

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051623\
 Data File : VY013765.D
 Acq On : 16 May 2023 17:32
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: May 17 07:52:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	183877	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	285738	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	259883	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	138728	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	112600	55.862	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 111.720%	
35) Dibromofluoromethane	7.716	113	104640	58.225	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 116.460%	
50) Toluene-d8	10.179	98	343161	53.676	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 107.360%	
62) 4-Bromofluorobenzene	12.477	95	132243	61.357	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 122.720%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	90575	51.814	ug/l	99
3) Chloromethane	2.107	50	131457	56.102	ug/l	99
4) Vinyl Chloride	2.247	62	135768	58.192	ug/l	99
5) Bromomethane	2.650	94	107740	57.949	ug/l	99
6) Chloroethane	2.790	64	90133	55.921	ug/l	99
7) Trichlorofluoromethane	3.125	101	195256	55.244	ug/l	100
8) Diethyl Ether	3.521	74	66074	54.898	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.893	101	114565	57.788	ug/l	94
10) Methyl Iodide	4.088	142	121782	48.908	ug/l	99
11) Tert butyl alcohol	4.972	59	54623	240.617	ug/l #	89
12) 1,1-Dichloroethene	3.869	96	102468	53.620	ug/l	89
13) Acrolein	3.723	56	28123	156.364	ug/l	94
14) Allyl chloride	4.472	41	204527	57.680	ug/l	96
15) Acrylonitrile	5.161	53	187670	278.421	ug/l	100
16) Acetone	3.948	43	198831	250.480	ug/l	96
17) Carbon Disulfide	4.192	76	284309	45.800	ug/l	98
18) Methyl Acetate	4.472	43	143555	54.755	ug/l	92
19) Methyl tert-butyl Ether	5.216	73	318552	57.740	ug/l	99
20) Methylene Chloride	4.710	84	137060	56.103	ug/l #	86
21) trans-1,2-Dichloroethene	5.210	96	117546	56.257	ug/l	92
22) Diisopropyl ether	6.112	45	450946	65.065	ug/l #	95
23) Vinyl Acetate	6.058	43	1324436	337.512	ug/l	95
24) 1,1-Dichloroethane	6.009	63	236821	61.310	ug/l	99
25) 2-Butanone	6.978	43	270490	268.686	ug/l	92
26) 2,2-Dichloropropane	6.972	77	199664	59.987	ug/l	99
27) cis-1,2-Dichloroethene	6.978	96	137942	59.752	ug/l	92
28) Bromochloromethane	7.332	49	85045	62.044	ug/l #	76
29) Tetrahydrofuran	7.344	42	169068	269.793	ug/l	91
30) Chloroform	7.502	83	237017	61.715	ug/l	99
31) Cyclohexane	7.783	56	196249	54.378	ug/l	89
32) 1,1,1-Trichloroethane	7.697	97	204538	59.683	ug/l	97
36) 1,1-Dichloropropene	7.917	75	173971	58.328	ug/l	96
37) Ethyl Acetate	7.070	43	120901	53.865	ug/l	96
38) Carbon Tetrachloride	7.899	117	181866	58.176	ug/l	97
39) Methylcyclohexane	9.179	83	203228	57.797	ug/l	95
40) Benzene	8.155	78	498579	59.342	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	66417	63.500	ug/l	92
42) 1,2-Dichloroethane	8.234	62	162256	59.071	ug/l	99
43) Isopropyl Acetate	8.271	43	219731	57.999	ug/l	96
44) Trichloroethene	8.935	130	127905	57.232	ug/l	95
45) 1,2-Dichloropropane	9.216	63	137405	62.549	ug/l	100
46) Dibromomethane	9.301	93	76480	58.186	ug/l	95
47) Bromodichloromethane	9.496	83	185185	62.964	ug/l	98
48) Methyl methacrylate	9.289	41	103181	59.301	ug/l	91
49) 1,4-Dioxane	9.307	88	19147	1019.953	ug/l #	83
51) 4-Methyl-2-Pentanone	10.069	43	609443	288.678	ug/l	95
52) Toluene	10.240	92	312119	61.733	ug/l	100
53) t-1,3-Dichloropropene	10.459	75	190538	61.212	ug/l	97
54) cis-1,3-Dichloropropene	9.923	75	213947	61.083	ug/l	95
55) 1,1,2-Trichloroethane	10.642	97	103574	59.503	ug/l	93
56) Ethyl methacrylate	10.508	69	149375	61.856	ug/l	89
57) 1,3-Dichloropropane	10.788	76	179352	60.839	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.782	63	252157	278.458	ug/l	92
59) 2-Hexanone	10.831	43	429497	279.869	ug/l	96
60) Dibromochloromethane	10.983	129	128141	60.628	ug/l	99
61) 1,2-Dibromoethane	11.087	107	102667	59.992	ug/l	98
64) Tetrachloroethene	10.715	164	109060	55.188	ug/l	94
65) Chlorobenzene	11.514	112	327504	57.850	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	128671	60.772	ug/l	100
67) Ethyl Benzene	11.587	91	606379	60.997	ug/l	98
68) m/p-Xylenes	11.697	106	456898	120.899	ug/l	97
69) o-Xylene	12.026	106	218125	61.029	ug/l	97
70) Styrene	12.038	104	373650	62.524	ug/l	100
71) Bromoform	12.203	173	87727	59.153	ug/l #	99
73) Isopropylbenzene	12.325	105	586695	55.914	ug/l	98
74) N-amyl acetate	12.142	43	202843	54.323	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.575	83	136472	53.211	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	170882	91.336	ug/l #	100
77) Bromobenzene	12.605	156	138424	54.445	ug/l	91
78) n-propylbenzene	12.666	91	730300	56.506	ug/l	96
79) 2-Chlorotoluene	12.751	91	406338	56.300	ug/l	97
80) 1,3,5-Trimethylbenzene	12.806	105	486995	56.864	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.373	75	47321	51.738	ug/l	96
82) 4-Chlorotoluene	12.849	91	418130	55.584	ug/l	97
83) tert-Butylbenzene	13.075	119	437312	58.939	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	486261	58.399	ug/l	99
85) sec-Butylbenzene	13.251	105	648562	58.242	ug/l	98
86) p-Isopropyltoluene	13.367	119	524905	58.616	ug/l	100
87) 1,3-Dichlorobenzene	13.361	146	273742	56.514	ug/l	100
88) 1,4-Dichlorobenzene	13.440	146	270240	55.230	ug/l	99
89) n-Butylbenzene	13.690	91	522016	59.725	ug/l	98
90) Hexachloroethane	13.959	117	105673	56.068	ug/l	95
91) 1,2-Dichlorobenzene	13.739	146	248729	56.864	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	22302	49.236	ug/l	93
93) 1,2,4-Trichlorobenzene	15.001	180	154877	59.388	ug/l	96
94) Hexachlorobutadiene	15.111	225	92670	61.058	ug/l	99
95) Naphthalene	15.233	128	311723	55.091	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	135499	58.295	ug/l	98

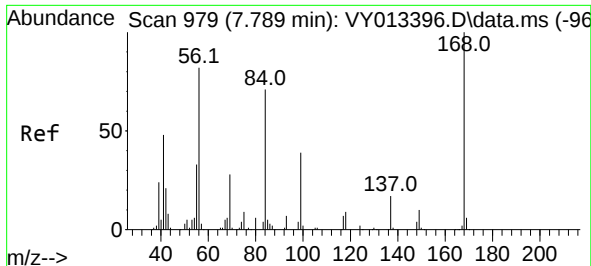
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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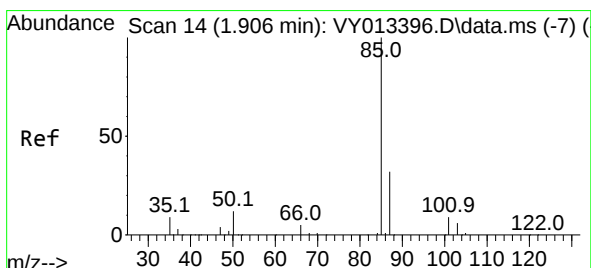
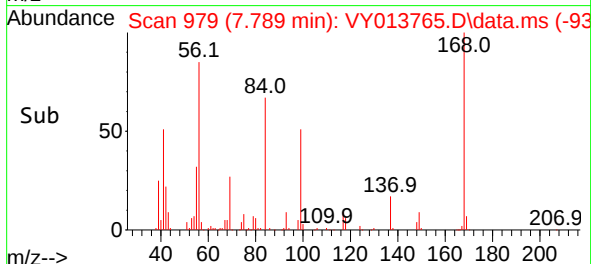
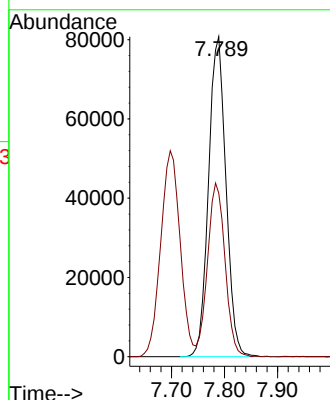
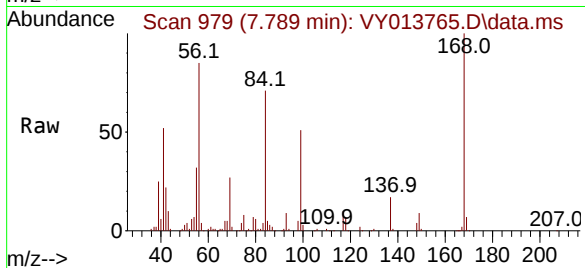
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
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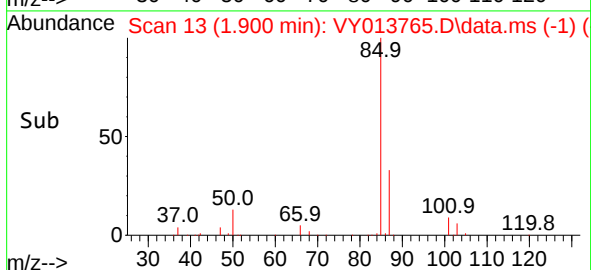
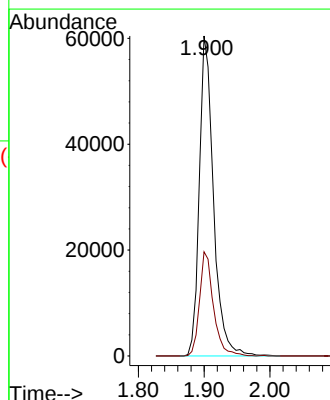
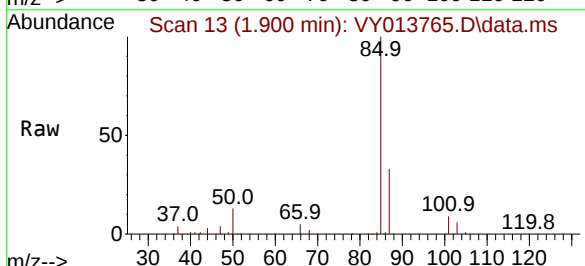
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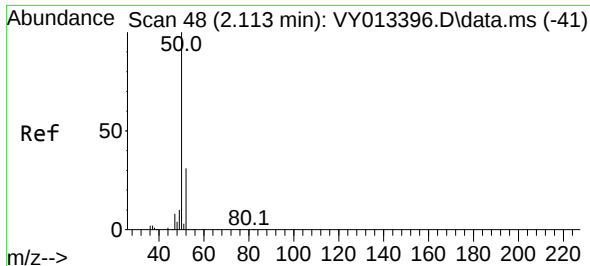
Tgt Ion:168 Resp: 183877
Ion Ratio Lower Upper
168 100
99 51.1 41.8 62.6



#2
Dichlorodifluoromethane
Concen: 51.814 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.006 min
Lab File: VY013765.D
Acq: 16 May 2023 17:32

Tgt Ion: 85 Resp: 90575
Ion Ratio Lower Upper
85 100
87 32.6 16.1 48.2

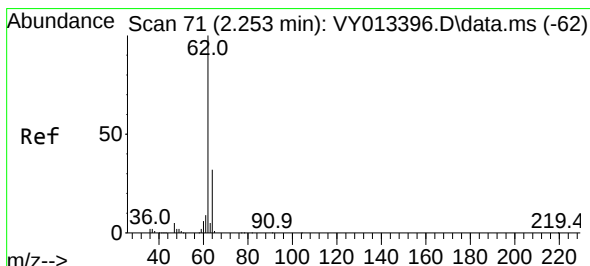
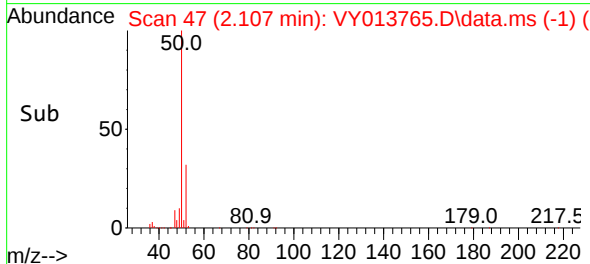
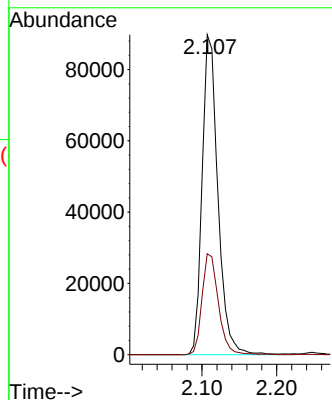
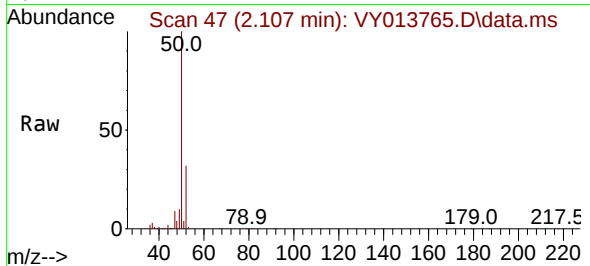




#3
Chloromethane
Concen: 56.102 ug/l
RT: 2.107 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY013765.D
Acq: 16 May 2023 17:32

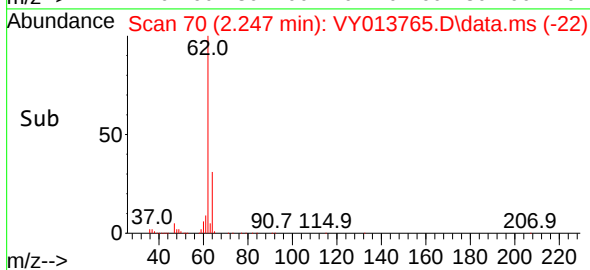
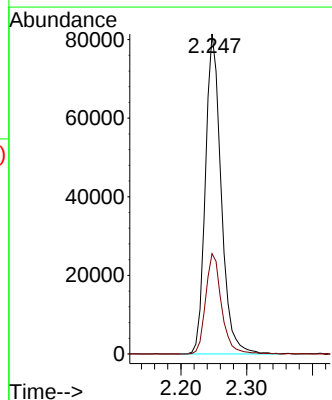
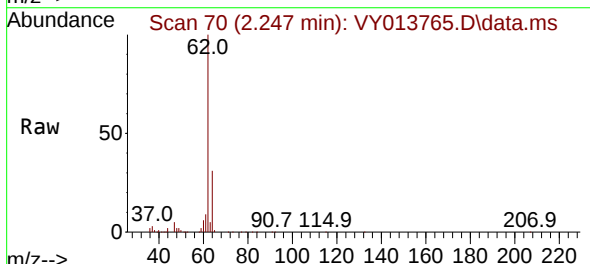
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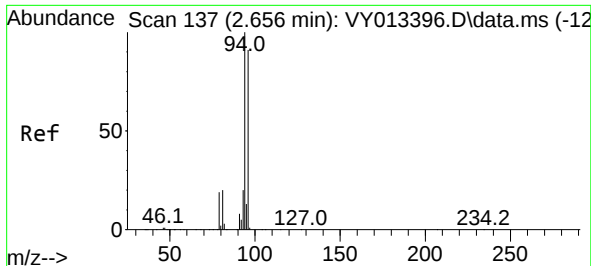
Tgt Ion: 50 Resp: 131457
Ion Ratio Lower Upper
50 100
52 31.6 25.9 38.9



#4
Vinyl Chloride
Concen: 58.192 ug/l
RT: 2.247 min Scan# 70
Delta R.T. -0.006 min
Lab File: VY013765.D
Acq: 16 May 2023 17:32

Tgt Ion: 62 Resp: 135768
Ion Ratio Lower Upper
62 100
64 31.4 25.4 38.0

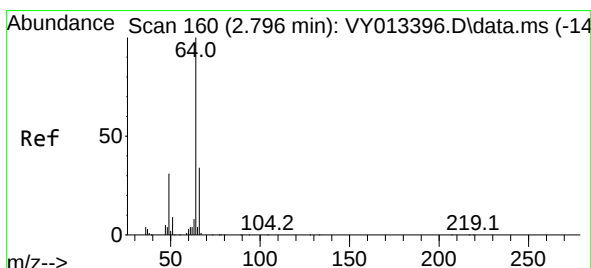
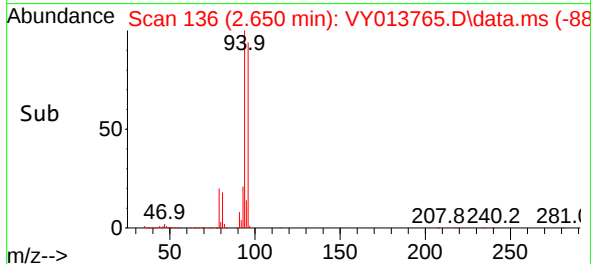
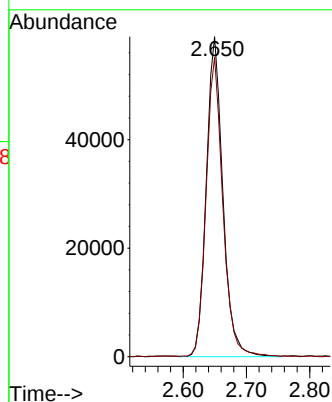
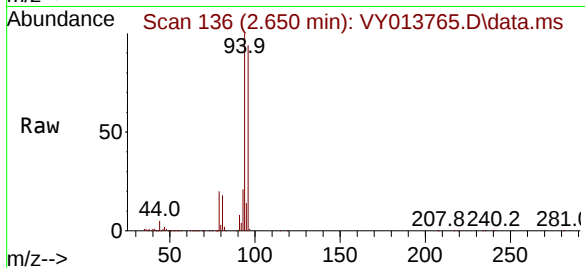




#5
Bromomethane
Concen: 57.949 ug/l
RT: 2.650 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY013765.D
Acq: 16 May 2023 17:32

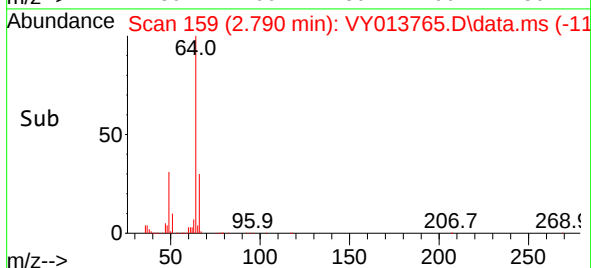
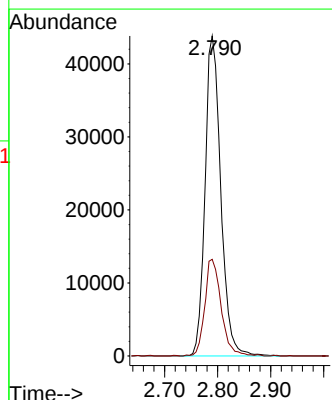
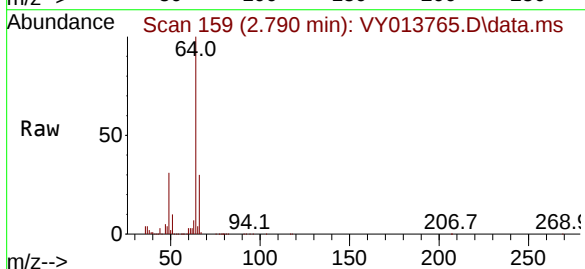
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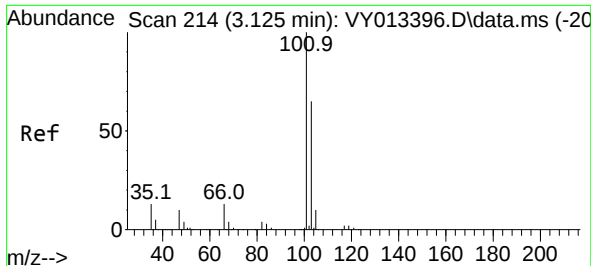
Tgt Ion: 94 Resp: 107740
Ion Ratio Lower Upper
94 100
96 93.5 74.2 111.2



#6
Chloroethane
Concen: 55.921 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.000 min
Lab File: VY013765.D
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Tgt Ion: 64 Resp: 90133
Ion Ratio Lower Upper
64 100
66 30.2 24.6 37.0

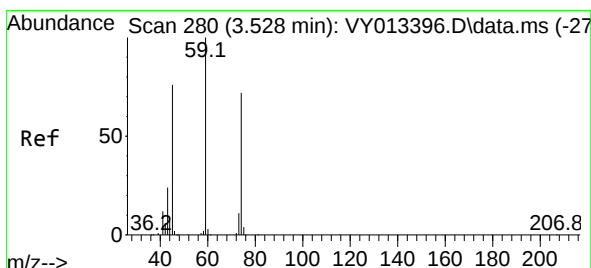
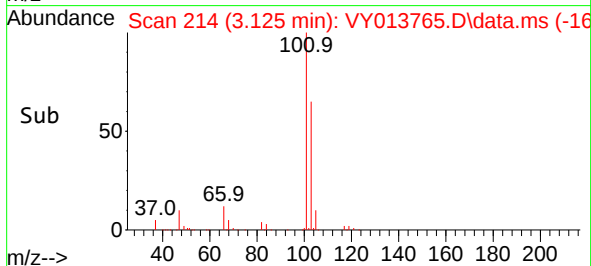
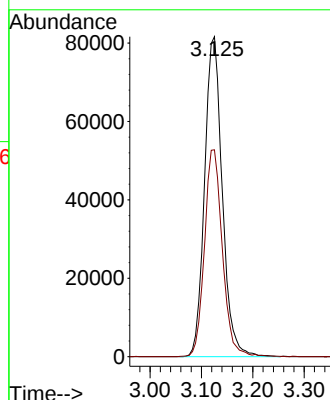
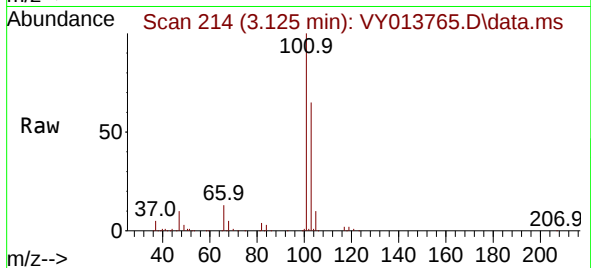




#7
 Trichlorofluoromethane
 Concen: 55.244 ug/l
 RT: 3.125 min Scan# 214
 Delta R.T. 0.000 min
 Lab File: VY013765.D
 Acq: 16 May 2023 17:32

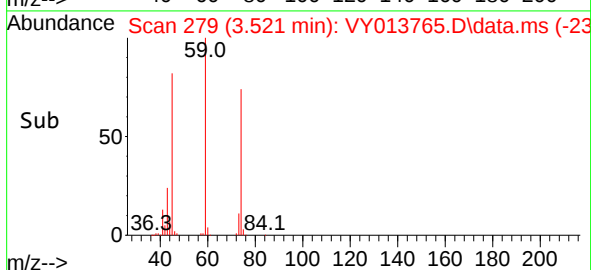
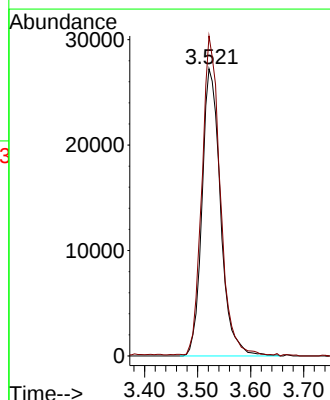
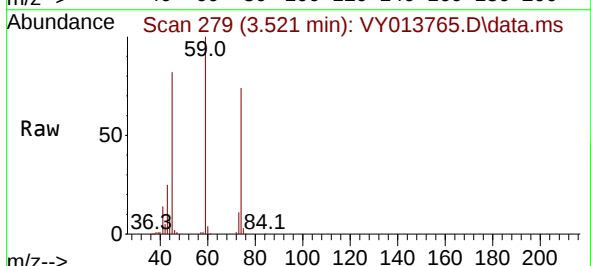
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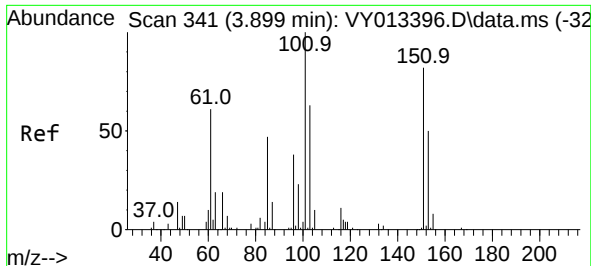
Tgt Ion:101 Resp: 195256
 Ion Ratio Lower Upper
 101 100
 103 64.6 51.6 77.4



#8
 Diethyl Ether
 Concen: 54.898 ug/l
 RT: 3.521 min Scan# 279
 Delta R.T. -0.006 min
 Lab File: VY013765.D
 Acq: 16 May 2023 17:32

Tgt Ion: 74 Resp: 66074
 Ion Ratio Lower Upper
 74 100
 45 109.7 48.2 144.6

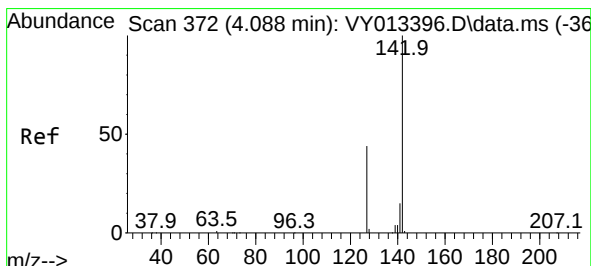
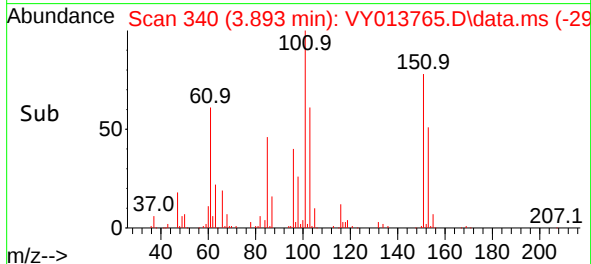
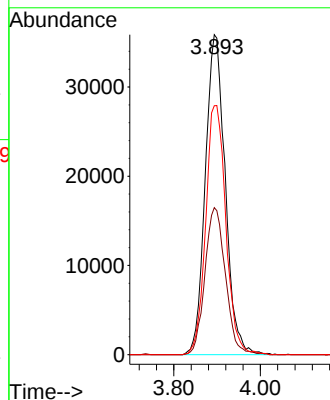
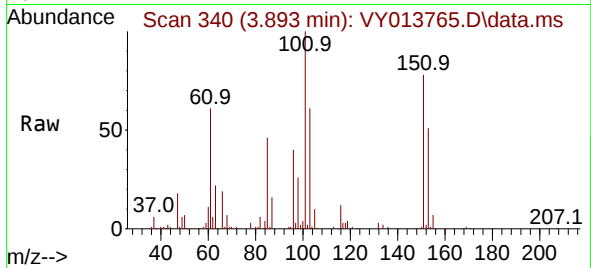




