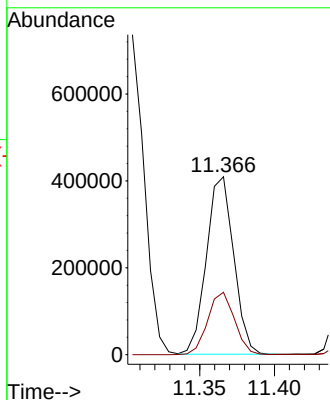
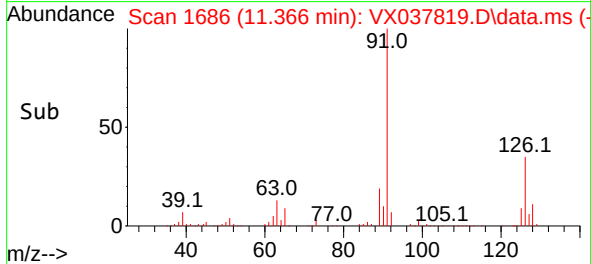
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



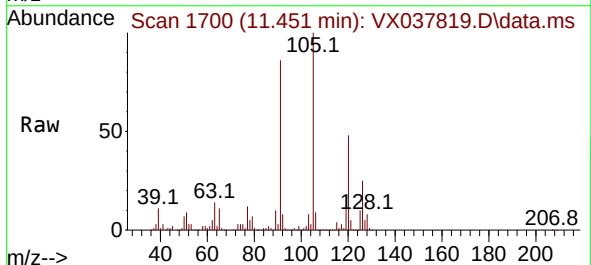
Tgt Ion: 91 Resp: 519200
Ion Ratio Lower Upper
91 100
126 34.5 16.3 48.8

Manual Integrations
APPROVED

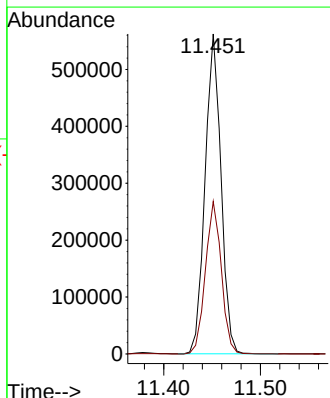
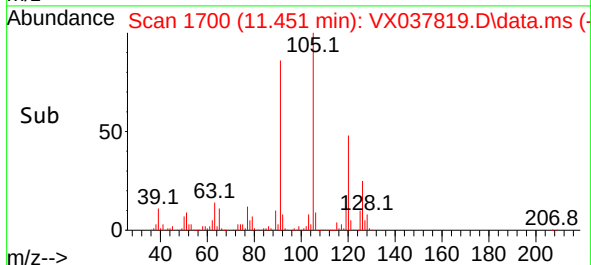
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023

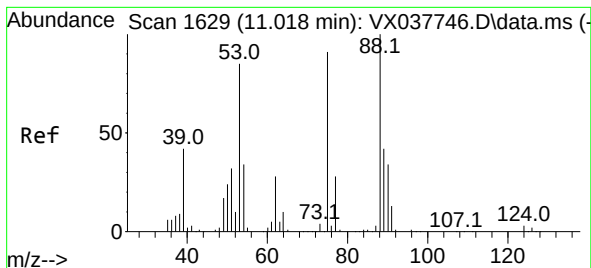


#80
1,3,5-Trimethylbenzene
Concen: 42.802 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX037819.D
Acq: 20 Sep 2023 09:33



Tgt Ion:105 Resp: 644320
Ion Ratio Lower Upper
105 100
120 47.7 24.1 72.3





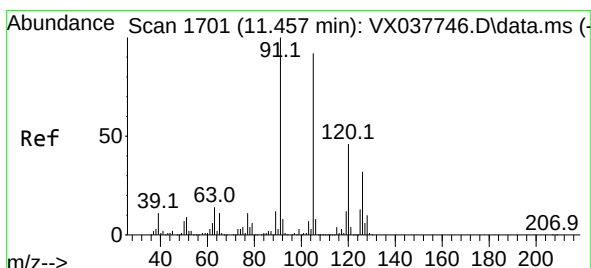
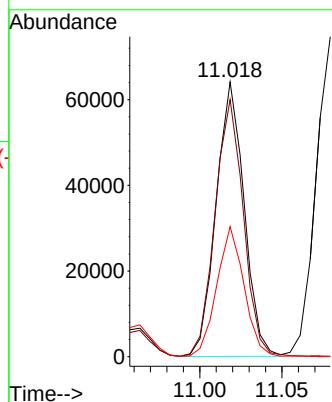
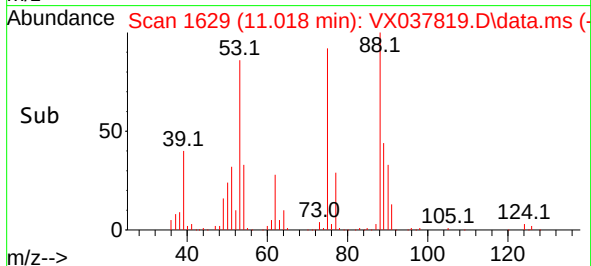
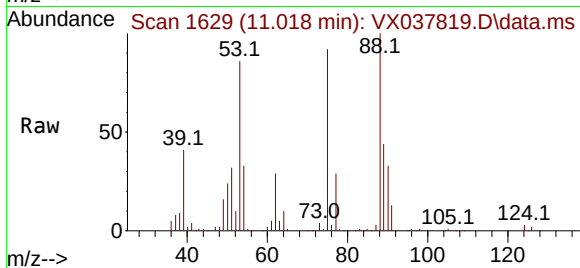
#81
trans-1,4-Dichloro-2-butene
Concen: 43.338 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX037819.D
Acq: 20 Sep 2023 09:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 76028
Ion Ratio Lower Upper
75 100
53 94.4 90.5 135.7
89 46.3 36.9 55.3

