

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090923\
 Data File : VX037641.D
 Acq On : 09 Sep 2023 20:40
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/11/2023
 Supervised By : Mahesh Dadoda 09/11/2023

Quant Time: Sep 11 01:30:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090823W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 09 06:38:11 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	145708	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	256418	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	238575	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	120900	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	84115	42.766	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	85.540%		
35) Dibromofluoromethane	5.385	113	76451	42.627	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	85.260%		
50) Toluene-d8	8.647	98	285243	43.363	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	86.720%#		
62) 4-Bromofluorobenzene	11.079	95	109967	44.357	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	88.720%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	73232	49.522	ug/l	98
3) Chloromethane	1.300	50	80163	48.424	ug/l	99
4) Vinyl Chloride	1.374	62	84763	49.704	ug/l	99
5) Bromomethane	1.599	94	36696	48.561	ug/l	95
6) Chloroethane	1.678	64	47628	54.807	ug/l	97
7) Trichlorofluoromethane	1.880	101	122819	52.992	ug/l	100
8) Diethyl Ether	2.136	74	52149	50.623	ug/l	73
9) 1,1,2-Trichlorotrifluo...	2.325	101	75269	48.555	ug/l	94
10) Methyl Iodide	2.447	142	103545	51.500	ug/l	91
11) Tert butyl alcohol	2.965	59	116638	265.011	ug/l #	95
12) 1,1-Dichloroethene	2.319	96	77008	49.215	ug/l #	80
13) Acrolein	2.233	56	95263	220.154	ug/l	98
14) Allyl chloride	2.660	41	109857	50.069	ug/l #	84
15) Acrylonitrile	3.062	53	240388	250.520	ug/l	97
16) Acetone	2.380	43	182179	225.233	ug/l #	82
17) Carbon Disulfide	2.508	76	183940	46.937	ug/l	98
18) Methyl Acetate	2.703	43	162181	49.421	ug/l #	84
19) Methyl tert-butyl Ether	3.117	73	280445	50.554	ug/l	98
20) Methylene Chloride	2.788	84	93727	50.197	ug/l #	82
21) trans-1,2-Dichloroethene	3.093	96	85100	48.688	ug/l	83
22) Diisopropyl ether	3.763	45	233703	50.299	ug/l #	78
23) Vinyl Acetate	3.721	43	854734	257.693	ug/l #	87
24) 1,1-Dichloroethane	3.611	63	150770	49.796	ug/l	97
25) 2-Butanone	4.556	43	293525	239.278	ug/l #	83
26) 2,2-Dichloropropane	4.477	77	82922	37.150	ug/l	90
27) cis-1,2-Dichloroethene	4.489	96	103038	49.468	ug/l	83
28) Bromochloromethane	4.897	49	67214	50.857	ug/l #	66
29) Tetrahydrofuran	5.001	42	191039	243.092	ug/l #	78
30) Chloroform	5.092	83	162332	49.969	ug/l	98
31) Cyclohexane	5.470	56	118248	49.410	ug/l	85
32) 1,1,1-Trichloroethane	5.385	97	141031	50.404	ug/l	94
36) 1,1-Dichloropropene	5.696	75	112165	47.339	ug/l	95
37) Ethyl Acetate	4.714	43	115258	47.444	ug/l #	91
38) Carbon Tetrachloride	5.678	117	121343	49.553	ug/l	99
39) Methylcyclohexane	7.379	83	138248	47.853	ug/l	90
40) Benzene	6.037	78	356306	48.874	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	60040	48.515	ug/l #	83
42) 1,2-Dichloroethane	6.086	62	116884	47.880	ug/l	90
43) Isopropyl Acetate	6.342	43	183154	50.336	ug/l #	87
44) Trichloroethene	7.123	130	96507	48.192	ug/l	95
45) 1,2-Dichloropropane	7.427	63	89365	50.054	ug/l	98
46) Dibromomethane	7.580	93	67228	50.173	ug/l	91
47) Bromodichloromethane	7.824	83	126086	51.496	ug/l	97
48) Methyl methacrylate	7.690	41	88969	51.088	ug/l #	76
49) 1,4-Dioxane	7.659	88	54398	995.555	ug/l #	85
51) 4-Methyl-2-Pentanone	8.574	43	576047	248.927	ug/l #	86
52) Toluene	8.720	92	233616	49.336	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	128993	50.738	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	142650	50.432	ug/l #	80
55) 1,1,2-Trichloroethane	9.153	97	99798	50.690	ug/l	98
56) Ethyl methacrylate	9.116	69	152811	53.271	ug/l #	78
57) 1,3-Dichloropropane	9.311	76	159800	48.703	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	365684	251.959	ug/l	90
59) 2-Hexanone	9.433	43	440757	249.724	ug/l	81
60) Dibromochloromethane	9.525	129	103771	52.937	ug/l	100
61) 1,2-Dibromoethane	9.610	107	106179	50.362	ug/l	99
64) Tetrachloroethene	9.275	164	81328	48.680	ug/l	99
65) Chlorobenzene	10.079	112	257124	49.054	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	96575	51.988	ug/l	99
67) Ethyl Benzene	10.195	91	445805	50.035	ug/l	99
68) m/p-Xylenes	10.299	106	350198	99.915	ug/l	95
69) o-Xylene	10.640	106	177898	51.046	ug/l	95
70) Styrene	10.652	104	296165	52.270	ug/l	95
71) Bromoform	10.799	173	77463	52.084	ug/l #	99
73) Isopropylbenzene	10.963	105	451426	49.709	ug/l	98
74) N-amyl acetate	10.841	43	163128	52.111	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	11.213	83	155878	49.393	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	124048m	43.829	ug/l	
77) Bromobenzene	11.195	156	112373	49.991	ug/l	89
78) n-propylbenzene	11.305	91	506423	50.144	ug/l	98
79) 2-Chlorotoluene	11.366	91	314389	48.993	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	385021	49.985	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	41638	45.417	ug/l #	81
82) 4-Chlorotoluene	11.457	91	356801	49.312	ug/l	96
83) tert-Butylbenzene	11.713	119	396853	51.103	ug/l	94
84) 1,2,4-Trimethylbenzene	11.750	105	392088	50.913	ug/l	96
85) sec-Butylbenzene	11.890	105	471668	50.382	ug/l	98
86) p-Isopropyltoluene	12.006	119	400518	50.516	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	209498	48.983	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	207683	47.733	ug/l	99
89) n-Butylbenzene	12.329	91	324668	49.838	ug/l	98
90) Hexachloroethane	12.536	117	71306	52.926	ug/l	88
91) 1,2-Dichlorobenzene	12.335	146	208411	48.919	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	33807	50.314	ug/l	72
93) 1,2,4-Trichlorobenzene	13.585	180	125033	48.522	ug/l	97
94) Hexachlorobutadiene	13.725	225	54309	47.746	ug/l	99
95) Naphthalene	13.774	128	458247	50.908	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	128072	48.117	ug/l	97

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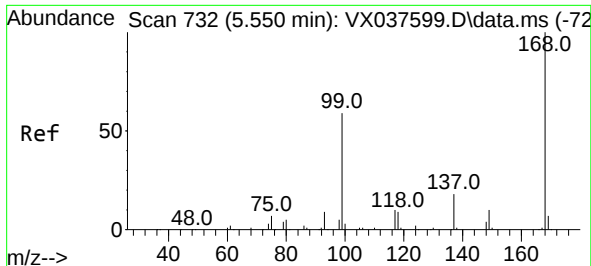
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations APPROVED

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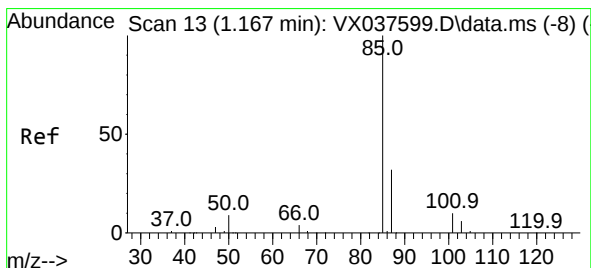
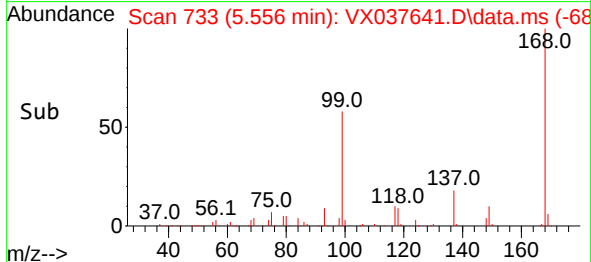
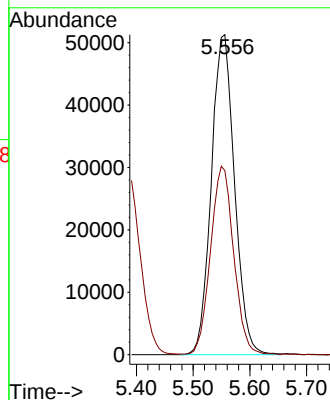
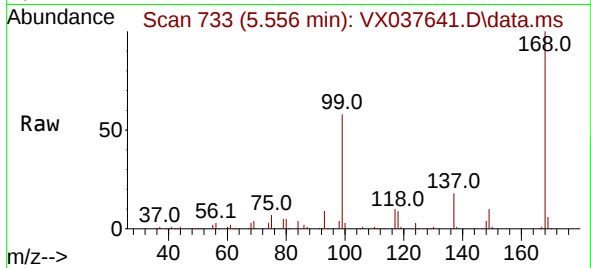
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX037641.D
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Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:168 Resp: 145708
Ion Ratio Lower Upper
168 100
99 57.5 56.6 85.0

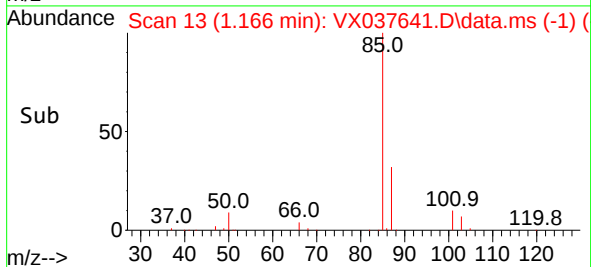
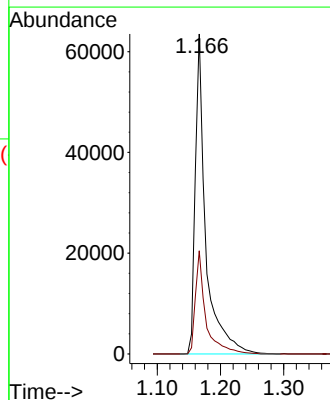
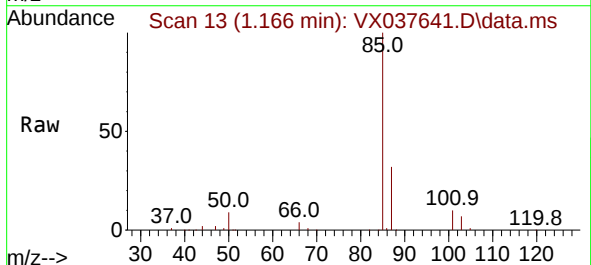
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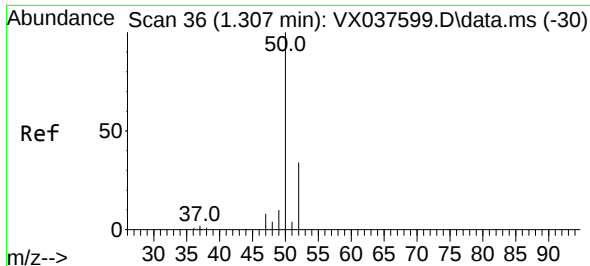
Reviewed By :John Carlone 09/11/2023
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#2
Dichlorodifluoromethane
Concen: 49.522 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX037641.D
Acq: 09 Sep 2023 20:40

Tgt Ion: 85 Resp: 73232
Ion Ratio Lower Upper
85 100
87 32.3 16.7 50.1





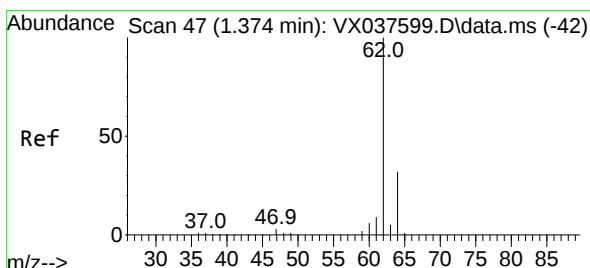
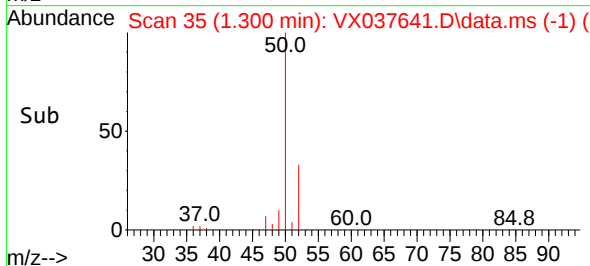
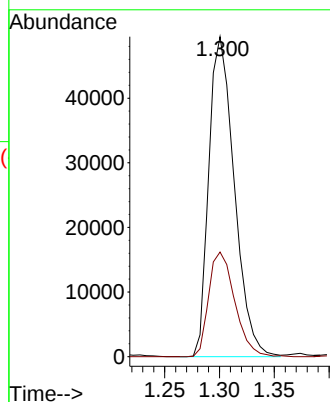
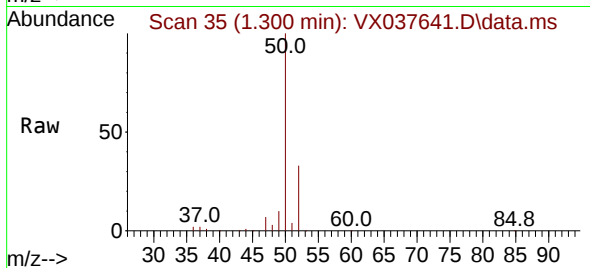
#3
Chloromethane
Concen: 48.424 ug/l
RT: 1.300 min Scan# 35
Delta R.T. -0.006 min
Lab File: VX037641.D
Acq: 09 Sep 2023 20:40

Instrument :
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Tgt Ion: 50 Resp: 8016
Ion Ratio Lower Upper
50 100
52 32.7 25.5 38.3

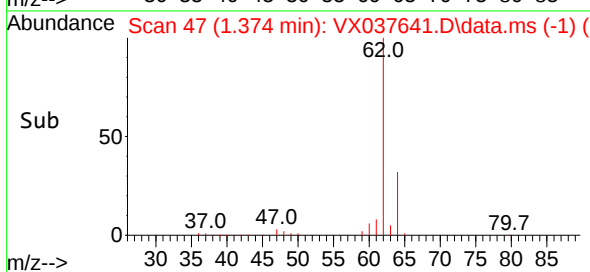
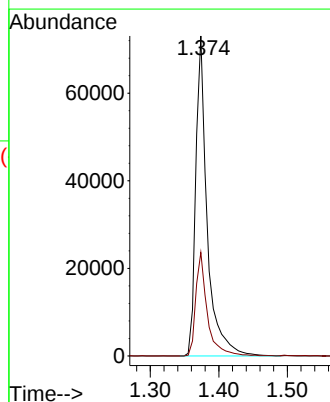
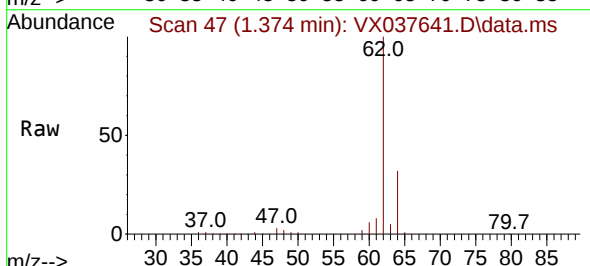
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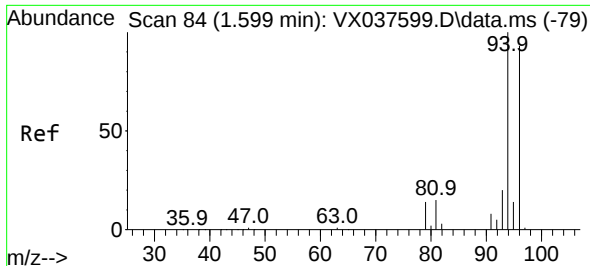
Reviewed By :John Carlone 09/11/2023
Supervised By :Mahesh Dadoda 09/11/2023



#4
Vinyl Chloride
Concen: 49.704 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX037641.D
Acq: 09 Sep 2023 20:40

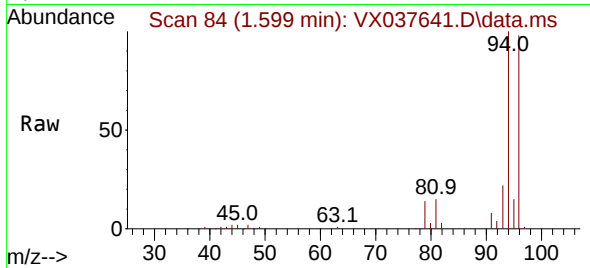
Tgt Ion: 62 Resp: 84763
Ion Ratio Lower Upper
62 100
64 32.3 25.4 38.0





#5
Bromomethane
Concen: 48.561 ug/l
RT: 1.599 min Scan# 84
Delta R.T. -0.000 min
Lab File: VX037641.D
Acq: 09 Sep 2023 20:40

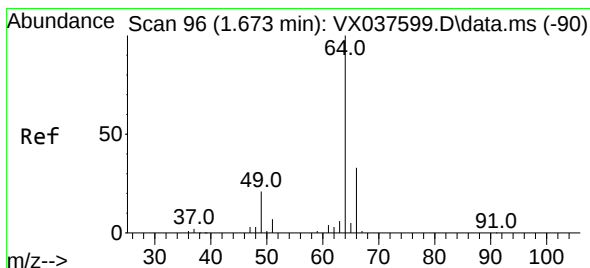
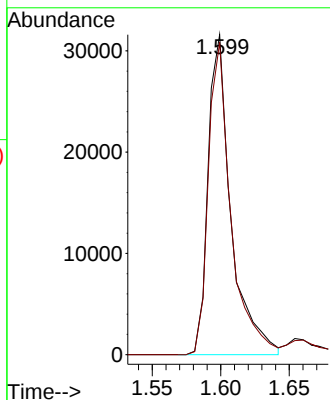
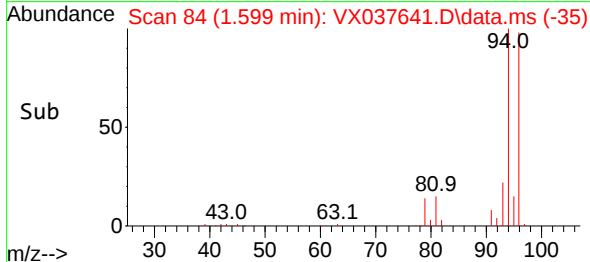
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Tgt Ion: 94 Resp: 36690
Ion Ratio Lower Upper
94 100
96 97.6 74.6 111.8

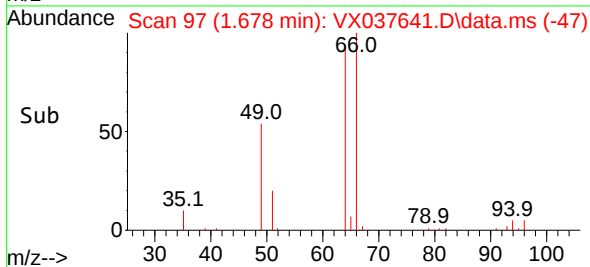
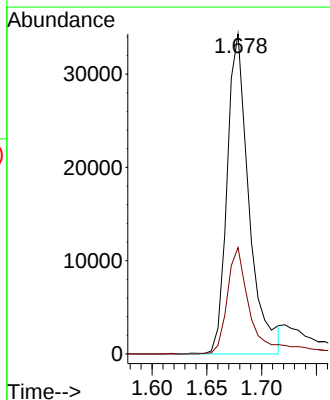
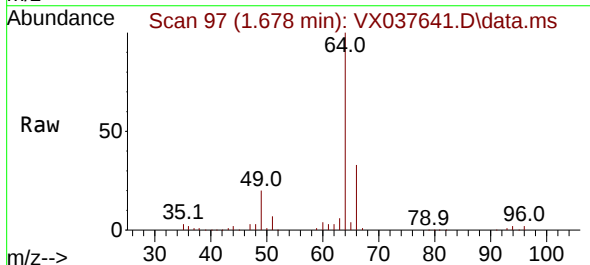
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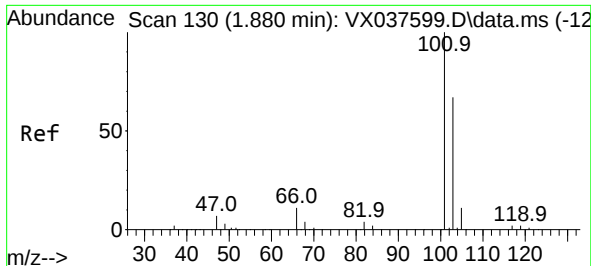
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#6
Chloroethane
Concen: 54.807 ug/l
RT: 1.678 min Scan# 97
Delta R.T. 0.005 min
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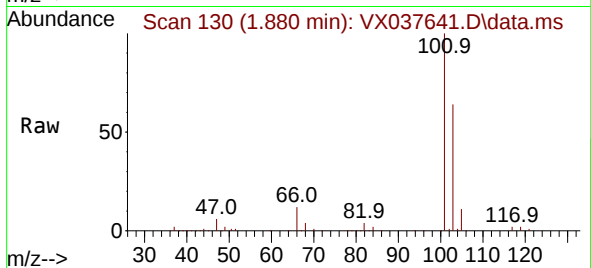
Tgt Ion: 64 Resp: 47628
Ion Ratio Lower Upper
64 100
66 33.3 25.1 37.7





#7
Trichlorofluoromethane
Concen: 52.992 ug/l
RT: 1.880 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX037641.D
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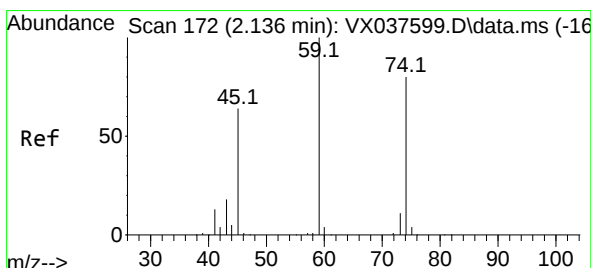
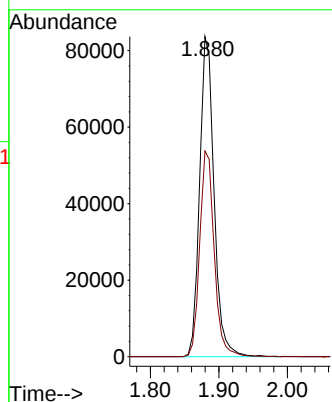
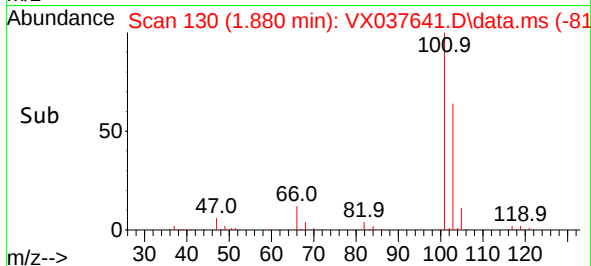
Instrument :
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Tgt Ion:101 Resp: 122819
Ion Ratio Lower Upper
101 100
103 64.3 51.4 77.2

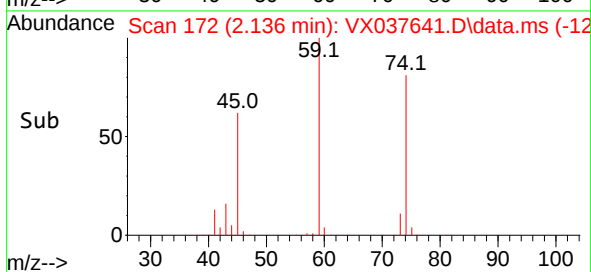
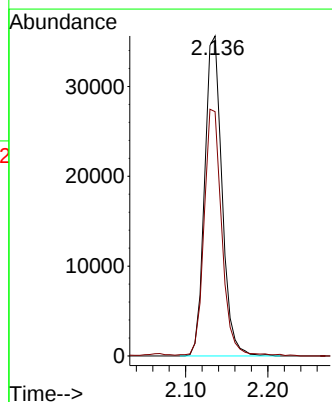
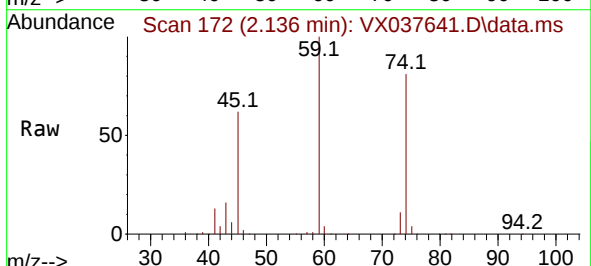
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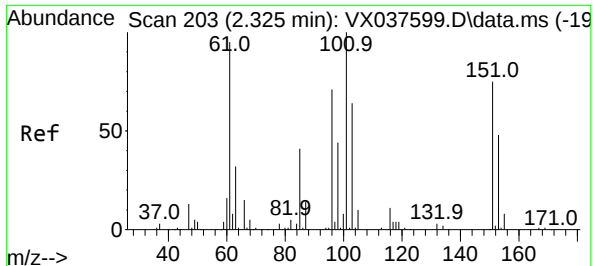
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#8
Diethyl Ether
Concen: 50.623 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
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Acq: 09 Sep 2023 20:40

Tgt Ion: 74 Resp: 52149
Ion Ratio Lower Upper
74 100
45 78.9 53.3 159.8





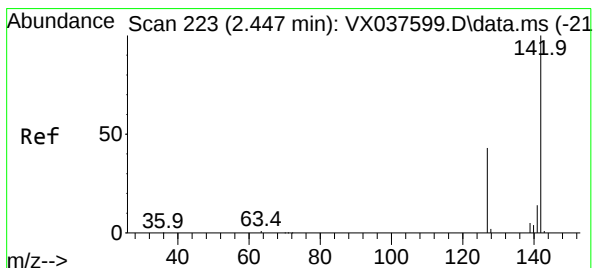
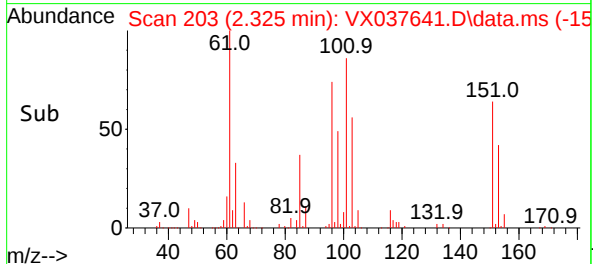
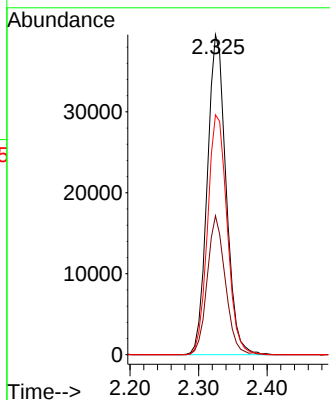
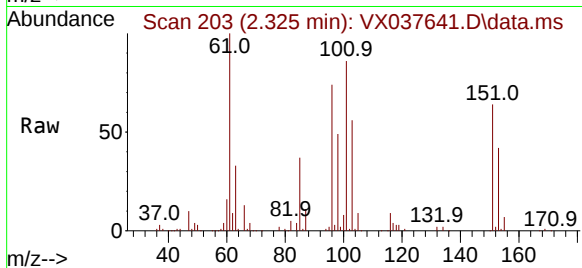
#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.555 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX037641.D
Acq: 09 Sep 2023 20:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 75269
Ion Ratio Lower Upper
101 100
85 41.8 37.0 55.6
151 77.8 58.6 87.8

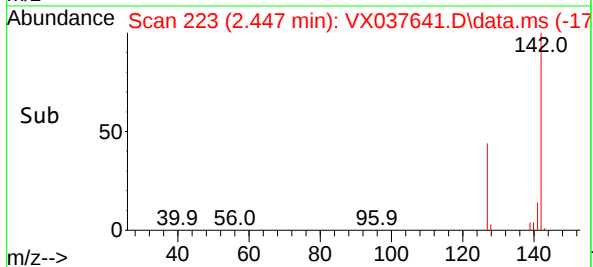
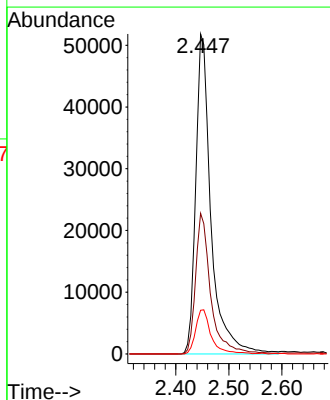
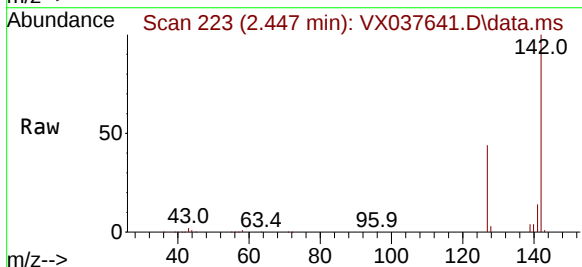
Manual Integrations
APPROVED