#9
1,1,2-Trichlorotrifluoroethane
Concen: 57.788 ug/l
RT: 3.893 min Scan# 341
Delta R.T. 0.000 min
Lab File: VY013765.D
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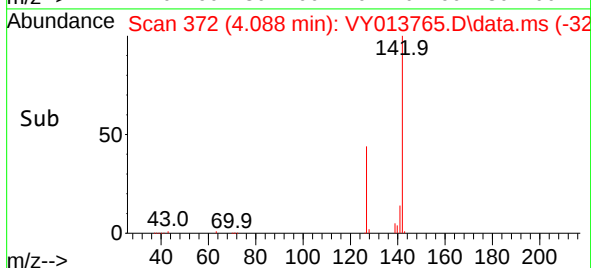
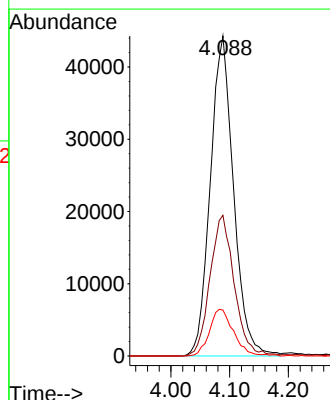
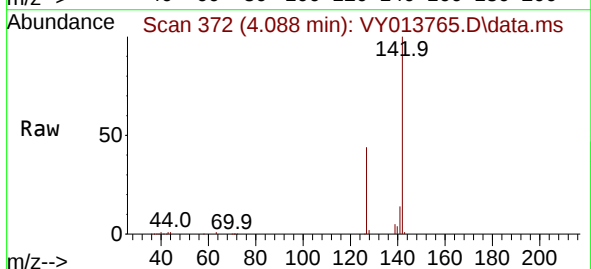
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

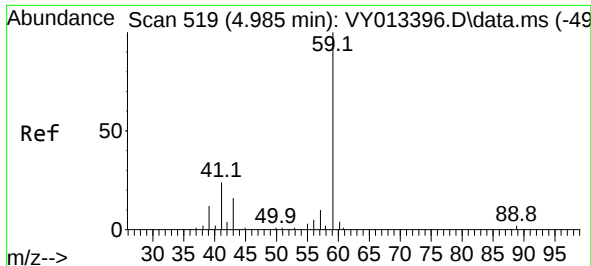
Tgt Ion:101 Resp: 114565
Ion Ratio Lower Upper
101 100
85 47.3 35.6 53.4
151 78.9 68.0 102.0



#10
Methyl Iodide
Concen: 48.908 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.000 min
Lab File: VY013765.D
Acq: 16 May 2023 17:32

Tgt Ion:142 Resp: 121782
Ion Ratio Lower Upper
142 100
127 45.9 36.1 54.1
141 15.2 11.6 17.4

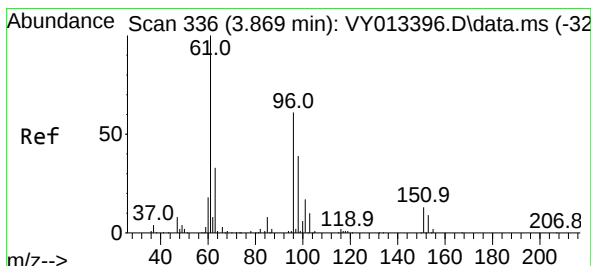
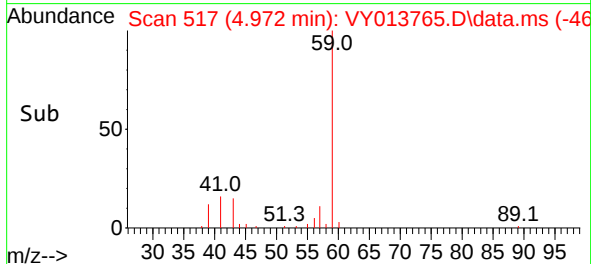
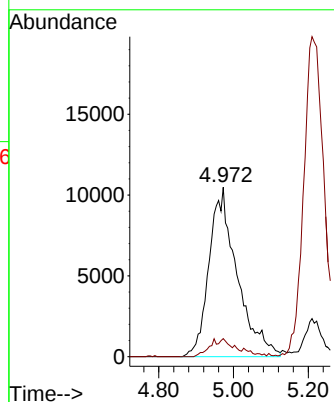
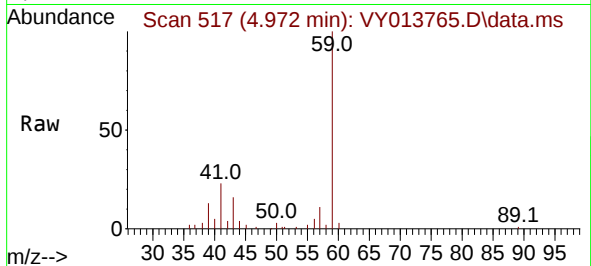




#11
Tert butyl alcohol
Concen: 240.617 ug/l
RT: 4.972 min Scan# 519
Delta R.T. -0.006 min
Lab File: VY013765.D
Acq: 16 May 2023 17:32

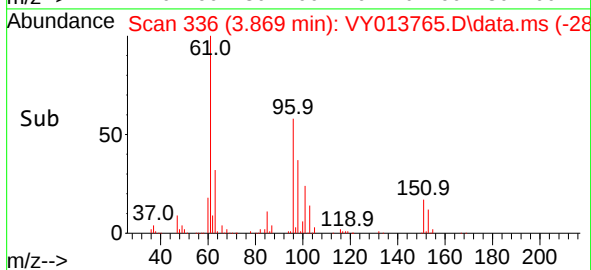
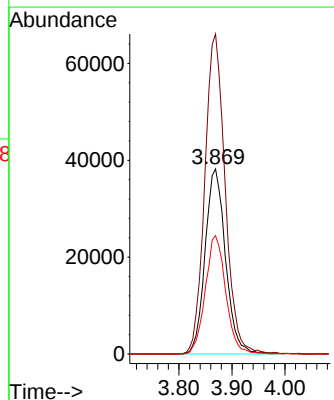
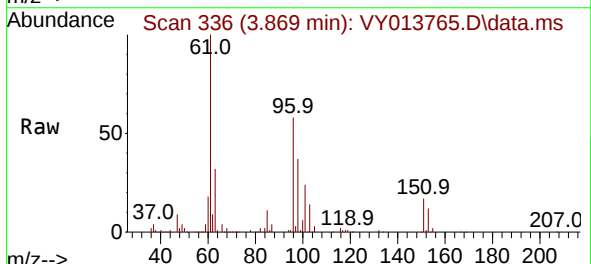
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

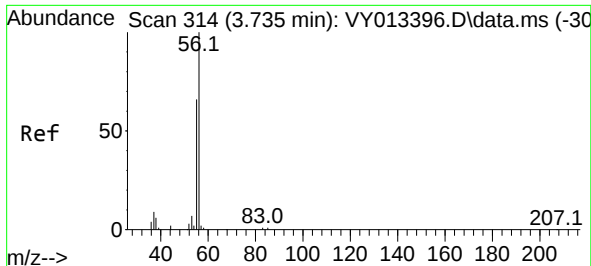
Tgt Ion: 59 Resp: 54623
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 53.620 ug/l
RT: 3.869 min Scan# 336
Delta R.T. -0.000 min
Lab File: VY013765.D
Acq: 16 May 2023 17:32

Tgt Ion: 96 Resp: 102468
Ion Ratio Lower Upper
96 100
61 173.0 123.9 185.9
98 64.0 48.9 73.3

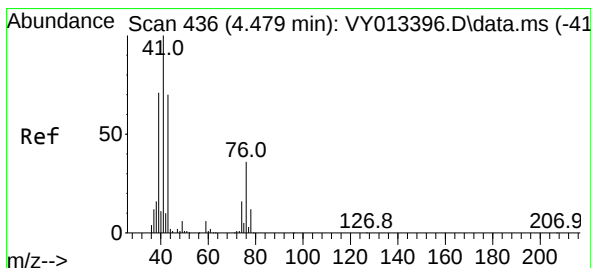
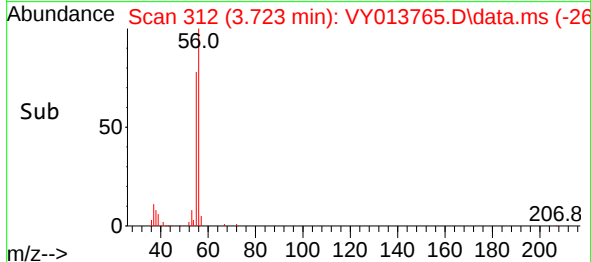
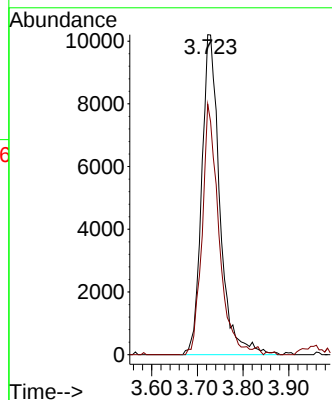
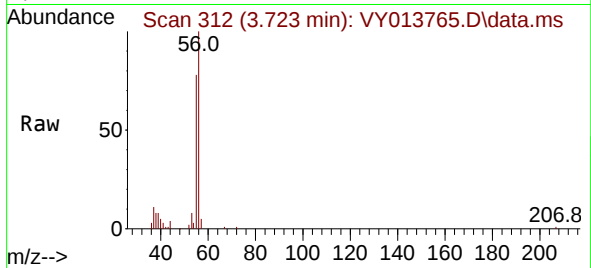




#13
Acrolein
Concen: 156.364 ug/l
RT: 3.723 min Scan# 314
Delta R.T. -0.006 min
Lab File: VY013765.D
Acq: 16 May 2023 17:32

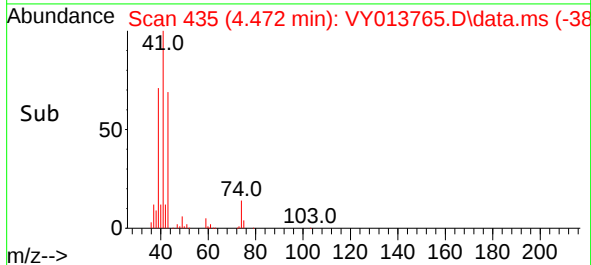
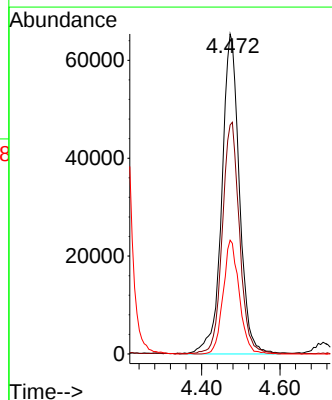
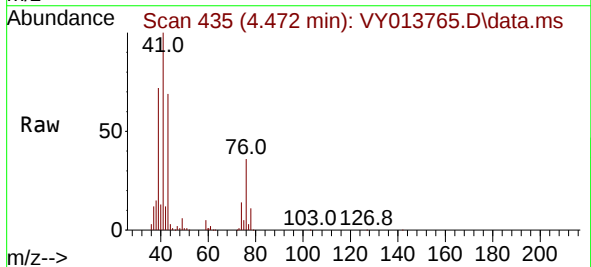
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

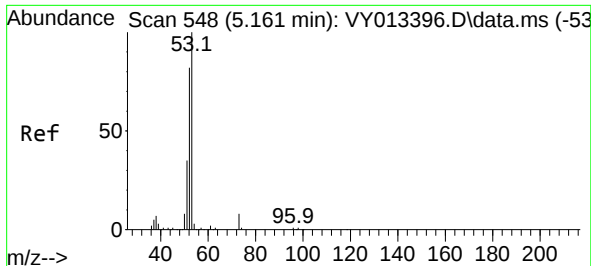
Tgt Ion: 56 Resp: 28123
Ion Ratio Lower Upper
56 100
55 72.1 54.1 81.1



#14
Allyl chloride
Concen: 57.680 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.006 min
Lab File: VY013765.D
Acq: 16 May 2023 17:32

Tgt Ion: 41 Resp: 204527
Ion Ratio Lower Upper
41 100
39 70.1 56.6 85.0
76 32.6 30.5 45.7

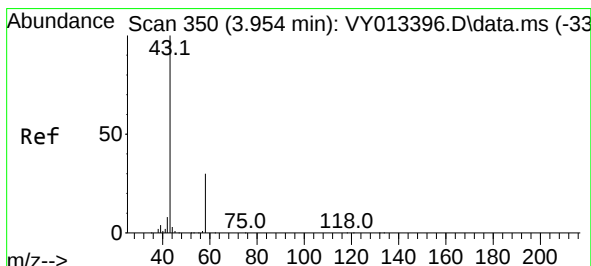
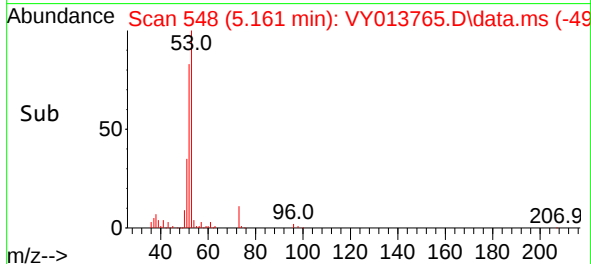
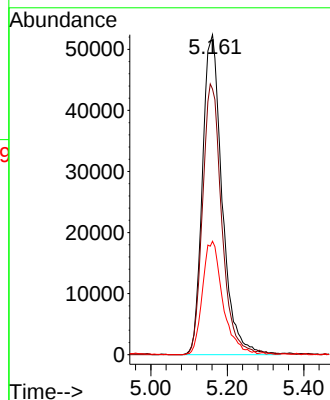
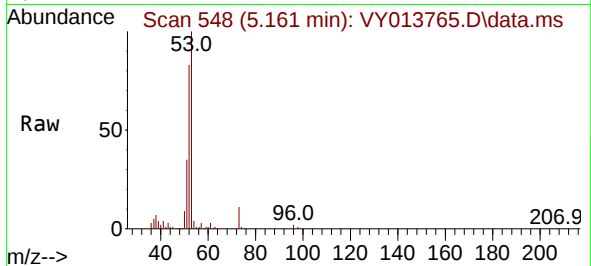




#15
Acrylonitrile
Concen: 278.421 ug/l
RT: 5.161 min Scan# 54
Delta R.T. 0.000 min
Lab File: VY013765.D
Acq: 16 May 2023 17:32

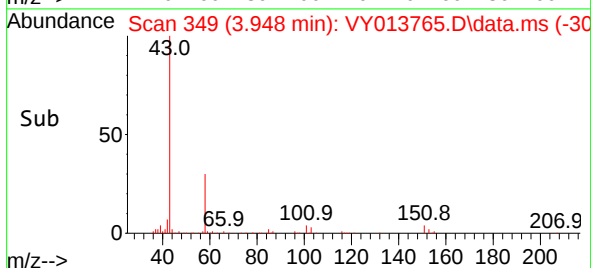
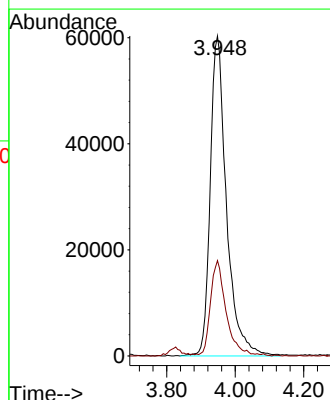
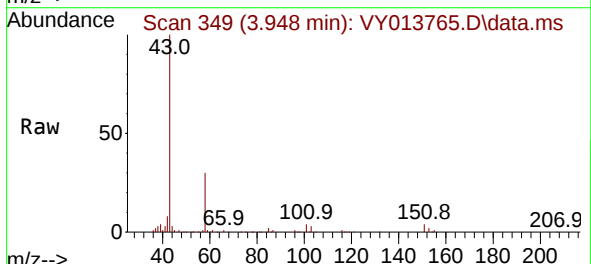
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

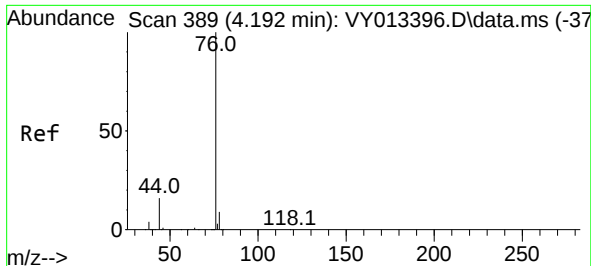
Tgt Ion: 53 Resp: 187670
Ion Ratio Lower Upper
53 100
52 82.0 65.4 98.0
51 36.8 29.3 43.9



#16
Acetone
Concen: 250.480 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY013765.D
Acq: 16 May 2023 17:32

Tgt Ion: 43 Resp: 198831
Ion Ratio Lower Upper
43 100
58 29.7 25.4 38.0

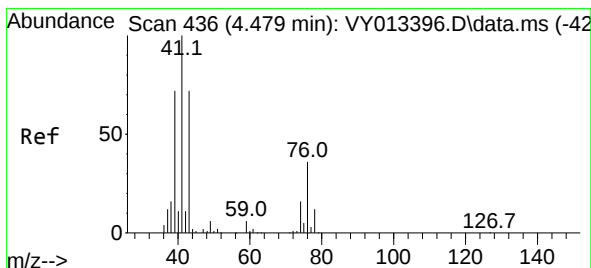
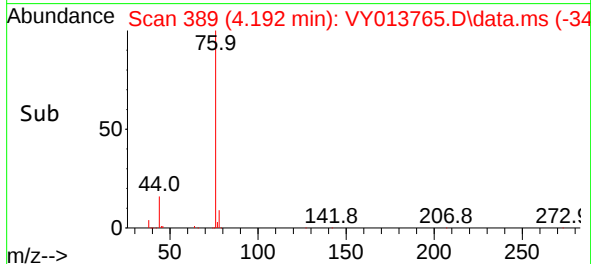
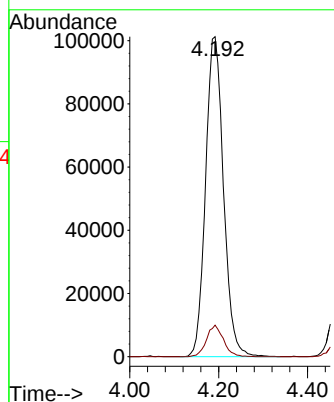
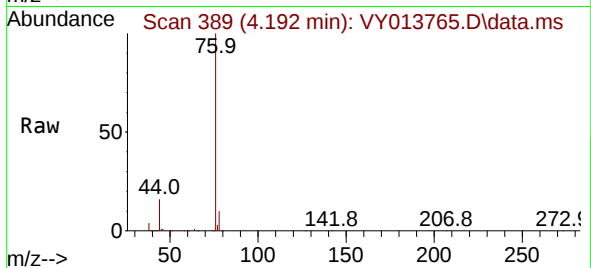




#17
Carbon Disulfide
Concen: 45.800 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.000 min
Lab File: VY013765.D
Acq: 16 May 2023 17:32

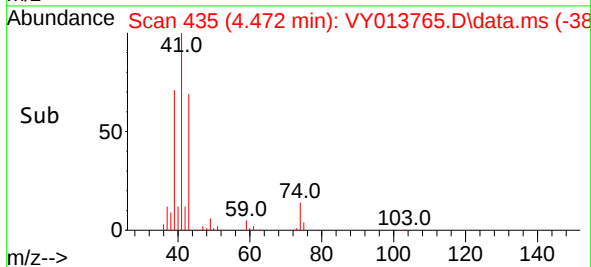
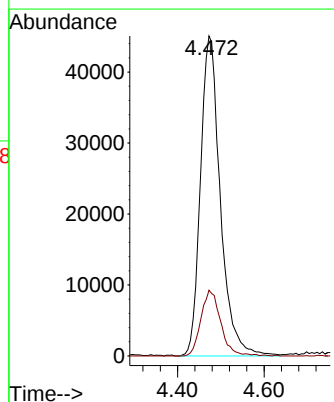
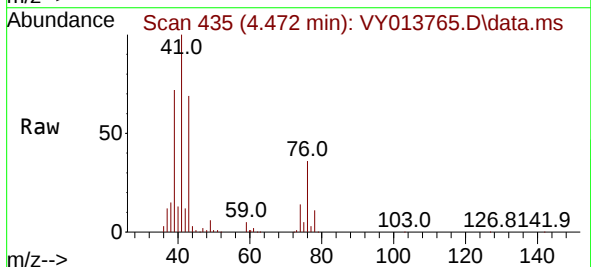
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

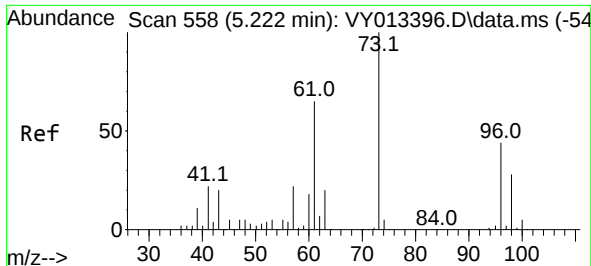
Tgt Ion: 76 Resp: 284309
Ion Ratio Lower Upper
76 100
78 9.8 7.2 10.8



#18
Methyl Acetate
Concen: 54.755 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.006 min
Lab File: VY013765.D
Acq: 16 May 2023 17:32

Tgt Ion: 43 Resp: 143555
Ion Ratio Lower Upper
43 100
74 20.4 19.4 29.2

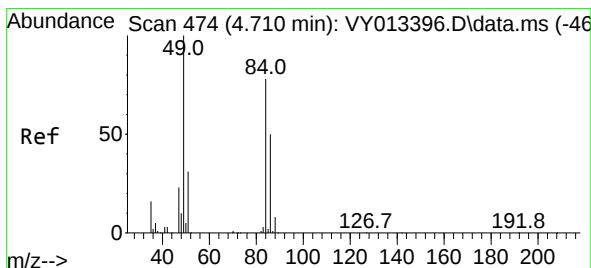
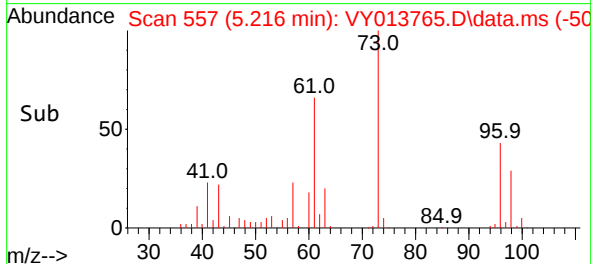
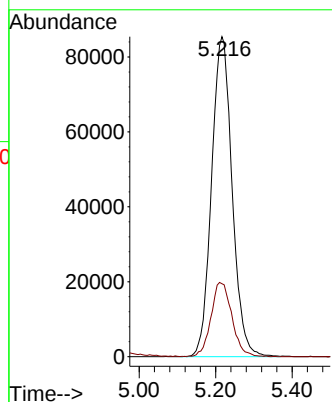
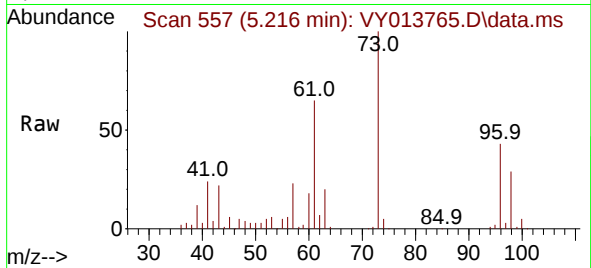




#19
Methyl tert-butyl Ether
Concen: 57.740 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY013765.D
Acq: 16 May 2023 17:32

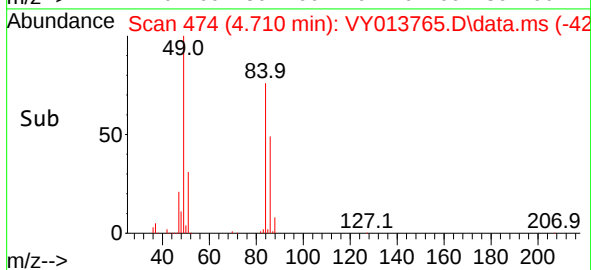
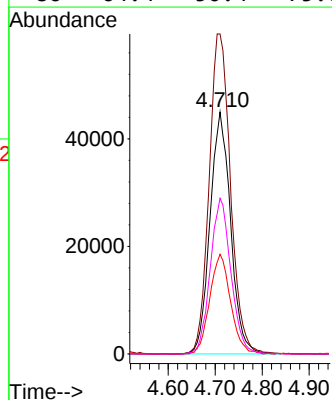
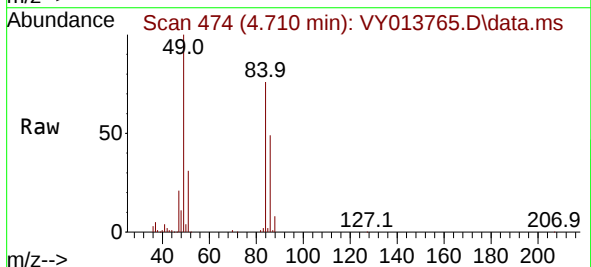
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

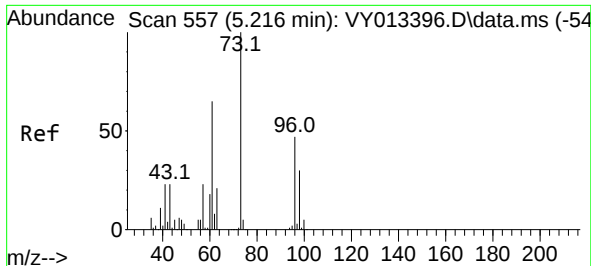
Tgt Ion: 73 Resp: 318552
Ion Ratio Lower Upper
73 100
57 22.8 17.8 26.8



#20
Methylene Chloride
Concen: 56.103 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY013765.D
Acq: 16 May 2023 17:32

Tgt Ion: 84 Resp: 137060
Ion Ratio Lower Upper
84 100
49 132.3 88.0 132.0#
51 41.2 27.4 41.0#
86 64.4 50.4 75.6

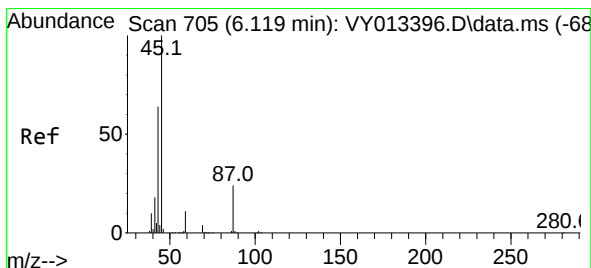
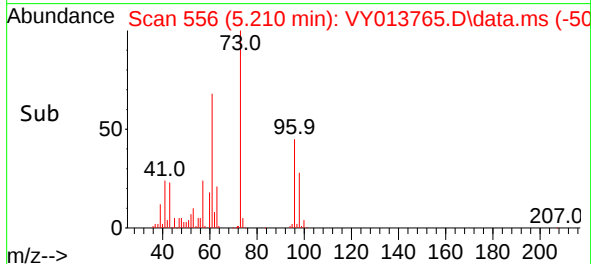
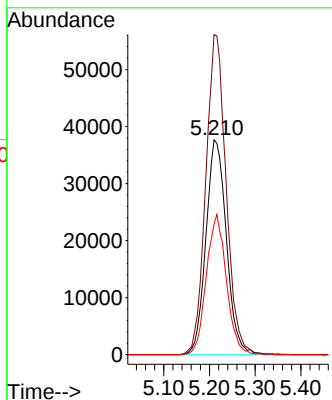
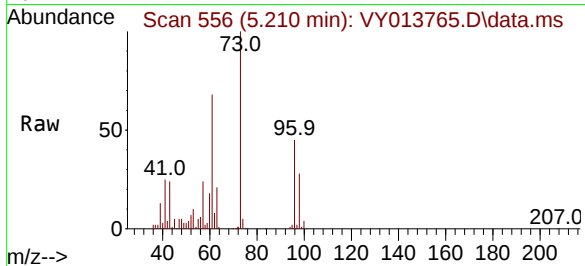




#21
trans-1,2-Dichloroethene
Concen: 56.257 ug/l
RT: 5.210 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY013765.D
Acq: 16 May 2023 17:32

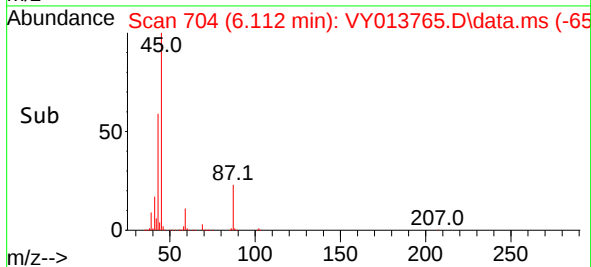
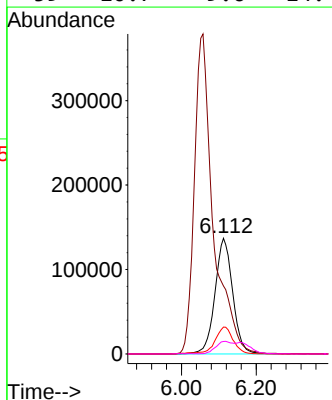
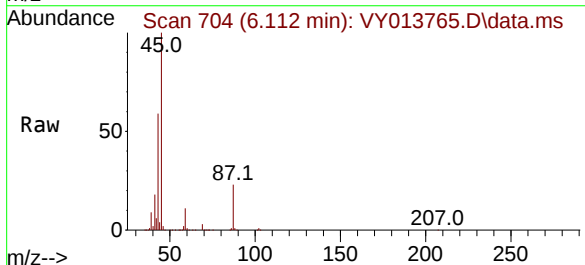
Instrument :
MSVOA_Y
ClientSampleId :
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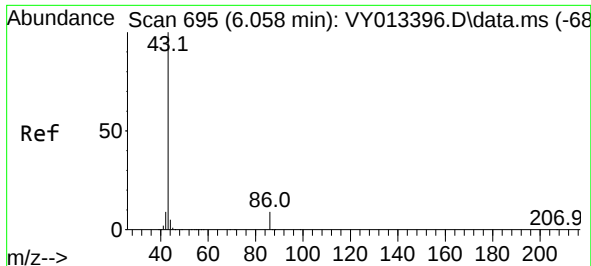
Tgt Ion: 96 Resp: 117546
Ion Ratio Lower Upper
96 100
61 148.9 110.6 165.8
98 60.7 53.1 79.7