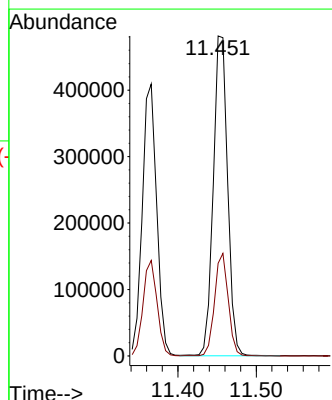
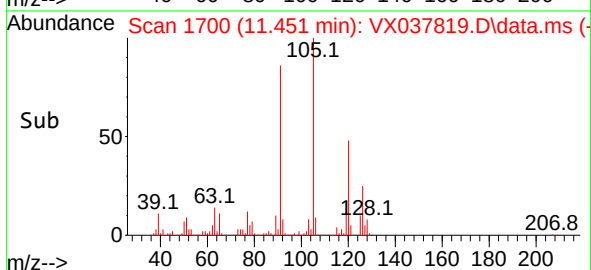
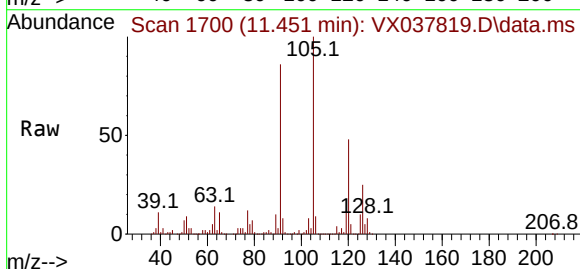
Manual Integrations
APPROVED

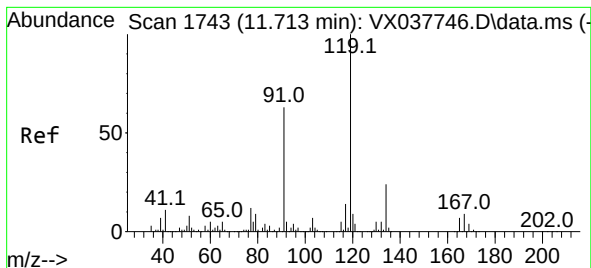
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023



#82
4-Chlorotoluene
Concen: 43.781 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX037819.D
Acq: 20 Sep 2023 09:33

Tgt Ion: 91 Resp: 611813
Ion Ratio Lower Upper
91 100
126 30.5 14.2 42.6





#83

tert-Butylbenzene

Concen: 42.333 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX037819.D

Acq: 20 Sep 2023 09:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

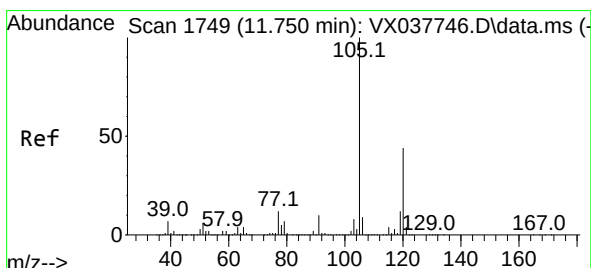
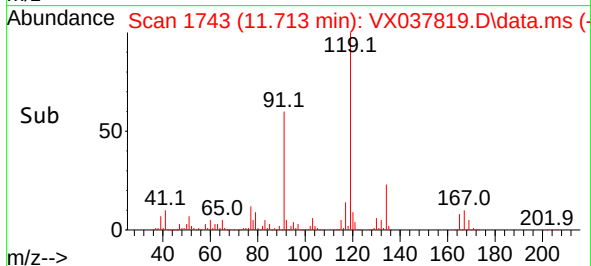
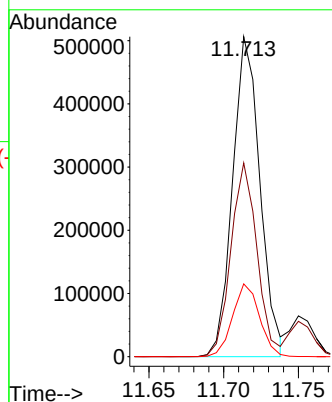
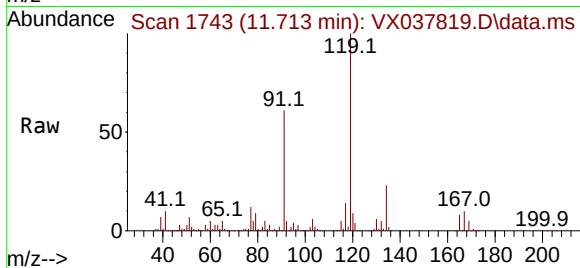
Tgt Ion:119 Resp: 644065
 Ion Ratio Lower Upper
 119 100
 91 57.8 31.2 93.6
 134 22.4 11.7 35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/21/2023