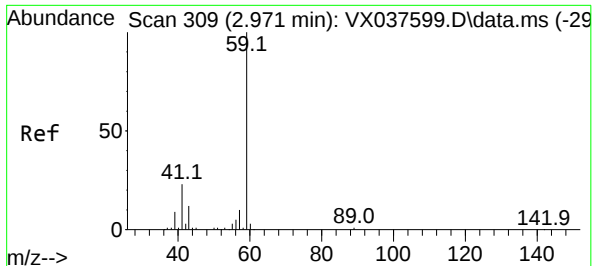
Reviewed By :John Carlone 09/11/2023
Supervised By :Mahesh Dadoda 09/11/2023



#10
Methyl Iodide
Concen: 51.500 ug/l
RT: 2.447 min Scan# 223
Delta R.T. -0.000 min
Lab File: VX037641.D
Acq: 09 Sep 2023 20:40

Tgt Ion:142 Resp: 103545
Ion Ratio Lower Upper
142 100
127 43.8 41.6 62.4
141 14.1 11.6 17.4





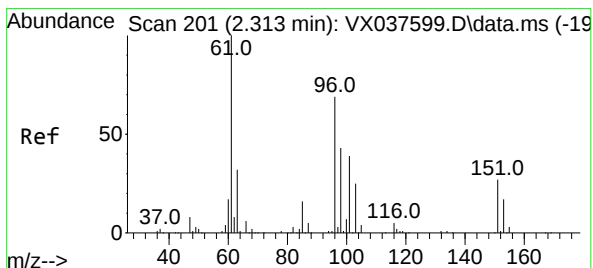
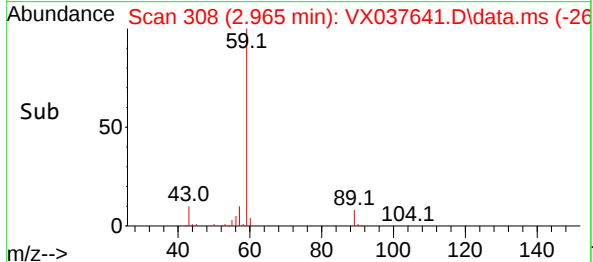
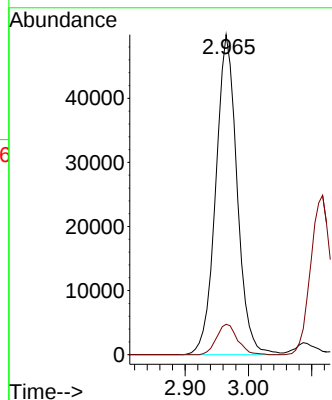
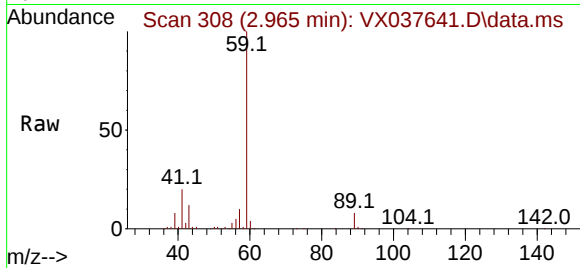
#11
Tert butyl alcohol
Concen: 265.011 ug/l
RT: 2.965 min Scan# 309
Delta R.T. -0.006 min
Lab File: VX037641.D
Acq: 09 Sep 2023 20:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 116638
Ion Ratio Lower Upper
59 100
57 9.3 6.0 9.0

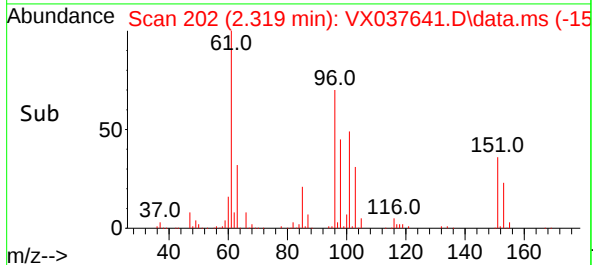
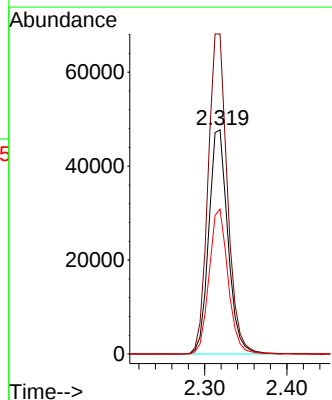
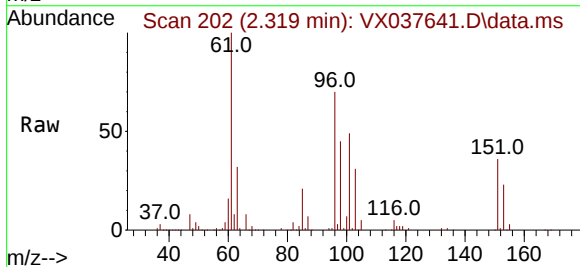
Manual Integrations
APPROVED

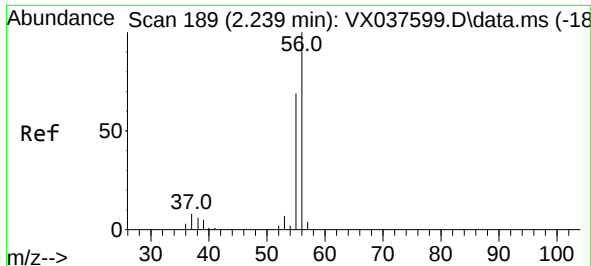
Reviewed By :John Carlone 09/11/2023
Supervised By :Mahesh Dadoda 09/11/2023



#12
1,1-Dichloroethene
Concen: 49.215 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.006 min
Lab File: VX037641.D
Acq: 09 Sep 2023 20:40

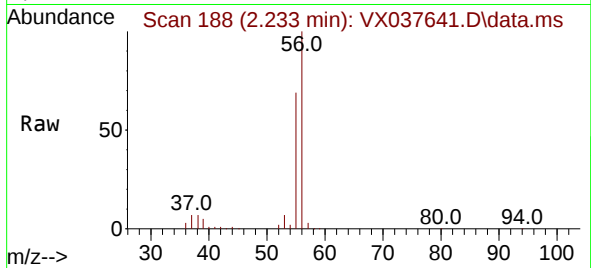
Tgt Ion: 96 Resp: 77008
Ion Ratio Lower Upper
96 100
61 142.8 144.6 216.8#
98 64.6 50.4 75.6





#13
Acrolein
Concen: 220.154 ug/l
RT: 2.233 min Scan# 189
Delta R.T. -0.006 min
Lab File: VX037641.D
Acq: 09 Sep 2023 20:40

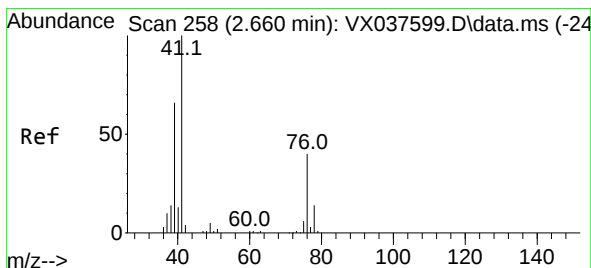
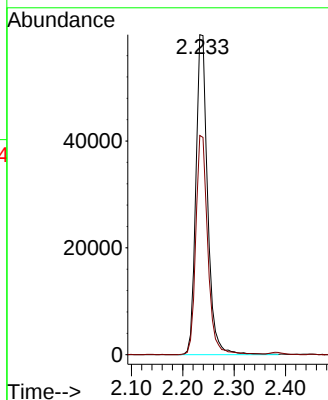
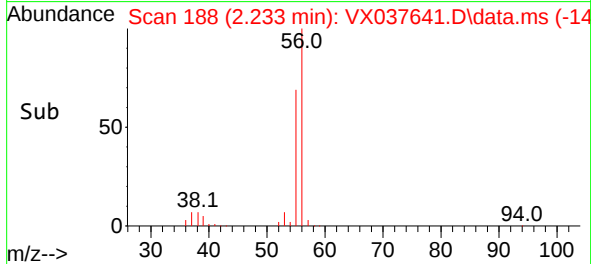
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 95263
Ion Ratio Lower Upper
56 100
55 69.9 57.1 85.7

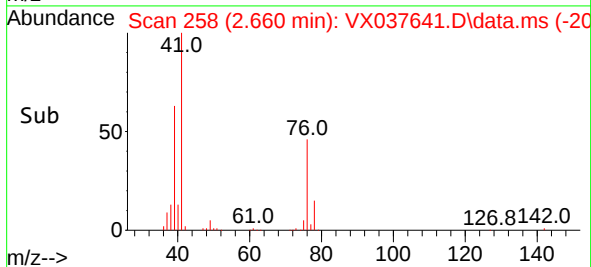
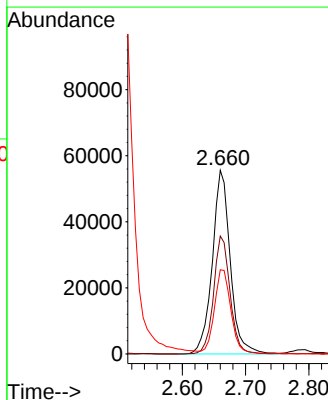
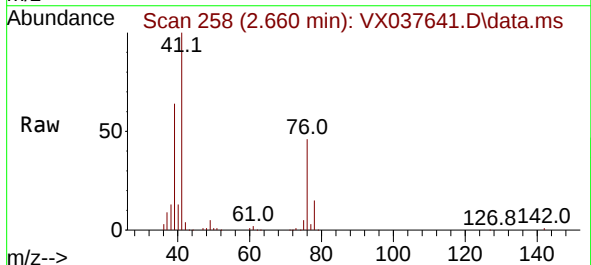
Manual Integrations
APPROVED

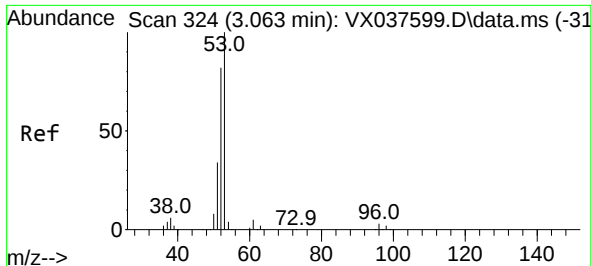
Reviewed By :John Carlone 09/11/2023
Supervised By :Mahesh Dadoda 09/11/2023



#14
Allyl chloride
Concen: 50.069 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.000 min
Lab File: VX037641.D
Acq: 09 Sep 2023 20:40

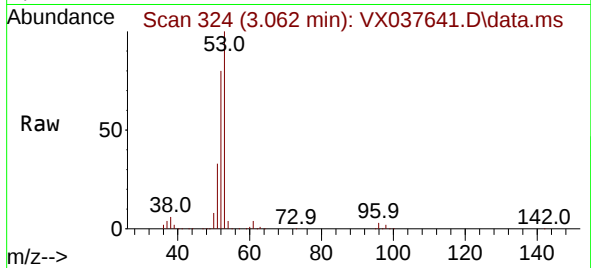
Tgt Ion: 41 Resp: 109857
Ion Ratio Lower Upper
41 100
39 58.7 55.8 83.6
76 42.0 24.3 36.5





#15
Acrylonitrile
Concen: 250.520 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX037641.D
Acq: 09 Sep 2023 20:40

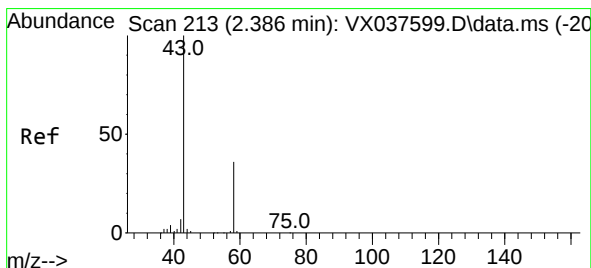
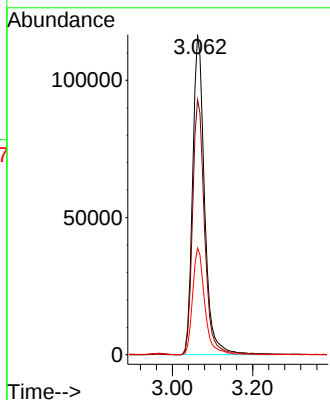
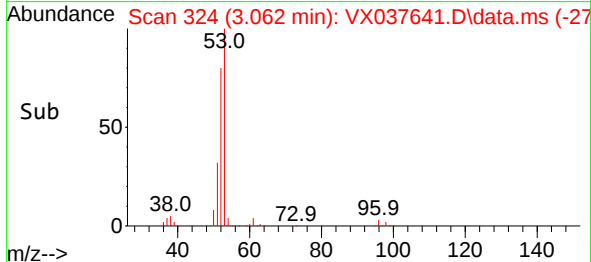
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 240388
Ion Ratio Lower Upper
53 100
52 80.8 66.0 99.0
51 34.2 29.8 44.6

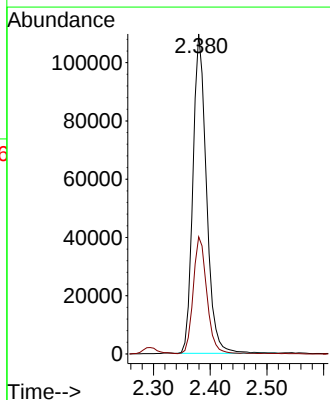
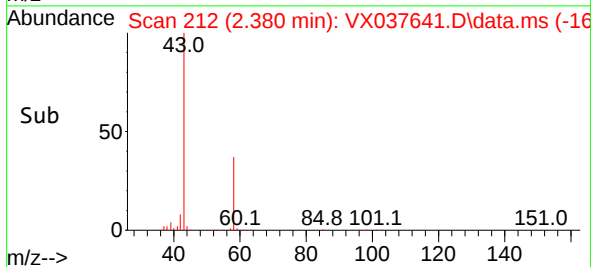
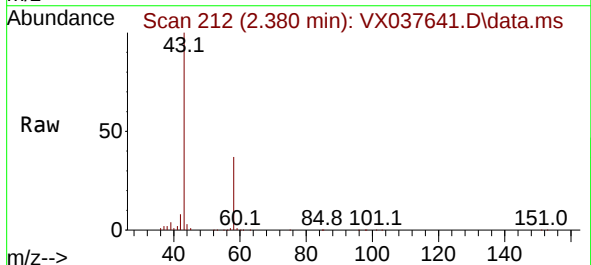
Manual Integrations
APPROVED

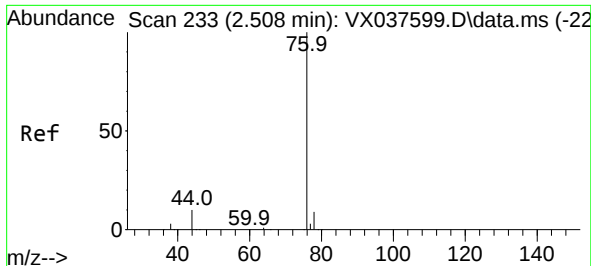
Reviewed By :John Carlone 09/11/2023
Supervised By :Mahesh Dadoda 09/11/2023



#16
Acetone
Concen: 225.233 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX037641.D
Acq: 09 Sep 2023 20:40

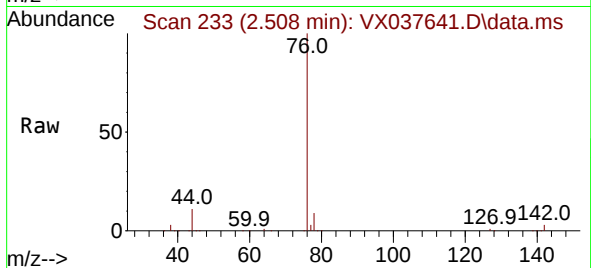
Tgt Ion: 43 Resp: 182179
Ion Ratio Lower Upper
43 100
58 36.6 21.9 32.9#





#17
Carbon Disulfide
Concen: 46.937 ug/l
RT: 2.508 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX037641.D
Acq: 09 Sep 2023 20:40

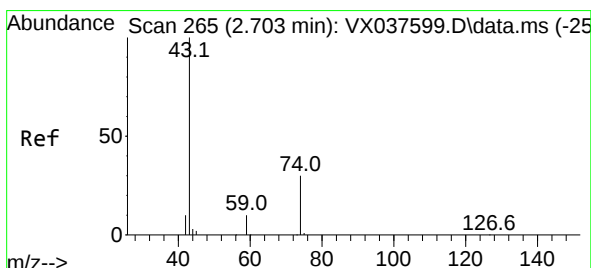
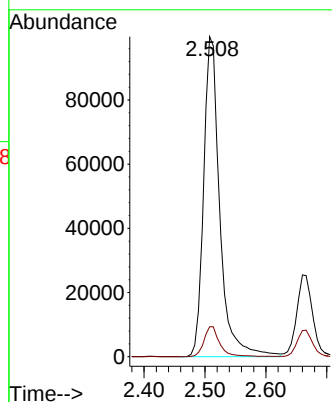
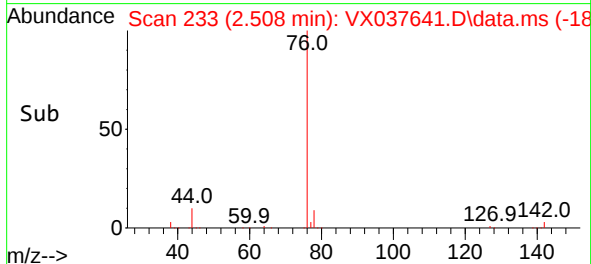
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



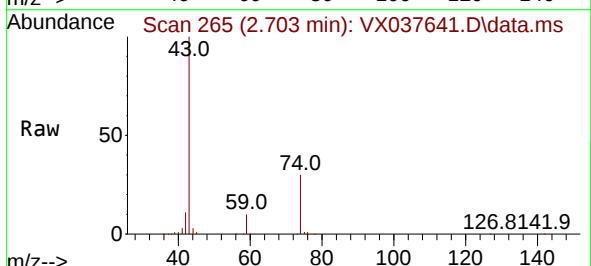
Tgt Ion: 76 Resp: 183940
Ion Ratio Lower Upper
76 100
78 9.3 7.0 10.6

Manual Integrations
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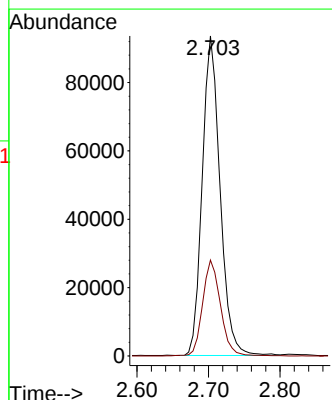
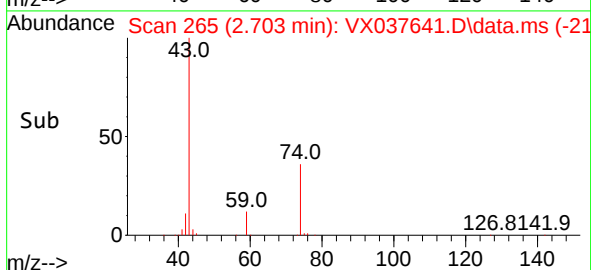
Reviewed By :John Carlone 09/11/2023
Supervised By :Mahesh Dadoda 09/11/2023

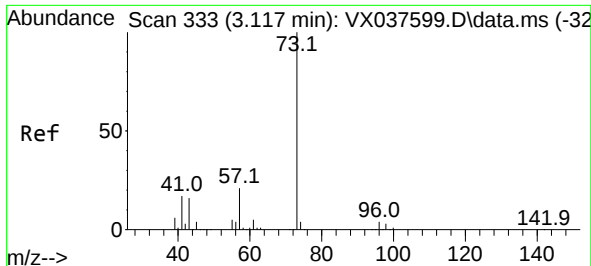


#18
Methyl Acetate
Concen: 49.421 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX037641.D
Acq: 09 Sep 2023 20:40



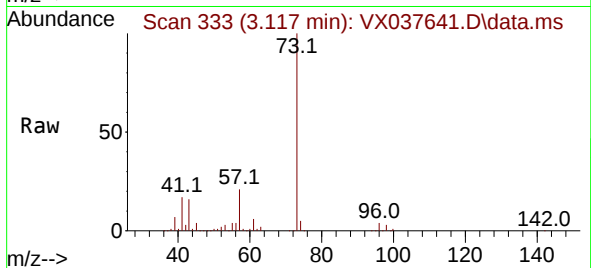
Tgt Ion: 43 Resp: 162181
Ion Ratio Lower Upper
43 100
74 30.1 17.8 26.8#





#19
Methyl tert-butyl Ether
Concen: 50.554 ug/l
RT: 3.117 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX037641.D
Acq: 09 Sep 2023 20:40

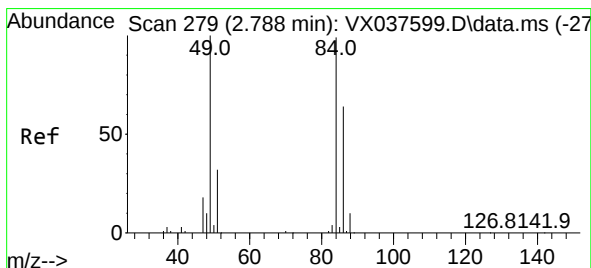
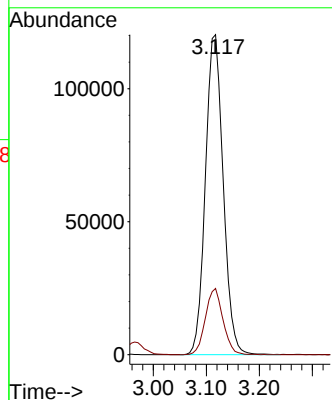
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 280445
Ion Ratio Lower Upper
73 100
57 20.7 17.3 25.9

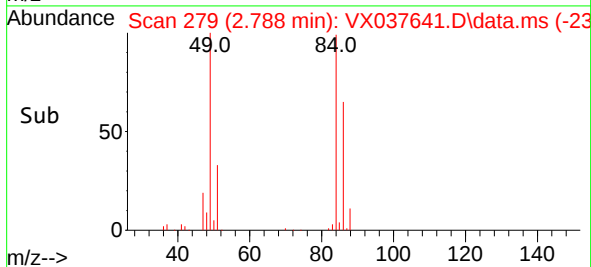
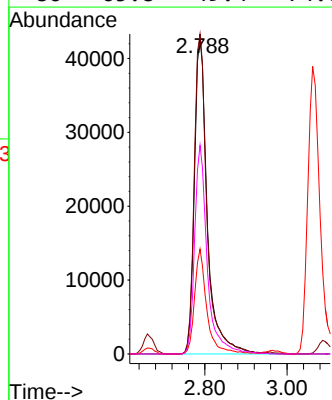
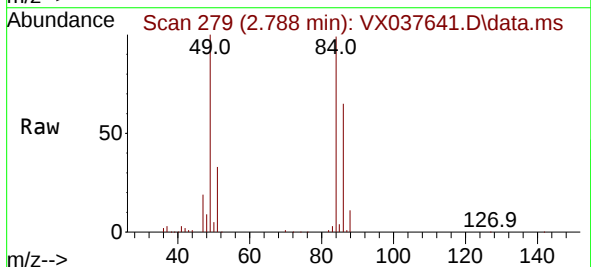
Manual Integrations
APPROVED

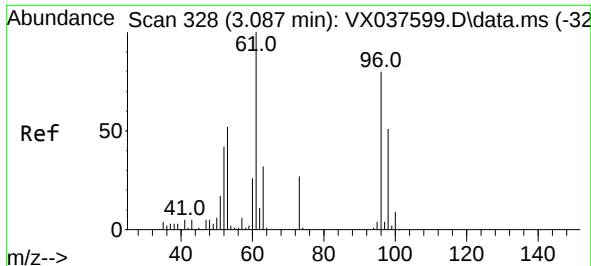
Reviewed By :John Carlone 09/11/2023
Supervised By :Mahesh Dadoda 09/11/2023



#20
Methylene Chloride
Concen: 50.197 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX037641.D
Acq: 09 Sep 2023 20:40

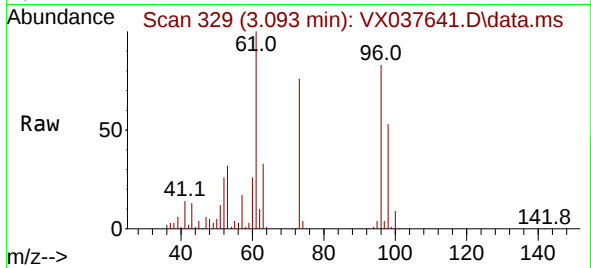
Tgt Ion: 84 Resp: 93727
Ion Ratio Lower Upper
84 100
49 101.0 103.6 155.4#
51 33.1 33.8 50.6#
86 65.8 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 48.688 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX037641.D
Acq: 09 Sep 2023 20:40

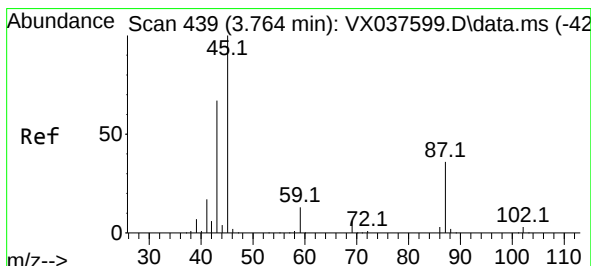
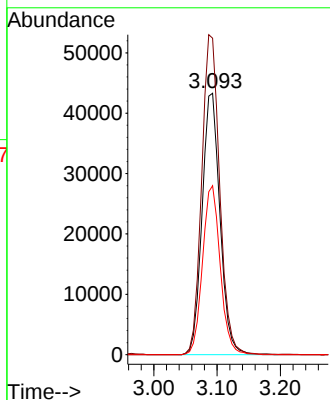
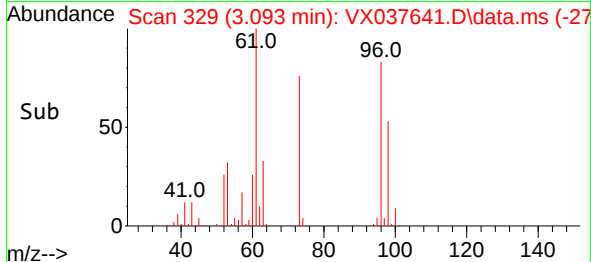
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



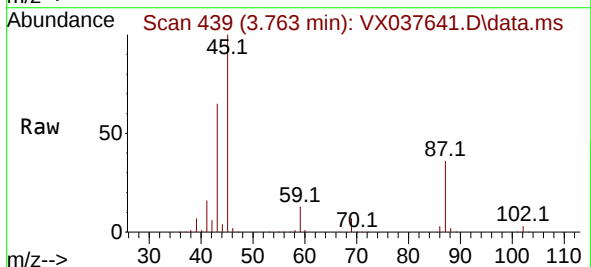
Tgt Ion: 96 Resp: 85100
Ion Ratio Lower Upper
96 100
61 121.1 119.2 178.8
98 64.6 48.7 73.1

Manual Integrations
APPROVED

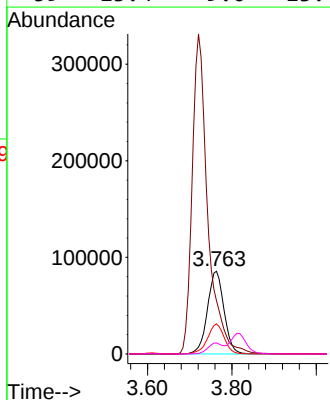
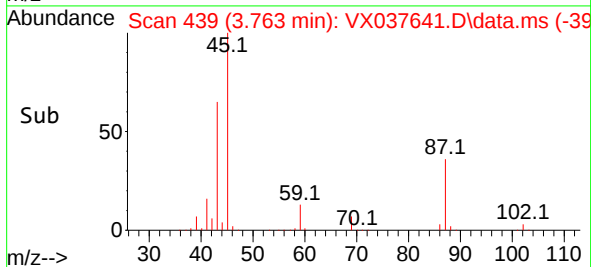
Reviewed By :John Carlone 09/11/2023
Supervised By :Mahesh Dadoda 09/11/2023

