

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041223\
 Data File : VY013259.D
 Acq On : 12 Apr 2023 10:36
 Operator : KP/MD
 Sample : VSTDICC005
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC005

Quant Time: Apr 13 04:53:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041223S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 13 04:49:41 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	232197	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	369139	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	331679	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	164187	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	14956	5.360	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	10.720%#
35) Dibromofluoromethane	7.716	113	12649	5.293	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	10.580%#
50) Toluene-d8	10.179	98	44047	4.952	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	9.900%#
62) 4-Bromofluorobenzene	12.477	95	14064	4.866	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	9.740%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	11009	5.268	ug/l	92
3) Chloromethane	2.113	50	14914	5.696	ug/l	98
4) Vinyl Chloride	2.253	62	12982	5.230	ug/l	93
5) Bromomethane	2.656	94	11169	5.868	ug/l	95
6) Chloroethane	2.790	64	8986	5.368	ug/l	92
7) Trichlorofluoromethane	3.119	101	20879	5.404	ug/l	93
8) Diethyl Ether	3.528	74	7425	5.290	ug/l	81
9) 1,1,2-Trichlorotrifluo...	3.900	101	12527	5.518	ug/l	98
10) Methyl Iodide	4.082	142	12683	4.554	ug/l #	94
11) Tert butyl alcohol	4.924	59	16403	36.782	ug/l #	77
12) 1,1-Dichloroethene	3.869	96	11116	5.088	ug/l	99
13) Acrolein	3.723	56	8700	25.380	ug/l	96
14) Allyl chloride	4.473	41	21926	5.253	ug/l	96
15) Acrylonitrile	5.162	53	20645	25.595	ug/l	95
16) Acetone	3.954	43	25169	26.239	ug/l	95
17) Carbon Disulfide	4.192	76	38034	5.287	ug/l #	92
18) Methyl Acetate	4.479	43	15453	4.980	ug/l	98
19) Methyl tert-butyl Ether	5.216	73	30483	4.657	ug/l	95
20) Methylene Chloride	4.716	84	21102	7.085	ug/l	96
21) trans-1,2-Dichloroethene	5.216	96	13371	5.361	ug/l	90
22) Diisopropyl ether	6.113	45	41984	5.104	ug/l #	88
23) Vinyl Acetate	6.058	43	123607	23.770	ug/l	95
24) 1,1-Dichloroethane	6.021	63	24274	5.283	ug/l	93
25) 2-Butanone	6.990	43	31086	25.305	ug/l	97
26) 2,2-Dichloropropane	6.978	77	22025	5.343	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	13789	5.084	ug/l	89
28) Bromochloromethane	7.332	49	8896	4.858	ug/l	86
29) Tetrahydrofuran	7.344	42	16840	22.570	ug/l	98
30) Chloroform	7.496	83	25182	5.416	ug/l	88
31) Cyclohexane	7.783	56	24274	5.753	ug/l #	74
32) 1,1,1-Trichloroethane	7.704	97	22590	5.370	ug/l	98
36) 1,1-Dichloropropene	7.917	75	18186	5.023	ug/l	100
37) Ethyl Acetate	7.076	43	13675	4.686	ug/l	97
38) Carbon Tetrachloride	7.893	117	20827	5.203	ug/l	92
39) Methylcyclohexane	9.185	83	19136	4.547	ug/l	93
40) Benzene	8.161	78	54198	5.172	ug/l	96

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 ClientSampleId :
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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	6160	4.671	ug/l #	100
42) 1,2-Dichloroethane	8.234	62	18541	5.219	ug/l	99
43) Isopropyl Acetate	8.271	43	23026	4.750	ug/l	98
44) Trichloroethene	8.935	130	13413	4.969	ug/l	94
45) 1,2-Dichloropropane	9.216	63	13728	5.048	ug/l	97
46) Dibromomethane	9.307	93	8598	5.253	ug/l	96
47) Bromodichloromethane	9.496	83	19729	5.272	ug/l #	95
48) Methyl methacrylate	9.289	41	10113	4.542	ug/l	97
49) 1,4-Dioxane	9.307	88	2138	96.406	ug/l #	86
51) 4-Methyl-2-Pentanone	10.069	43	60806	23.050	ug/l	95
52) Toluene	10.240	92	31524	4.982	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	18831	4.805	ug/l	97
54) cis-1,3-Dichloropropene	9.929	75	21561	5.018	ug/l	95
55) 1,1,2-Trichloroethane	10.642	97	11179	5.180	ug/l	95
56) Ethyl methacrylate	10.508	69	12353	4.180	ug/l	88
57) 1,3-Dichloropropane	10.789	76	18542	5.051	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.783	63	28923	23.441	ug/l	98
59) 2-Hexanone	10.831	43	42007	21.900	ug/l	93
60) Dibromochloromethane	10.984	129	14059	5.195	ug/l	95
61) 1,2-Dibromoethane	11.087	107	10331	4.916	ug/l	98
64) Tetrachloroethene	10.715	164	11653	4.980	ug/l	88
65) Chlorobenzene	11.514	112	37139	5.353	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	13285	5.102	ug/l	98
67) Ethyl Benzene	11.593	91	57306	4.742	ug/l	98
68) m/p-Xylenes	11.703	106	43042	9.309	ug/l	97
69) o-Xylene	12.032	106	19687	4.597	ug/l	97
70) Styrene	12.044	104	32628	4.511	ug/l	96
71) Bromoform	12.209	173	8757	4.855	ug/l #	99
73) Isopropylbenzene	12.331	105	51862	4.605	ug/l	98
74) N-amyl acetate	12.142	43	18500	4.604	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.581	83	14562	5.234	ug/l	98
76) 1,2,3-Trichloropropane	12.630	75	18290	8.168	ug/l #	100
77) Bromobenzene	12.605	156	13710	4.868	ug/l	97
78) n-propylbenzene	12.672	91	64636	4.647	ug/l	99
79) 2-Chlorotoluene	12.758	91	37110	4.740	ug/l	100
80) 1,3,5-Trimethylbenzene	12.813	105	43582	4.620	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	4342	4.405	ug/l	93
82) 4-Chlorotoluene	12.855	91	40254	4.877	ug/l	97
83) tert-Butylbenzene	13.075	119	36932	4.563	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	40585	4.421	ug/l	99
85) sec-Butylbenzene	13.252	105	56811	4.693	ug/l	99
86) p-Isopropyltoluene	13.367	119	44741	4.504	ug/l	97
87) 1,3-Dichlorobenzene	13.367	146	27618	5.087	ug/l	100
88) 1,4-Dichlorobenzene	13.447	146	28716	5.234	ug/l	94
89) n-Butylbenzene	13.697	91	44576	4.692	ug/l	98
90) Hexachloroethane	13.959	117	11015	5.318	ug/l	96
91) 1,2-Dichlorobenzene	13.739	146	25244	5.110	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	2476	4.901	ug/l	93
93) 1,2,4-Trichlorobenzene	15.007	180	13338	4.543	ug/l	97
94) Hexachlorobutadiene	15.111	225	9002	5.178	ug/l	99
95) Naphthalene	15.239	128	24901	3.893	ug/l	97
96) 1,2,3-Trichlorobenzene	15.422	180	12700	4.748	ug/l	97

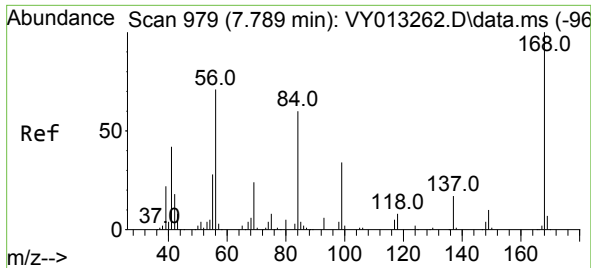
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041223\
Data File : VY013259.D
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Operator : KP/MD
Sample : VSTDICC005
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Response via : Initial Calibration

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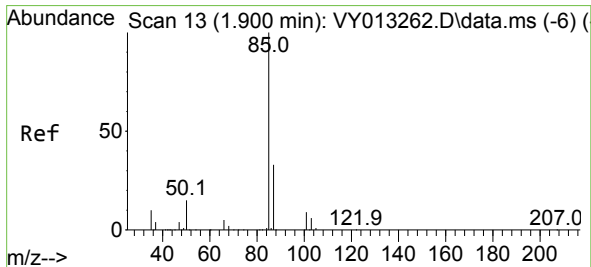
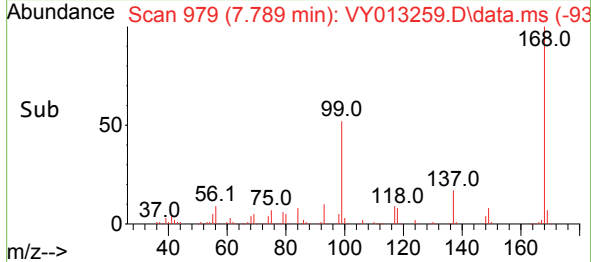
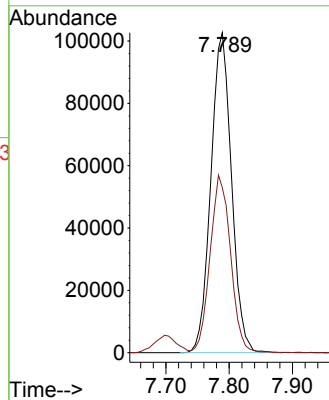
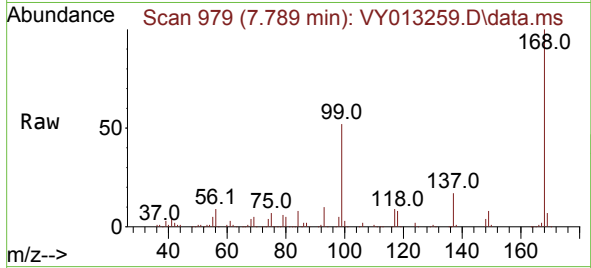
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY013259.D
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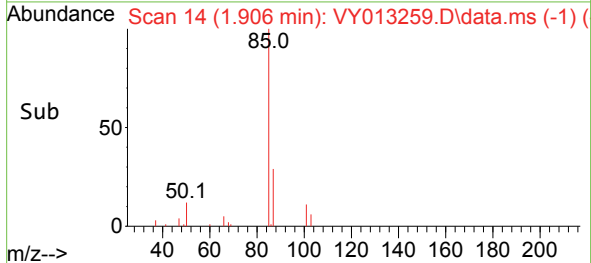
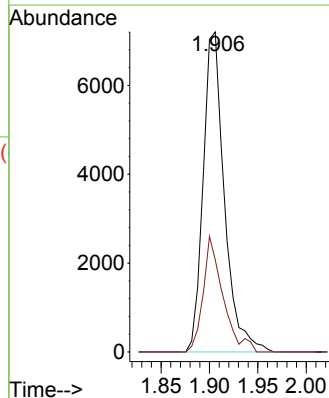
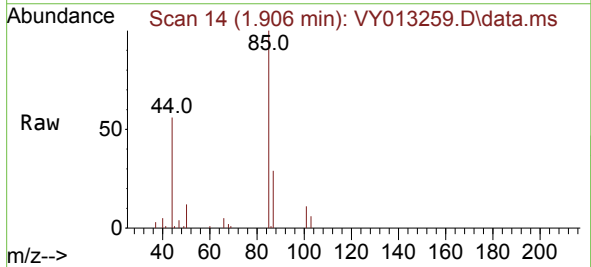
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MSVOA_Y
ClientSampleId :
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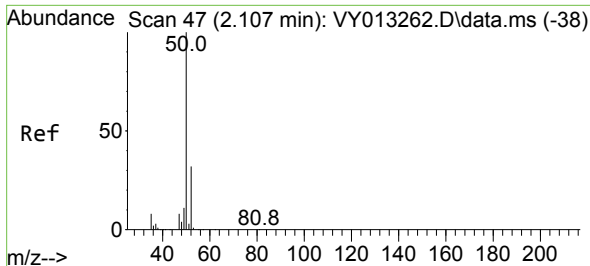
Tgt Ion:168 Resp: 232197
Ion Ratio Lower Upper
168 100
99 51.5 41.7 62.5



#2
Dichlorodifluoromethane
Concen: 5.268 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY013259.D
Acq: 12 Apr 2023 10:36

Tgt Ion: 85 Resp: 11009
Ion Ratio Lower Upper
85 100
87 28.8 16.7 50.0

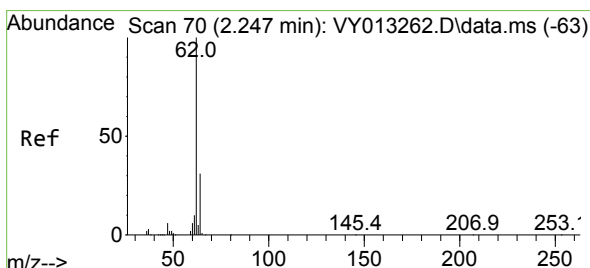
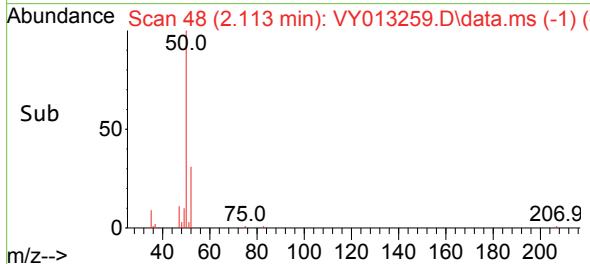
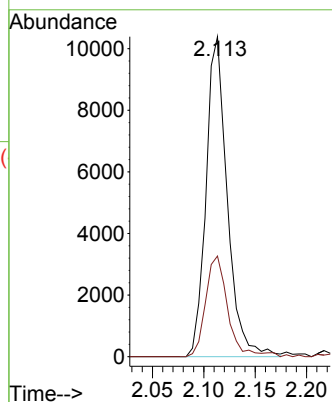
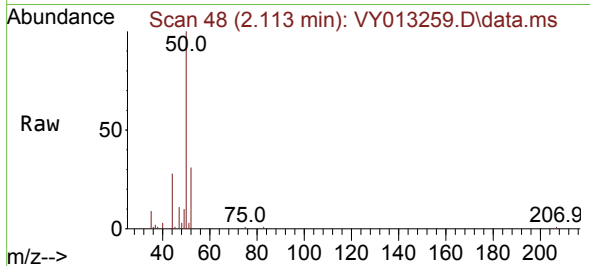




#3
Chloromethane
Concen: 5.696 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY013259.D
Acq: 12 Apr 2023 10:36

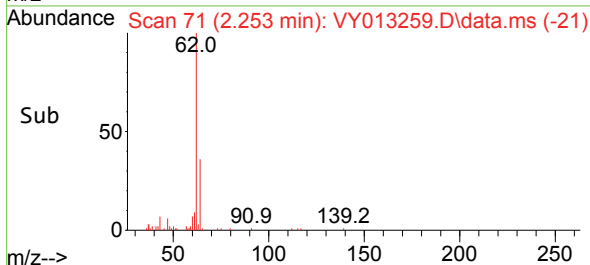
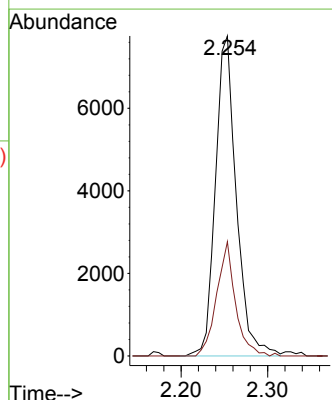
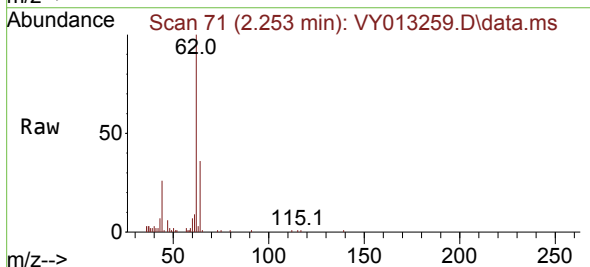
Instrument :
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ClientSampleId :
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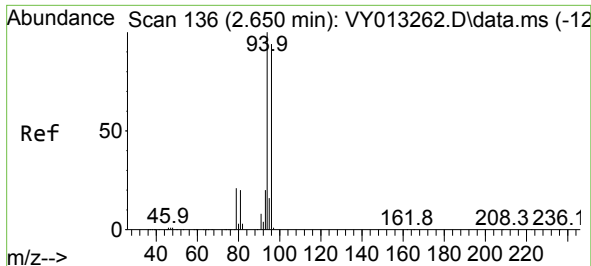
Tgt Ion: 50 Resp: 14914
Ion Ratio Lower Upper
50 100
52 31.4 26.0 39.0



#4
Vinyl Chloride
Concen: 5.230 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.006 min
Lab File: VY013259.D
Acq: 12 Apr 2023 10:36

Tgt Ion: 62 Resp: 12982
Ion Ratio Lower Upper
62 100
64 35.7 25.6 38.4

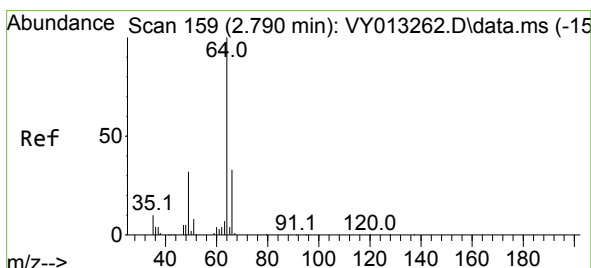
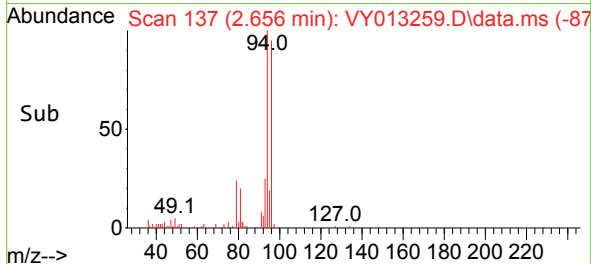
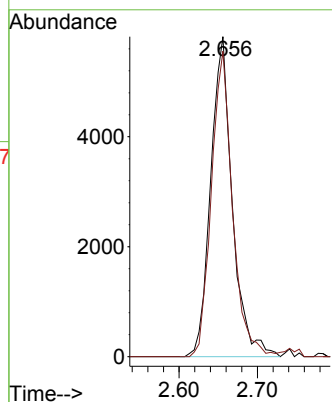
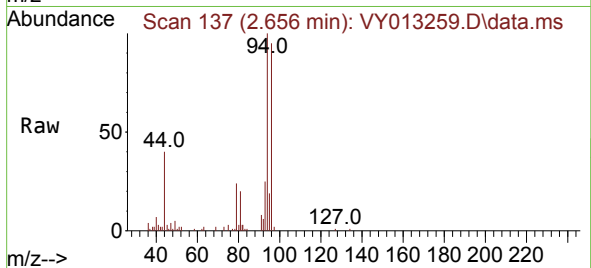




#5
Bromomethane
Concen: 5.868 ug/l
RT: 2.656 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY013259.D
Acq: 12 Apr 2023 10:36

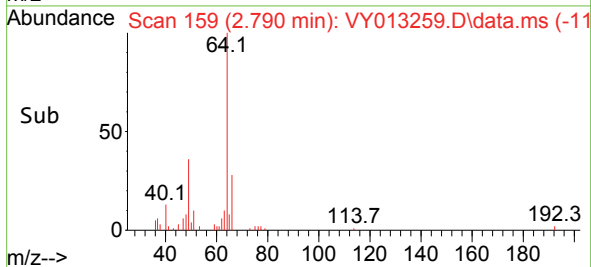
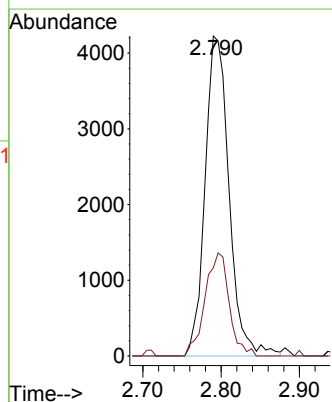
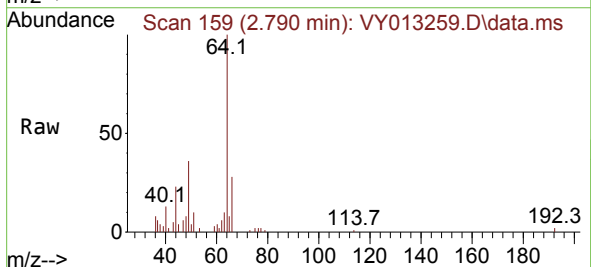
Instrument :
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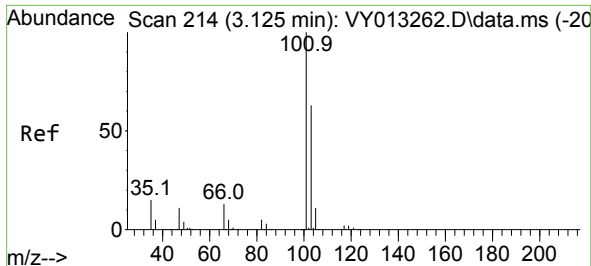
Tgt Ion: 94 Resp: 11169
Ion Ratio Lower Upper
94 100
96 95.4 80.3 120.5



#6
Chloroethane
Concen: 5.368 ug/l
RT: 2.790 min Scan# 159
Delta R.T. 0.000 min
Lab File: VY013259.D
Acq: 12 Apr 2023 10:36

Tgt Ion: 64 Resp: 8986
Ion Ratio Lower Upper
64 100
66 27.5 25.7 38.5

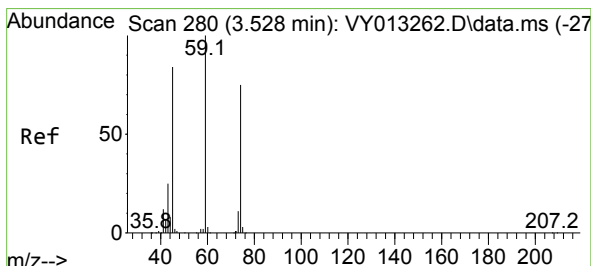
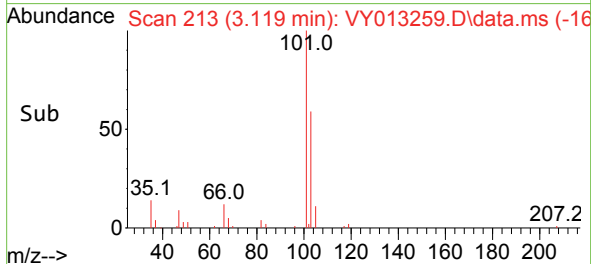
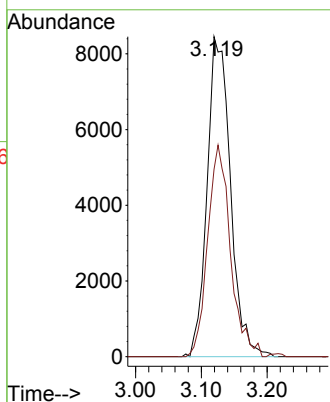
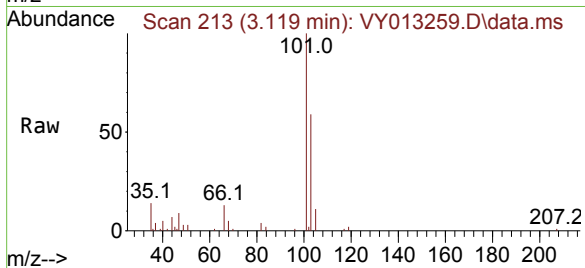




#7
Trichlorofluoromethane
Concen: 5.404 ug/l
RT: 3.119 min Scan# 214
Delta R.T. -0.006 min
Lab File: VY013259.D
Acq: 12 Apr 2023 10:36

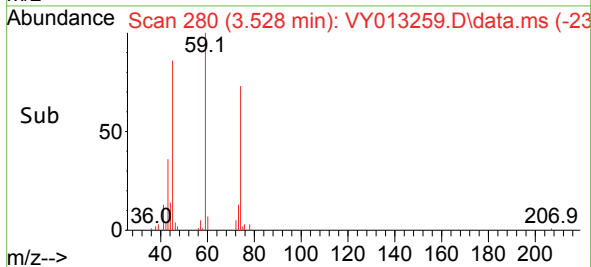
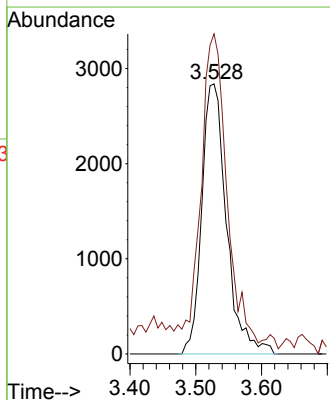
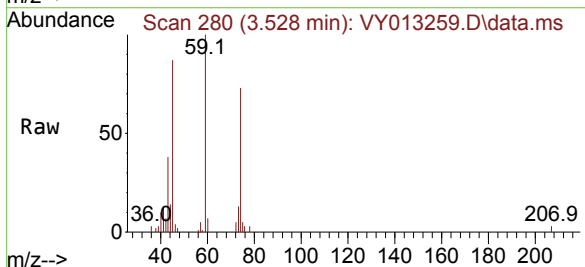
Instrument :
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ClientSampleId :
VSTDIC005

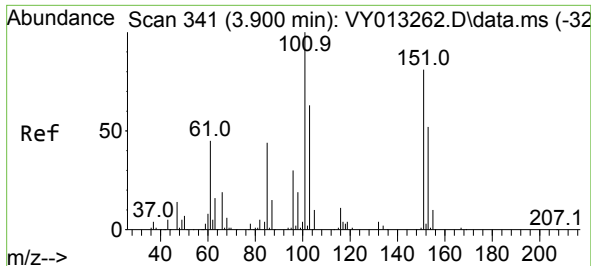
Tgt Ion:101 Resp: 20879
Ion Ratio Lower Upper
101 100
103 58.6 51.5 77.3



#8
Diethyl Ether
Concen: 5.290 ug/l
RT: 3.528 min Scan# 280
Delta R.T. 0.000 min
Lab File: VY013259.D
Acq: 12 Apr 2023 10:36

Tgt Ion: 74 Resp: 7425
Ion Ratio Lower Upper
74 100
45 123.9 52.1 156.4

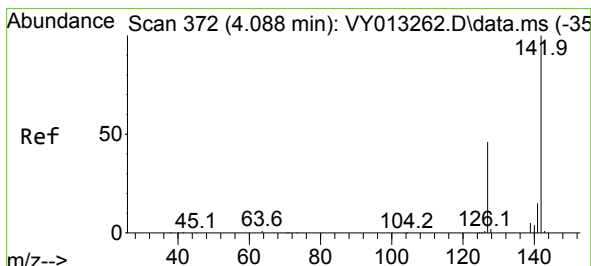
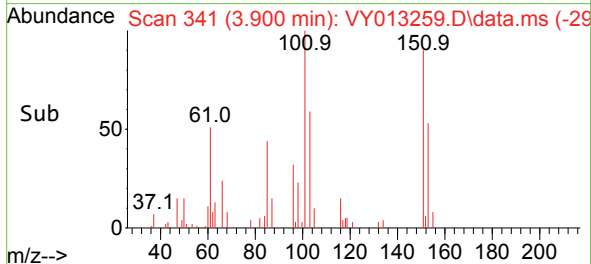
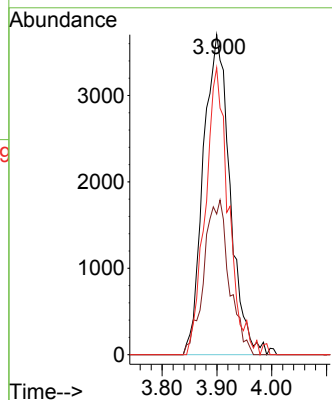
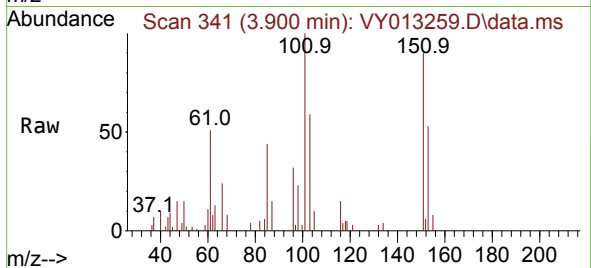




