

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102023\
 Data File : VY016054.D
 Acq On : 20 Oct 2023 09:20
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 20 23:02:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 19 03:15:44 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	190900	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	300079	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	263851	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	128422	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	89426	41.216	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	82.440%
35) Dibromofluoromethane	7.721	113	86813	43.952	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	87.900%
50) Toluene-d8	10.178	98	322062	44.896	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	89.800%
62) 4-Bromofluorobenzene	12.483	95	111193	43.442	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	86.880%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.905	85	79861	50.616	ug/l	96
3) Chloromethane	2.113	50	96779	48.579	ug/l	100
4) Vinyl Chloride	2.253	62	106597	47.676	ug/l	100
5) Bromomethane	2.655	94	78470	48.113	ug/l	99
6) Chloroethane	2.796	64	75245	52.336	ug/l	97
7) Trichlorofluoromethane	3.131	101	167802	49.316	ug/l	99
8) Diethyl Ether	3.533	74	58750	48.872	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.899	101	97607	49.868	ug/l	96
10) Methyl Iodide	4.094	142	123655	48.382	ug/l	98
11) Tert butyl alcohol	4.990	59	100994	301.537	ug/l	99
12) 1,1-Dichloroethene	3.875	96	92116	50.298	ug/l	92
13) Acrolein	3.734	56	54382	230.790	ug/l	99
14) Allyl chloride	4.484	41	140975	49.229	ug/l	95
15) Acrylonitrile	5.167	53	162251	226.239	ug/l	99
16) Acetone	3.954	43	207335	257.788	ug/l	93
17) Carbon Disulfide	4.198	76	264349	49.271	ug/l	99
18) Methyl Acetate	4.484	43	137018	49.497	ug/l	91
19) Methyl tert-butyl Ether	5.228	73	290823	49.224	ug/l	99
20) Methylene Chloride	4.716	84	105532	44.168	ug/l	90
21) trans-1,2-Dichloroethene	5.222	96	106684	50.023	ug/l	95
22) Diisopropyl ether	6.118	45	309441	49.625	ug/l	93
23) Vinyl Acetate	6.057	43	881265	227.836	ug/l #	94
24) 1,1-Dichloroethane	6.014	63	183706	49.660	ug/l	97
25) 2-Butanone	6.990	43	298802	271.230	ug/l	94
26) 2,2-Dichloropropane	6.978	77	156119	46.906	ug/l	97
27) cis-1,2-Dichloroethene	6.984	96	120501	49.061	ug/l	92
28) Bromochloromethane	7.331	49	72320	45.712	ug/l	89
29) Tetrahydrofuran	7.350	42	182356	273.466	ug/l	90
30) Chloroform	7.508	83	192533	48.541	ug/l	96
31) Cyclohexane	7.789	56	160453	47.248	ug/l	91
32) 1,1,1-Trichloroethane	7.703	97	176565	49.752	ug/l	98
36) 1,1-Dichloropropene	7.917	75	150004	50.479	ug/l	99
37) Ethyl Acetate	7.075	43	113456	52.967	ug/l #	95
38) Carbon Tetrachloride	7.898	117	161324	51.078	ug/l	98
39) Methylcyclohexane	9.185	83	183346	49.370	ug/l	92
40) Benzene	8.160	78	419984	50.146	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.350	41	154316	138.875	ug/l #	38
42) 1,2-Dichloroethane	8.234	62	125663	46.579	ug/l	94
43) Isopropyl Acetate	8.270	43	194444	51.921	ug/l	96
44) Trichloroethene	8.941	130	126654	53.934	ug/l	100
45) 1,2-Dichloropropane	9.215	63	101830	48.583	ug/l	95
46) Dibromomethane	9.307	93	63870	45.900	ug/l	98
47) Bromodichloromethane	9.496	83	149235	48.933	ug/l	99
48) Methyl methacrylate	9.294	41	85267	50.019	ug/l	89
49) 1,4-Dioxane	9.313	88	24436	1102.837	ug/l #	53
51) 4-Methyl-2-Pentanone	10.069	43	592580	275.158	ug/l	92
52) Toluene	10.245	92	268741	49.471	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	155168	46.967	ug/l	98
54) cis-1,3-Dichloropropene	9.928	75	171879	47.726	ug/l	90
55) 1,1,2-Trichloroethane	10.642	97	90939	47.570	ug/l	95
56) Ethyl methacrylate	10.508	69	140276	50.210	ug/l #	87
57) 1,3-Dichloropropane	10.788	76	152792	47.113	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	303937	226.492	ug/l	93
59) 2-Hexanone	10.831	43	478226	291.867	ug/l	89
60) Dibromochloromethane	10.983	129	110414	47.758	ug/l	99
61) 1,2-Dibromoethane	11.087	107	88985	45.738	ug/l	100
64) Tetrachloroethene	10.721	164	121552	59.411	ug/l	97
65) Chlorobenzene	11.514	112	286794	50.190	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	108491	50.372	ug/l	99
67) Ethyl Benzene	11.593	91	517113	51.141	ug/l	99
68) m/p-Xylenes	11.702	106	404225	102.519	ug/l	94
69) o-Xylene	12.032	106	188973	50.379	ug/l	98
70) Styrene	12.044	104	323555	50.610	ug/l	96
71) Bromoform	12.209	173	75447	49.783	ug/l #	98
73) Isopropylbenzene	12.330	105	506442	52.719	ug/l	99
74) N-amyl acetate	12.141	43	166233	54.786	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.580	83	113270	47.077	ug/l	98
76) 1,2,3-Trichloropropane	12.635	75	154830	85.150	ug/l #	100
77) Bromobenzene	12.611	156	117476	50.383	ug/l	99
78) n-propylbenzene	12.672	91	611366	52.837	ug/l	99
79) 2-Chlorotoluene	12.757	91	337214	51.922	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	418141	52.550	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.379	75	41079	49.315	ug/l	94
82) 4-Chlorotoluene	12.855	91	345687	51.000	ug/l	98
83) tert-Butylbenzene	13.074	119	366424	52.517	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	409382	51.811	ug/l	97
85) sec-Butylbenzene	13.251	105	549124	52.696	ug/l	100
86) p-Isopropyltoluene	13.373	119	456447	52.415	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	230597	50.829	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	227510	49.808	ug/l	100
89) n-Butylbenzene	13.696	91	417050	51.444	ug/l	96
90) Hexachloroethane	13.964	117	84395	50.839	ug/l	94
91) 1,2-Dichlorobenzene	13.739	146	205404	49.313	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.354	75	22659	49.474	ug/l	88
93) 1,2,4-Trichlorobenzene	15.007	180	121894	45.937	ug/l	98
94) Hexachlorobutadiene	15.117	225	66832	46.371	ug/l	99
95) Naphthalene	15.238	128	302086	46.384	ug/l	99
96) 1,2,3-Trichlorobenzene	15.427	180	107604	44.396	ug/l	99

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QLast Update : Thu Oct 19 03:15:44 2023
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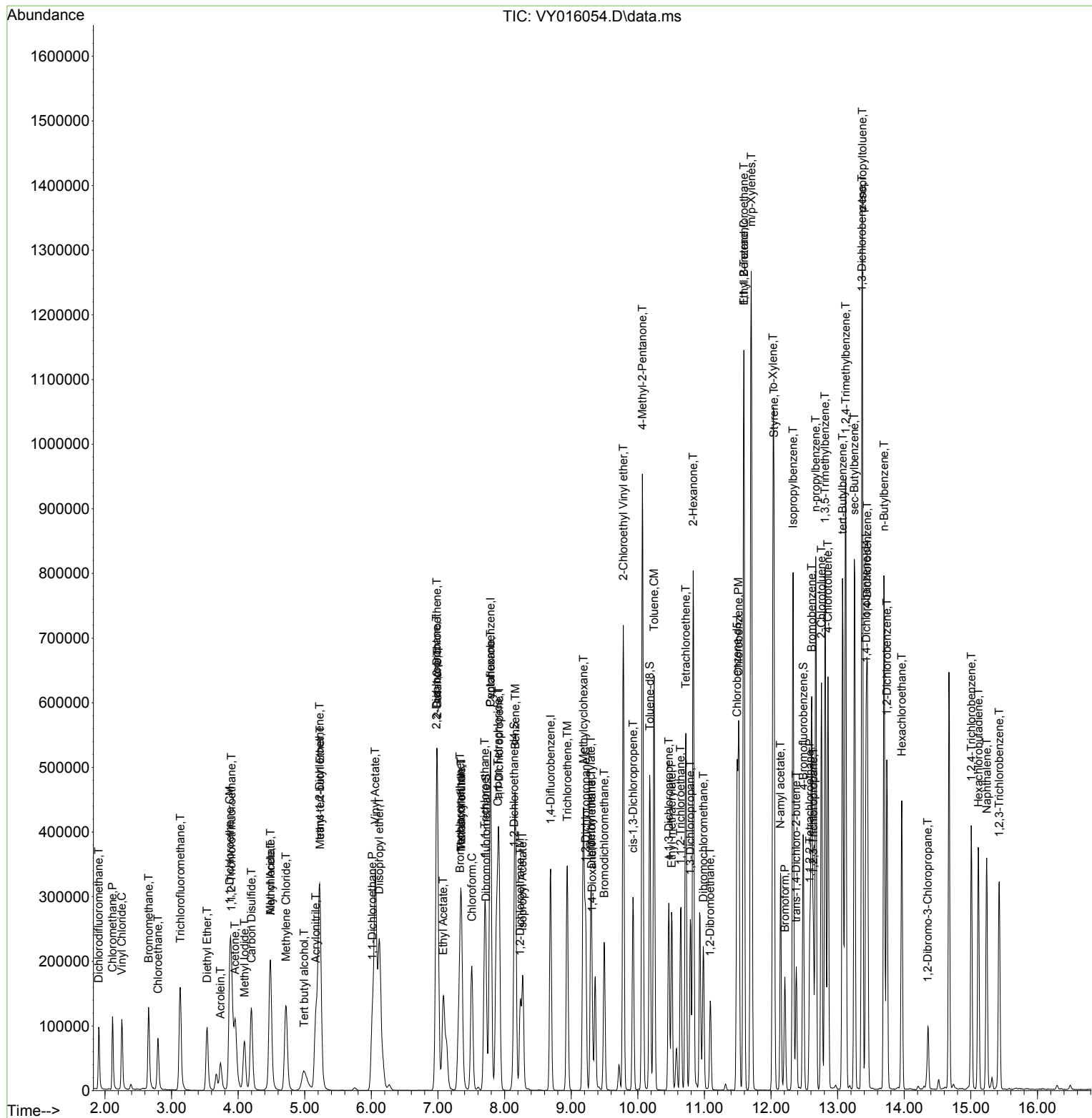
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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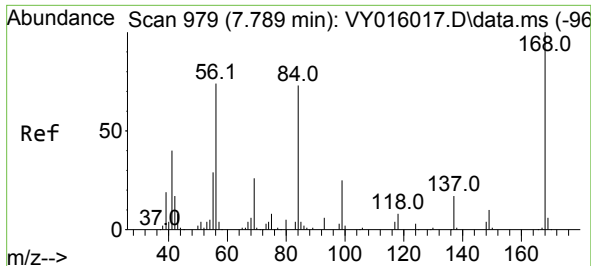
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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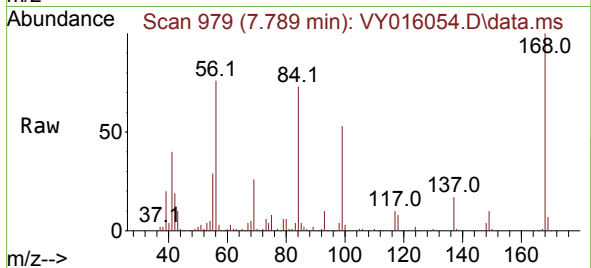
Quant Time: Oct 20 23:02:53 2023
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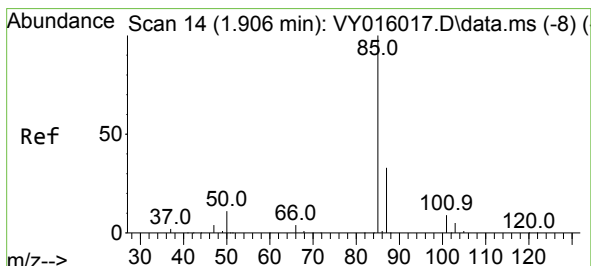
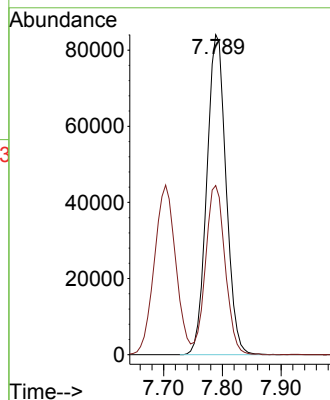
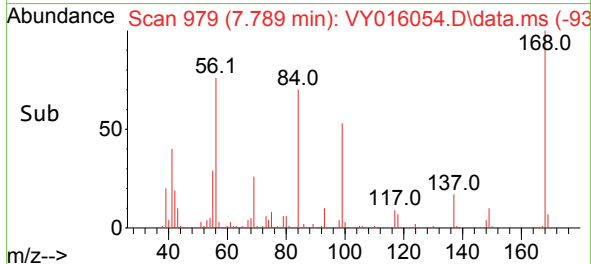


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
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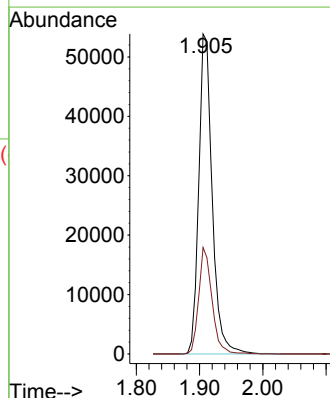
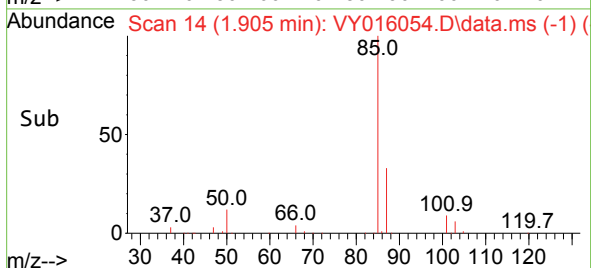
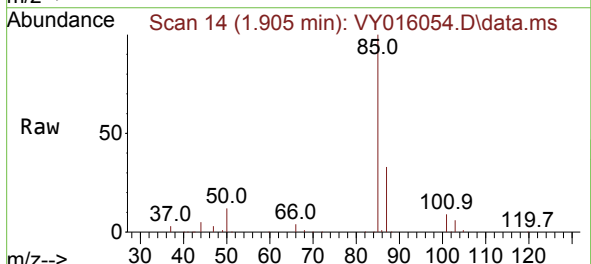


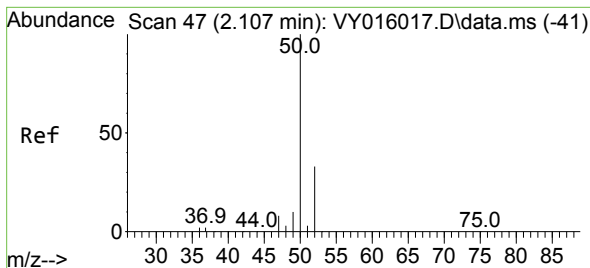
Tgt Ion:168 Resp: 190900
Ion Ratio Lower Upper
168 100
99 52.9 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 50.616 ug/l
RT: 1.905 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY016054.D
Acq: 20 Oct 2023 09:20

Tgt Ion: 85 Resp: 79861
Ion Ratio Lower Upper
85 100
87 33.2 15.6 46.8





#3

Chloromethane

Concen: 48.579 ug/l

RT: 2.113 min Scan# 41

Delta R.T. 0.006 min

Lab File: VY016054.D

Acq: 20 Oct 2023 09:20

Instrument :