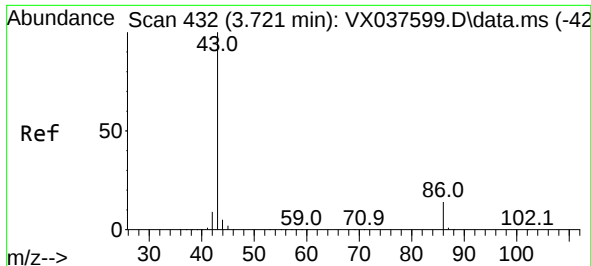


#22
Diisopropyl ether
Concen: 50.299 ug/l
RT: 3.763 min Scan# 439
Delta R.T. -0.000 min
Lab File: VX037641.D
Acq: 09 Sep 2023 20:40



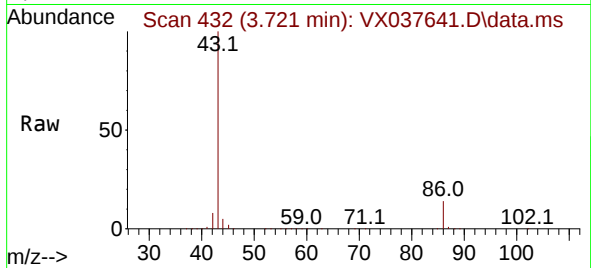
Tgt Ion: 45 Resp: 233703
Ion Ratio Lower Upper
45 100
43 64.4 69.7 104.5#
87 36.4 20.8 31.2#
59 13.4 9.0 13.4





#23
 Vinyl Acetate
 Concen: 257.693 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX037641.D
 Acq: 09 Sep 2023 20:40

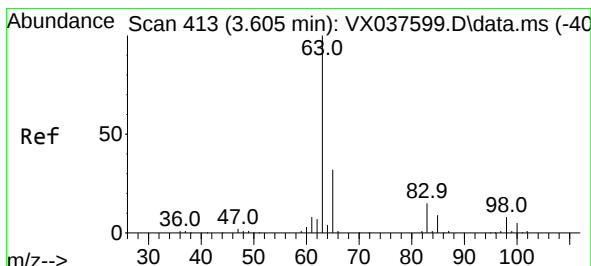
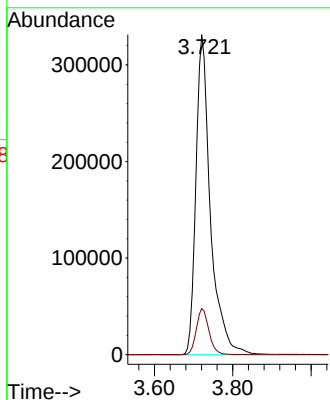
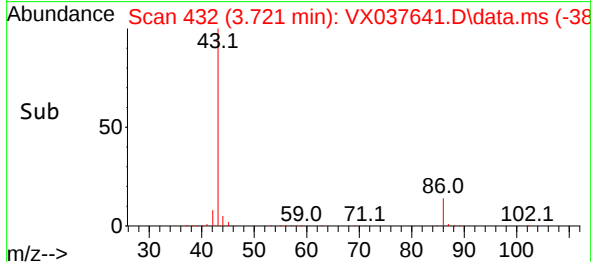
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



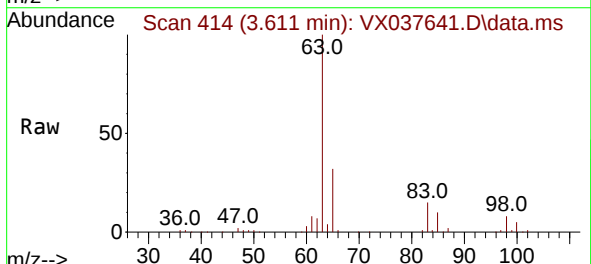
Tgt Ion: 43 Resp: 854734
 Ion Ratio Lower Upper
 43 100
 86 14.4 7.8 11.8

Manual Integrations
 APPROVED

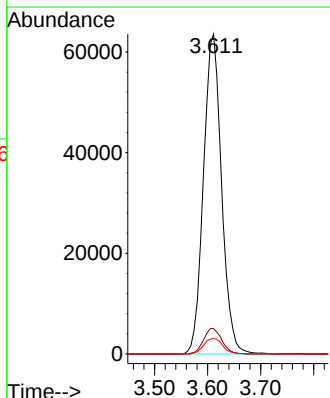
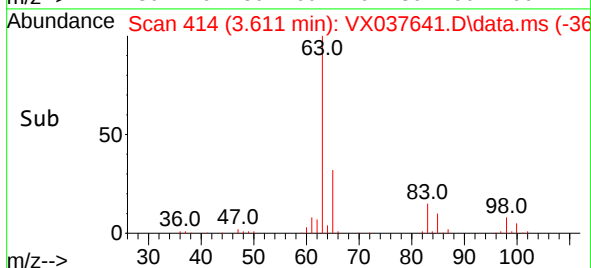
Reviewed By :John Carlone 09/11/2023
 Supervised By :Mahesh Dadoda 09/11/2023

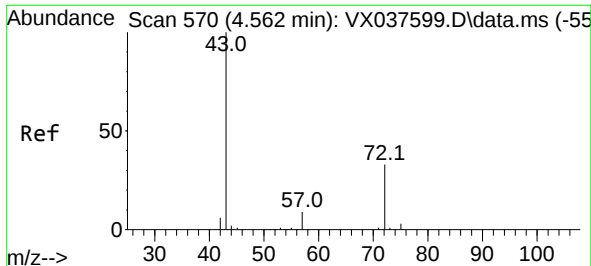


#24
 1,1-Dichloroethane
 Concen: 49.796 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.006 min
 Lab File: VX037641.D
 Acq: 09 Sep 2023 20:40



Tgt Ion: 63 Resp: 150770
 Ion Ratio Lower Upper
 63 100
 98 8.0 3.3 9.8
 100 4.8 2.1 6.5





#25

2-Butanone

Concen: 239.278 ug/l

RT: 4.556 min Scan# 5

Delta R.T. -0.006 min

Lab File: VX037641.D

Acq: 09 Sep 2023 20:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 29352

Ion Ratio Lower Upper

43 100

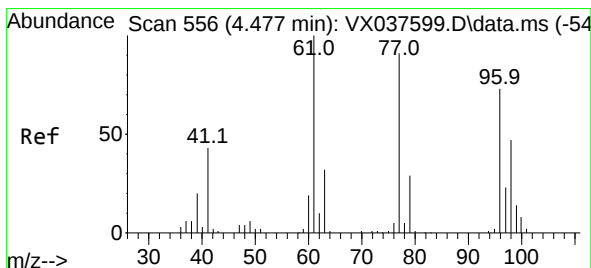
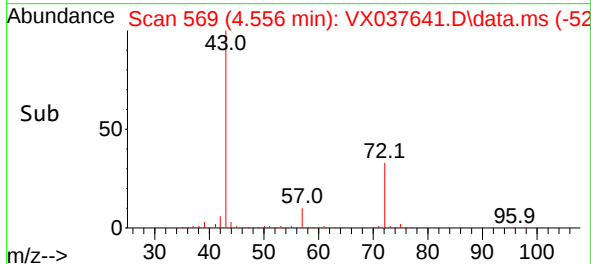
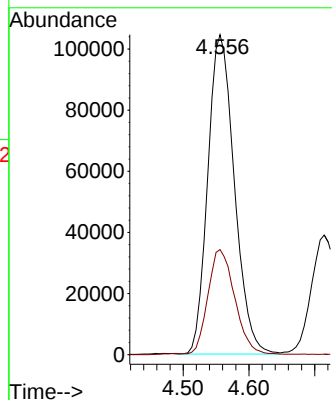
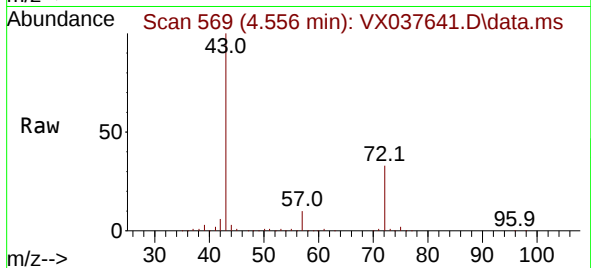
72 32.7 19.4 29.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/11/2023

Supervised By :Mahesh Dadoda 09/11/2023



#26

2,2-Dichloropropane

Concen: 37.150 ug/l

RT: 4.477 min Scan# 556

Delta R.T. -0.000 min

Lab File: VX037641.D

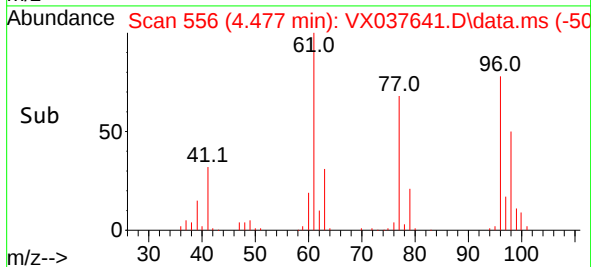
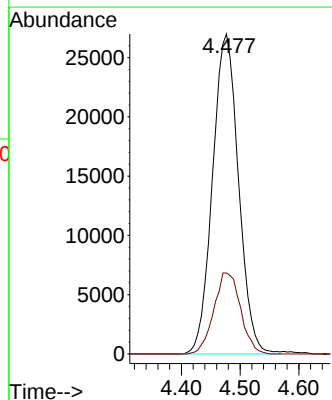
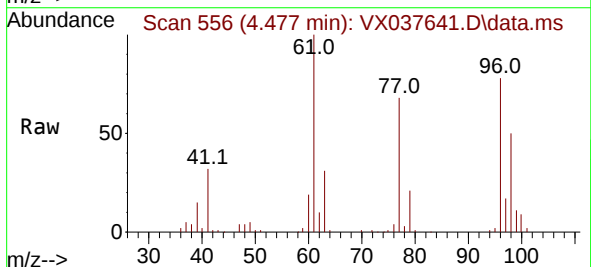
Acq: 09 Sep 2023 20:40

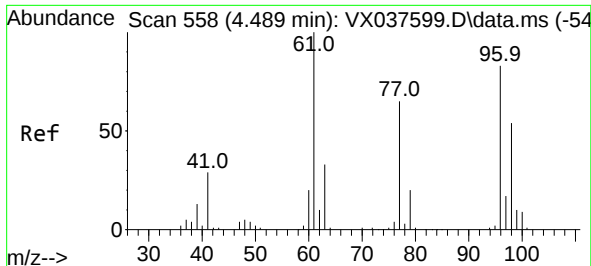
Tgt Ion: 77 Resp: 82922

Ion Ratio Lower Upper

77 100

97 26.0 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 49.468 ug/l

RT: 4.489 min Scan# 51

Delta R.T. -0.000 min

Lab File: VX037641.D

Acq: 09 Sep 2023 20:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 103038

Ion Ratio Lower Upper

96 100

61 124.5 0.0 312.2

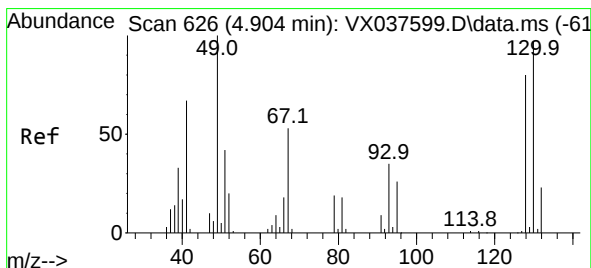
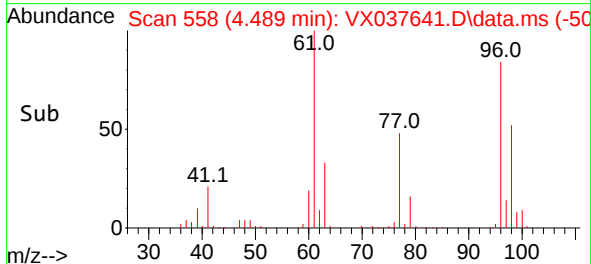
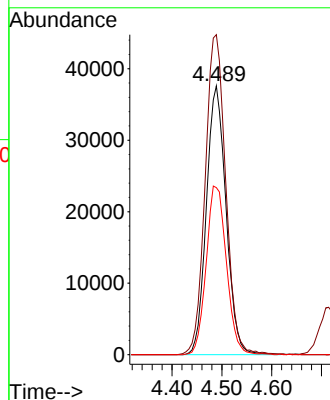
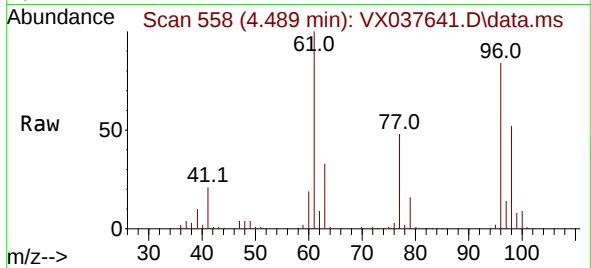
98 64.7 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/11/2023

Supervised By :Mahesh Dadoda 09/11/2023



#28

Bromochloromethane

Concen: 50.857 ug/l

RT: 4.897 min Scan# 625

Delta R.T. -0.006 min

Lab File: VX037641.D

Acq: 09 Sep 2023 20:40

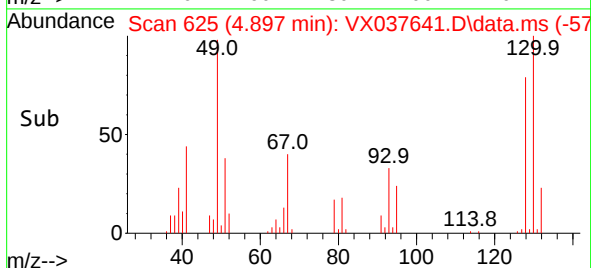
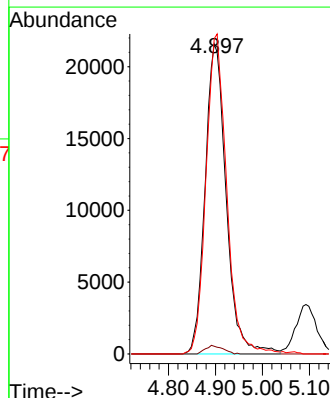
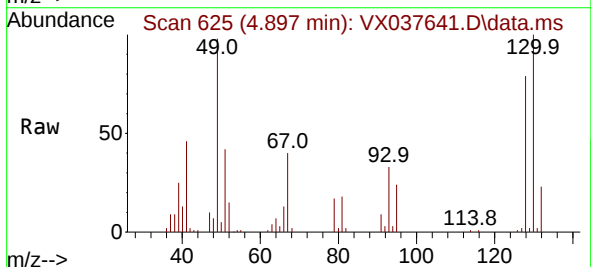
Tgt Ion: 49 Resp: 67214

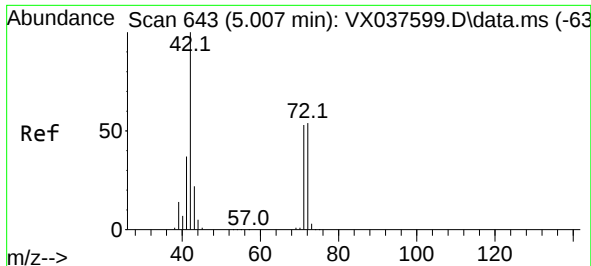
Ion Ratio Lower Upper

49 100

129 2.3 0.0 3.8

130 100.9 57.5 86.3





#29

Tetrahydrofuran

Concen: 243.092 ug/l

RT: 5.001 min Scan# 643

Delta R.T. -0.006 min

Lab File: VX037641.D

Acq: 09 Sep 2023 20:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 191039

Ion Ratio Lower Upper

42 100

72 57.9 34.2 51.4

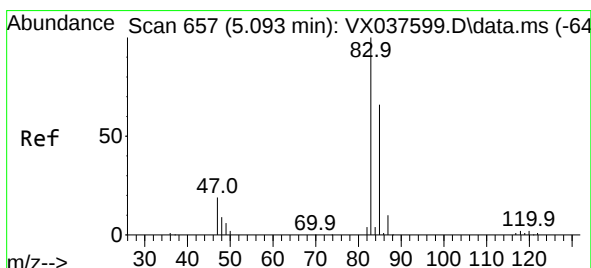
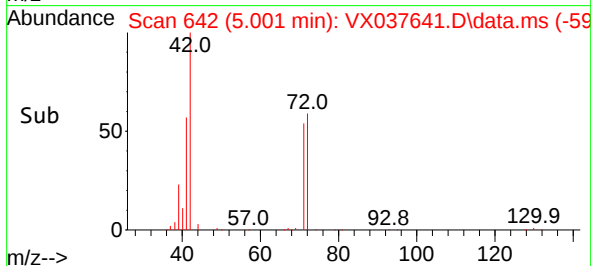
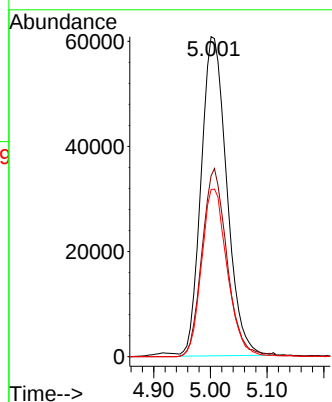
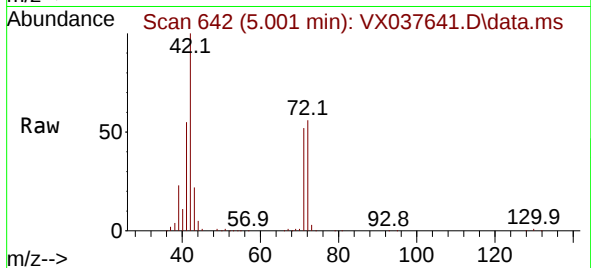
71 52.7 32.2 48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/11/2023

Supervised By :Mahesh Dadoda 09/11/2023



#30

Chloroform

Concen: 49.969 ug/l

RT: 5.092 min Scan# 657

Delta R.T. -0.000 min

Lab File: VX037641.D

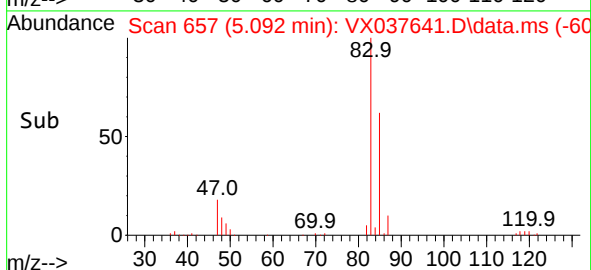
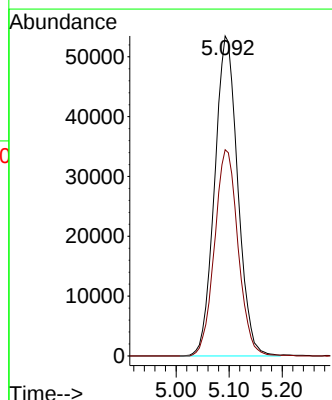
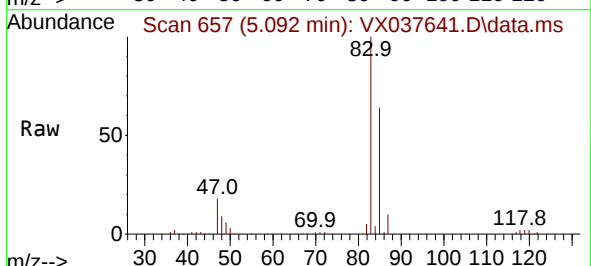
Acq: 09 Sep 2023 20:40

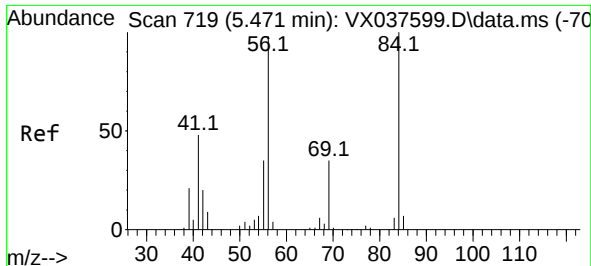
Tgt Ion: 83 Resp: 162332

Ion Ratio Lower Upper

83 100

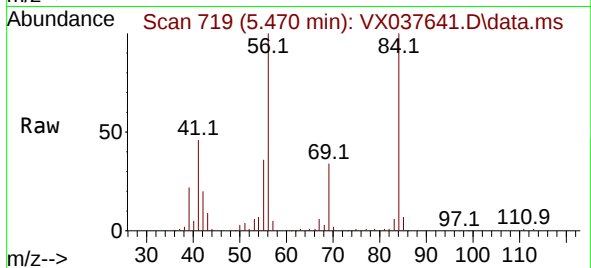
85 64.4 50.3 75.5





#31
Cyclohexane
Concen: 49.410 ug/l
RT: 5.470 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX037641.D
Acq: 09 Sep 2023 20:40

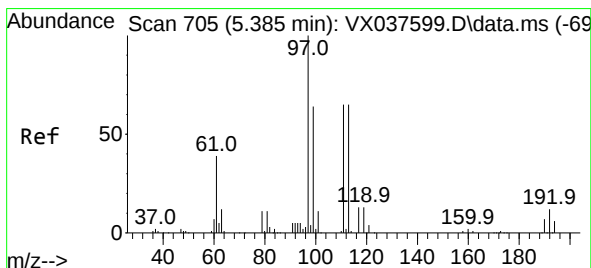
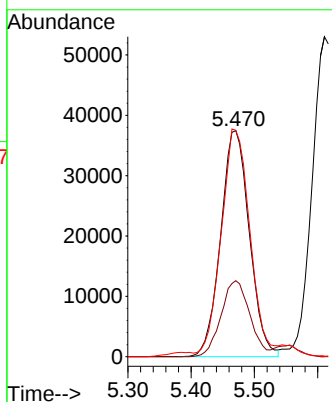
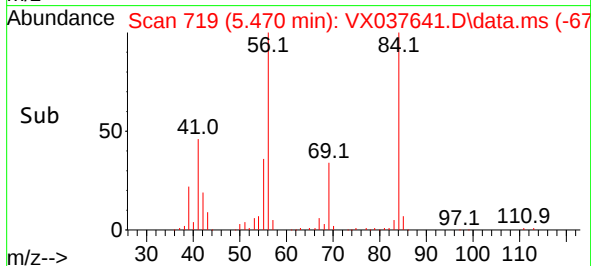
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



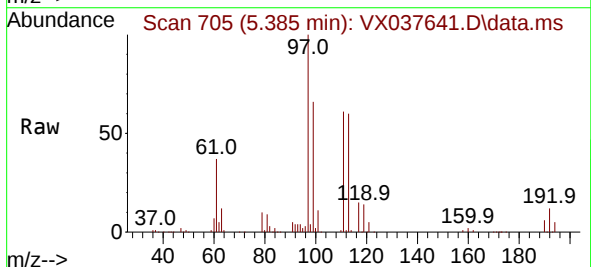
Tgt Ion: 56 Resp: 118248
Ion Ratio Lower Upper
56 100
69 33.6 23.4 35.2
84 98.3 65.9 98.9

Manual Integrations
APPROVED

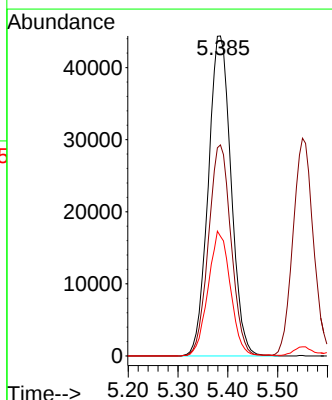
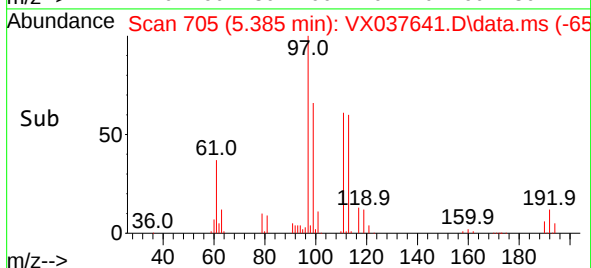
Reviewed By :John Carlone 09/11/2023
Supervised By :Mahesh Dadoda 09/11/2023

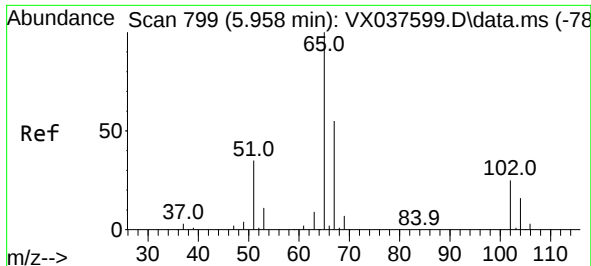


#32
1,1,1-Trichloroethane
Concen: 50.404 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX037641.D
Acq: 09 Sep 2023 20:40



Tgt Ion: 97 Resp: 141031
Ion Ratio Lower Upper
97 100
99 65.4 51.1 76.7
61 38.0 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 42.766 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX037641.D

Acq: 09 Sep 2023 20:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 8411

Ion Ratio Lower Upper

65 100

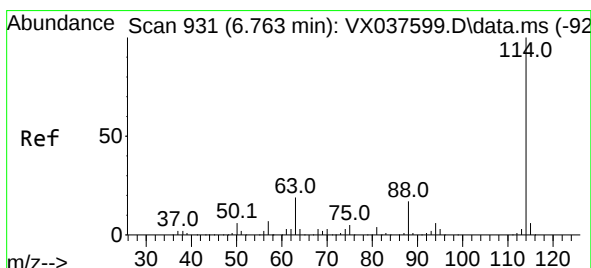
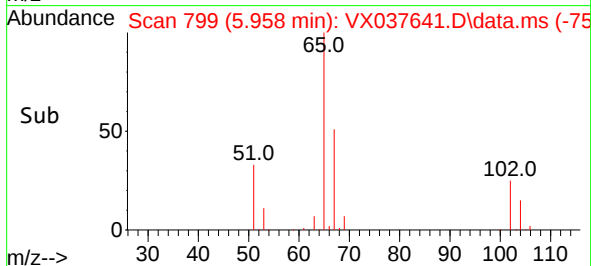
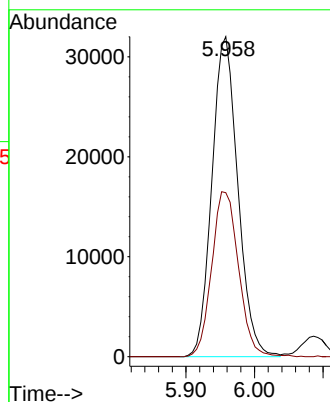
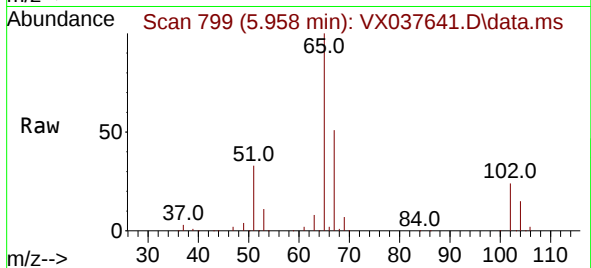
67 53.3 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/11/2023

Supervised By :Mahesh Dadoda 09/11/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX037641.D

Acq: 09 Sep 2023 20:40

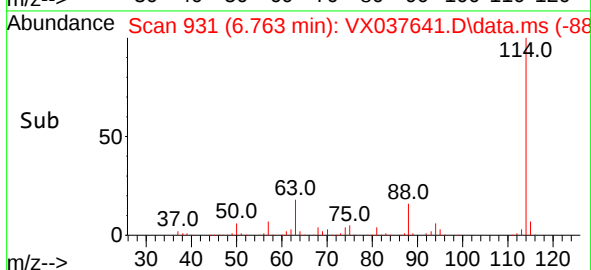
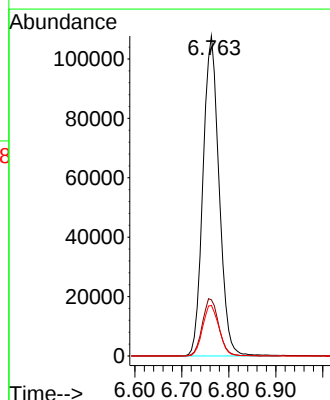
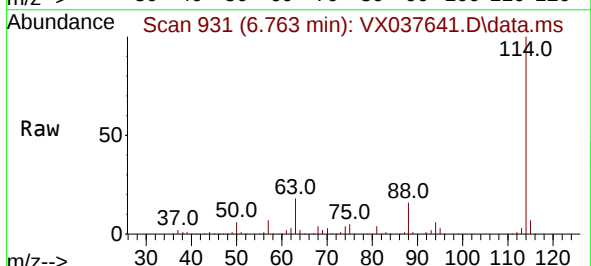
Tgt Ion:114 Resp: 256418