#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.518 ug/l
RT: 3.900 min Scan# 341
Delta R.T. 0.000 min
Lab File: VY013259.D
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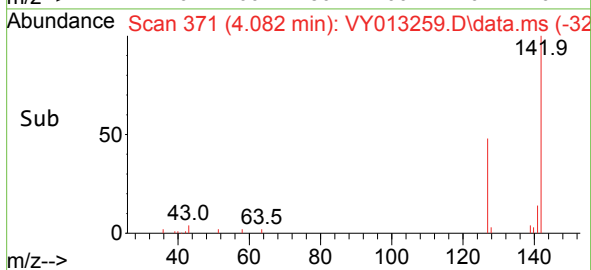
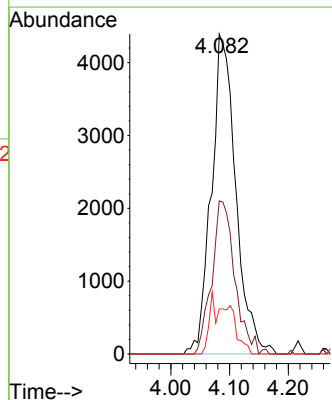
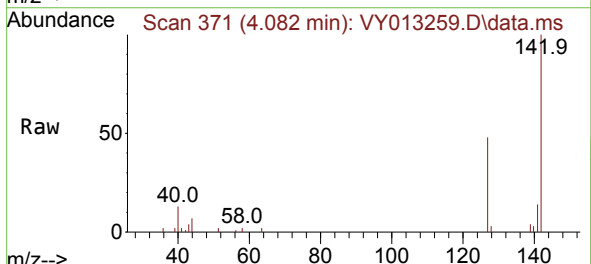
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

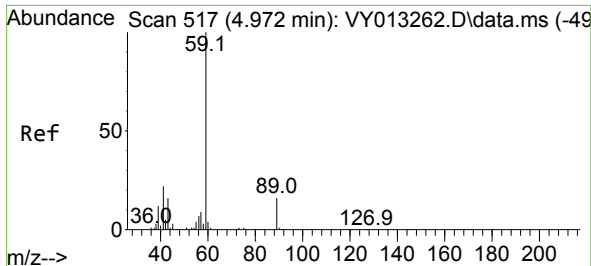
Tgt Ion:101 Resp: 12527
Ion Ratio Lower Upper
101 100
85 45.8 35.3 52.9
151 78.0 63.1 94.7



#10
Methyl Iodide
Concen: 4.554 ug/l
RT: 4.082 min Scan# 371
Delta R.T. -0.006 min
Lab File: VY013259.D
Acq: 12 Apr 2023 10:36

Tgt Ion:142 Resp: 12683
Ion Ratio Lower Upper
142 100
127 45.2 35.4 53.2
141 5.0 11.3 16.9#

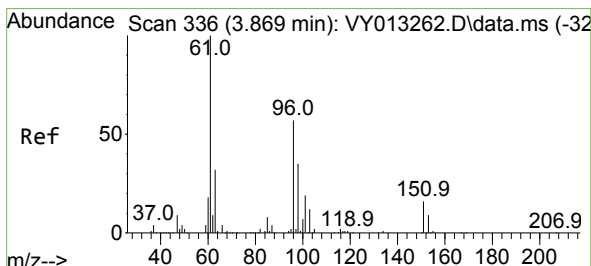
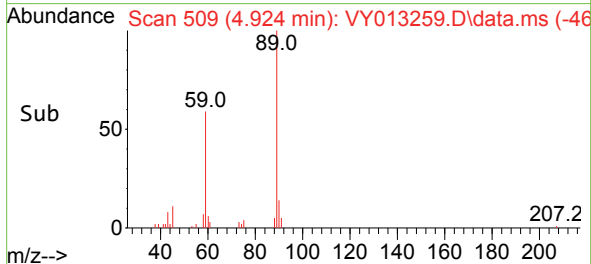
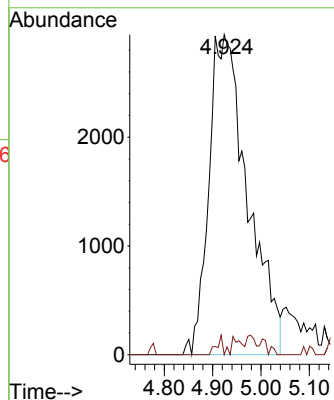
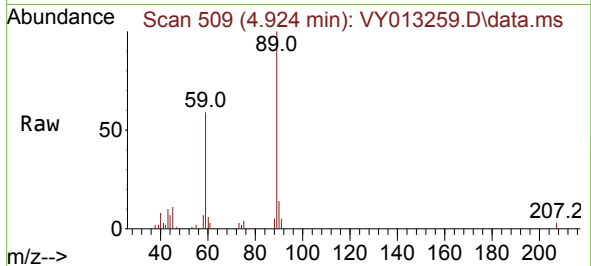




#11
Tert butyl alcohol
Concen: 36.782 ug/l
RT: 4.924 min Scan# 509
Delta R.T. -0.049 min
Lab File: VY013259.D
Acq: 12 Apr 2023 10:36

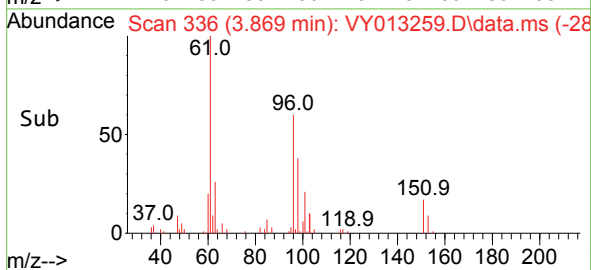
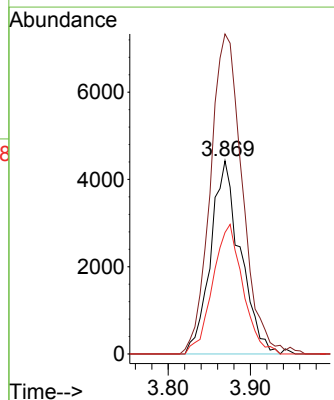
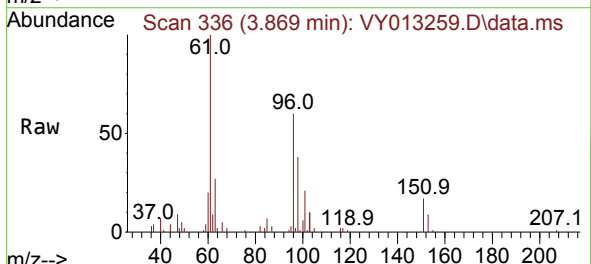
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

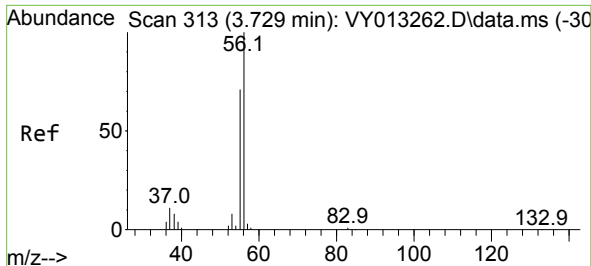
Tgt Ion: 59 Resp: 16403
Ion Ratio Lower Upper
59 100
57 1.0 7.7 11.5#



#12
1,1-Dichloroethene
Concen: 5.088 ug/l
RT: 3.869 min Scan# 336
Delta R.T. 0.000 min
Lab File: VY013259.D
Acq: 12 Apr 2023 10:36

Tgt Ion: 96 Resp: 11116
Ion Ratio Lower Upper
96 100
61 165.7 131.7 197.5
98 62.8 52.0 78.0

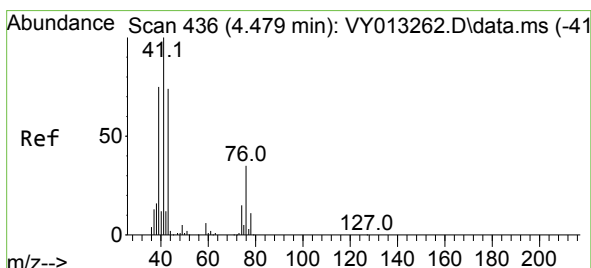
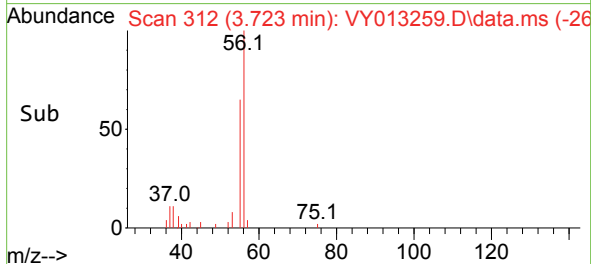
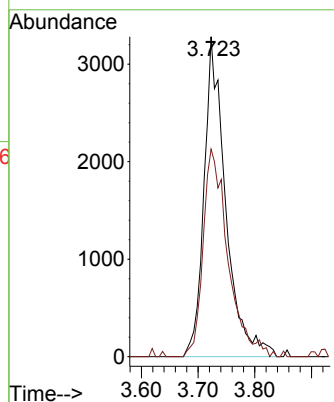
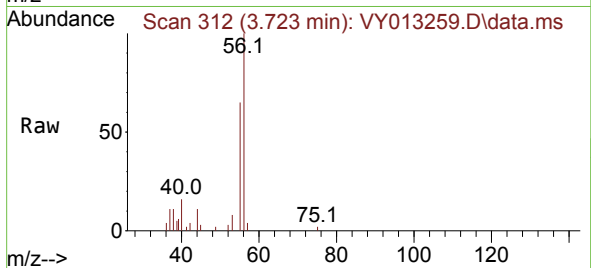




#13
Acrolein
Concen: 25.380 ug/l
RT: 3.723 min Scan# 313
Delta R.T. -0.006 min
Lab File: VY013259.D
Acq: 12 Apr 2023 10:36

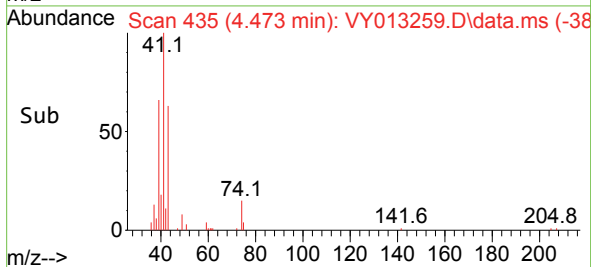
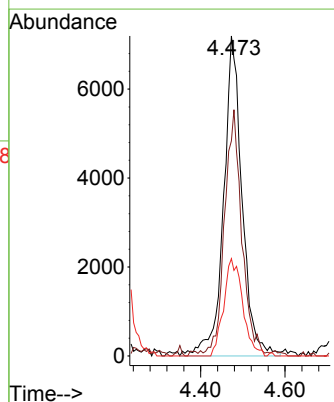
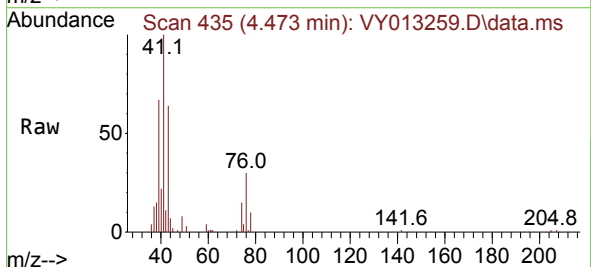
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

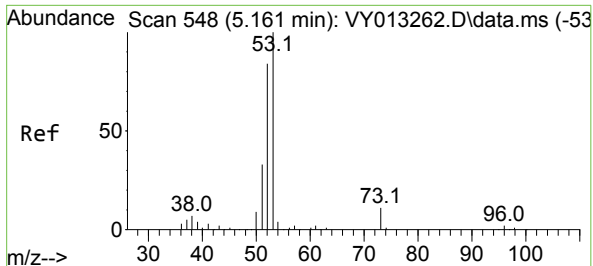
Tgt Ion: 56 Resp: 8700
Ion Ratio Lower Upper
56 100
55 74.5 56.8 85.2



#14
Allyl chloride
Concen: 5.253 ug/l
RT: 4.473 min Scan# 435
Delta R.T. -0.006 min
Lab File: VY013259.D
Acq: 12 Apr 2023 10:36

Tgt Ion: 41 Resp: 21926
Ion Ratio Lower Upper
41 100
39 70.0 53.6 80.4
76 31.2 27.2 40.8

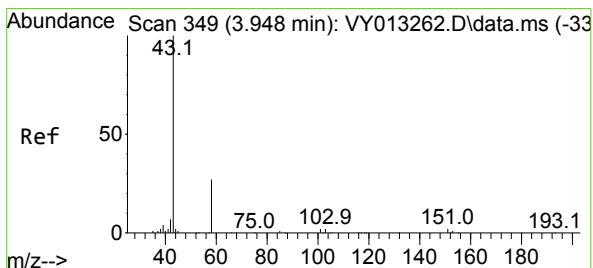
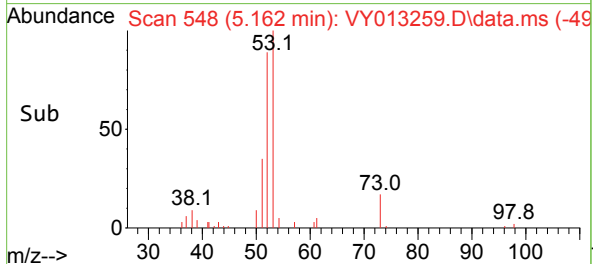
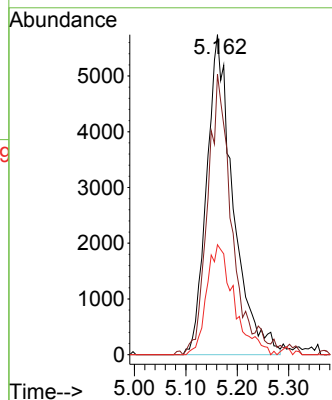
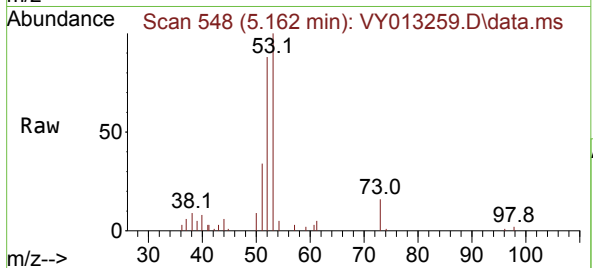




#15
Acrylonitrile
Concen: 25.595 ug/l
RT: 5.162 min Scan# 54
Delta R.T. 0.000 min
Lab File: VY013259.D
Acq: 12 Apr 2023 10:36

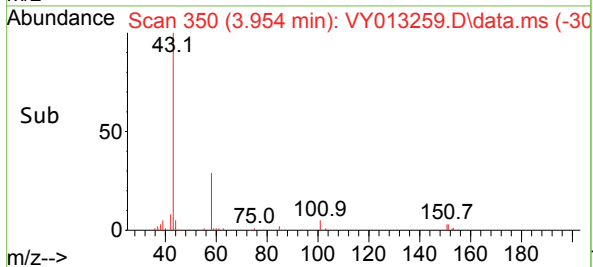
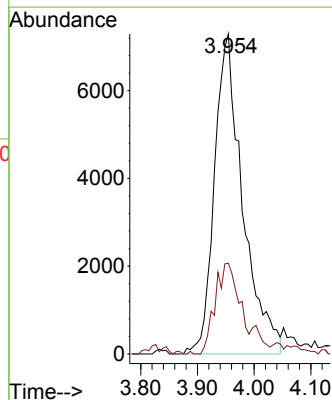
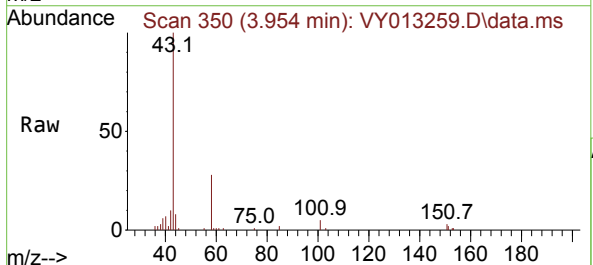
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

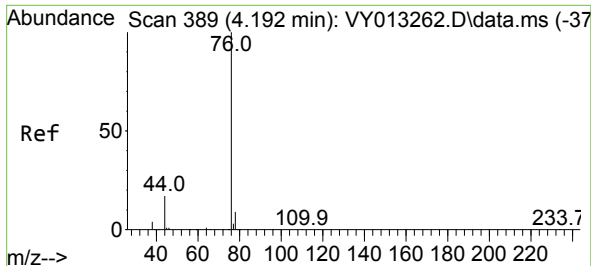
Tgt Ion: 53 Resp: 20645
Ion Ratio Lower Upper
53 100
52 76.8 66.3 99.5
51 35.5 28.8 43.2



#16
Acetone
Concen: 26.239 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY013259.D
Acq: 12 Apr 2023 10:36

Tgt Ion: 43 Resp: 25169
Ion Ratio Lower Upper
43 100
58 27.6 24.2 36.2

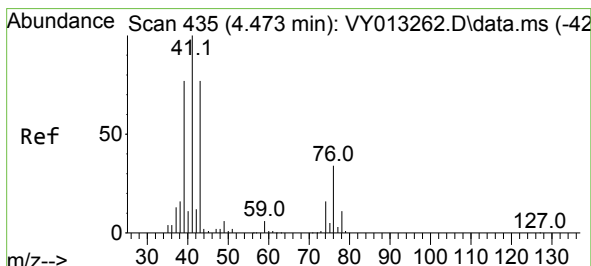
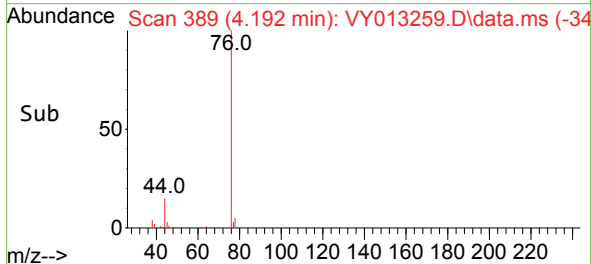
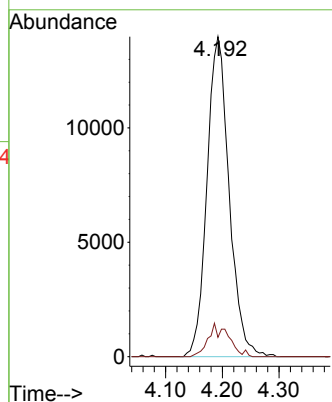
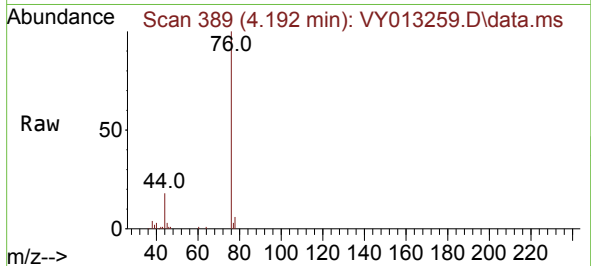




#17
Carbon Disulfide
Concen: 5.287 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.000 min
Lab File: VY013259.D
Acq: 12 Apr 2023 10:36

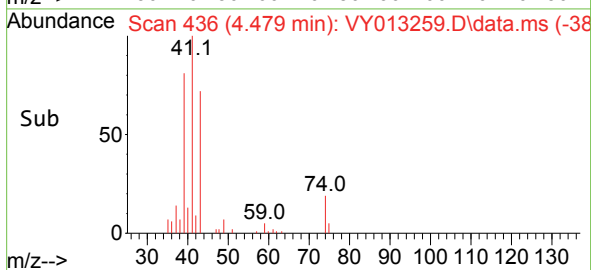
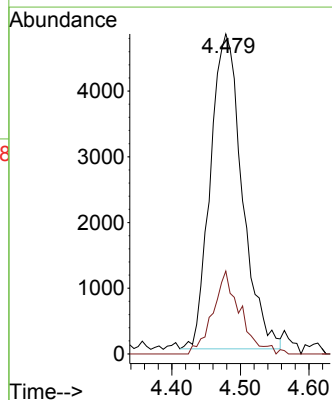
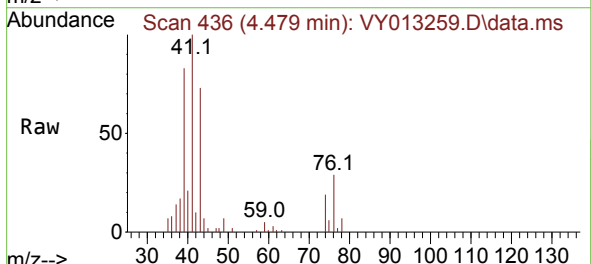
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

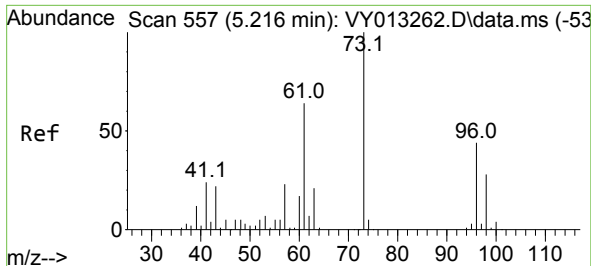
Tgt Ion: 76 Resp: 38034
Ion Ratio Lower Upper
76 100
78 6.0 7.1 10.7#



#18
Methyl Acetate
Concen: 4.980 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.006 min
Lab File: VY013259.D
Acq: 12 Apr 2023 10:36

Tgt Ion: 43 Resp: 15453
Ion Ratio Lower Upper
43 100
74 22.8 17.4 26.0

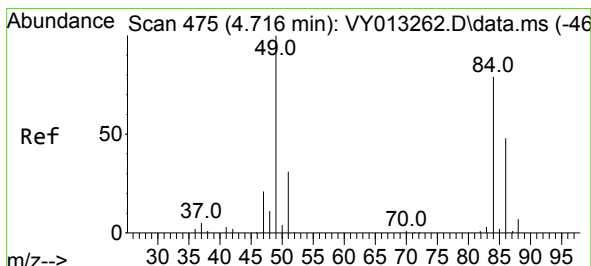
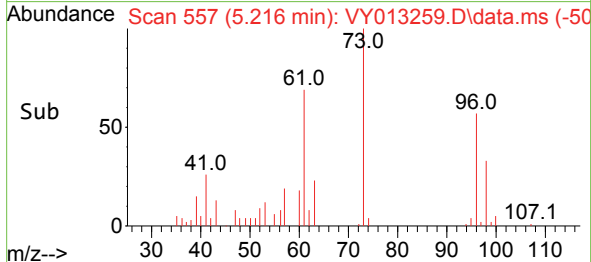
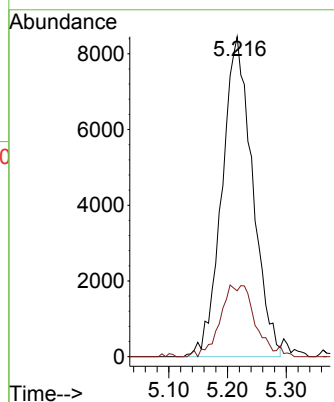
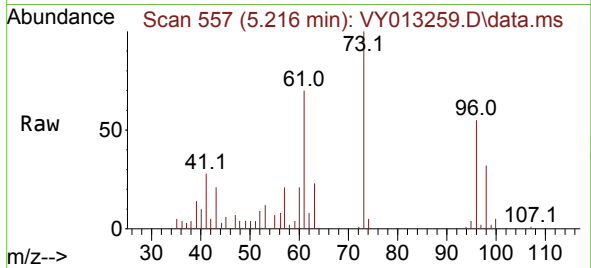




#19
Methyl tert-butyl Ether
Concen: 4.657 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY013259.D
Acq: 12 Apr 2023 10:36

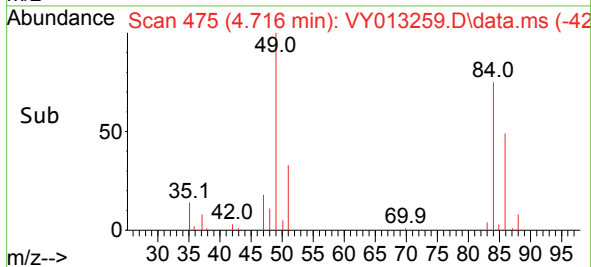
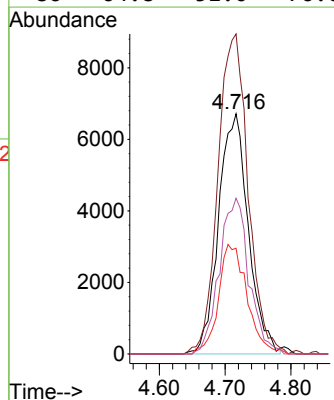
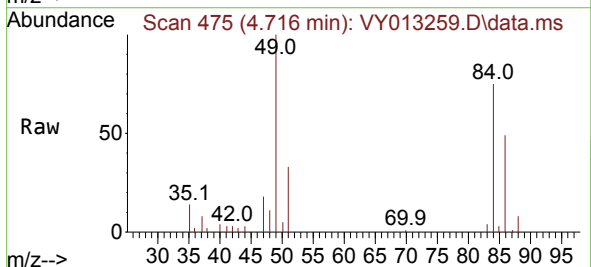
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

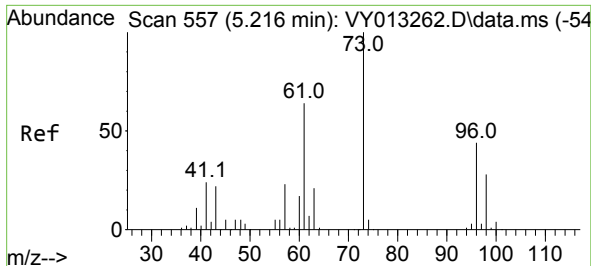
Tgt Ion: 73 Resp: 30483
Ion Ratio Lower Upper
73 100
57 20.6 18.3 27.5



#20
Methylene Chloride
Concen: 7.085 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY013259.D
Acq: 12 Apr 2023 10:36

Tgt Ion: 84 Resp: 21102
Ion Ratio Lower Upper
84 100
49 133.2 102.6 154.0
51 44.0 31.9 47.9
86 64.8 51.0 76.6

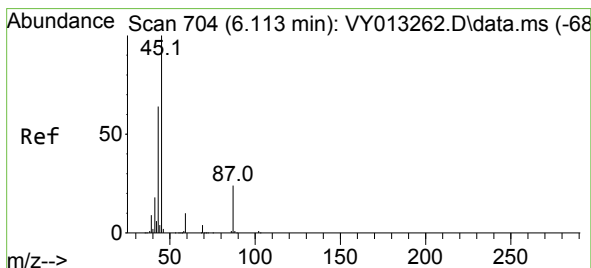
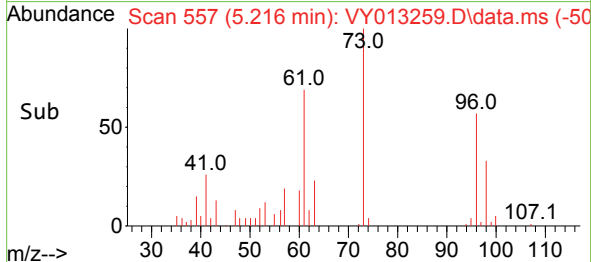
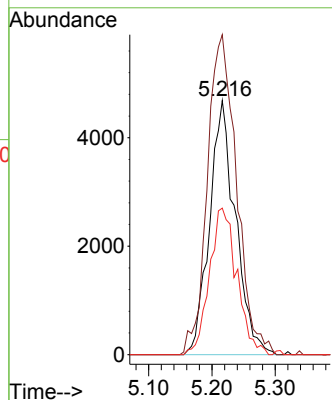
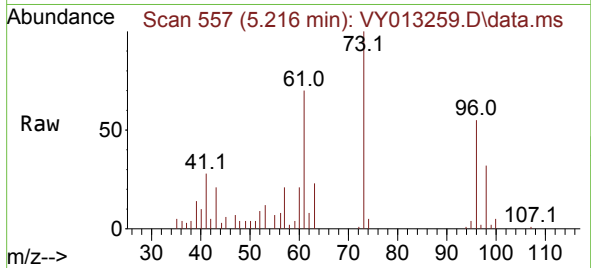




#21
trans-1,2-Dichloroethene
Concen: 5.361 ug/l
RT: 5.216 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY013259.D
Acq: 12 Apr 2023 10:36