MSVOA_Y

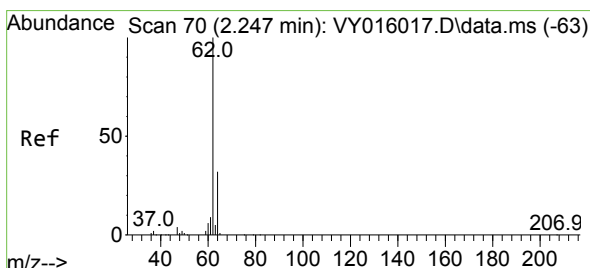
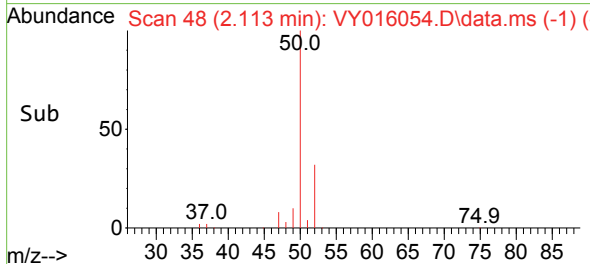
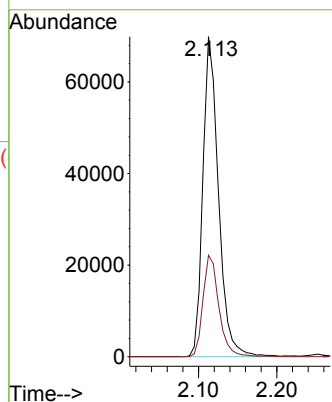
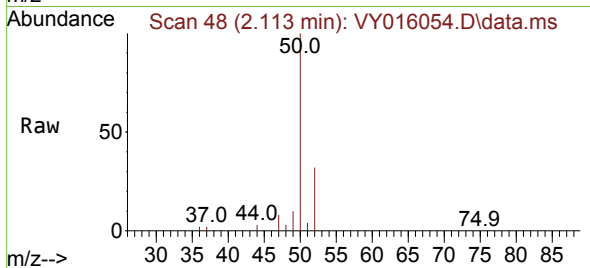
ClientSampleId :

Tgt Ion: 50 Resp: 96779

Ion Ratio Lower Upper

50 100

52 31.7 25.4 38.2



#4

Vinyl Chloride

Concen: 47.676 ug/l

RT: 2.253 min Scan# 71

Delta R.T. 0.006 min

Lab File: VY016054.D

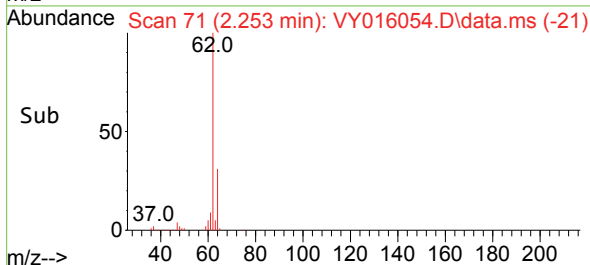
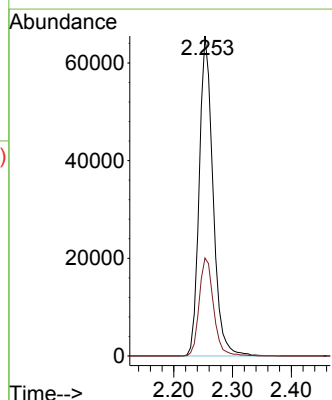
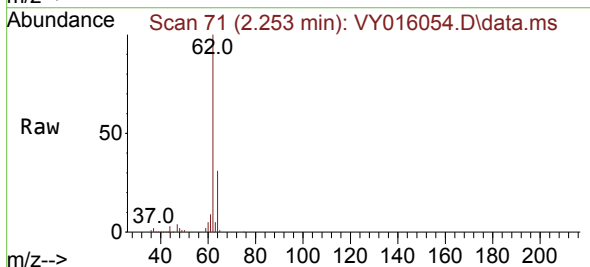
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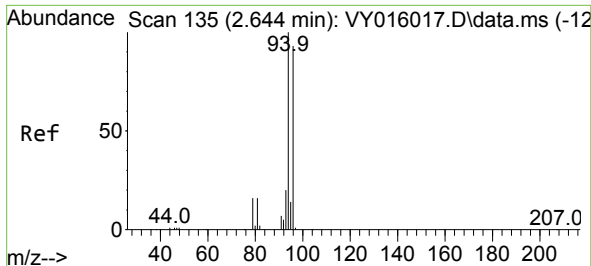
Tgt Ion: 62 Resp: 106597

Ion Ratio Lower Upper

62 100

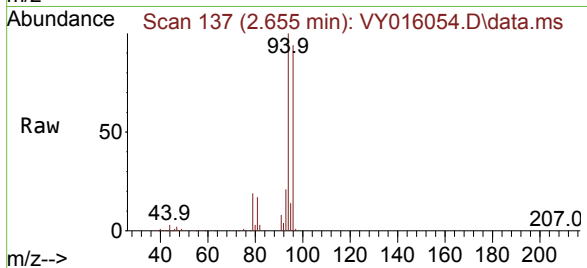
64 30.6 24.3 36.5



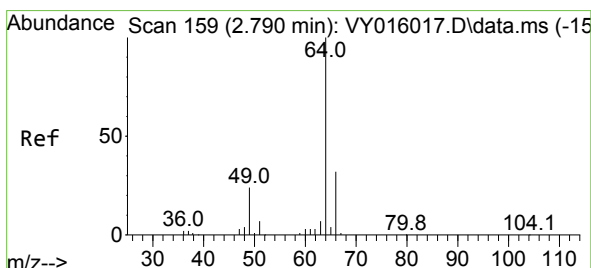
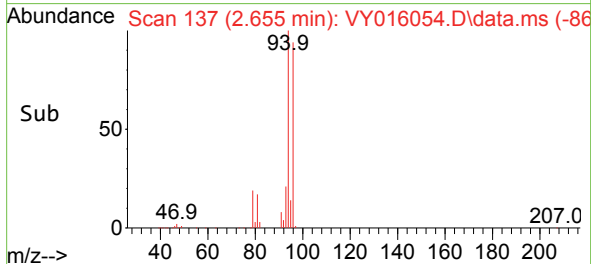
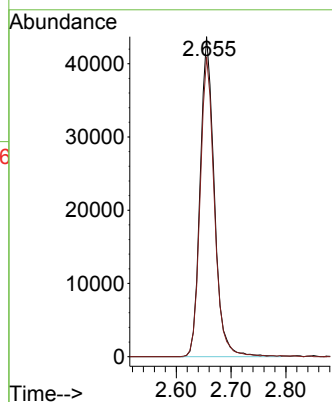


#5
Bromomethane
Concen: 48.113 ug/l
RT: 2.655 min Scan# 11
Delta R.T. 0.011 min
Lab File: VY016054.D
Acq: 20 Oct 2023 09:20

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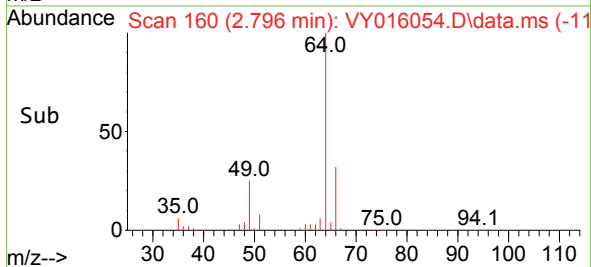
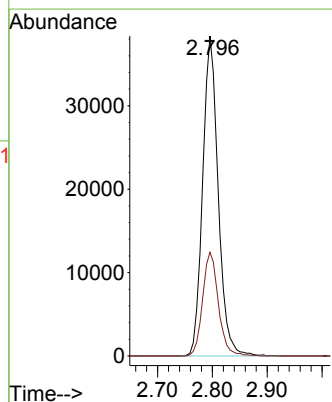
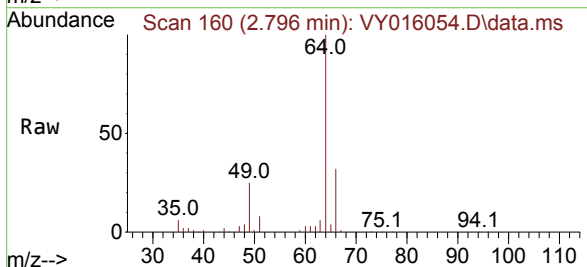


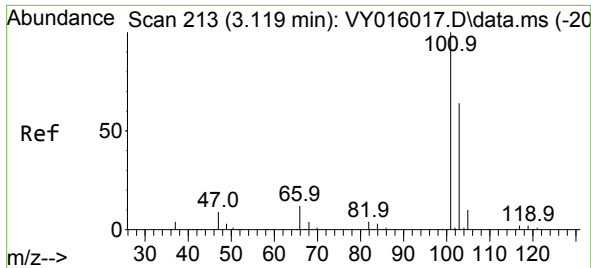
Tgt Ion: 94 Resp: 78470
Ion Ratio Lower Upper
94 100
96 93.7 75.8 113.6



#6
Chloroethane
Concen: 52.336 ug/l
RT: 2.796 min Scan# 160
Delta R.T. 0.006 min
Lab File: VY016054.D
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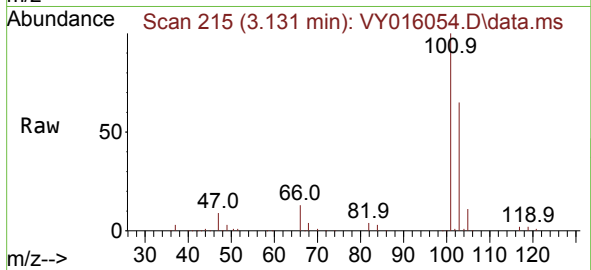
Tgt Ion: 64 Resp: 75245
Ion Ratio Lower Upper
64 100
66 32.4 24.4 36.6



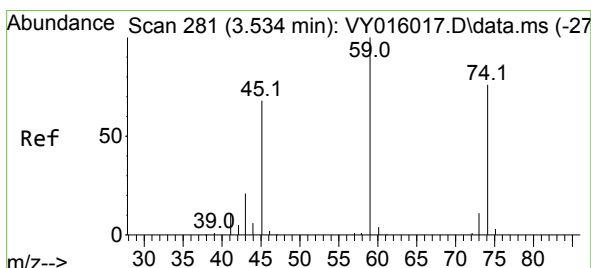
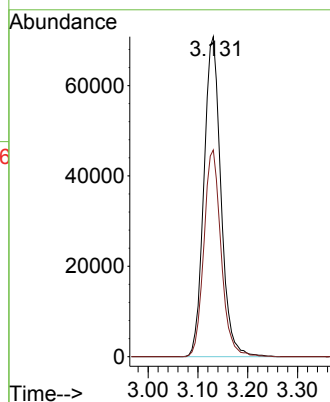
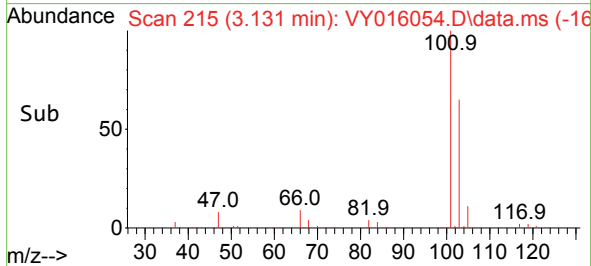


#7
 Trichlorofluoromethane
 Concen: 49.316 ug/l
 RT: 3.131 min Scan# 213
 Delta R.T. 0.012 min
 Lab File: VY016054.D
 Acq: 20 Oct 2023 09:20

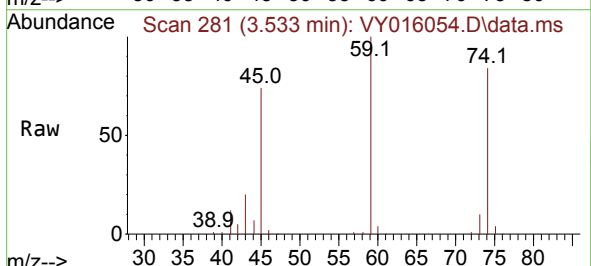
Instrument :
 MSVOA_Y
 ClientSampleId :



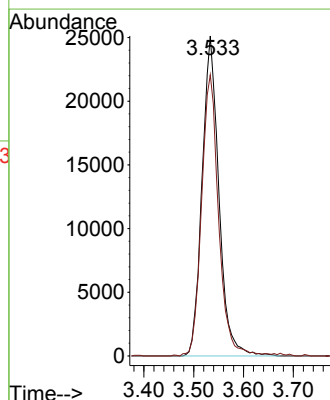
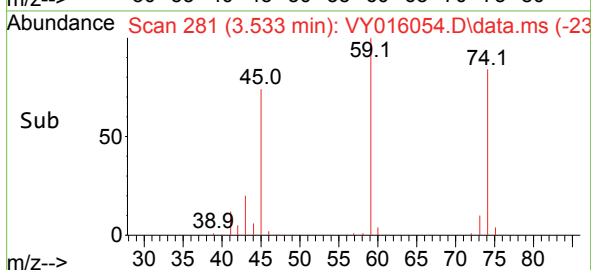
Tgt Ion:101 Resp: 167802
 Ion Ratio Lower Upper
 101 100
 103 64.6 51.4 77.0

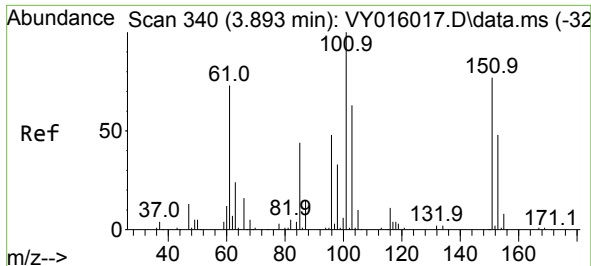


#8
 Diethyl Ether
 Concen: 48.872 ug/l
 RT: 3.533 min Scan# 281
 Delta R.T. -0.000 min
 Lab File: VY016054.D
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Tgt Ion: 74 Resp: 58750
 Ion Ratio Lower Upper
 74 100
 45 88.9 51.5 154.5

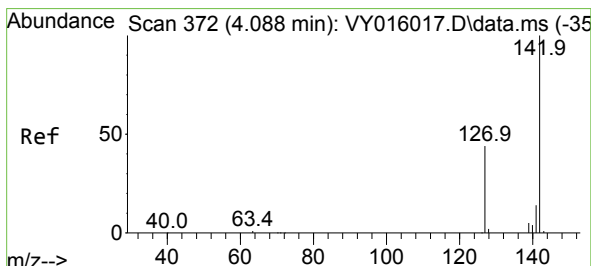
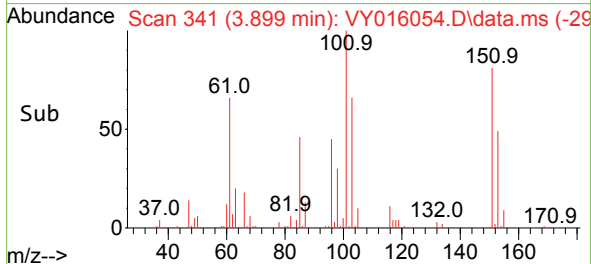
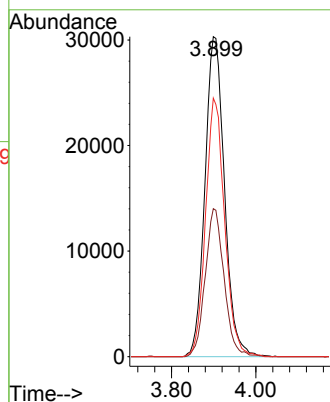
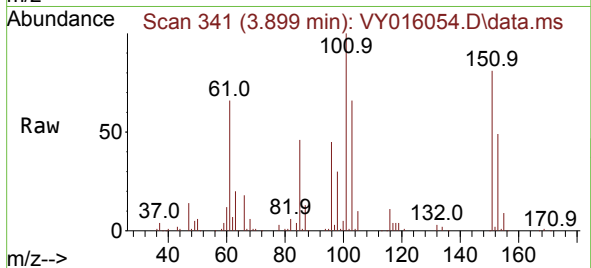