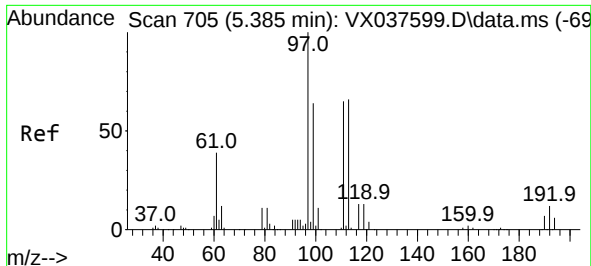
Ion Ratio Lower Upper

114 100

63 17.6 0.0 45.0

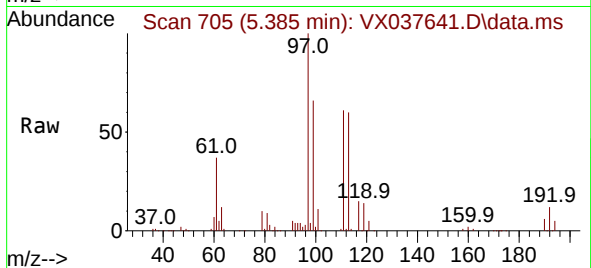
88 15.8 0.0 36.6





#35
Dibromofluoromethane
Concen: 42.627 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX037641.D
Acq: 09 Sep 2023 20:40

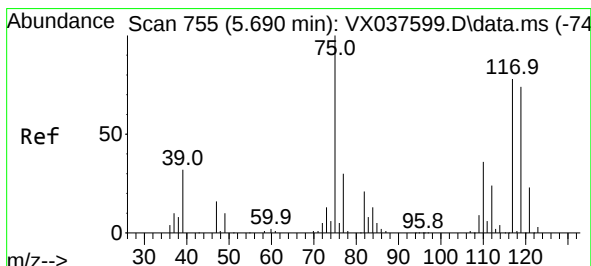
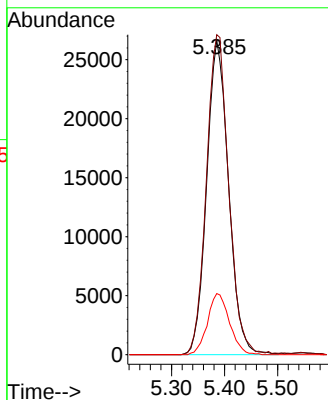
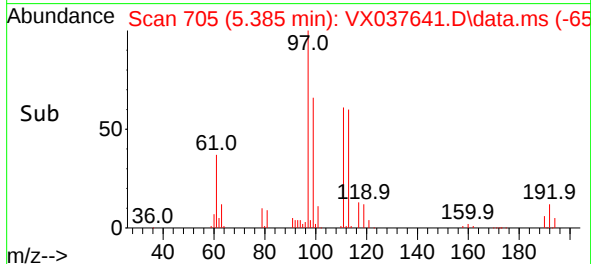
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



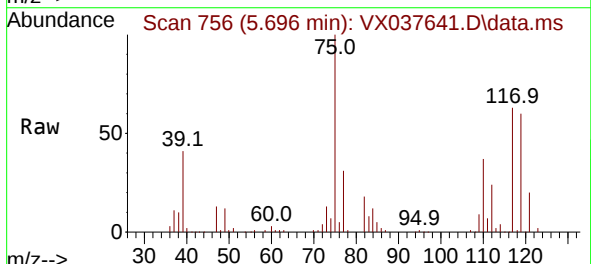
Tgt Ion: 113 Resp: 7645
Ion Ratio Lower Upper
113 100
111 103.4 82.9 124.3
192 19.5 13.3 19.9

Manual Integrations
APPROVED

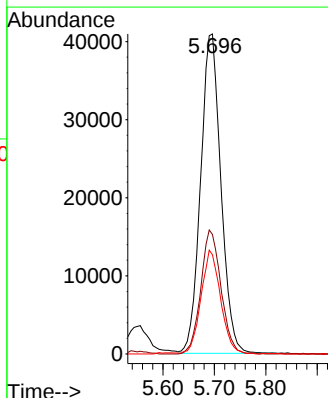
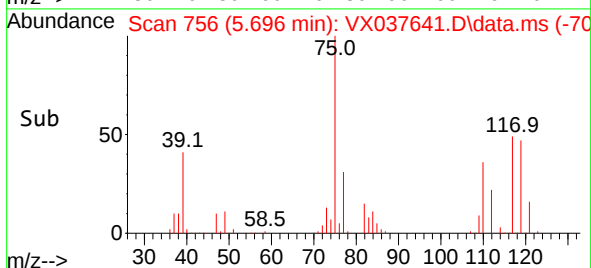
Reviewed By :John Carlone 09/11/2023
Supervised By :Mahesh Dadoda 09/11/2023

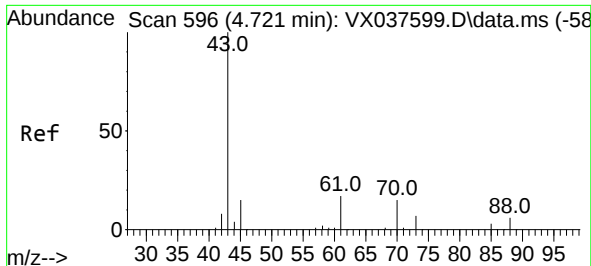


#36
1,1-Dichloropropene
Concen: 47.339 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.006 min
Lab File: VX037641.D
Acq: 09 Sep 2023 20:40



Tgt Ion: 75 Resp: 112165
Ion Ratio Lower Upper
75 100
110 38.6 17.0 50.9
77 31.4 24.7 37.1





#37

Ethyl Acetate

Concen: 47.444 ug/l

RT: 4.714 min Scan# 596

Delta R.T. -0.006 min

Lab File: VX037641.D

Acq: 09 Sep 2023 20:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 115258

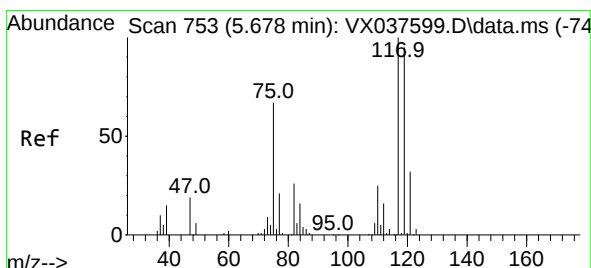
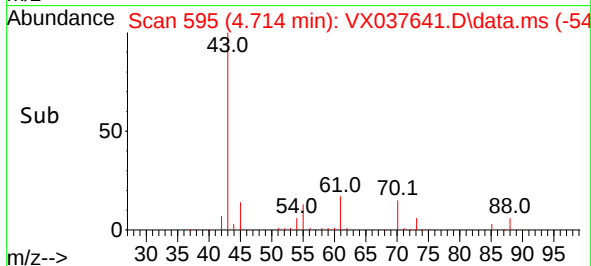
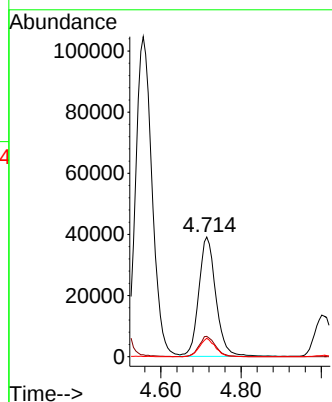
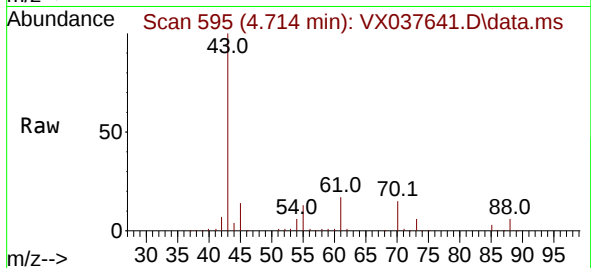
Ion	Ratio	Lower	Upper
43	100		
61	16.6	10.6	16.0
70	14.3	8.3	12.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/11/2023

Supervised By :Mahesh Dadoda 09/11/2023



#38

Carbon Tetrachloride

Concen: 49.553 ug/l

RT: 5.678 min Scan# 753

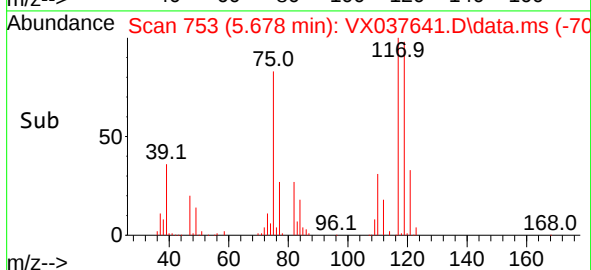
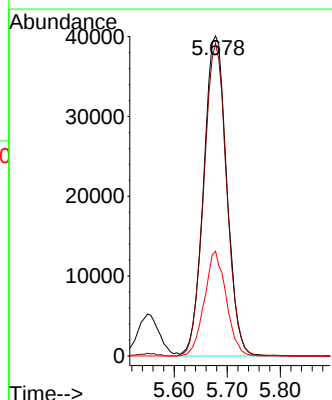
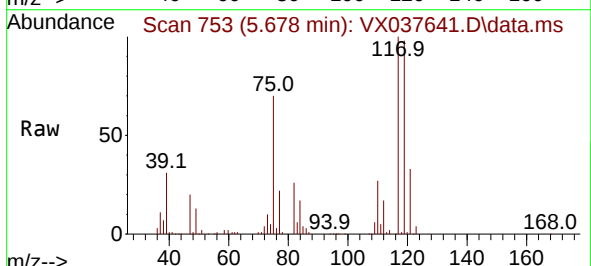
Delta R.T. -0.000 min

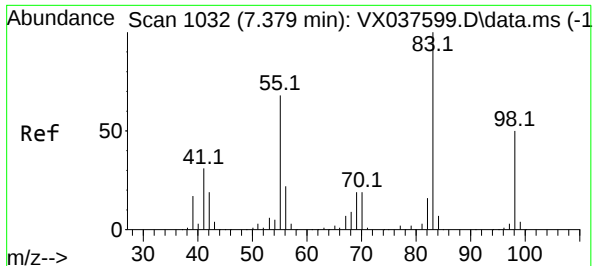
Lab File: VX037641.D

Acq: 09 Sep 2023 20:40

Tgt Ion:117 Resp: 121343

Ion	Ratio	Lower	Upper
117	100		
119	97.5	78.2	117.2
121	32.8	24.4	36.6





#39

Methylcyclohexane

Concen: 47.853 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.000 min

Lab File: VX037641.D

Acq: 09 Sep 2023 20:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 13824

Ion Ratio Lower Upper

83 100

55 70.9 64.6 97.0

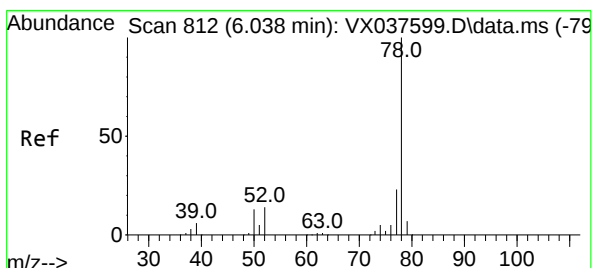
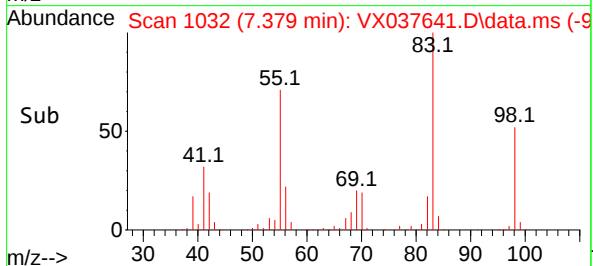
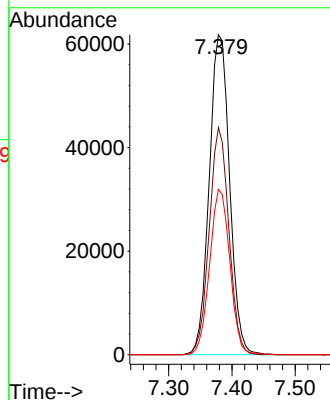
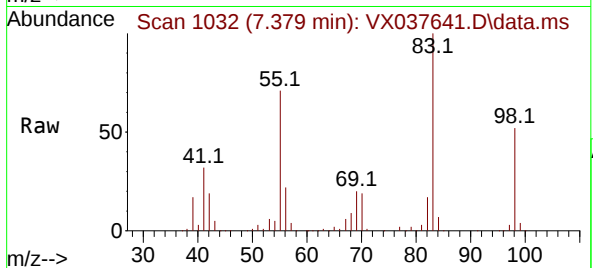
98 51.7 36.7 55.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/11/2023

Supervised By :Mahesh Dadoda 09/11/2023



#40

Benzene

Concen: 48.874 ug/l

RT: 6.037 min Scan# 812

Delta R.T. -0.000 min

Lab File: VX037641.D

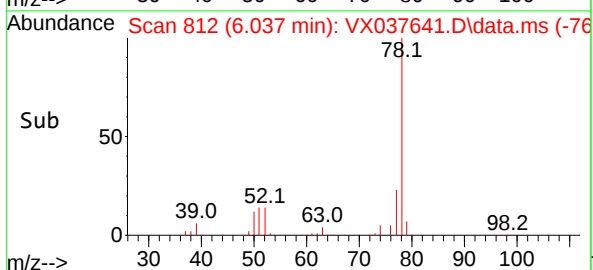
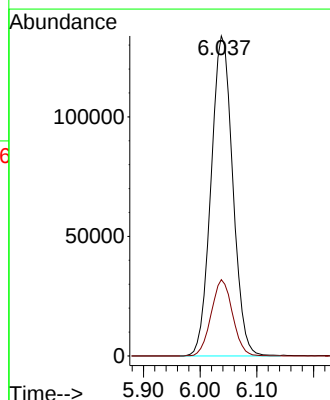
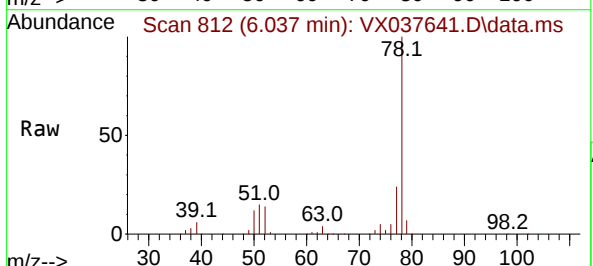
Acq: 09 Sep 2023 20:40

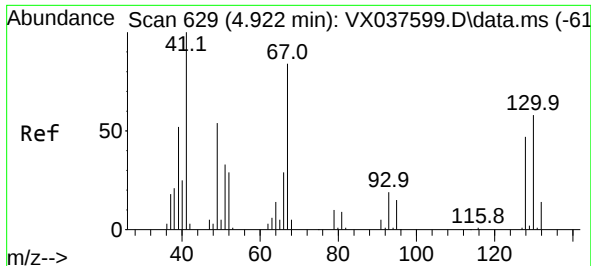
Tgt Ion: 78 Resp: 356306

Ion Ratio Lower Upper

78 100

77 23.9 19.3 28.9





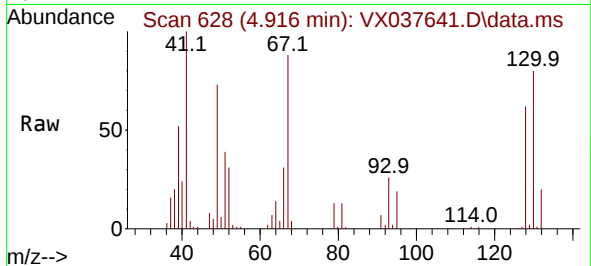
#41
Methacrylonitrile
Concen: 48.515 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX037641.D
Acq: 09 Sep 2023 20:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



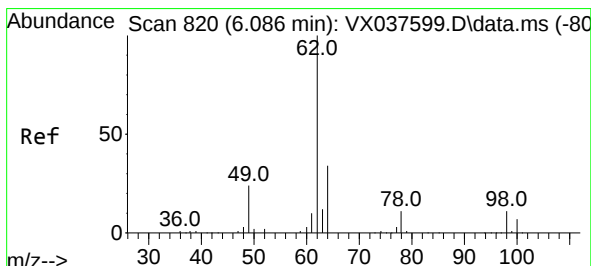
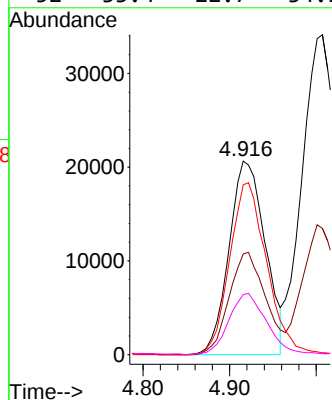
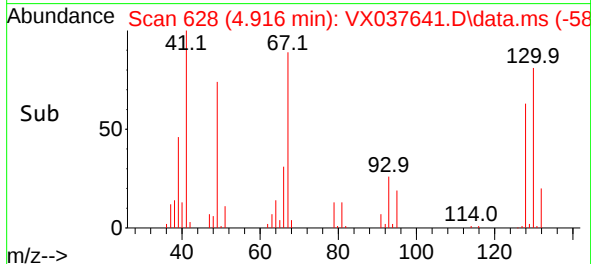
Tgt Ion: 41 Resp: 60040
Ion Ratio Lower Upper
41 100
39 53.8 45.2 67.8
67 91.1 52.6 78.8
52 33.4 22.7 34.1

Manual Integrations

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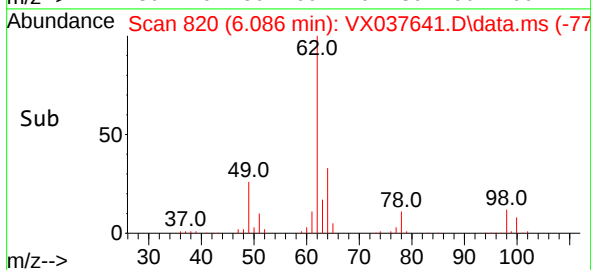
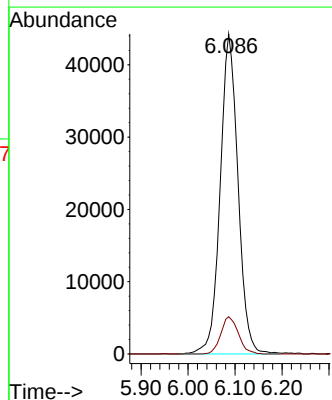
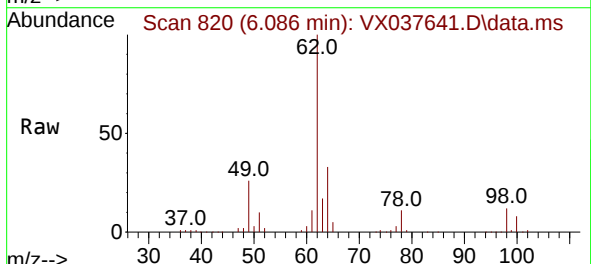
Reviewed By :John Carlone 09/11/2023

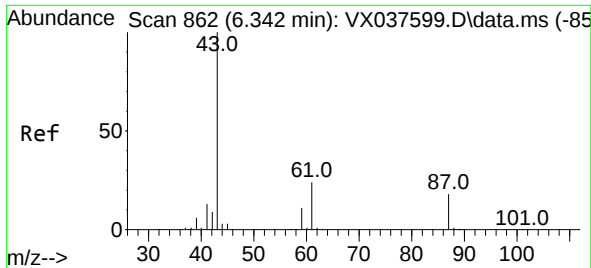
Supervised By :Mahesh Dadoda 09/11/2023



#42
1,2-Dichloroethane
Concen: 47.880 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.000 min
Lab File: VX037641.D
Acq: 09 Sep 2023 20:40

Tgt Ion: 62 Resp: 116884
Ion Ratio Lower Upper
62 100
98 11.4 0.0 16.0





#43

Isopropyl Acetate

Concen: 50.336 ug/l

RT: 6.342 min Scan# 80

Delta R.T. -0.000 min

Lab File: VX037641.D

Acq: 09 Sep 2023 20:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

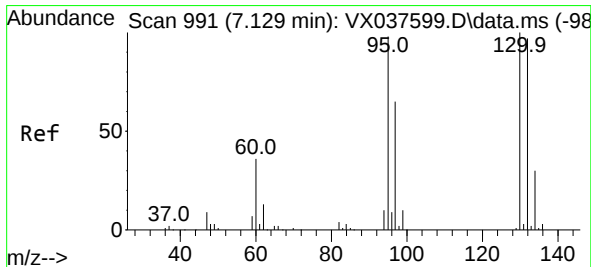
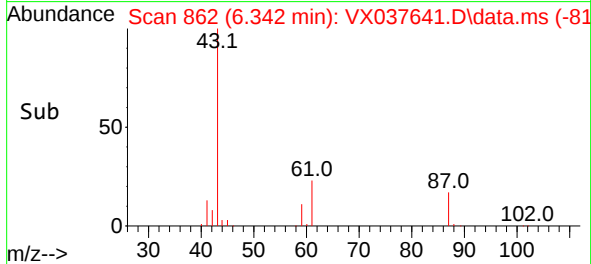
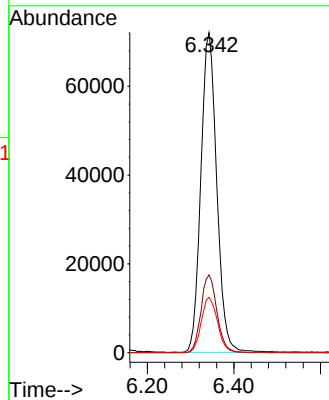
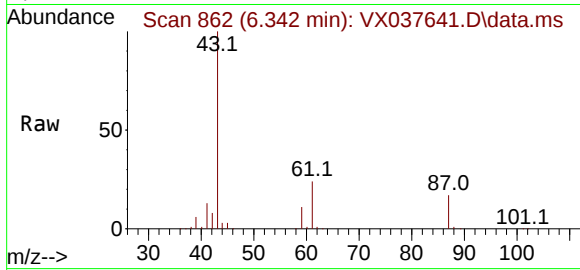
Tgt Ion: 43	Resp: 183154
Ion Ratio	Lower Upper
43 100	
61 24.4	15.2 22.8
87 17.7	9.8 14.6

Manual Integrations

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Reviewed By :John Carlone 09/11/2023

Supervised By :Mahesh Dadoda 09/11/2023



#44

Trichloroethene

Concen: 48.192 ug/l

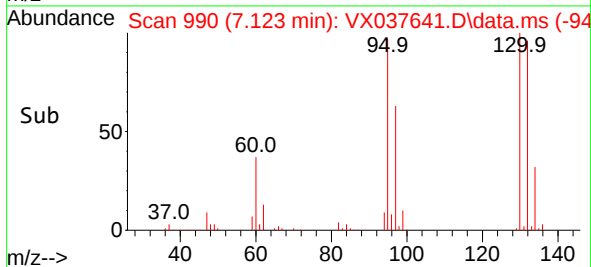
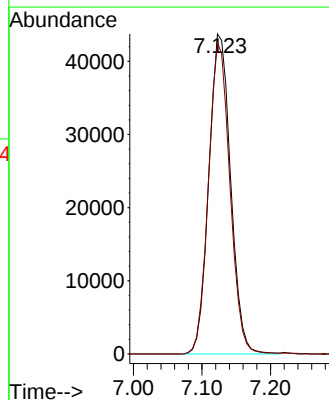
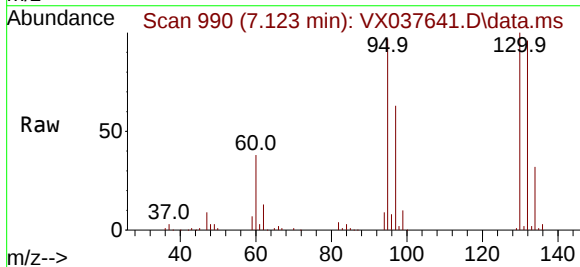
RT: 7.123 min Scan# 990

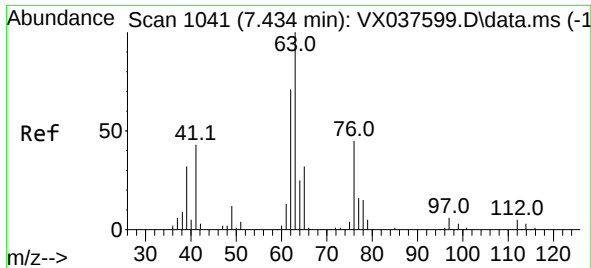
Delta R.T. -0.006 min

Lab File: VX037641.D

Acq: 09 Sep 2023 20:40

Tgt Ion:130	Resp: 96507
Ion Ratio	Lower Upper
130 100	
95 97.3	0.0 204.4





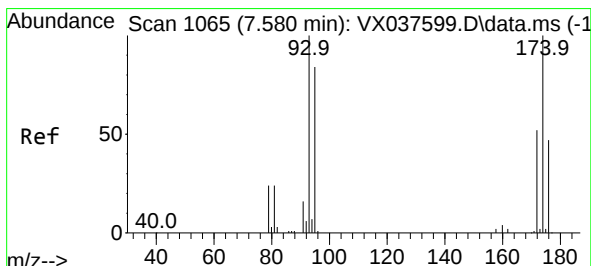
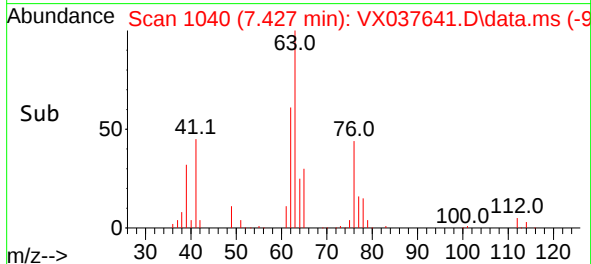
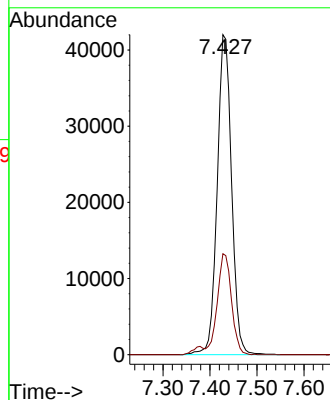
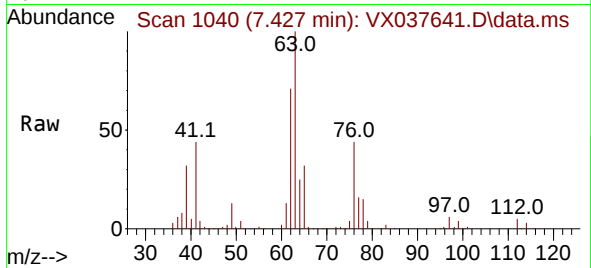
#45
1,2-Dichloropropane
Concen: 50.054 ug/l
RT: 7.427 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VX037641.D
Acq: 09 Sep 2023 20:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 63 Resp: 8936
Ion Ratio Lower Upper
63 100
65 31.5 24.3 36.5

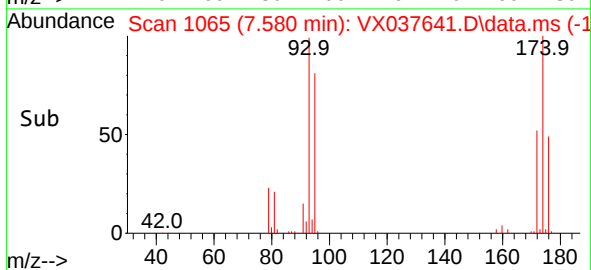
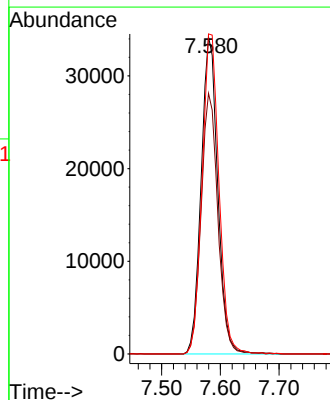
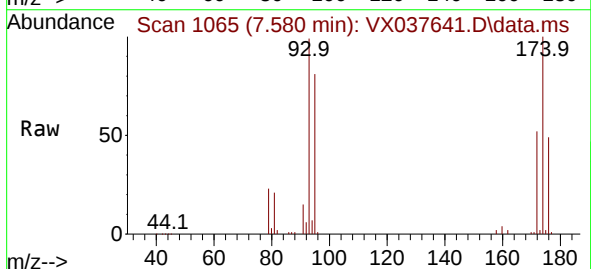
Manual Integrations
APPROVED

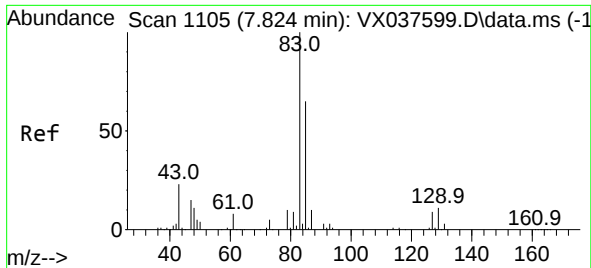
Reviewed By :John Carlone 09/11/2023
Supervised By :Mahesh Dadoda 09/11/2023



#46
Dibromomethane
Concen: 50.173 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VX037641.D
Acq: 09 Sep 2023 20:40