#22
Diisopropyl ether
Concen: 65.065 ug/l
RT: 6.112 min Scan# 704
Delta R.T. -0.006 min
Lab File: VY013765.D
Acq: 16 May 2023 17:32

Tgt Ion: 45 Resp: 450946
Ion Ratio Lower Upper
45 100
43 58.5 48.4 72.6
87 23.2 23.8 35.6#
59 10.7 9.6 14.4

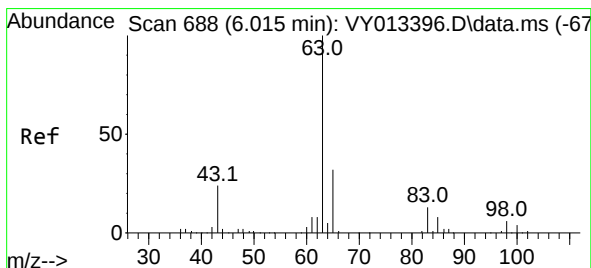
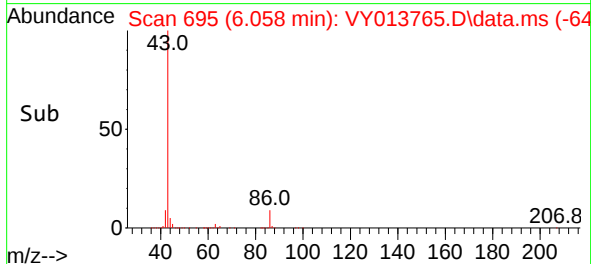
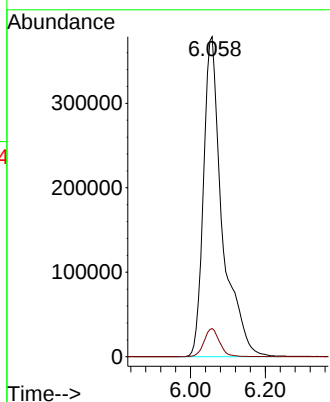
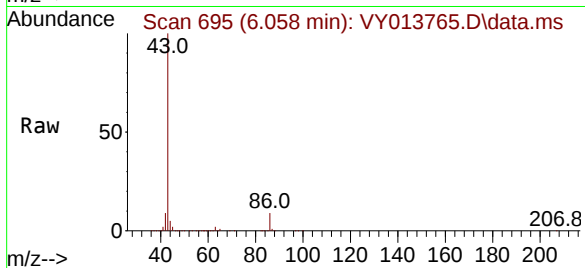




#23
 Vinyl Acetate
 Concen: 337.512 ug/l
 RT: 6.058 min Scan# 695
 Delta R.T. 0.001 min
 Lab File: VY013765.D
 Acq: 16 May 2023 17:32

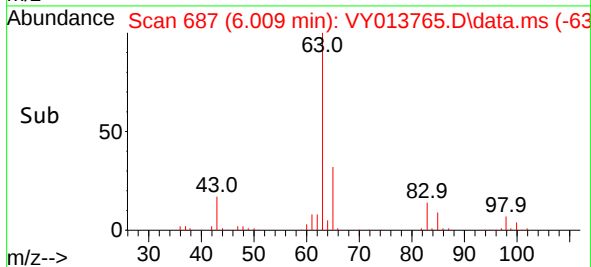
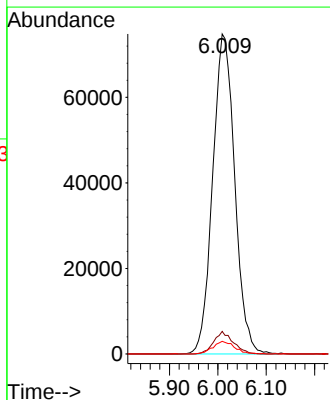
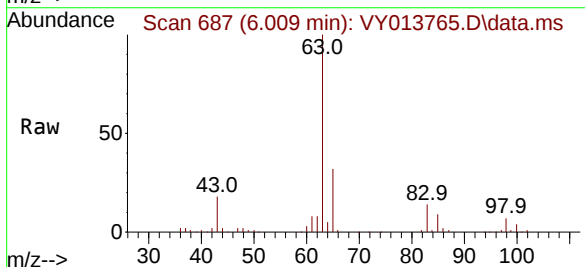
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

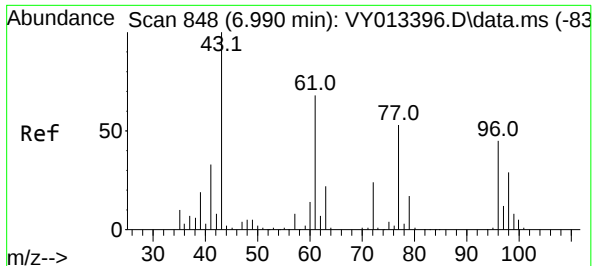
Tgt Ion: 43 Resp: 1324436
 Ion Ratio Lower Upper
 43 100
 86 8.8 8.5 12.7



#24
 1,1-Dichloroethane
 Concen: 61.310 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. -0.006 min
 Lab File: VY013765.D
 Acq: 16 May 2023 17:32

Tgt Ion: 63 Resp: 236821
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.5 10.6
 100 4.0 2.2 6.6

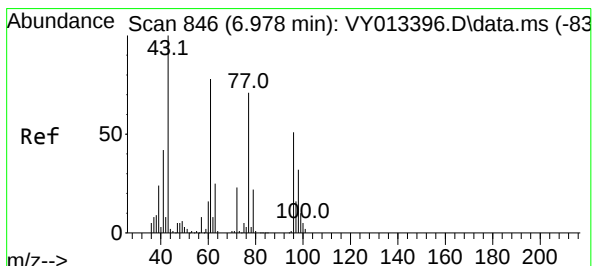
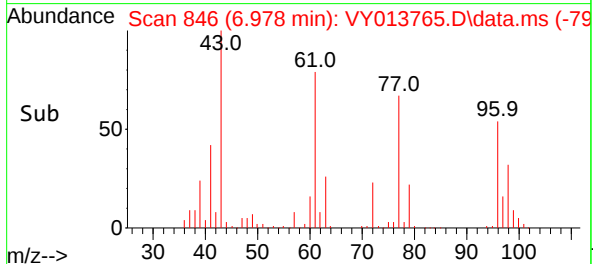
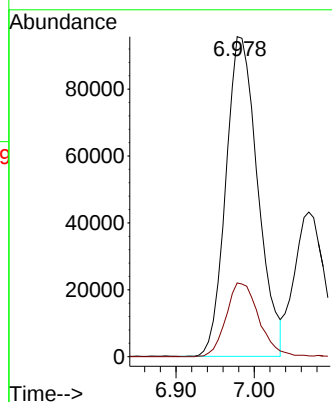
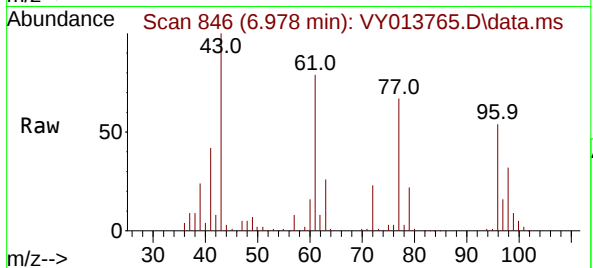




#25
2-Butanone
Concen: 268.686 ug/l
RT: 6.978 min Scan# 84
Delta R.T. -0.006 min
Lab File: VY013765.D
Acq: 16 May 2023 17:32

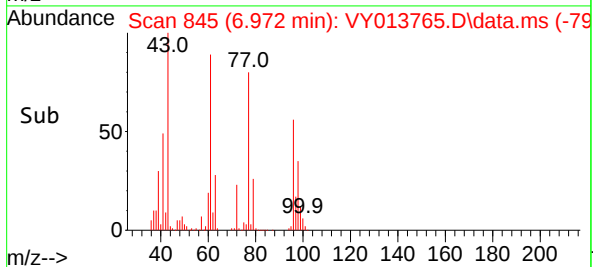
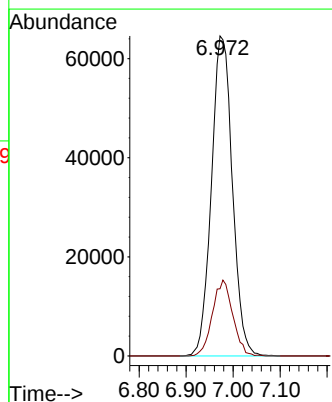
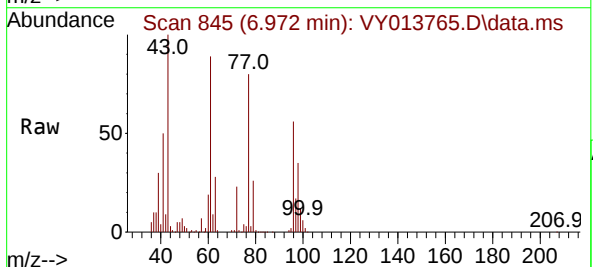
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

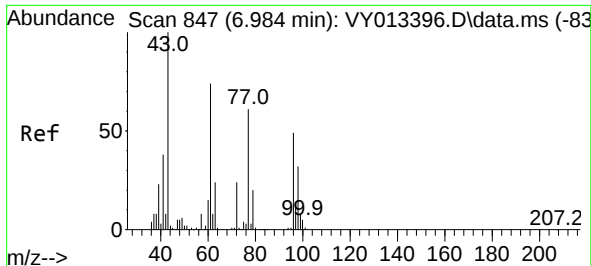
Tgt Ion: 43 Resp: 270490
Ion Ratio Lower Upper
43 100
72 23.1 21.9 32.9



#26
2,2-Dichloropropane
Concen: 59.987 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.006 min
Lab File: VY013765.D
Acq: 16 May 2023 17:32

Tgt Ion: 77 Resp: 199664
Ion Ratio Lower Upper
77 100
97 23.1 11.8 35.4





#27

cis-1,2-Dichloroethene

Concen: 59.752 ug/l

RT: 6.978 min Scan# 847

Delta R.T. -0.006 min

Lab File: VY013765.D

Acq: 16 May 2023 17:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

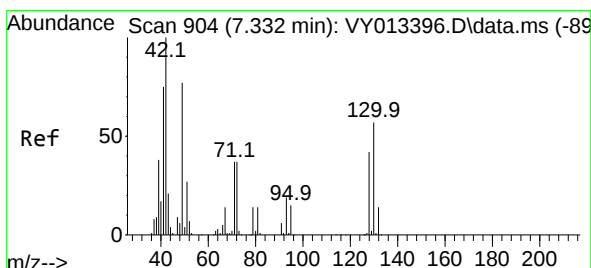
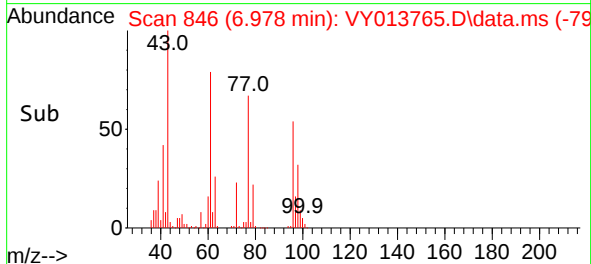
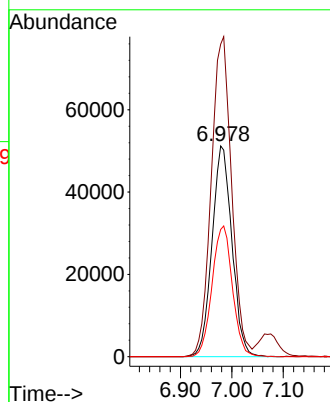
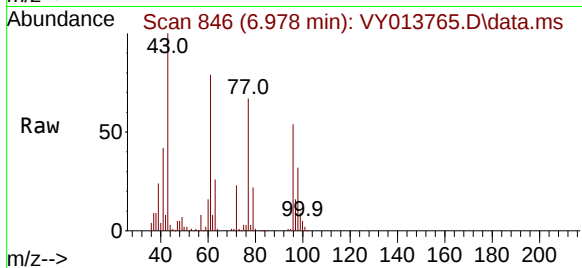
Tgt Ion: 96 Resp: 137942

Ion Ratio Lower Upper

96 100

61 155.0 0.0 285.0

98 63.2 0.0 130.6



#28

Bromochloromethane

Concen: 62.044 ug/l

RT: 7.332 min Scan# 904

Delta R.T. -0.000 min

Lab File: VY013765.D

Acq: 16 May 2023 17:32

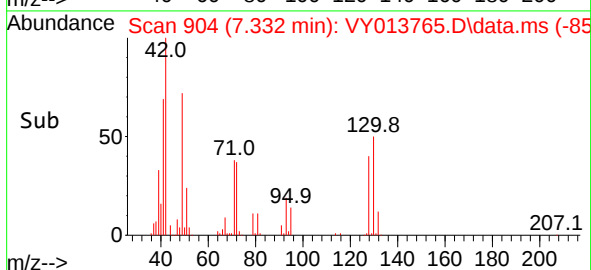
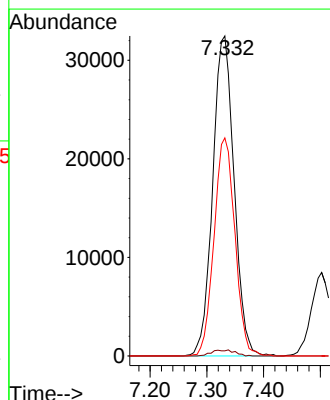
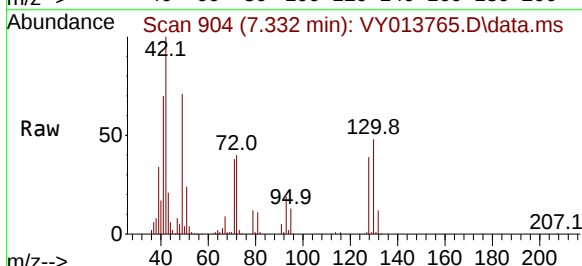
Tgt Ion: 49 Resp: 85045

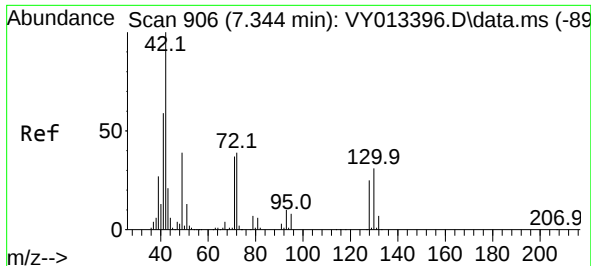
Ion Ratio Lower Upper

49 100

129 2.0 0.0 5.2

130 66.6 72.1 108.1#





#29

Tetrahydrofuran

Concen: 269.793 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY013765.D

Acq: 16 May 2023 17:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

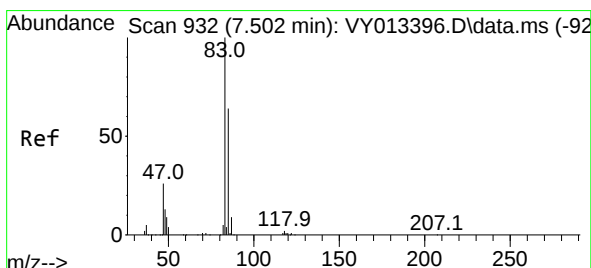
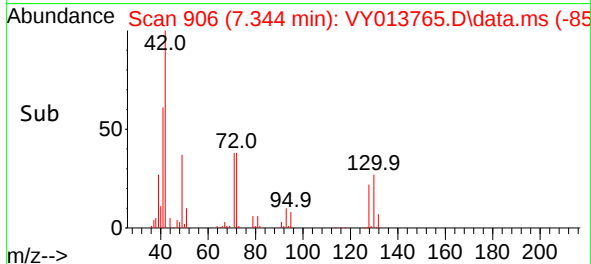
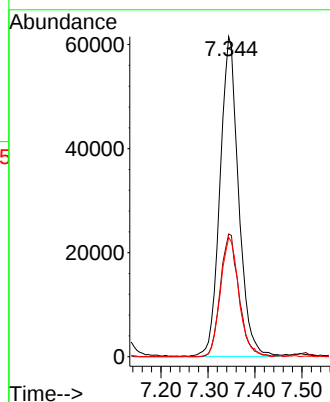
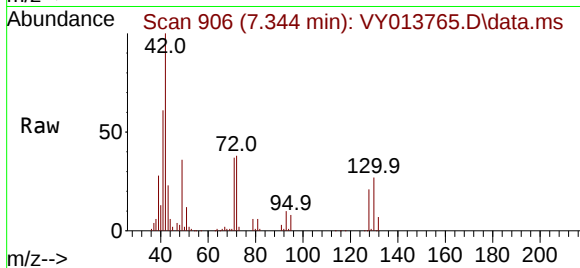
Tgt Ion: 42 Resp: 169068

Ion Ratio Lower Upper

42 100

72 38.4 35.9 53.9

71 37.3 34.3 51.5



#30

Chloroform

Concen: 61.715 ug/l

RT: 7.502 min Scan# 932

Delta R.T. 0.000 min

Lab File: VY013765.D

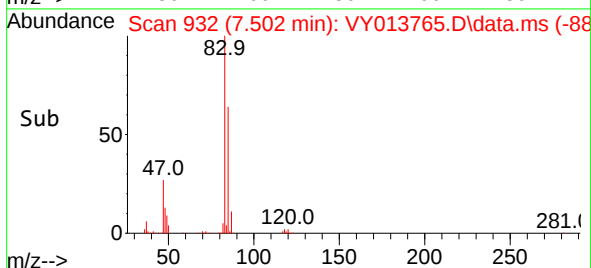
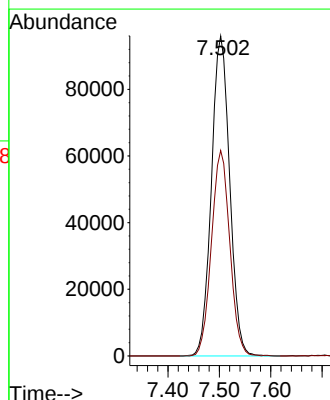
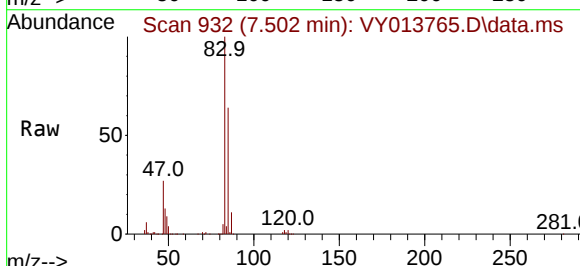
Acq: 16 May 2023 17:32

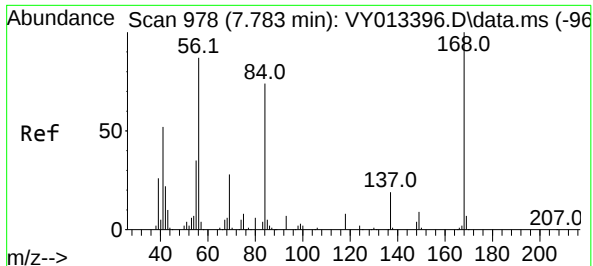
Tgt Ion: 83 Resp: 237017

Ion Ratio Lower Upper

83 100

85 64.2 52.0 78.0

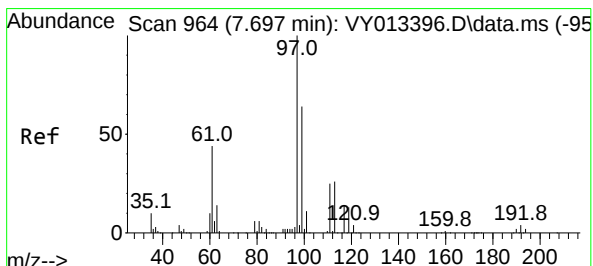
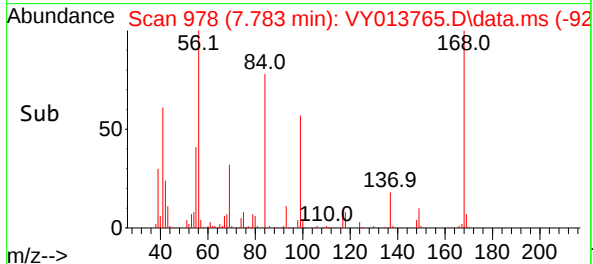
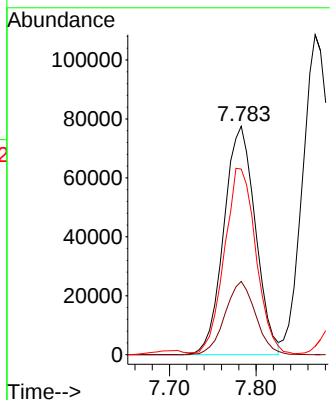
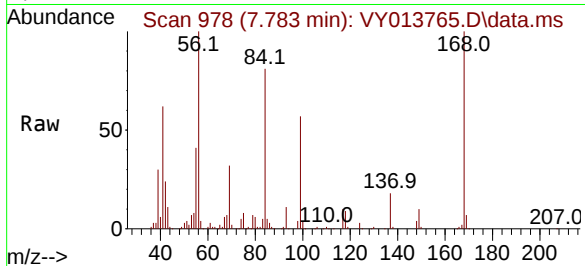




#31
Cyclohexane
Concen: 54.378 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013765.D
Acq: 16 May 2023 17:32

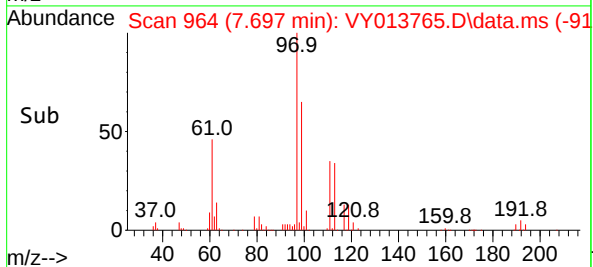
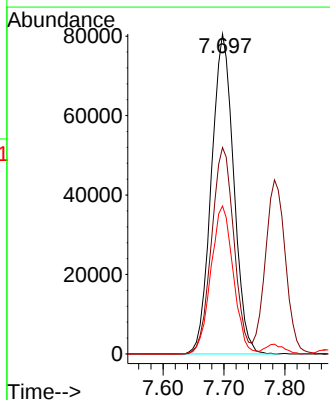
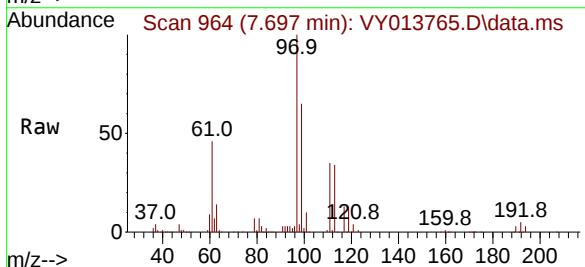
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

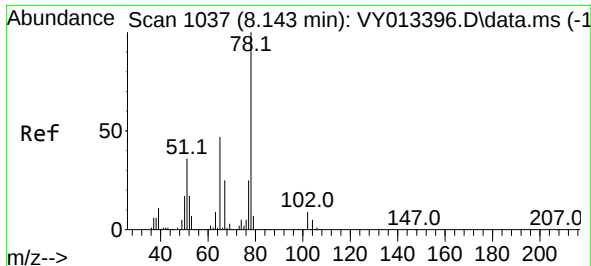
Tgt Ion: 56 Resp: 196249
Ion Ratio Lower Upper
56 100
69 32.1 29.2 43.8
84 79.4 73.0 109.6



#32
1,1,1-Trichloroethane
Concen: 59.683 ug/l
RT: 7.697 min Scan# 964
Delta R.T. 0.000 min
Lab File: VY013765.D
Acq: 16 May 2023 17:32

Tgt Ion: 97 Resp: 204538
Ion Ratio Lower Upper
97 100
99 65.0 52.2 78.2
61 46.6 33.8 50.8

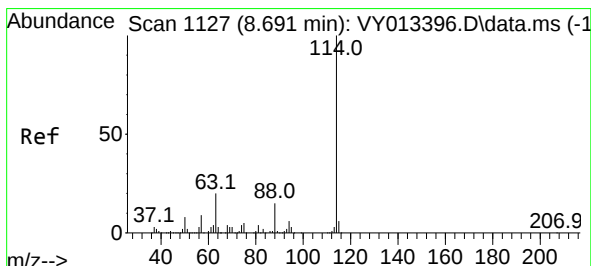
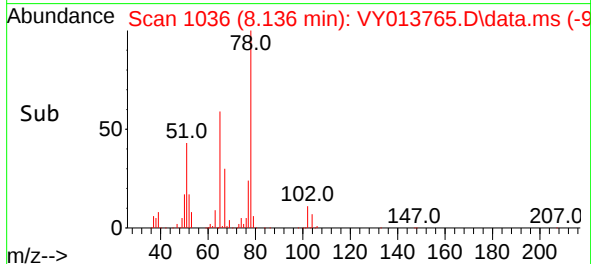
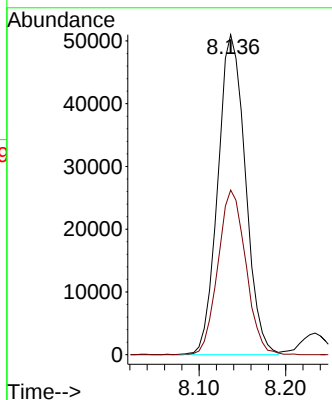
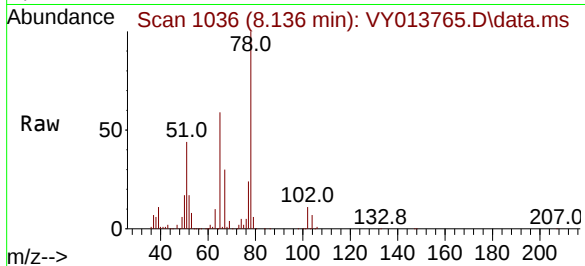




#33
1,2-Dichloroethane-d4
Concen: 55.862 ug/l
RT: 8.136 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY013765.D
Acq: 16 May 2023 17:32

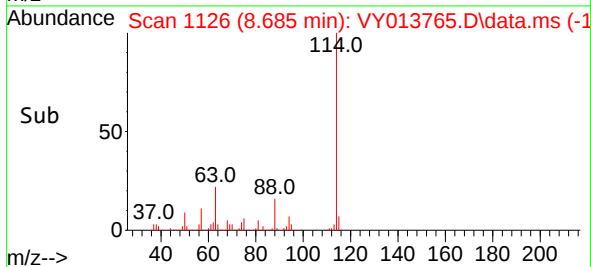
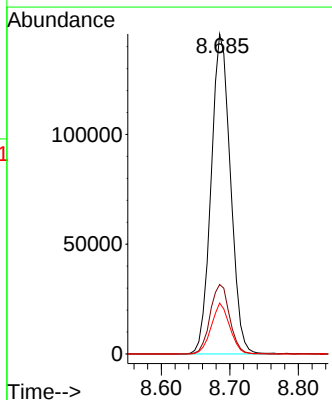
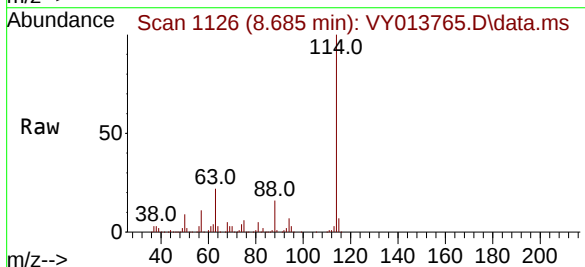
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