Supervised By :Mahesh Dadoda 09/21/2023



#84

1,2,4-Trimethylbenzene

Concen: 43.210 ug/l

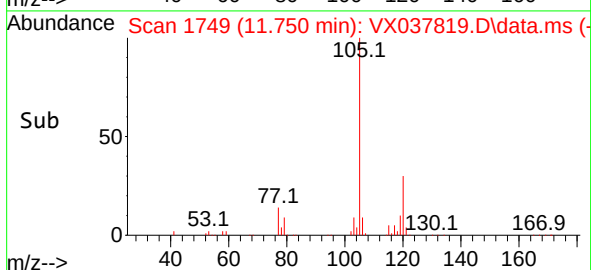
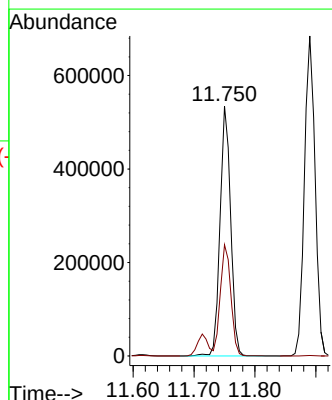
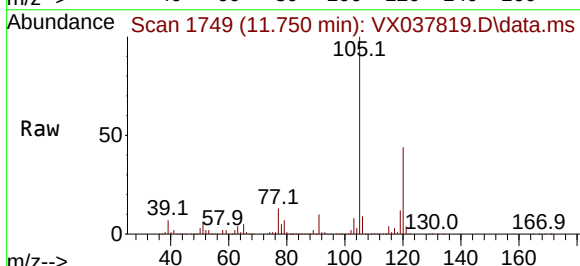
RT: 11.750 min Scan# 1749

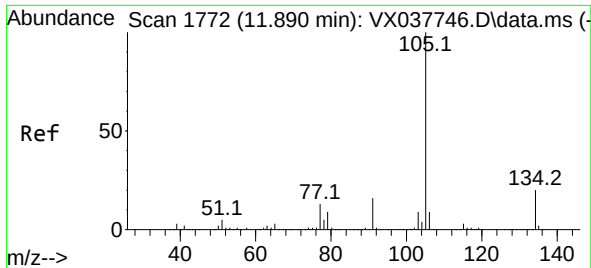
Delta R.T. -0.006 min

Lab File: VX037819.D

Acq: 20 Sep 2023 09:33

Tgt Ion:105 Resp: 647182
 Ion Ratio Lower Upper
 105 100
 120 44.1 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 45.045 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX037819.D
 Acq: 20 Sep 2023 09:33

Instrument :

MSVOA_X

ClientSampleId :

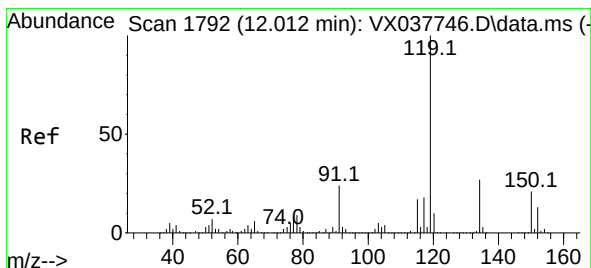
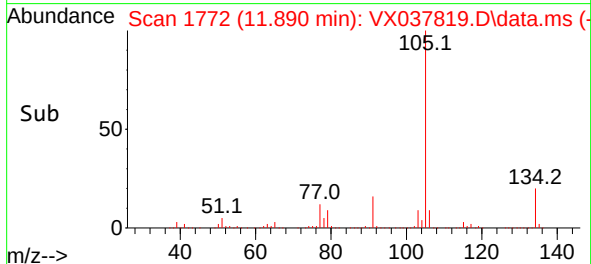
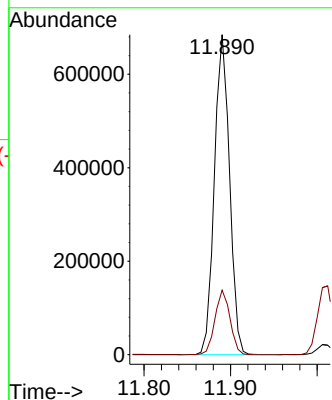
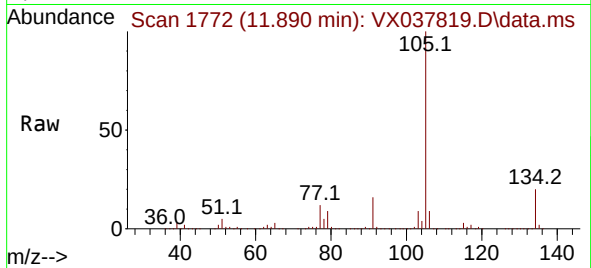
VSTDCCC050