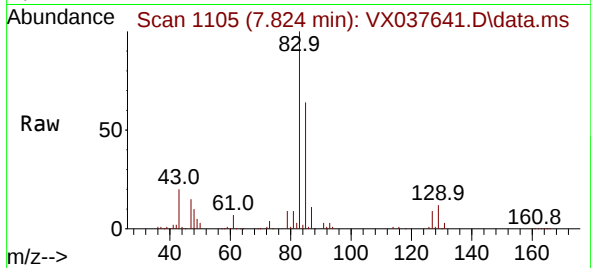
Tgt Ion: 93 Resp: 67228
Ion Ratio Lower Upper
93 100
95 83.0 66.6 100.0
174 103.0 69.4 104.0





#47
Bromodichloromethane
Concen: 51.496 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX037641.D
Acq: 09 Sep 2023 20:40

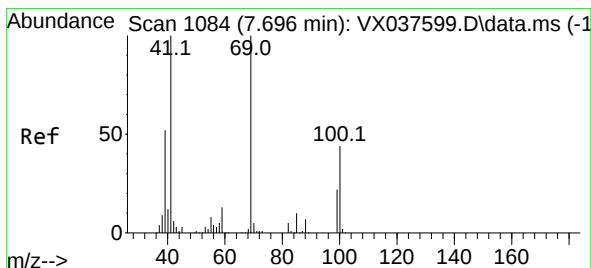
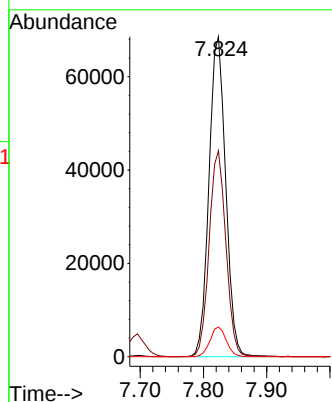
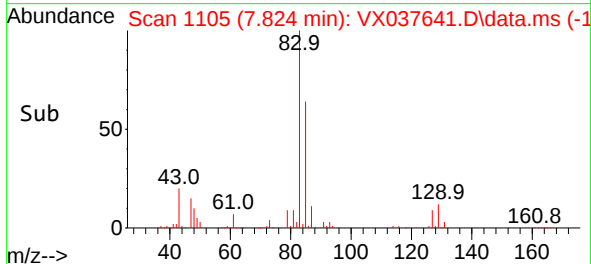
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 126086
Ion Ratio Lower Upper
83 100
85 64.4 49.8 74.6
127 9.2 7.1 10.7

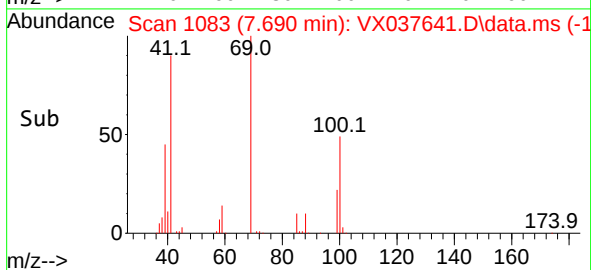
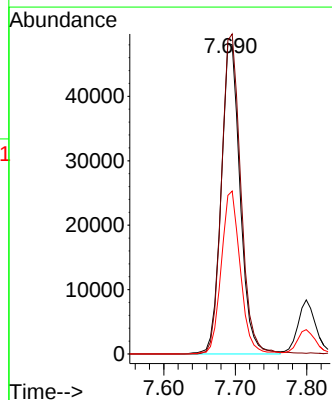
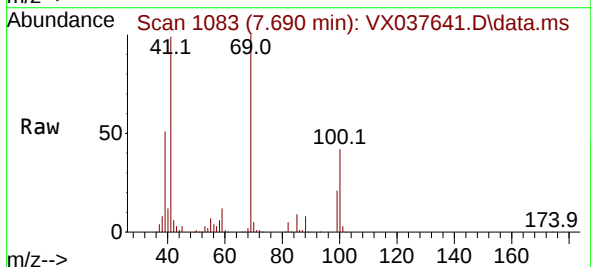
Manual Integrations
APPROVED

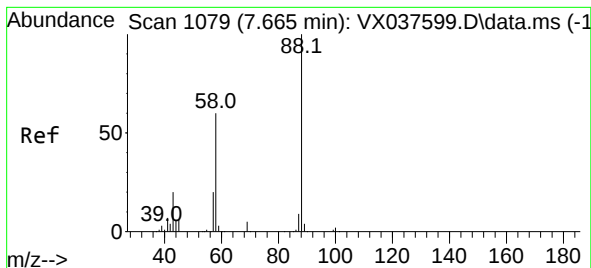
Reviewed By :John Carlone 09/11/2023
Supervised By :Mahesh Dadoda 09/11/2023



#48
Methyl methacrylate
Concen: 51.088 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.006 min
Lab File: VX037641.D
Acq: 09 Sep 2023 20:40

Tgt Ion: 41 Resp: 88969
Ion Ratio Lower Upper
41 100
69 104.2 59.2 88.8#
39 52.6 47.7 71.5





#49

1,4-Dioxane

Concen: 995.555 ug/l

RT: 7.659 min Scan# 1079

Delta R.T. -0.006 min

Lab File: VX037641.D

Acq: 09 Sep 2023 20:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

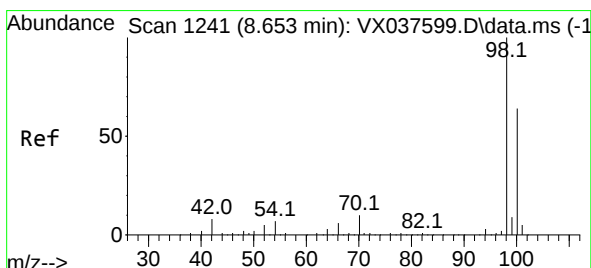
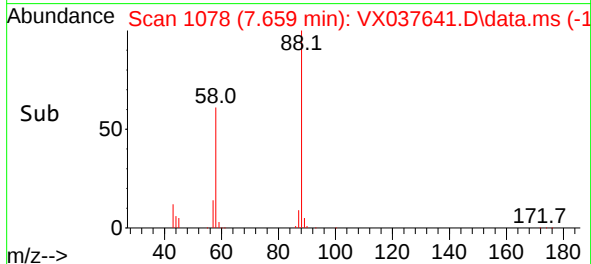
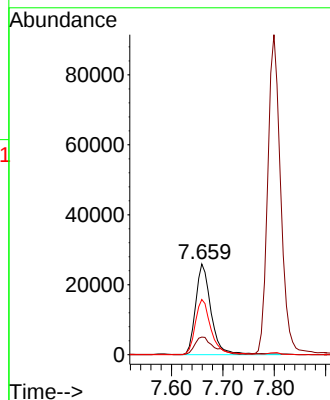
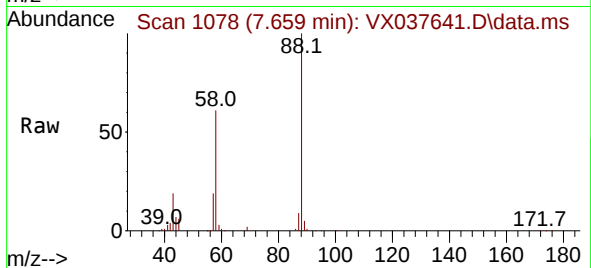
Tgt Ion: 88 Resp: 54398
 Ion Ratio Lower Upper
 88 100
 43 23.3 0.0 0.0
 58 62.1 60.1 90.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/11/2023

Supervised By :Mahesh Dadoda 09/11/2023



#50

Toluene-d8

Concen: 43.363 ug/l

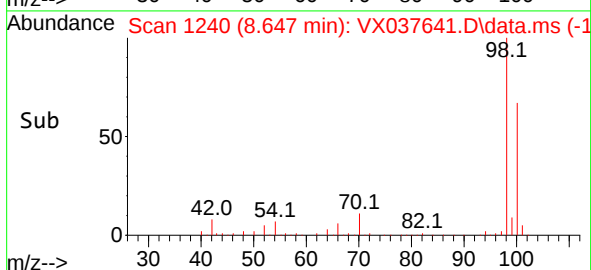
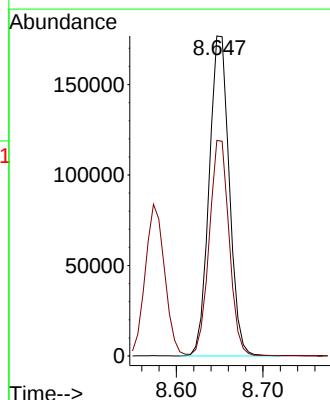
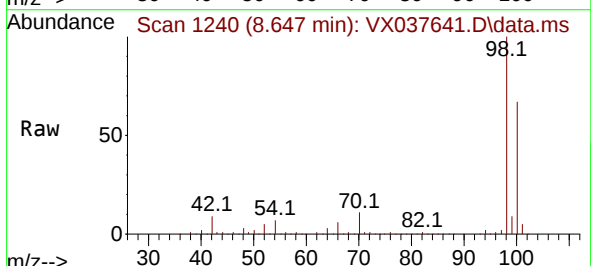
RT: 8.647 min Scan# 1240

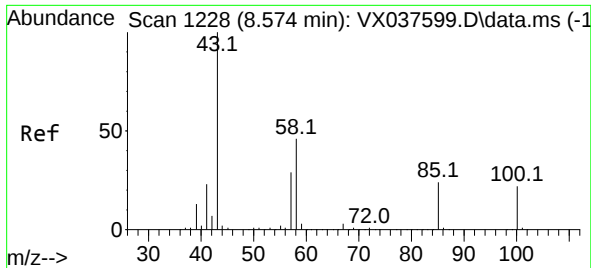
Delta R.T. -0.006 min

Lab File: VX037641.D

Acq: 09 Sep 2023 20:40

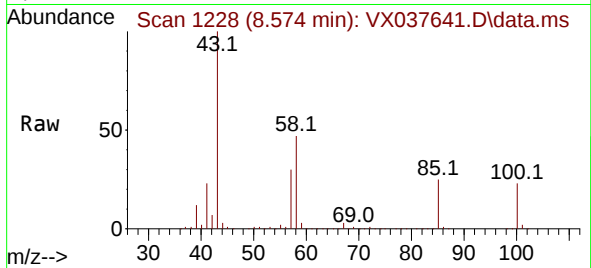
Tgt Ion: 98 Resp: 285243
 Ion Ratio Lower Upper
 98 100
 100 66.6 53.1 79.7





#51
4-Methyl-2-Pentanone
Concen: 248.927 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX037641.D
Acq: 09 Sep 2023 20:40

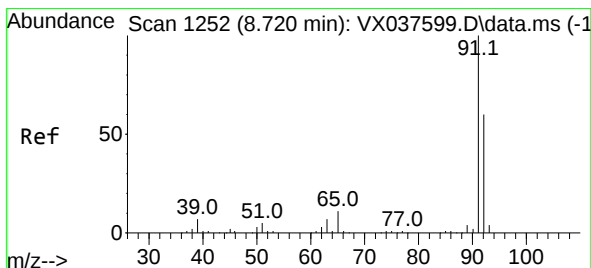
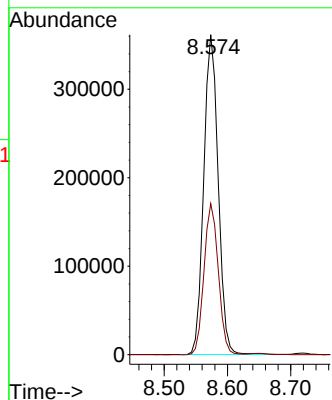
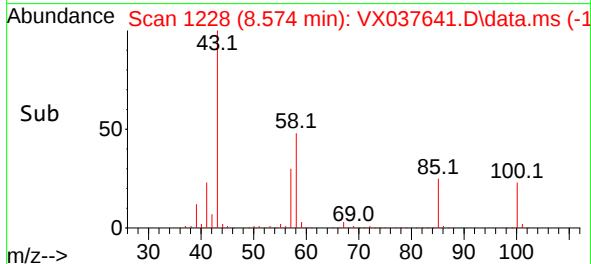
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



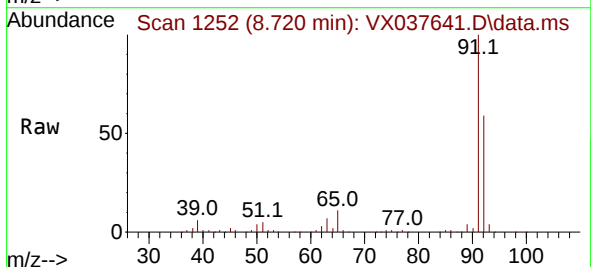
Tgt Ion: 43 Resp: 57604
Ion Ratio Lower Upper
43 100
58 46.7 30.4 45.6

Manual Integrations
APPROVED

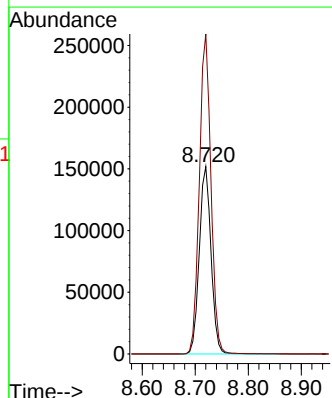
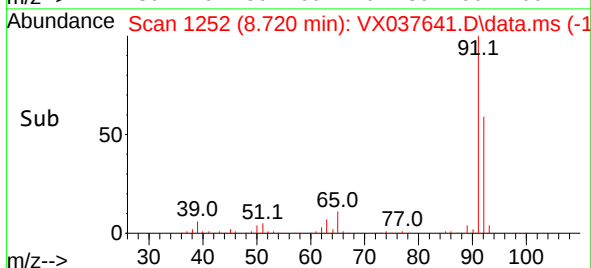
Reviewed By :John Carlone 09/11/2023
Supervised By :Mahesh Dadoda 09/11/2023

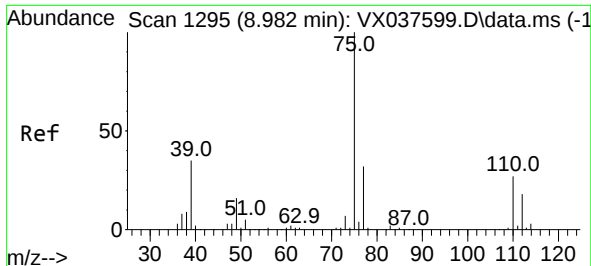


#52
Toluene
Concen: 49.336 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX037641.D
Acq: 09 Sep 2023 20:40



Tgt Ion: 92 Resp: 233616
Ion Ratio Lower Upper
92 100
91 168.9 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 50.738 ug/l

RT: 8.976 min Scan# 1295

Delta R.T. -0.006 min

Lab File: VX037641.D

Acq: 09 Sep 2023 20:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 75 Resp: 12899

Ion Ratio Lower Upper

75 100

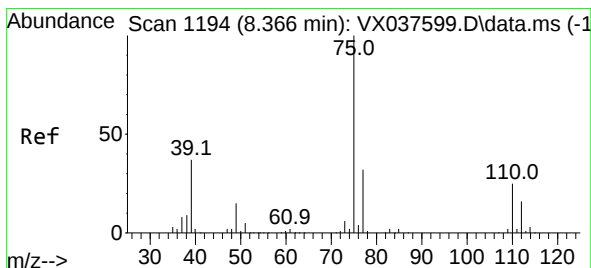
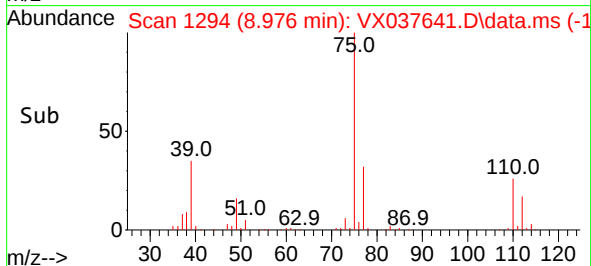
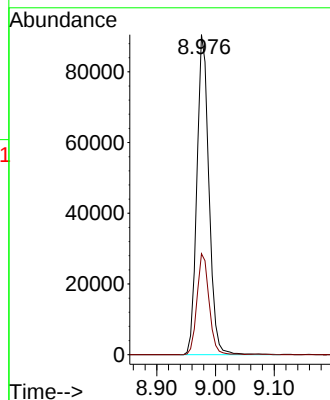
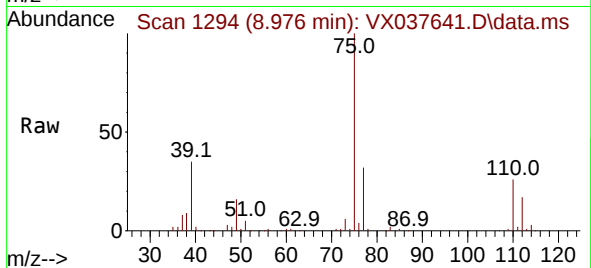
77 31.5 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/11/2023

Supervised By :Mahesh Dadoda 09/11/2023



#54

cis-1,3-Dichloropropene

Concen: 50.432 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX037641.D

Acq: 09 Sep 2023 20:40

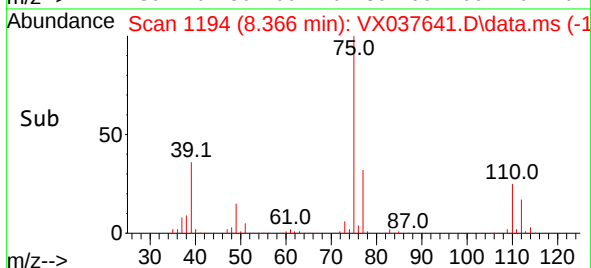
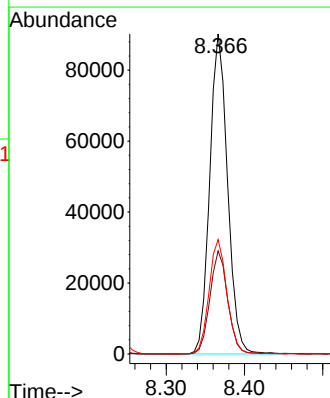
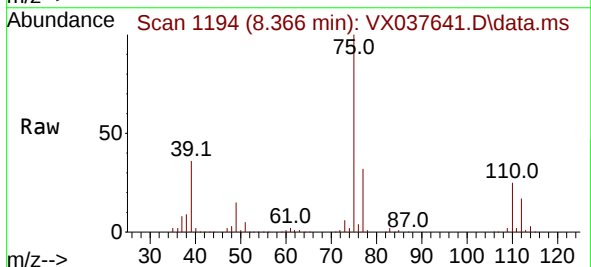
Tgt Ion: 75 Resp: 142650

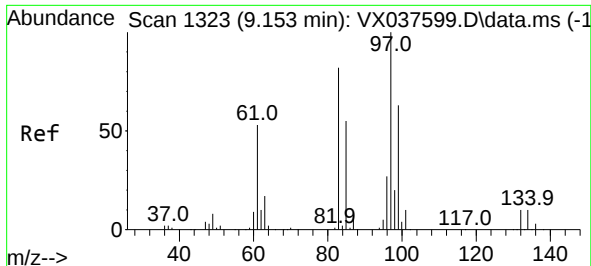
Ion Ratio Lower Upper

75 100

77 32.2 25.3 37.9

39 35.8 46.7 70.1#





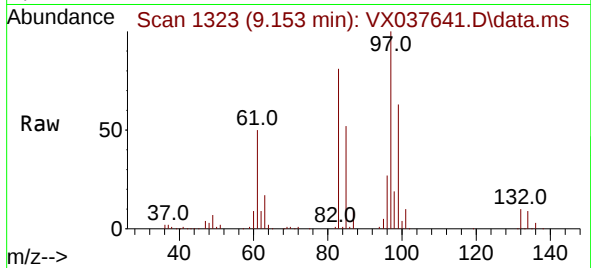
#55
1,1,2-Trichloroethane
Concen: 50.690 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX037641.D
Acq: 09 Sep 2023 20:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



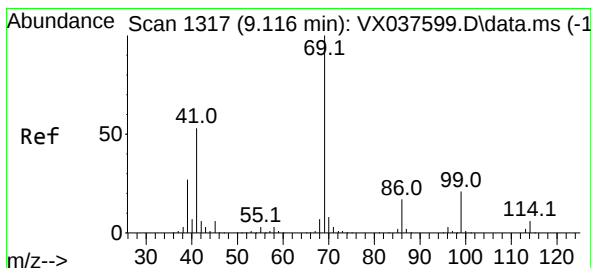
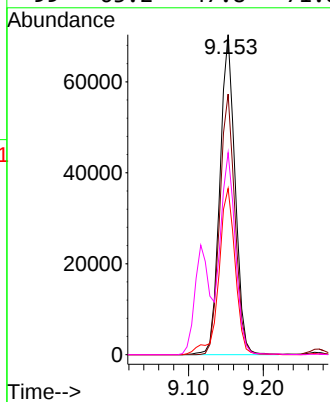
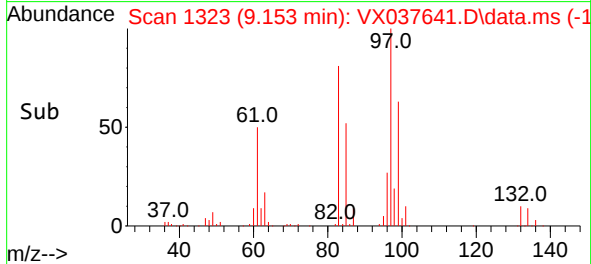
Tgt Ion: 97 Resp: 99798
Ion Ratio Lower Upper
97 100
83 81.5 65.8 98.8
85 51.9 41.6 62.4
99 63.2 47.8 71.8

Manual Integrations

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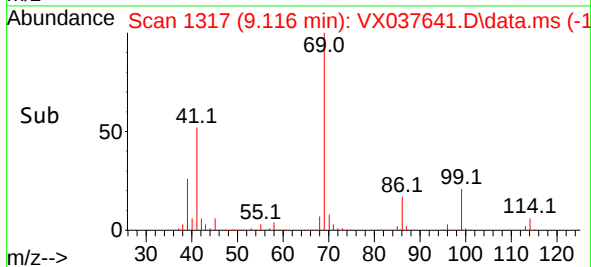
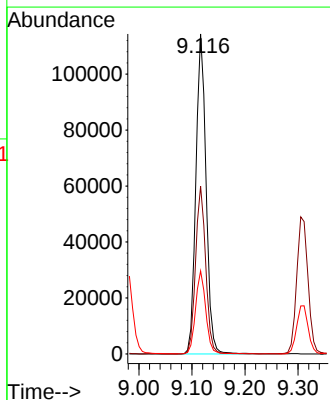
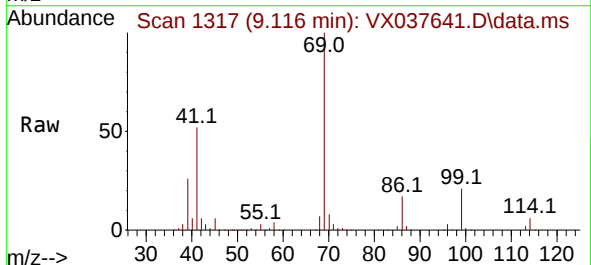
Reviewed By :John Carlone 09/11/2023

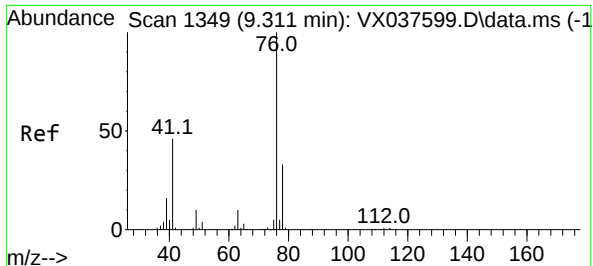
Supervised By :Mahesh Dadoda 09/11/2023



#56
Ethyl methacrylate
Concen: 53.271 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX037641.D
Acq: 09 Sep 2023 20:40

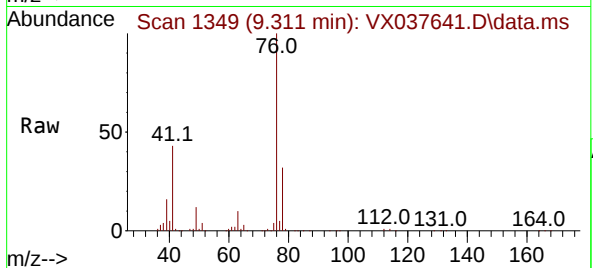
Tgt Ion: 69 Resp: 152811
Ion Ratio Lower Upper
69 100
41 52.3 56.8 85.2#
39 26.3 32.0 48.0#





#57
1,3-Dichloropropane
Concen: 48.703 ug/l
RT: 9.311 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VX037641.D
Acq: 09 Sep 2023 20:40

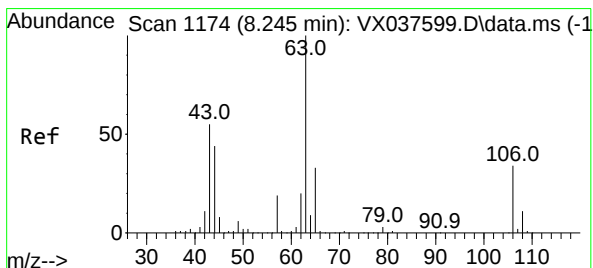
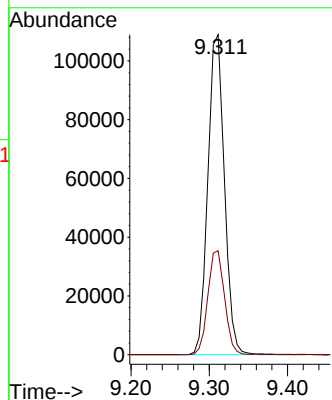
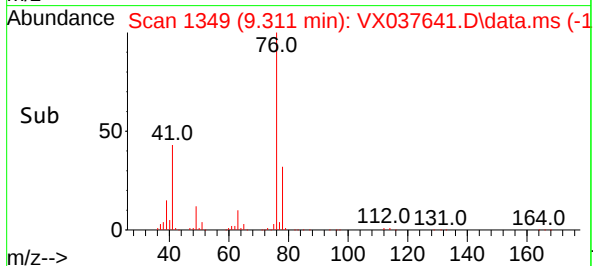
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 159800
Ion Ratio Lower Upper
76 100
78 32.9 26.1 39.1

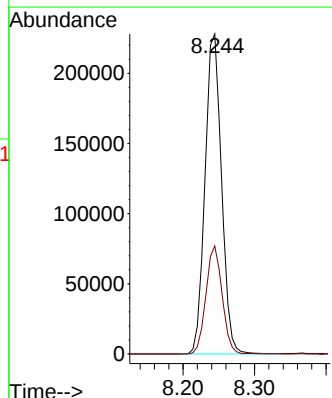
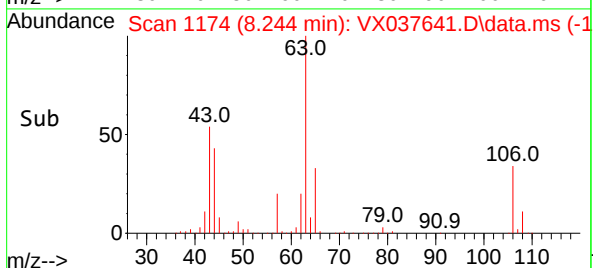
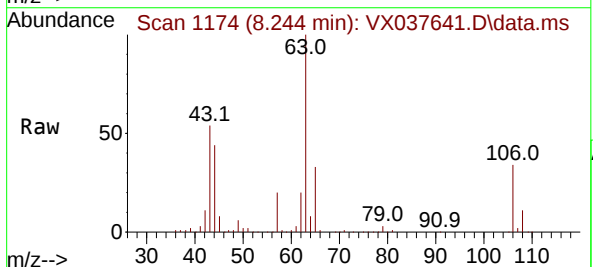
Manual Integrations
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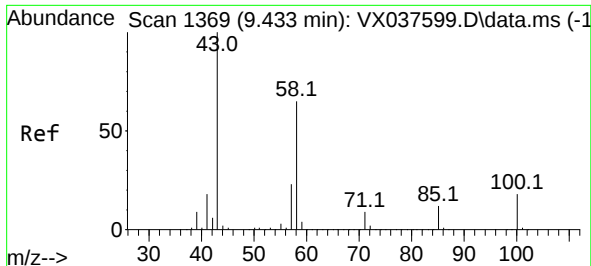
Reviewed By :John Carlone 09/11/2023
Supervised By :Mahesh Dadoda 09/11/2023



#58
2-Chloroethyl Vinyl ether
Concen: 251.959 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. -0.000 min
Lab File: VX037641.D
Acq: 09 Sep 2023 20:40

Tgt Ion: 63 Resp: 365684
Ion Ratio Lower Upper
63 100
106 33.1 22.5 33.7





#59

2-Hexanone

Concen: 249.724 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. -0.000 min