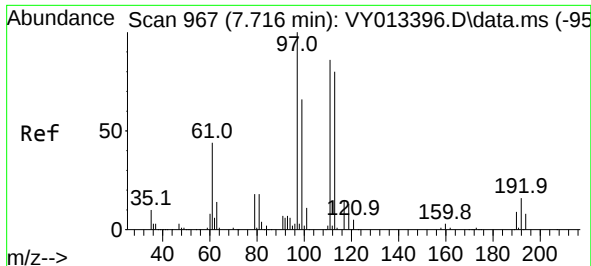
Tgt Ion: 65 Resp: 112600
Ion Ratio Lower Upper
65 100
67 52.1 0.0 103.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VY013765.D
Acq: 16 May 2023 17:32

Tgt Ion: 114 Resp: 285738
Ion Ratio Lower Upper
114 100
63 21.7 0.0 36.6
88 15.9 0.0 28.8

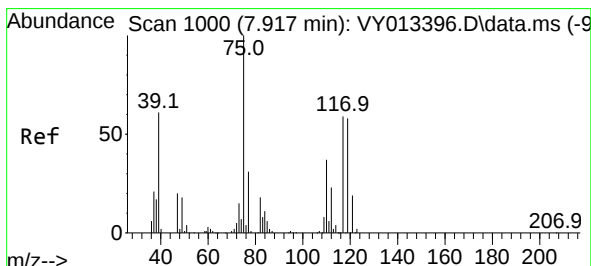
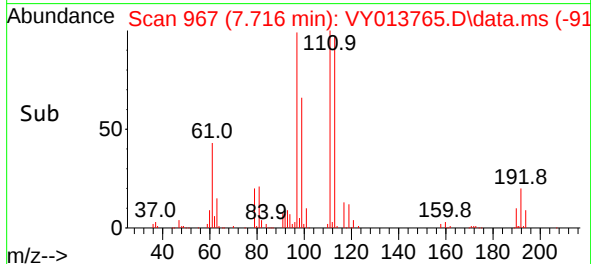
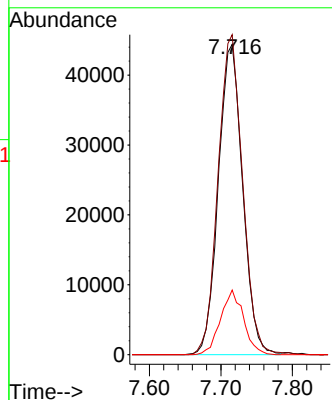
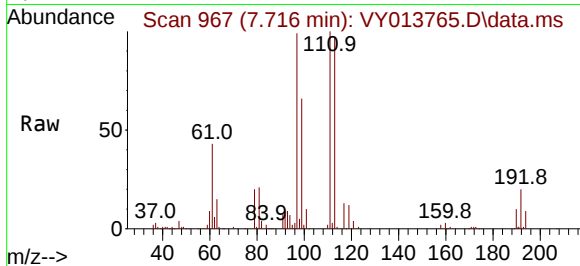




#35
Dibromofluoromethane
Concen: 58.225 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013765.D
Acq: 16 May 2023 17:32

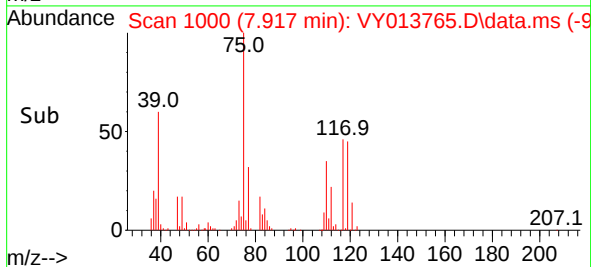
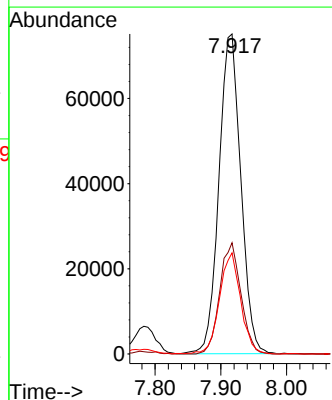
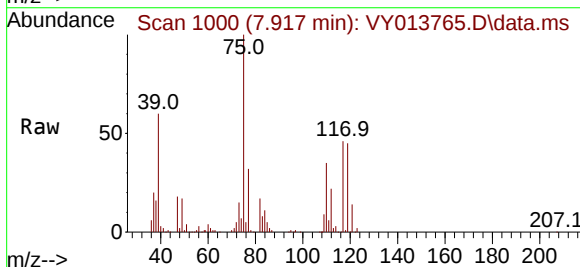
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

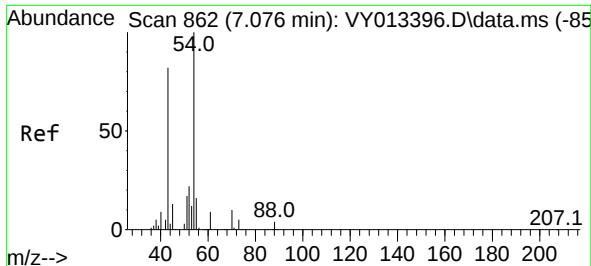
Tgt Ion:113 Resp: 104640
Ion Ratio Lower Upper
113 100
111 104.1 82.2 123.2
192 19.8 16.7 25.1



#36
1,1-Dichloropropene
Concen: 58.328 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY013765.D
Acq: 16 May 2023 17:32

Tgt Ion: 75 Resp: 173971
Ion Ratio Lower Upper
75 100
110 33.6 18.7 56.1
77 30.6 24.6 37.0

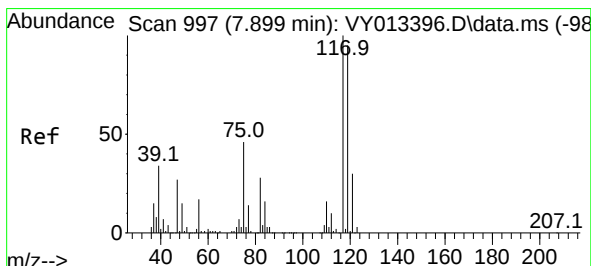
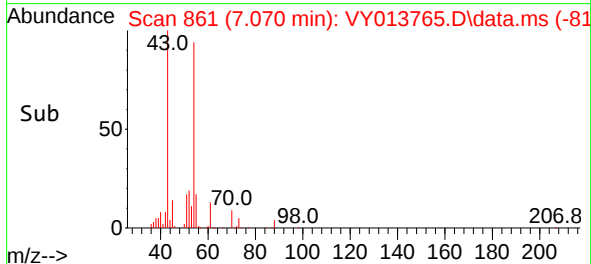
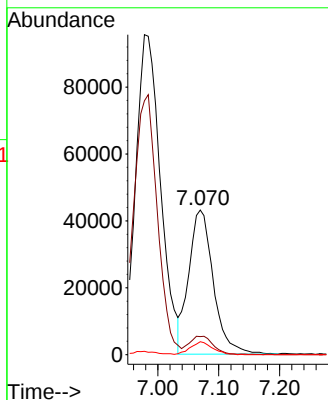
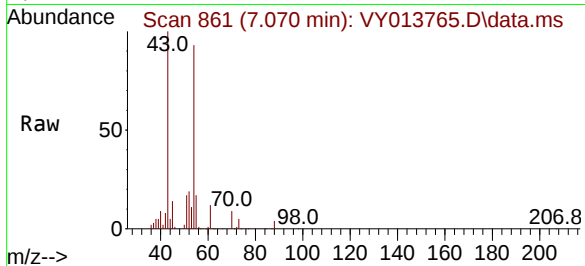




#37
Ethyl Acetate
Concen: 53.865 ug/l
RT: 7.070 min Scan# 80
Delta R.T. 0.001 min
Lab File: VY013765.D
Acq: 16 May 2023 17:32

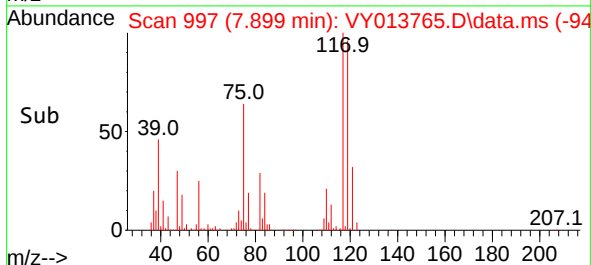
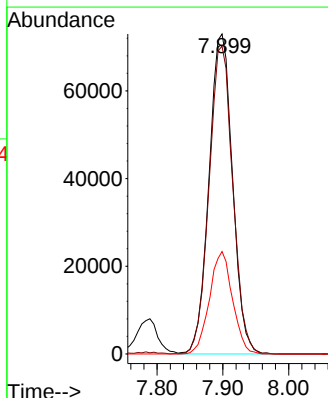
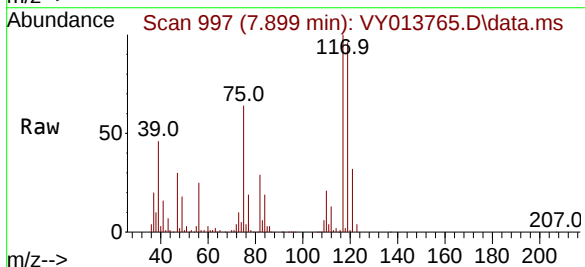
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

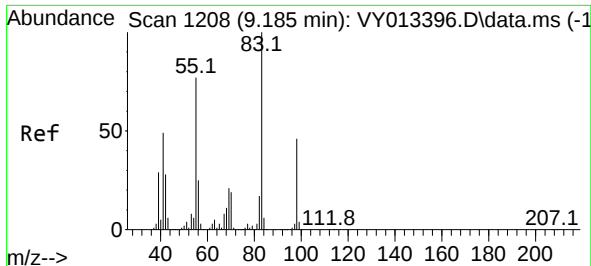
Tgt Ion: 43 Resp: 120901
Ion Ratio Lower Upper
43 100
61 12.7 11.4 17.0
70 8.0 7.9 11.9



#38
Carbon Tetrachloride
Concen: 58.176 ug/l
RT: 7.899 min Scan# 997
Delta R.T. -0.000 min
Lab File: VY013765.D
Acq: 16 May 2023 17:32

Tgt Ion: 117 Resp: 181866
Ion Ratio Lower Upper
117 100
119 96.2 79.0 118.6
121 32.0 26.6 40.0





#39

Methylcyclohexane

Concen: 57.797 ug/l

RT: 9.179 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY013765.D

Acq: 16 May 2023 17:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

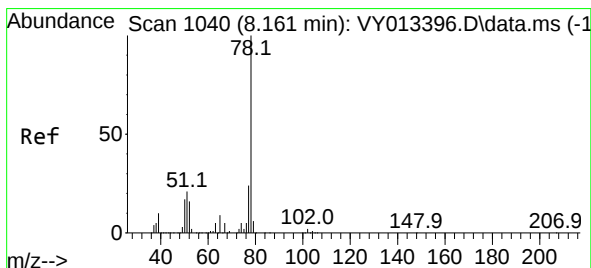
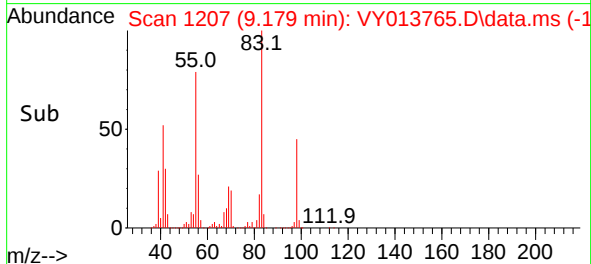
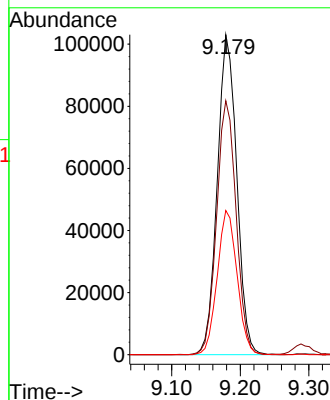
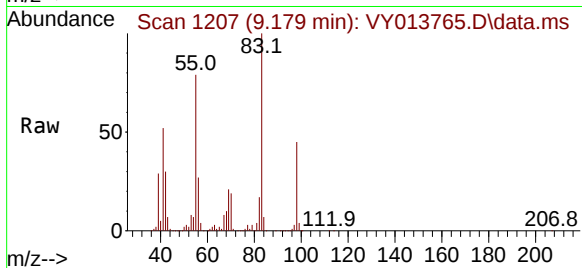
Tgt Ion: 83 Resp: 203228

Ion Ratio Lower Upper

83 100

55 79.2 59.0 88.4

98 45.0 37.0 55.4



#40

Benzene

Concen: 59.342 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VY013765.D

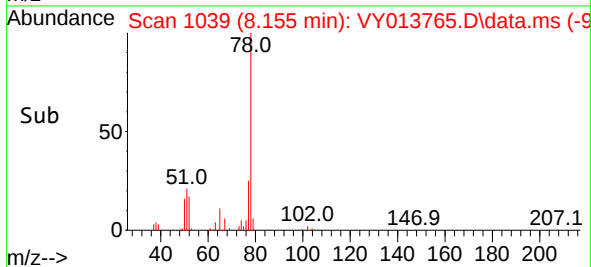
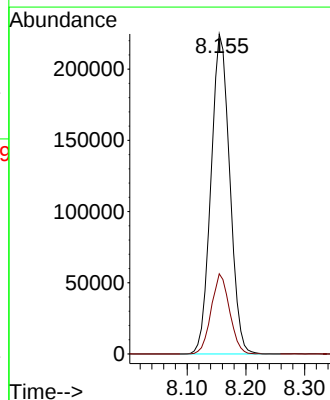
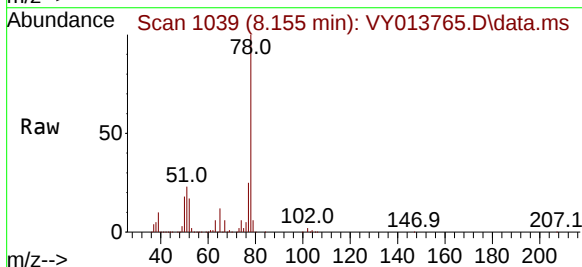
Acq: 16 May 2023 17:32

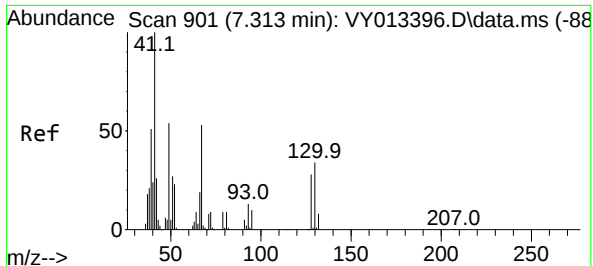
Tgt Ion: 78 Resp: 498579

Ion Ratio Lower Upper

78 100

77 25.0 19.2 28.8

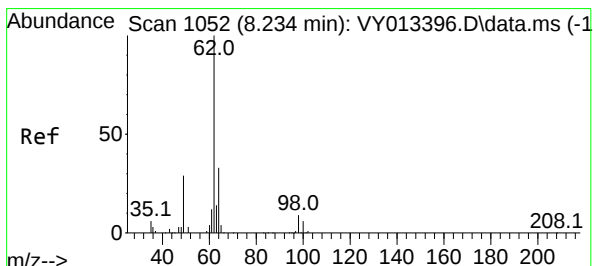
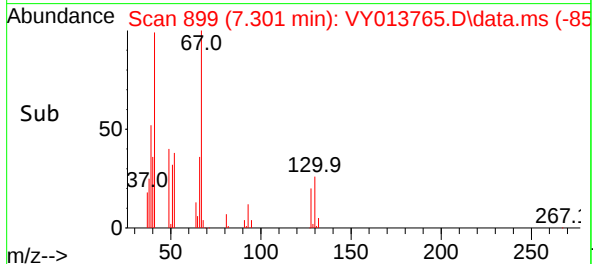
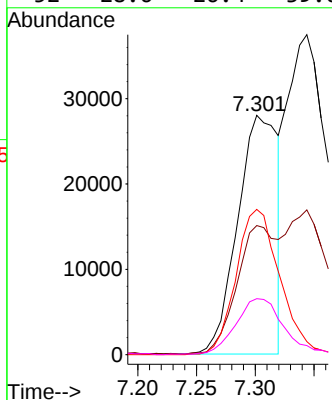
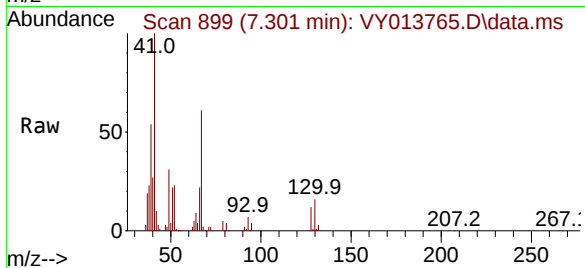




#41
Methacrylonitrile
Concen: 63.500 ug/l
RT: 7.301 min Scan# 899
Delta R.T. -0.006 min
Lab File: VY013765.D
Acq: 16 May 2023 17:32

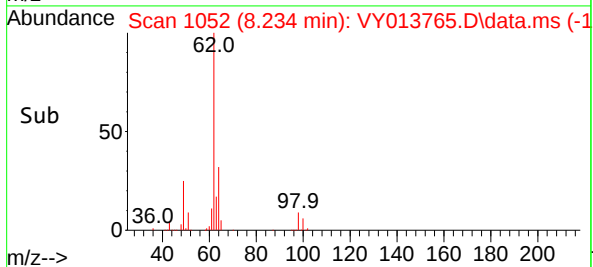
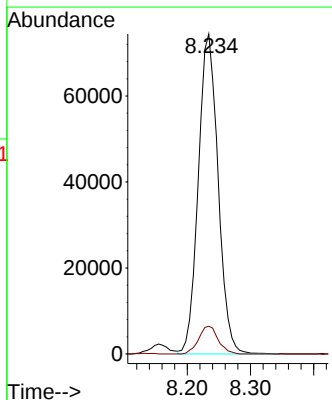
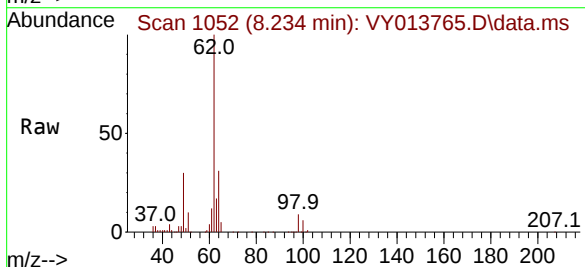
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

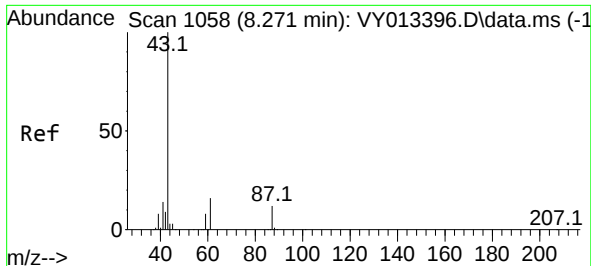
Tgt Ion:	41	Resp:	66417
Ion Ratio	Lower	Upper	
41	100		
39	53.9	44.2	66.4
67	67.0	62.9	94.3
52	28.6	26.4	39.6



#42
1,2-Dichloroethane
Concen: 59.071 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VY013765.D
Acq: 16 May 2023 17:32

Tgt Ion:	62	Resp:	162256
Ion Ratio	Lower	Upper	
62	100		
98	8.6	0.0	17.8

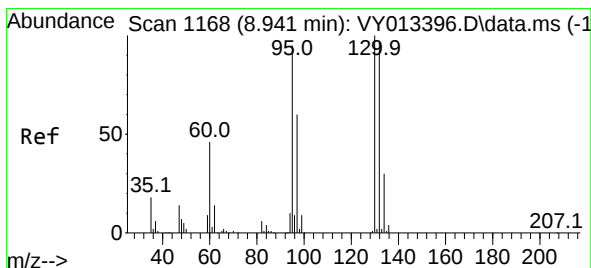
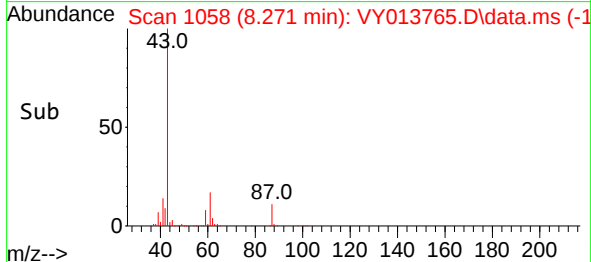
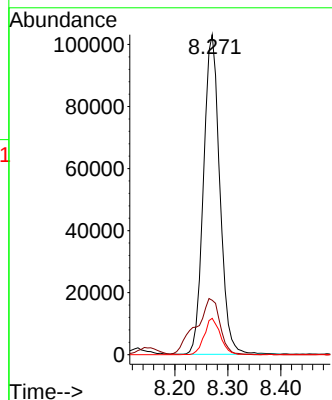
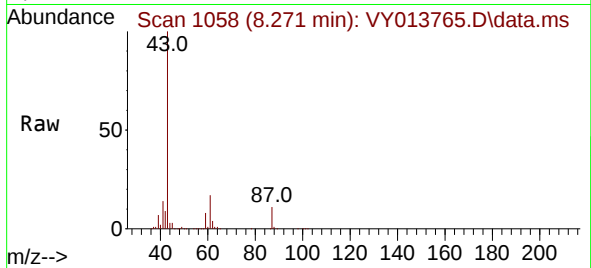




#43
Isopropyl Acetate
Concen: 57.999 ug/l
RT: 8.271 min Scan# 1105
Delta R.T. 0.001 min
Lab File: VY013765.D
Acq: 16 May 2023 17:32

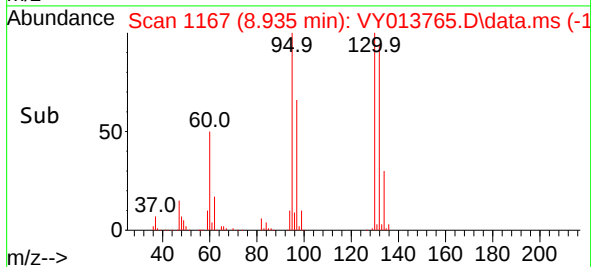
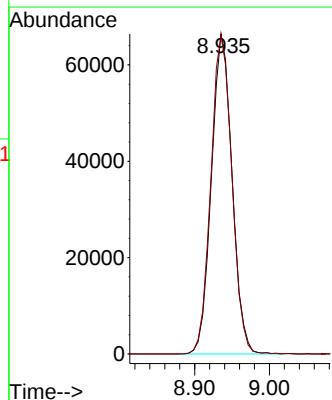
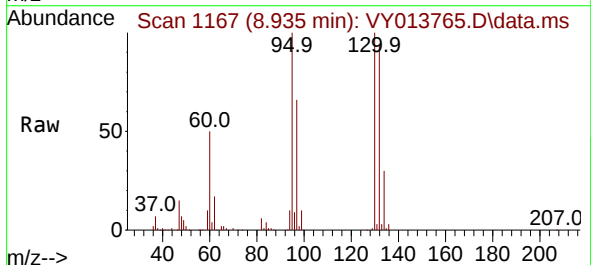
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

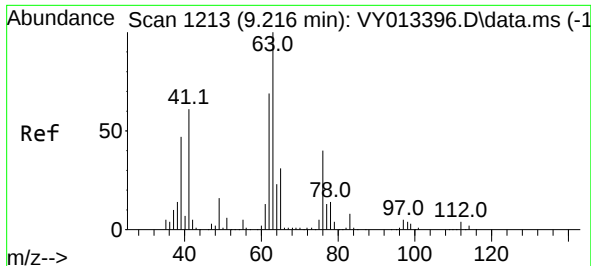
Tgt Ion: 43 Resp: 219731
Ion Ratio Lower Upper
43 100
61 26.0 22.2 33.4
87 11.2 11.0 16.6



#44
Trichloroethene
Concen: 57.232 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VY013765.D
Acq: 16 May 2023 17:32

Tgt Ion:130 Resp: 127905
Ion Ratio Lower Upper
130 100
95 99.6 0.0 188.8





#45

1,2-Dichloropropane

Concen: 62.549 ug/l

RT: 9.216 min Scan# 1213

Delta R.T. 0.001 min

Lab File: VY013765.D

Acq: 16 May 2023 17:32

Instrument :

MSVOA_Y

ClientSampleId :

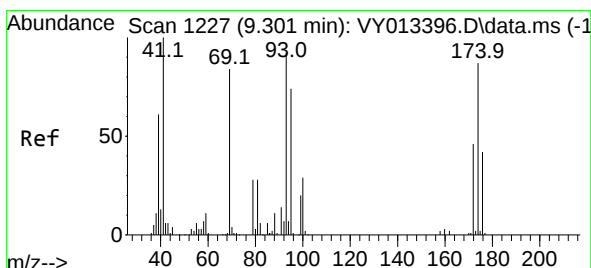
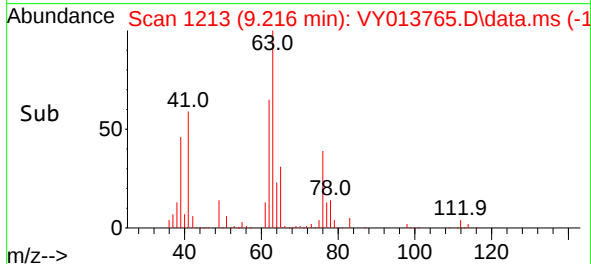
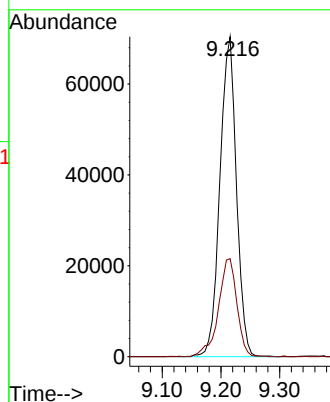
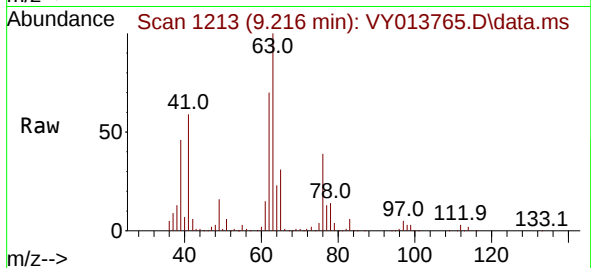
VSTDCCC050EC

Tgt Ion: 63 Resp: 137405

Ion Ratio Lower Upper

63 100

65 30.7 24.6 37.0



#46

Dibromomethane

Concen: 58.186 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.006 min

Lab File: VY013765.D

Acq: 16 May 2023 17:32

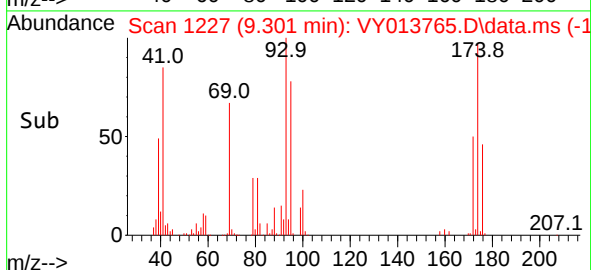
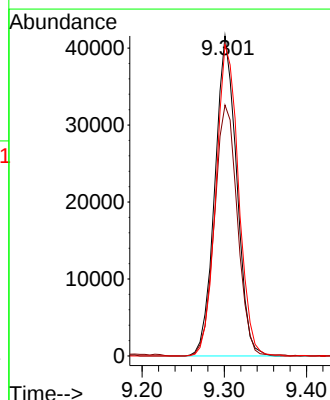
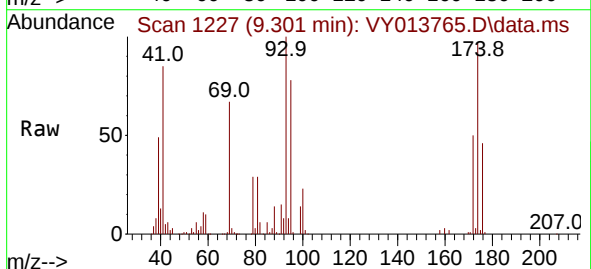
Tgt Ion: 93 Resp: 76480