Tgt Ion:105 Resp: 83143
 Ion Ratio Lower Upper
 105 100
 134 20.0 9.8 29.4

Manual Integrations

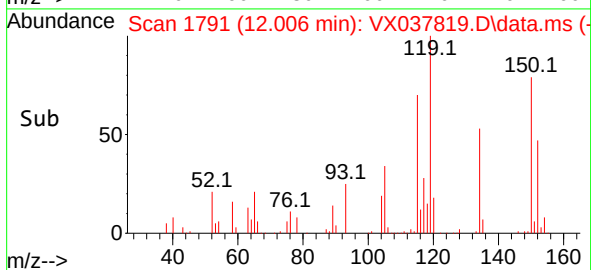
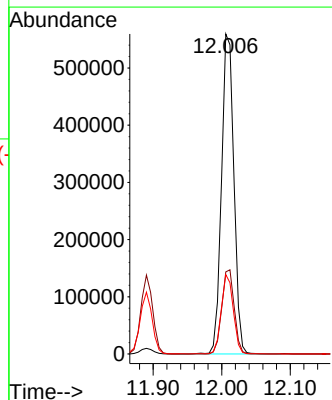
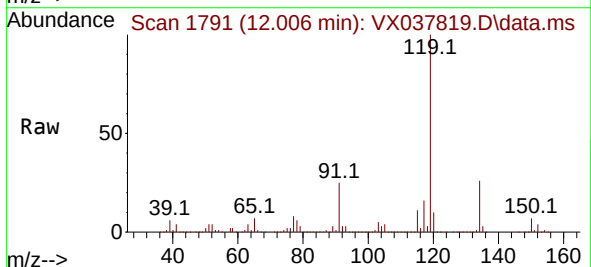
APPROVED

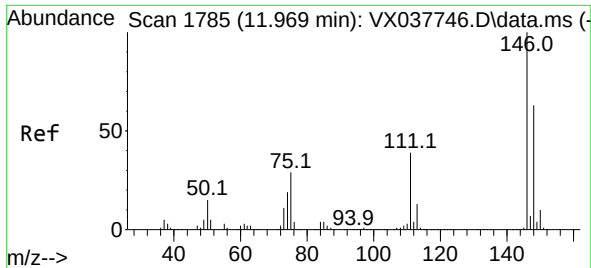
Reviewed By :John Carlone 09/21/2023
 Supervised By :Mahesh Dadoda 09/21/2023



#86
 p-Isopropyltoluene
 Concen: 45.521 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.006 min
 Lab File: VX037819.D
 Acq: 20 Sep 2023 09:33

Tgt Ion:119 Resp: 700037
 Ion Ratio Lower Upper
 119 100
 134 26.5 12.8 38.3
 91 24.0 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 44.087 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX037819.D

Acq: 20 Sep 2023 09:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 362590

Ion Ratio Lower Upper

146 100

111 40.2 22.1 66.1

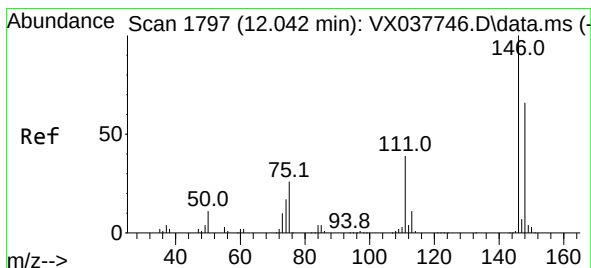
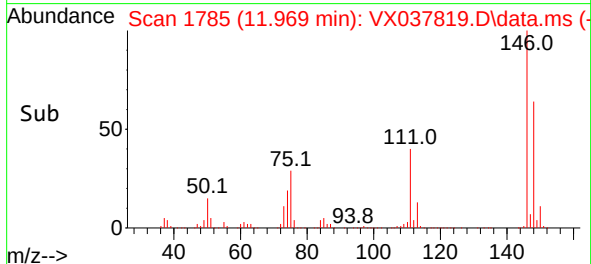
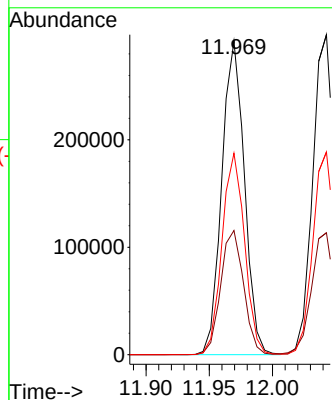
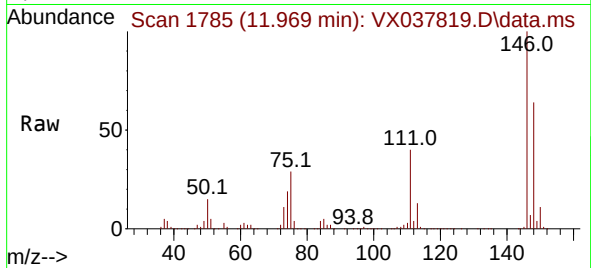
148 64.1 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/21/2023