Lab File: VX037641.D

Acq: 09 Sep 2023 20:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 44075

Ion Ratio Lower Upper

43 100

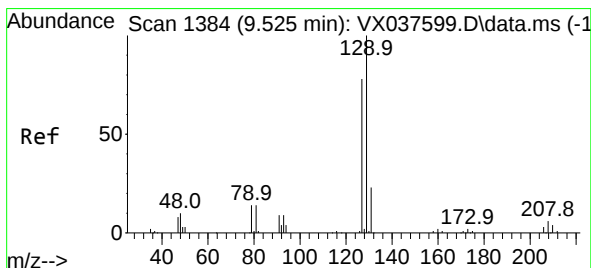
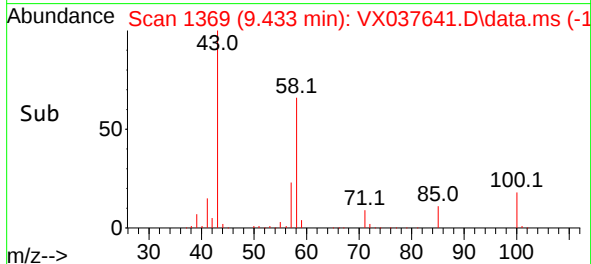
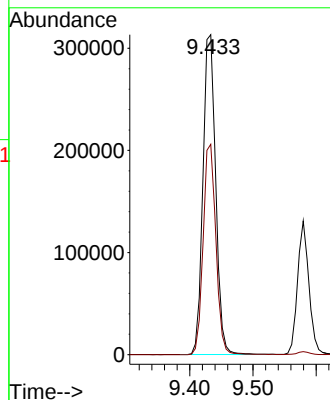
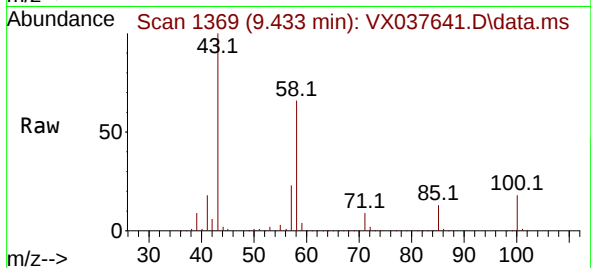
58 65.7 26.2 78.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/11/2023

Supervised By :Mahesh Dadoda 09/11/2023



#60

Dibromochloromethane

Concen: 52.937 ug/l

RT: 9.525 min Scan# 1384

Delta R.T. -0.000 min

Lab File: VX037641.D

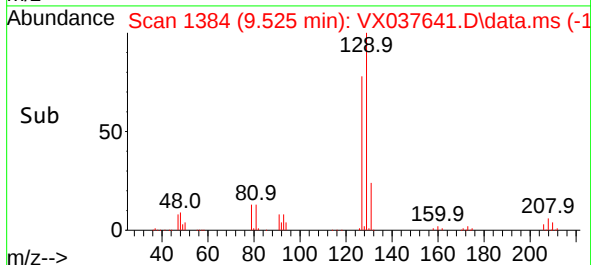
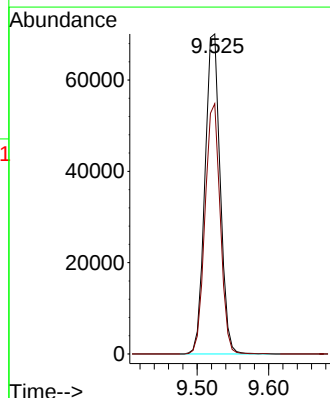
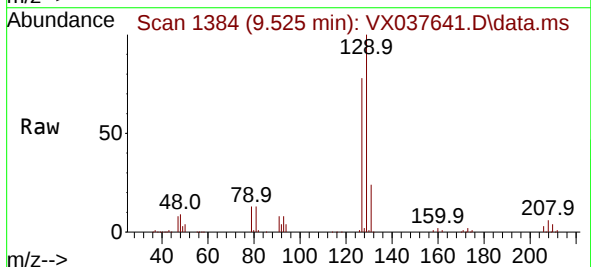
Acq: 09 Sep 2023 20:40

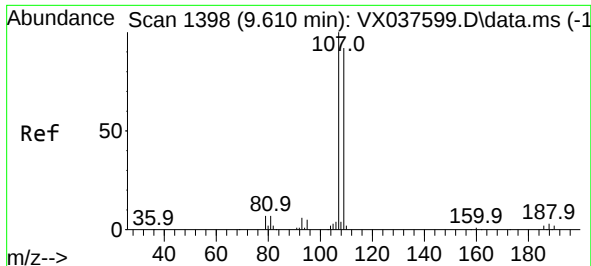
Tgt Ion:129 Resp: 103771

Ion Ratio Lower Upper

129 100

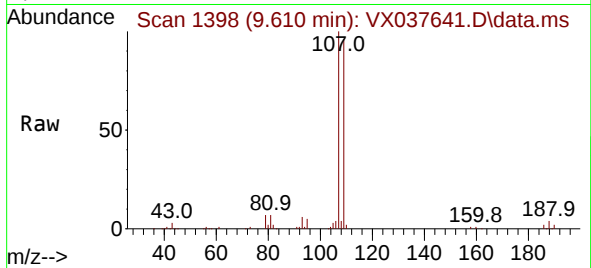
127 78.0 38.8 116.4





#61
1,2-Dibromoethane
Concen: 50.362 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX037641.D
Acq: 09 Sep 2023 20:40

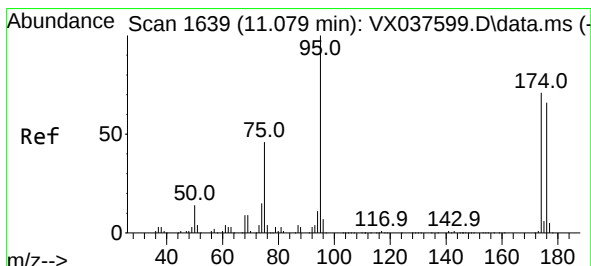
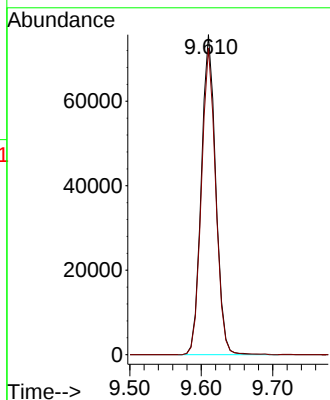
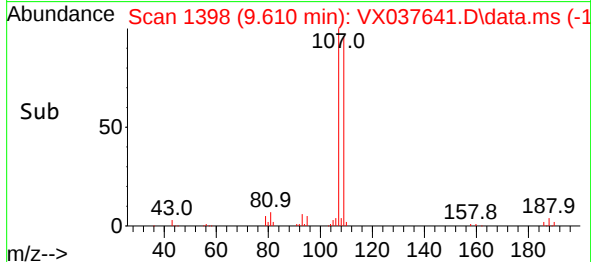
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:107 Resp: 106179
Ion Ratio Lower Upper
107 100
109 94.6 75.2 112.8

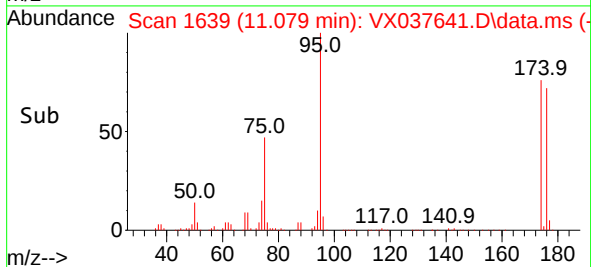
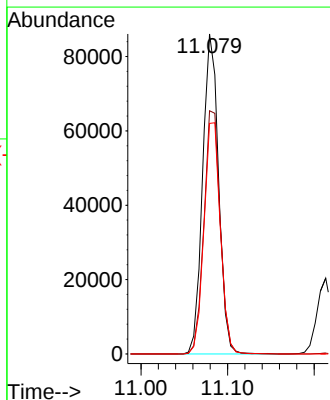
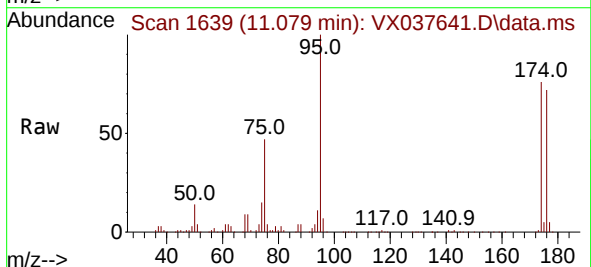
Manual Integrations
APPROVED

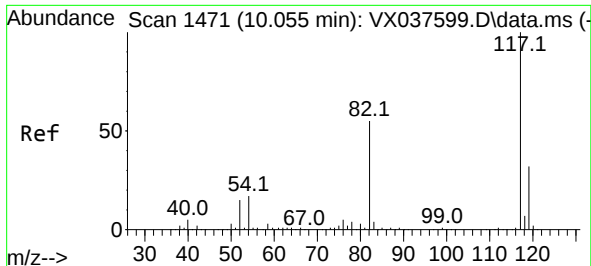
Reviewed By :John Carlone 09/11/2023
Supervised By :Mahesh Dadoda 09/11/2023



#62
4-Bromofluorobenzene
Concen: 44.357 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX037641.D
Acq: 09 Sep 2023 20:40

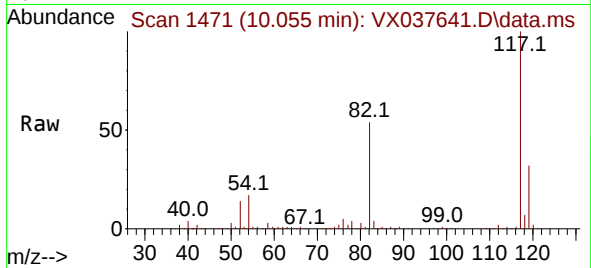
Tgt Ion: 95 Resp: 109967
Ion Ratio Lower Upper
95 100
174 77.9 0.0 135.6
176 74.6 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037641.D
Acq: 09 Sep 2023 20:40

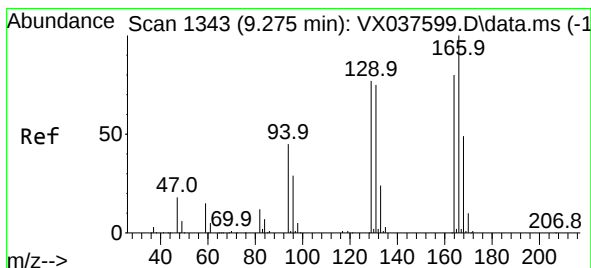
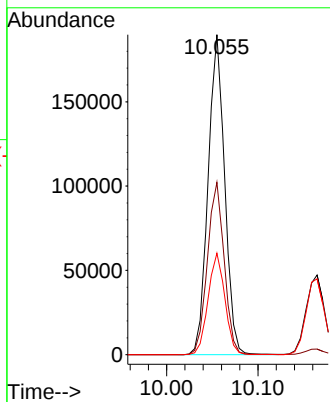
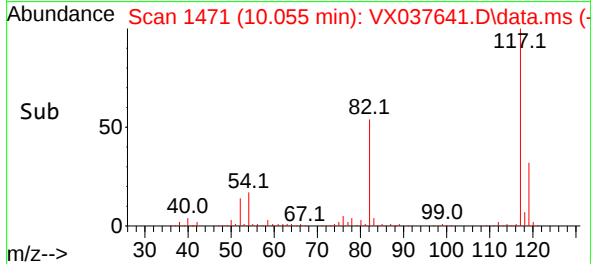
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 23857
Ion Ratio Lower Upper
117 100
82 53.9 46.2 69.4
119 31.7 25.5 38.3

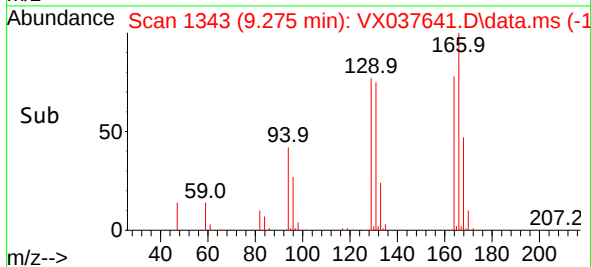
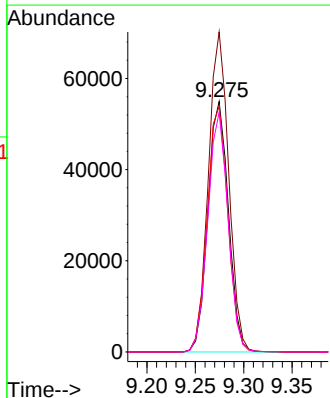
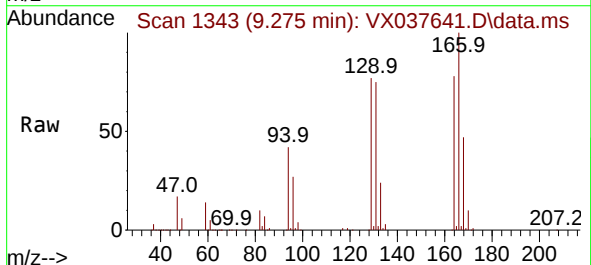
Manual Integrations
APPROVED

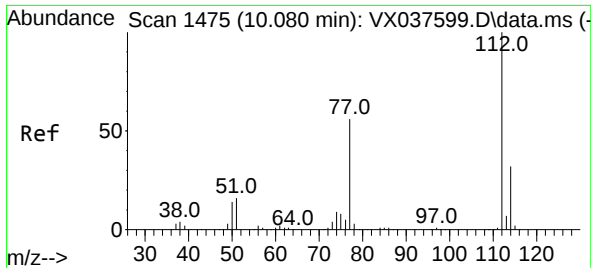
Reviewed By :John Carlone 09/11/2023
Supervised By :Mahesh Dadoda 09/11/2023



#64
Tetrachloroethene
Concen: 48.680 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX037641.D
Acq: 09 Sep 2023 20:40

Tgt Ion:164 Resp: 81328
Ion Ratio Lower Upper
164 100
166 127.8 102.7 154.1
129 98.0 80.4 120.6
131 95.6 76.5 114.7





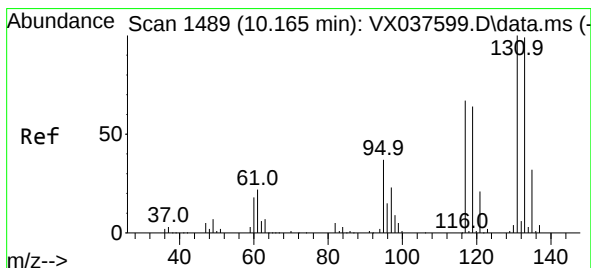
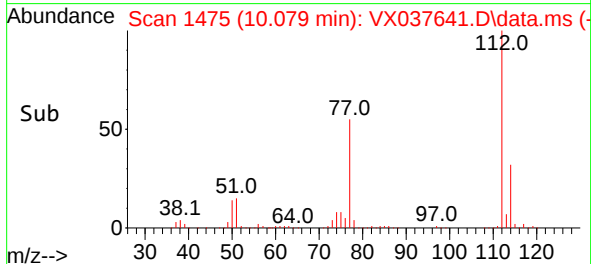
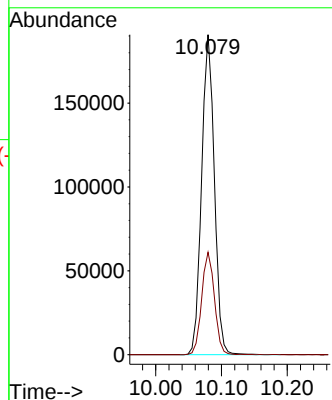
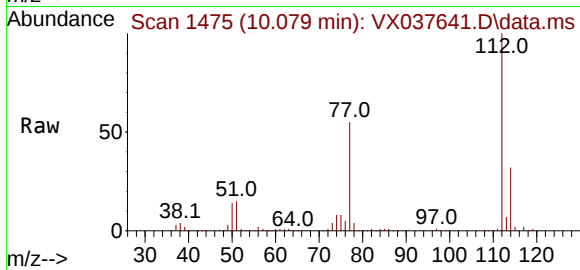
#65
Chlorobenzene
Concen: 49.054 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX037641.D
Acq: 09 Sep 2023 20:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 257124
Ion Ratio Lower Upper
112 100
114 32.0 25.7 38.5

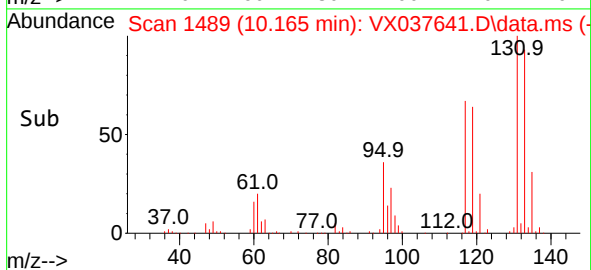
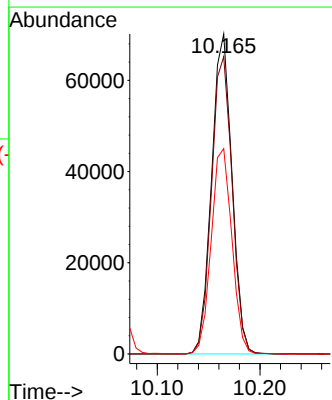
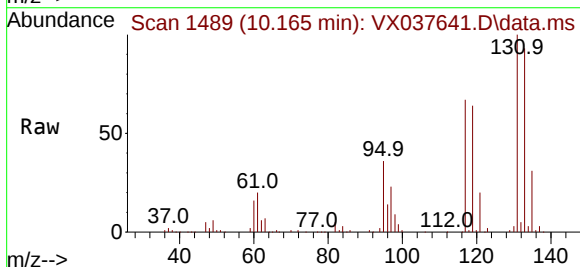
Manual Integrations
APPROVED

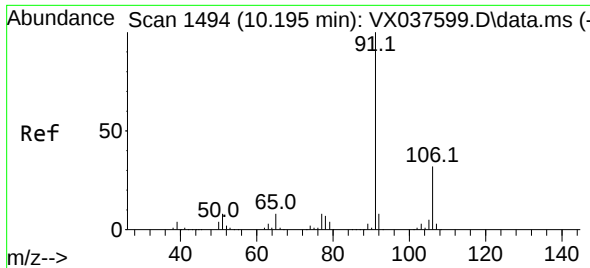
Reviewed By :John Carlone 09/11/2023
Supervised By :Mahesh Dadoda 09/11/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 51.988 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX037641.D
Acq: 09 Sep 2023 20:40

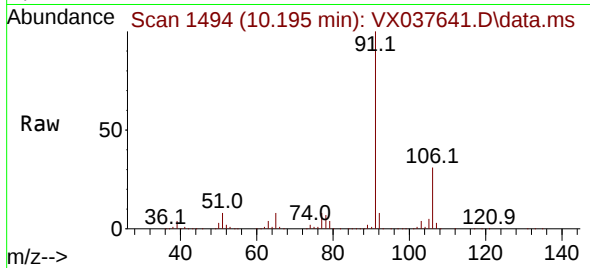
Tgt Ion:131 Resp: 96575
Ion Ratio Lower Upper
131 100
133 94.4 47.1 141.4
119 65.3 32.2 96.6





#67
Ethyl Benzene
Concen: 50.035 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX037641.D
Acq: 09 Sep 2023 20:40

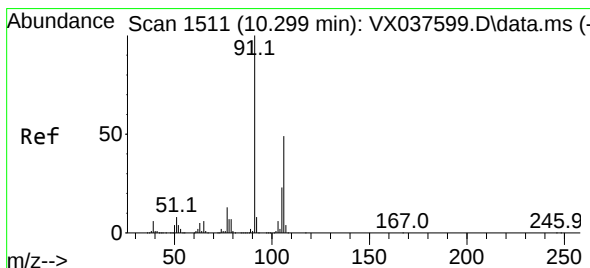
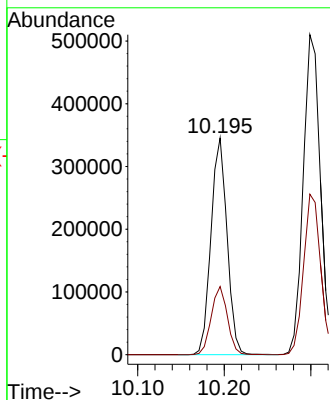
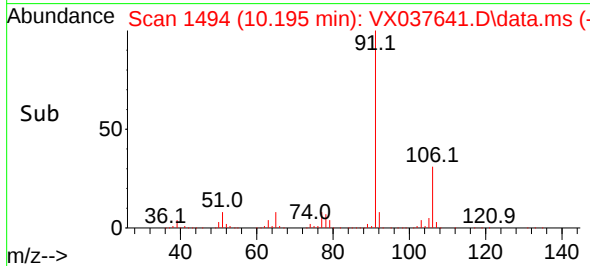
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



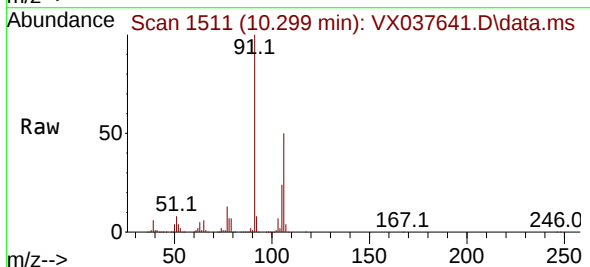
Tgt Ion: 91 Resp: 445809
Ion Ratio Lower Upper
91 100
106 31.5 24.9 37.3

Manual Integrations
APPROVED

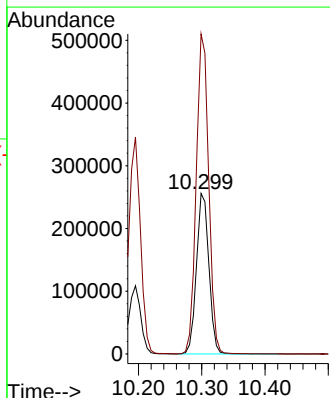
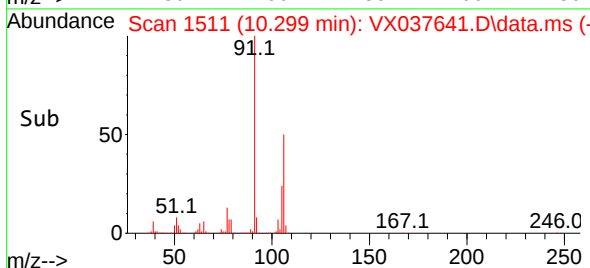
Reviewed By :John Carlone 09/11/2023
Supervised By :Mahesh Dadoda 09/11/2023

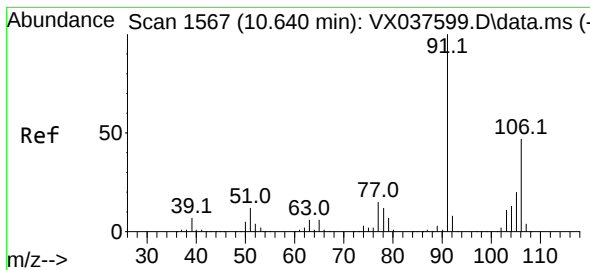


#68
m/p-Xylenes
Concen: 99.915 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX037641.D
Acq: 09 Sep 2023 20:40



Tgt Ion:106 Resp: 350198
Ion Ratio Lower Upper
106 100
91 199.8 165.5 248.3





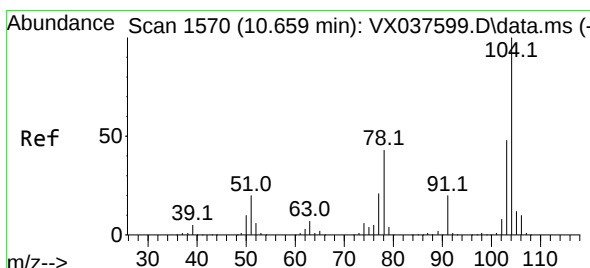
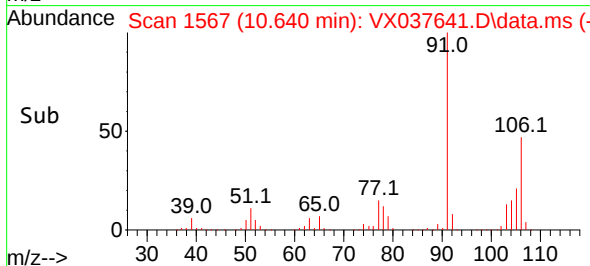
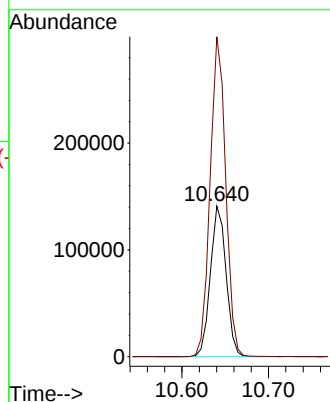
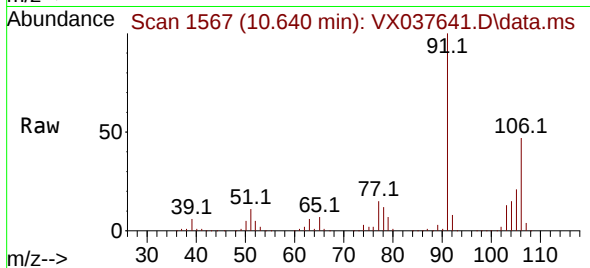
#69
o-Xylene
Concen: 51.046 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX037641.D
Acq: 09 Sep 2023 20:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 177898
Ion Ratio Lower Upper
106 100
91 210.3 108.9 326.8

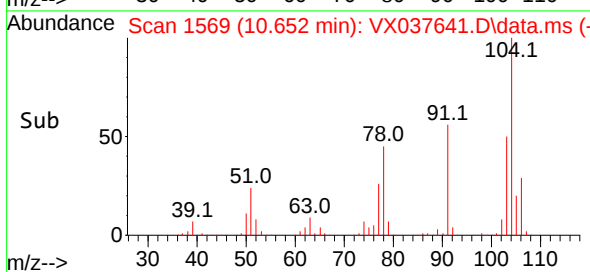
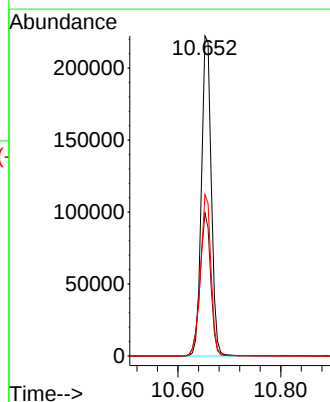
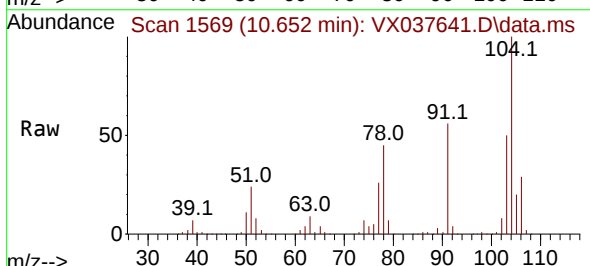
Manual Integrations
APPROVED

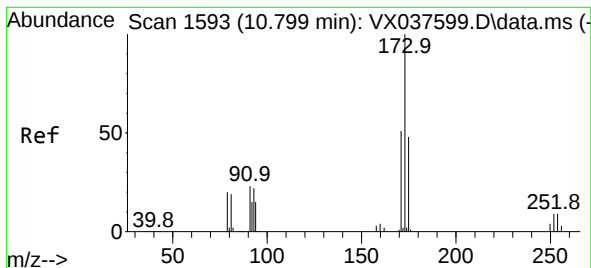
Reviewed By :John Carlone 09/11/2023
Supervised By :Mahesh Dadoda 09/11/2023



#70
Styrene
Concen: 52.270 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.006 min
Lab File: VX037641.D
Acq: 09 Sep 2023 20:40

Tgt Ion:104 Resp: 296165
Ion Ratio Lower Upper
104 100
78 48.3 43.6 65.4
103 54.0 43.6 65.4