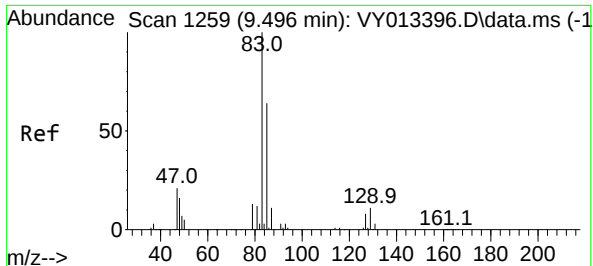
Ion Ratio Lower Upper

93 100

95 82.9 67.1 100.7

174 100.6 87.0 130.4

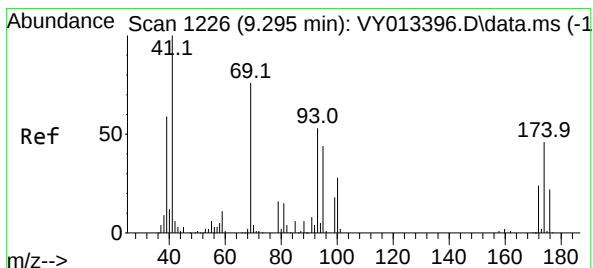
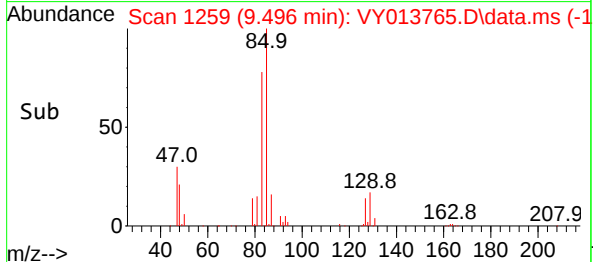
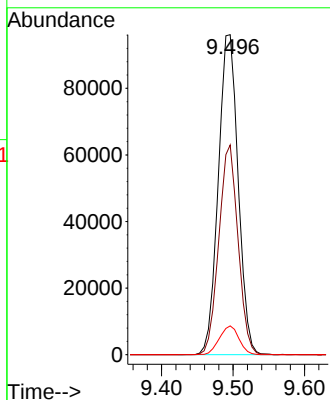
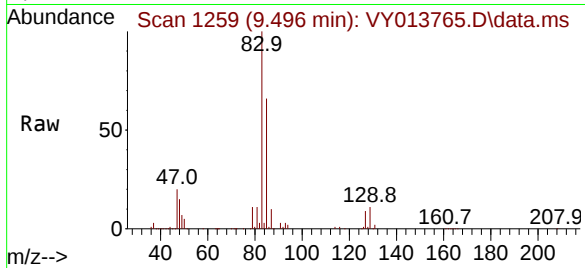




#47
Bromodichloromethane
Concen: 62.964 ug/l
RT: 9.496 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013765.D
Acq: 16 May 2023 17:32

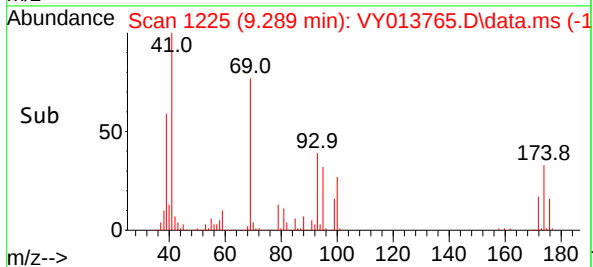
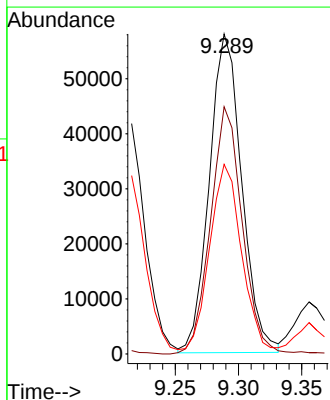
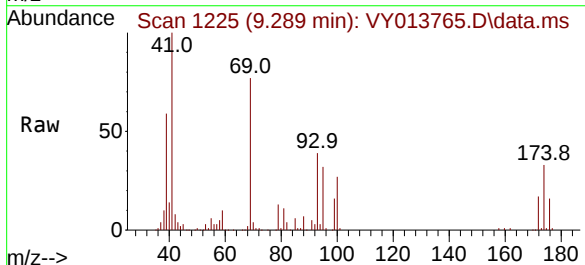
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

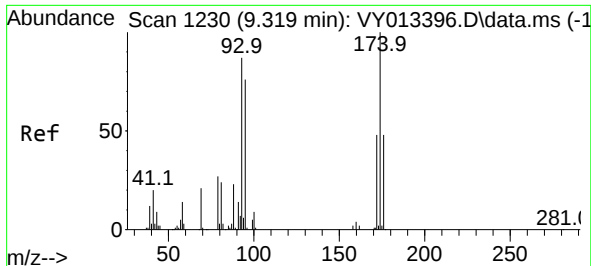
Tgt Ion: 83 Resp: 185185
Ion Ratio Lower Upper
83 100
85 65.6 51.4 77.2
127 9.0 8.1 12.1



#48
Methyl methacrylate
Concen: 59.301 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY013765.D
Acq: 16 May 2023 17:32

Tgt Ion: 41 Resp: 103181
Ion Ratio Lower Upper
41 100
69 76.3 70.2 105.4
39 56.8 47.9 71.9





#49

1,4-Dioxane

Concen: 1019.953 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VY013765.D

Acq: 16 May 2023 17:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

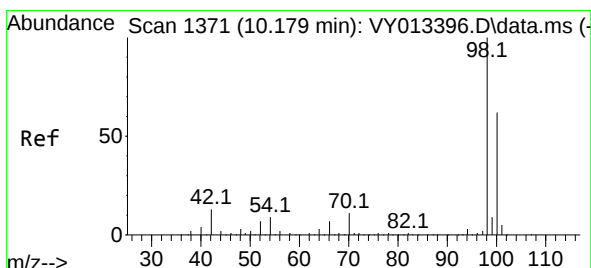
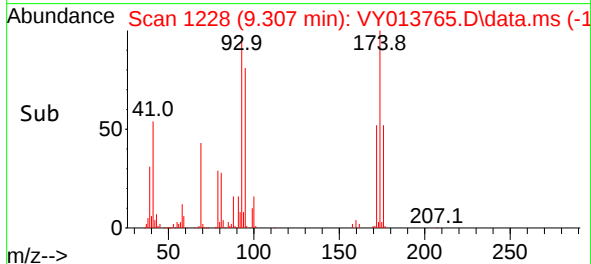
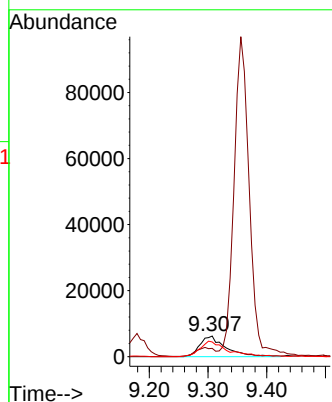
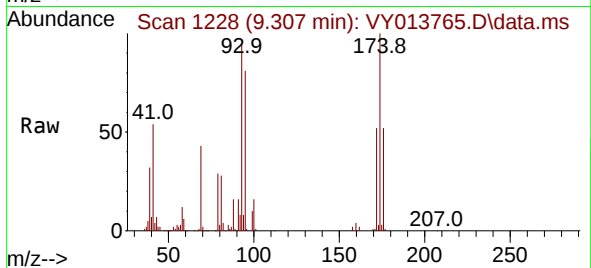
Tgt Ion: 88 Resp: 19147

Ion Ratio Lower Upper

88 100

43 29.9 16.8 25.2#

58 80.7 54.3 81.5



#50

Toluene-d8

Concen: 53.676 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY013765.D

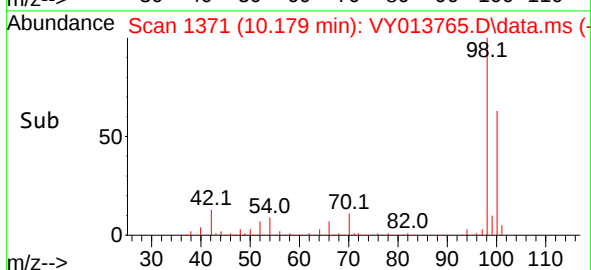
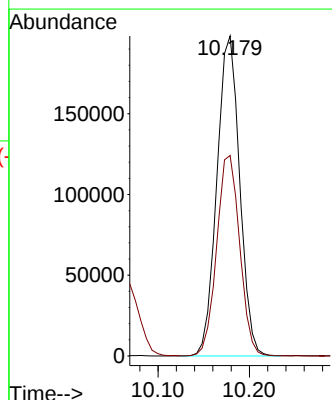
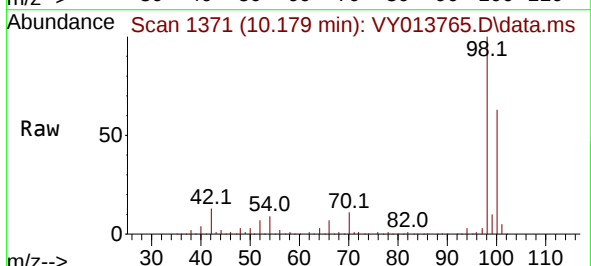
Acq: 16 May 2023 17:32

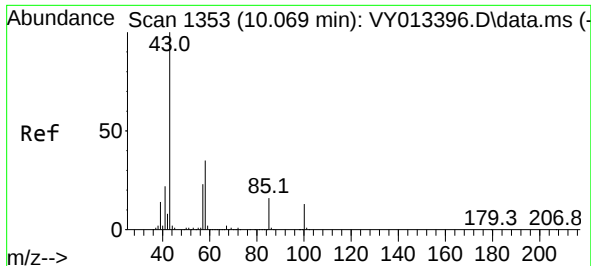
Tgt Ion: 98 Resp: 343161

Ion Ratio Lower Upper

98 100

100 63.4 50.5 75.7

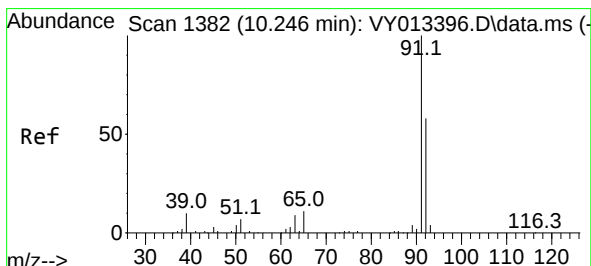
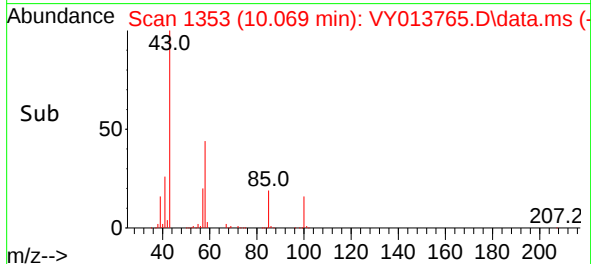
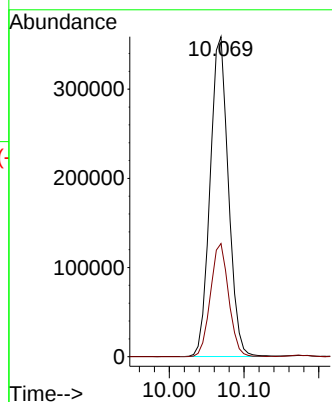
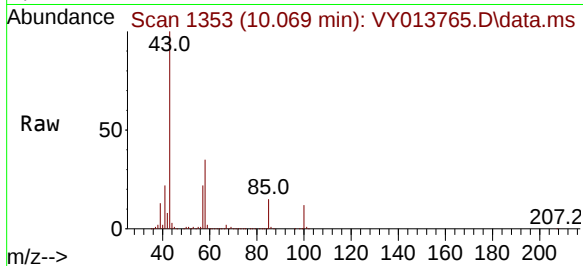




#51
4-Methyl-2-Pentanone
Concen: 288.678 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY013765.D
Acq: 16 May 2023 17:32

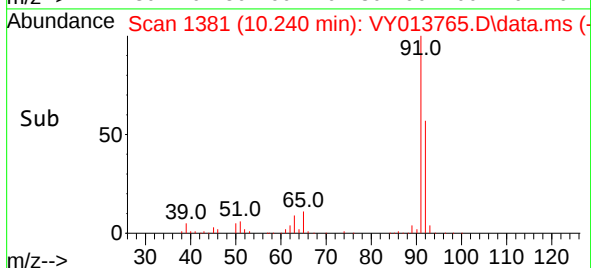
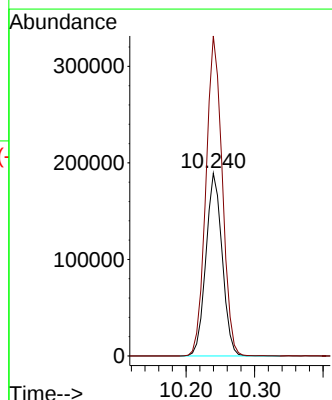
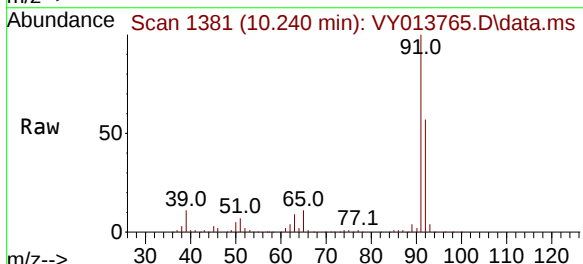
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

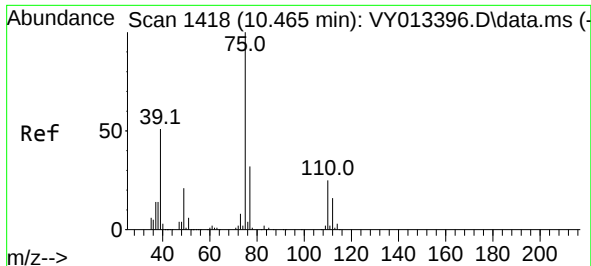
Tgt Ion: 43 Resp: 609443
Ion Ratio Lower Upper
43 100
58 35.2 30.6 46.0



#52
Toluene
Concen: 61.733 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY013765.D
Acq: 16 May 2023 17:32

Tgt Ion: 92 Resp: 312119
Ion Ratio Lower Upper
92 100
91 175.8 140.2 210.4

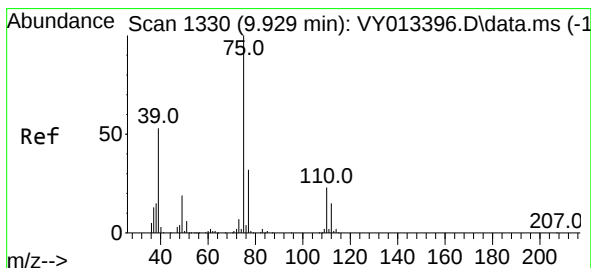
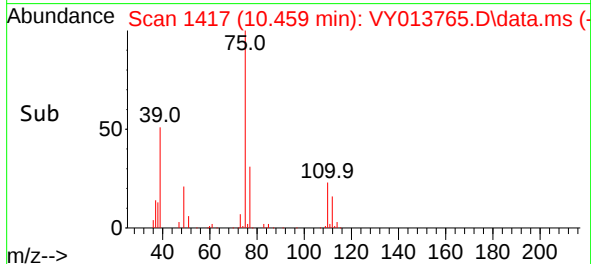
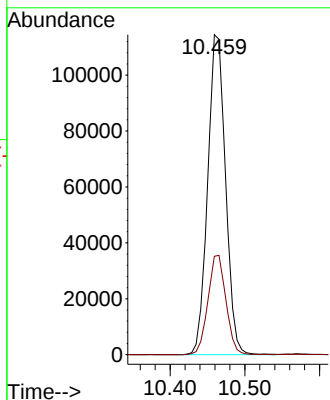
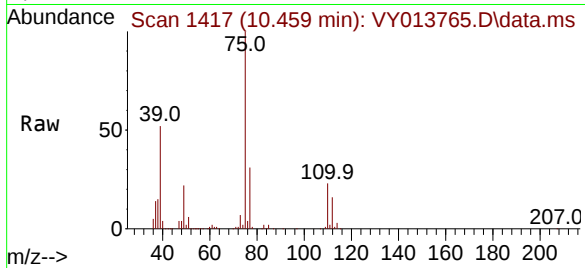




#53
t-1,3-Dichloropropene
Concen: 61.212 ug/l
RT: 10.459 min Scan# 1418
Delta R.T. -0.006 min
Lab File: VY013765.D
Acq: 16 May 2023 17:32

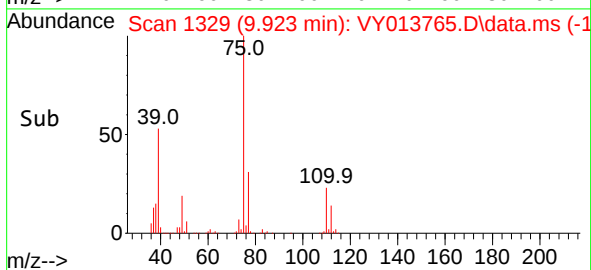
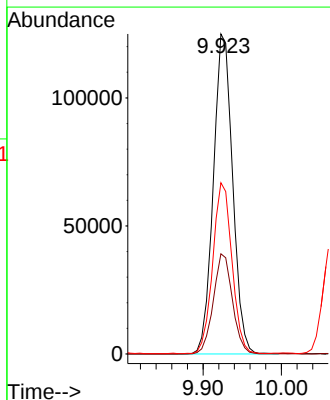
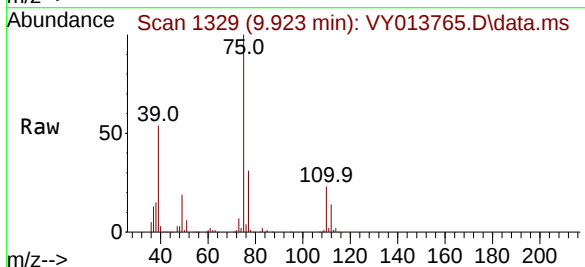
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

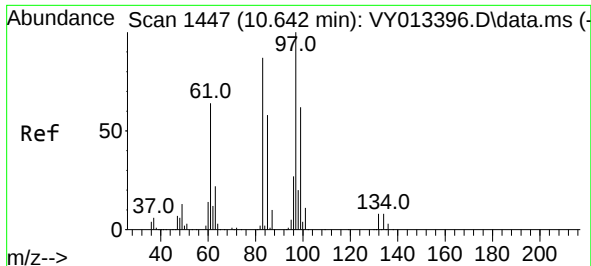
Tgt Ion: 75 Resp: 190538
Ion Ratio Lower Upper
75 100
77 30.8 25.8 38.8



#54
cis-1,3-Dichloropropene
Concen: 61.083 ug/l
RT: 9.923 min Scan# 1329
Delta R.T. -0.006 min
Lab File: VY013765.D
Acq: 16 May 2023 17:32

Tgt Ion: 75 Resp: 213947
Ion Ratio Lower Upper
75 100
77 31.3 24.8 37.2
39 53.4 38.1 57.1

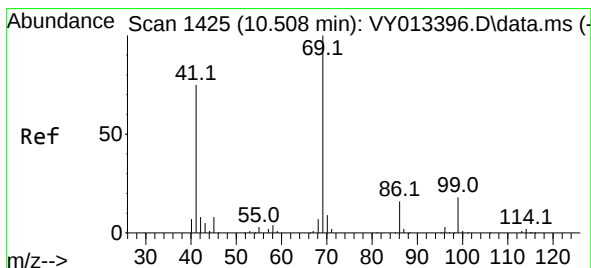
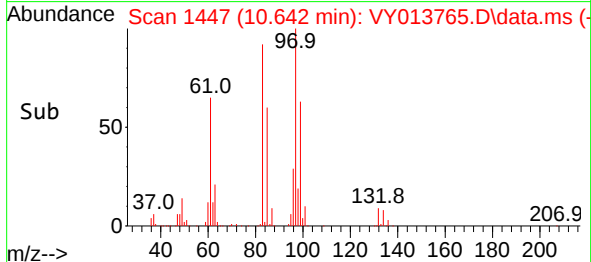
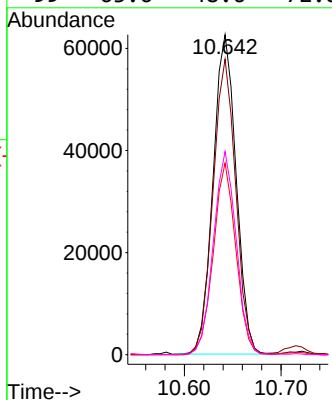
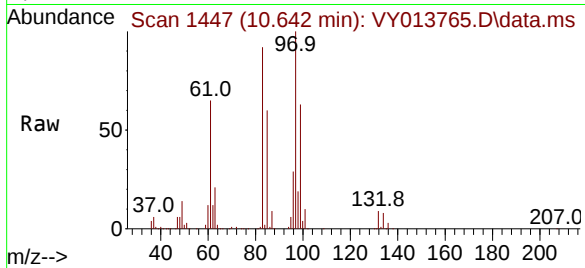




#55
1,1,2-Trichloroethane
Concen: 59.503 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY013765.D
Acq: 16 May 2023 17:32

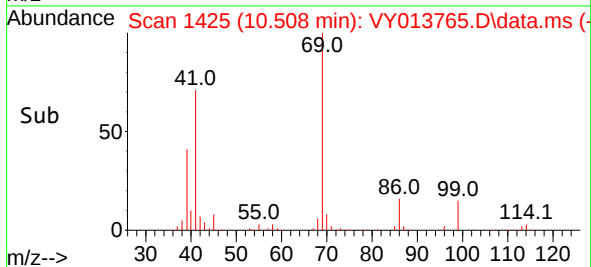
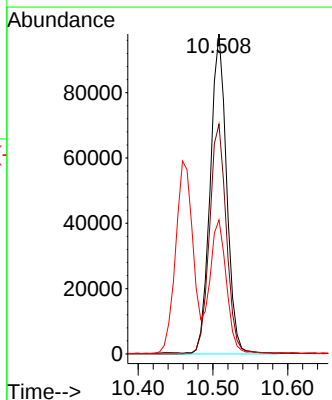
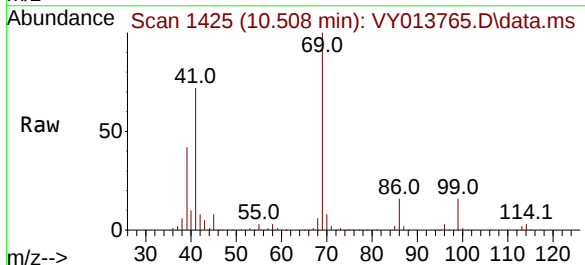
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

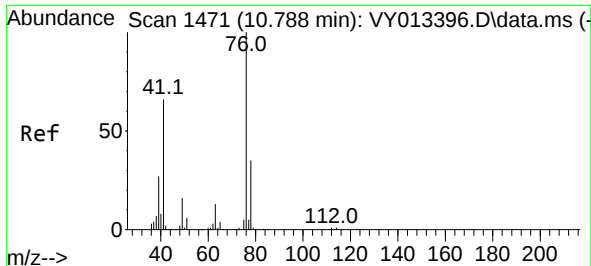
Tgt Ion:	97	Resp:	103574
Ion	Ratio	Lower	Upper
97	100		
83	92.5	66.4	99.6
85	60.0	45.6	68.4
99	63.6	48.6	72.8



#56
Ethyl methacrylate
Concen: 61.856 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY013765.D
Acq: 16 May 2023 17:32

Tgt Ion:	69	Resp:	149375
Ion	Ratio	Lower	Upper
69	100		
41	73.7	51.4	77.0
39	42.4	29.0	43.6





#57

1,3-Dichloropropane

Concen: 60.839 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY013765.D

Acq: 16 May 2023 17:32

Instrument :

MSVOA_Y

ClientSampleId :

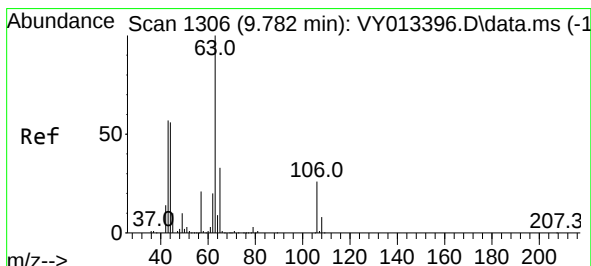
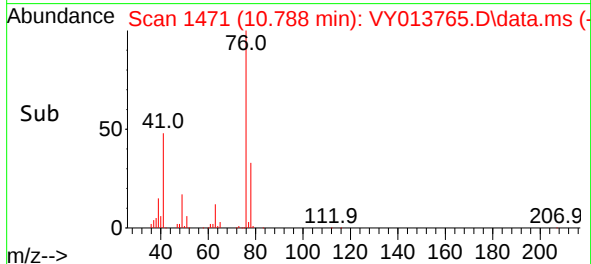
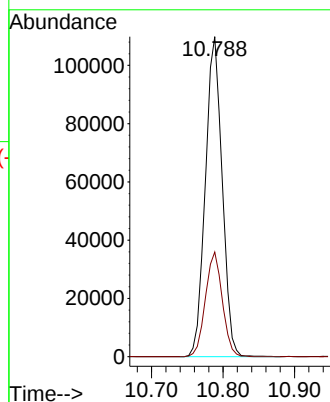
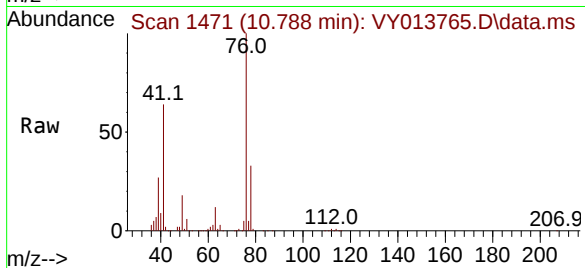
VSTDCCC050EC

Tgt Ion: 76 Resp: 179352

Ion Ratio Lower Upper

76 100

78 32.8 26.5 39.7



#58

2-Chloroethyl Vinyl ether

Concen: 278.458 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY013765.D

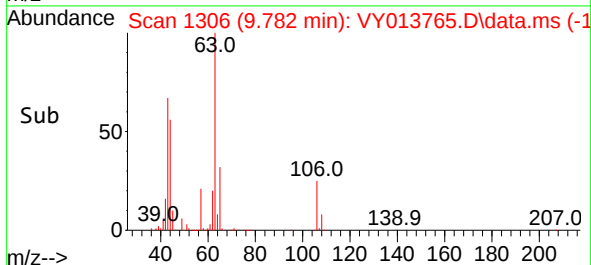
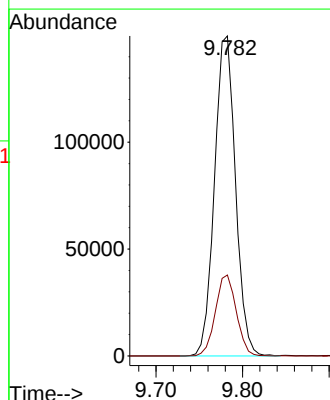
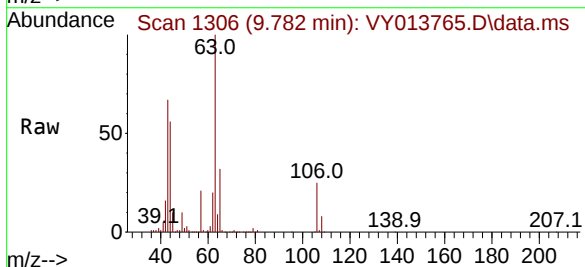
Acq: 16 May 2023 17:32

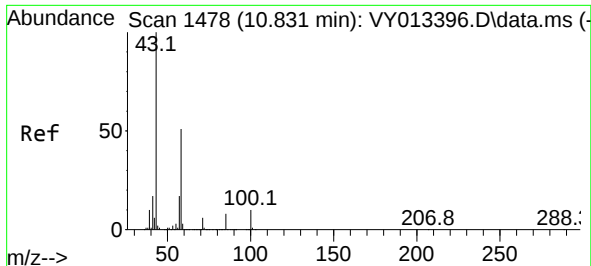
Tgt Ion: 63 Resp: 252157

Ion Ratio Lower Upper

63 100

106 25.2 23.5 35.3





#59

2-Hexanone

Concen: 279.869 ug/l

RT: 10.831 min Scan# 1478

Delta R.T. 0.000 min

Lab File: VY013765.D

Acq: 16 May 2023 17:32

Instrument :

MSVOA_Y

ClientSampleId :