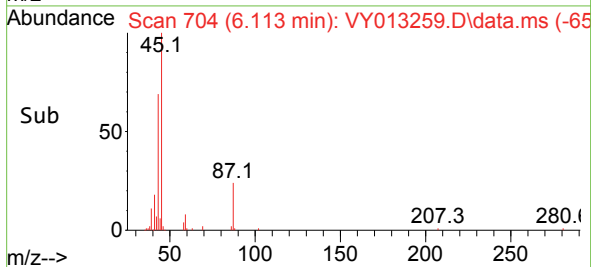
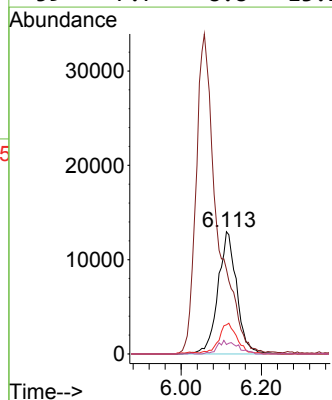
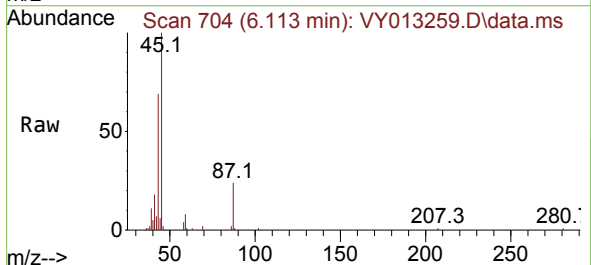
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

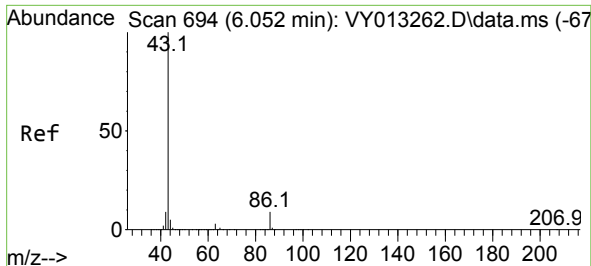
Tgt Ion: 96 Resp: 13371
Ion Ratio Lower Upper
96 100
61 126.0 111.4 167.0
98 57.7 50.8 76.2



#22
Diisopropyl ether
Concen: 5.104 ug/l
RT: 6.113 min Scan# 704
Delta R.T. 0.000 min
Lab File: VY013259.D
Acq: 12 Apr 2023 10:36

Tgt Ion: 45 Resp: 41984
Ion Ratio Lower Upper
45 100
43 68.0 45.0 67.6#
87 23.9 20.3 30.5
59 7.7 8.8 13.2#

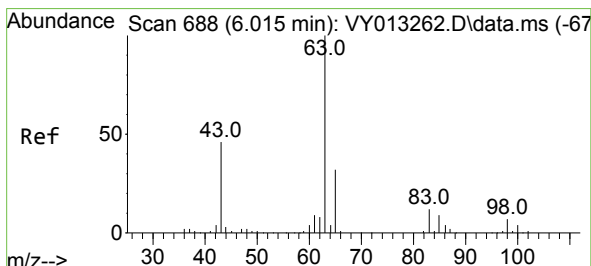
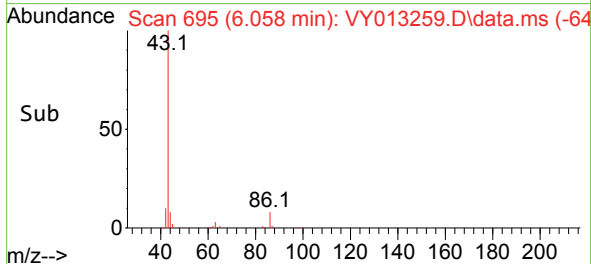
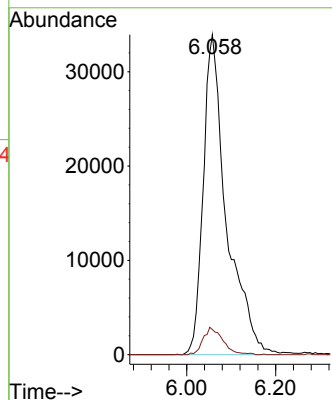
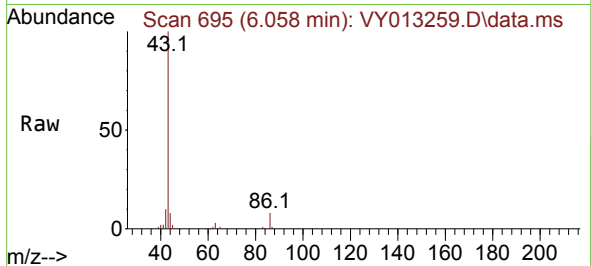




#23
 Vinyl Acetate
 Concen: 23.770 ug/l
 RT: 6.058 min Scan# 61
 Delta R.T. 0.006 min
 Lab File: VY013259.D
 Acq: 12 Apr 2023 10:36

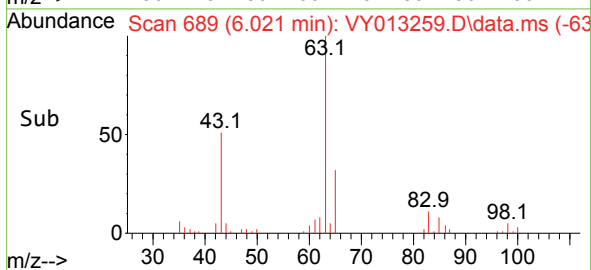
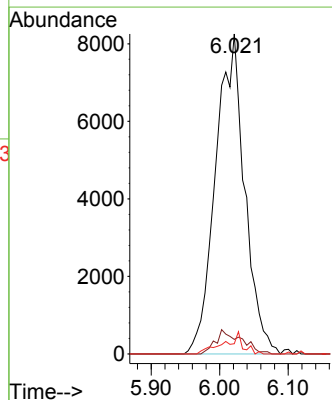
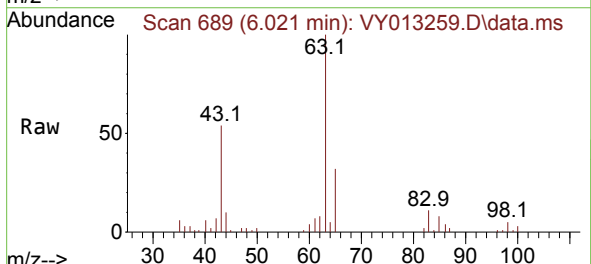
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

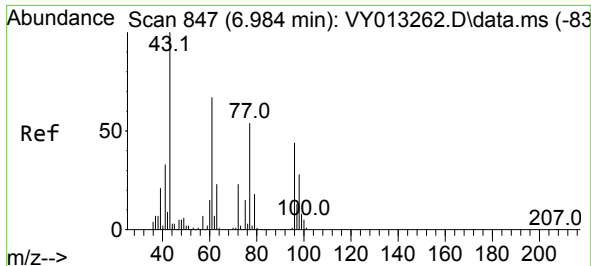
Tgt Ion: 43 Resp: 123607
 Ion Ratio Lower Upper
 43 100
 86 7.9 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 5.283 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. 0.006 min
 Lab File: VY013259.D
 Acq: 12 Apr 2023 10:36

Tgt Ion: 63 Resp: 24274
 Ion Ratio Lower Upper
 63 100
 98 4.6 3.7 11.1
 100 3.2 2.3 6.8





#25

2-Butanone

Concen: 25.305 ug/l

RT: 6.990 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY013259.D

Acq: 12 Apr 2023 10:36

Instrument :

MSVOA_Y

ClientSampleId :

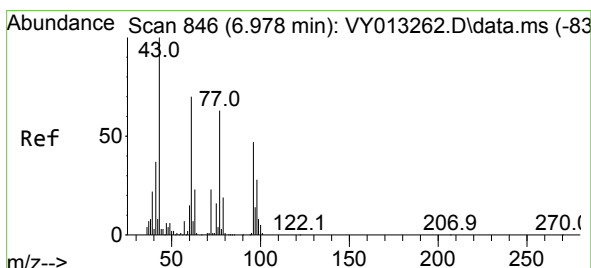
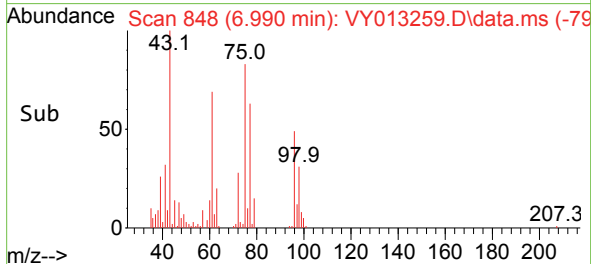
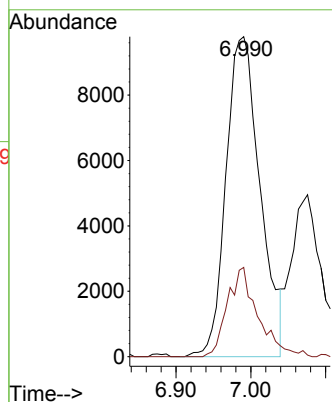
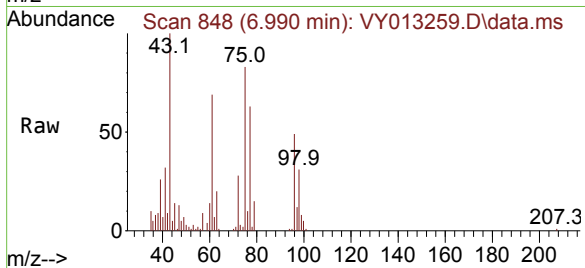
VSTDICC005

Tgt Ion: 43 Resp: 31086

Ion Ratio Lower Upper

43 100

72 27.9 21.0 31.4



#26

2,2-Dichloropropane

Concen: 5.343 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY013259.D

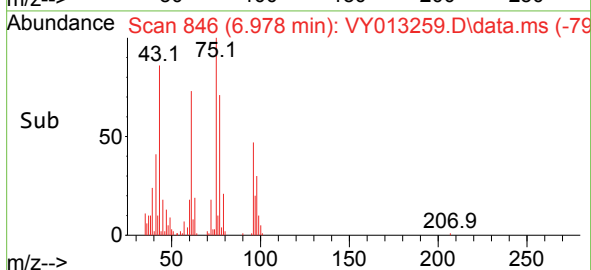
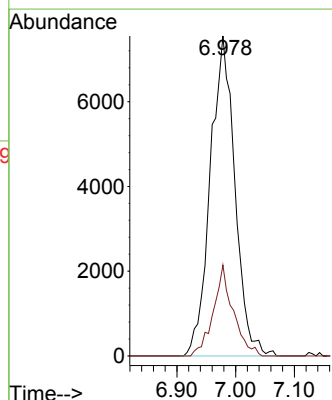
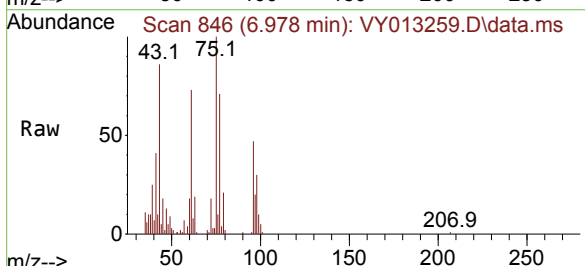
Acq: 12 Apr 2023 10:36

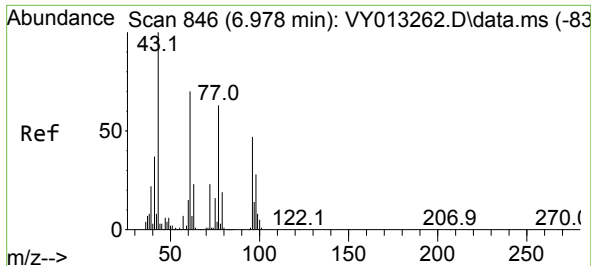
Tgt Ion: 77 Resp: 22025

Ion Ratio Lower Upper

77 100

97 22.9 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 5.084 ug/l

RT: 6.984 min Scan# 846

Delta R.T. 0.006 min

Lab File: VY013259.D

Acq: 12 Apr 2023 10:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

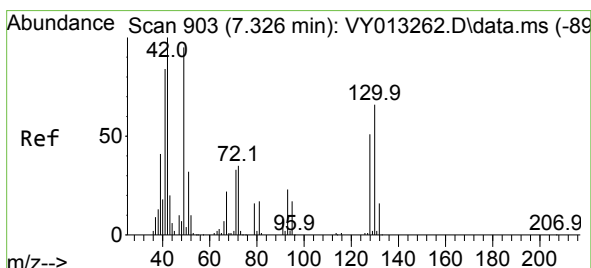
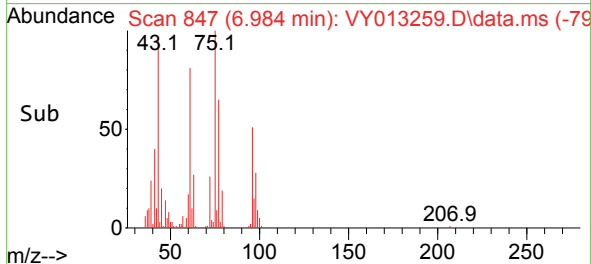
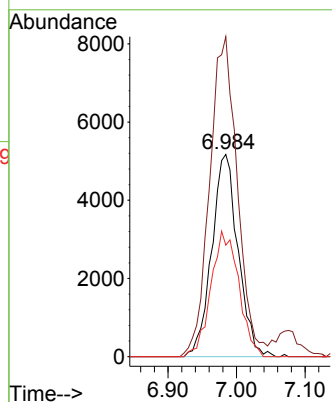
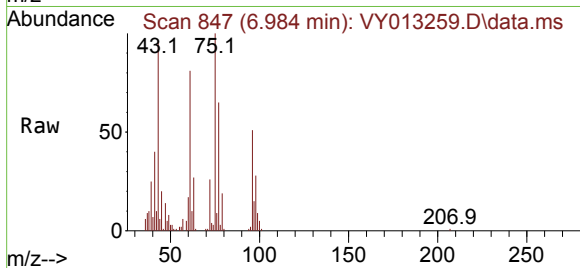
Tgt Ion: 96 Resp: 13789

Ion Ratio Lower Upper

96 100

61 167.1 0.0 295.8

98 65.6 0.0 130.2



#28

Bromochloromethane

Concen: 4.858 ug/l

RT: 7.332 min Scan# 904

Delta R.T. 0.006 min

Lab File: VY013259.D

Acq: 12 Apr 2023 10:36

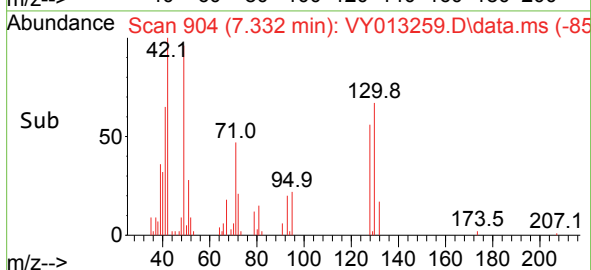
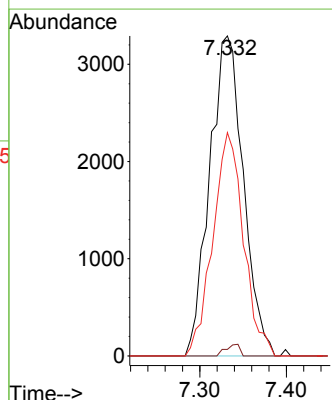
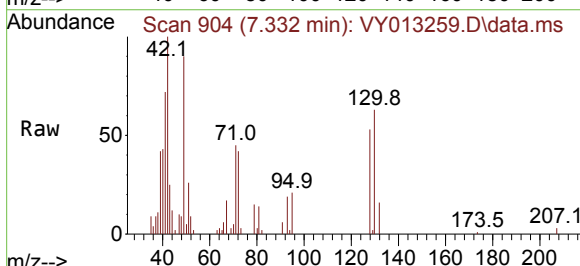
Tgt Ion: 49 Resp: 8896

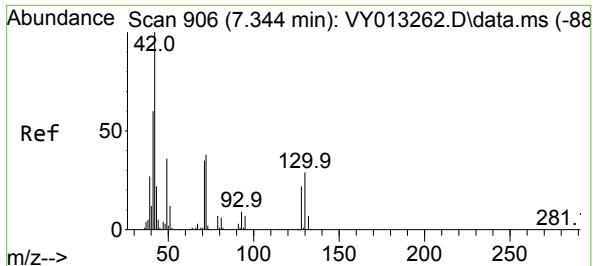
Ion Ratio Lower Upper

49 100

129 1.5 0.0 4.2

130 63.6 60.5 90.7





#29

Tetrahydrofuran

Concen: 22.570 ug/l

RT: 7.344 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY013259.D

Acq: 12 Apr 2023 10:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

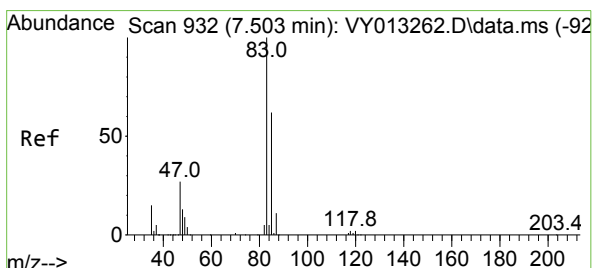
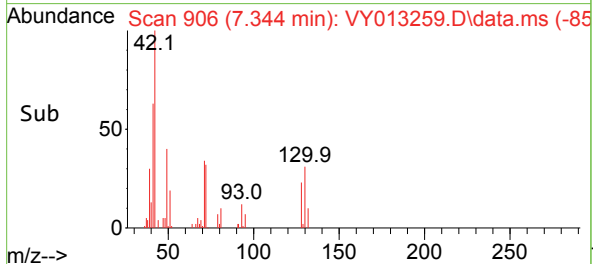
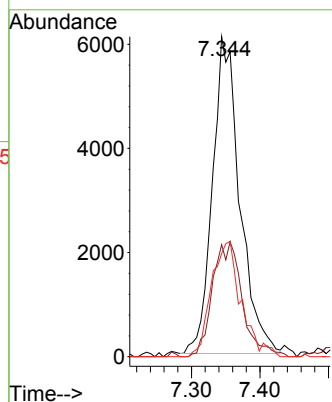
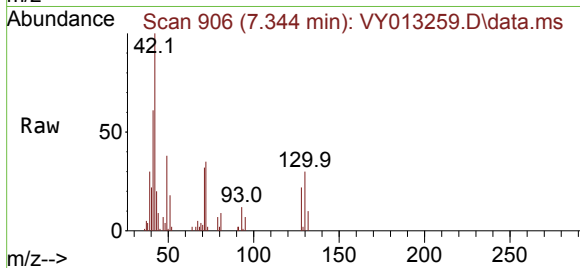
Tgt Ion: 42 Resp: 16840

Ion Ratio Lower Upper

42 100

72 39.6 32.3 48.5

71 39.6 30.3 45.5



#30

Chloroform

Concen: 5.416 ug/l

RT: 7.496 min Scan# 931

Delta R.T. -0.006 min

Lab File: VY013259.D

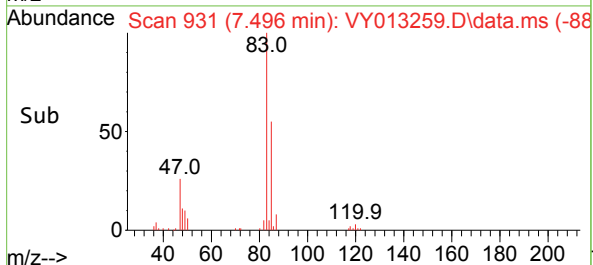
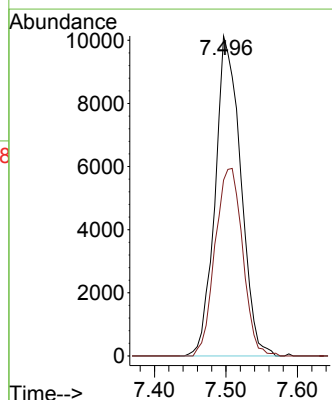
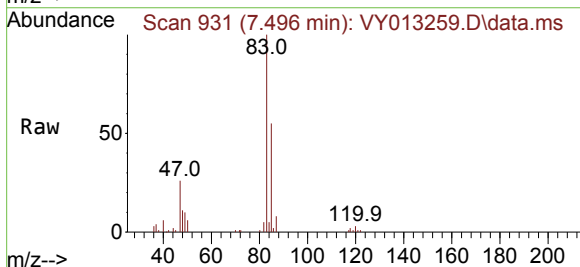
Acq: 12 Apr 2023 10:36

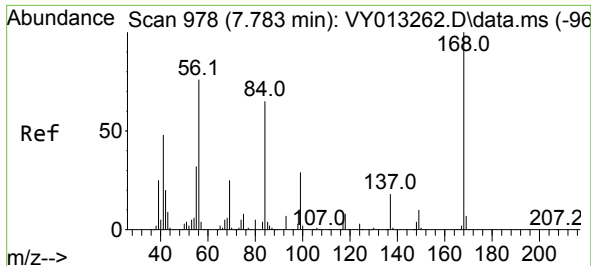
Tgt Ion: 83 Resp: 25182

Ion Ratio Lower Upper

83 100

85 55.0 51.4 77.0

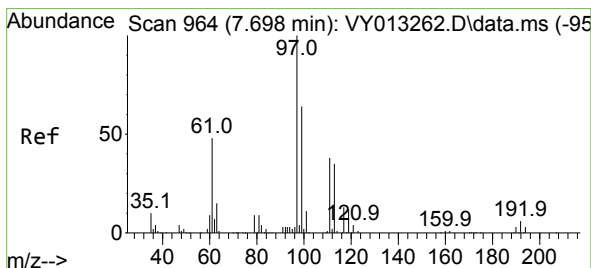
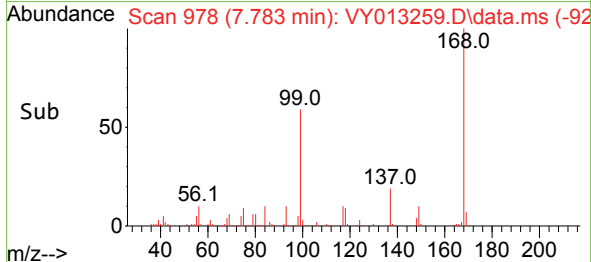
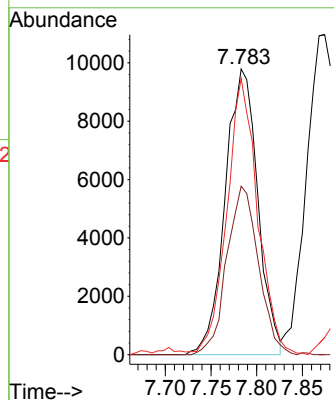
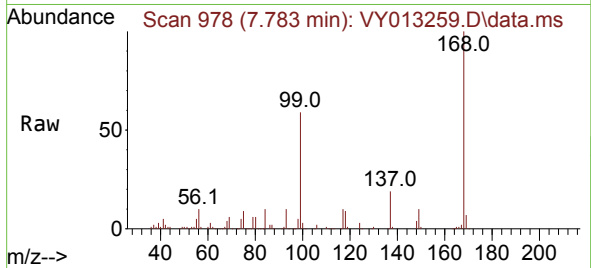




#31
Cyclohexane
Concen: 5.753 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY013259.D
Acq: 12 Apr 2023 10:36

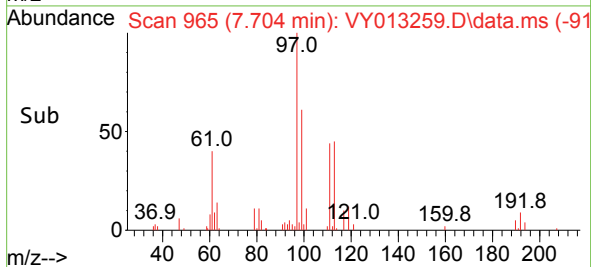
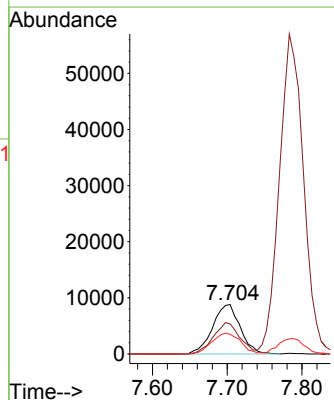
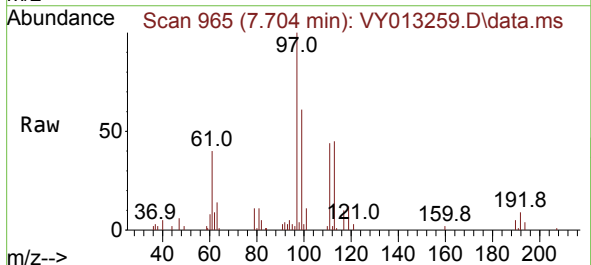
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

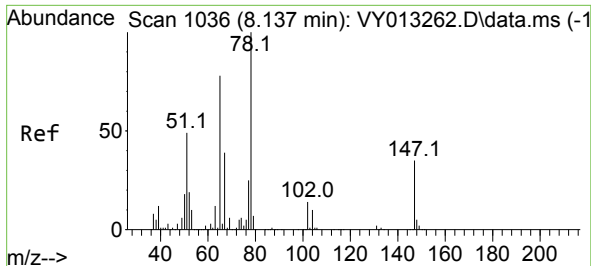
Tgt Ion: 56 Resp: 24274
Ion Ratio Lower Upper
56 100
69 59.0 25.7 38.5#
84 95.4 64.3 96.5



#32
1,1,1-Trichloroethane
Concen: 5.370 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.006 min
Lab File: VY013259.D
Acq: 12 Apr 2023 10:36

Tgt Ion: 97 Resp: 22590
Ion Ratio Lower Upper
97 100
99 61.1 51.0 76.6
61 43.7 34.5 51.7

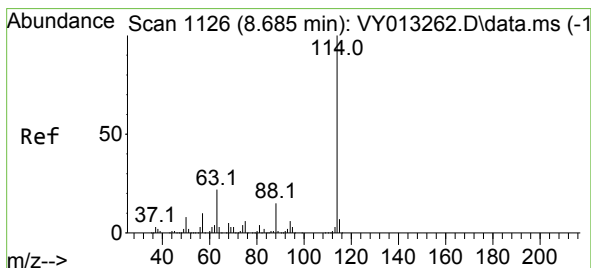
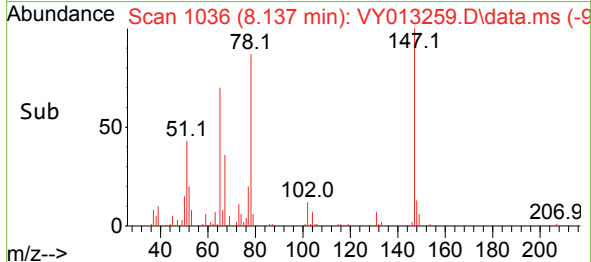
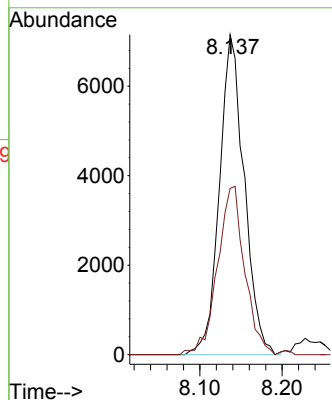
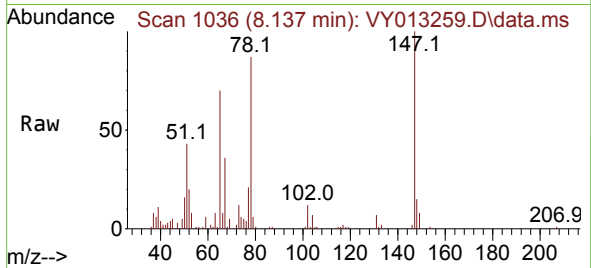




#33
 1,2-Dichloroethane-d4
 Concen: 5.360 ug/l
 RT: 8.137 min Scan# 1036
 Delta R.T. 0.000 min
 Lab File: VY013259.D
 Acq: 12 Apr 2023 10:36