Supervised By :Mahesh Dadoda 09/21/2023



#88

1,4-Dichlorobenzene

Concen: 43.997 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX037819.D

Acq: 20 Sep 2023 09:33

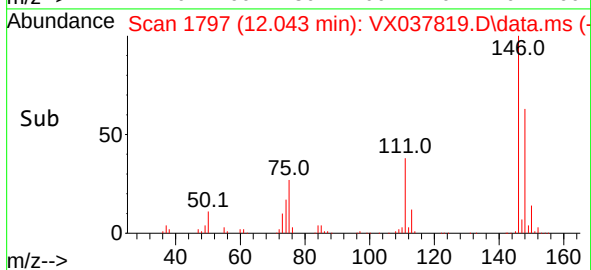
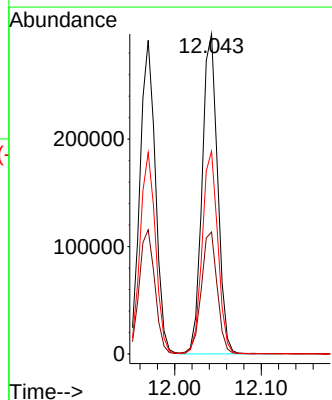
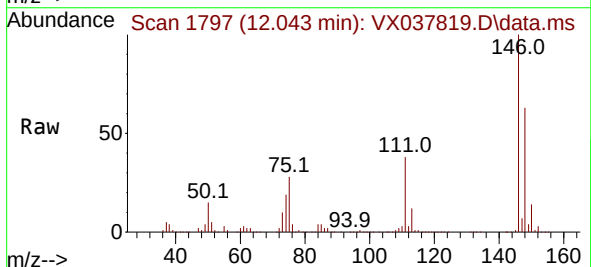
Tgt Ion:146 Resp: 370276

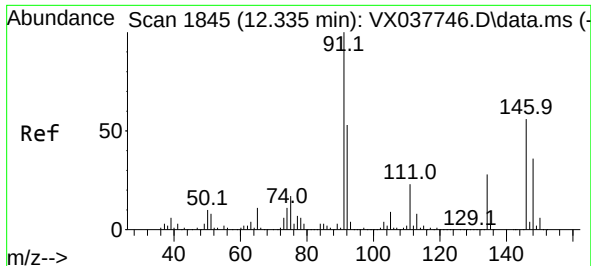
Ion Ratio Lower Upper

146 100

111 39.2 21.3 63.7

148 63.9 31.8 95.4





#89

n-Butylbenzene

Concen: 48.829 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.006 min

Lab File: VX037819.D

Acq: 20 Sep 2023 09:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 657814

Ion Ratio Lower Upper

91 100

92 52.8 27.4 82.0

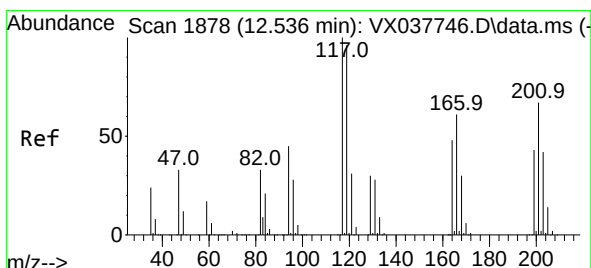
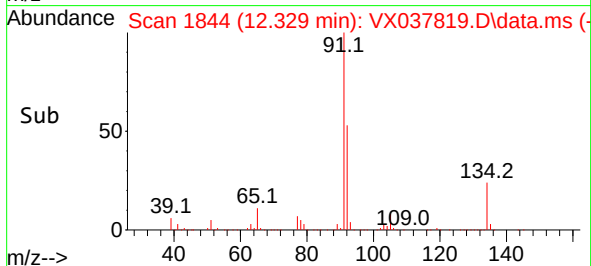
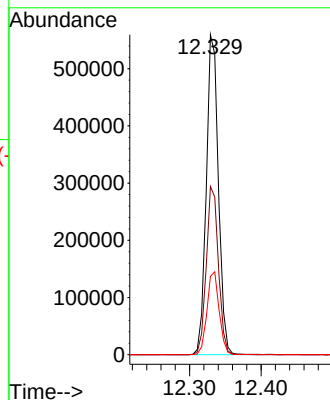
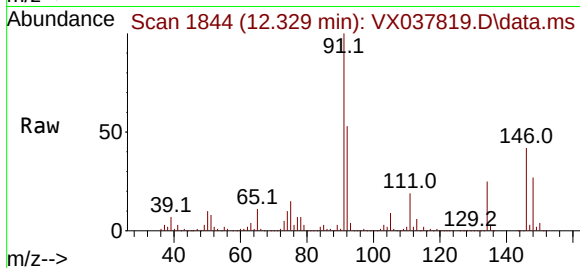
134 26.1 12.6 37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/21/2023