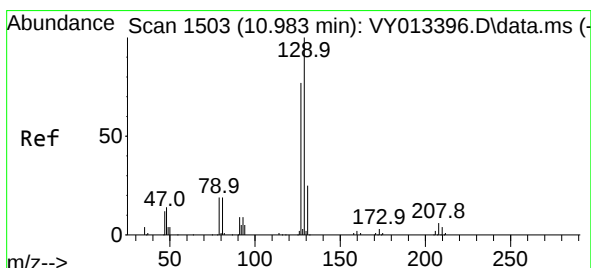
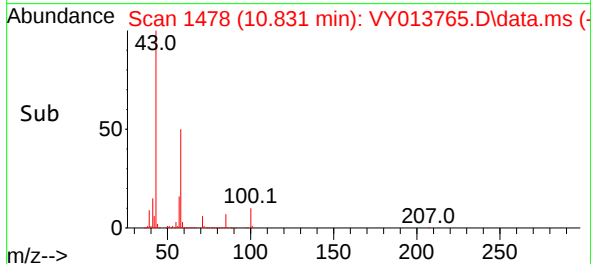
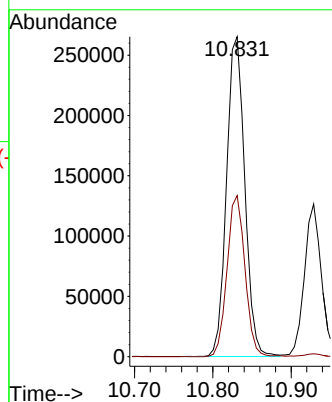
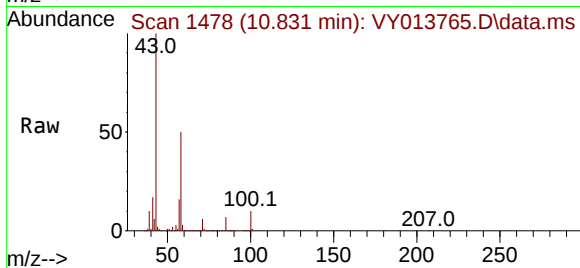
VSTDCCC050EC

Tgt Ion: 43 Resp: 429497

Ion Ratio Lower Upper

43 100

58 49.6 26.3 78.8



#60

Dibromochloromethane

Concen: 60.628 ug/l

RT: 10.983 min Scan# 1503

Delta R.T. 0.000 min

Lab File: VY013765.D

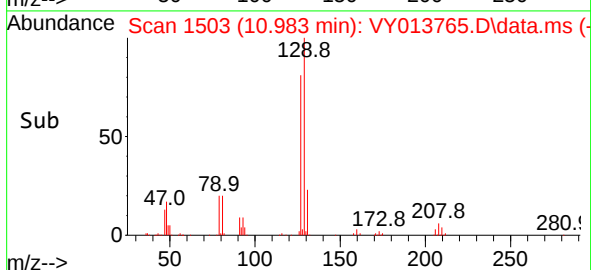
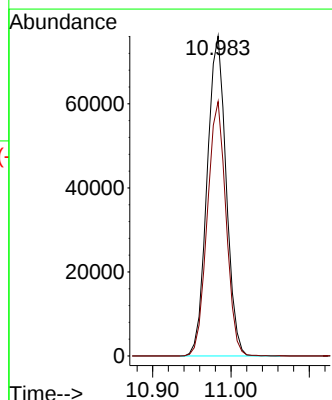
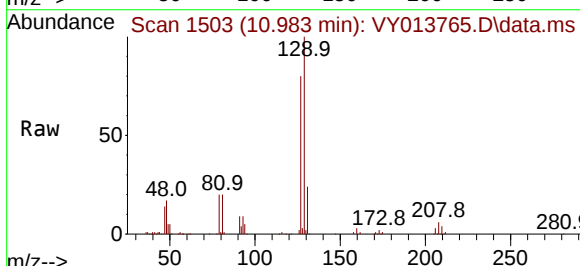
Acq: 16 May 2023 17:32

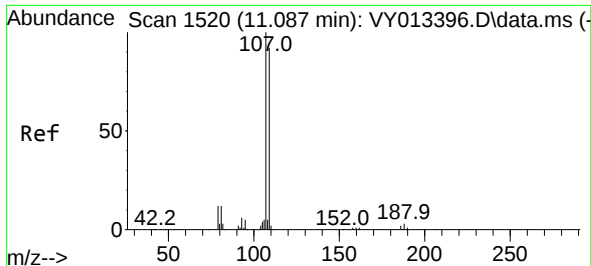
Tgt Ion: 129 Resp: 128141

Ion Ratio Lower Upper

129 100

127 78.2 38.7 116.1

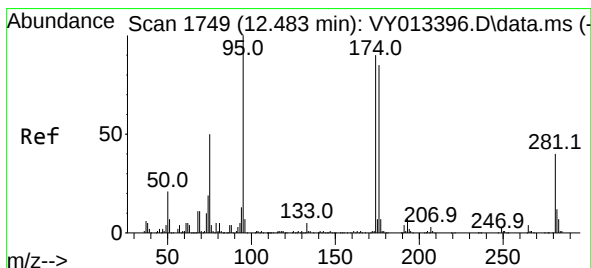
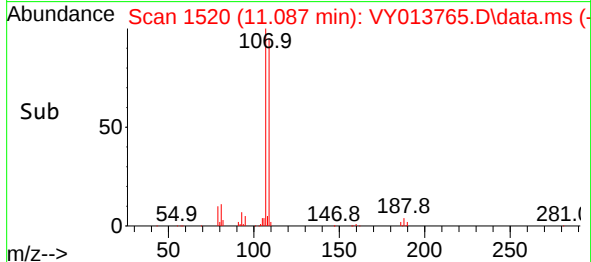
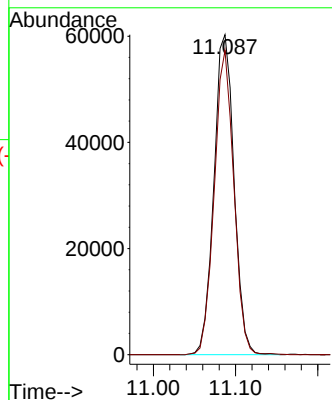
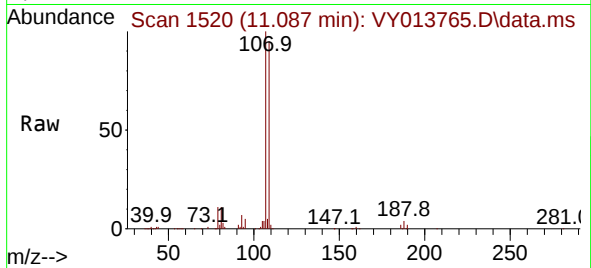




#61
1,2-Dibromoethane
Concen: 59.992 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY013765.D
Acq: 16 May 2023 17:32

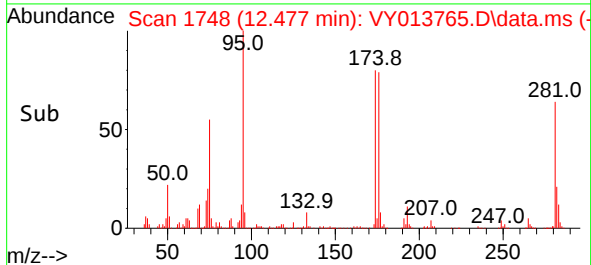
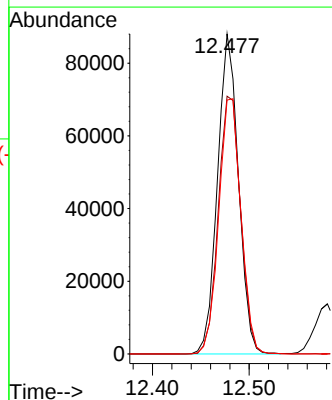
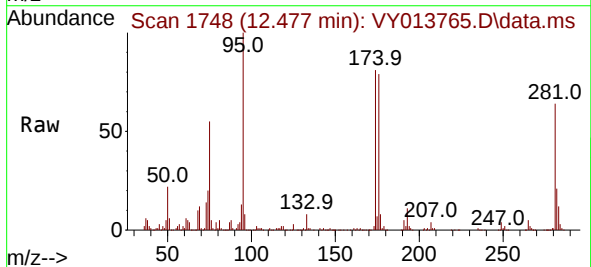
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

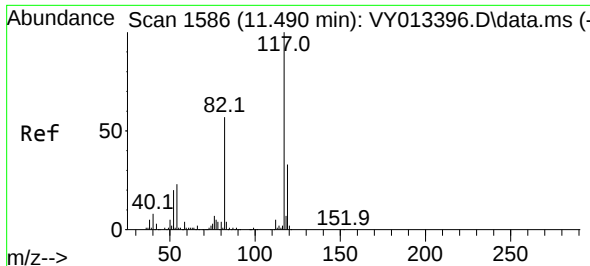
Tgt Ion:107 Resp: 102667
Ion Ratio Lower Upper
107 100
109 92.2 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 61.357 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY013765.D
Acq: 16 May 2023 17:32

Tgt Ion: 95 Resp: 132243
Ion Ratio Lower Upper
95 100
174 86.0 0.0 182.0
176 84.6 0.0 175.4

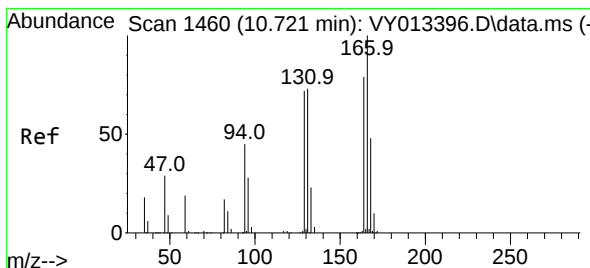
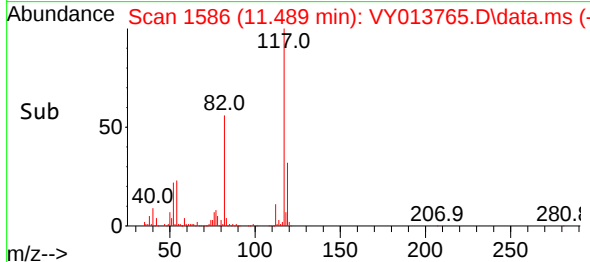
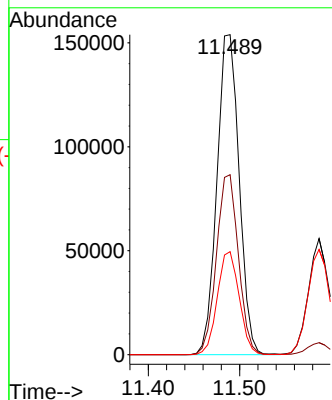
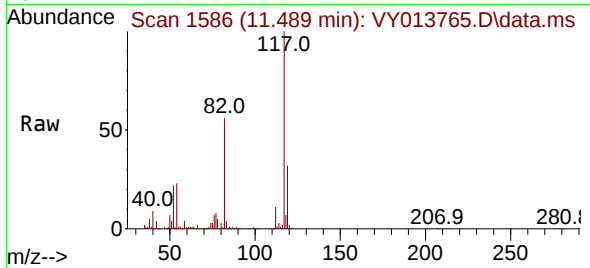




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013765.D
Acq: 16 May 2023 17:32

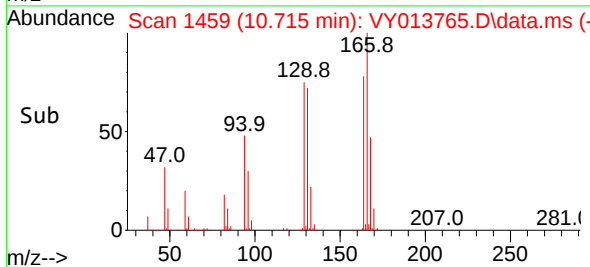
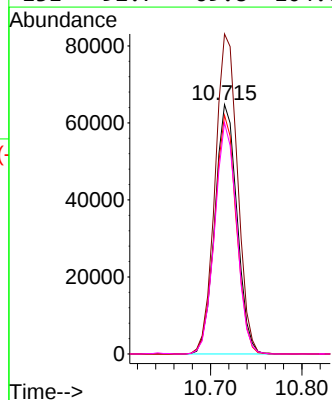
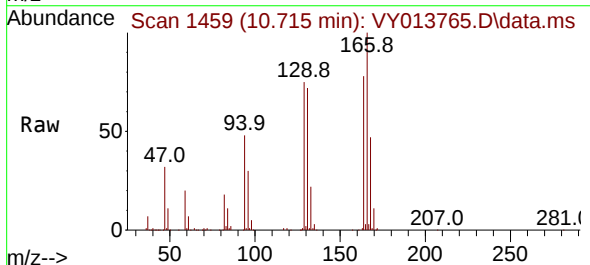
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

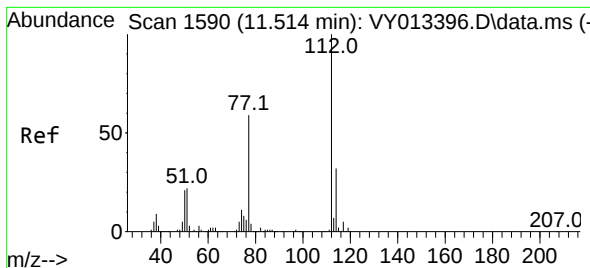
Tgt Ion:117 Resp: 259883
Ion Ratio Lower Upper
117 100
82 56.3 43.0 64.6
119 32.2 25.5 38.3



#64
Tetrachloroethene
Concen: 55.188 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VY013765.D
Acq: 16 May 2023 17:32

Tgt Ion:164 Resp: 109060
Ion Ratio Lower Upper
164 100
166 128.3 97.5 146.3
129 95.7 72.6 109.0
131 92.7 69.8 104.6





#65

Chlorobenzene

Concen: 57.850 ug/l

RT: 11.514 min Scan# 1590

Delta R.T. -0.000 min

Lab File: VY013765.D

Acq: 16 May 2023 17:32

Instrument :

MSVOA_Y

ClientSampleId :

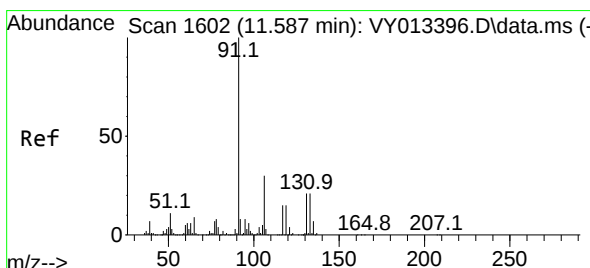
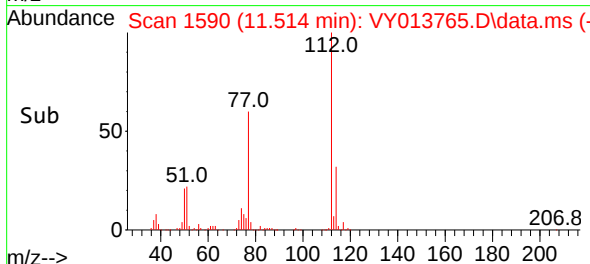
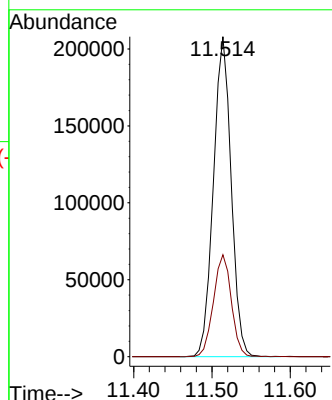
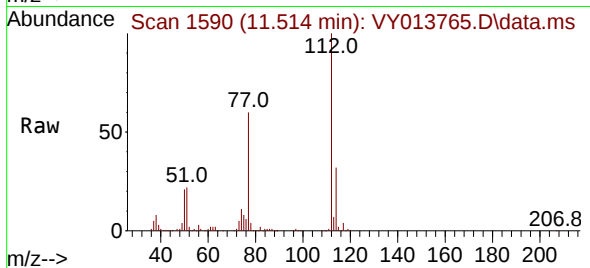
VSTDCCC050EC

Tgt Ion:112 Resp: 327504

Ion Ratio Lower Upper

112 100

114 31.8 24.9 37.3



#66

1,1,1,2-Tetrachloroethane

Concen: 60.772 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VY013765.D

Acq: 16 May 2023 17:32

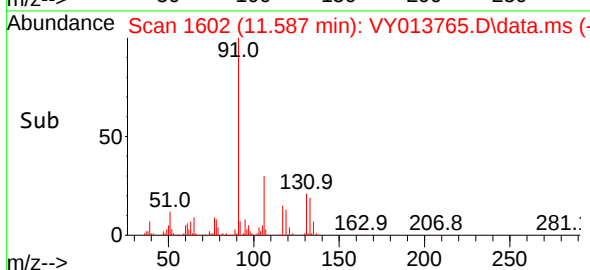
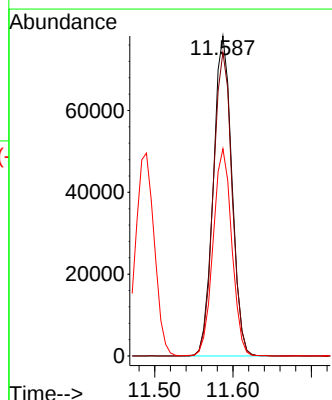
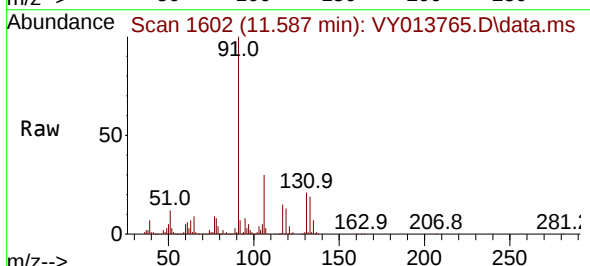
Tgt Ion:131 Resp: 128671

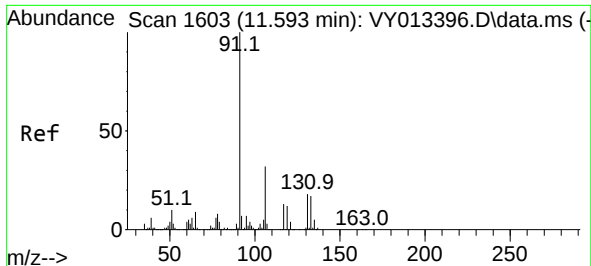
Ion Ratio Lower Upper

131 100

133 95.6 47.7 143.1

119 65.2 32.6 98.0





#67

Ethyl Benzene

Concen: 60.997 ug/l

RT: 11.587 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY013765.D

Acq: 16 May 2023 17:32

Instrument :

MSVOA_Y

ClientSampleId :

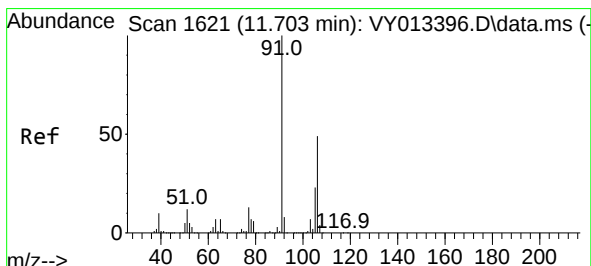
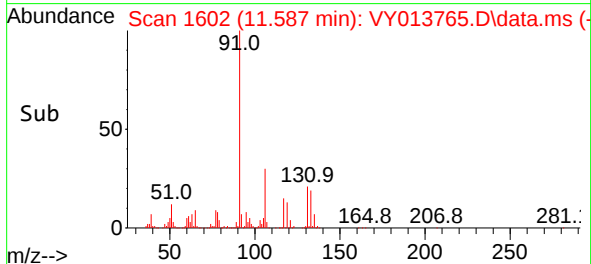
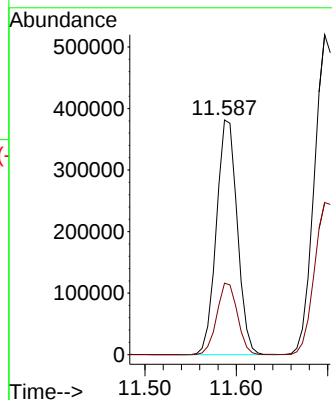
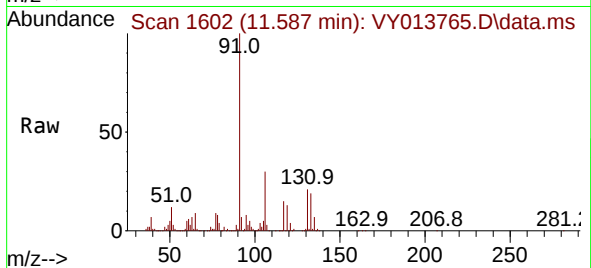
VSTDCCC050EC

Tgt Ion: 91 Resp: 606379

Ion Ratio Lower Upper

91 100

106 30.5 25.1 37.7



#68

m/p-Xylenes

Concen: 120.899 ug/l

RT: 11.697 min Scan# 1620

Delta R.T. -0.006 min

Lab File: VY013765.D

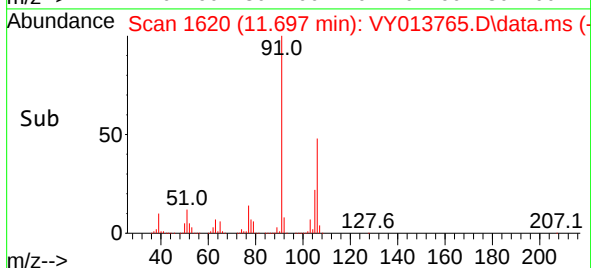
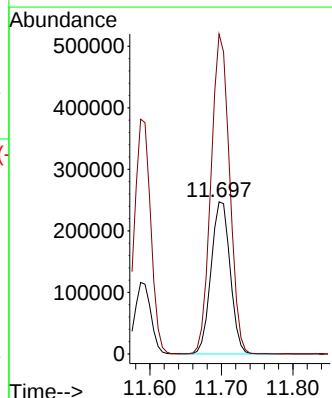
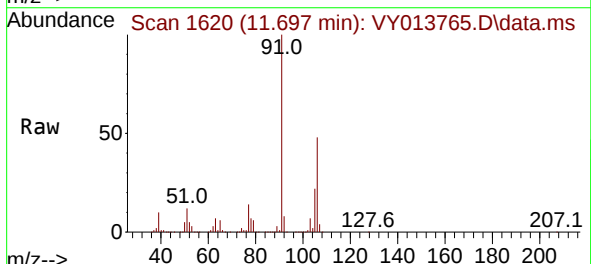
Acq: 16 May 2023 17:32

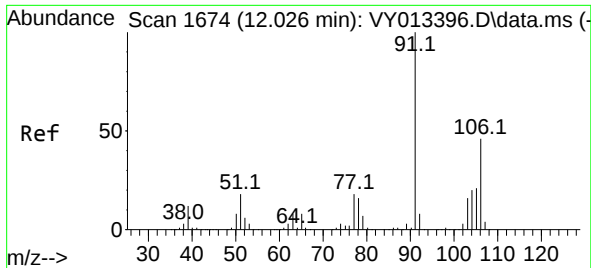
Tgt Ion:106 Resp: 456898

Ion Ratio Lower Upper

106 100

91 205.4 160.9 241.3

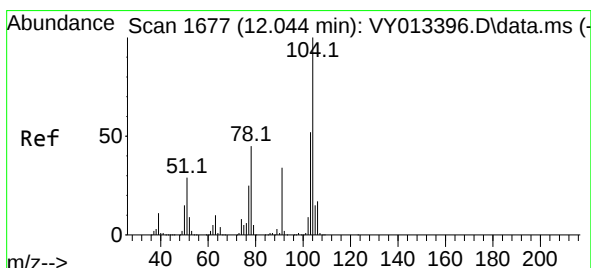
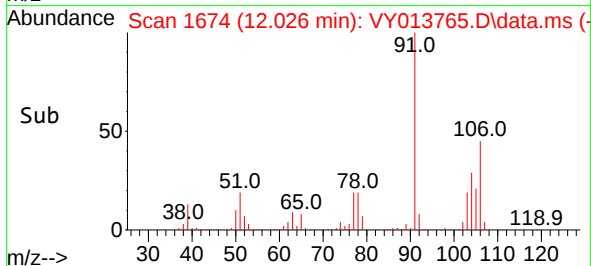
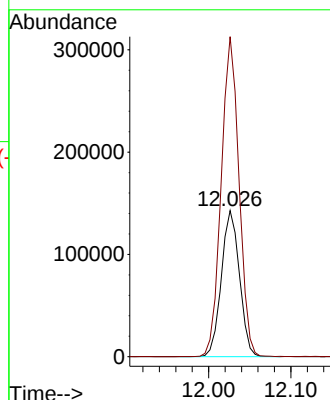
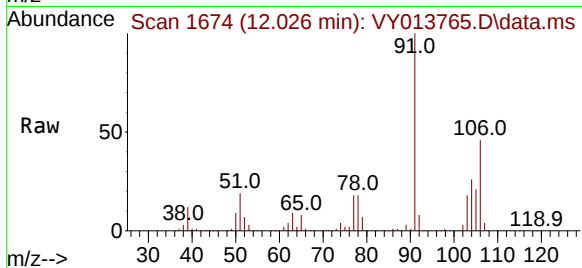




#69
o-Xylene
Concen: 61.029 ug/l
RT: 12.026 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY013765.D
Acq: 16 May 2023 17:32

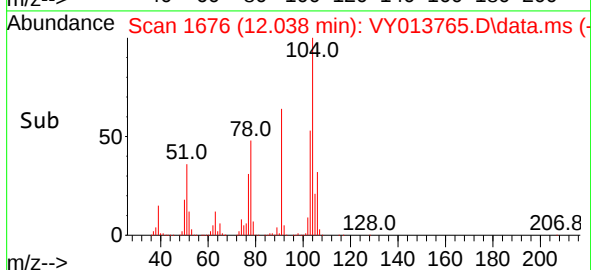
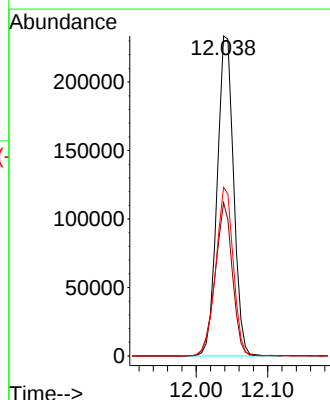
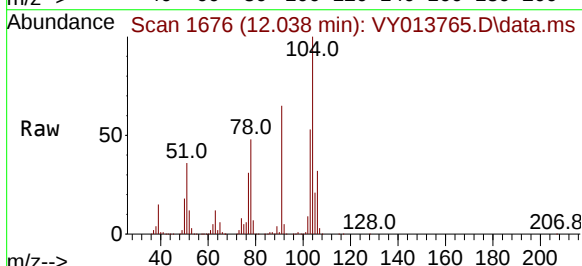
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

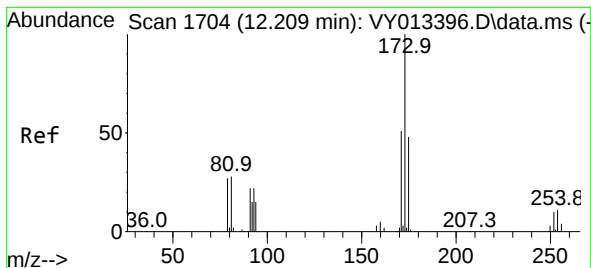
Tgt Ion:106 Resp: 218125
Ion Ratio Lower Upper
106 100
91 215.9 105.5 316.4



#70
Styrene
Concen: 62.524 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. -0.006 min
Lab File: VY013765.D
Acq: 16 May 2023 17:32

Tgt Ion:104 Resp: 373650
Ion Ratio Lower Upper
104 100
78 50.0 40.3 60.5
103 56.1 45.0 67.4





#71

Bromoform

Concen: 59.153 ug/l

RT: 12.203 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY013765.D

Acq: 16 May 2023 17:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

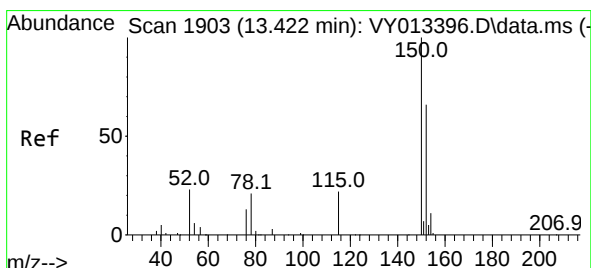
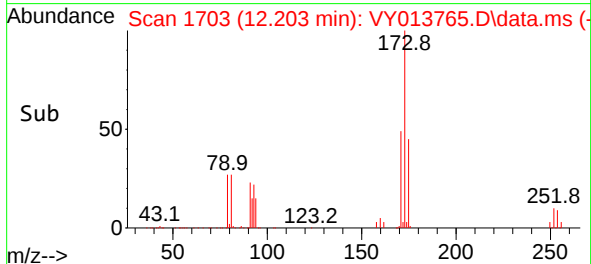
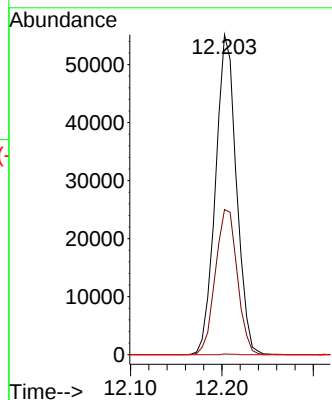
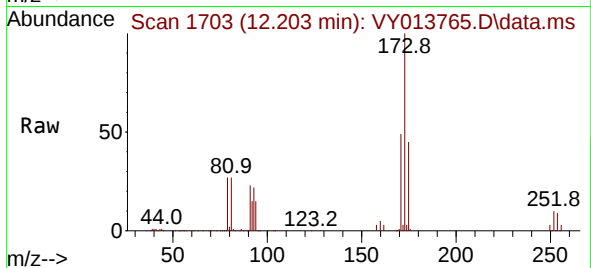
Tgt Ion:173 Resp: 87727