#71

Bromoform

Concen: 52.084 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX037641.D

Acq: 09 Sep 2023 20:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

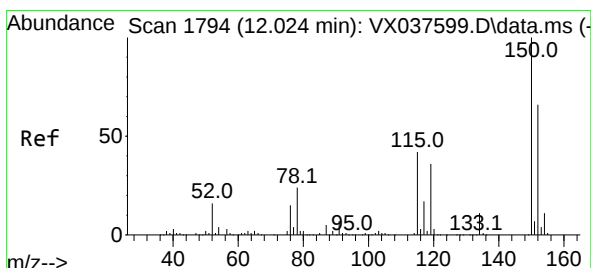
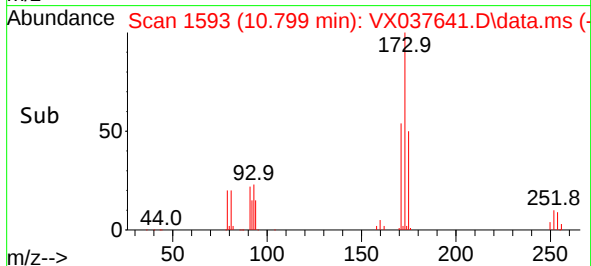
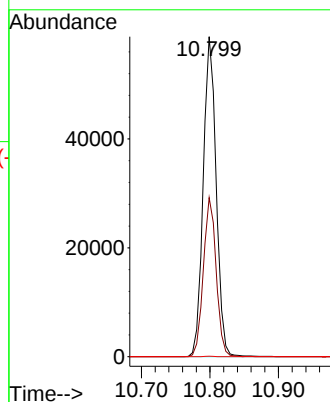
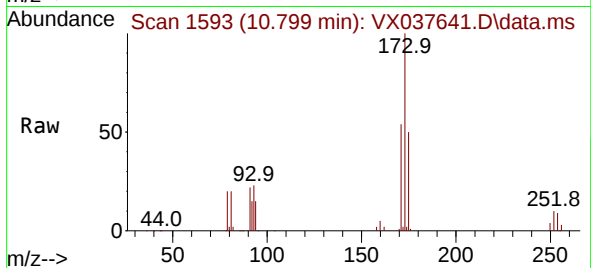
Tgt Ion:173	Resp:	77463
Ion Ratio	Lower	Upper
173	100	
175	49.0	24.1 72.4
254	0.1	0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/11/2023

Supervised By :Mahesh Dadoda 09/11/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

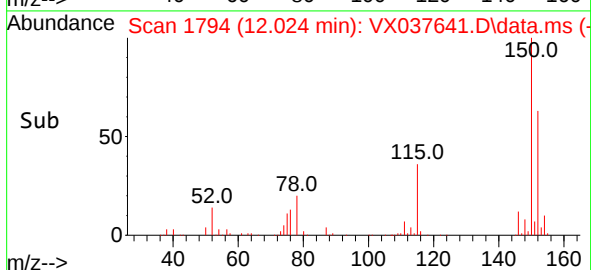
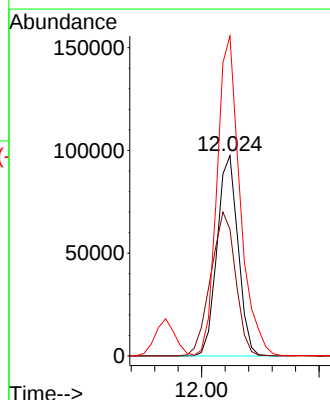
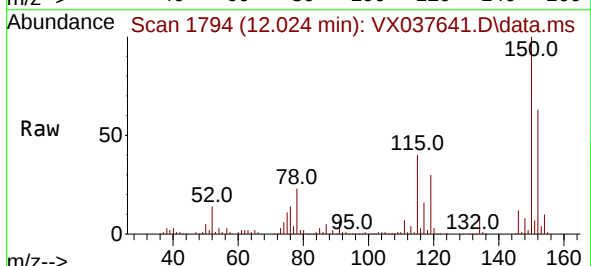
RT: 12.024 min Scan# 1794

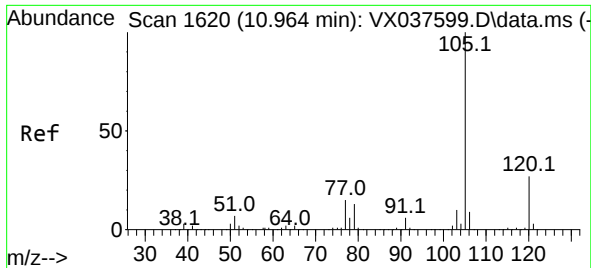
Delta R.T. -0.000 min

Lab File: VX037641.D

Acq: 09 Sep 2023 20:40

Tgt Ion:152	Resp:	120900
Ion Ratio	Lower	Upper
152	100	
115	85.0	43.3 129.9
150	174.9	0.0 345.0





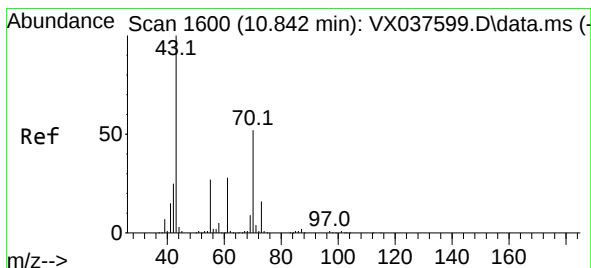
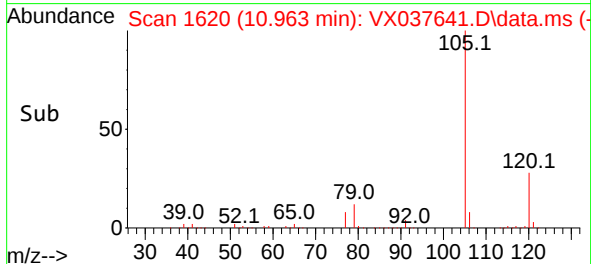
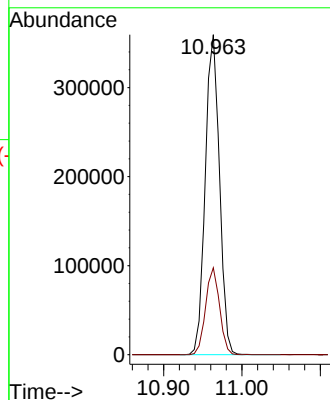
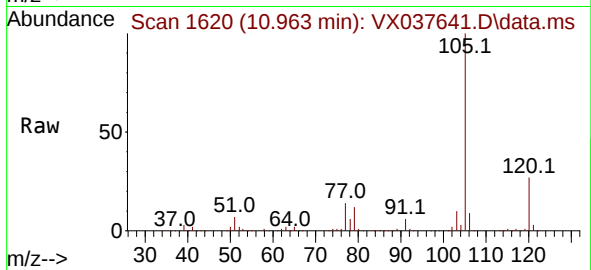
#73
Isopropylbenzene
Concen: 49.709 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX037641.D
Acq: 09 Sep 2023 20:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:105 Resp: 451420
Ion Ratio Lower Upper
105 100
120 26.6 12.9 38.6

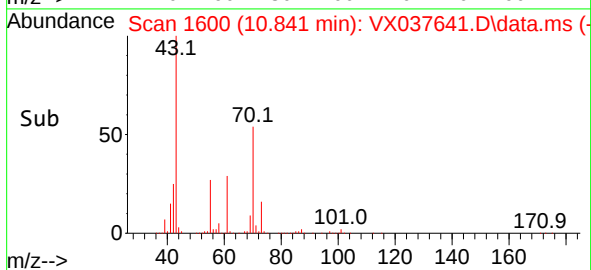
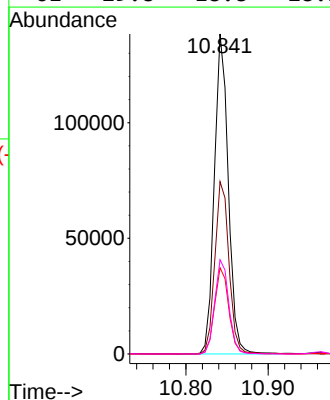
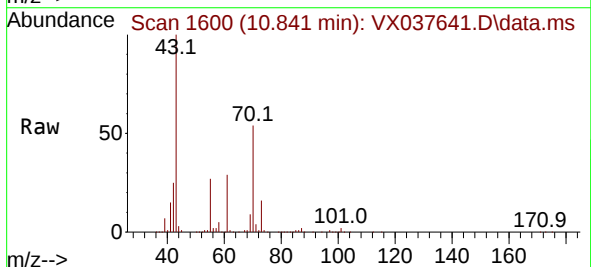
Manual Integrations
APPROVED

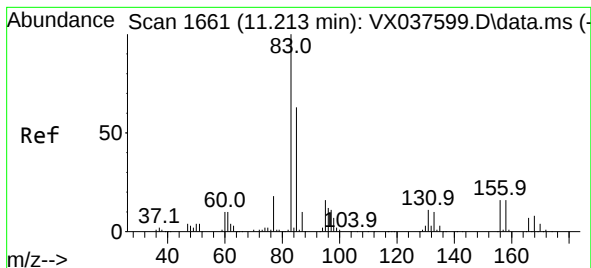
Reviewed By :John Carlone 09/11/2023
Supervised By :Mahesh Dadoda 09/11/2023



#74
N-ethyl acetate
Concen: 52.111 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX037641.D
Acq: 09 Sep 2023 20:40

Tgt Ion: 43 Resp: 163128
Ion Ratio Lower Upper
43 100
70 54.9 32.9 49.3#
55 27.5 19.3 28.9
61 29.8 18.8 28.2#





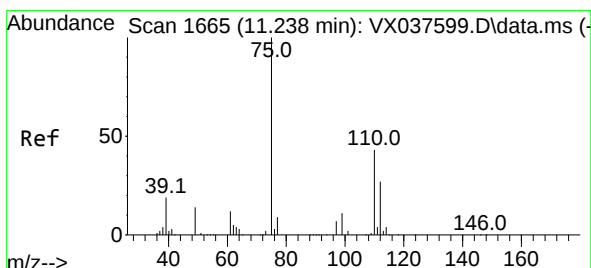
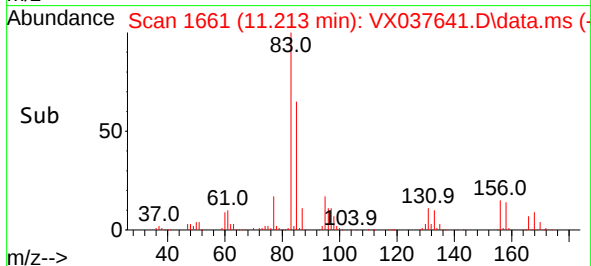
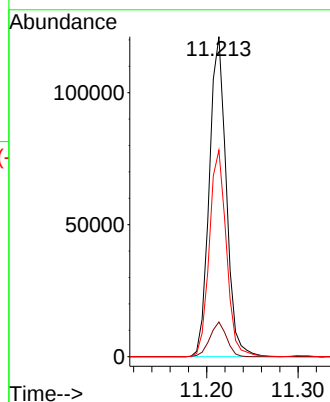
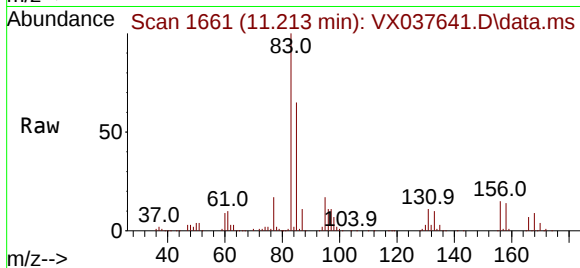
#75
1,1,2,2-Tetrachloroethane
Concen: 49.393 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX037641.D
Acq: 09 Sep 2023 20:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 155878
Ion Ratio Lower Upper
83 100
131 10.7 5.3 15.8
85 64.8 32.0 96.2

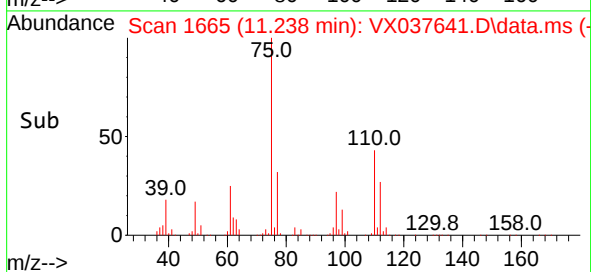
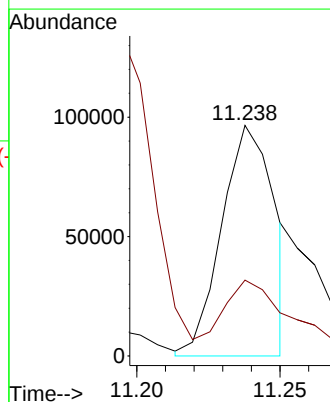
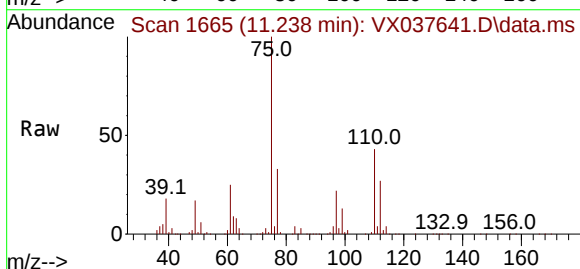
Manual Integrations
APPROVED

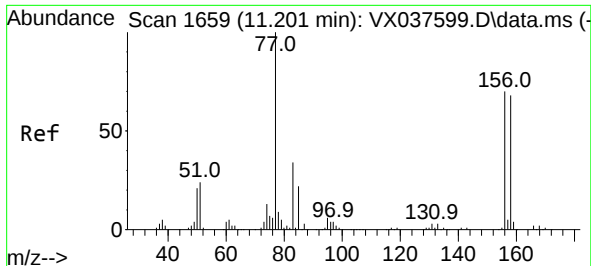
Reviewed By :John Carlone 09/11/2023
Supervised By :Mahesh Dadoda 09/11/2023



#76
1,2,3-Trichloropropane
Concen: 43.829 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX037641.D
Acq: 09 Sep 2023 20:40

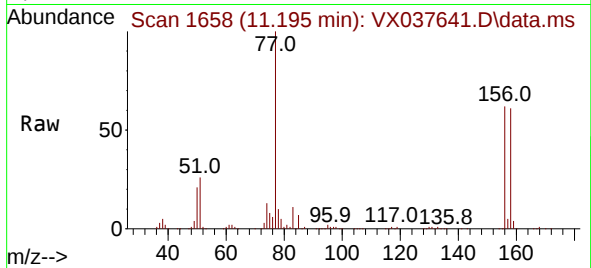
Tgt Ion: 75 Resp: 124048
Ion Ratio Lower Upper
75 100
77 43.6 19.1 57.5





#77
Bromobenzene
Concen: 49.991 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.006 min
Lab File: VX037641.D
Acq: 09 Sep 2023 20:40

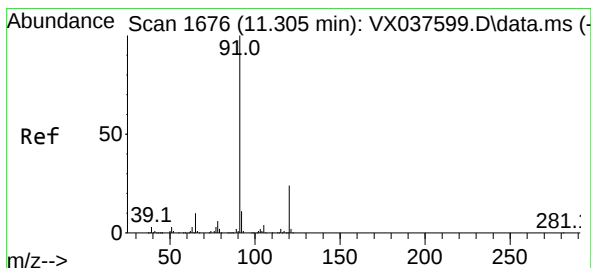
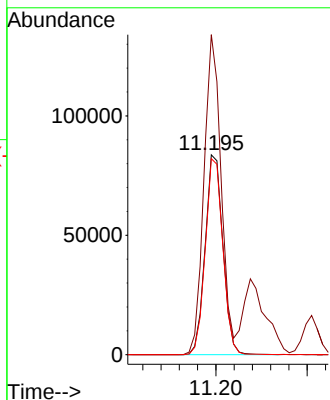
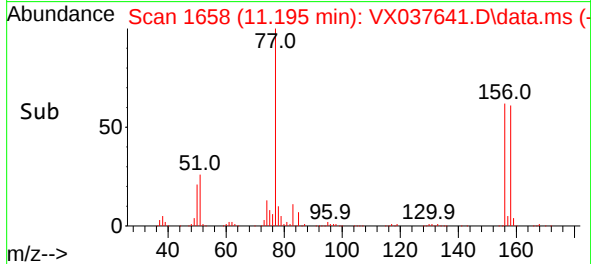
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



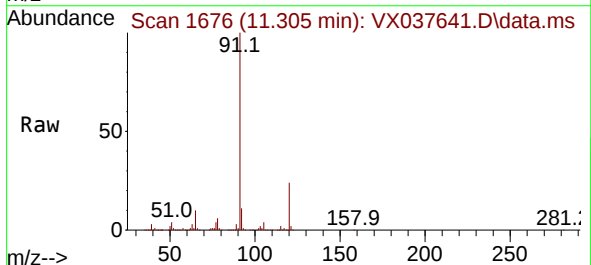
Tgt Ion:156 Resp: 11237
Ion Ratio Lower Upper
156 100
77 154.4 88.4 265.3
158 97.4 48.0 144.0

Manual Integrations
APPROVED

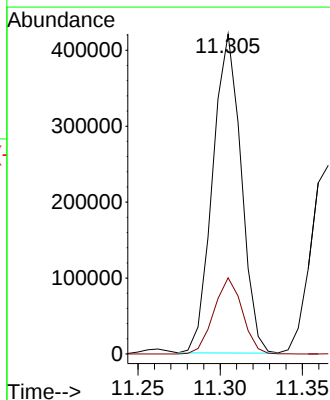
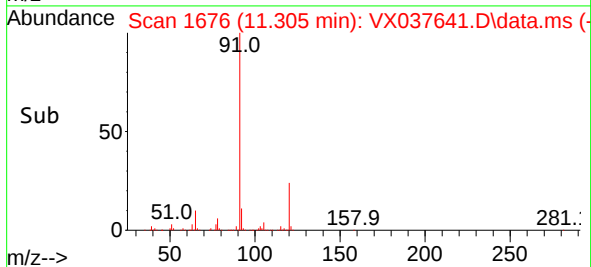
Reviewed By :John Carlone 09/11/2023
Supervised By :Mahesh Dadoda 09/11/2023

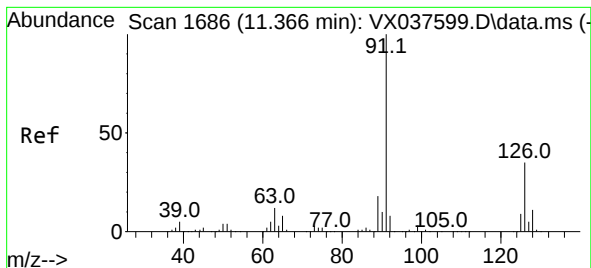


#78
n-propylbenzene
Concen: 50.144 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX037641.D
Acq: 09 Sep 2023 20:40



Tgt Ion: 91 Resp: 506423
Ion Ratio Lower Upper
91 100
120 23.8 11.5 34.4





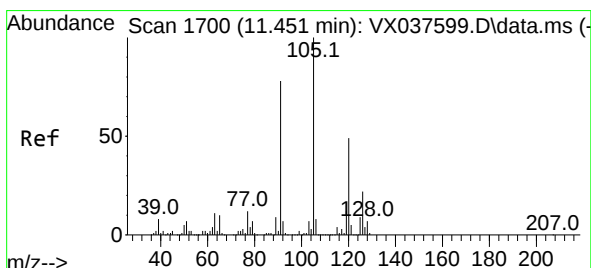
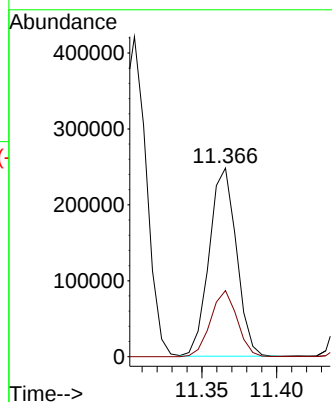
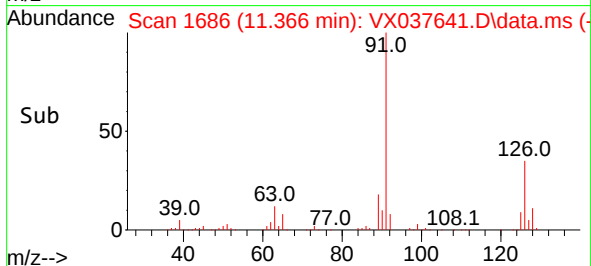
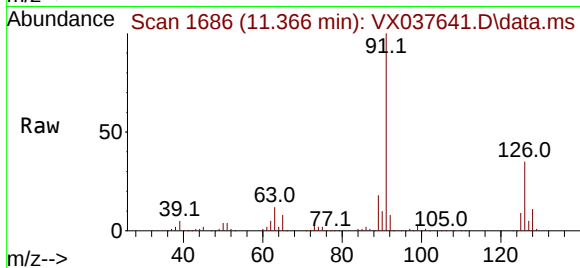
#79
2-Chlorotoluene
Concen: 48.993 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX037641.D
Acq: 09 Sep 2023 20:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 314389
Ion Ratio Lower Upper
91 100
126 34.2 16.3 48.8

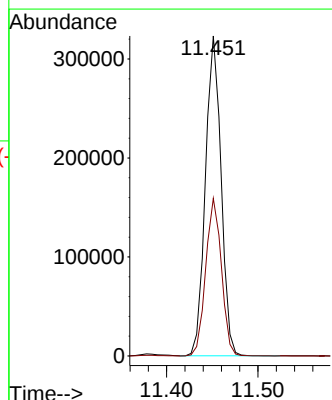
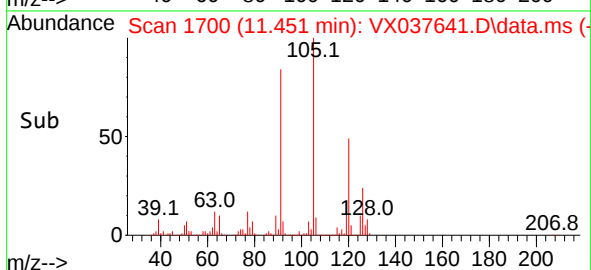
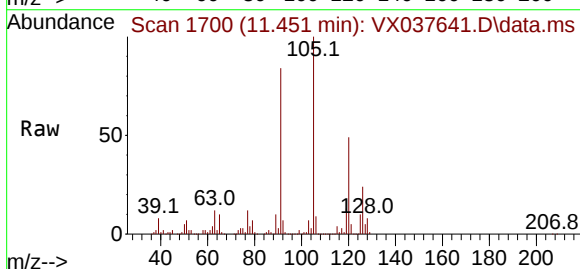
Manual Integrations
APPROVED

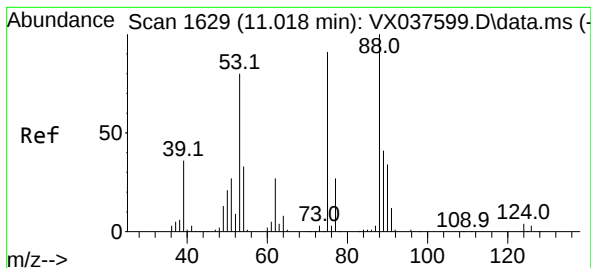
Reviewed By :John Carlone 09/11/2023
Supervised By :Mahesh Dadoda 09/11/2023



#80
1,3,5-Trimethylbenzene
Concen: 49.985 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX037641.D
Acq: 09 Sep 2023 20:40

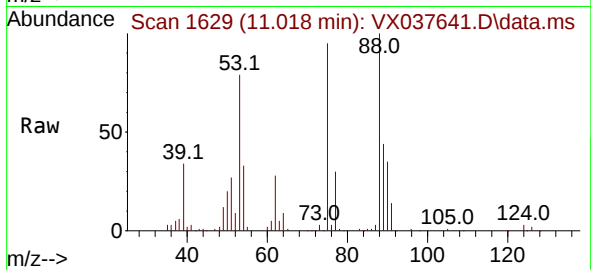
Tgt Ion:105 Resp: 385021
Ion Ratio Lower Upper
105 100
120 49.3 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 45.417 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX037641.D
Acq: 09 Sep 2023 20:40

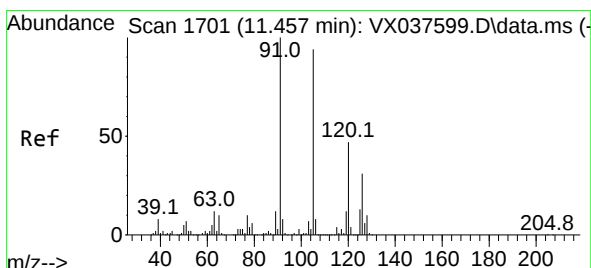
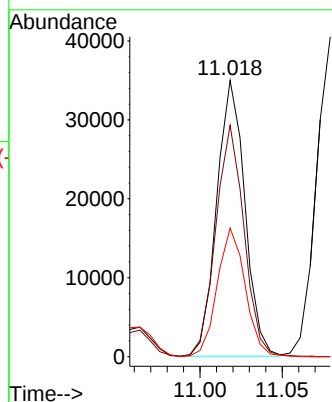
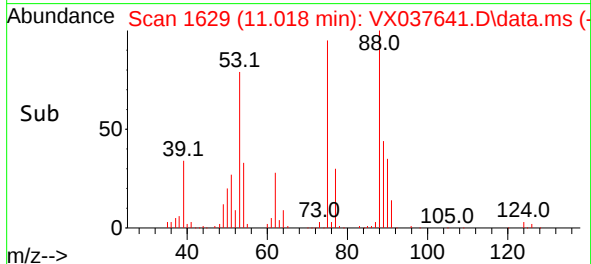
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 41638
Ion Ratio Lower Upper
75 100
53 84.3 90.5 135.7
89 46.3 36.9 55.3

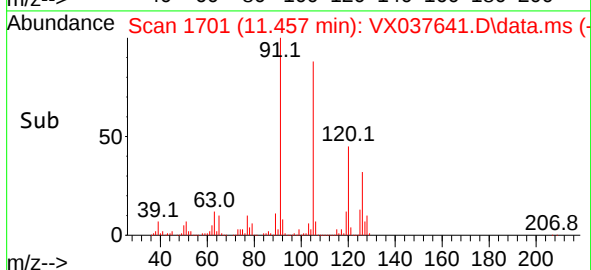
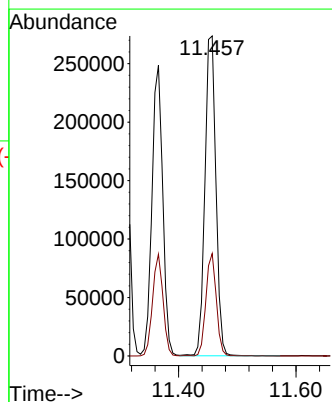
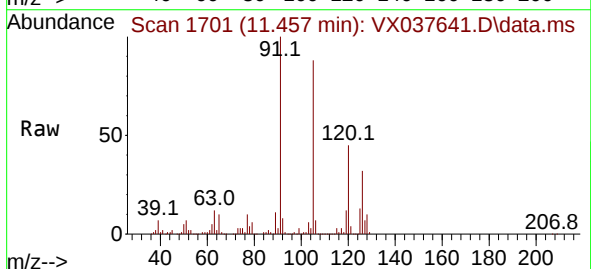
Manual Integrations
APPROVED

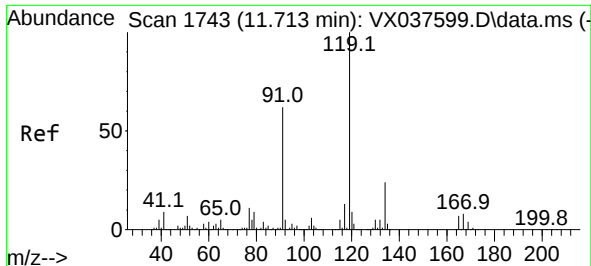
Reviewed By :John Carlone 09/11/2023
Supervised By :Mahesh Dadoda 09/11/2023



#82
4-Chlorotoluene
Concen: 49.312 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VX037641.D
Acq: 09 Sep 2023 20:40

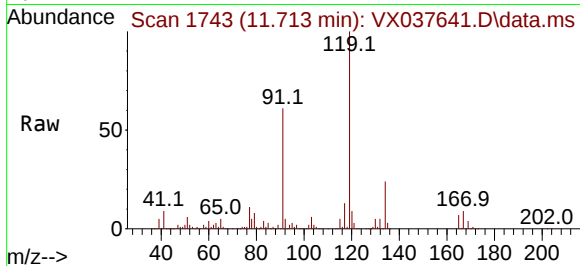
Tgt Ion: 91 Resp: 356801
Ion Ratio Lower Upper
91 100
126 30.4 14.2 42.6





#83
tert-Butylbenzene
Concen: 51.103 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX037641.D
Acq: 09 Sep 2023 20:40

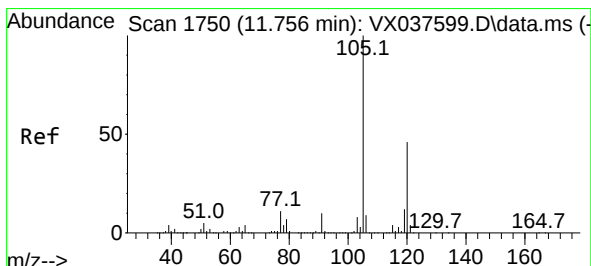
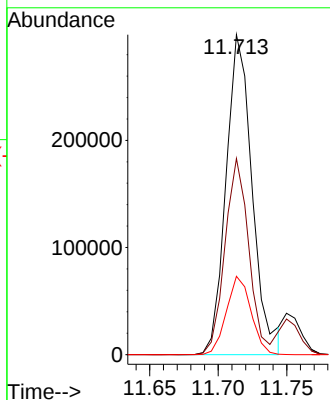
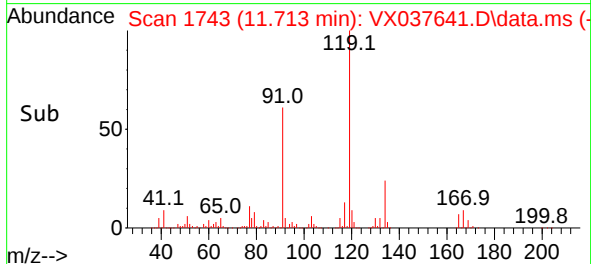
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:119 Resp: 39685
Ion Ratio Lower Upper
119 100
91 56.0 31.2 93.6
134 23.1 11.7 35.0