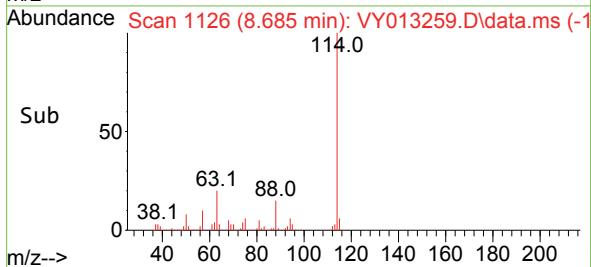
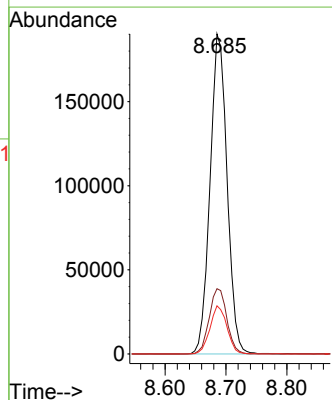
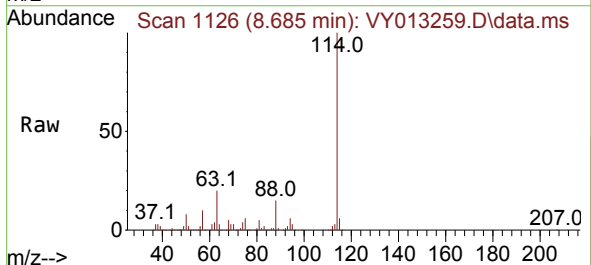
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

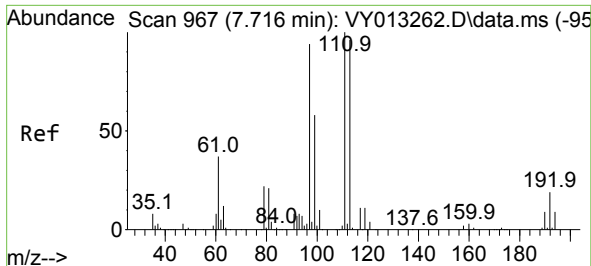
Tgt Ion: 65 Resp: 14956
 Ion Ratio Lower Upper
 65 100
 67 57.6 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VY013259.D
 Acq: 12 Apr 2023 10:36

Tgt Ion: 114 Resp: 369139
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 37.4
 88 15.0 0.0 28.6

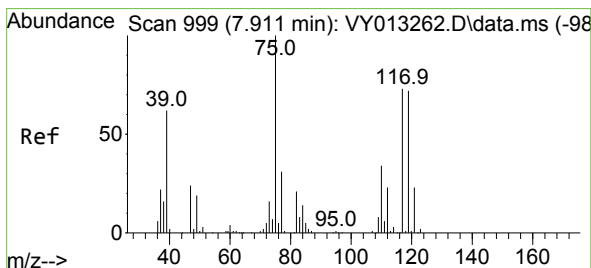
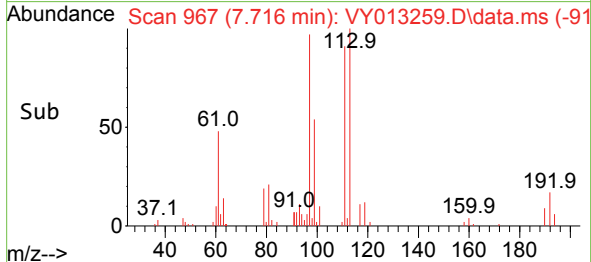
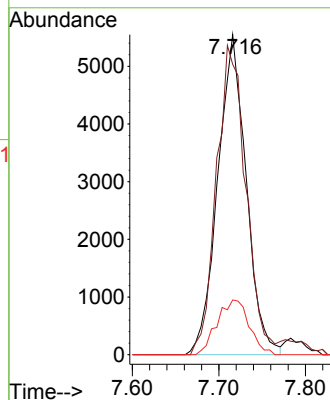
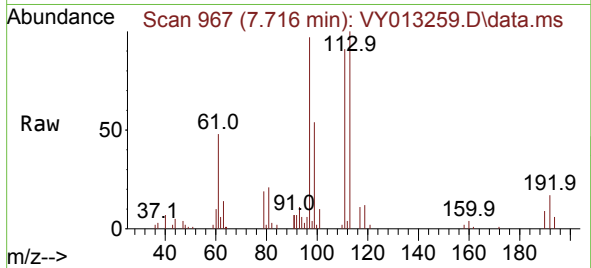




#35
Dibromofluoromethane
Concen: 5.293 ug/l
RT: 7.716 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY013259.D
Acq: 12 Apr 2023 10:36

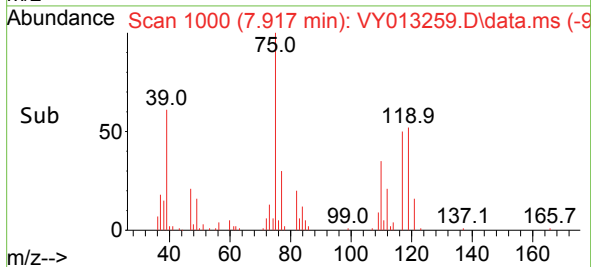
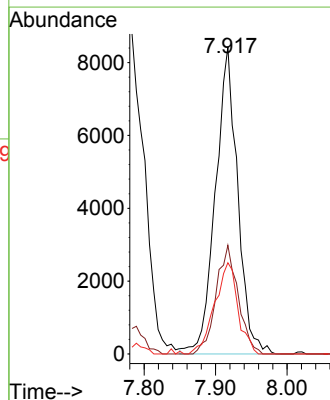
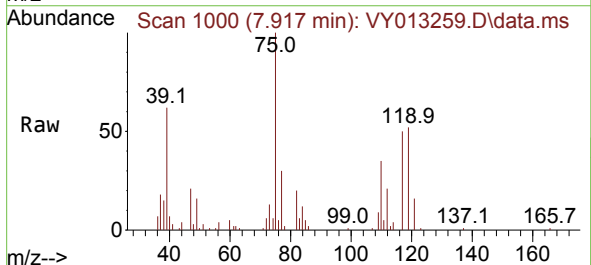
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

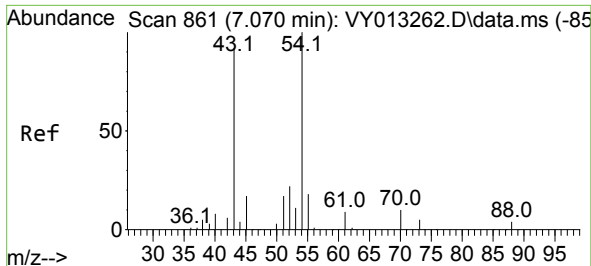
Tgt Ion:113 Resp: 12649
Ion Ratio Lower Upper
113 100
111 99.9 82.2 123.2
192 19.3 16.8 25.2



#36
1,1-Dichloropropene
Concen: 5.023 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VY013259.D
Acq: 12 Apr 2023 10:36

Tgt Ion: 75 Resp: 18186
Ion Ratio Lower Upper
75 100
110 35.1 17.8 53.3
77 31.1 25.0 37.4

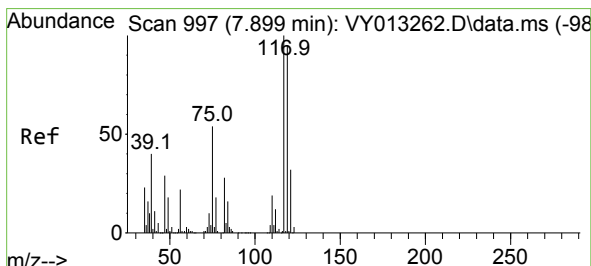
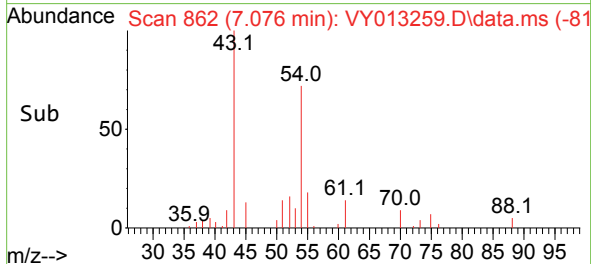
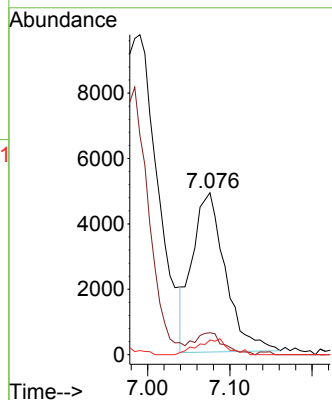
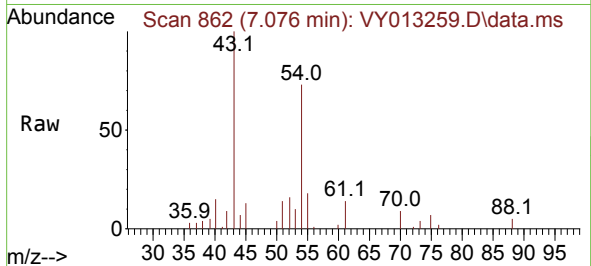




#37
Ethyl Acetate
Concen: 4.686 ug/l
RT: 7.076 min Scan# 861
Delta R.T. 0.006 min
Lab File: VY013259.D
Acq: 12 Apr 2023 10:36

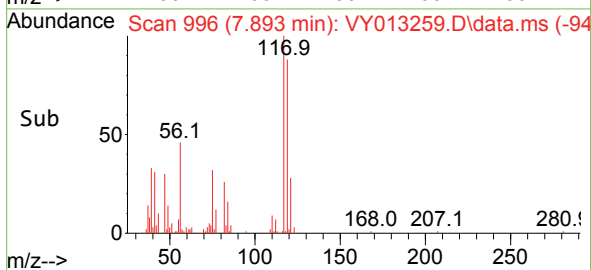
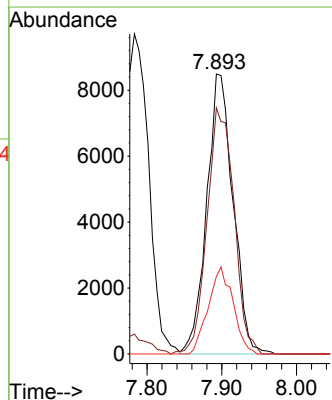
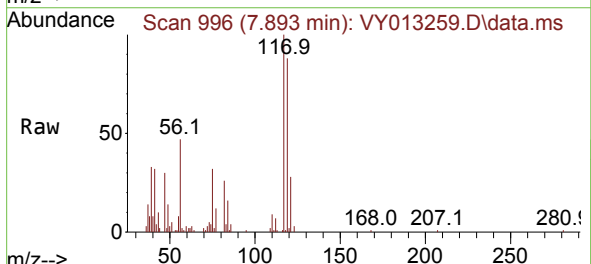
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

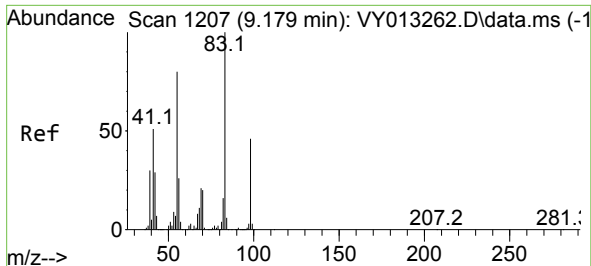
Tgt Ion: 43 Resp: 13675
Ion Ratio Lower Upper
43 100
61 12.2 10.7 16.1
70 9.0 7.8 11.8



#38
Carbon Tetrachloride
Concen: 5.203 ug/l
RT: 7.893 min Scan# 996
Delta R.T. -0.006 min
Lab File: VY013259.D
Acq: 12 Apr 2023 10:36

Tgt Ion: 117 Resp: 20827
Ion Ratio Lower Upper
117 100
119 87.9 77.2 115.8
121 27.7 24.7 37.1





#39

Methylcyclohexane

Concen: 4.547 ug/l

RT: 9.185 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY013259.D

Acq: 12 Apr 2023 10:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

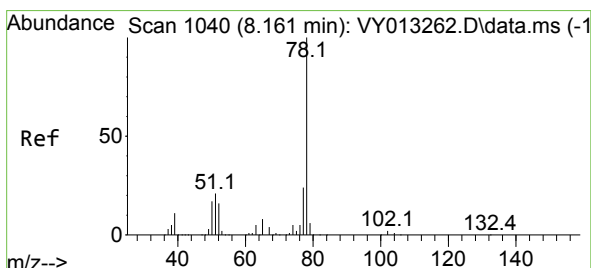
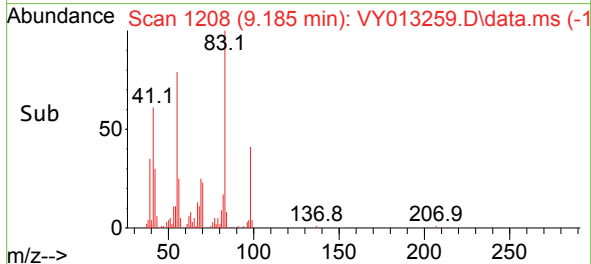
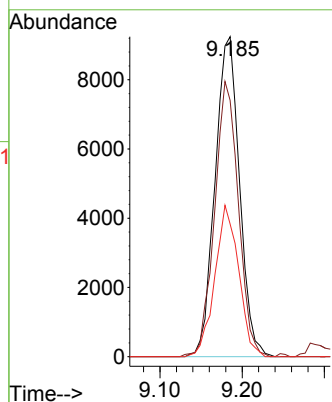
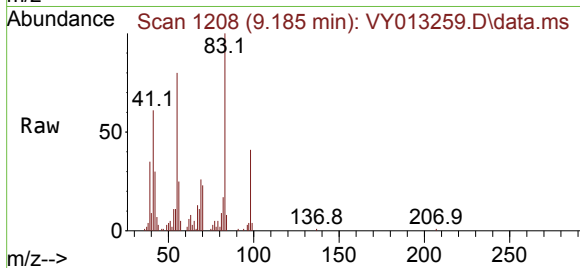
Tgt Ion: 83 Resp: 19136

Ion Ratio Lower Upper

83 100

55 80.1 60.0 90.0

98 41.4 38.3 57.5



#40

Benzene

Concen: 5.172 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY013259.D

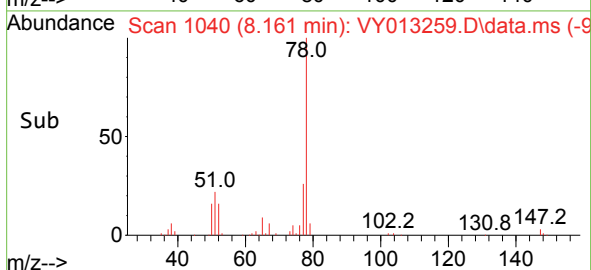
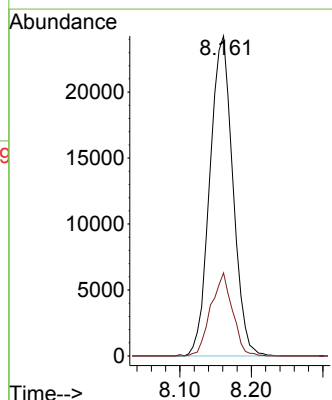
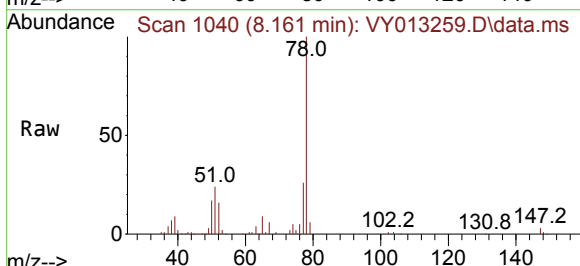
Acq: 12 Apr 2023 10:36

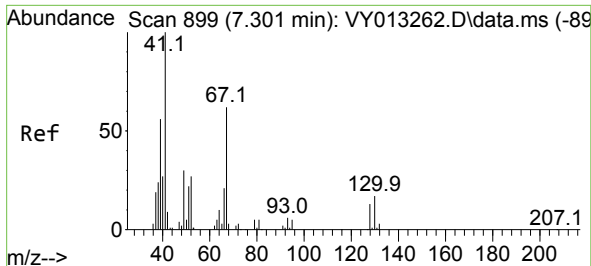
Tgt Ion: 78 Resp: 54198

Ion Ratio Lower Upper

78 100

77 25.9 19.4 29.0

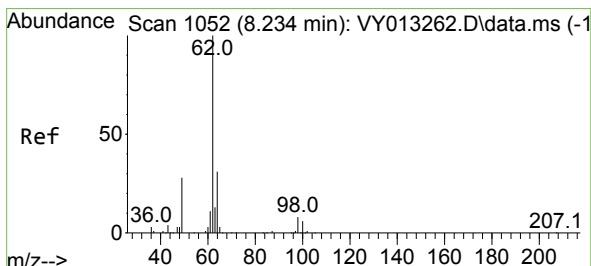
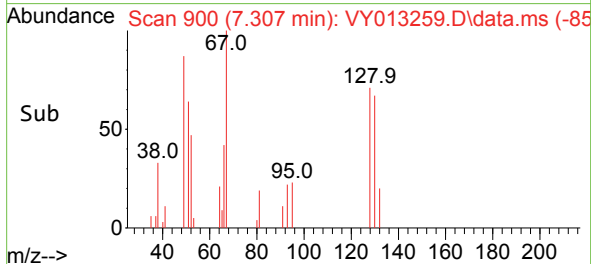
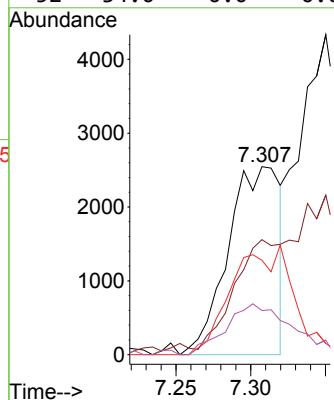
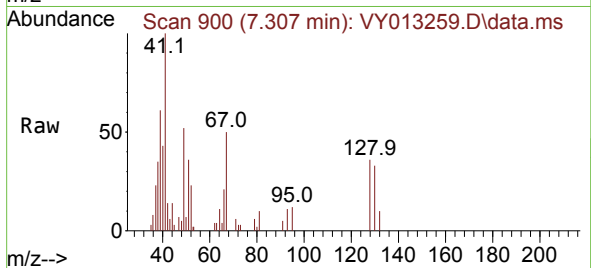




#41
Methacrylonitrile
Concen: 4.671 ug/l
RT: 7.307 min Scan# 900
Delta R.T. 0.006 min
Lab File: VY013259.D
Acq: 12 Apr 2023 10:36

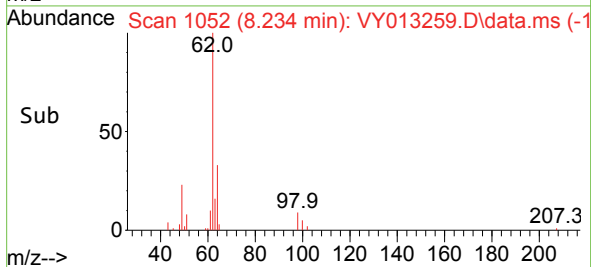
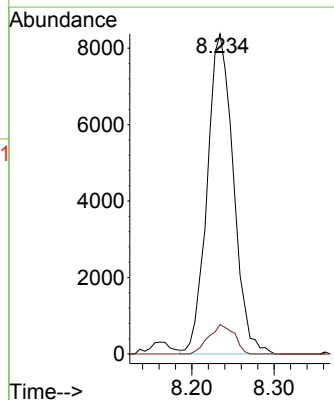
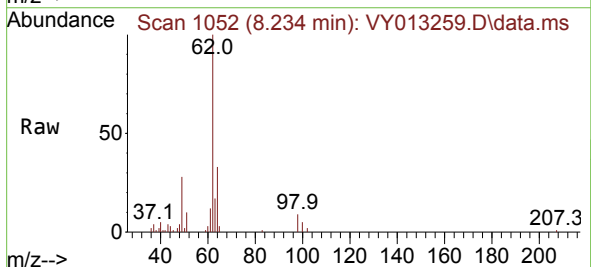
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

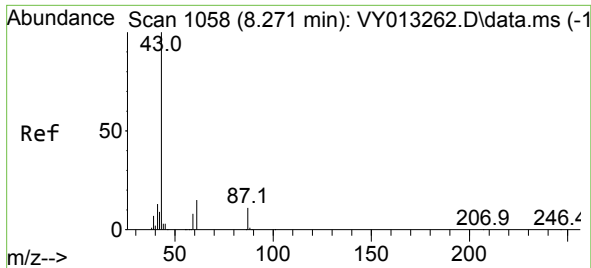
Tgt Ion:	41	Resp:	6160
Ion	Ratio	Lower	Upper
41	100		
39	46.3	0.0	0.0#
67	68.2	0.0	0.0#
52	34.0	0.0	0.0#



#42
1,2-Dichloroethane
Concen: 5.219 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY013259.D
Acq: 12 Apr 2023 10:36

Tgt Ion:	62	Resp:	18541
Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	18.8

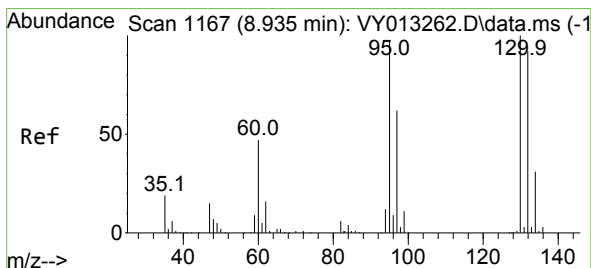
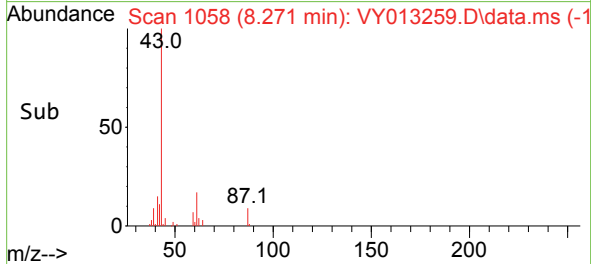
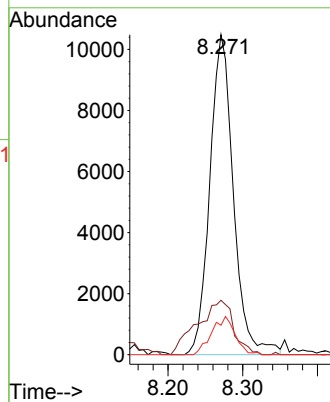
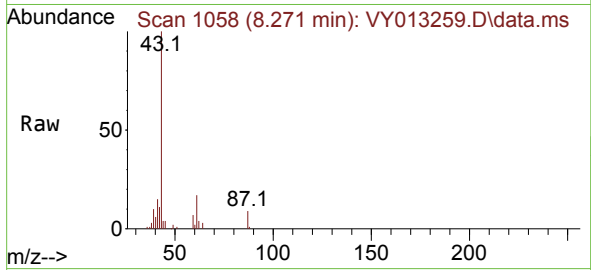




#43
Isopropyl Acetate
Concen: 4.750 ug/l
RT: 8.271 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VY013259.D
Acq: 12 Apr 2023 10:36

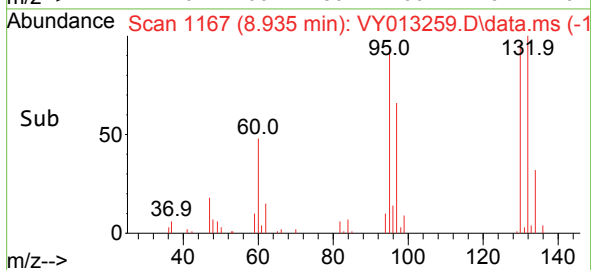
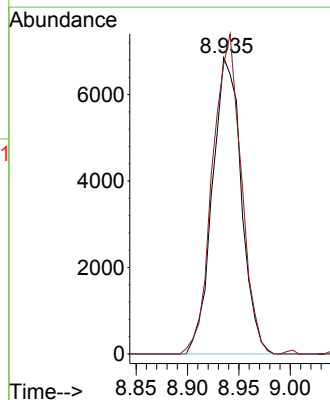
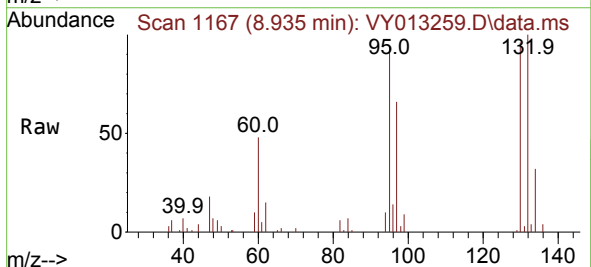
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

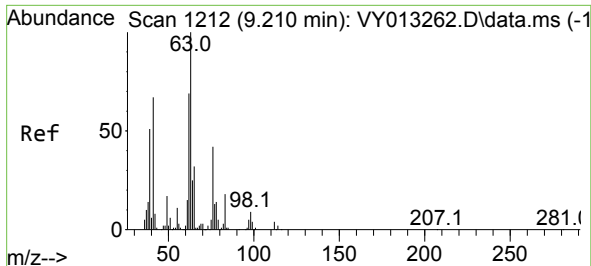
Tgt Ion: 43 Resp: 23026
Ion Ratio Lower Upper
43 100
61 26.0 21.6 32.4
87 11.9 9.9 14.9



#44
Trichloroethene
Concen: 4.969 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VY013259.D
Acq: 12 Apr 2023 10:36

Tgt Ion:130 Resp: 13413
Ion Ratio Lower Upper
130 100
95 97.8 0.0 185.0





#45

1,2-Dichloropropane

Concen: 5.048 ug/l

RT: 9.216 min Scan# 1213

Delta R.T. 0.006 min

Lab File: VY013259.D

Acq: 12 Apr 2023 10:36

Instrument :

MSVOA_Y

ClientSampleId :

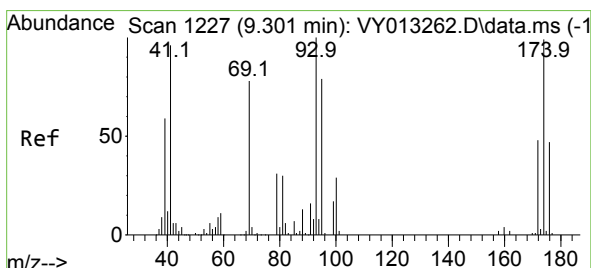
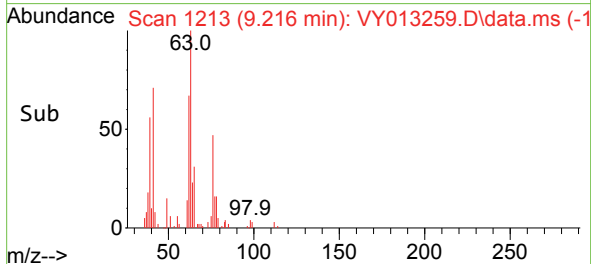
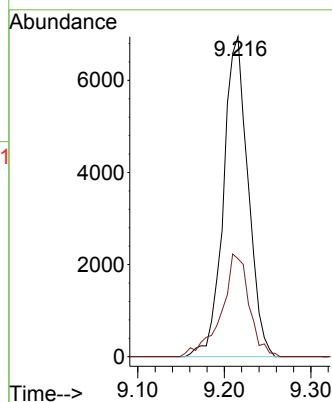
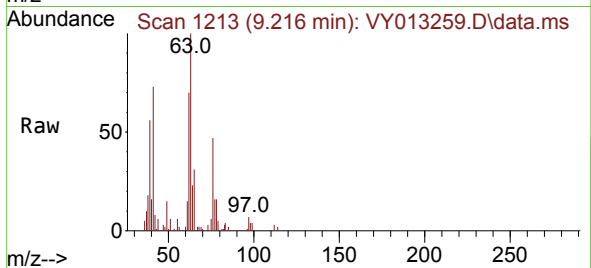
VSTDIC005

Tgt Ion: 63 Resp: 13728

Ion Ratio Lower Upper

63 100

65 30.6 25.7 38.5



#46

Dibromomethane

Concen: 5.253 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.006 min

Lab File: VY013259.D

Acq: 12 Apr 2023 10:36

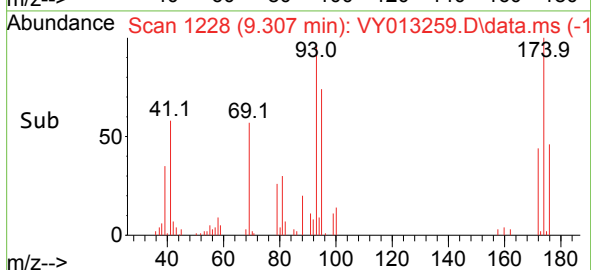
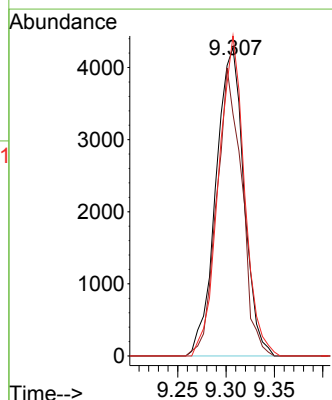
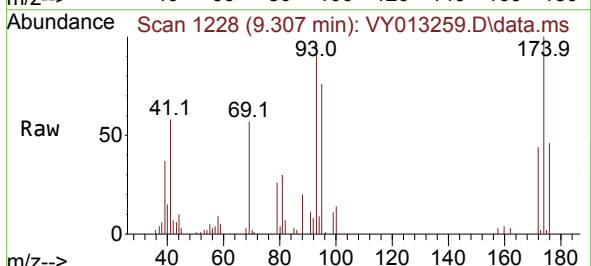
Tgt Ion: 93 Resp: 8598