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.868 ug/l
RT: 3.899 min Scan# 341
Delta R.T. 0.006 min
Lab File: VY016054.D
Acq: 20 Oct 2023 09:20

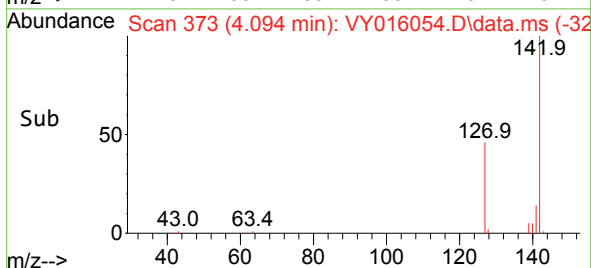
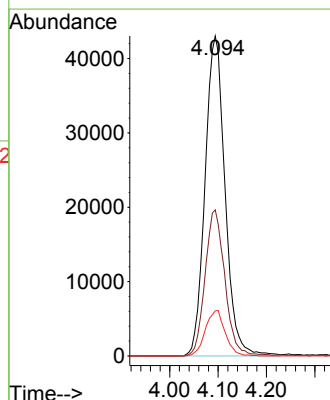
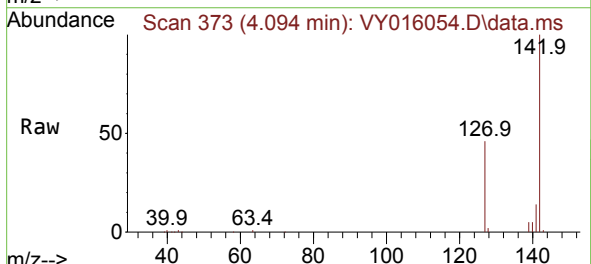
Instrument :
MSVOA_Y
ClientSampleId :

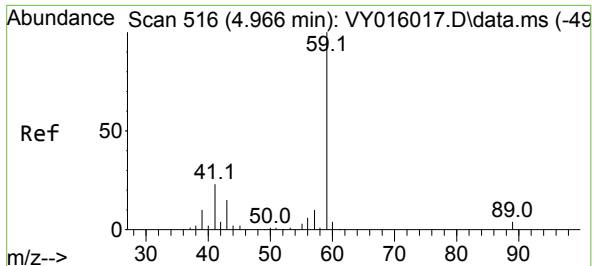
Tgt Ion:101 Resp: 97607
Ion Ratio Lower Upper
101 100
85 44.8 36.6 55.0
151 78.8 67.0 100.6



#10
Methyl Iodide
Concen: 48.382 ug/l
RT: 4.094 min Scan# 373
Delta R.T. 0.006 min
Lab File: VY016054.D
Acq: 20 Oct 2023 09:20

Tgt Ion:142 Resp: 123655
Ion Ratio Lower Upper
142 100
127 45.2 37.6 56.4
141 14.1 11.8 17.8

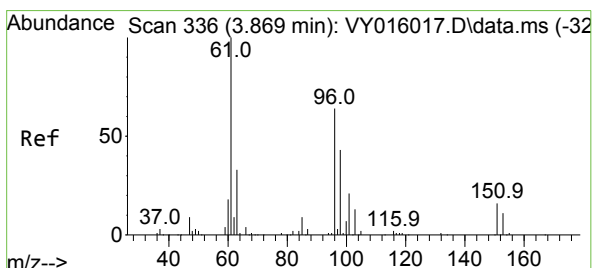
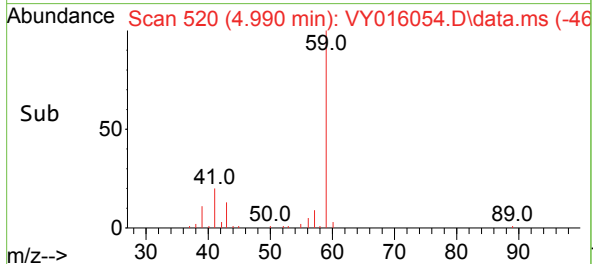
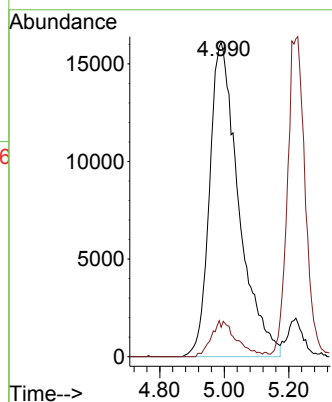
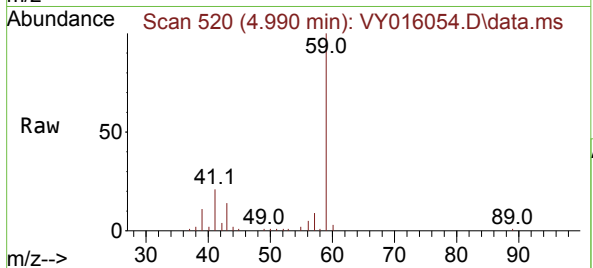




#11
Tert butyl alcohol
Concen: 301.537 ug/l
RT: 4.990 min Scan# 516
Delta R.T. 0.024 min
Lab File: VY016054.D
Acq: 20 Oct 2023 09:20

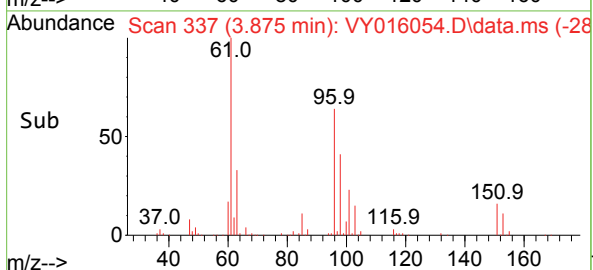
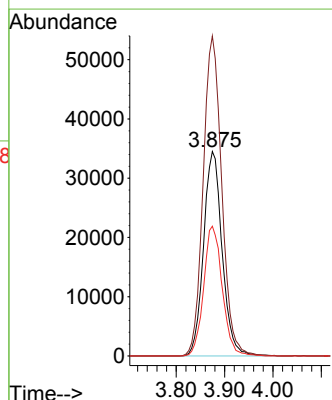
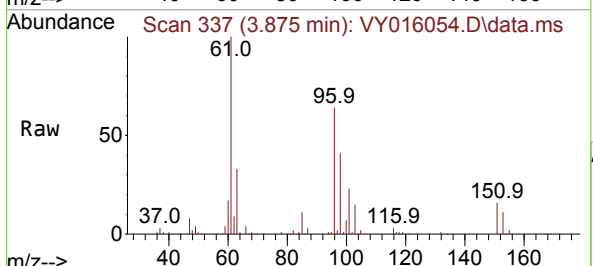
Instrument :
MSVOA_Y
ClientSampleId :

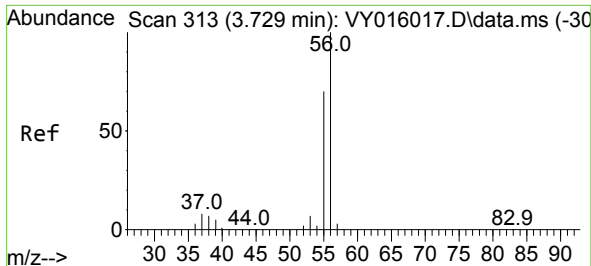
Tgt Ion: 59 Resp: 100994
Ion Ratio Lower Upper
59 100
57 4.1 3.0 4.4



#12
1,1-Dichloroethene
Concen: 50.298 ug/l
RT: 3.875 min Scan# 337
Delta R.T. 0.006 min
Lab File: VY016054.D
Acq: 20 Oct 2023 09:20

Tgt Ion: 96 Resp: 92116
Ion Ratio Lower Upper
96 100
61 156.5 136.4 204.6
98 63.4 49.4 74.2

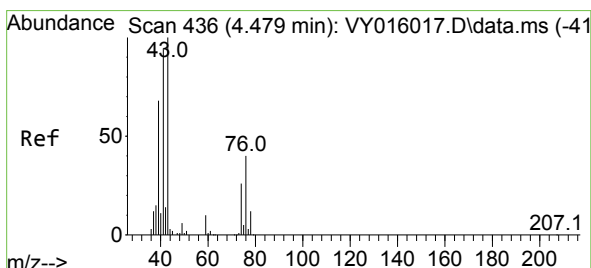
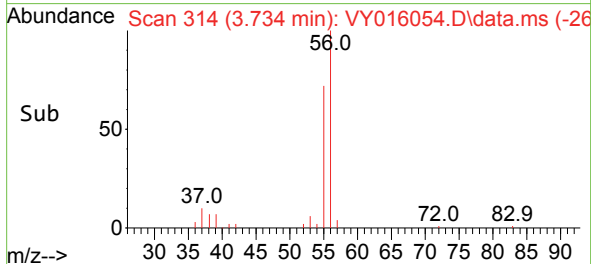
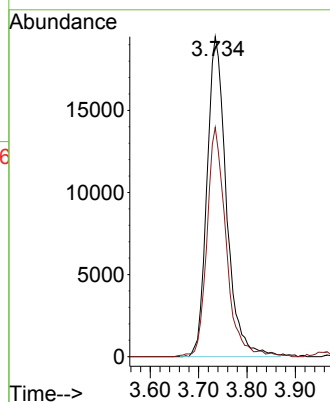
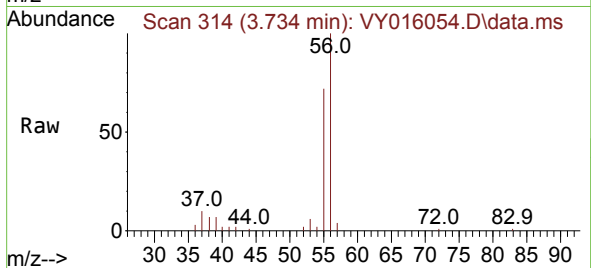




#13
Acrolein
Concen: 230.790 ug/l
RT: 3.734 min Scan# 313
Delta R.T. 0.005 min
Lab File: VY016054.D
Acq: 20 Oct 2023 09:20

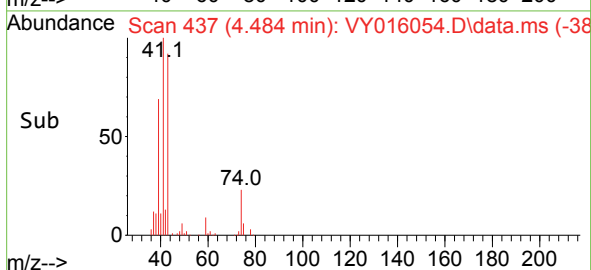
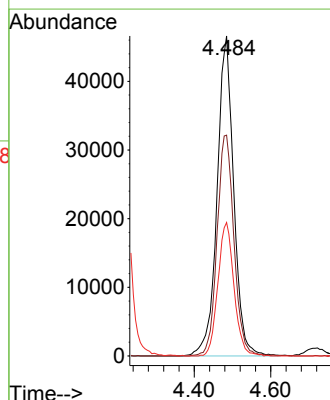
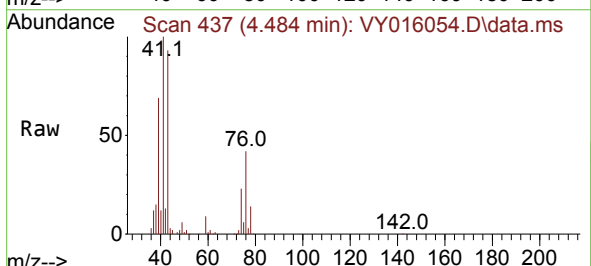
Instrument :
MSVOA_Y
ClientSampleId :

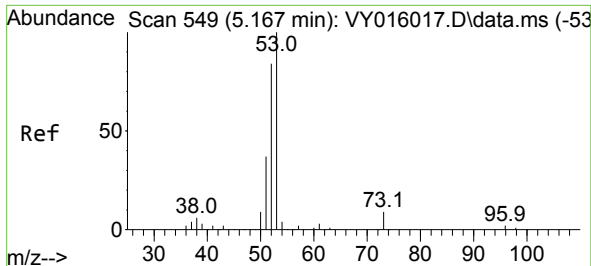
Tgt Ion: 56 Resp: 54382
Ion Ratio Lower Upper
56 100
55 70.1 57.0 85.4



#14
Allyl chloride
Concen: 49.229 ug/l
RT: 4.484 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY016054.D
Acq: 20 Oct 2023 09:20

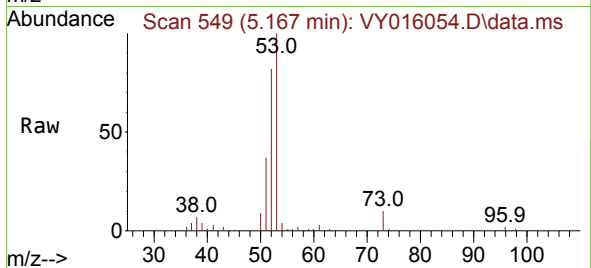
Tgt Ion: 41 Resp: 140975
Ion Ratio Lower Upper
41 100
39 69.9 58.0 87.0
76 40.3 27.4 41.2



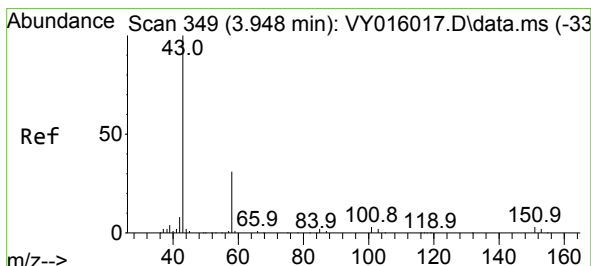
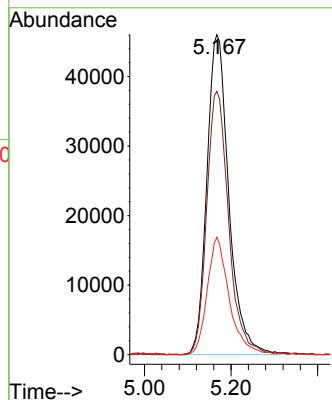
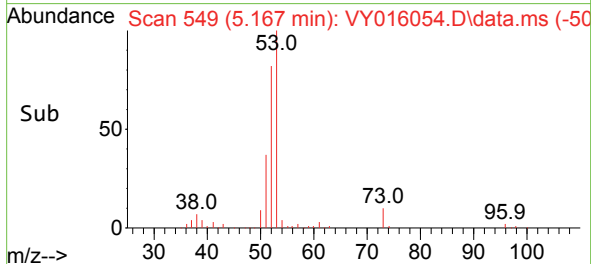


#15
Acrylonitrile
Concen: 226.239 ug/l
RT: 5.167 min Scan# 54
Delta R.T. -0.000 min
Lab File: VY016054.D
Acq: 20 Oct 2023 09:20

Instrument :
MSVOA_Y
ClientSampleId :