Ion Ratio Lower Upper

173 100

175 47.6 24.3 72.8

254 0.1 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY013765.D

Acq: 16 May 2023 17:32

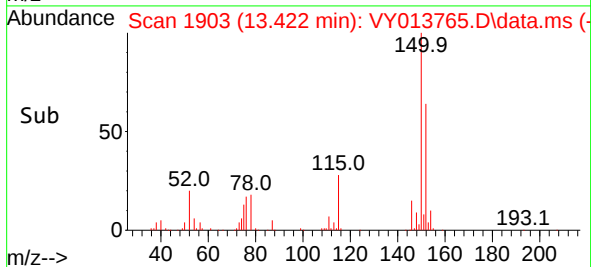
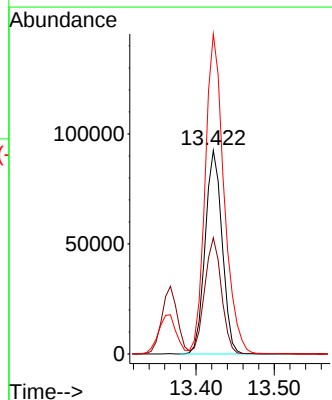
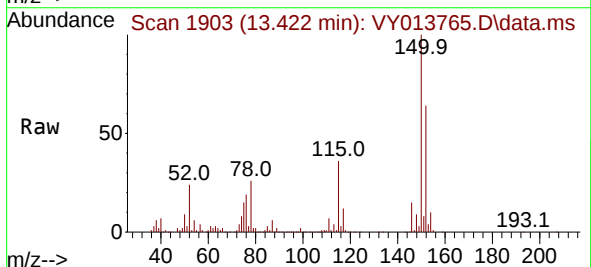
Tgt Ion:152 Resp: 138728

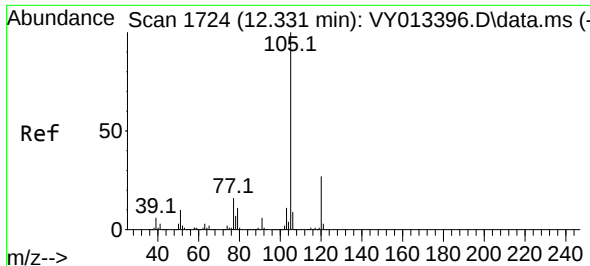
Ion Ratio Lower Upper

152 100

115 56.7 28.1 84.2

150 174.3 0.0 352.0

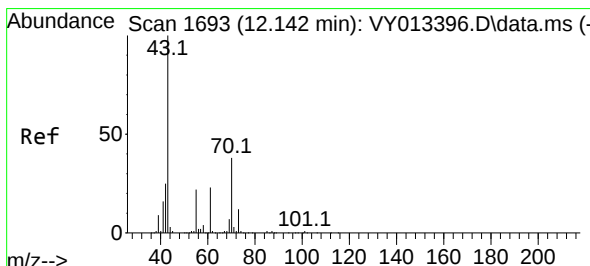
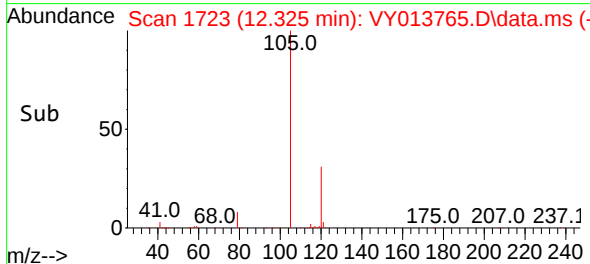
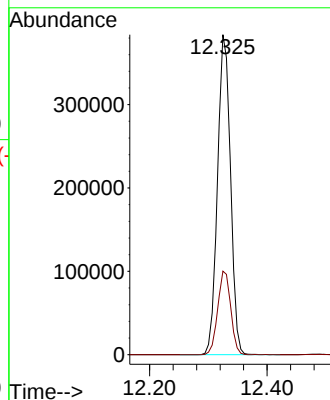
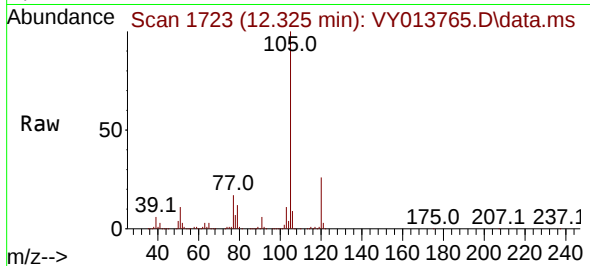




#73
Isopropylbenzene
Concen: 55.914 ug/l
RT: 12.325 min Scan# 1723
Delta R.T. -0.006 min
Lab File: VY013765.D
Acq: 16 May 2023 17:32

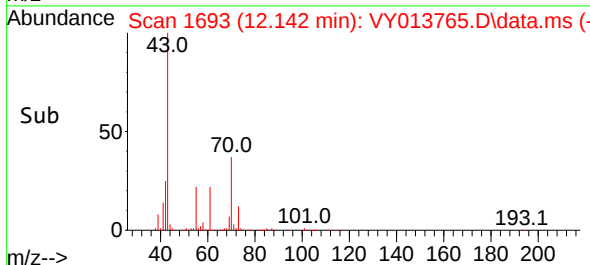
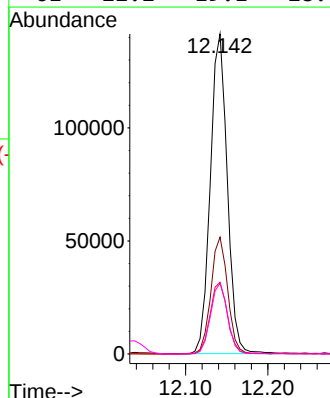
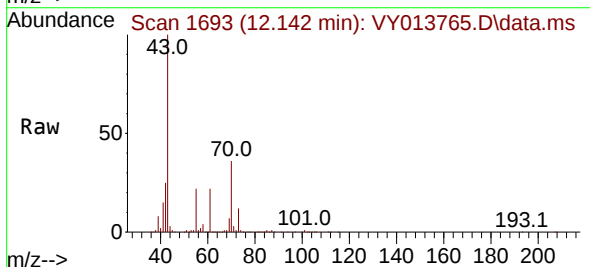
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

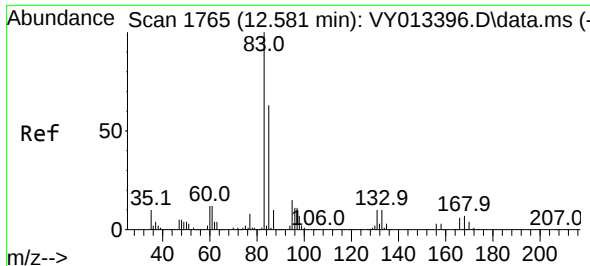
Tgt Ion:105 Resp: 586695
Ion Ratio Lower Upper
105 100
120 26.1 13.7 41.0



#74
N-ethyl acetate
Concen: 54.323 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY013765.D
Acq: 16 May 2023 17:32

Tgt Ion: 43 Resp: 202843
Ion Ratio Lower Upper
43 100
70 36.2 33.0 49.4
55 23.2 19.8 29.6
61 22.2 19.1 28.7

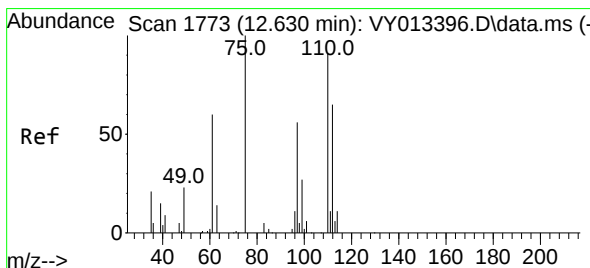
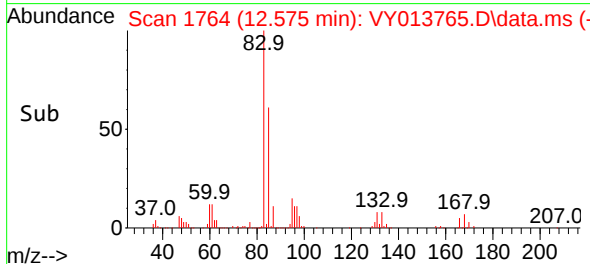
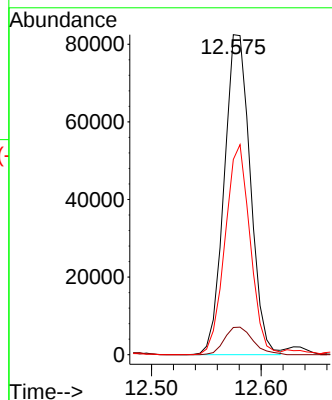
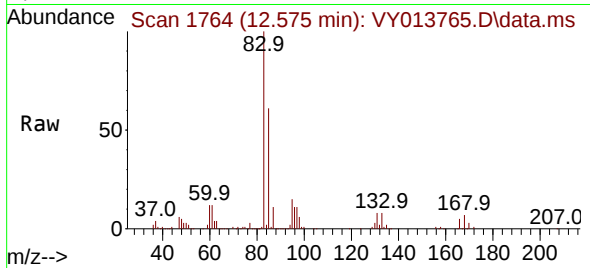




#75
 1,1,2,2-Tetrachloroethane
 Concen: 53.211 ug/l
 RT: 12.575 min Scan# 1764
 Delta R.T. -0.006 min
 Lab File: VY013765.D
 Acq: 16 May 2023 17:32

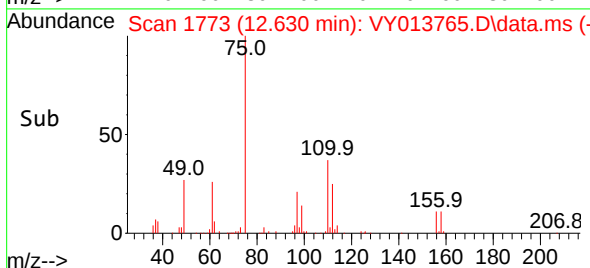
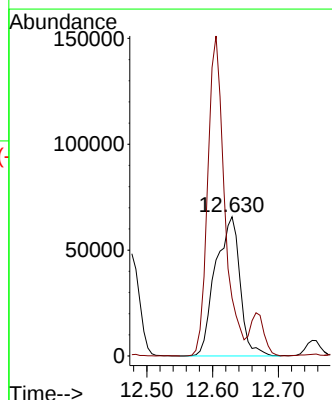
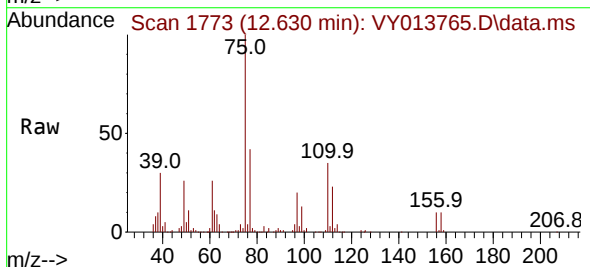
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

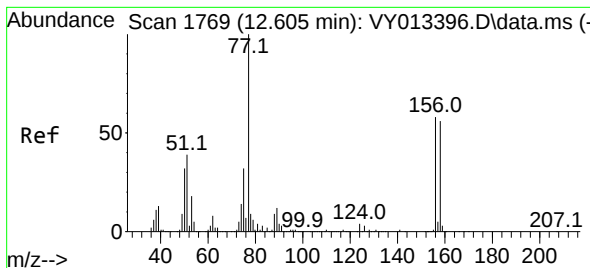
Tgt Ion: 83 Resp: 136472
 Ion Ratio Lower Upper
 83 100
 131 9.3 5.7 17.0
 85 63.1 31.8 95.4



#76
 1,2,3-Trichloropropane
 Concen: 91.336 ug/l
 RT: 12.630 min Scan# 1773
 Delta R.T. 0.001 min
 Lab File: VY013765.D
 Acq: 16 May 2023 17:32

Tgt Ion: 75 Resp: 170882
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 54.445 ug/l

RT: 12.605 min Scan# 1779

Delta R.T. -0.006 min

Lab File: VY013765.D

Acq: 16 May 2023 17:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDC0050EC

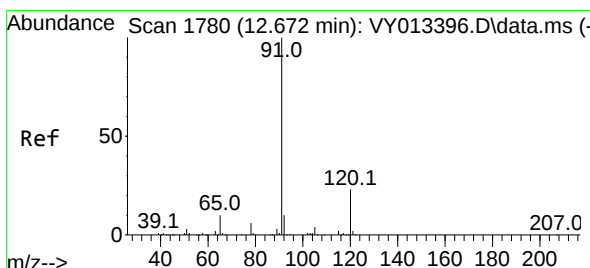
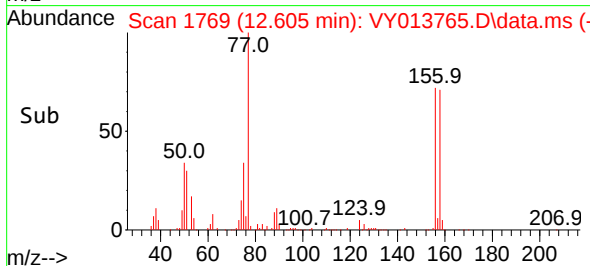
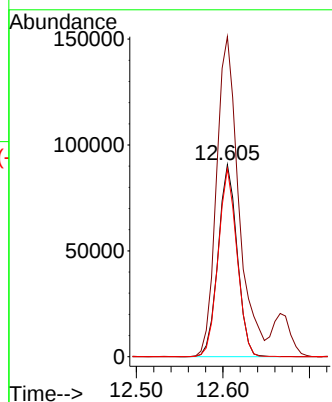
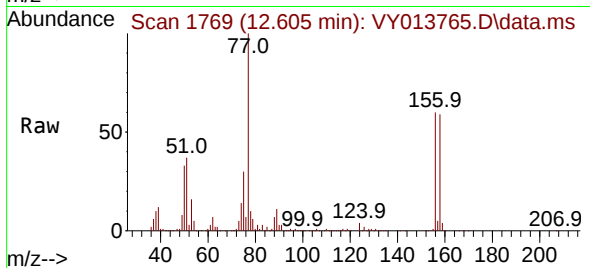
Tgt Ion:156 Resp: 138424

Ion Ratio Lower Upper

156 100

77 194.9 87.6 262.9

158 96.7 48.5 145.5



#78

n-propylbenzene

Concen: 56.506 ug/l

RT: 12.666 min Scan# 1779

Delta R.T. -0.006 min

Lab File: VY013765.D

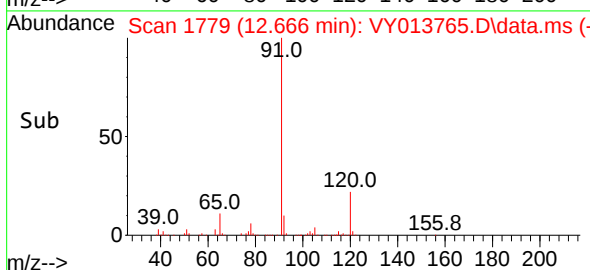
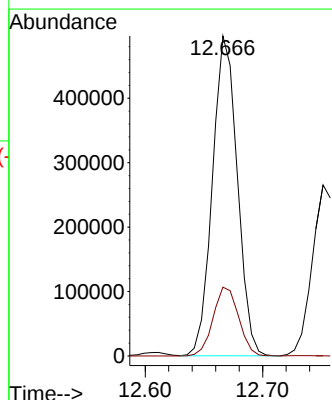
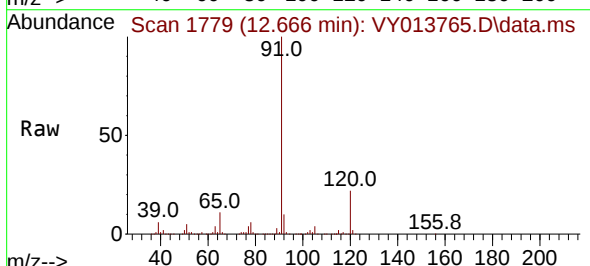
Acq: 16 May 2023 17:32

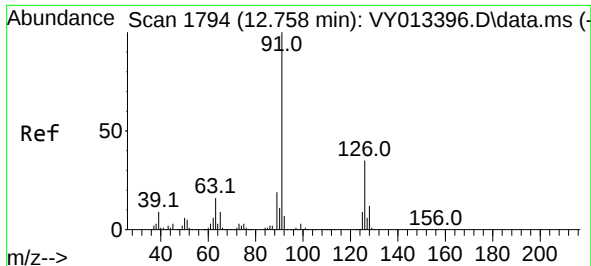
Tgt Ion: 91 Resp: 730300

Ion Ratio Lower Upper

91 100

120 22.1 11.9 35.9





#79

2-Chlorotoluene

Concen: 56.300 ug/l

RT: 12.751 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY013765.D

Acq: 16 May 2023 17:32

Instrument :

MSVOA_Y

ClientSampleId :

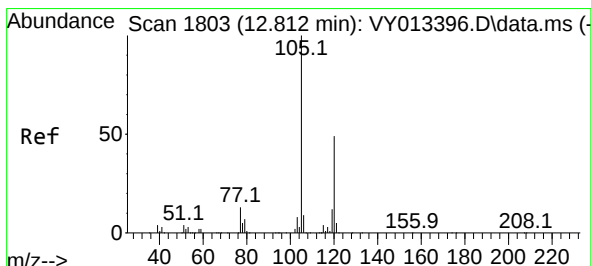
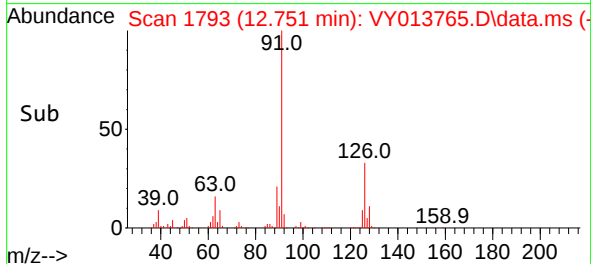
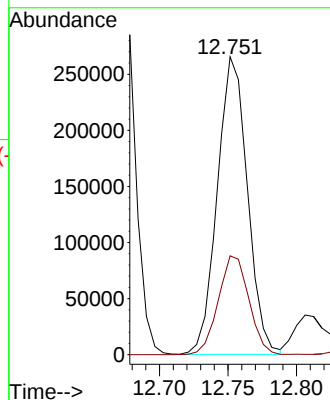
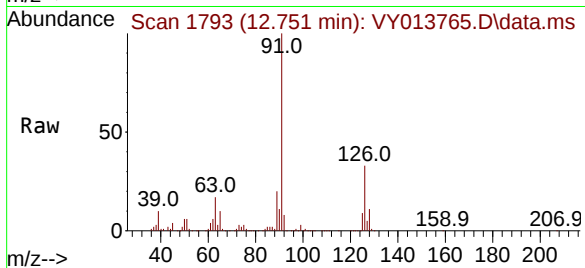
VSTDCCC050EC

Tgt Ion: 91 Resp: 406338

Ion Ratio Lower Upper

91 100

126 33.7 17.8 53.4



#80

1,3,5-Trimethylbenzene

Concen: 56.864 ug/l

RT: 12.806 min Scan# 1802

Delta R.T. -0.006 min

Lab File: VY013765.D

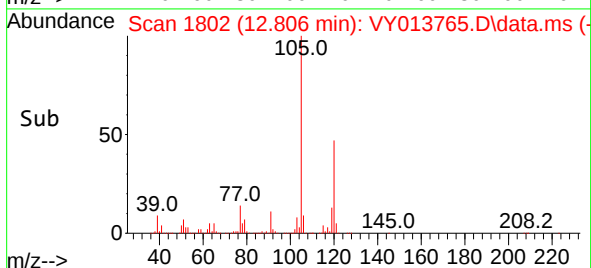
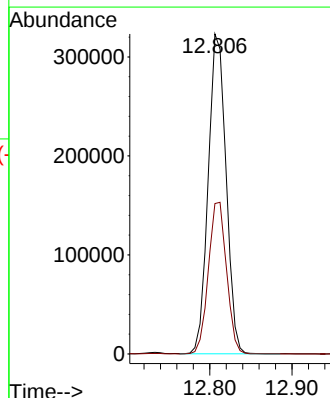
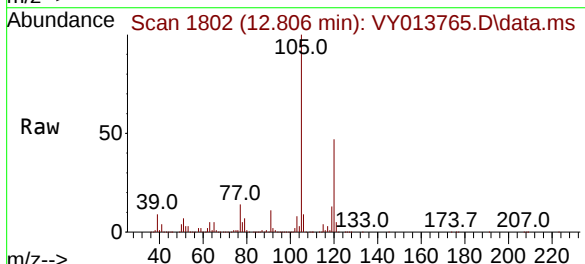
Acq: 16 May 2023 17:32

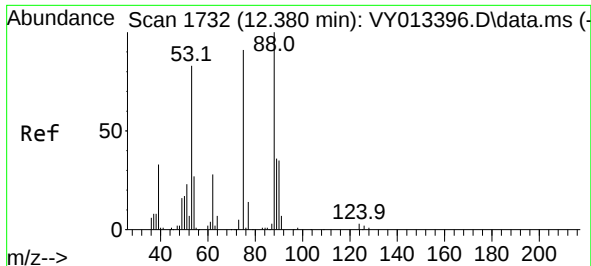
Tgt Ion:105 Resp: 486995

Ion Ratio Lower Upper

105 100

120 48.1 24.7 74.1

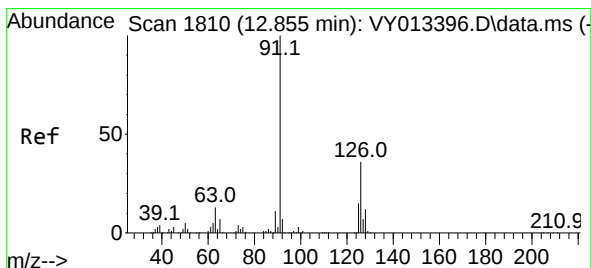
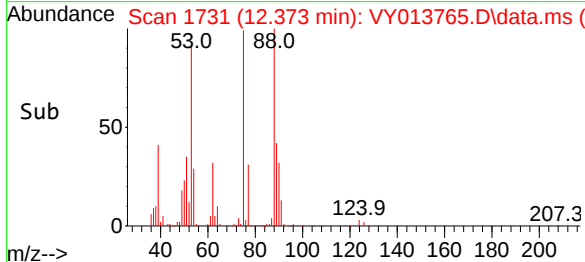
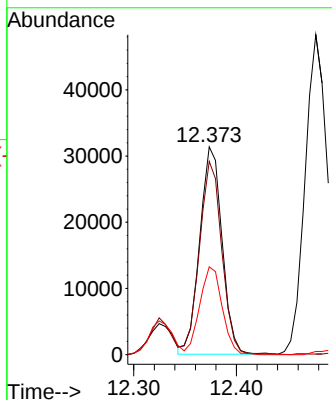
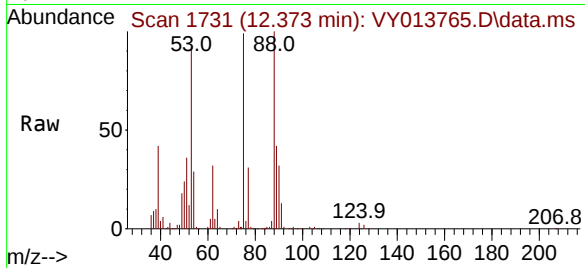




#81
trans-1,4-Dichloro-2-butene
Concen: 51.738 ug/l
RT: 12.373 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY013765.D
Acq: 16 May 2023 17:32

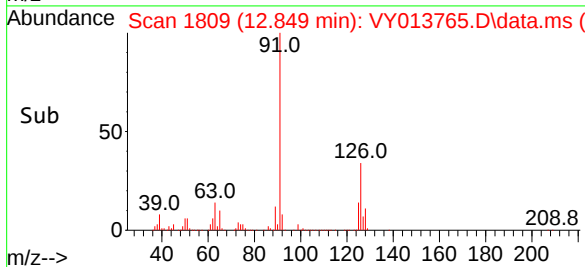
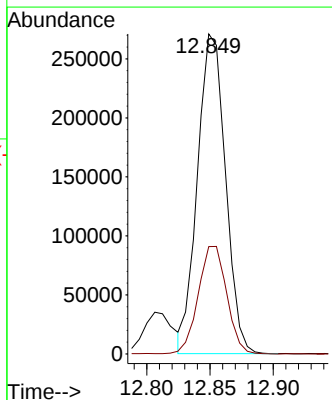
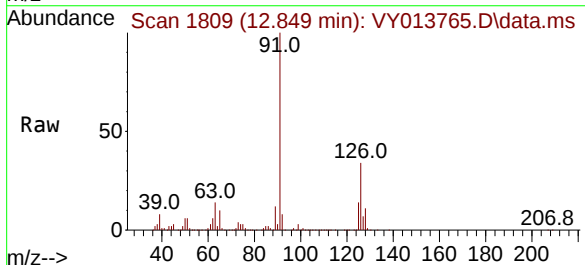
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

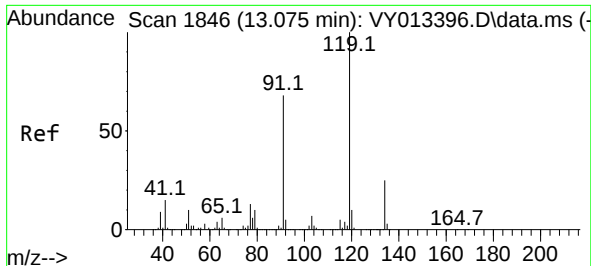
Tgt Ion: 75 Resp: 47321
Ion Ratio Lower Upper
75 100
53 93.9 73.2 109.8
89 42.6 38.0 57.0



#82
4-Chlorotoluene
Concen: 55.584 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. -0.006 min
Lab File: VY013765.D
Acq: 16 May 2023 17:32

Tgt Ion: 91 Resp: 418130
Ion Ratio Lower Upper
91 100
126 34.3 17.9 53.8

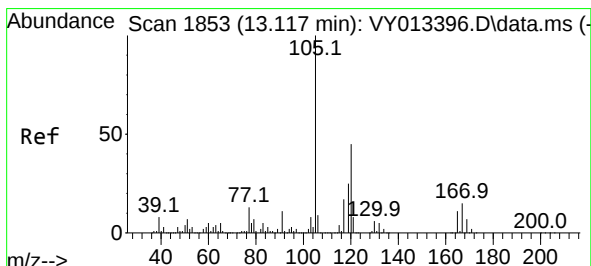
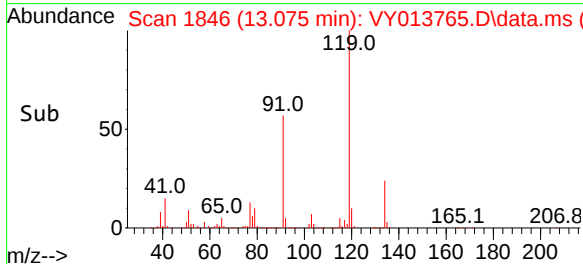
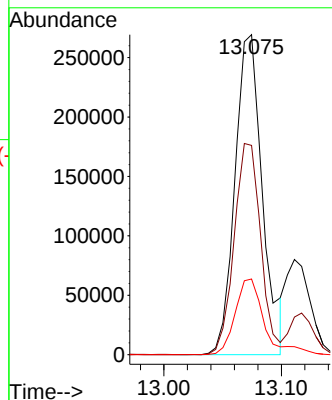
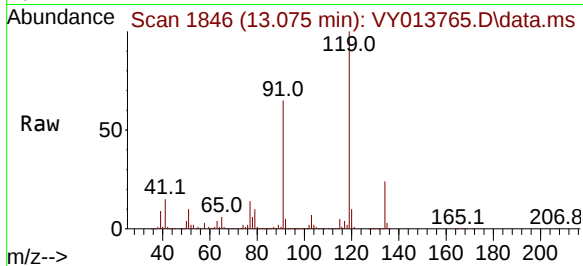