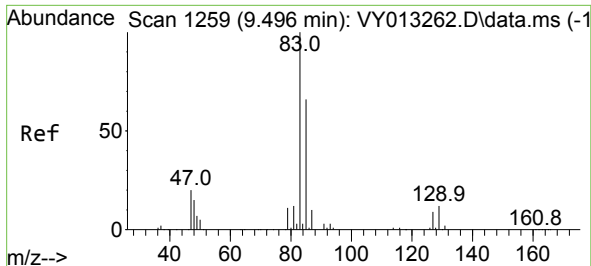
Ion Ratio Lower Upper

93 100

95 83.6 65.6 98.4

174 96.1 81.3 121.9

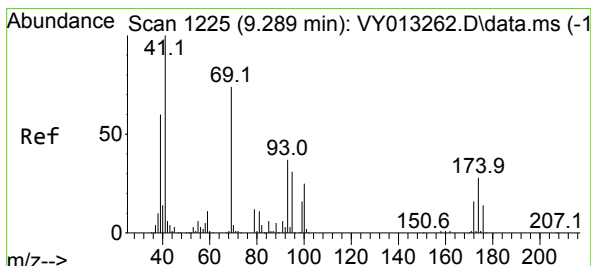
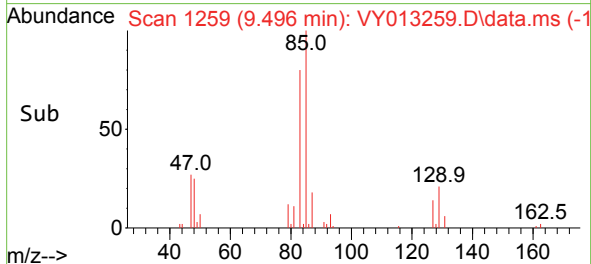
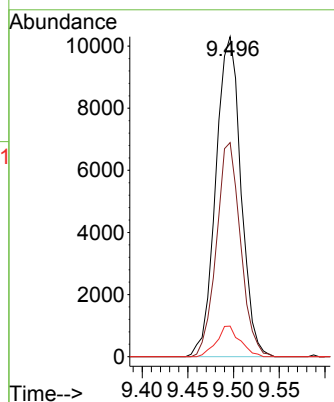
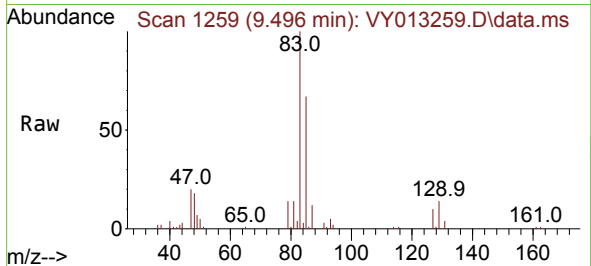




#47
Bromodichloromethane
Concen: 5.272 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY013259.D
Acq: 12 Apr 2023 10:36

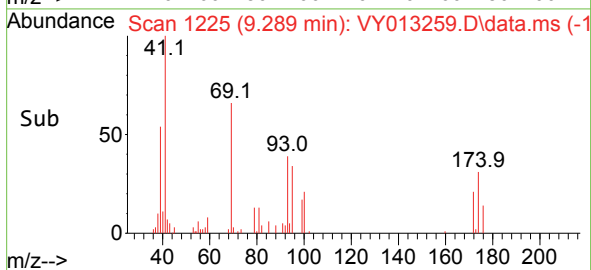
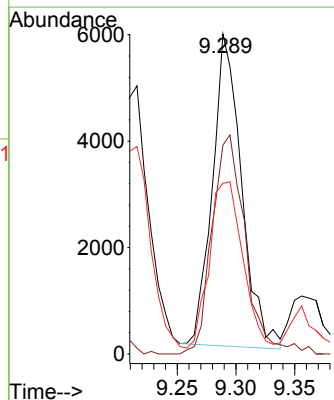
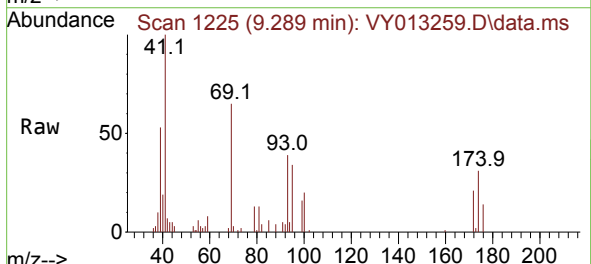
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

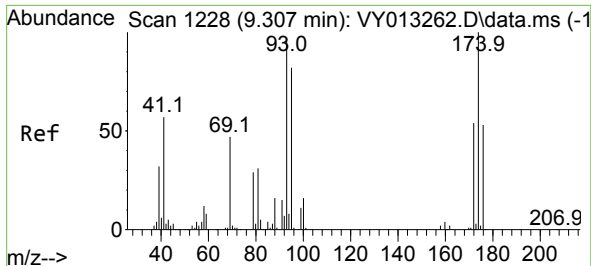
Tgt Ion: 83 Resp: 19729
Ion Ratio Lower Upper
83 100
85 66.9 50.2 75.4
127 9.6 6.3 9.5#



#48
Methyl methacrylate
Concen: 4.542 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. 0.000 min
Lab File: VY013259.D
Acq: 12 Apr 2023 10:36

Tgt Ion: 41 Resp: 10113
Ion Ratio Lower Upper
41 100
69 80.2 64.1 96.1
39 61.0 44.0 66.0





#49

1,4-Dioxane

Concen: 96.406 ug/l

RT: 9.307 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY013259.D

Acq: 12 Apr 2023 10:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

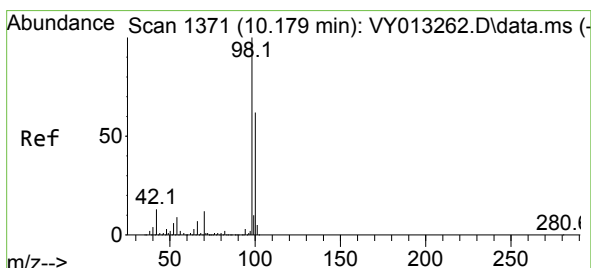
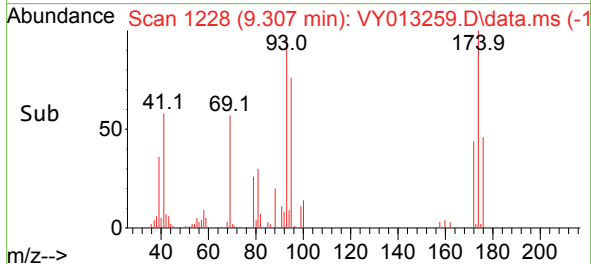
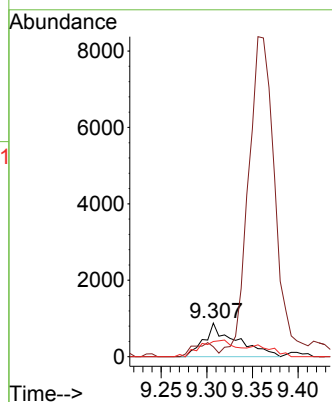
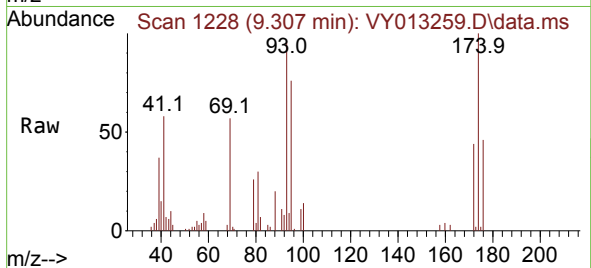
Tgt Ion: 88 Resp: 2138

Ion Ratio Lower Upper

88 100

43 27.8 28.6 42.8#

58 56.9 55.2 82.8



#50

Toluene-d8

Concen: 4.952 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY013259.D

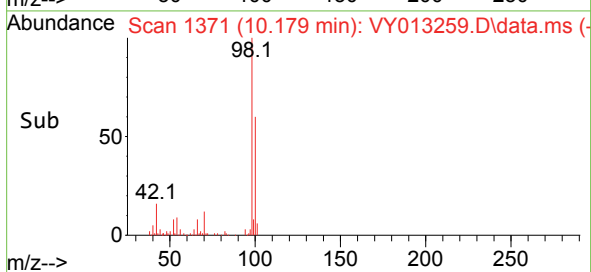
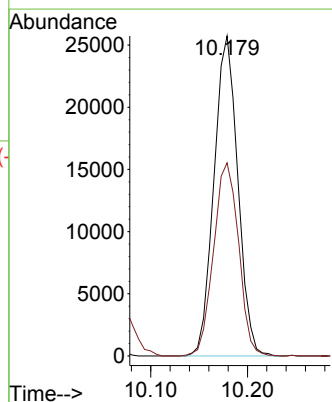
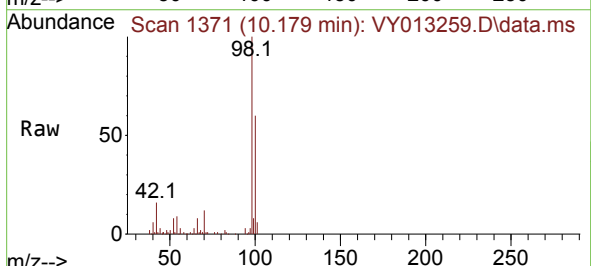
Acq: 12 Apr 2023 10:36

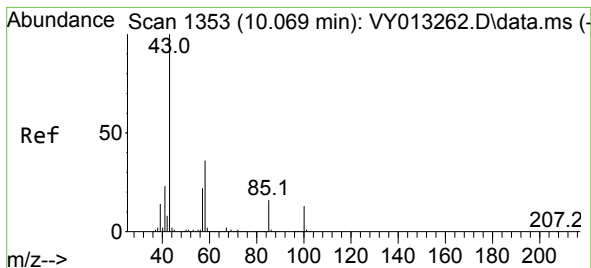
Tgt Ion: 98 Resp: 44047

Ion Ratio Lower Upper

98 100

100 63.3 50.9 76.3

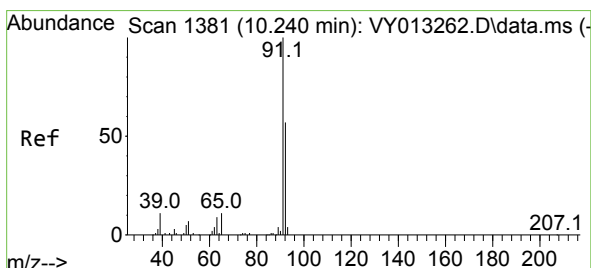
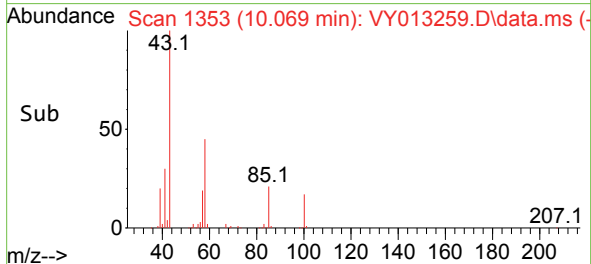
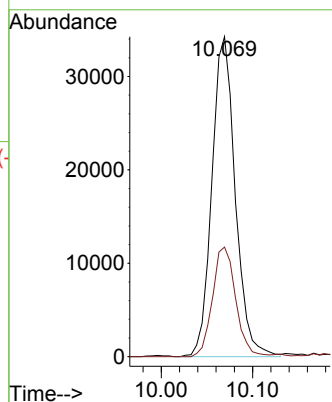
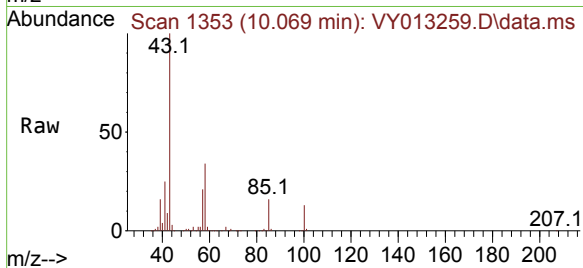




#51
4-Methyl-2-Pentanone
Concen: 23.050 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY013259.D
Acq: 12 Apr 2023 10:36

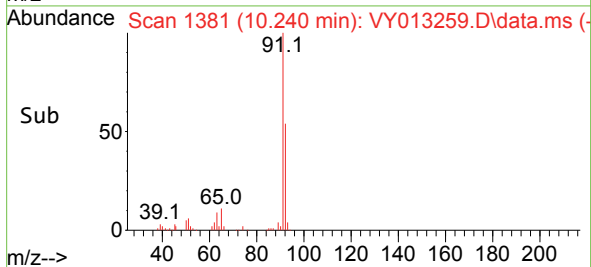
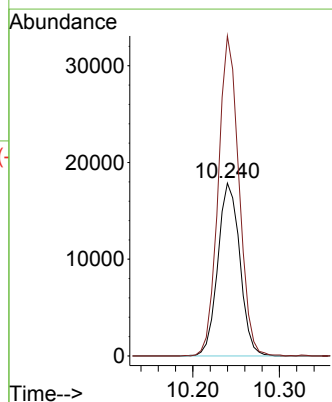
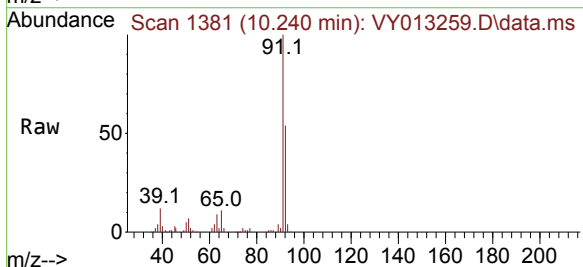
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

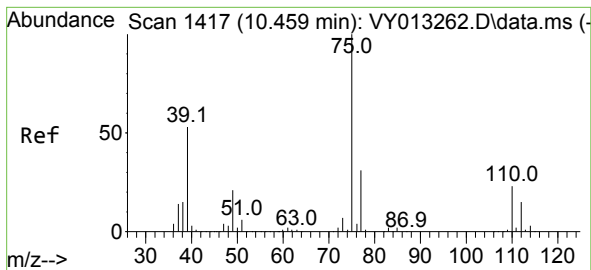
Tgt Ion: 43 Resp: 60806
Ion Ratio Lower Upper
43 100
58 34.0 29.8 44.6



#52
Toluene
Concen: 4.982 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VY013259.D
Acq: 12 Apr 2023 10:36

Tgt Ion: 92 Resp: 31524
Ion Ratio Lower Upper
92 100
91 174.9 141.3 211.9

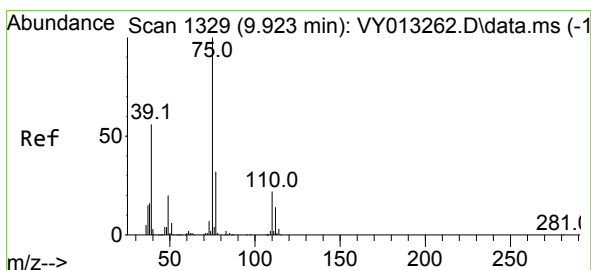
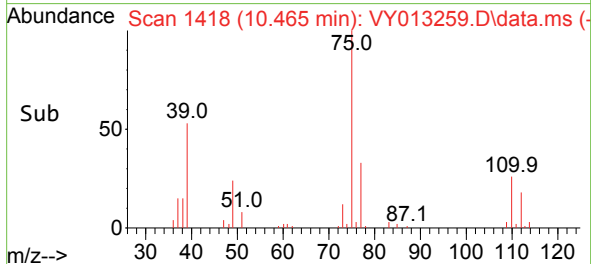
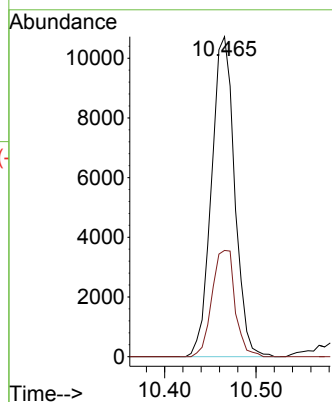
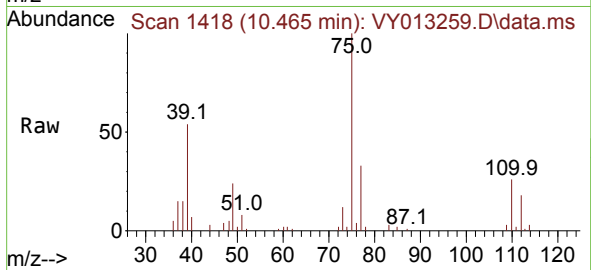




#53
 t-1,3-Dichloropropene
 Concen: 4.805 ug/l
 RT: 10.465 min Scan# 1417
 Delta R.T. 0.006 min
 Lab File: VY013259.D
 Acq: 12 Apr 2023 10:36

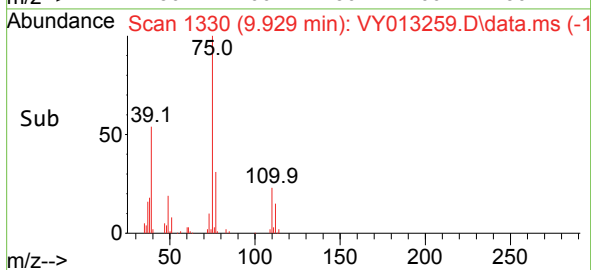
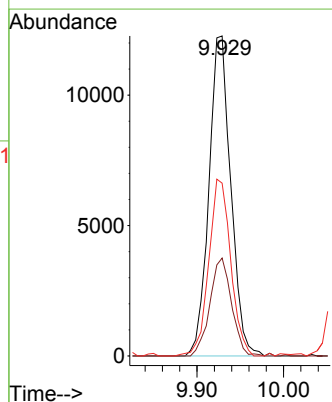
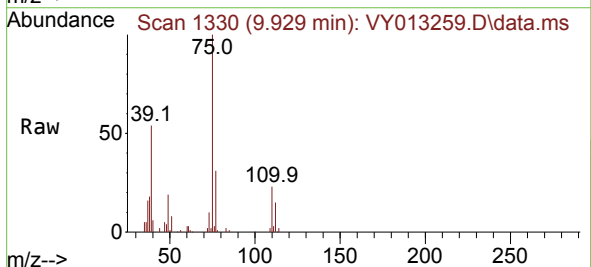
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

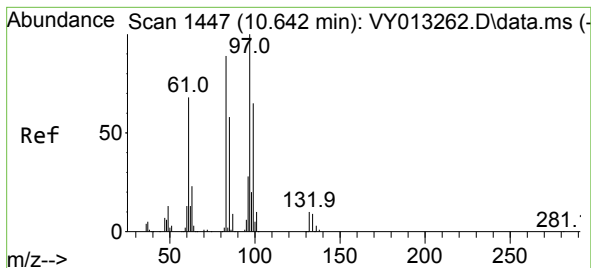
Tgt Ion: 75 Resp: 18831
 Ion Ratio Lower Upper
 75 100
 77 33.2 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 5.018 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. 0.006 min
 Lab File: VY013259.D
 Acq: 12 Apr 2023 10:36

Tgt Ion: 75 Resp: 21561
 Ion Ratio Lower Upper
 75 100
 77 30.6 25.4 38.0
 39 53.5 39.0 58.4





#55

1,1,2-Trichloroethane

Concen: 5.180 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. 0.000 min

Lab File: VY013259.D

Acq: 12 Apr 2023 10:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tgt Ion: 97 Resp: 11179

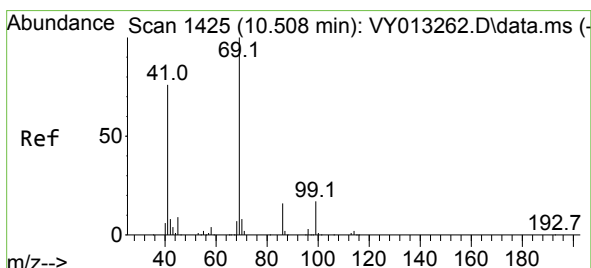
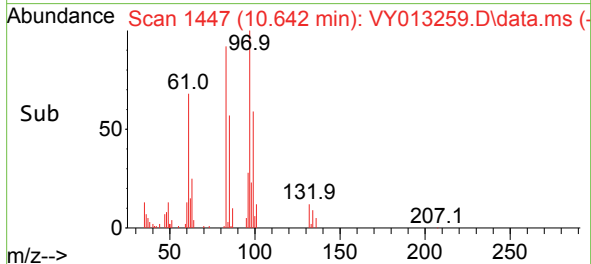
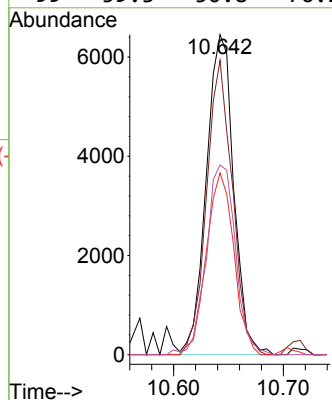
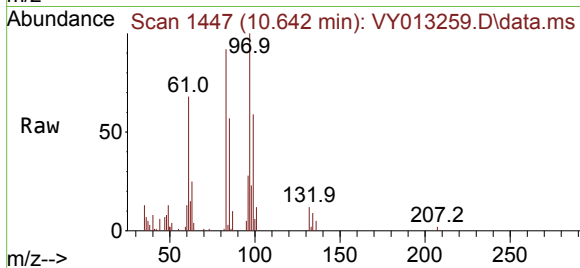
Ion Ratio Lower Upper

97 100

83 92.0 69.0 103.6

85 56.8 44.9 67.3

99 59.3 50.8 76.2



#56

Ethyl methacrylate

Concen: 4.180 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. 0.000 min

Lab File: VY013259.D

Acq: 12 Apr 2023 10:36

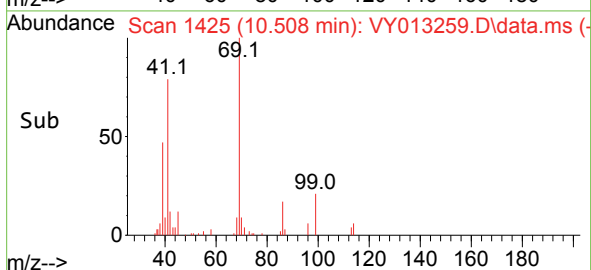
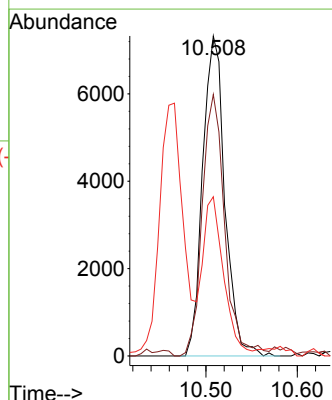
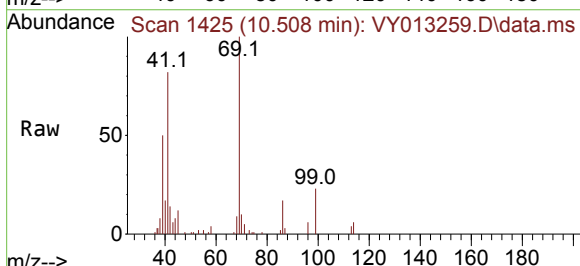
Tgt Ion: 69 Resp: 12353

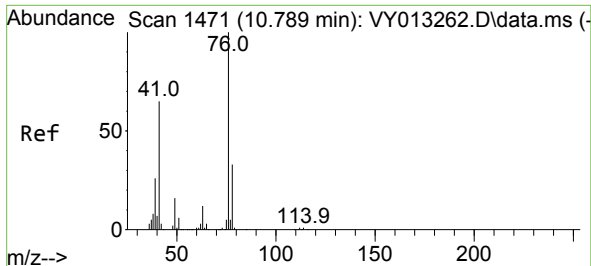
Ion Ratio Lower Upper

69 100

41 82.8 56.4 84.6

39 43.3 30.8 46.2





#57

1,3-Dichloropropane

Concen: 5.051 ug/l

RT: 10.789 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY013259.D

Acq: 12 Apr 2023 10:36

Instrument :

MSVOA_Y

ClientSampleId :

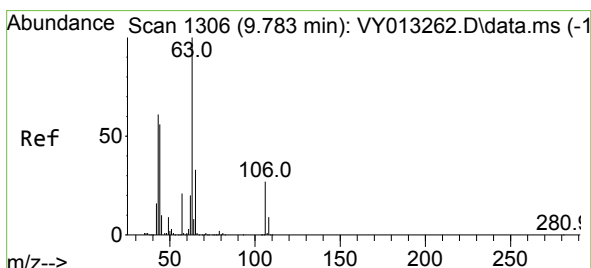
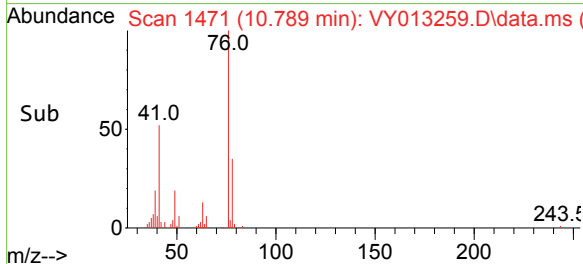
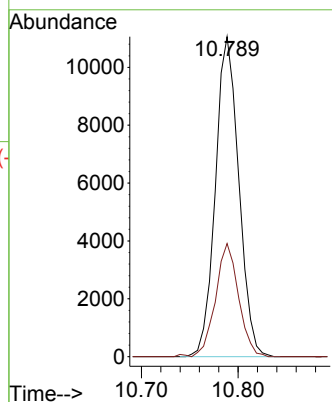
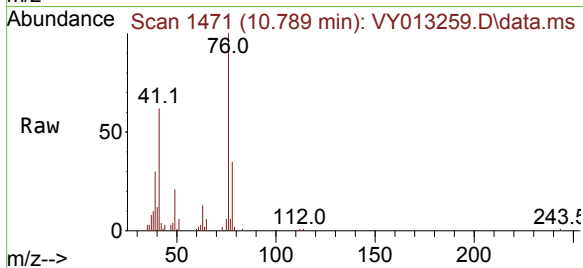
VSTDIC005

Tgt Ion: 76 Resp: 18542

Ion Ratio Lower Upper

76 100

78 35.0 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 23.441 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY013259.D

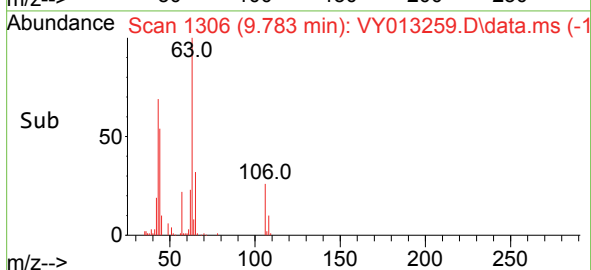
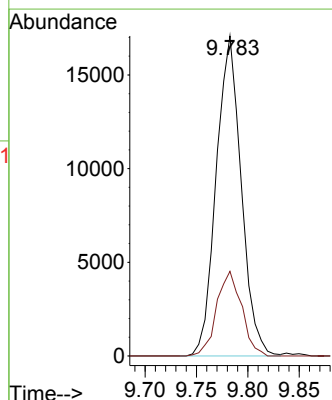
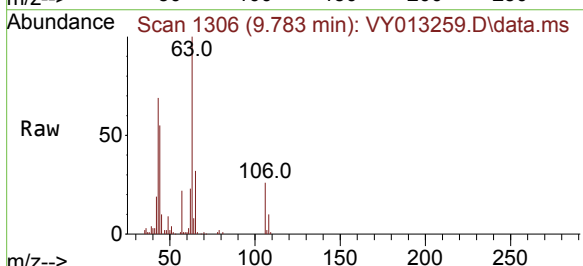
Acq: 12 Apr 2023 10:36