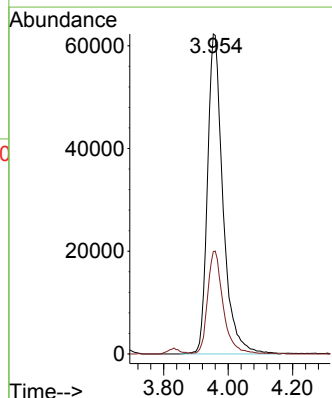
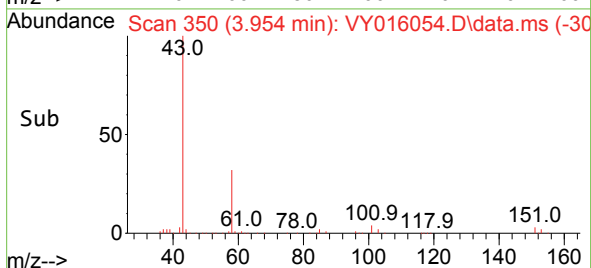
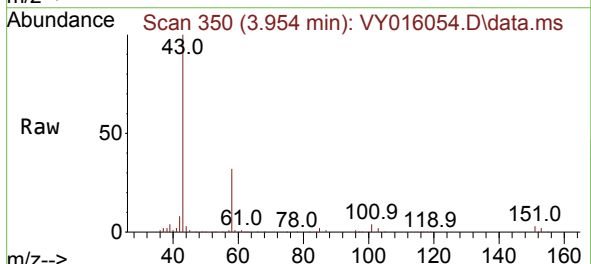


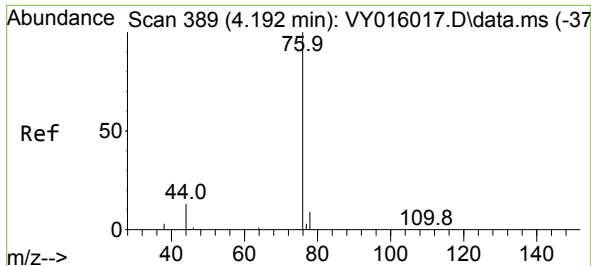
Tgt Ion: 53 Resp: 162251
Ion Ratio Lower Upper
53 100
52 82.6 66.9 100.3
51 36.8 29.8 44.6



#16
Acetone
Concen: 257.788 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY016054.D
Acq: 20 Oct 2023 09:20

Tgt Ion: 43 Resp: 207335
Ion Ratio Lower Upper
43 100
58 32.0 22.7 34.1

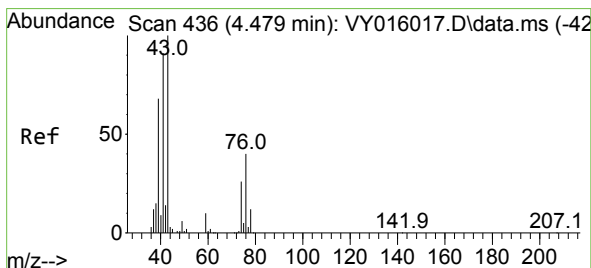
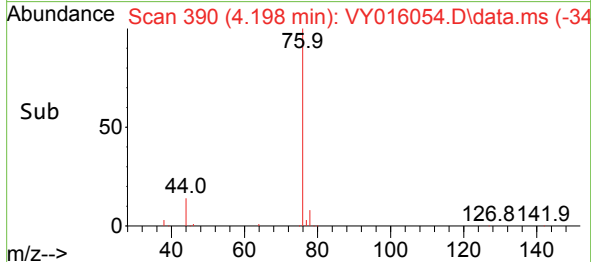
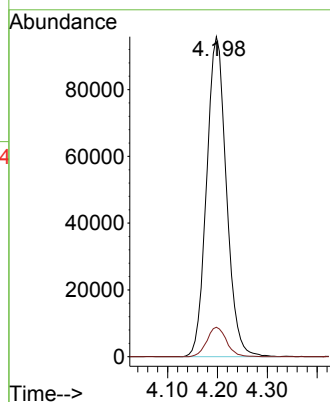
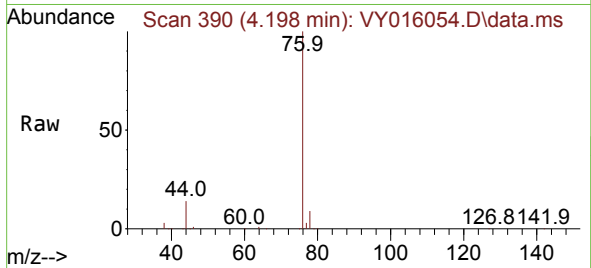




#17
Carbon Disulfide
Concen: 49.271 ug/l
RT: 4.198 min Scan# 389
Delta R.T. 0.006 min
Lab File: VY016054.D
Acq: 20 Oct 2023 09:20

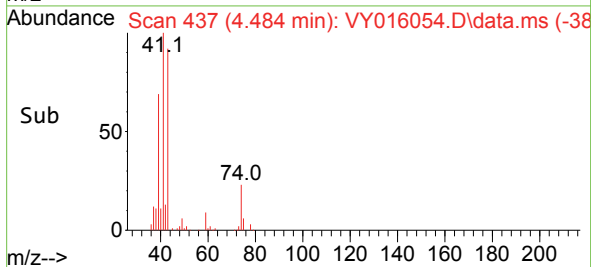
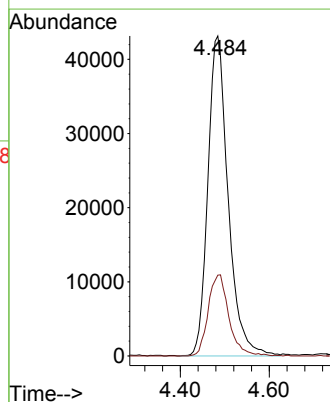
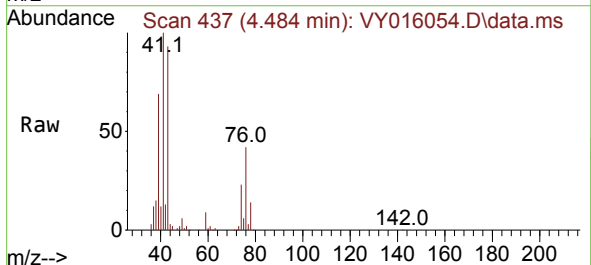
Instrument :
MSVOA_Y
ClientSampleId :

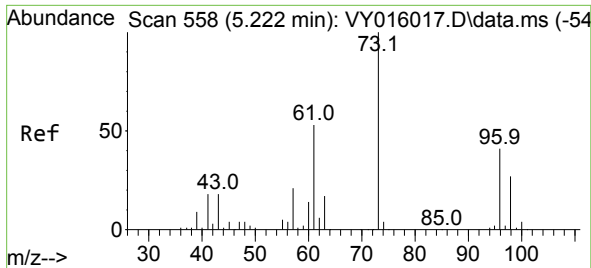
Tgt Ion: 76 Resp: 264349
Ion Ratio Lower Upper
76 100
78 9.2 7.0 10.4



#18
Methyl Acetate
Concen: 49.497 ug/l
RT: 4.484 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY016054.D
Acq: 20 Oct 2023 09:20

Tgt Ion: 43 Resp: 137018
Ion Ratio Lower Upper
43 100
74 25.9 17.4 26.0

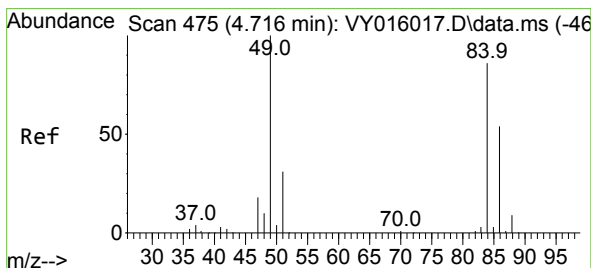
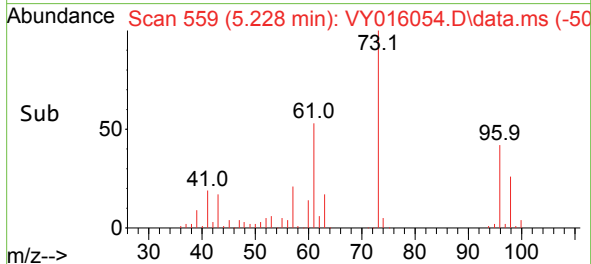
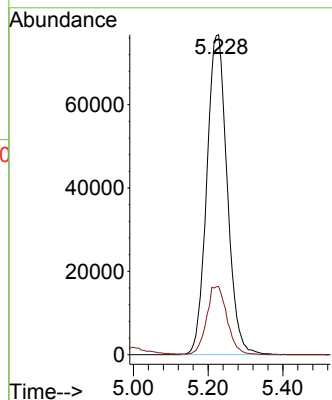
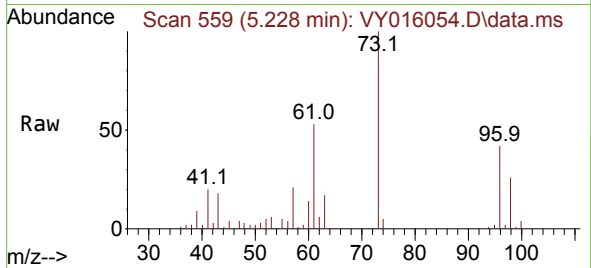




#19
Methyl tert-butyl Ether
Concen: 49.224 ug/l
RT: 5.228 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY016054.D
Acq: 20 Oct 2023 09:20

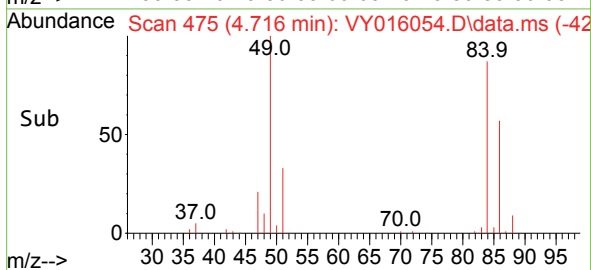
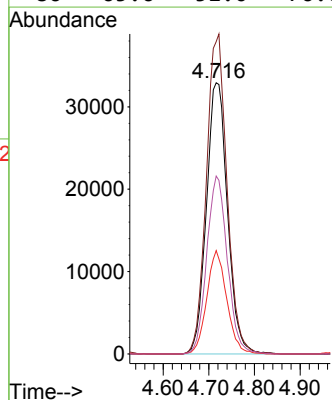
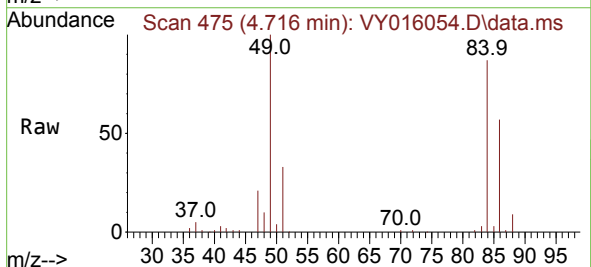
Instrument :
MSVOA_Y
ClientSampleId :

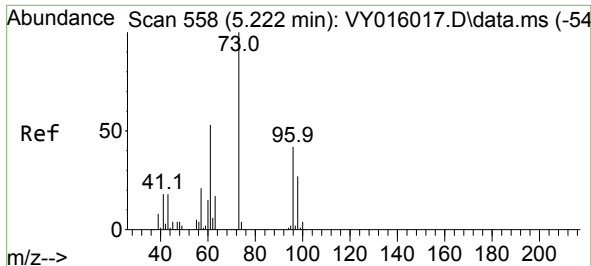
Tgt Ion: 73 Resp: 290823
Ion Ratio Lower Upper
73 100
57 21.3 17.3 25.9



#20
Methylene Chloride
Concen: 44.168 ug/l
RT: 4.716 min Scan# 475
Delta R.T. -0.000 min
Lab File: VY016054.D
Acq: 20 Oct 2023 09:20

Tgt Ion: 84 Resp: 105532
Ion Ratio Lower Upper
84 100
49 115.1 106.9 160.3
51 38.1 33.2 49.8
86 65.6 51.0 76.6

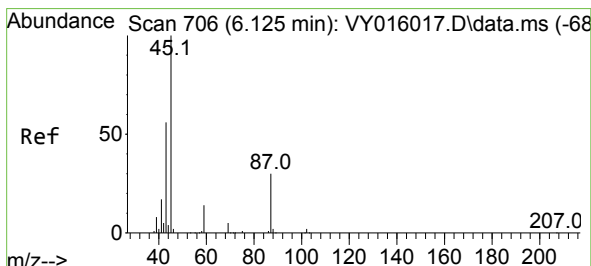
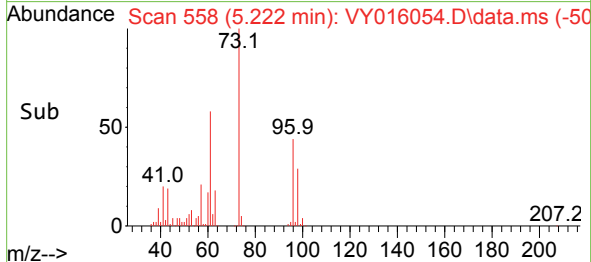
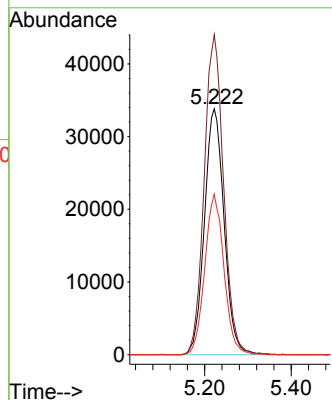
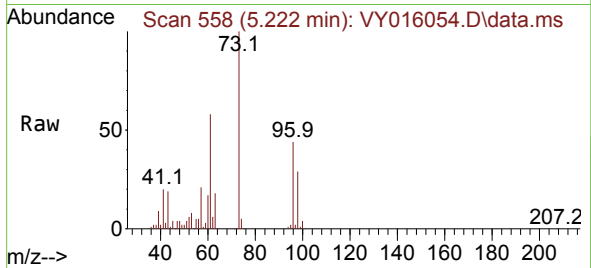




#21
trans-1,2-Dichloroethene
Concen: 50.023 ug/l
RT: 5.222 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY016054.D
Acq: 20 Oct 2023 09:20

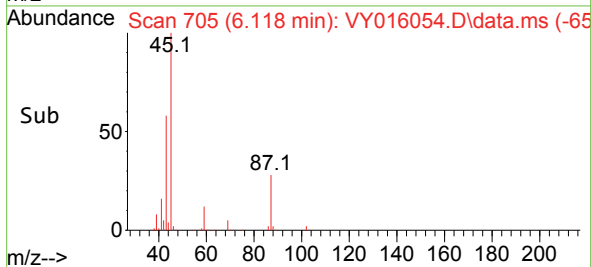
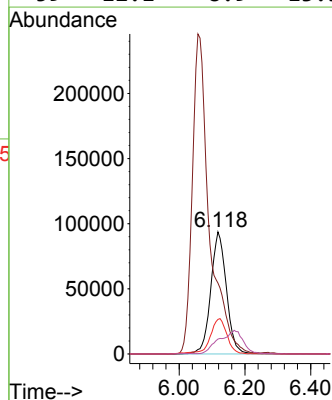
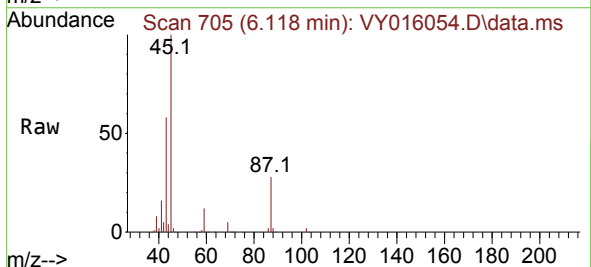
Instrument :
MSVOA_Y
ClientSampleId :

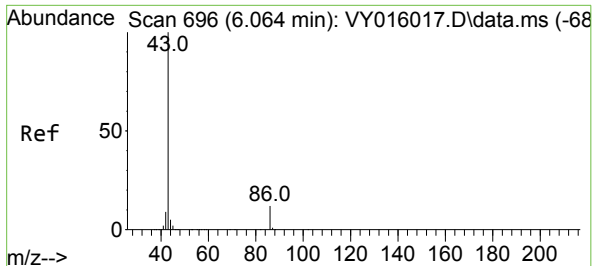
Tgt Ion: 96 Resp: 106684
Ion Ratio Lower Upper
96 100
61 130.1 110.2 165.4
98 65.2 51.8 77.6