Supervised By :Mahesh Dadoda 09/21/2023



#90

Hexachloroethane

Concen: 46.139 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. -0.000 min

Lab File: VX037819.D

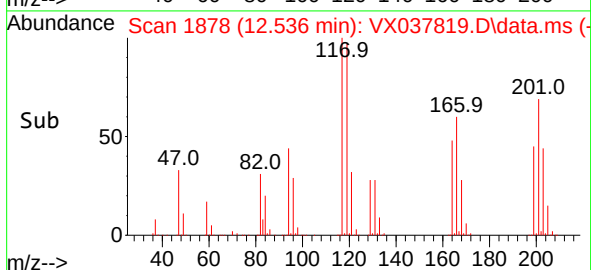
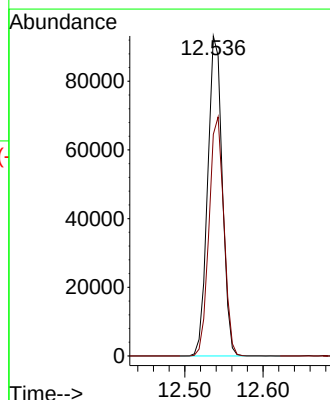
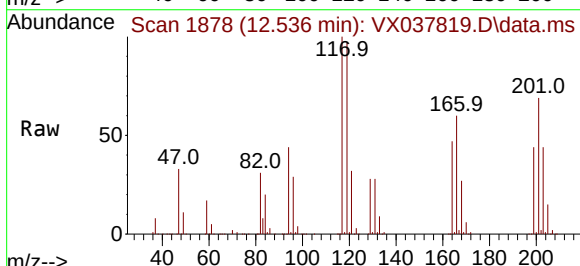
Acq: 20 Sep 2023 09:33

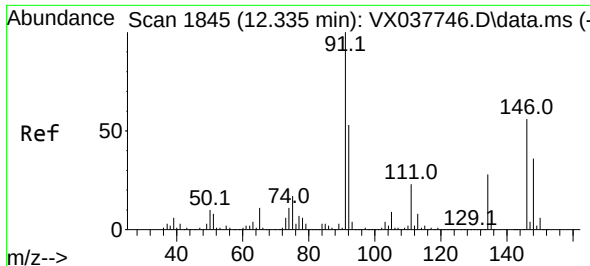
Tgt Ion:117 Resp: 120220

Ion Ratio Lower Upper

117 100

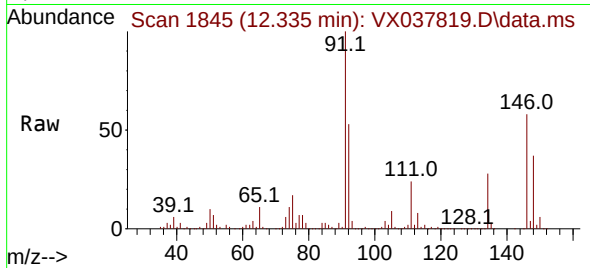
201 75.7 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 43.140 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX037819.D
Acq: 20 Sep 2023 09:33

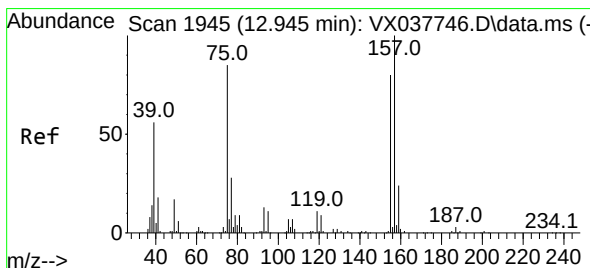
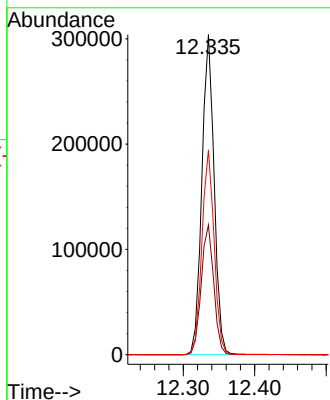
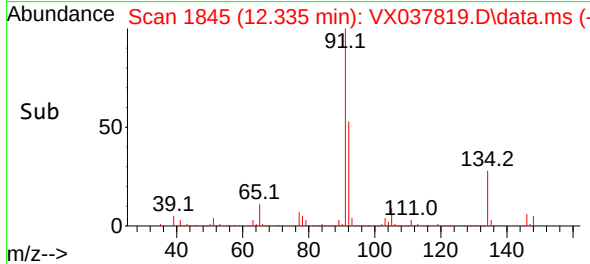
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