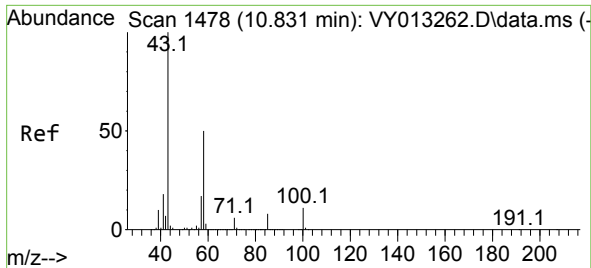
Tgt Ion: 63 Resp: 28923

Ion Ratio Lower Upper

63 100

106 26.5 22.1 33.1

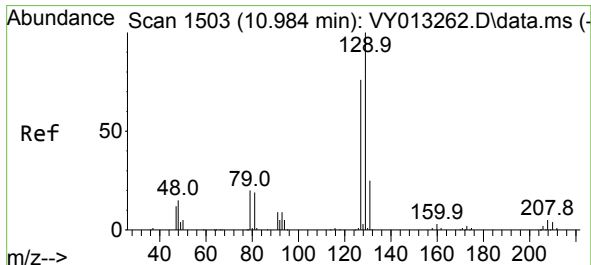
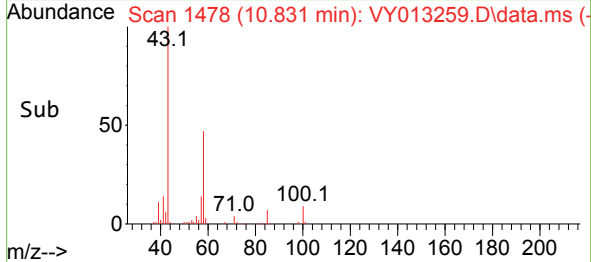
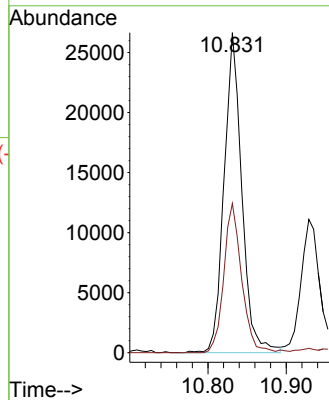
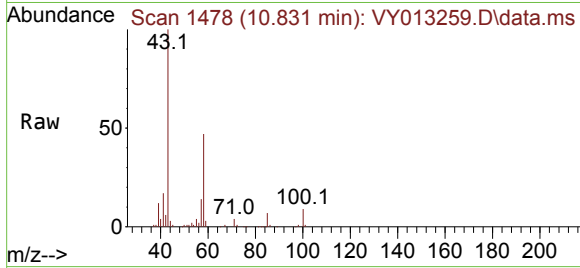




#59
2-Hexanone
Concen: 21.900 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY013259.D
Acq: 12 Apr 2023 10:36

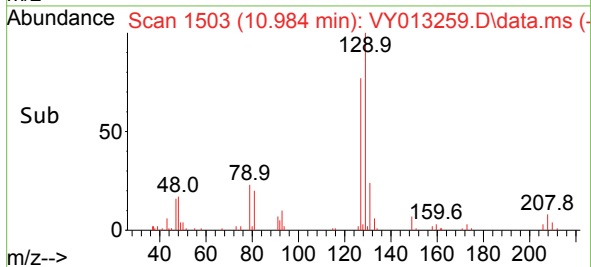
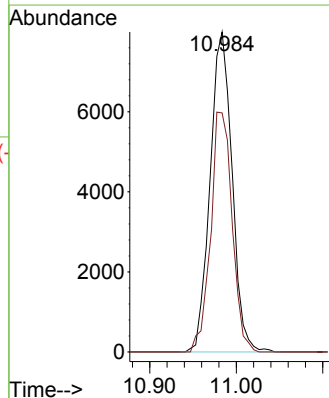
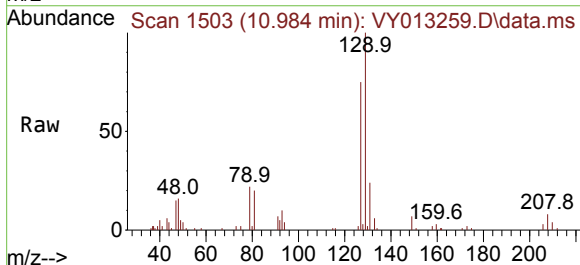
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

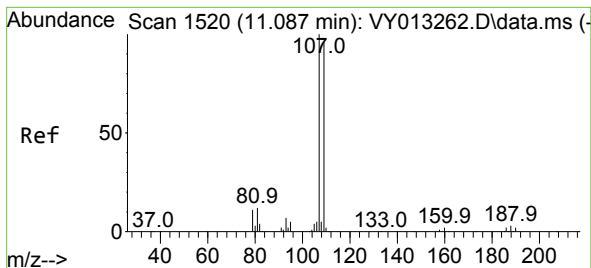
Tgt Ion: 43 Resp: 42007
Ion Ratio Lower Upper
43 100
58 46.7 25.9 77.8



#60
Dibromochloromethane
Concen: 5.195 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY013259.D
Acq: 12 Apr 2023 10:36

Tgt Ion: 129 Resp: 14059
Ion Ratio Lower Upper
129 100
127 73.2 38.7 116.1





#61

1,2-Dibromoethane

Concen: 4.916 ug/l

RT: 11.087 min Scan# 1520

Delta R.T. 0.000 min

Lab File: VY013259.D

Acq: 12 Apr 2023 10:36

Instrument :

MSVOA_Y

ClientSampleId :

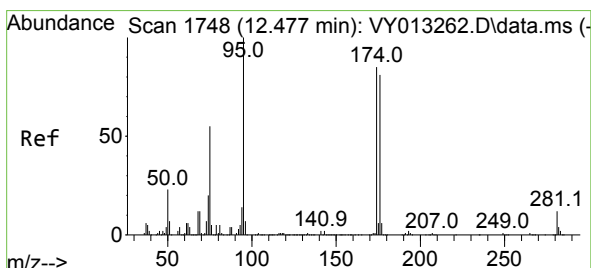
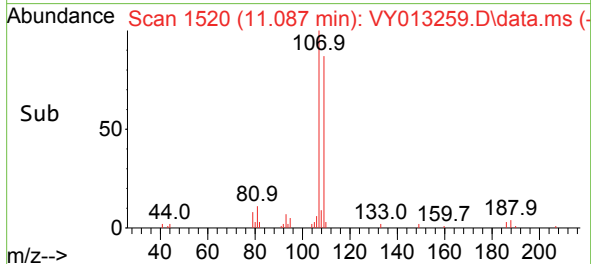
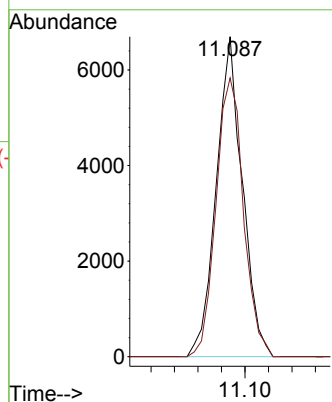
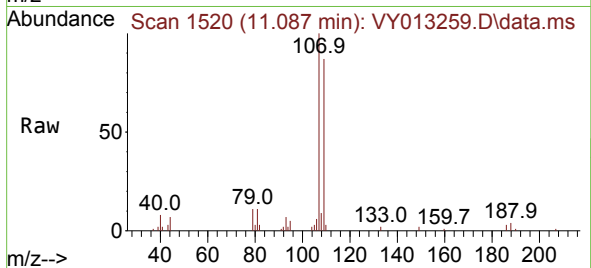
VSTDIC005

Tgt Ion:107 Resp: 10331

Ion Ratio Lower Upper

107 100

109 91.6 75.0 112.6



#62

4-Bromofluorobenzene

Concen: 4.866 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.000 min

Lab File: VY013259.D

Acq: 12 Apr 2023 10:36

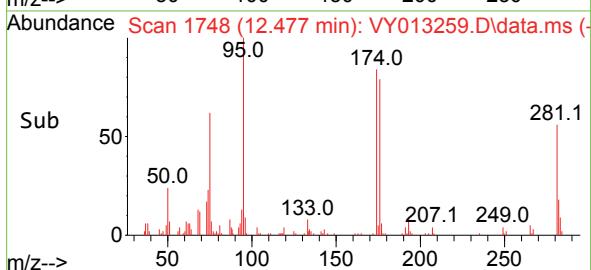
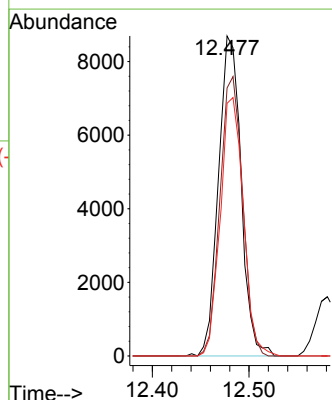
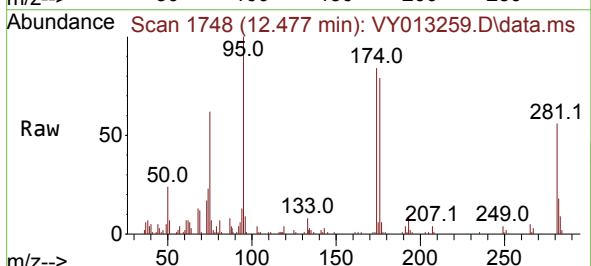
Tgt Ion: 95 Resp: 14064

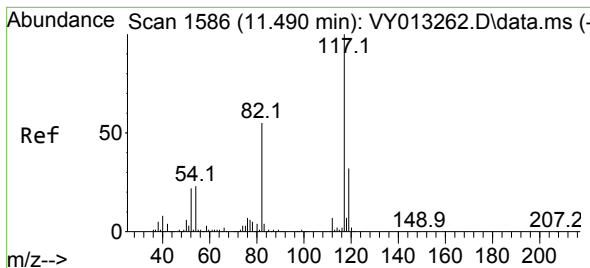
Ion Ratio Lower Upper

95 100

174 87.7 0.0 176.6

176 82.7 0.0 170.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY013259.D

Acq: 12 Apr 2023 10:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

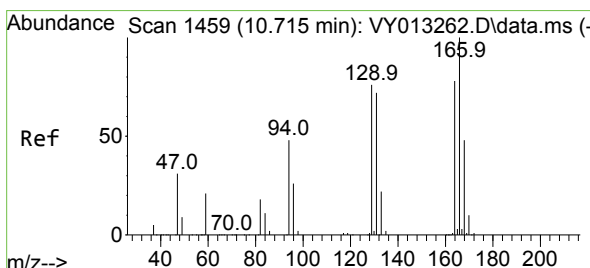
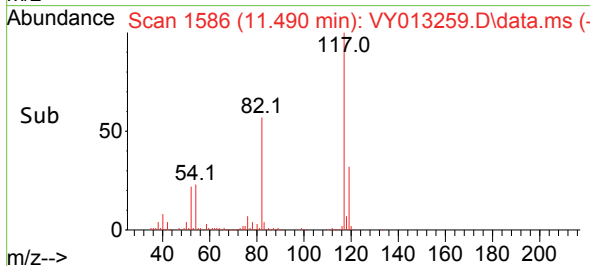
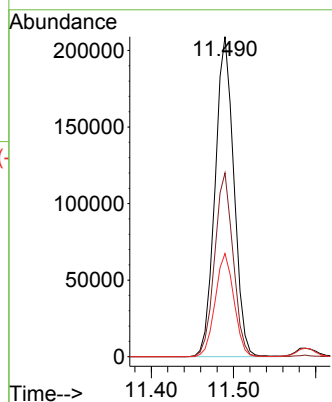
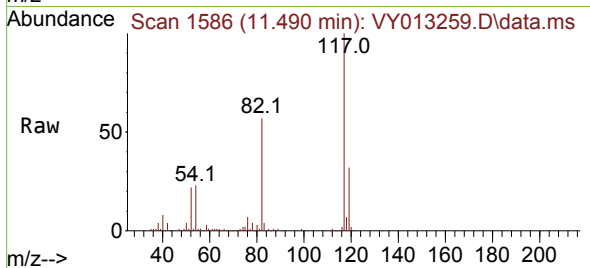
Tgt Ion:117 Resp: 331679

Ion Ratio Lower Upper

117 100

82 57.4 45.4 68.0

119 32.2 25.6 38.4



#64

Tetrachloroethene

Concen: 4.980 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VY013259.D

Acq: 12 Apr 2023 10:36

Tgt Ion:164 Resp: 11653

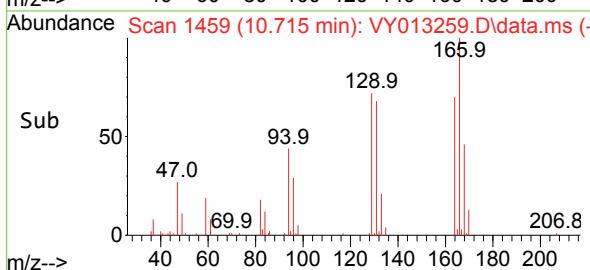
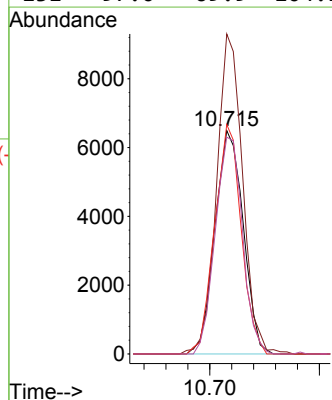
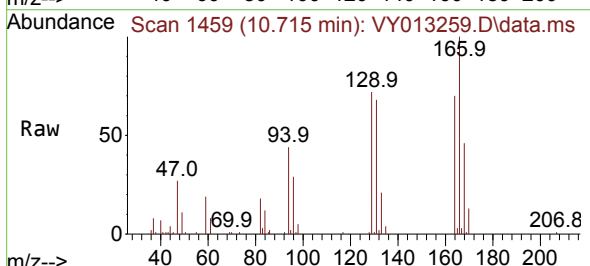
Ion Ratio Lower Upper

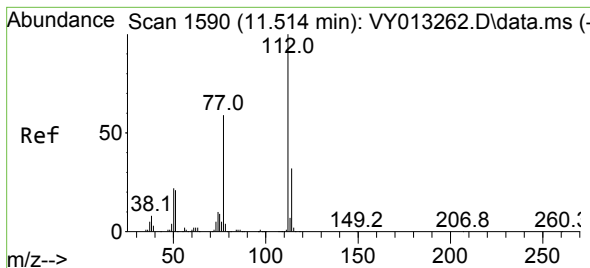
164 100

166 143.3 103.4 155.2

129 102.7 71.4 107.2

131 97.0 69.9 104.9





#65

Chlorobenzene

Concen: 5.353 ug/l

RT: 11.514 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY013259.D

Acq: 12 Apr 2023 10:36

Instrument :

MSVOA_Y

ClientSampleId :

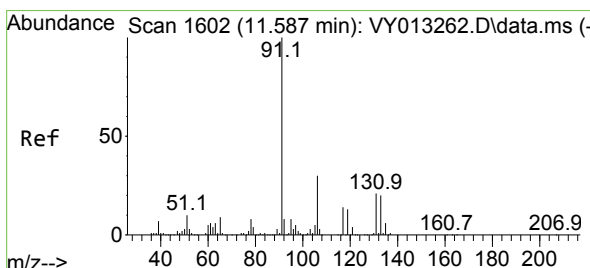
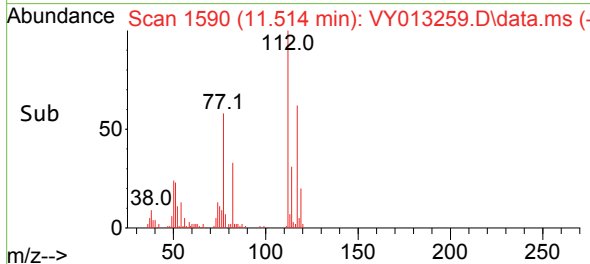
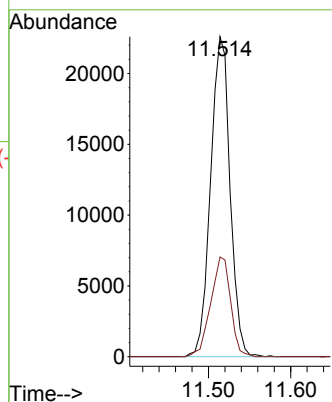
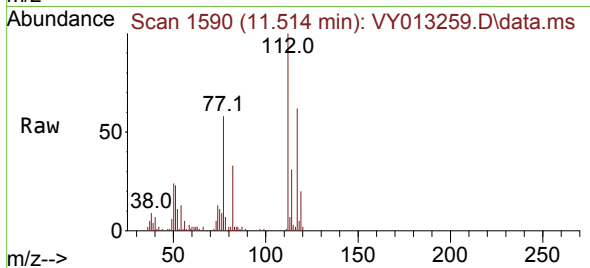
VSTDICC005

Tgt Ion:112 Resp: 37139

Ion Ratio Lower Upper

112 100

114 31.2 24.5 36.7



#66

1,1,1,2-Tetrachloroethane

Concen: 5.102 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VY013259.D

Acq: 12 Apr 2023 10:36

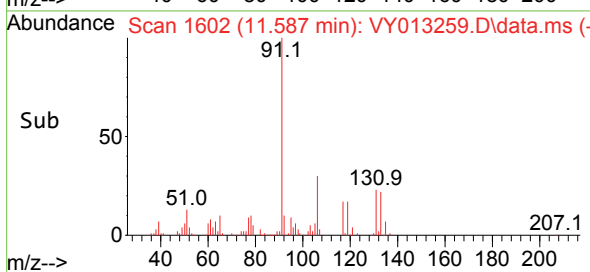
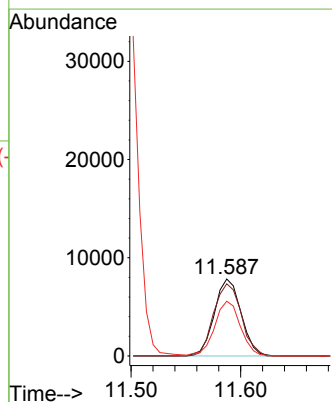
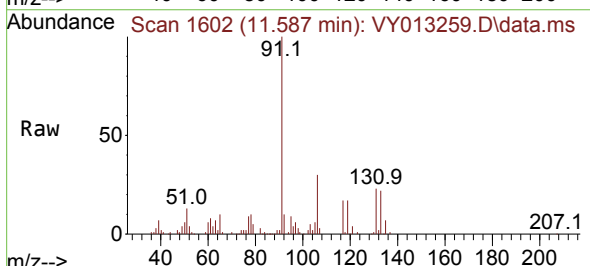
Tgt Ion:131 Resp: 13285

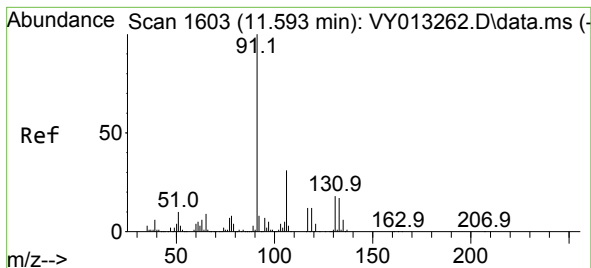
Ion Ratio Lower Upper

131 100

133 96.5 48.0 144.0

119 68.8 32.6 98.0

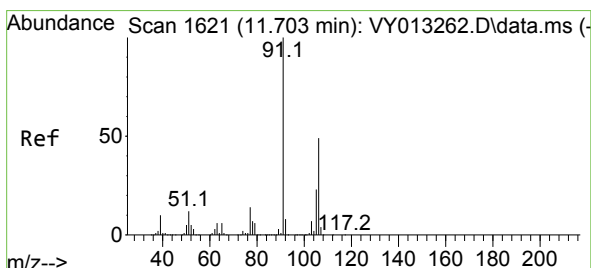
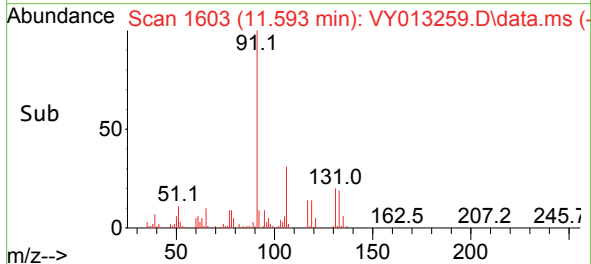
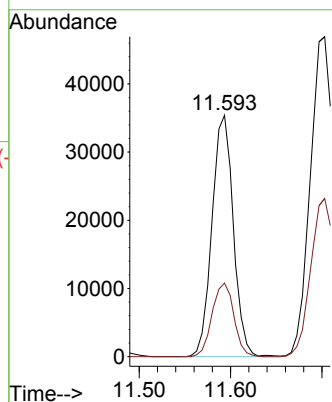
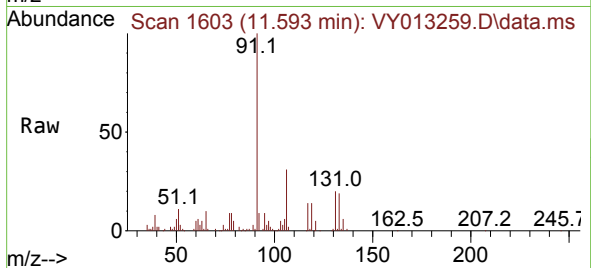




#67
Ethyl Benzene
Concen: 4.742 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY013259.D
Acq: 12 Apr 2023 10:36

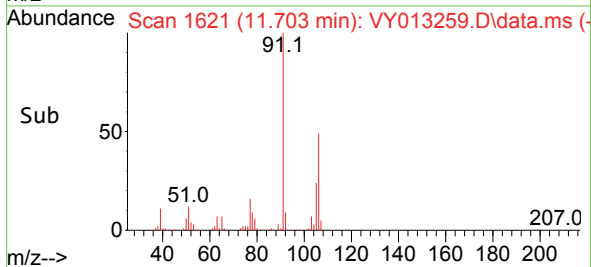
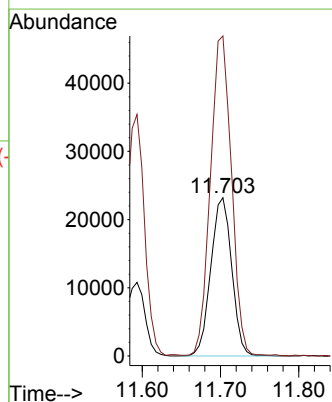
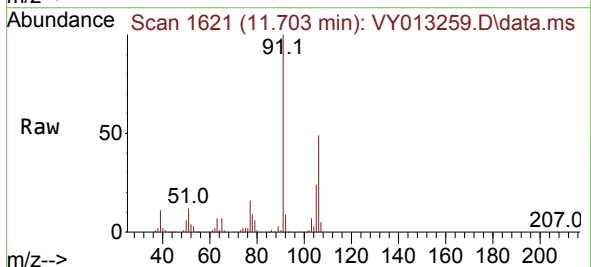
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

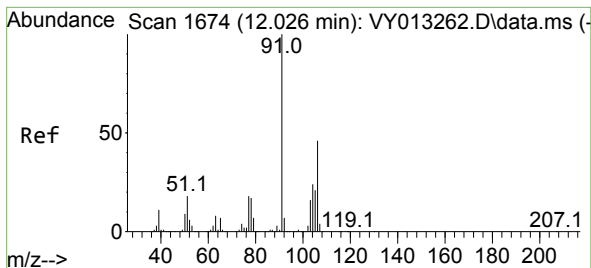
Tgt Ion: 91 Resp: 57306
Ion Ratio Lower Upper
91 100
106 30.5 25.1 37.7



#68
m/p-Xylenes
Concen: 9.309 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VY013259.D
Acq: 12 Apr 2023 10:36

Tgt Ion: 106 Resp: 43042
Ion Ratio Lower Upper
106 100
91 204.3 159.8 239.8





#69

o-Xylene

Concen: 4.597 ug/l

RT: 12.032 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY013259.D

Acq: 12 Apr 2023 10:36

Instrument :

MSVOA_Y

ClientSampleId :

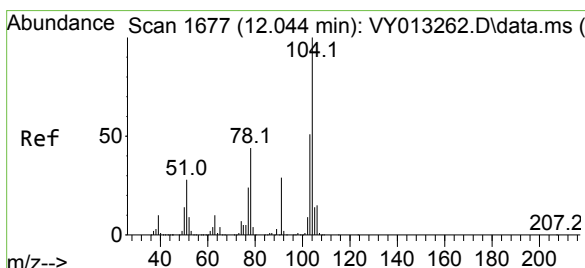
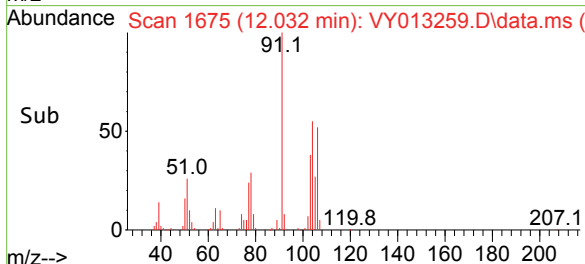
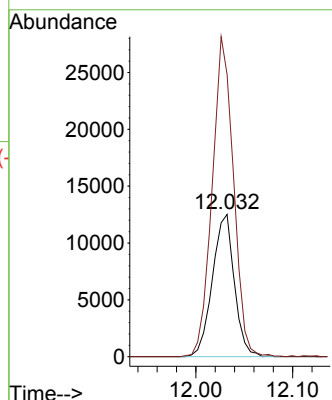
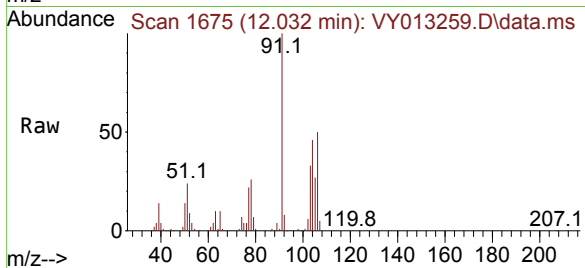
VSTDIC005

Tgt Ion:106 Resp: 19687

Ion Ratio Lower Upper

106 100

91 218.8 107.2 321.6



#70

Styrene

Concen: 4.511 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY013259.D

Acq: 12 Apr 2023 10:36

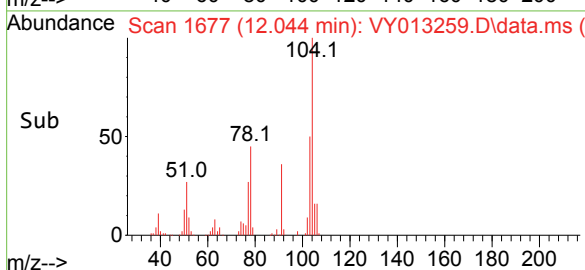
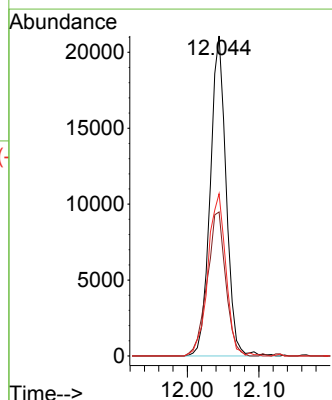
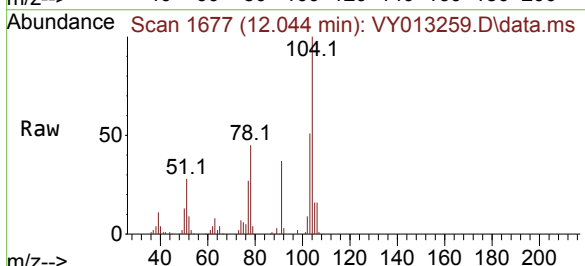
Tgt Ion:104 Resp: 32628