#22
Diisopropyl ether
Concen: 49.625 ug/l
RT: 6.118 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY016054.D
Acq: 20 Oct 2023 09:20

Tgt Ion: 45 Resp: 309441
Ion Ratio Lower Upper
45 100
43 57.6 52.2 78.4
87 28.3 21.0 31.6
59 12.1 8.9 13.3

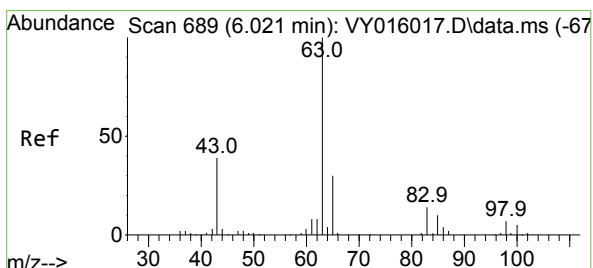
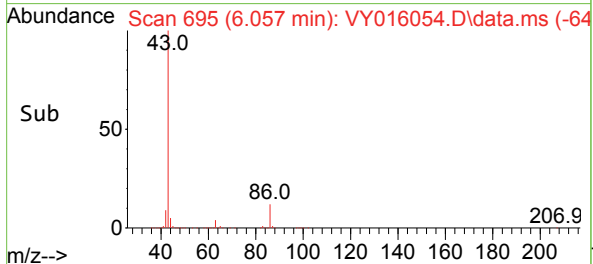
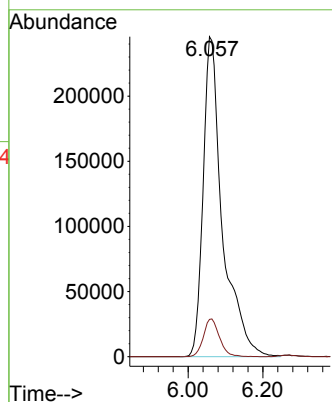
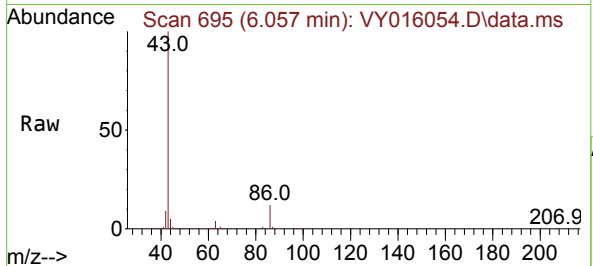




#23
 Vinyl Acetate
 Concen: 227.836 ug/l
 RT: 6.057 min Scan# 696
 Delta R.T. -0.006 min
 Lab File: VY016054.D
 Acq: 20 Oct 2023 09:20

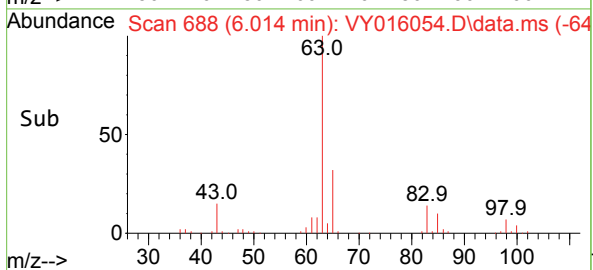
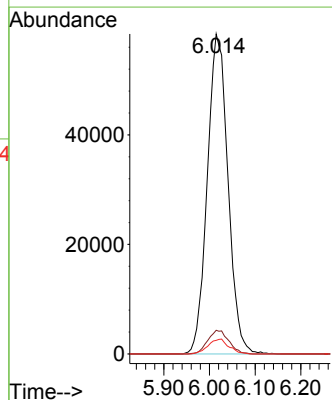
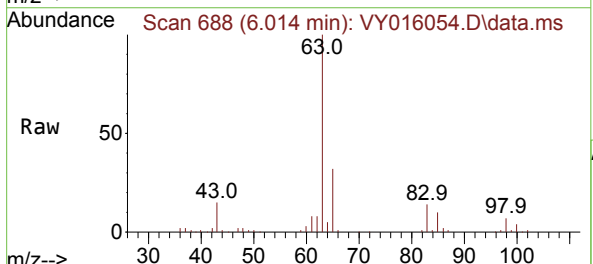
Instrument :
 MSVOA_Y
 ClientSampleId :

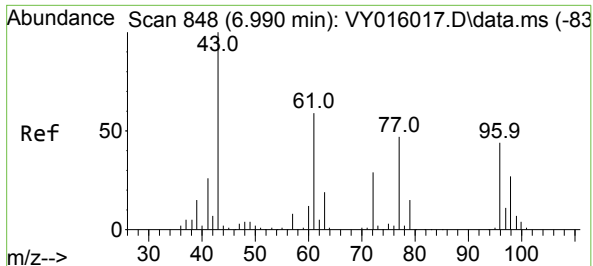
Tgt Ion: 43 Resp: 881265
 Ion Ratio Lower Upper
 43 100
 86 11.7 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 49.660 ug/l
 RT: 6.014 min Scan# 688
 Delta R.T. -0.006 min
 Lab File: VY016054.D
 Acq: 20 Oct 2023 09:20

Tgt Ion: 63 Resp: 183706
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.1 9.4
 100 4.3 1.8 5.5





#25

2-Butanone

Concen: 271.230 ug/l

RT: 6.990 min Scan# 848

Delta R.T. -0.000 min

Lab File: VY016054.D

Acq: 20 Oct 2023 09:20

Instrument :

MSVOA_Y

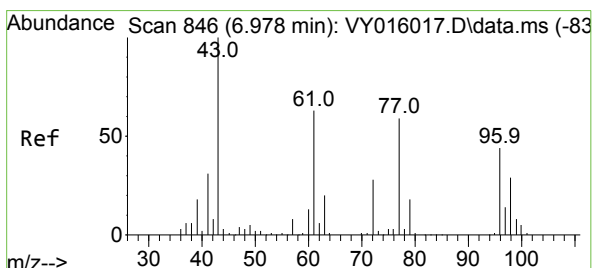
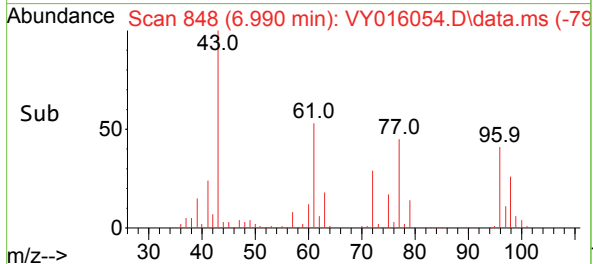
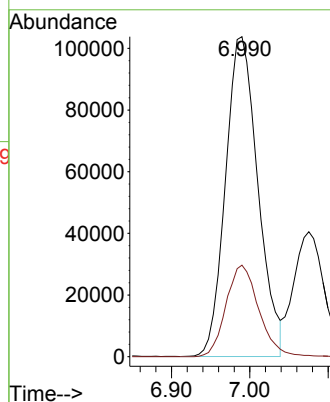
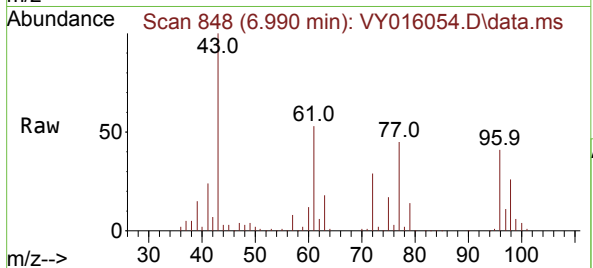
ClientSampleId :

Tgt Ion: 43 Resp: 298802

Ion Ratio Lower Upper

43 100

72 28.6 20.5 30.7



#26

2,2-Dichloropropane

Concen: 46.906 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.000 min

Lab File: VY016054.D

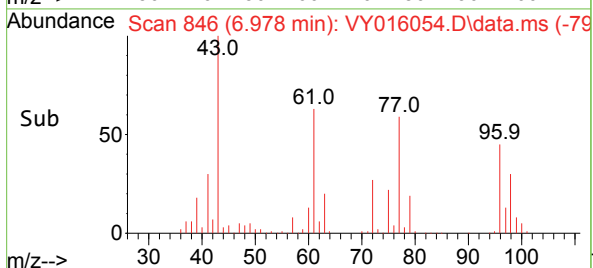
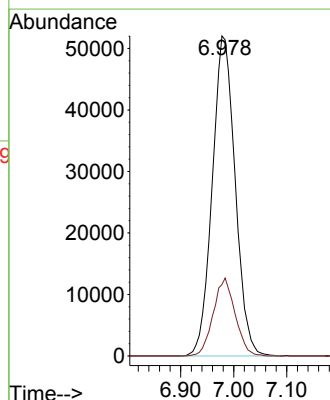
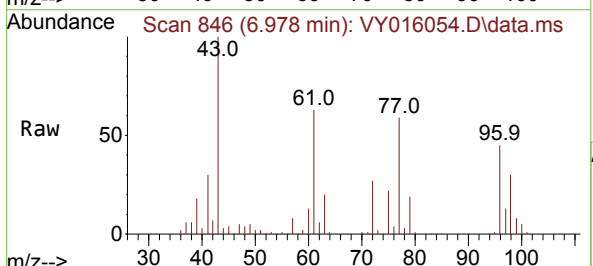
Acq: 20 Oct 2023 09:20

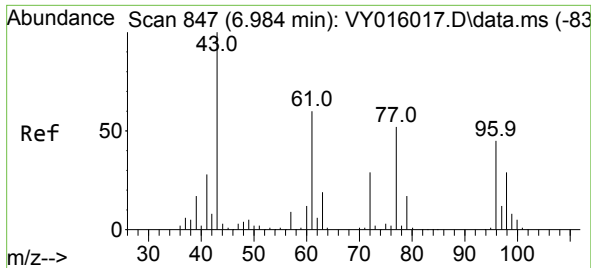
Tgt Ion: 77 Resp: 156119

Ion Ratio Lower Upper

77 100

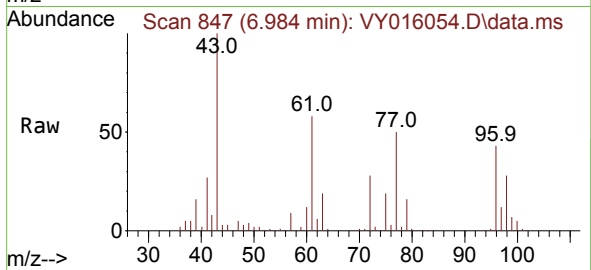
97 23.3 10.9 32.9



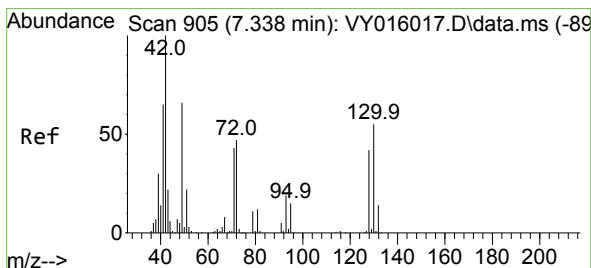
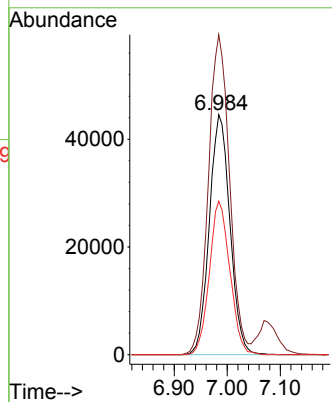
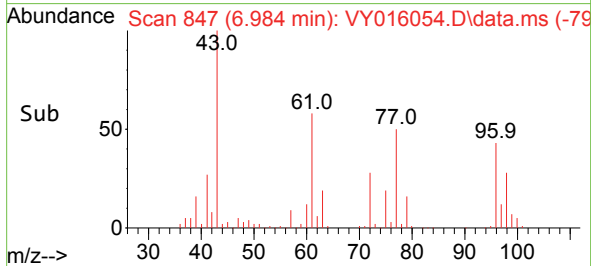


#27
 cis-1,2-Dichloroethene
 Concen: 49.061 ug/l
 RT: 6.984 min Scan# 847
 Delta R.T. -0.000 min
 Lab File: VY016054.D
 Acq: 20 Oct 2023 09:20

Instrument :
 MSVOA_Y
 ClientSampleId :

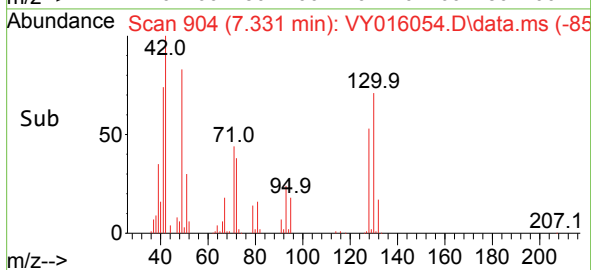
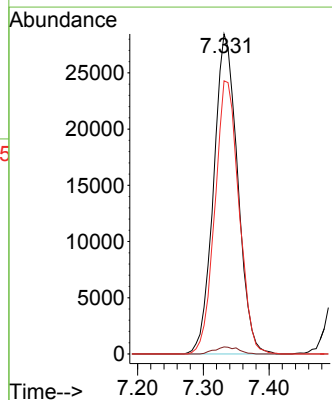
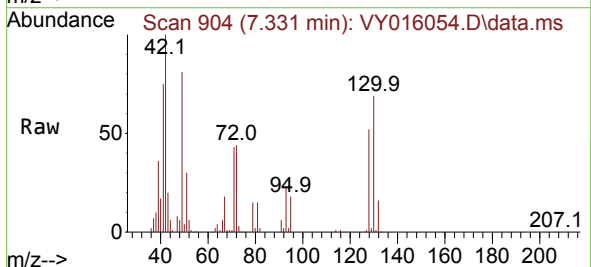


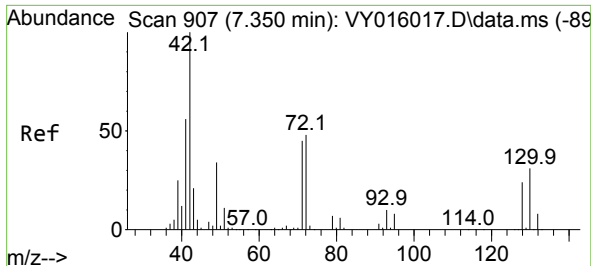
Tgt Ion: 96 Resp: 120501
 Ion Ratio Lower Upper
 96 100
 61 137.0 0.0 301.4
 98 63.5 0.0 130.4



#28
 Bromochloromethane
 Concen: 45.712 ug/l
 RT: 7.331 min Scan# 904
 Delta R.T. -0.006 min
 Lab File: VY016054.D
 Acq: 20 Oct 2023 09:20

Tgt Ion: 49 Resp: 72320
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.6
 130 85.4 60.7 91.1





#29

Tetrahydrofuran

Concen: 273.466 ug/l

RT: 7.350 min Scan# 907

Delta R.T. -0.000 min

Lab File: VY016054.D

Acq: 20 Oct 2023 09:20

Instrument :

MSVOA_Y

ClientSampleId :