#83
tert-Butylbenzene
Concen: 58.939 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. 0.001 min
Lab File: VY013765.D
Acq: 16 May 2023 17:32

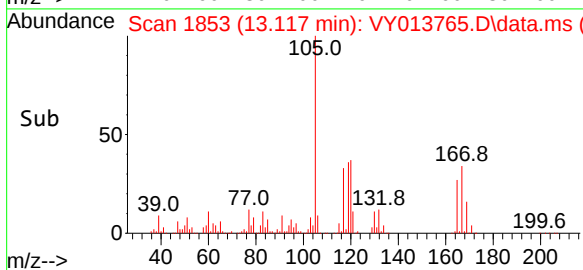
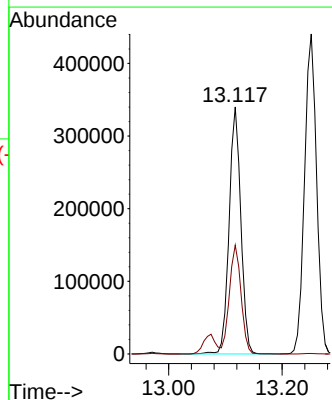
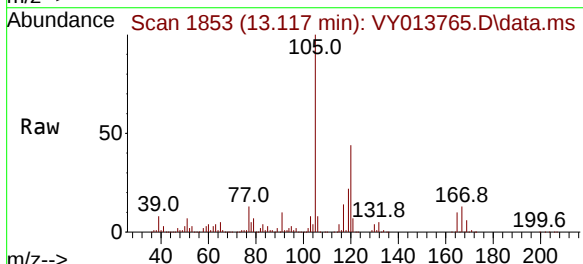
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

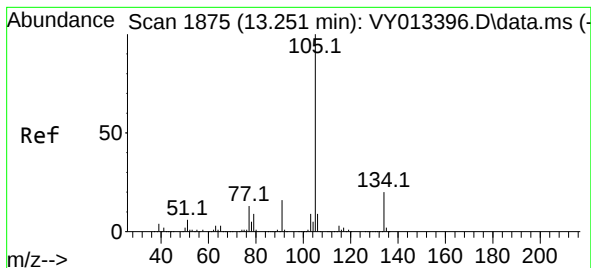
Tgt Ion:119 Resp: 437312
Ion Ratio Lower Upper
119 100
91 63.9 32.2 96.6
134 25.0 13.0 38.9



#84
1,2,4-Trimethylbenzene
Concen: 58.399 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY013765.D
Acq: 16 May 2023 17:32

Tgt Ion:105 Resp: 486261
Ion Ratio Lower Upper
105 100
120 43.7 22.3 66.9





#85

sec-Butylbenzene

Concen: 58.242 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY013765.D

Acq: 16 May 2023 17:32

Instrument :

MSVOA_Y

ClientSampleId :

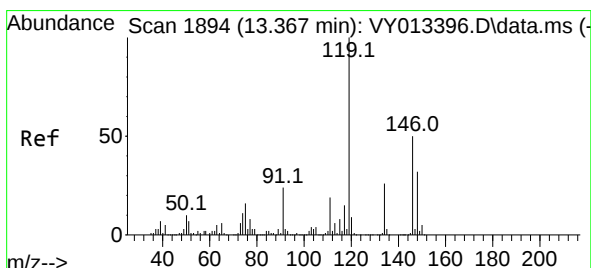
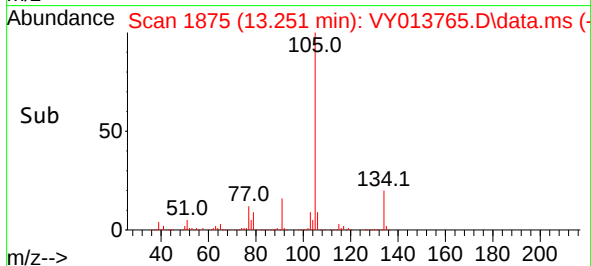
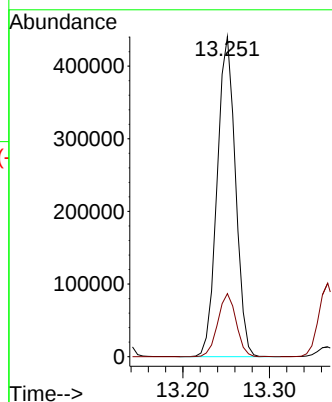
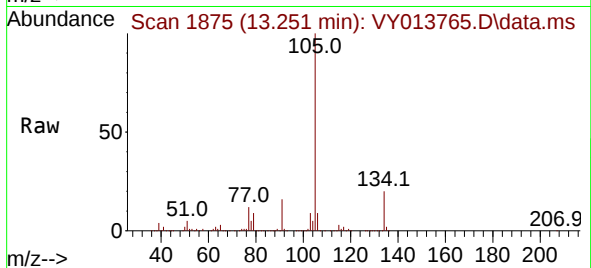
VSTDCCC050EC

Tgt Ion:105 Resp: 648562

Ion Ratio Lower Upper

105 100

134 19.7 10.3 30.9



#86

p-Isopropyltoluene

Concen: 58.616 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY013765.D

Acq: 16 May 2023 17:32

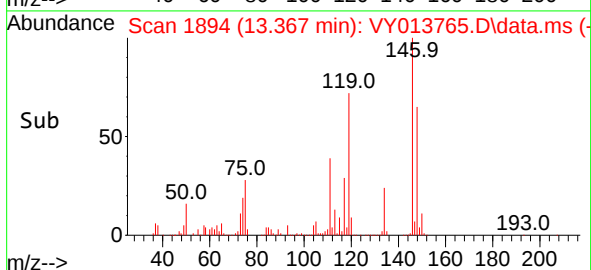
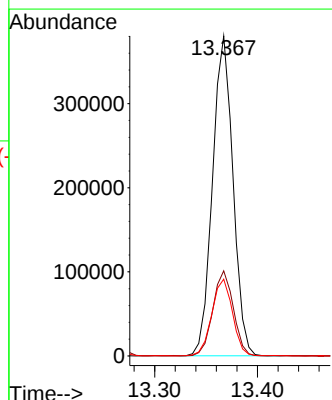
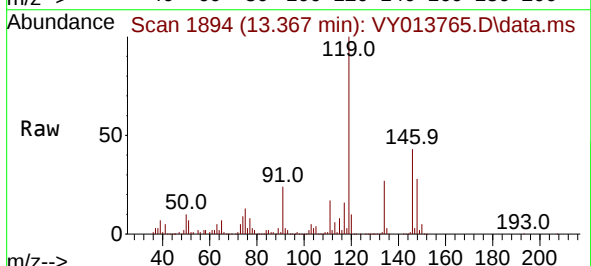
Tgt Ion:119 Resp: 524905

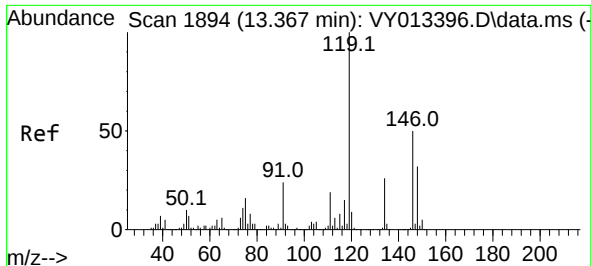
Ion Ratio Lower Upper

119 100

134 26.6 13.4 40.2

91 24.2 12.1 36.3

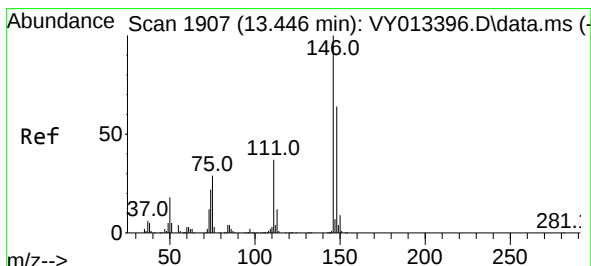
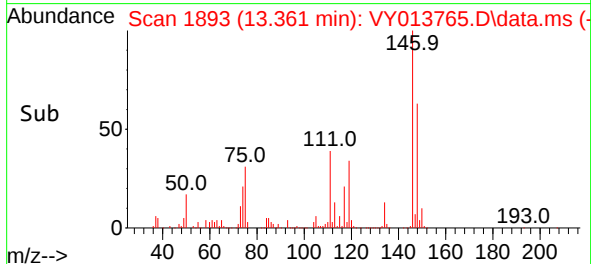
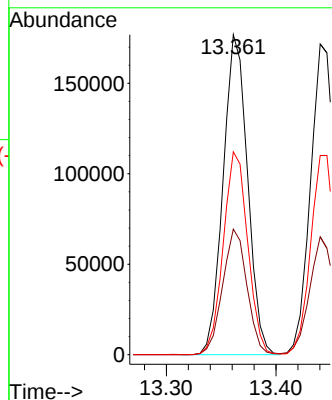
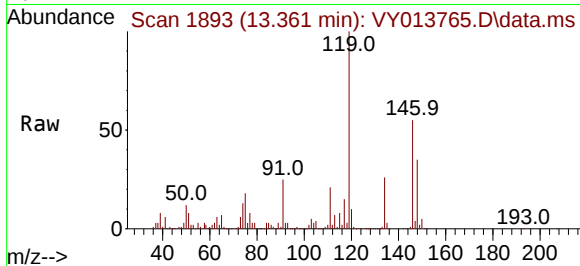




#87
1,3-Dichlorobenzene
Concen: 56.514 ug/l
RT: 13.361 min Scan# 1893
Delta R.T. -0.006 min
Lab File: VY013765.D
Acq: 16 May 2023 17:32

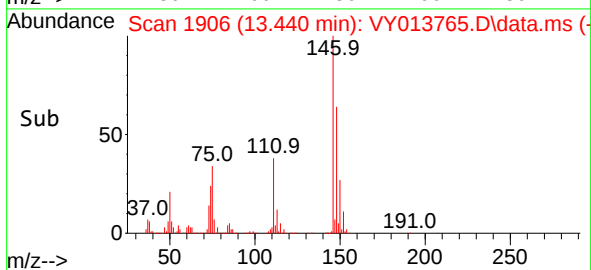
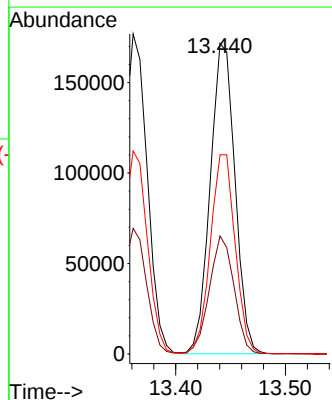
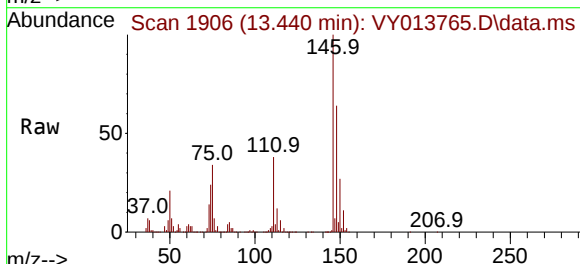
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

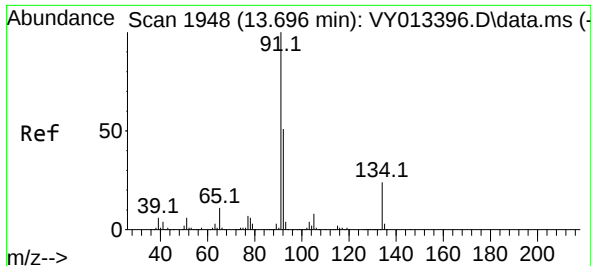
Tgt Ion:146 Resp: 273742
Ion Ratio Lower Upper
146 100
111 39.0 19.3 57.9
148 63.5 31.9 95.7



#88
1,4-Dichlorobenzene
Concen: 55.230 ug/l
RT: 13.440 min Scan# 1906
Delta R.T. -0.006 min
Lab File: VY013765.D
Acq: 16 May 2023 17:32

Tgt Ion:146 Resp: 270240
Ion Ratio Lower Upper
146 100
111 37.8 18.9 56.5
148 64.5 31.9 95.5





#89

n-Butylbenzene

Concen: 59.725 ug/l

RT: 13.690 min Scan# 1948

Delta R.T. -0.006 min

Lab File: VY013765.D

Acq: 16 May 2023 17:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

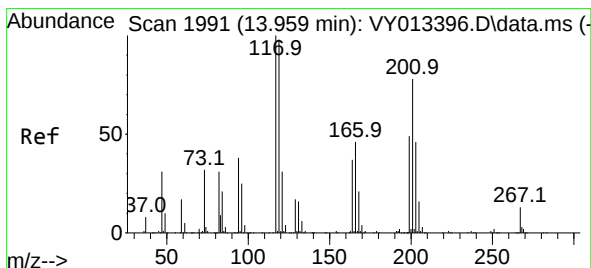
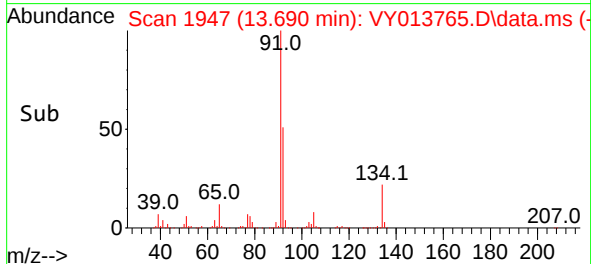
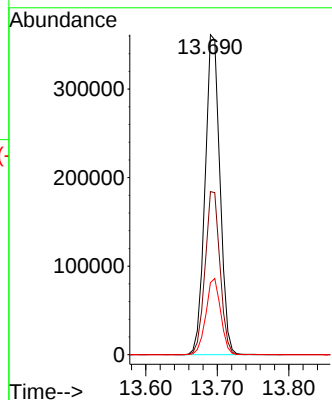
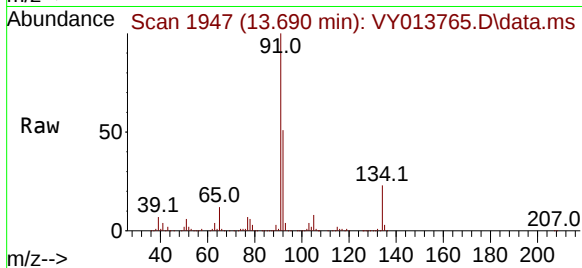
Tgt Ion: 91 Resp: 522016

Ion Ratio Lower Upper

91 100

92 51.2 25.8 77.3

134 23.7 13.5 40.4



#90

Hexachloroethane

Concen: 56.068 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. 0.001 min

Lab File: VY013765.D

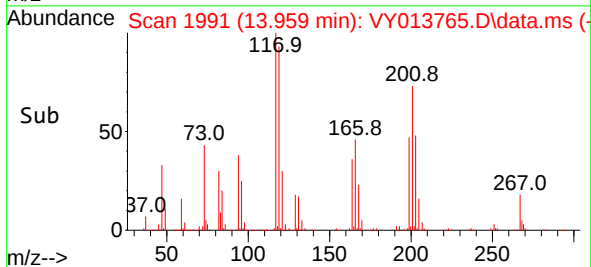
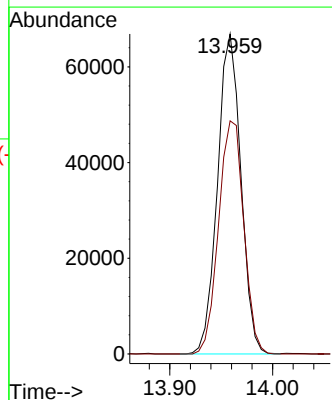
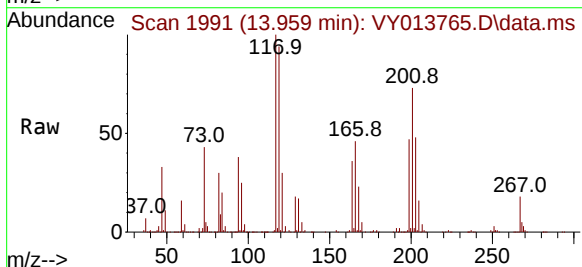
Acq: 16 May 2023 17:32

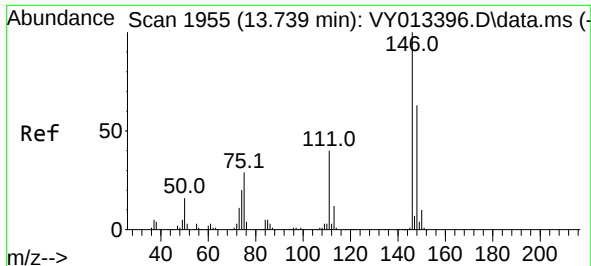
Tgt Ion: 117 Resp: 105673

Ion Ratio Lower Upper

117 100

201 78.3 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 56.864 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY013765.D

Acq: 16 May 2023 17:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

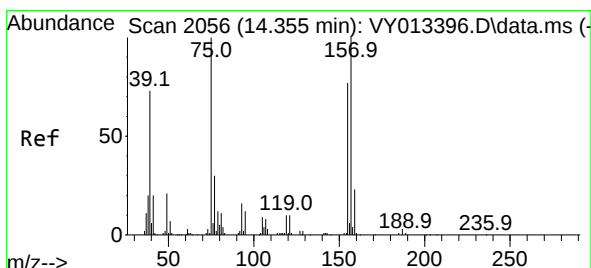
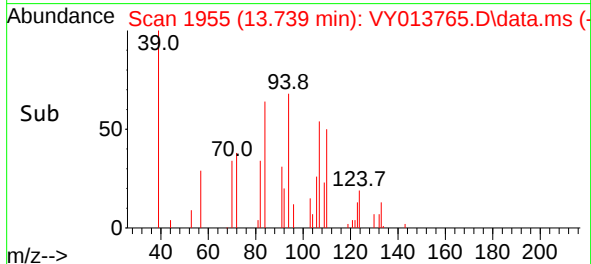
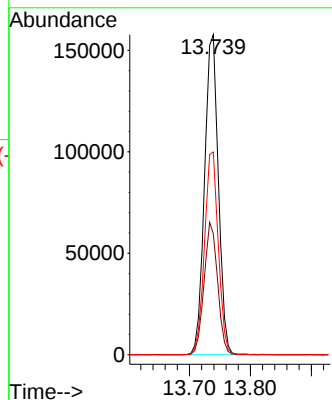
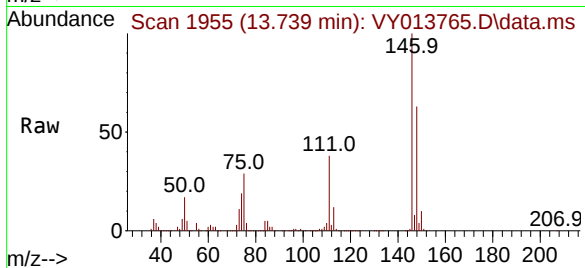
Tgt Ion:146 Resp: 248729

Ion Ratio Lower Upper

146 100

111 40.5 19.8 59.4

148 63.3 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 49.236 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VY013765.D

Acq: 16 May 2023 17:32

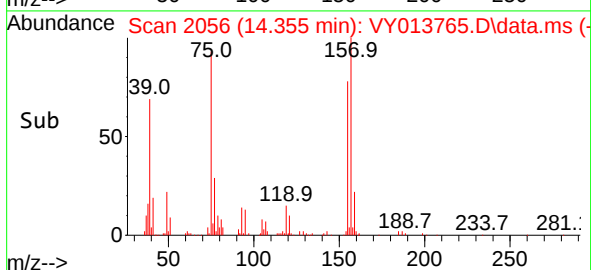
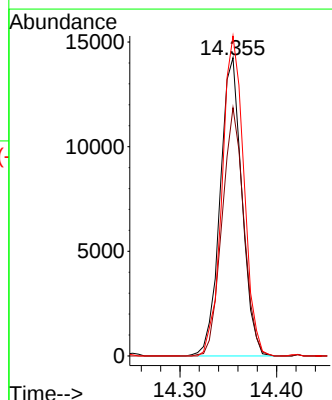
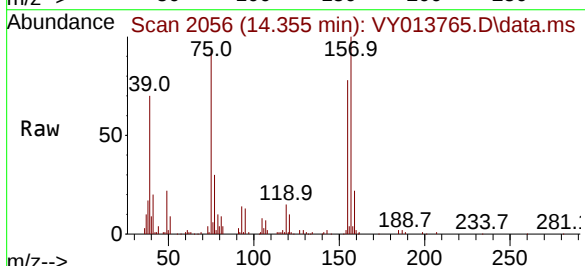
Tgt Ion: 75 Resp: 22302

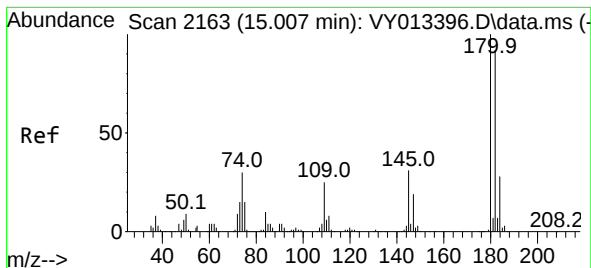
Ion Ratio Lower Upper

75 100

155 82.6 44.6 134.0

157 107.0 57.6 172.7





#93

1,2,4-Trichlorobenzene

Concen: 59.388 ug/l

RT: 15.001 min Scan# 2163

Delta R.T. -0.006 min

Lab File: VY013765.D

Acq: 16 May 2023 17:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

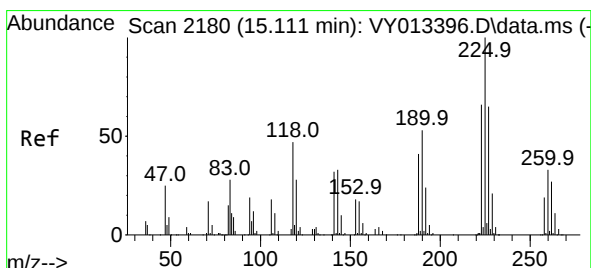
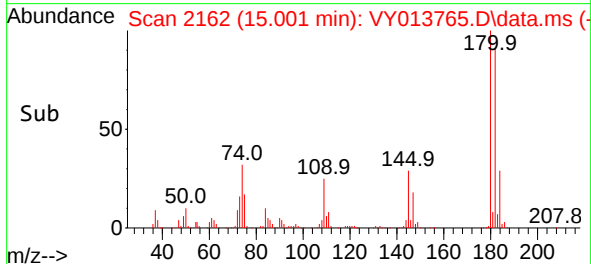
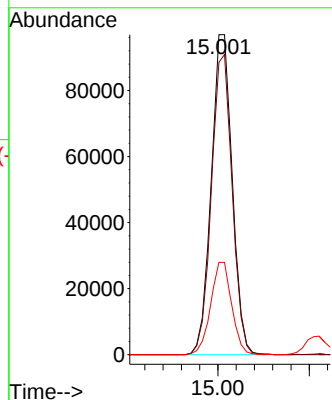
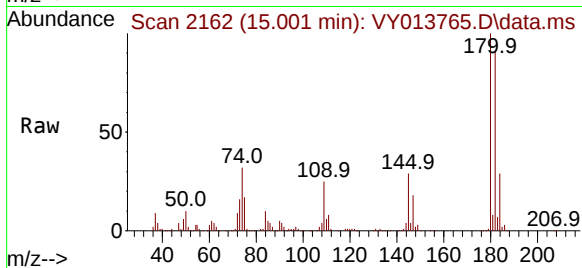
Tgt Ion:180 Resp: 154877

Ion Ratio Lower Upper

180 100

182 92.9 48.5 145.5

145 28.9 15.0 45.0



#94

Hexachlorobutadiene

Concen: 61.058 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY013765.D

Acq: 16 May 2023 17:32

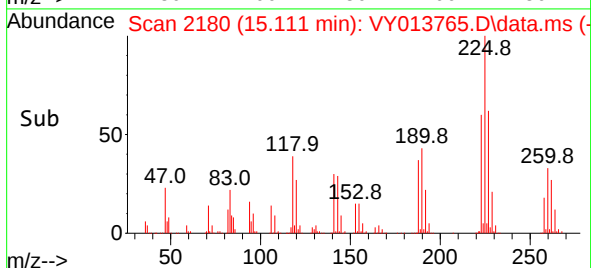
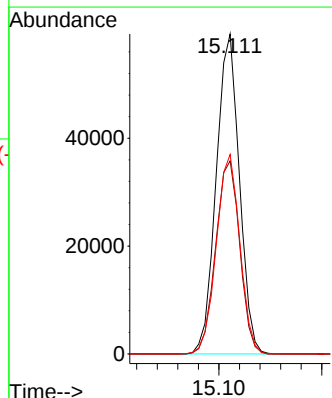
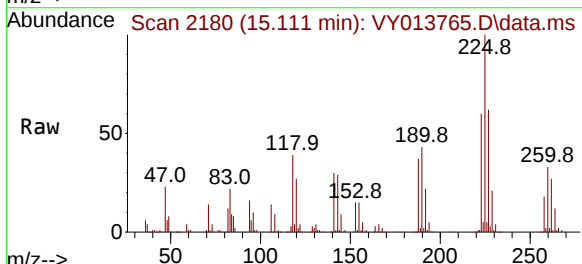
Tgt Ion:225 Resp: 92670

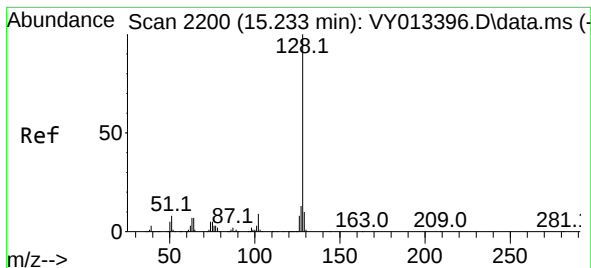
Ion Ratio Lower Upper

225 100

223 62.5 31.4 94.2

227 63.3 32.0 96.0





#95

Naphthalene

Concen: 55.091 ug/l

RT: 15.233 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY013765.D

Acq: 16 May 2023 17:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

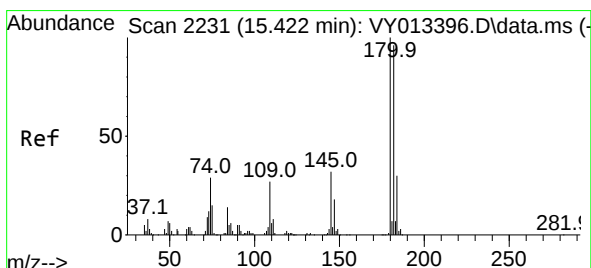
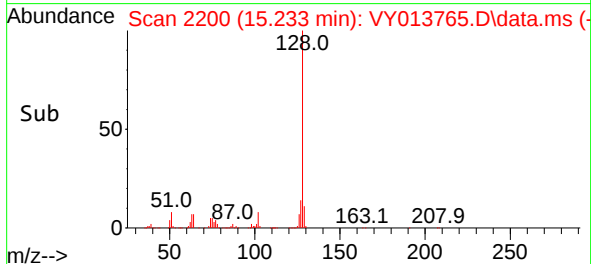
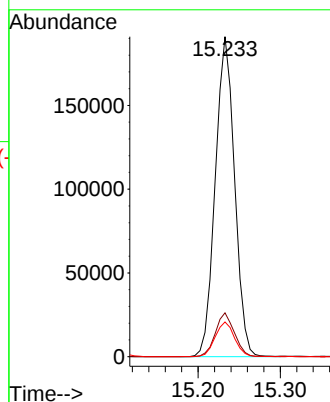
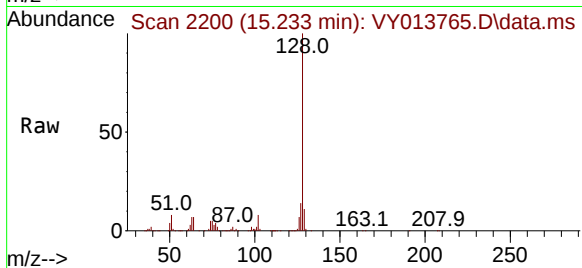
Tgt Ion:128 Resp: 311723

Ion Ratio Lower Upper

128 100

127 13.5 10.7 16.1

129 10.9 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 58.295 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY013765.D

Acq: 16 May 2023 17:32

Tgt Ion:180 Resp: 135499

Ion Ratio Lower Upper

180 100

182 96.6 47.1 141.3

145 30.9 15.9 47.7