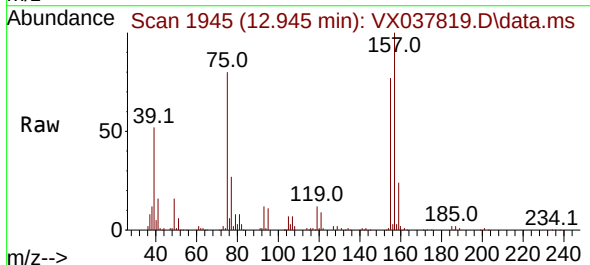
Tgt Ion:146 Resp: 36224
Ion Ratio Lower Upper
146 100
111 41.4 22.4 67.0
148 63.9 31.6 95.0

Manual Integrations
APPROVED

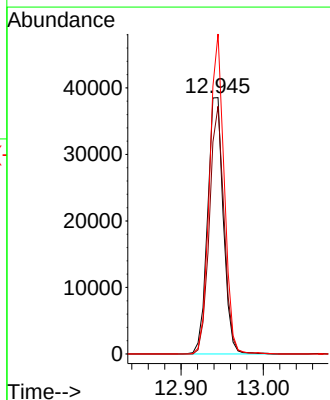
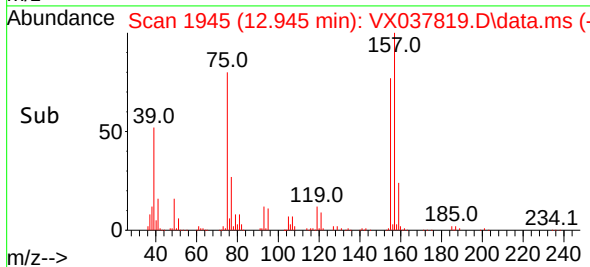
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023

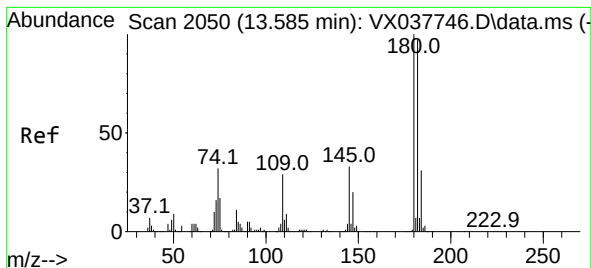


#92
1,2-Dibromo-3-Chloropropane
Concen: 40.824 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX037819.D
Acq: 20 Sep 2023 09:33



Tgt Ion: 75 Resp: 51016
Ion Ratio Lower Upper
75 100
155 90.3 36.1 108.5
157 115.7 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 49.199 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.006 min

Lab File: VX037819.D

Acq: 20 Sep 2023 09:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:180 Resp: 24334

Ion Ratio Lower Upper

180 100

182 95.0 48.3 144.8

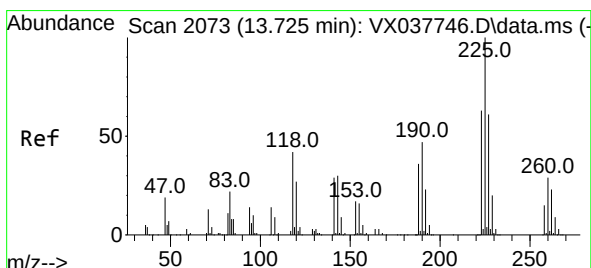
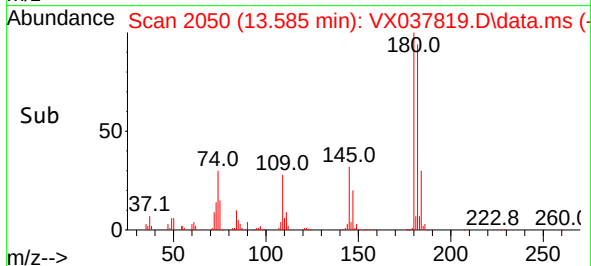
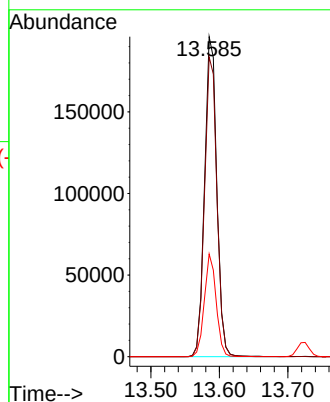
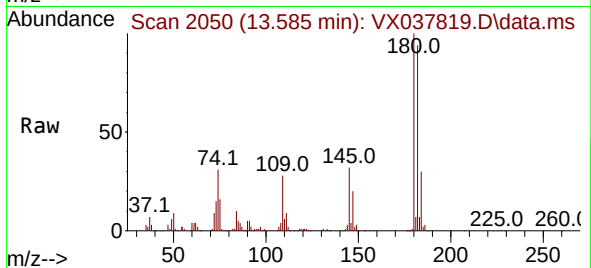
145 31.1 18.0 54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/21/2023