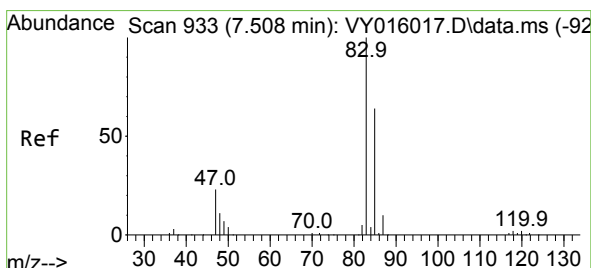
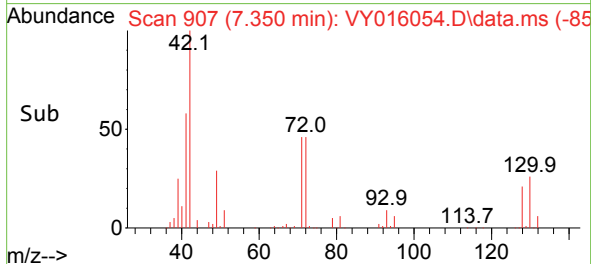
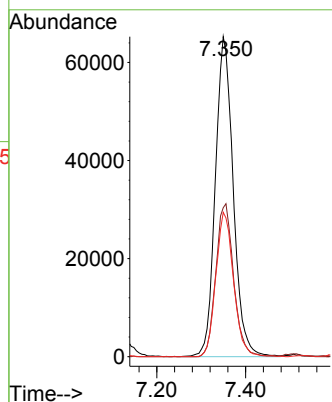
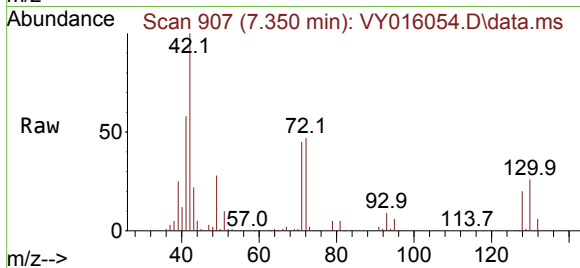
Tgt Ion: 42 Resp: 182356

Ion Ratio Lower Upper

42 100

72 47.6 32.8 49.2

71 44.7 31.0 46.4



#30

Chloroform

Concen: 48.541 ug/l

RT: 7.508 min Scan# 933

Delta R.T. -0.000 min

Lab File: VY016054.D

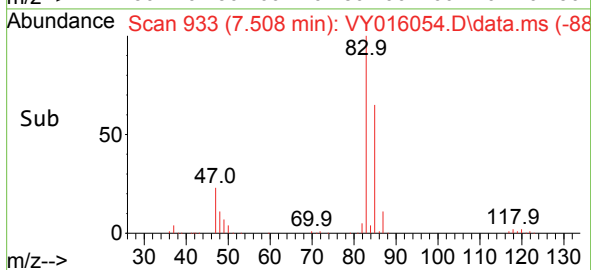
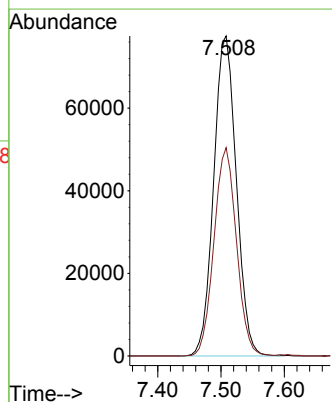
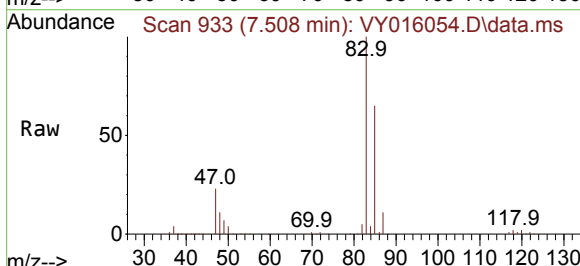
Acq: 20 Oct 2023 09:20

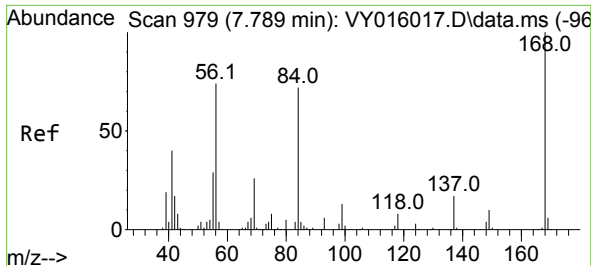
Tgt Ion: 83 Resp: 192533

Ion Ratio Lower Upper

83 100

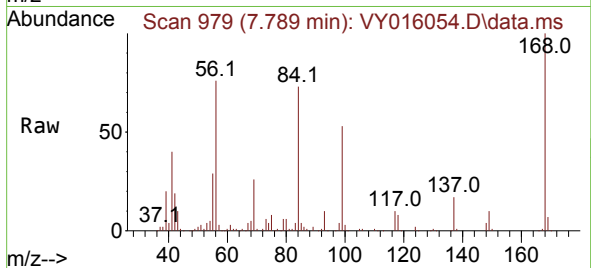
85 65.1 49.7 74.5



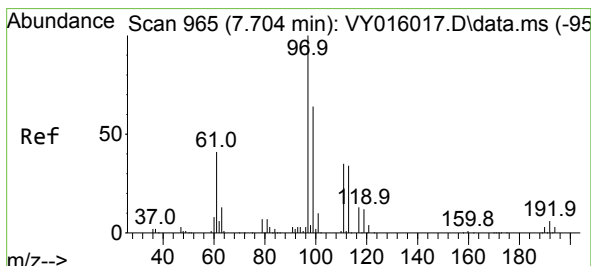
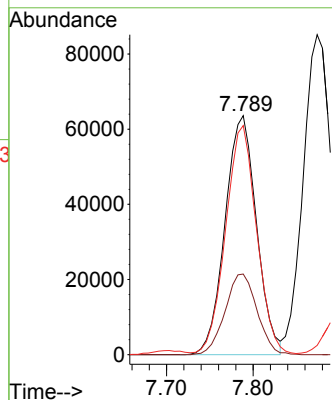
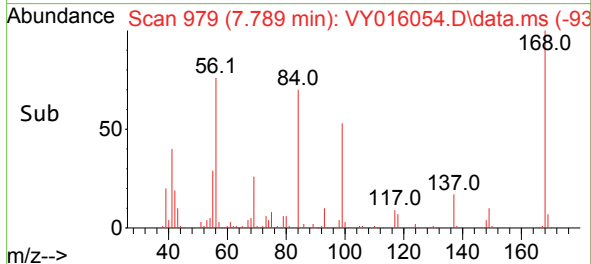


#31
Cyclohexane
Concen: 47.248 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY016054.D
Acq: 20 Oct 2023 09:20

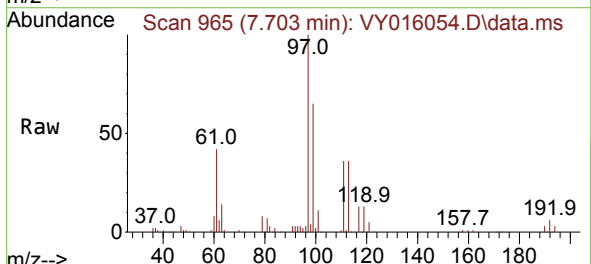
Instrument :
MSVOA_Y
ClientSampleId :



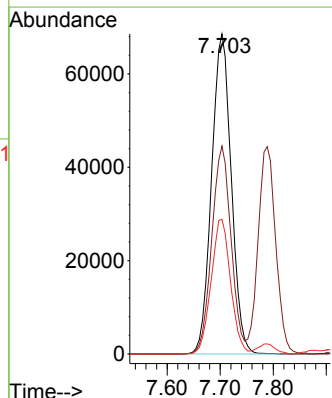
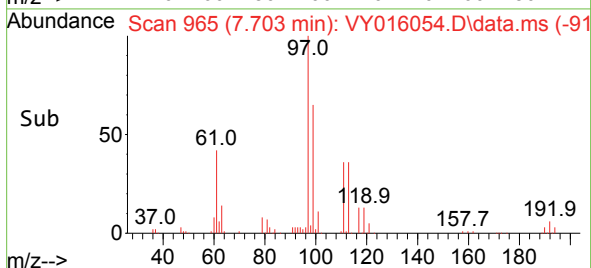
Tgt Ion: 56 Resp: 160453
Ion Ratio Lower Upper
56 100
69 33.8 27.8 41.6
84 94.3 66.4 99.6

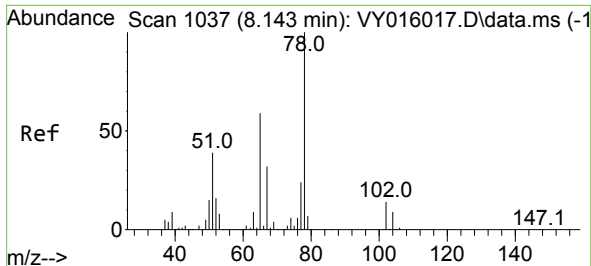


#32
1,1,1-Trichloroethane
Concen: 49.752 ug/l
RT: 7.703 min Scan# 965
Delta R.T. -0.000 min
Lab File: VY016054.D
Acq: 20 Oct 2023 09:20



Tgt Ion: 97 Resp: 176565
Ion Ratio Lower Upper
97 100
99 63.8 50.8 76.2
61 41.7 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 41.216 ug/l

RT: 8.142 min Scan# 1103

Delta R.T. -0.000 min

Lab File: VY016054.D

Acq: 20 Oct 2023 09:20

Instrument :

MSVOA_Y

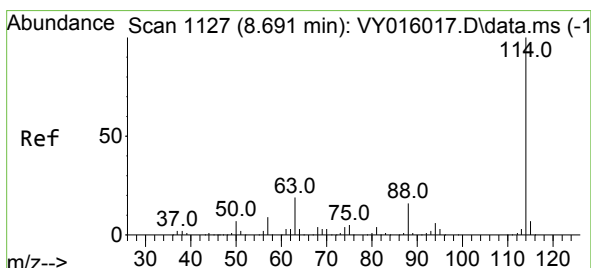
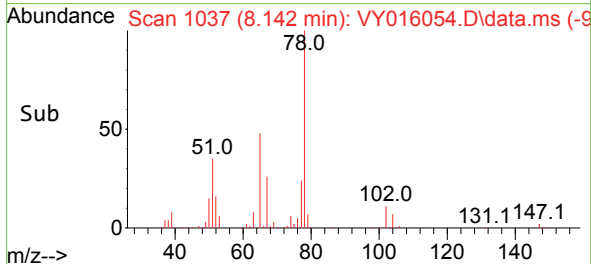
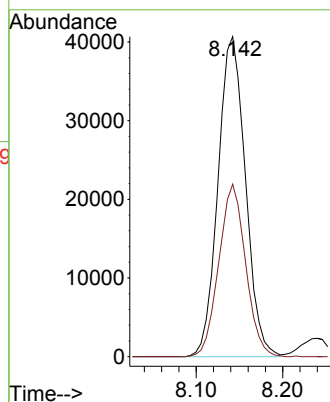
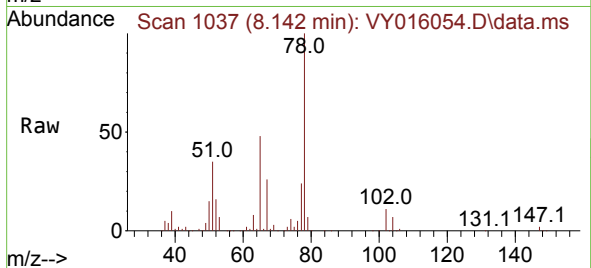
ClientSampleId :

Tgt Ion: 65 Resp: 89426

Ion Ratio Lower Upper

65 100

67 52.7 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY016054.D

Acq: 20 Oct 2023 09:20

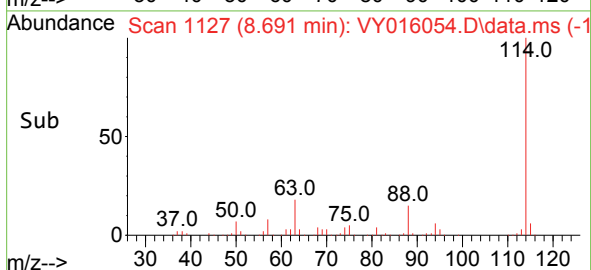
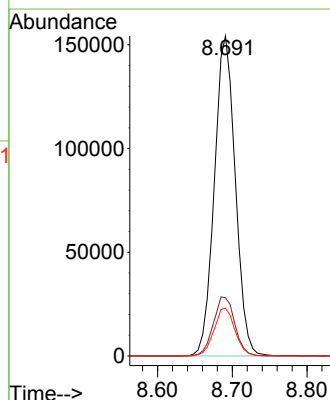
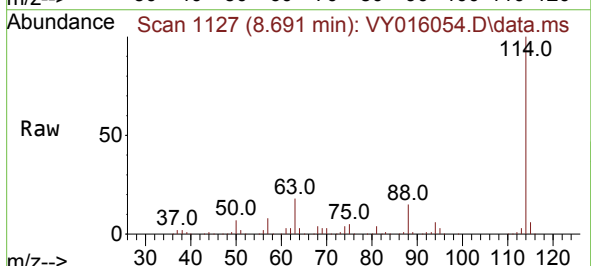
Tgt Ion: 114 Resp: 300079

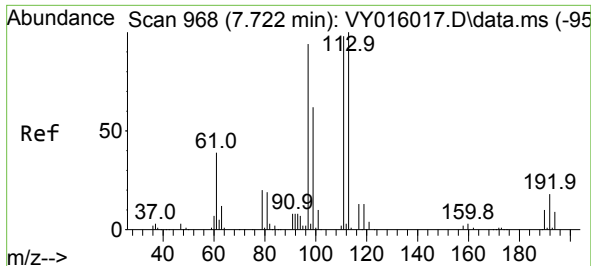
Ion Ratio Lower Upper

114 100

63 18.2 0.0 42.4

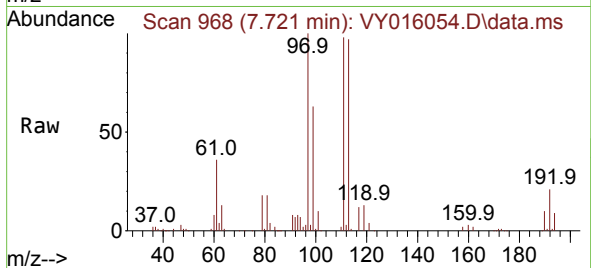
88 15.0 0.0 30.6



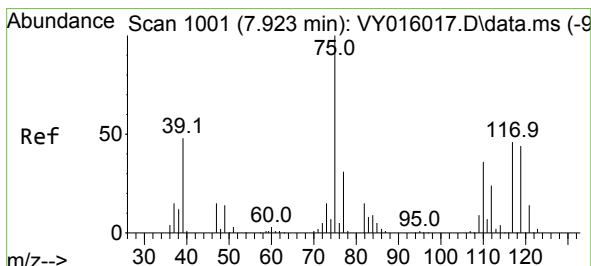
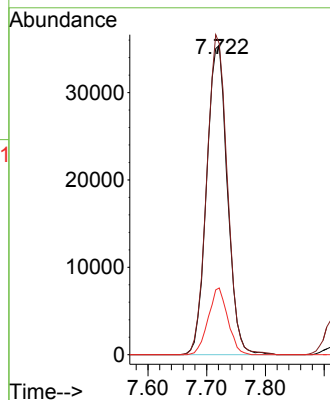
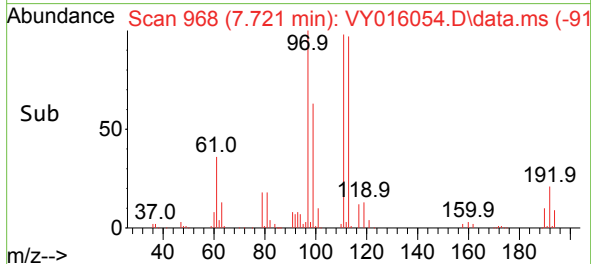


#35
Dibromofluoromethane
Concen: 43.952 ug/l
RT: 7.721 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY016054.D
Acq: 20 Oct 2023 09:20

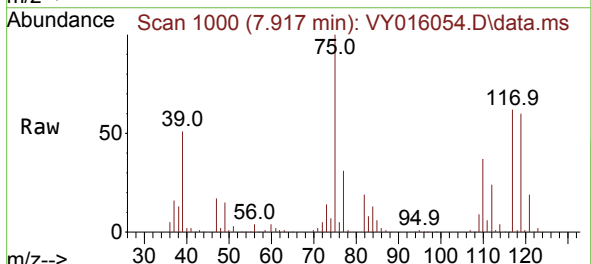
Instrument :
MSVOA_Y
ClientSampleId :