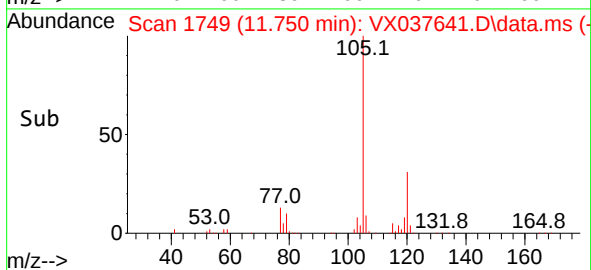
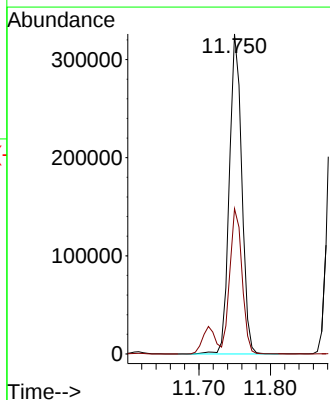
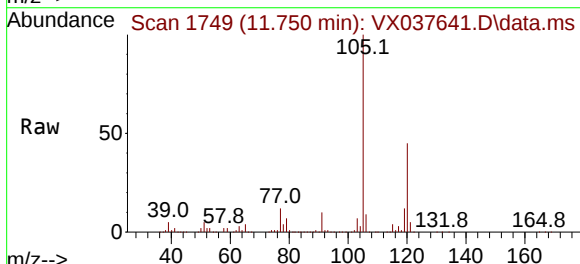
Manual Integrations
APPROVED

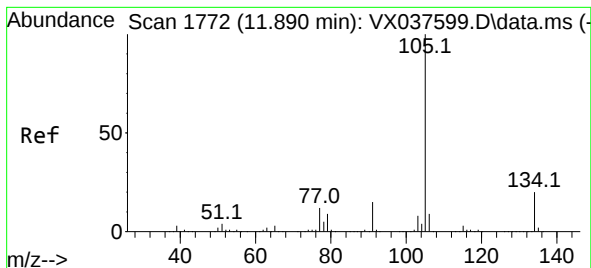
Reviewed By :John Carlone 09/11/2023
Supervised By :Mahesh Dadoda 09/11/2023



#84
1,2,4-Trimethylbenzene
Concen: 50.913 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VX037641.D
Acq: 09 Sep 2023 20:40

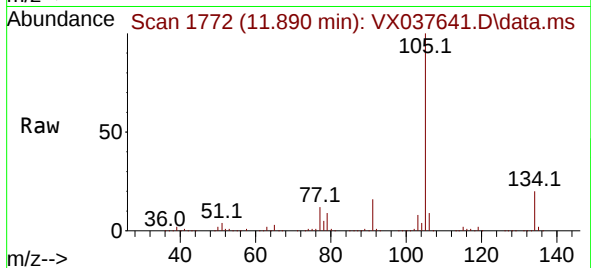
Tgt Ion:105 Resp: 392088
Ion Ratio Lower Upper
105 100
120 44.8 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 50.382 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX037641.D
 Acq: 09 Sep 2023 20:40

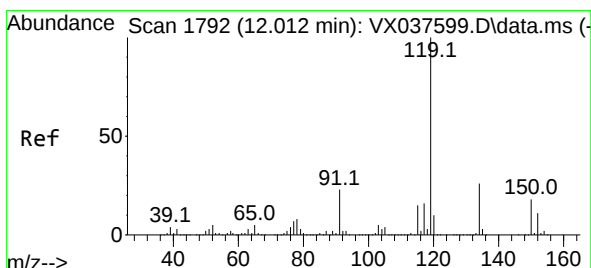
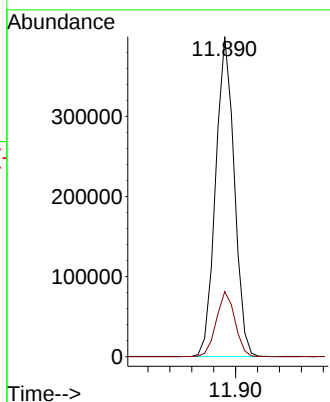
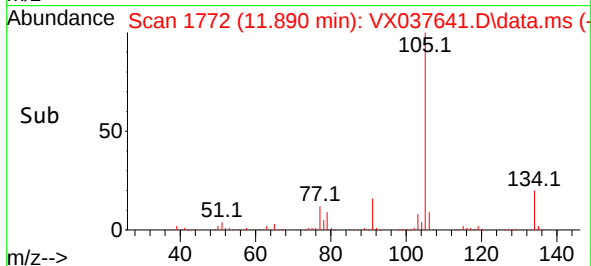
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



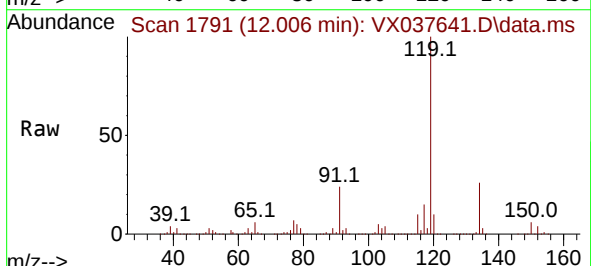
Tgt Ion:105 Resp: 47166
 Ion Ratio Lower Upper
 105 100
 134 20.4 9.8 29.4

Manual Integrations
 APPROVED

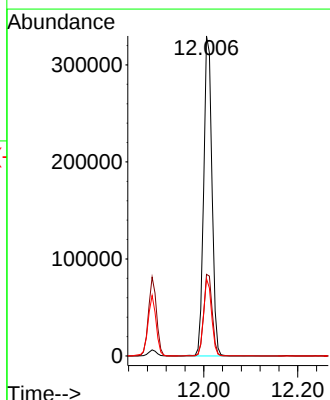
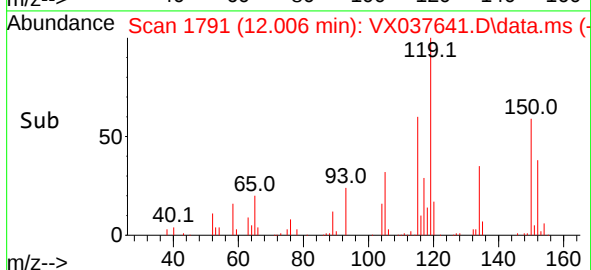
Reviewed By :John Carlone 09/11/2023
 Supervised By :Mahesh Dadoda 09/11/2023

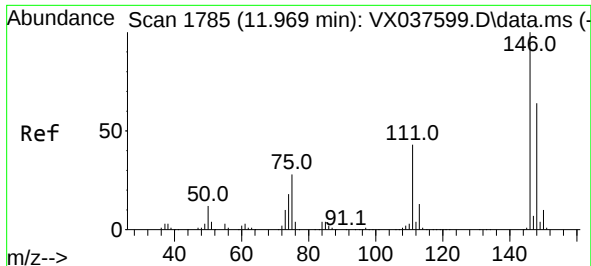


#86
 p-Isopropyltoluene
 Concen: 50.516 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.006 min
 Lab File: VX037641.D
 Acq: 09 Sep 2023 20:40



Tgt Ion:119 Resp: 400518
 Ion Ratio Lower Upper
 119 100
 134 26.1 12.8 38.3
 91 23.4 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 48.983 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX037641.D

Acq: 09 Sep 2023 20:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 209498

Ion Ratio Lower Upper

146 100

111 41.2 22.1 66.1

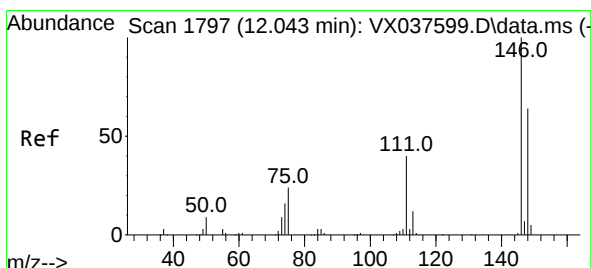
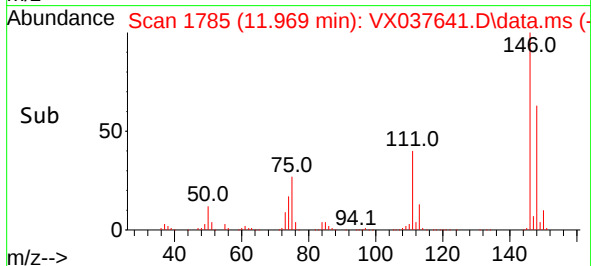
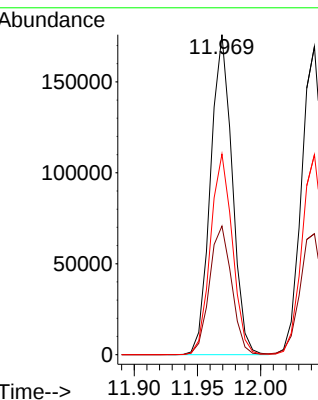
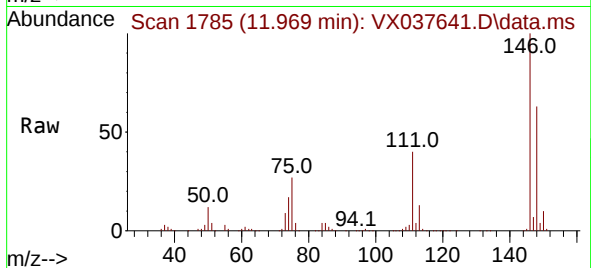
148 63.4 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/11/2023

Supervised By :Mahesh Dadoda 09/11/2023



#88

1,4-Dichlorobenzene

Concen: 47.733 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX037641.D

Acq: 09 Sep 2023 20:40

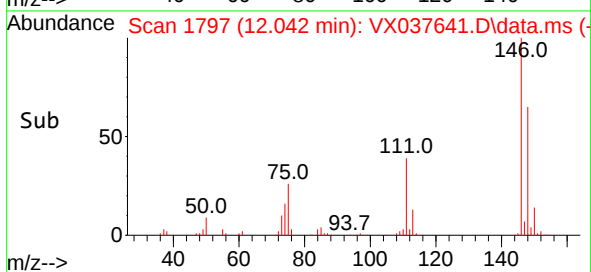
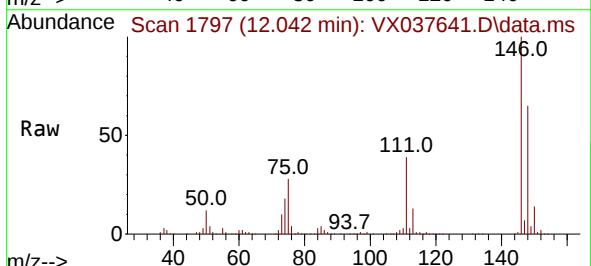
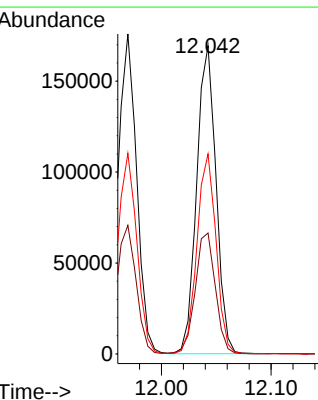
Tgt Ion:146 Resp: 207683

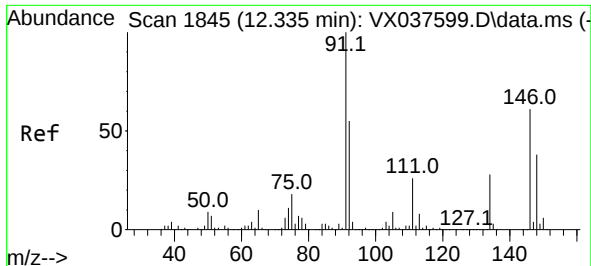
Ion Ratio Lower Upper

146 100

111 40.9 21.3 63.7

148 64.2 31.8 95.4





#89

n-Butylbenzene

Concen: 49.838 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.006 min

Lab File: VX037641.D

Acq: 09 Sep 2023 20:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 32466

Ion Ratio Lower Upper

91 100

92 55.5 27.4 82.0

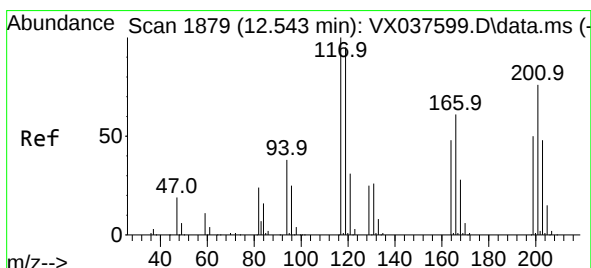
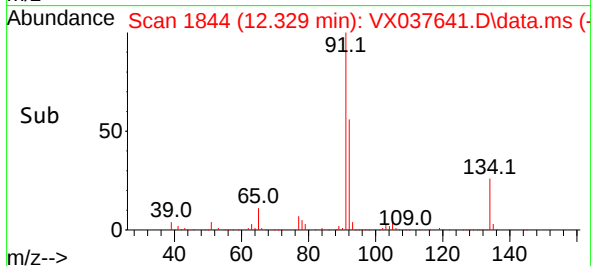
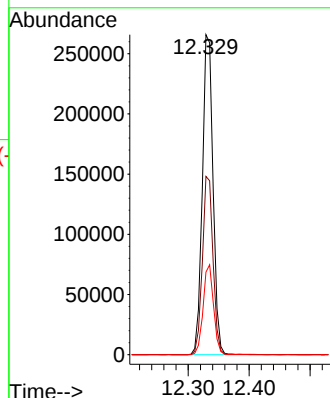
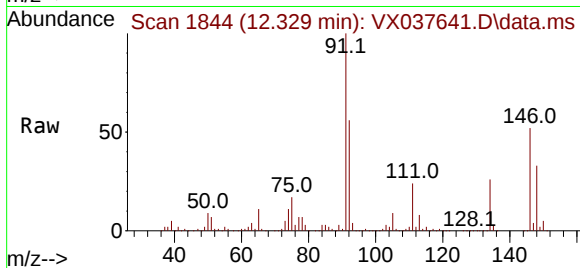
134 27.4 12.6 37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/11/2023

Supervised By :Mahesh Dadoda 09/11/2023



#90

Hexachloroethane

Concen: 52.926 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. -0.006 min

Lab File: VX037641.D

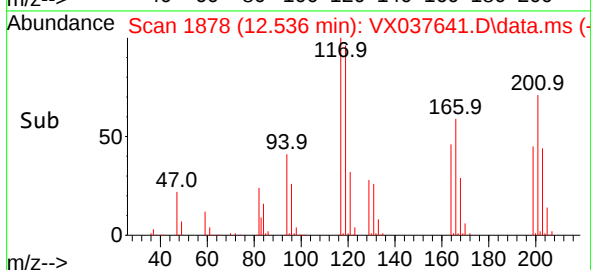
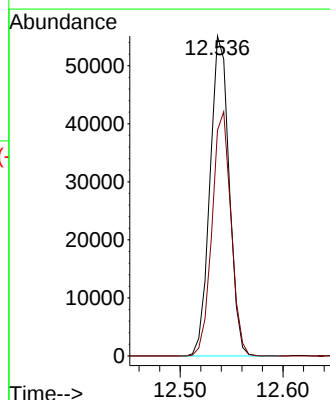
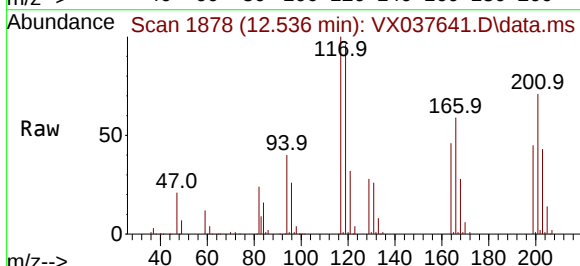
Acq: 09 Sep 2023 20:40

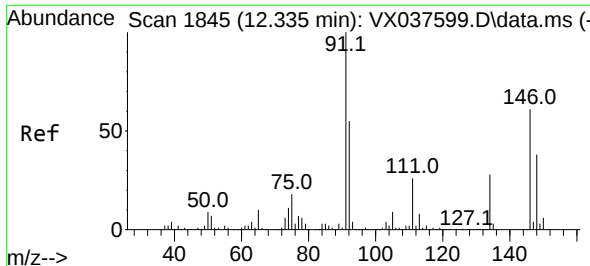
Tgt Ion:117 Resp: 71306

Ion Ratio Lower Upper

117 100

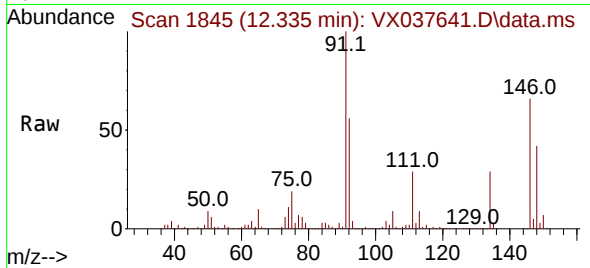
201 75.4 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 48.919 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX037641.D
Acq: 09 Sep 2023 20:40

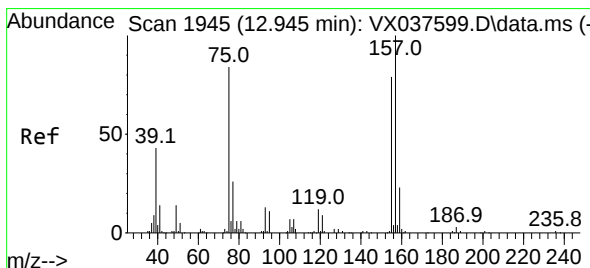
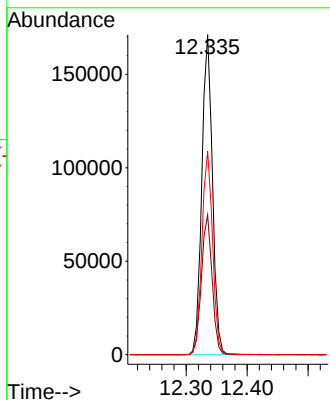
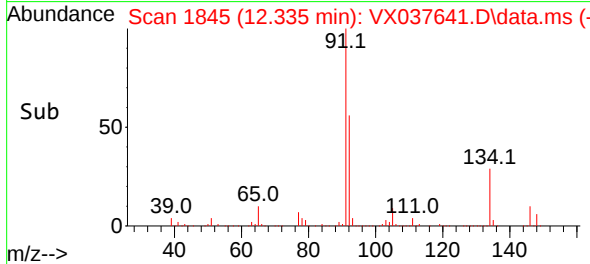
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



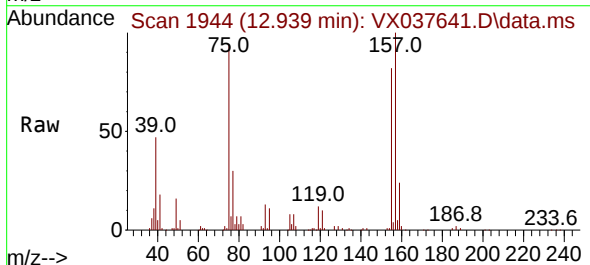
Tgt Ion:146 Resp: 20841
Ion Ratio Lower Upper
146 100
111 43.9 22.4 67.0
148 63.9 31.6 95.0

Manual Integrations
APPROVED

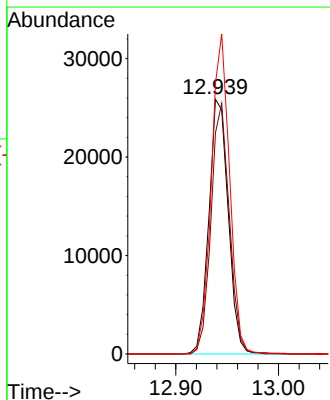
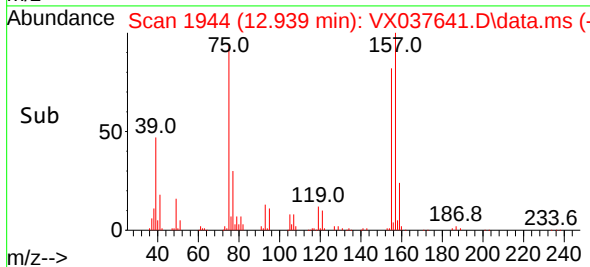
Reviewed By :John Carlone 09/11/2023
Supervised By :Mahesh Dadoda 09/11/2023

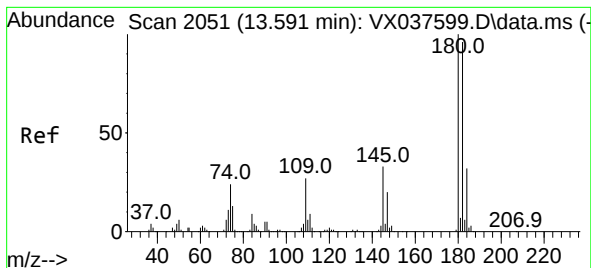


#92
1,2-Dibromo-3-Chloropropane
Concen: 50.314 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.006 min
Lab File: VX037641.D
Acq: 09 Sep 2023 20:40



Tgt Ion: 75 Resp: 33807
Ion Ratio Lower Upper
75 100
155 93.0 36.1 108.5
157 118.8 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 48.522 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.006 min

Lab File: VX037641.D

Acq: 09 Sep 2023 20:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:180 Resp: 12503

Ion Ratio Lower Upper

180 100

182 94.7 48.3 144.8

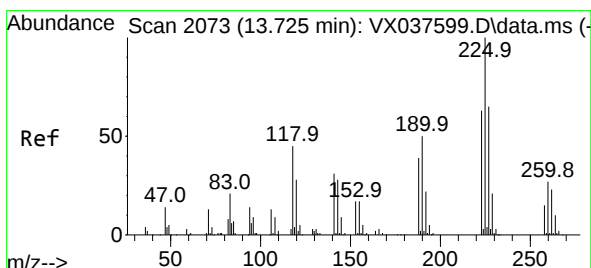
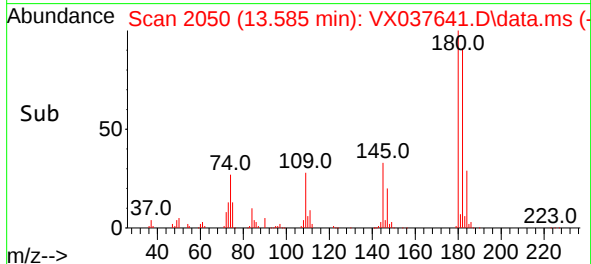
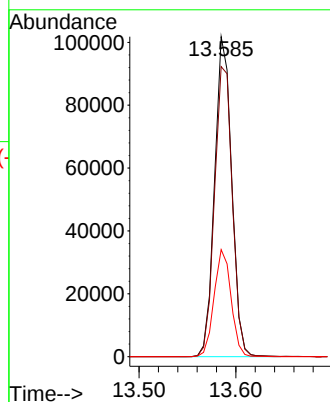
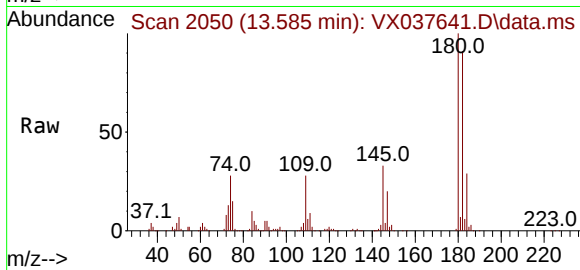
145 33.2 18.0 54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/11/2023

Supervised By :Mahesh Dadoda 09/11/2023



#94

Hexachlorobutadiene

Concen: 47.746 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. -0.000 min

Lab File: VX037641.D

Acq: 09 Sep 2023 20:40

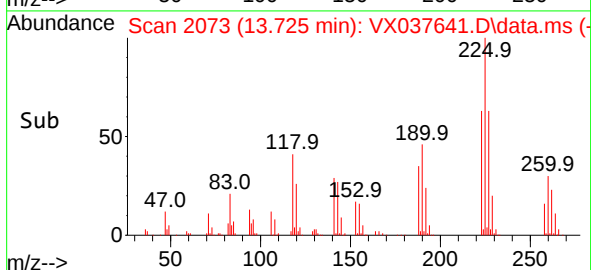
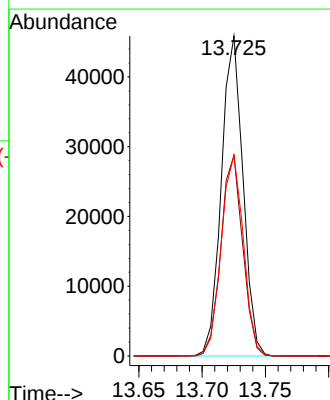
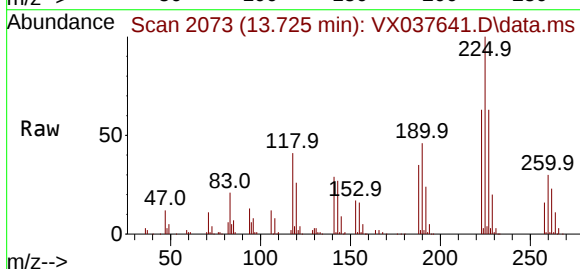
Tgt Ion:225 Resp: 54309

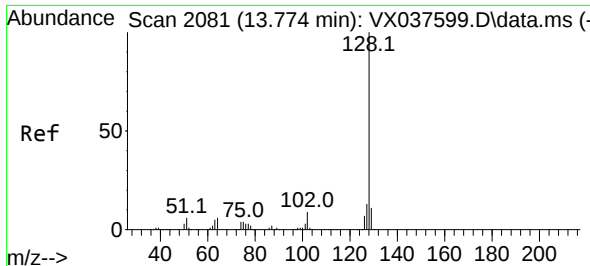
Ion Ratio Lower Upper

225 100

223 63.1 31.1 93.2

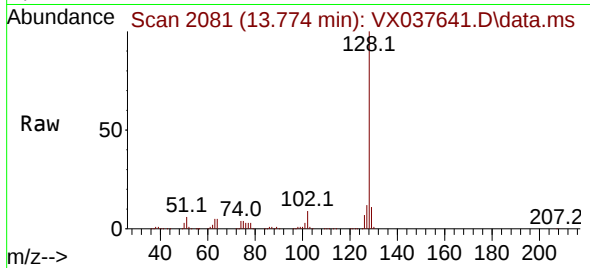
227 64.5 32.5 97.5





#95
Naphthalene
Concen: 50.908 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX037641.D
Acq: 09 Sep 2023 20:40

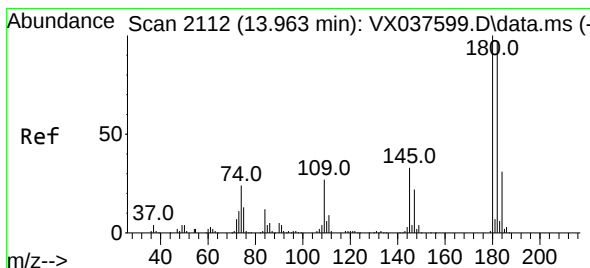
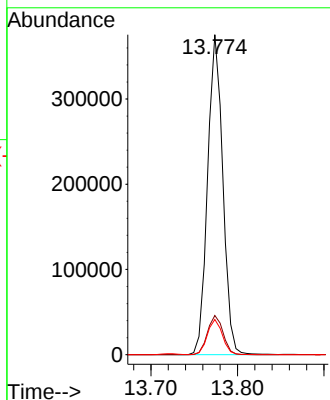
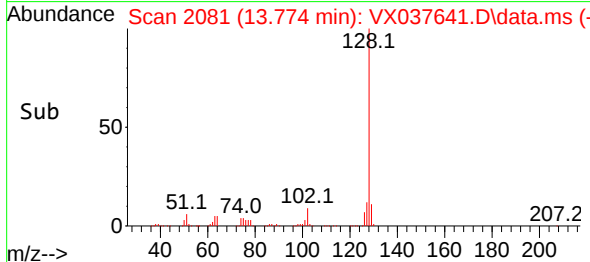
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 45824
Ion Ratio Lower Upper
128 100
127 12.6 10.3 15.5
129 11.0 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/11/2023
Supervised By :Mahesh Dadoda 09/11/2023



#96
1,2,3-Trichlorobenzene
Concen: 48.117 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX037641.D
Acq: 09 Sep 2023 20:40

Tgt Ion:180 Resp: 128072
Ion Ratio Lower Upper
180 100
182 96.7 46.9 140.6
145 34.9 17.8 53.5