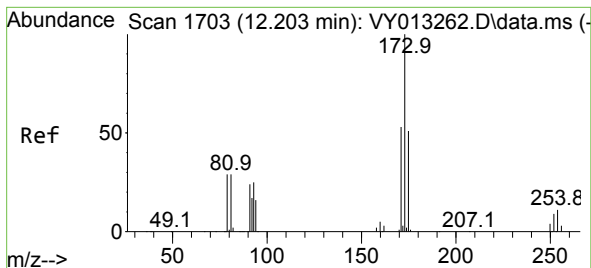
Ion Ratio Lower Upper

104 100

78 52.5 39.2 58.8

103 57.2 43.7 65.5





#71

Bromoform

Concen: 4.855 ug/l

RT: 12.209 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY013259.D

Acq: 12 Apr 2023 10:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

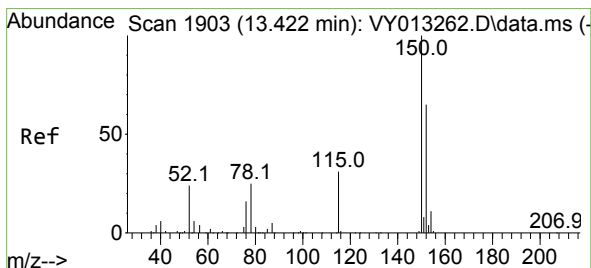
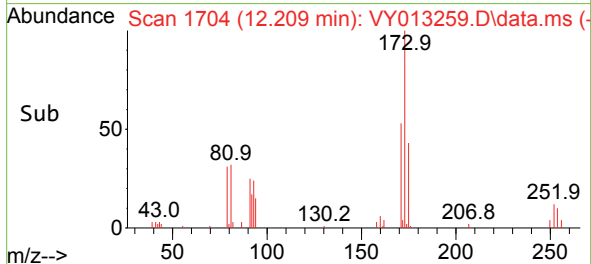
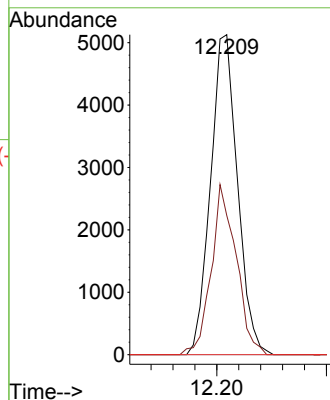
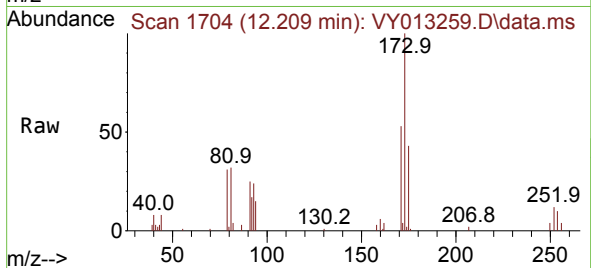
Tgt Ion:173 Resp: 8757

Ion Ratio Lower Upper

173 100

175 49.1 25.0 75.0

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY013259.D

Acq: 12 Apr 2023 10:36

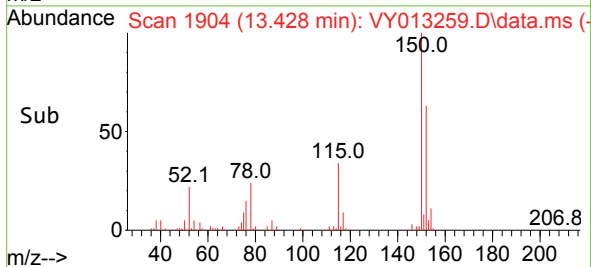
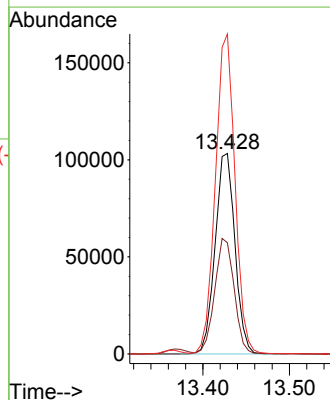
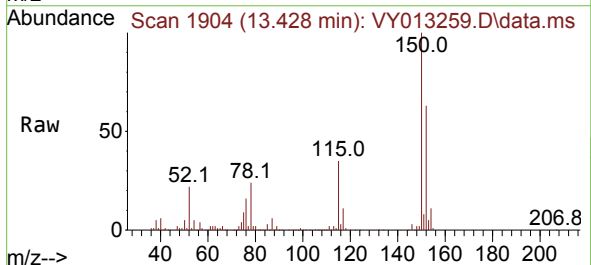
Tgt Ion:152 Resp: 164187

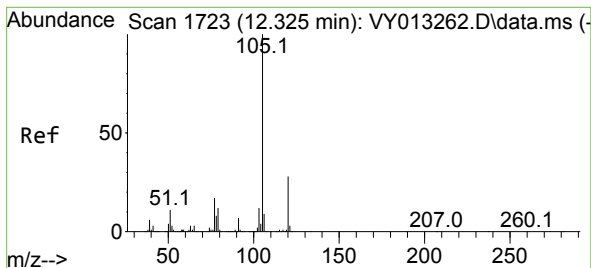
Ion Ratio Lower Upper

152 100

115 56.6 27.1 81.3

150 157.9 0.0 347.8





#73

Isopropylbenzene

Concen: 4.605 ug/l

RT: 12.331 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY013259.D

Acq: 12 Apr 2023 10:36

Instrument :

MSVOA_Y

ClientSampleId :

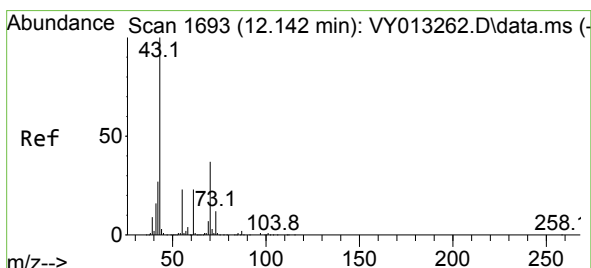
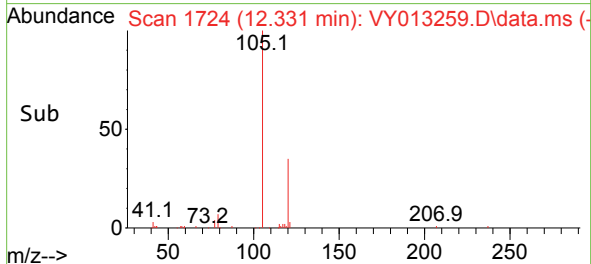
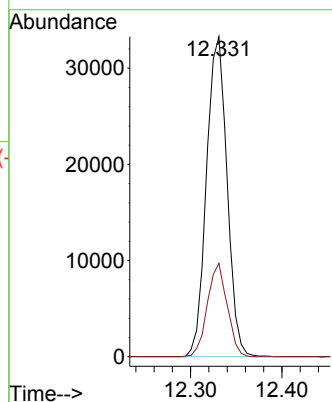
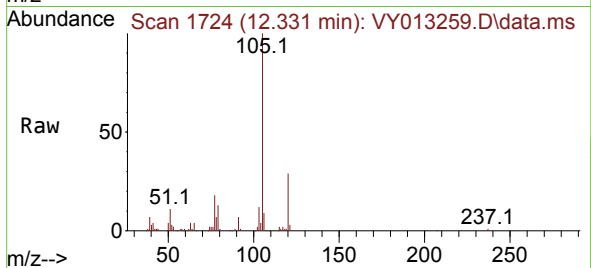
VSTDIC005

Tgt Ion:105 Resp: 51862

Ion Ratio Lower Upper

105 100

120 28.1 13.4 40.2



#74

N-ethyl acetate

Concen: 4.604 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. 0.000 min

Lab File: VY013259.D

Acq: 12 Apr 2023 10:36

Tgt Ion: 43 Resp: 18500

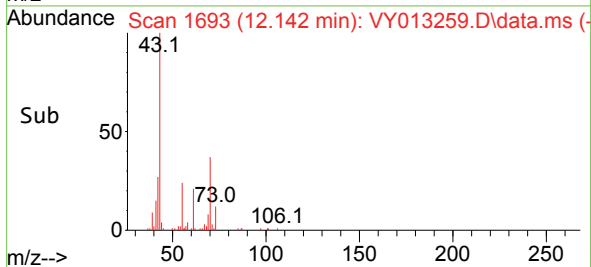
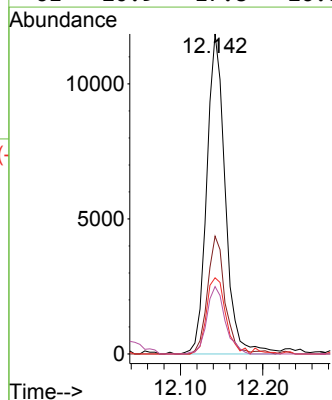
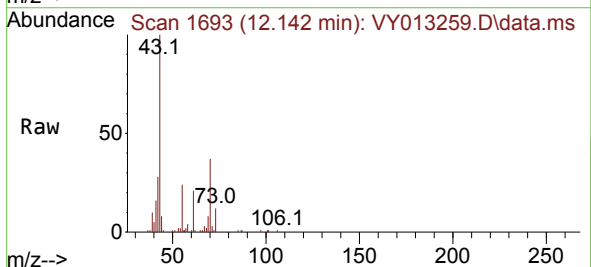
Ion Ratio Lower Upper

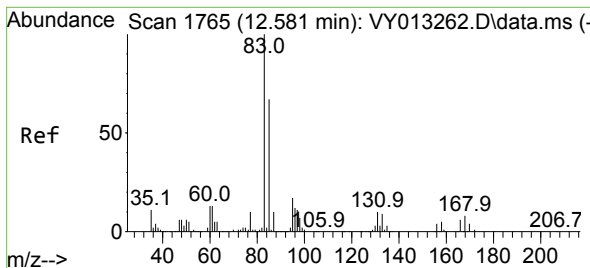
43 100

70 34.3 31.6 47.4

55 24.7 18.8 28.2

61 20.9 17.8 26.8





#75

1,1,2,2-Tetrachloroethane

Concen: 5.234 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. 0.000 min

Lab File: VY013259.D

Acq: 12 Apr 2023 10:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

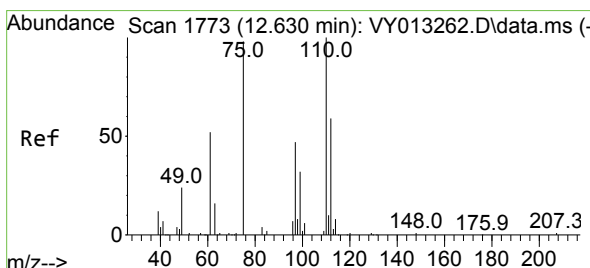
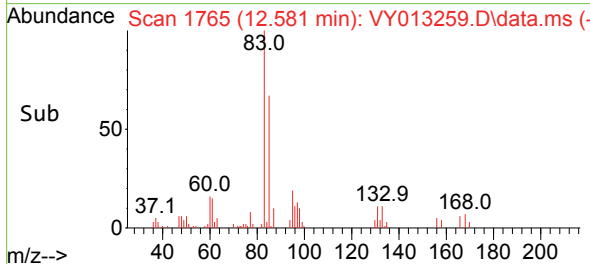
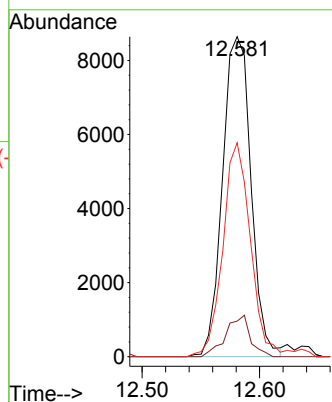
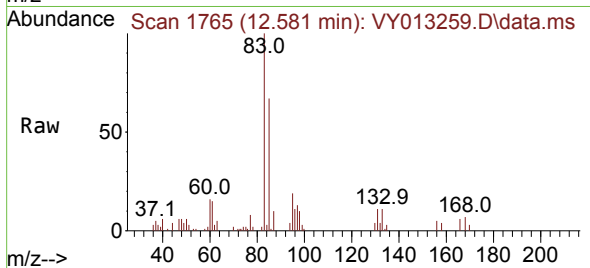
Tgt Ion: 83 Resp: 14562

Ion Ratio Lower Upper

83 100

131 11.1 5.1 15.2

85 65.1 31.8 95.3



#76

1,2,3-Trichloropropane

Concen: 8.168 ug/l

RT: 12.630 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY013259.D

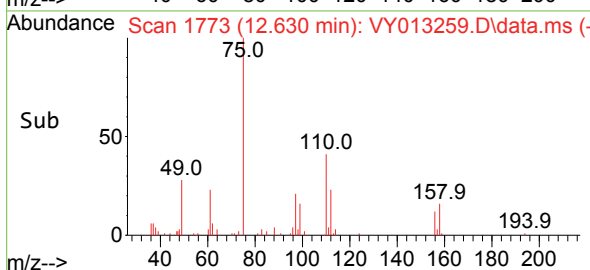
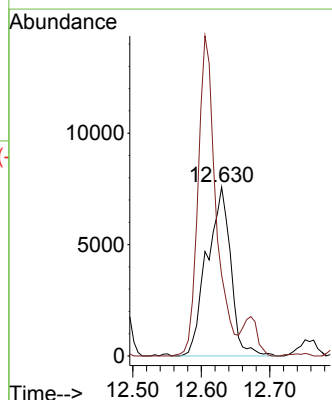
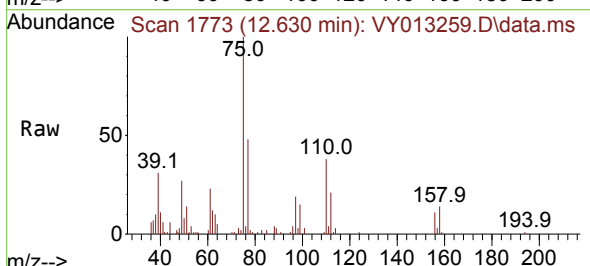
Acq: 12 Apr 2023 10:36

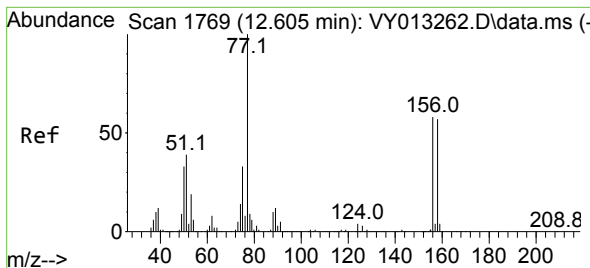
Tgt Ion: 75 Resp: 18290

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 4.868 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY013259.D

Acq: 12 Apr 2023 10:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

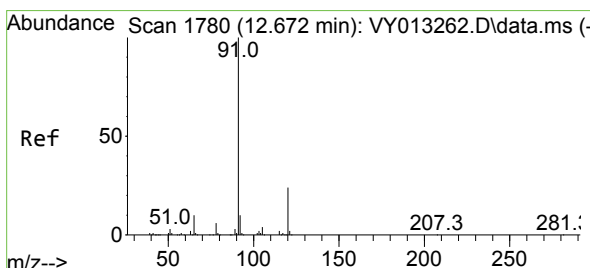
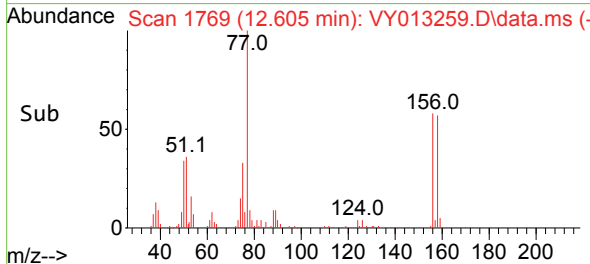
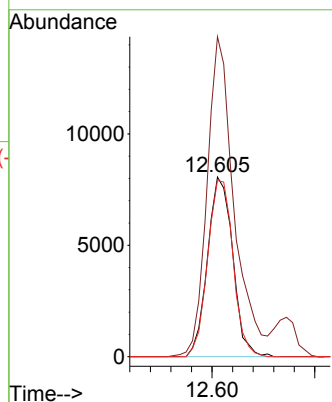
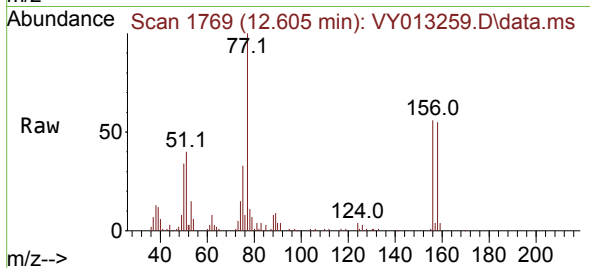
Tgt Ion:156 Resp: 13710

Ion Ratio Lower Upper

156 100

77 191.8 94.0 282.1

158 99.0 48.1 144.4



#78

n-propylbenzene

Concen: 4.647 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY013259.D

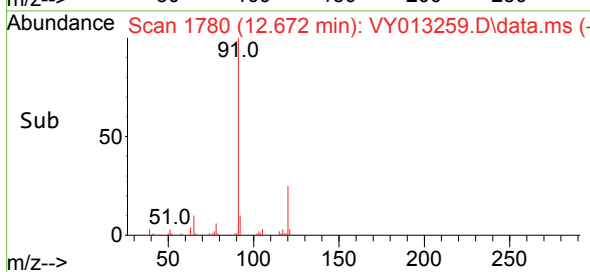
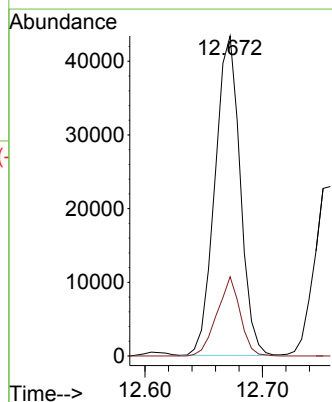
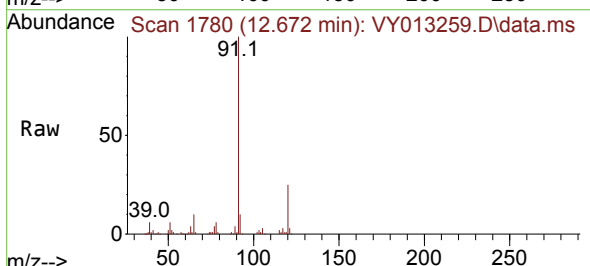
Acq: 12 Apr 2023 10:36

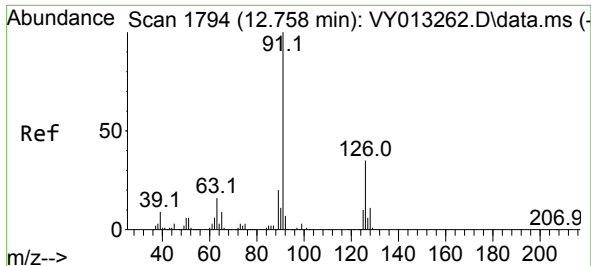
Tgt Ion: 91 Resp: 64636

Ion Ratio Lower Upper

91 100

120 22.8 11.6 34.8

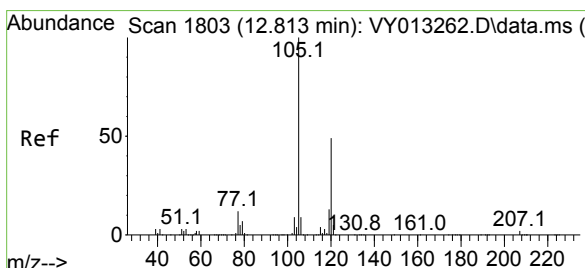
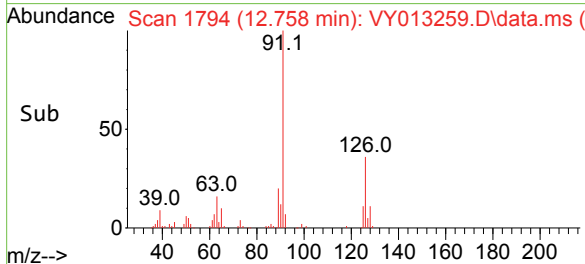
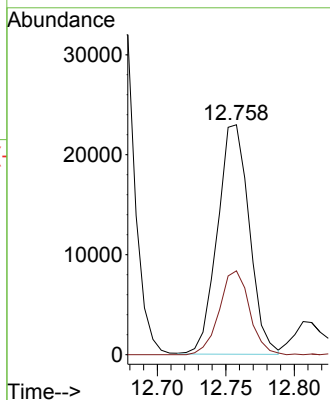
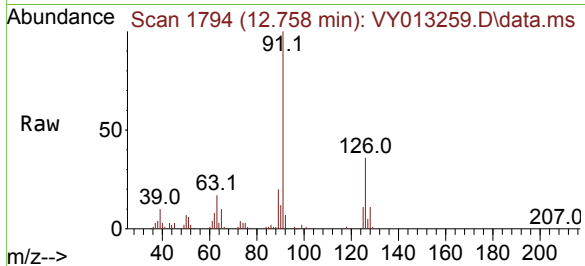




#79
2-Chlorotoluene
Concen: 4.740 ug/l
RT: 12.758 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013259.D
Acq: 12 Apr 2023 10:36

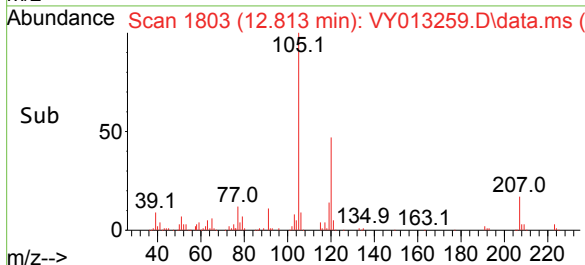
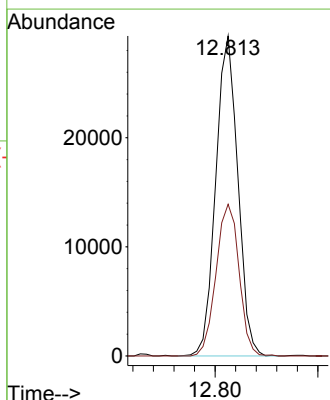
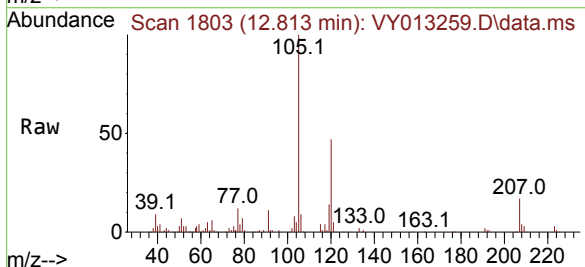
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

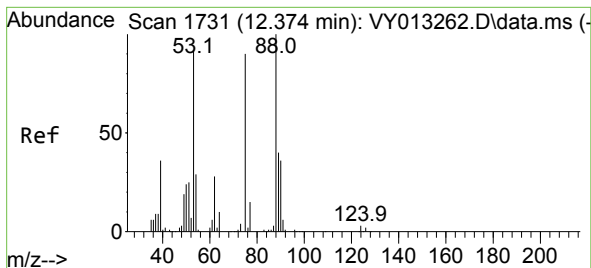
Tgt Ion: 91 Resp: 37110
Ion Ratio Lower Upper
91 100
126 34.8 17.4 52.2



#80
1,3,5-Trimethylbenzene
Concen: 4.620 ug/l
RT: 12.813 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY013259.D
Acq: 12 Apr 2023 10:36

Tgt Ion: 105 Resp: 43582
Ion Ratio Lower Upper
105 100
120 49.4 24.8 74.4

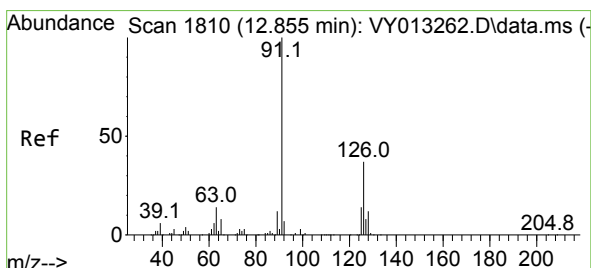
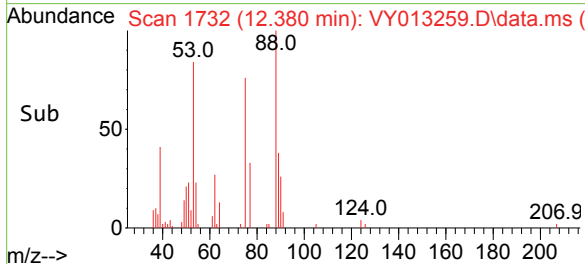
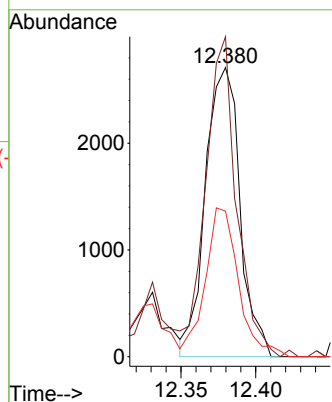
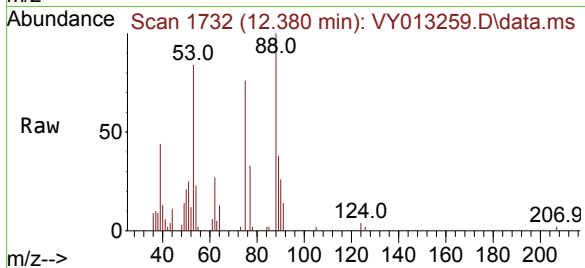




#81
trans-1,4-Dichloro-2-butene
Concen: 4.405 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.006 min
Lab File: VY013259.D
Acq: 12 Apr 2023 10:36

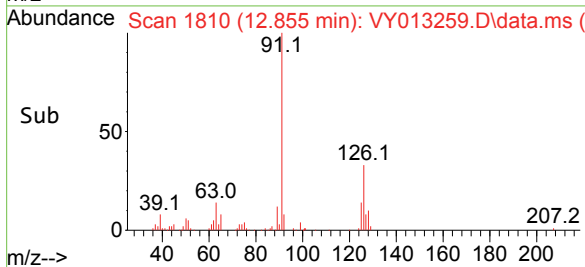
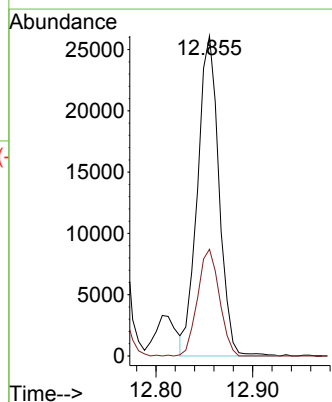
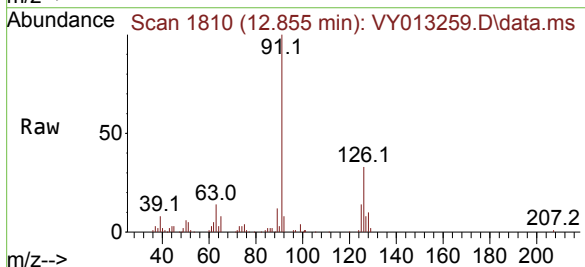
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

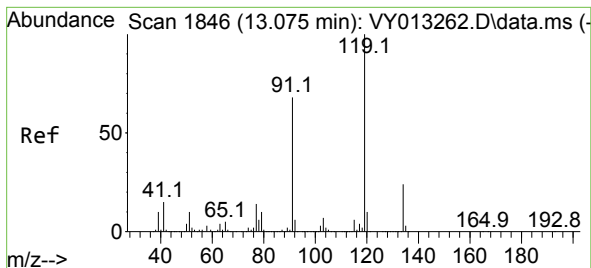
Tgt Ion: 75 Resp: 4342
Ion Ratio Lower Upper
75 100
53 99.4 73.4 110.0
89 49.6 36.6 55.0



#82
4-Chlorotoluene
Concen: 4.877 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY013259.D
Acq: 12 Apr 2023 10:36

Tgt Ion: 91 Resp: 40254
Ion Ratio Lower Upper
91 100
126 33.9 17.7 53.1





#83

tert-Butylbenzene

Concen: 4.563 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. 0.000 min

Lab File: VY013259.D

Acq: 12 Apr 2023 10:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

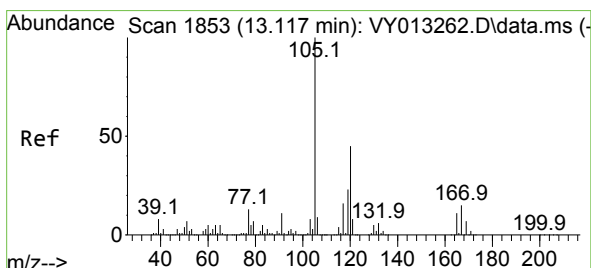
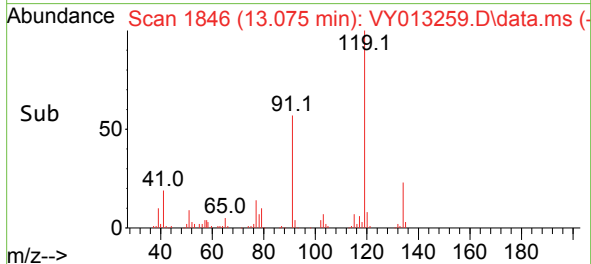
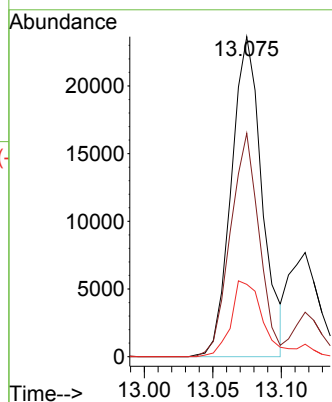
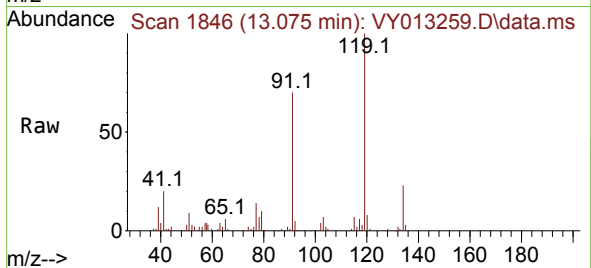
Tgt Ion:119 Resp: 36932