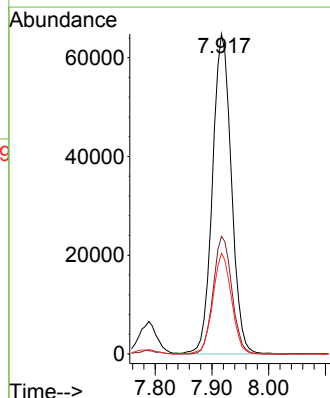
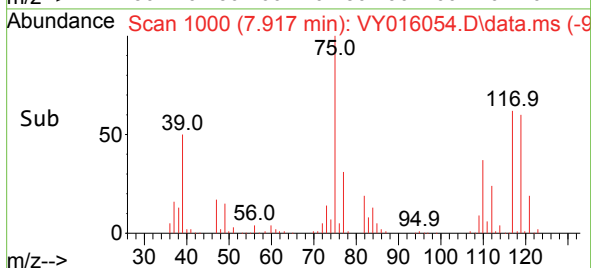
Tgt Ion:113 Resp: 86813
Ion Ratio Lower Upper
113 100
111 102.6 81.3 121.9
192 20.3 16.9 25.3

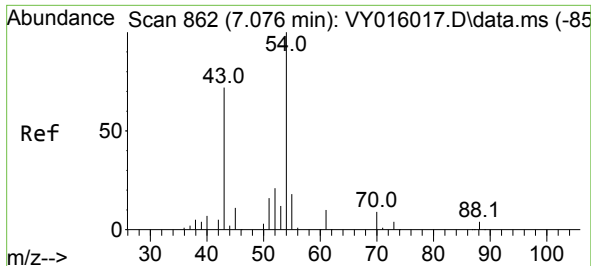


#36
1,1-Dichloropropene
Concen: 50.479 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.006 min
Lab File: VY016054.D
Acq: 20 Oct 2023 09:20



Tgt Ion: 75 Resp: 150004
Ion Ratio Lower Upper
75 100
110 36.3 17.8 53.5
77 31.1 24.4 36.6





#37

Ethyl Acetate

Concen: 52.967 ug/l

RT: 7.075 min Scan# 862

Delta R.T. -0.000 min

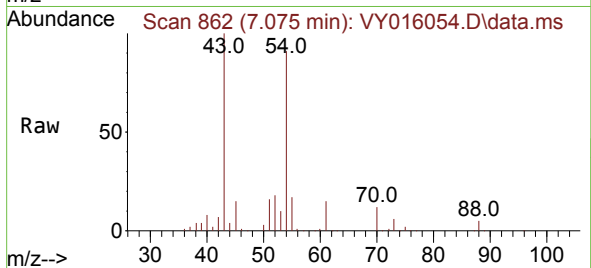
Lab File: VY016054.D

Acq: 20 Oct 2023 09:20

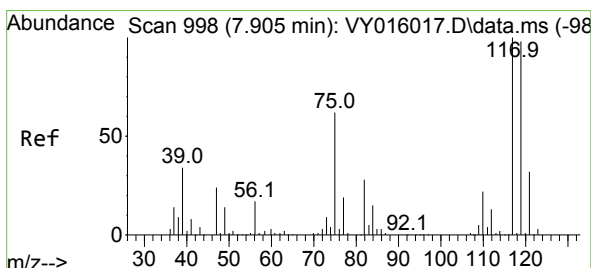
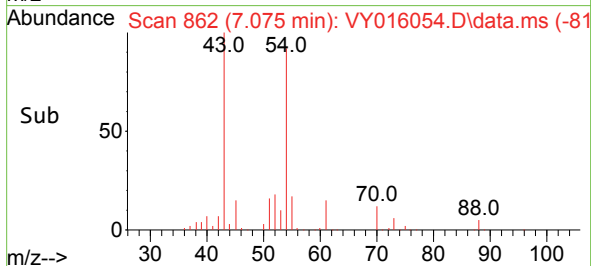
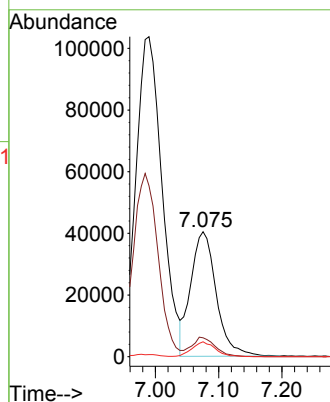
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 43	Resp: 113456
Ion Ratio	Lower Upper
43 100	
61 14.2	10.1 15.1
70 10.9	7.1 10.7#



#38

Carbon Tetrachloride

Concen: 51.078 ug/l

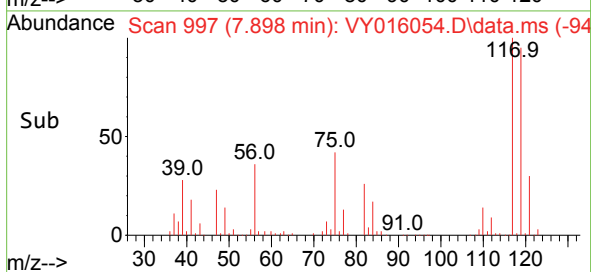
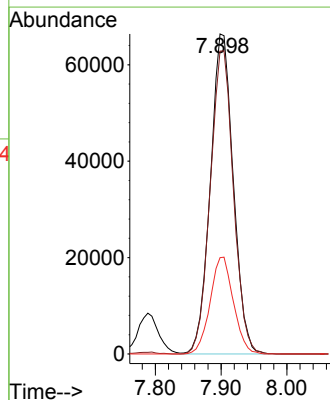
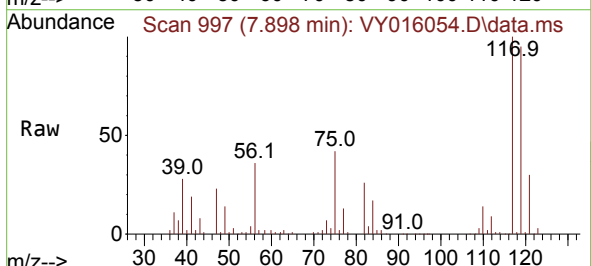
RT: 7.898 min Scan# 997

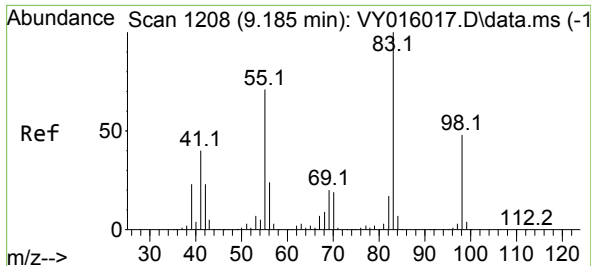
Delta R.T. -0.006 min

Lab File: VY016054.D

Acq: 20 Oct 2023 09:20

Tgt Ion:117	Resp:	161324	
Ion	Ratio	Lower	Upper
117	100		
119	94.7	76.4	114.6
121	30.1	25.8	38.6





#39

Methylcyclohexane

Concen: 49.370 ug/l

RT: 9.185 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY016054.D

Acq: 20 Oct 2023 09:20

Instrument :

MSVOA_Y

ClientSampleId :

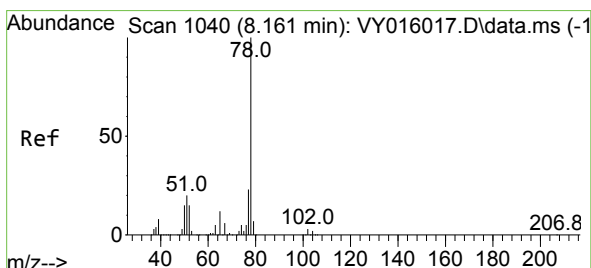
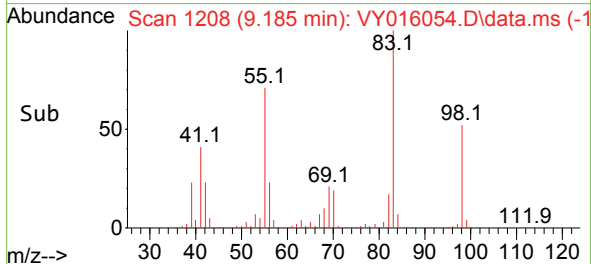
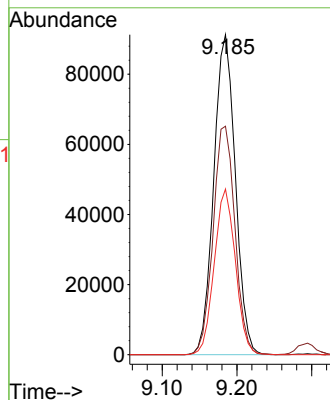
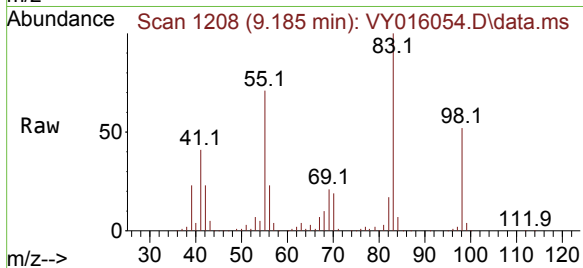
Tgt Ion: 83 Resp: 183346

Ion Ratio Lower Upper

83 100

55 71.4 63.0 94.4

98 51.8 37.4 56.2



#40

Benzene

Concen: 50.146 ug/l

RT: 8.160 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY016054.D

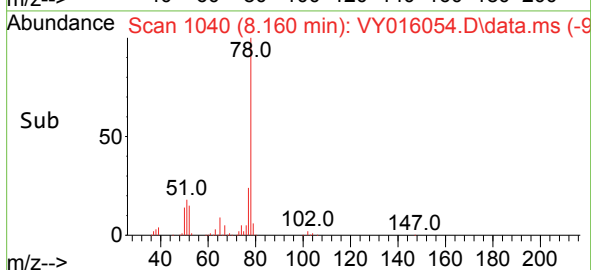
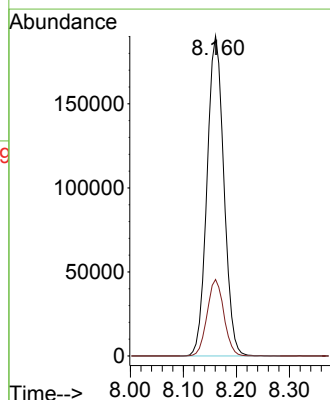
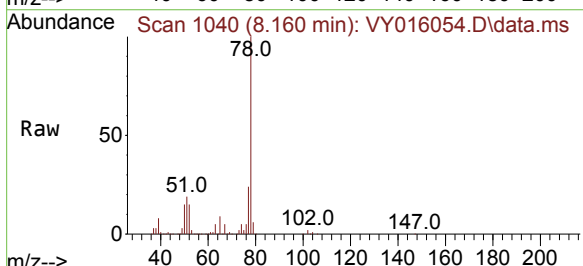
Acq: 20 Oct 2023 09:20

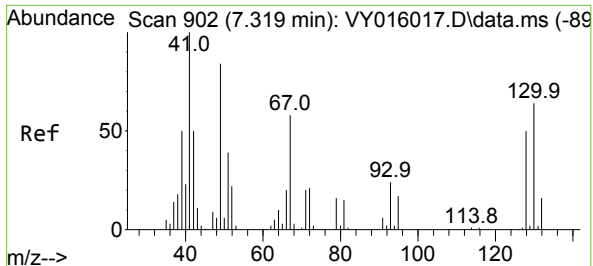
Tgt Ion: 78 Resp: 419984

Ion Ratio Lower Upper

78 100

77 23.9 19.0 28.6

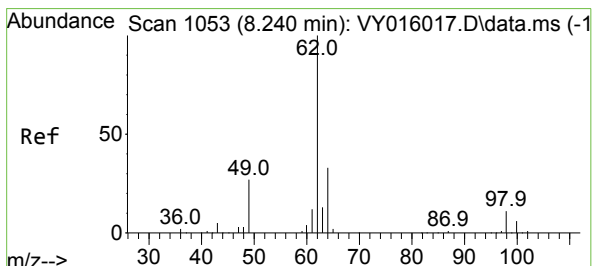
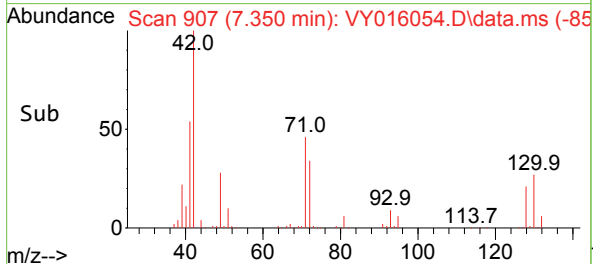
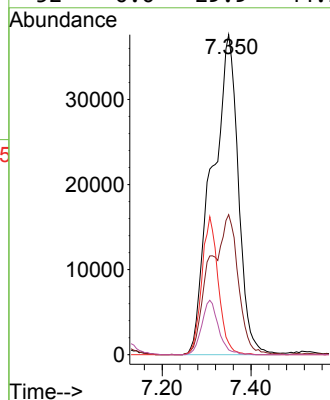
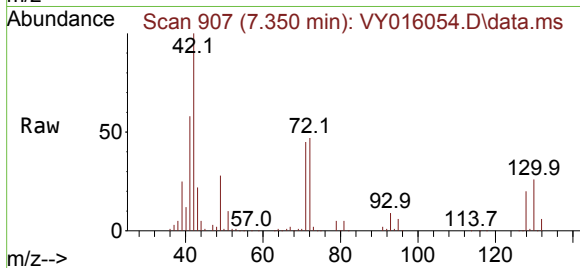




#41
Methacrylonitrile
Concen: 138.875 ug/l
RT: 7.350 min Scan# 907
Delta R.T. 0.030 min
Lab File: VY016054.D
Acq: 20 Oct 2023 09:20

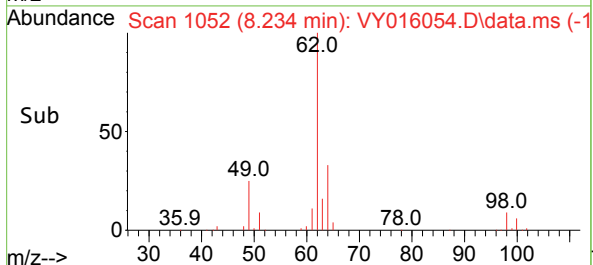
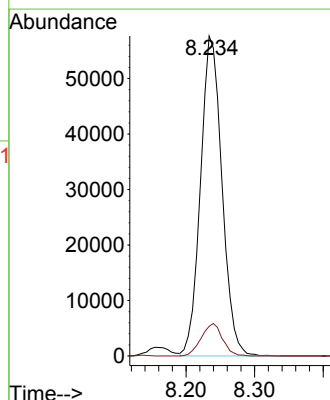
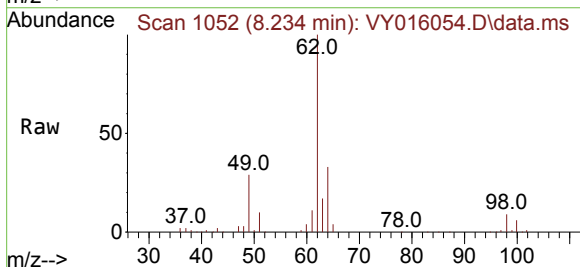
Instrument :
MSVOA_Y
ClientSampleId :