Supervised By :Mahesh Dadoda 09/21/2023



#94

Hexachlorobutadiene

Concen: 47.955 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX037819.D

Acq: 20 Sep 2023 09:33

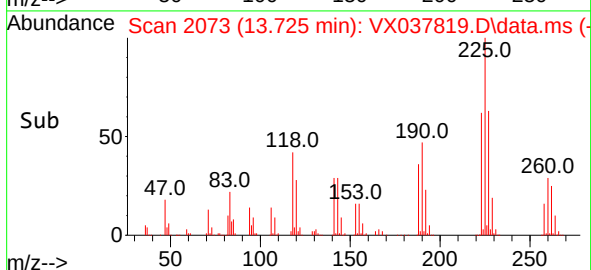
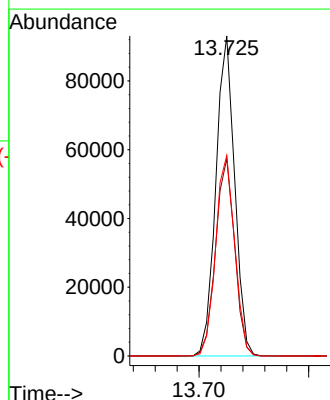
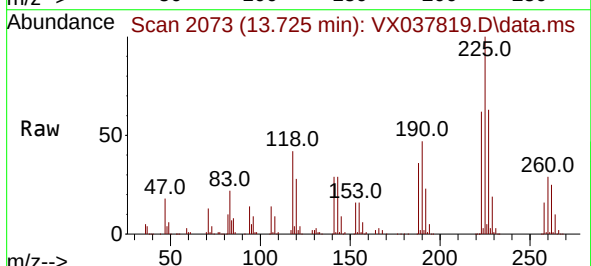
Tgt Ion:225 Resp: 110767

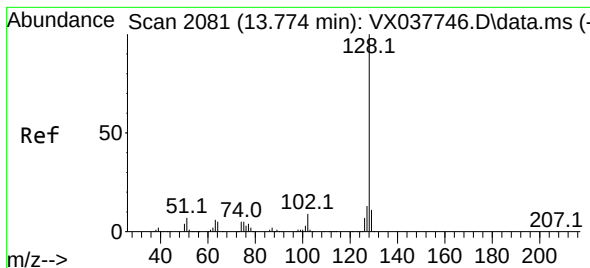
Ion Ratio Lower Upper

225 100

223 62.3 31.1 93.2

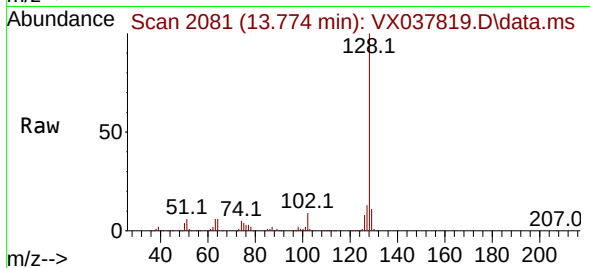
227 63.6 32.5 97.5





#95
Naphthalene
Concen: 44.363 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VX037819.D
Acq: 20 Sep 2023 09:33

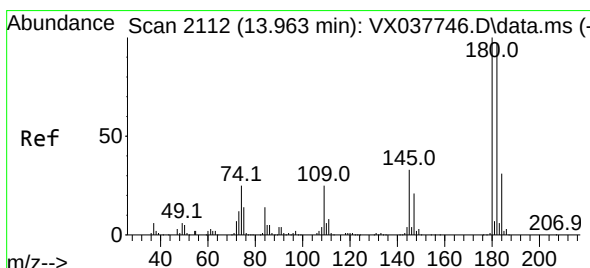
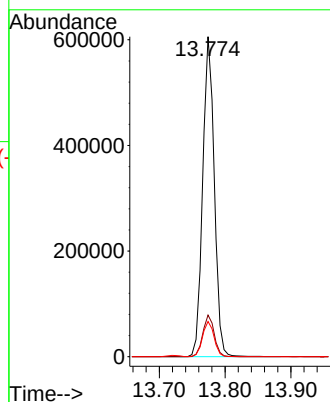
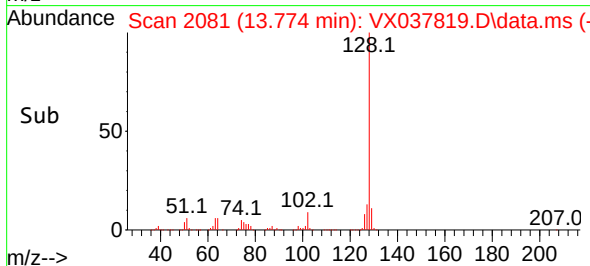
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:128 Resp: 742115
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 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023



#96
1,2,3-Trichlorobenzene
Concen: 45.936 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX037819.D
Acq: 20 Sep 2023 09:33

Tgt Ion:180 Resp: 233818
Ion Ratio Lower Upper
180 100
182 95.8 46.9 140.6
145 33.2 17.8 53.5