Ion Ratio Lower Upper

119 100

91 65.4 32.8 98.3

134 24.7 13.6 40.8



#84

1,2,4-Trimethylbenzene

Concen: 4.421 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY013259.D

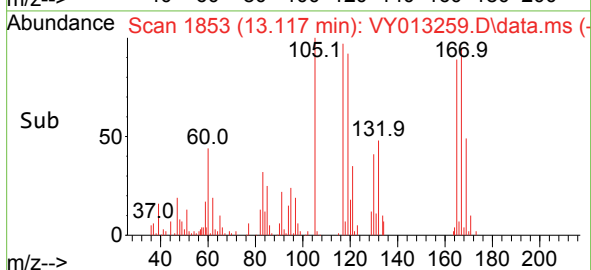
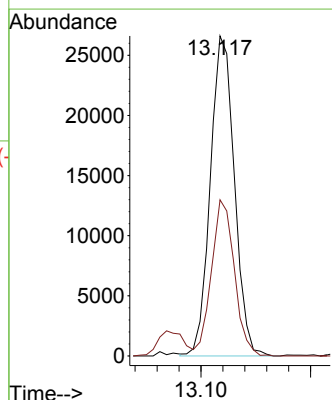
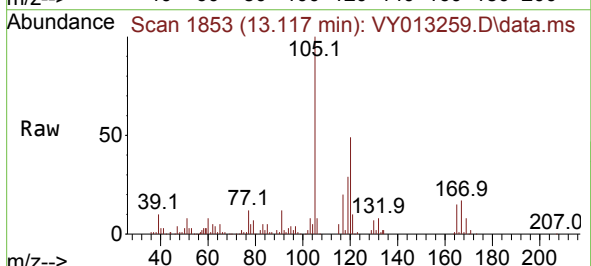
Acq: 12 Apr 2023 10:36

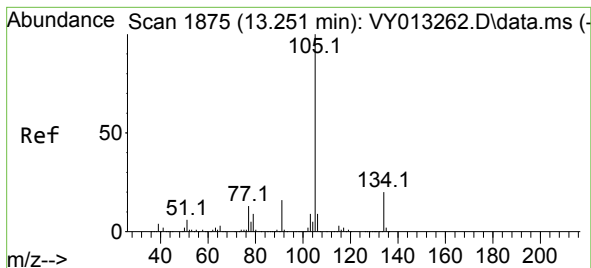
Tgt Ion:105 Resp: 40585

Ion Ratio Lower Upper

105 100

120 46.5 23.0 69.0





#85

sec-Butylbenzene

Concen: 4.693 ug/l

RT: 13.252 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY013259.D

Acq: 12 Apr 2023 10:36

Instrument :

MSVOA_Y

ClientSampleId :

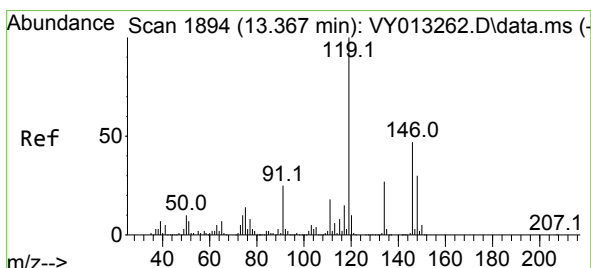
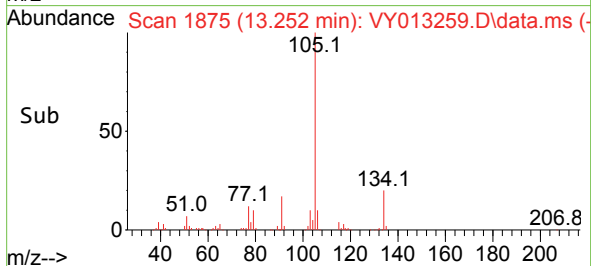
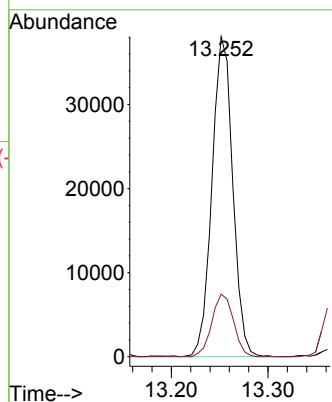
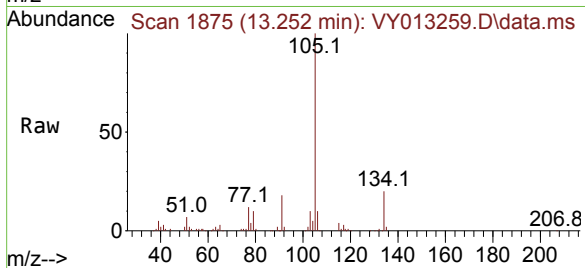
VSTDIC005

Tgt Ion:105 Resp: 56811

Ion Ratio Lower Upper

105 100

134 20.3 10.4 31.1



#86

p-Isopropyltoluene

Concen: 4.504 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY013259.D

Acq: 12 Apr 2023 10:36

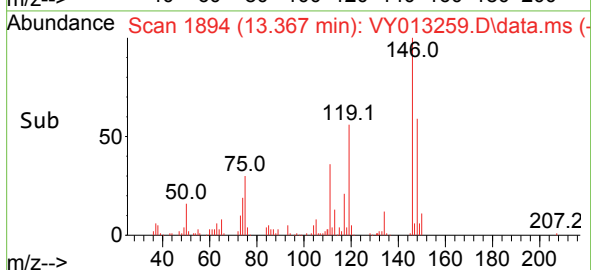
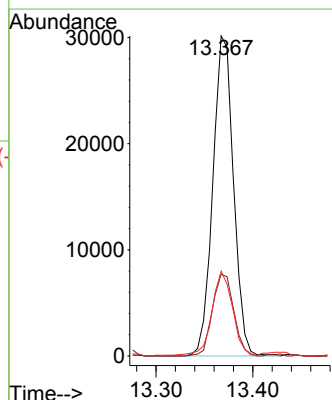
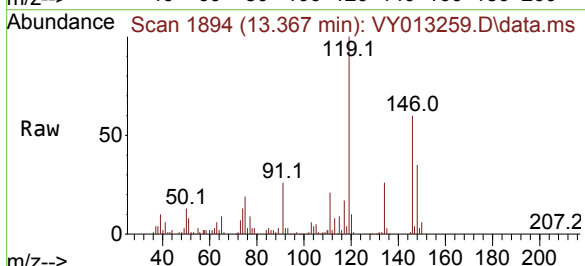
Tgt Ion:119 Resp: 44741

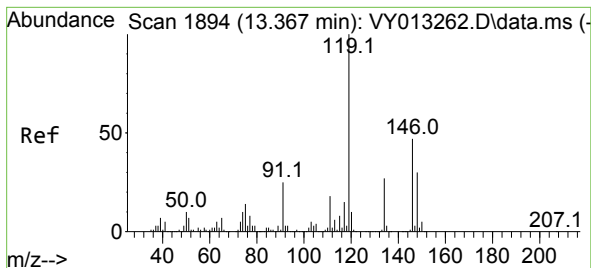
Ion Ratio Lower Upper

119 100

134 26.4 13.2 39.6

91 26.7 11.8 35.3





#87

1,3-Dichlorobenzene

Concen: 5.087 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY013259.D

Acq: 12 Apr 2023 10:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

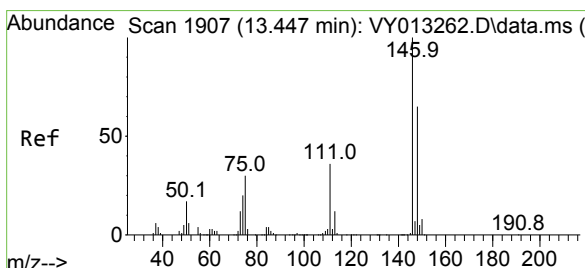
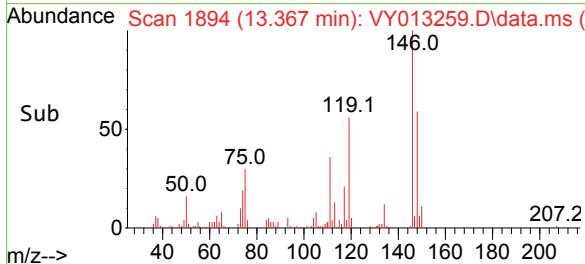
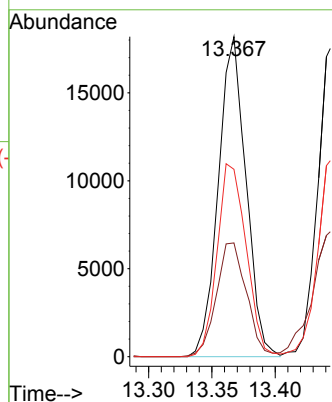
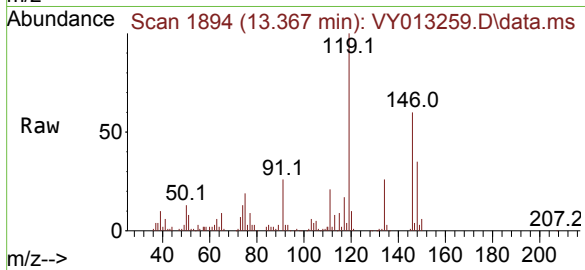
Tgt Ion:146 Resp: 27618

Ion Ratio Lower Upper

146 100

111 38.8 19.1 57.5

148 63.5 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 5.234 ug/l

RT: 13.447 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY013259.D

Acq: 12 Apr 2023 10:36

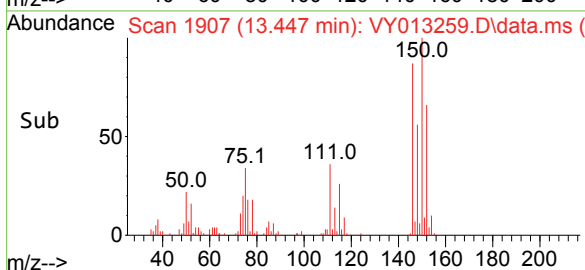
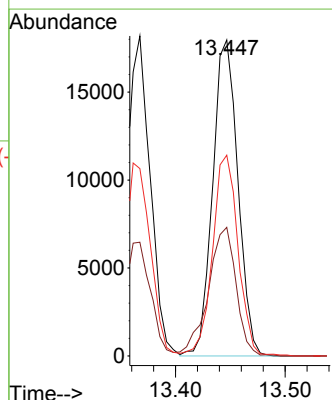
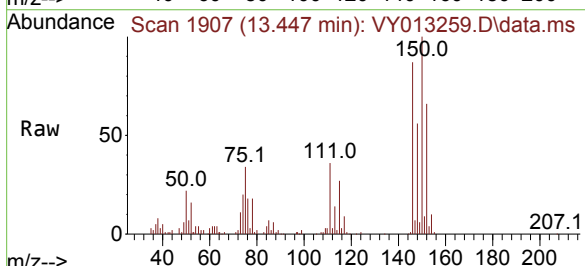
Tgt Ion:146 Resp: 28716

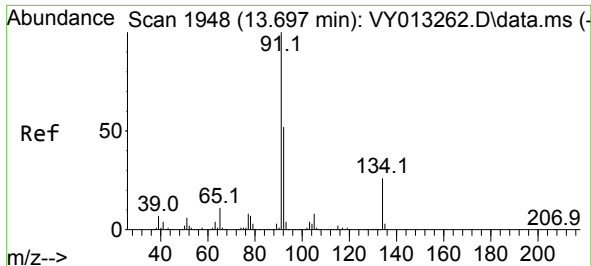
Ion Ratio Lower Upper

146 100

111 45.3 18.6 55.8

148 64.5 31.5 94.5

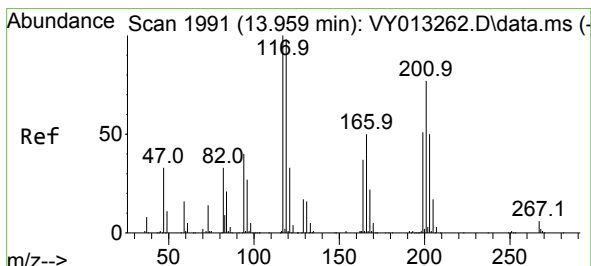
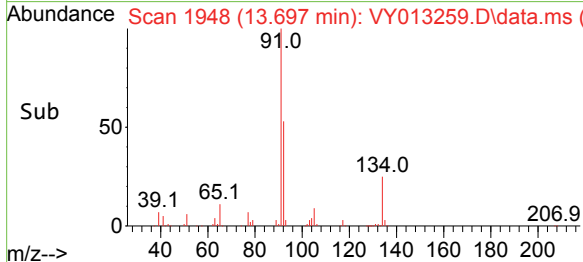
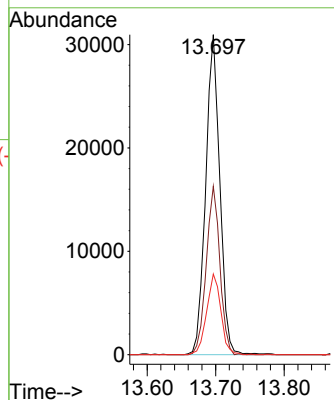
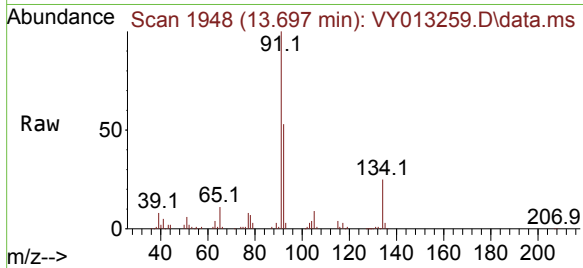




#89
n-Butylbenzene
Concen: 4.692 ug/l
RT: 13.697 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY013259.D
Acq: 12 Apr 2023 10:36

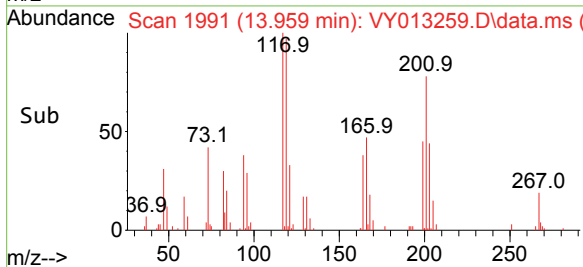
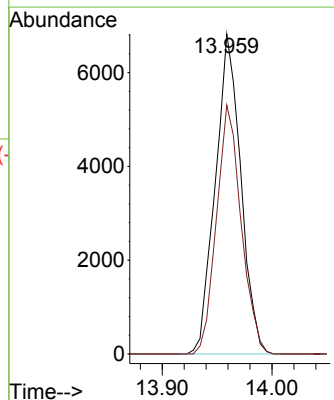
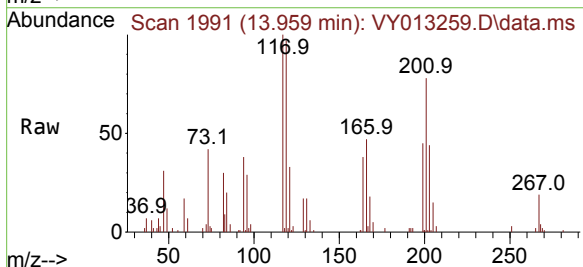
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

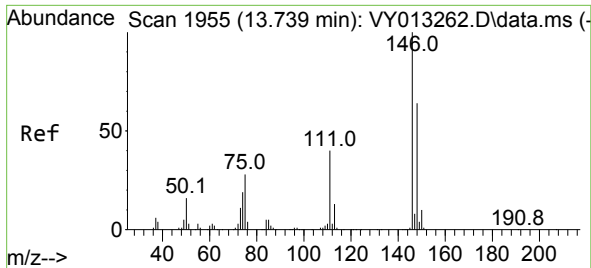
Tgt Ion: 91 Resp: 44576
Ion Ratio Lower Upper
91 100
92 50.7 26.4 79.0
134 25.2 13.0 38.9



#90
Hexachloroethane
Concen: 5.318 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. 0.000 min
Lab File: VY013259.D
Acq: 12 Apr 2023 10:36

Tgt Ion: 117 Resp: 11015
Ion Ratio Lower Upper
117 100
201 75.4 39.4 118.1





#91

1,2-Dichlorobenzene

Concen: 5.110 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY013259.D

Acq: 12 Apr 2023 10:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

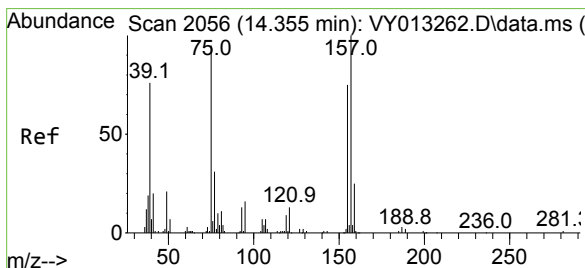
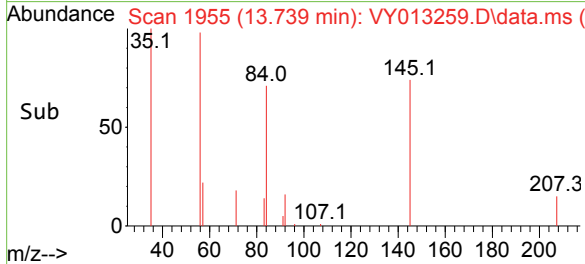
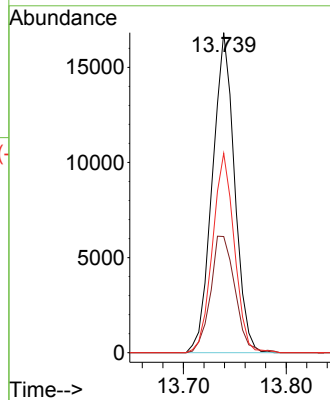
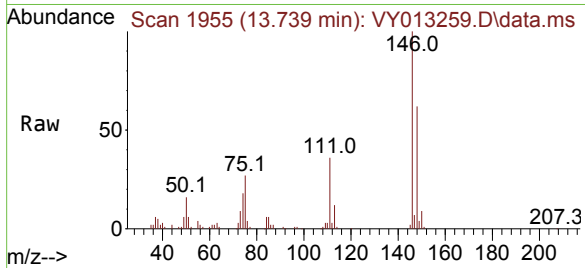
Tgt Ion:146 Resp: 25244

Ion Ratio Lower Upper

146 100

111 40.2 19.7 59.1

148 61.2 31.9 95.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 4.901 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. 0.000 min

Lab File: VY013259.D

Acq: 12 Apr 2023 10:36

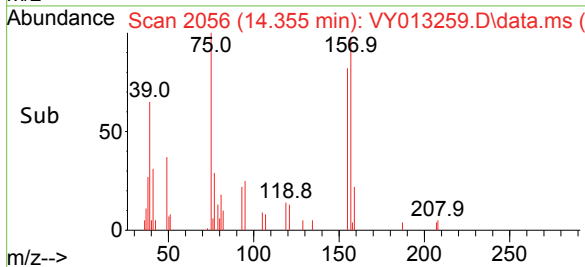
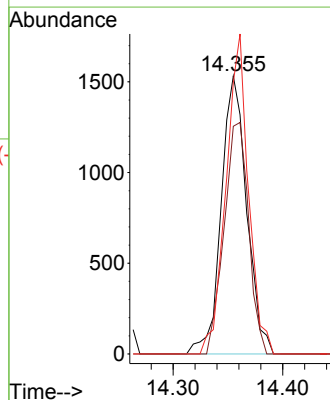
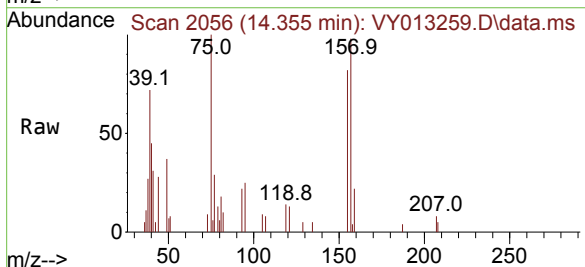
Tgt Ion: 75 Resp: 2476

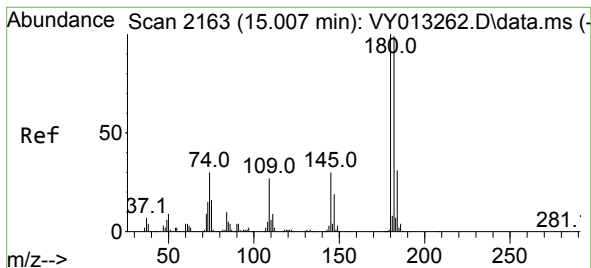
Ion Ratio Lower Upper

75 100

155 79.9 43.8 131.4

157 101.1 54.1 162.3





#93

1,2,4-Trichlorobenzene

Concen: 4.543 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY013259.D

Acq: 12 Apr 2023 10:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

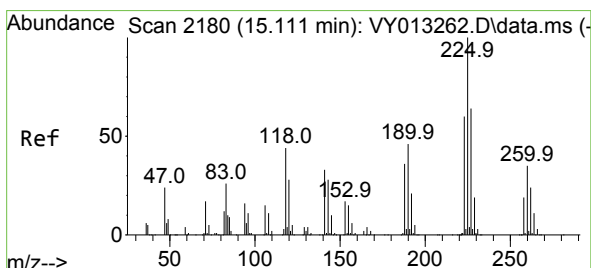
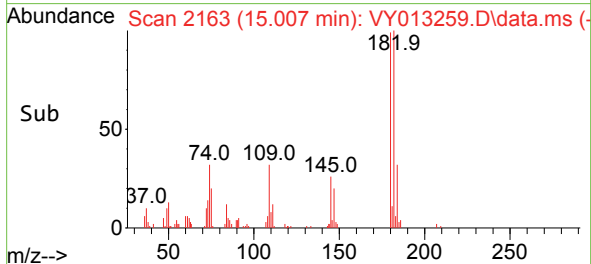
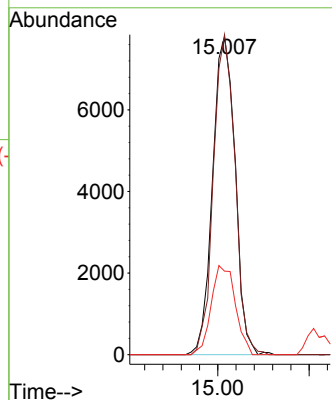
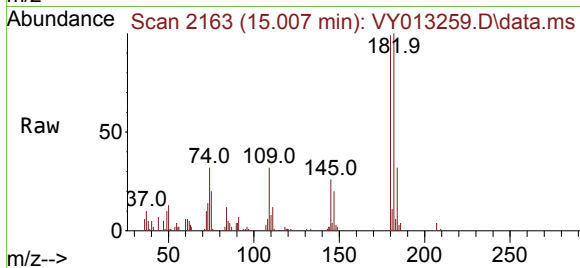
Tgt Ion:180 Resp: 13338

Ion Ratio Lower Upper

180 100

182 96.4 46.7 140.1

145 30.0 14.6 43.8



#94

Hexachlorobutadiene

Concen: 5.178 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY013259.D

Acq: 12 Apr 2023 10:36

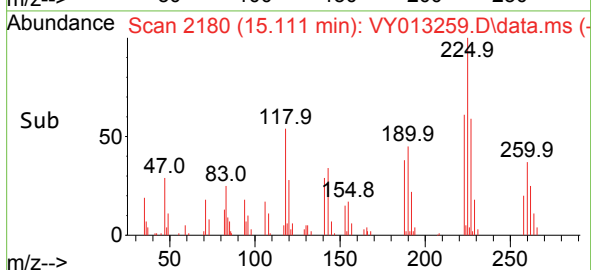
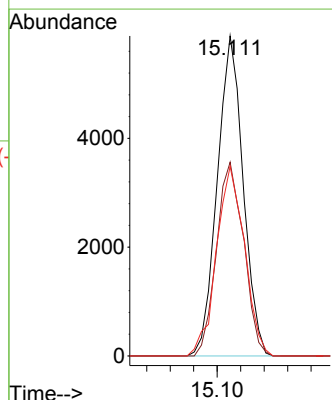
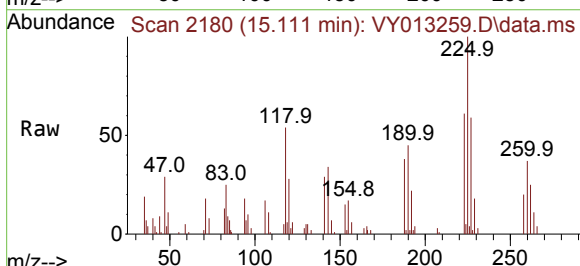
Tgt Ion:225 Resp: 9002

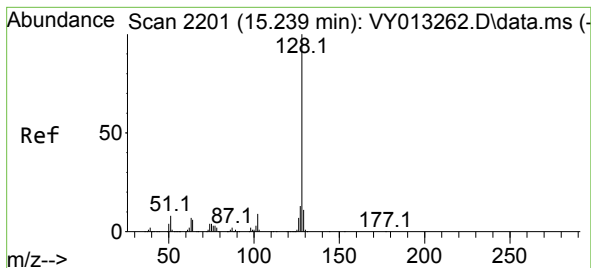
Ion Ratio Lower Upper

225 100

223 63.3 31.1 93.3

227 64.3 32.4 97.0





#95

Naphthalene

Concen: 3.893 ug/l

RT: 15.239 min Scan# 2201

Delta R.T. 0.000 min

Lab File: VY013259.D

Acq: 12 Apr 2023 10:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

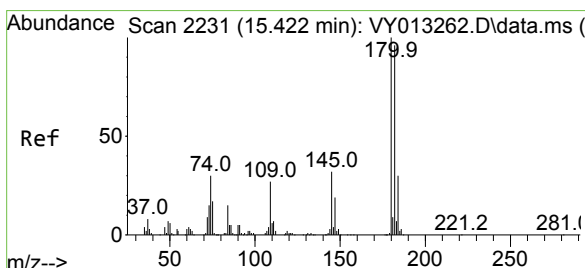
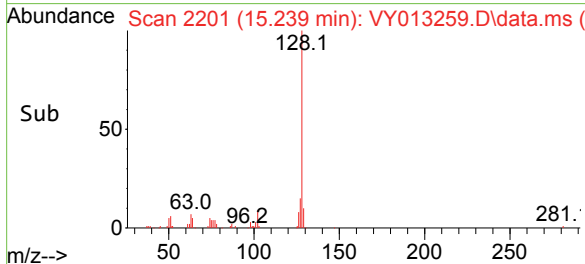
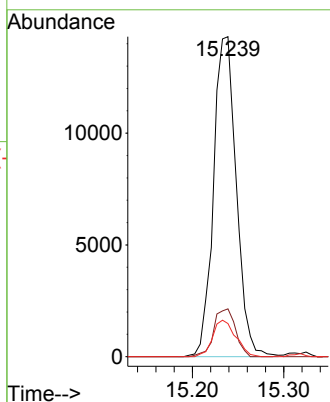
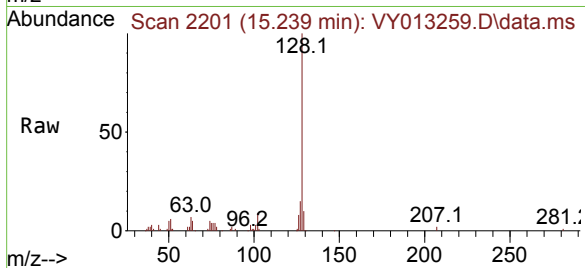
Tgt Ion:128 Resp: 24901

Ion Ratio Lower Upper

128 100

127 14.2 10.3 15.5

129 11.5 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 4.748 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY013259.D

Acq: 12 Apr 2023 10:36

Tgt Ion:180 Resp: 12700

Ion Ratio Lower Upper

180 100

182 92.1 47.4 142.3

145 31.9 15.3 45.8