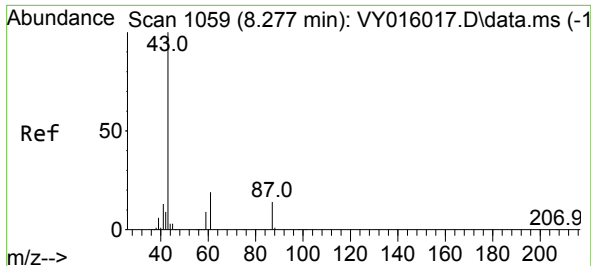
Tgt Ion: 41 Resp: 154316
Ion Ratio Lower Upper
41 100
39 47.2 52.1 78.1#
67 0.0 66.2 99.2#
52 0.0 29.9 44.9#



#42
1,2-Dichloroethane
Concen: 46.579 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VY016054.D
Acq: 20 Oct 2023 09:20

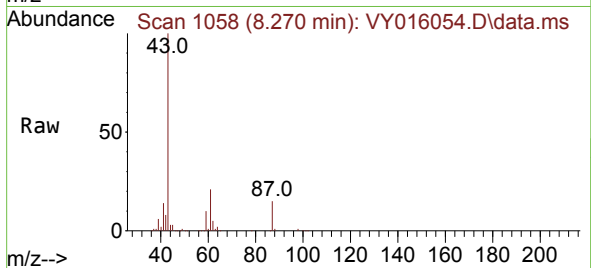
Tgt Ion: 62 Resp: 125663
Ion Ratio Lower Upper
62 100
98 10.0 0.0 15.8



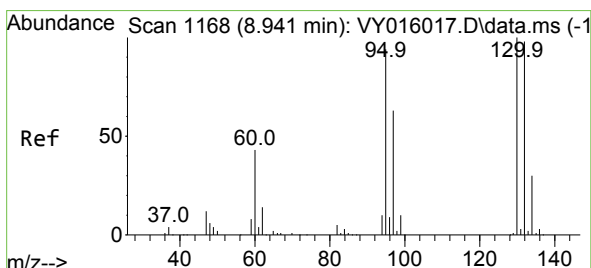
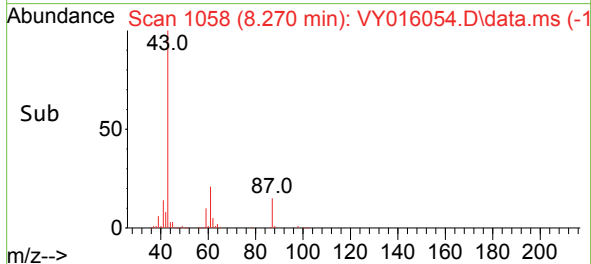
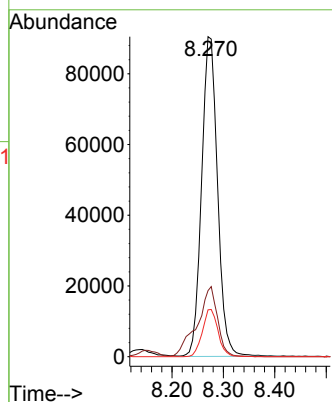


#43
Isopropyl Acetate
Concen: 51.921 ug/l
RT: 8.270 min Scan# 1059
Delta R.T. -0.006 min
Lab File: VY016054.D
Acq: 20 Oct 2023 09:20

Instrument :
MSVOA_Y
ClientSampleId :

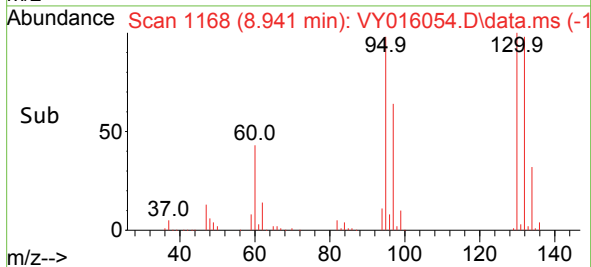
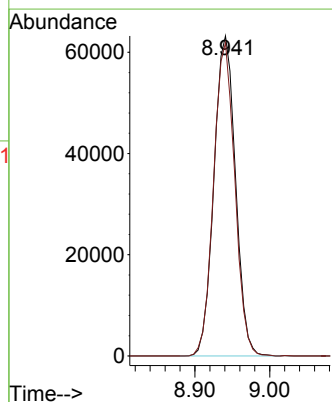
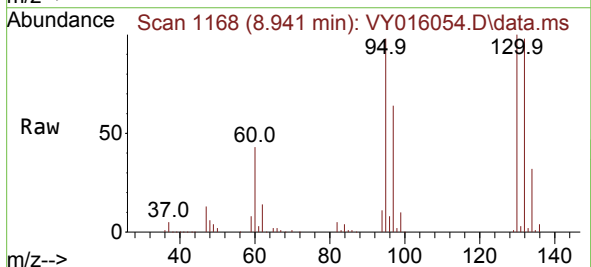


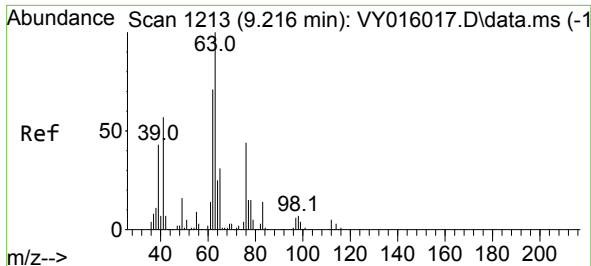
Tgt Ion: 43 Resp: 194444
Ion Ratio Lower Upper
43 100
61 28.1 21.1 31.7
87 14.6 9.8 14.8



#44
Trichloroethene
Concen: 53.934 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. -0.000 min
Lab File: VY016054.D
Acq: 20 Oct 2023 09:20

Tgt Ion:130 Resp: 126654
Ion Ratio Lower Upper
130 100
95 97.9 0.0 196.0





#45

1,2-Dichloropropane

Concen: 48.583 ug/l

RT: 9.215 min Scan# 1213

Delta R.T. -0.000 min

Lab File: VY016054.D

Acq: 20 Oct 2023 09:20

Instrument :

MSVOA_Y

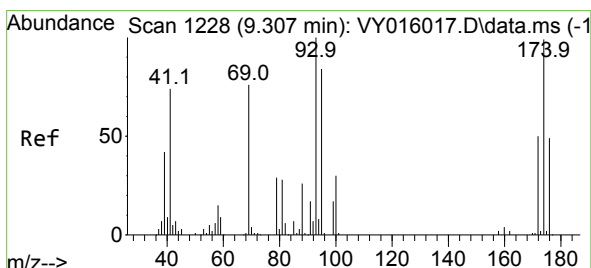
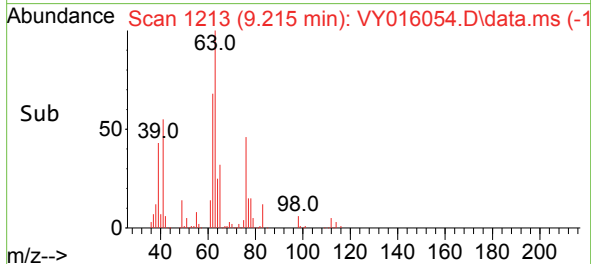
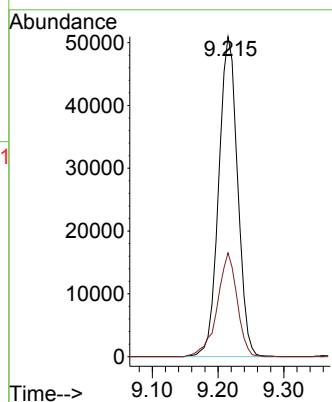
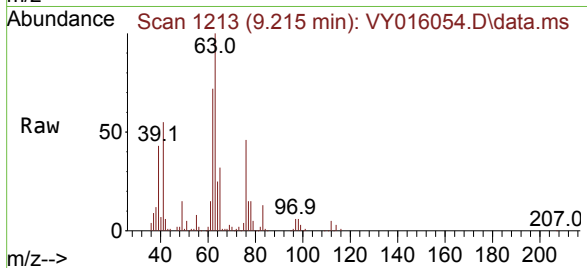
ClientSampleId :

Tgt Ion: 63 Resp: 101830

Ion Ratio Lower Upper

63 100

65 32.4 23.8 35.6



#46

Dibromomethane

Concen: 45.900 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VY016054.D

Acq: 20 Oct 2023 09:20

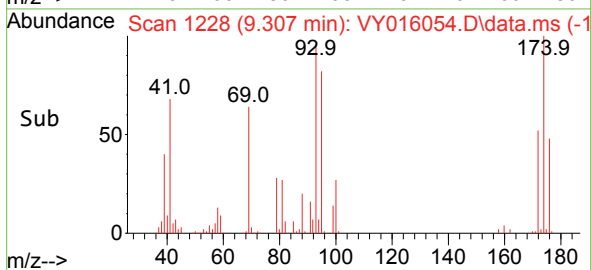
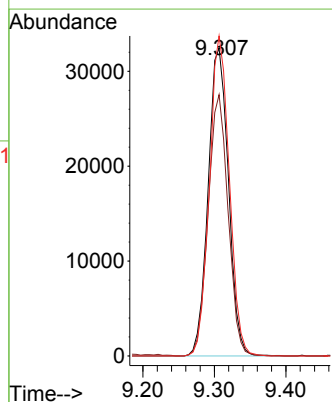
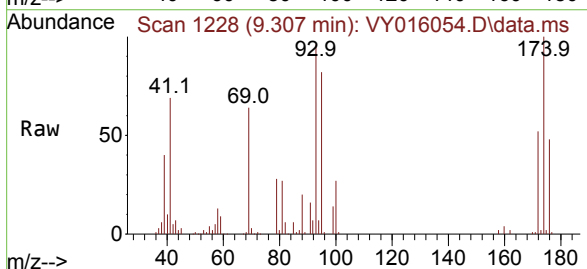
Tgt Ion: 93 Resp: 63870

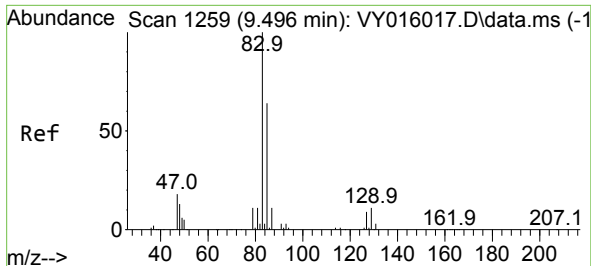
Ion Ratio Lower Upper

93 100

95 83.6 66.6 100.0

174 102.0 84.8 127.2

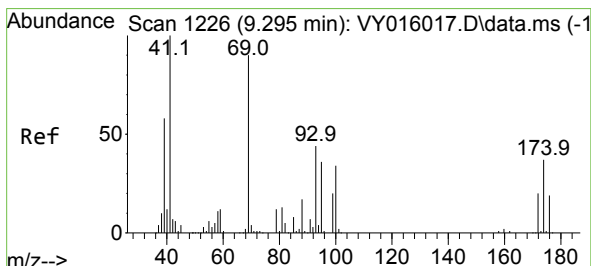
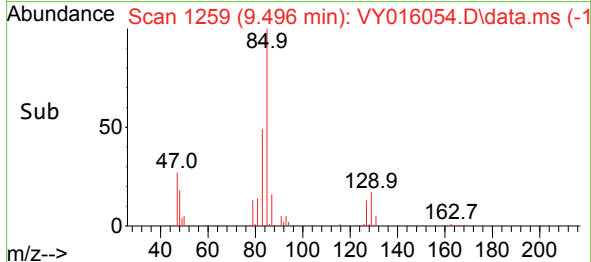
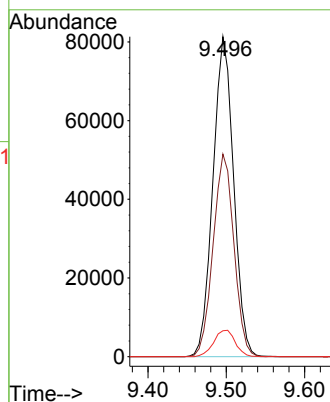
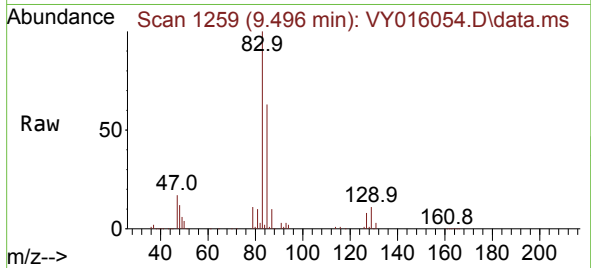




#47
Bromodichloromethane
Concen: 48.933 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY016054.D
Acq: 20 Oct 2023 09:20

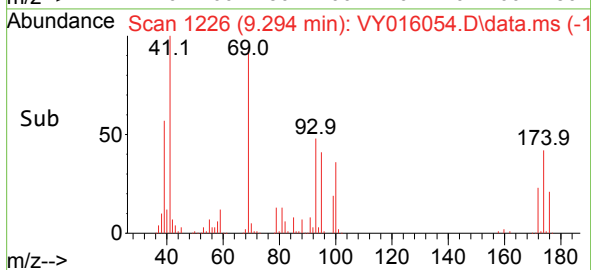
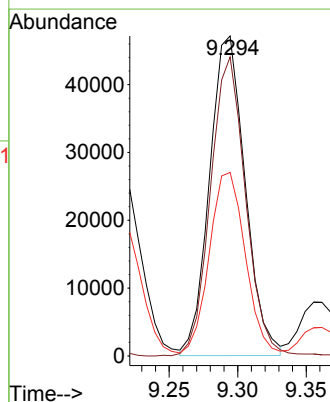
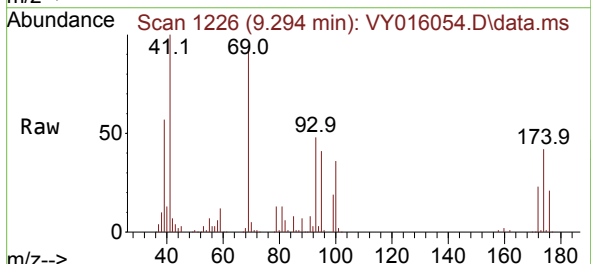
Instrument :
MSVOA_Y
ClientSampleId :

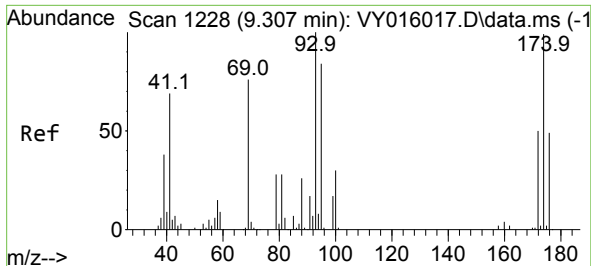
Tgt Ion: 83 Resp: 149235
Ion Ratio Lower Upper
83 100
85 63.3 50.1 75.1
127 8.1 7.1 10.7



#48
Methyl methacrylate
Concen: 50.019 ug/l
RT: 9.294 min Scan# 1226
Delta R.T. -0.001 min
Lab File: VY016054.D
Acq: 20 Oct 2023 09:20

Tgt Ion: 41 Resp: 85267
Ion Ratio Lower Upper
41 100
69 92.2 64.5 96.7
39 56.5 50.8 76.2





#49

1,4-Dioxane

Concen: 1102.837 ug/l

RT: 9.313 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016054.D

Acq: 20 Oct 2023 09:20

Instrument :

MSVOA_Y

ClientSampleId :

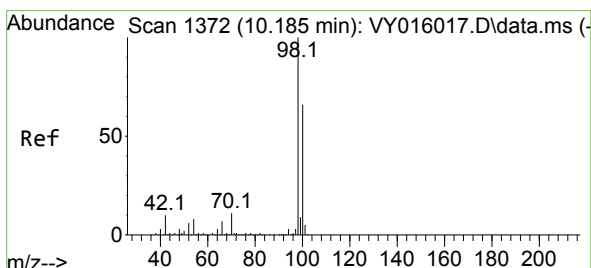
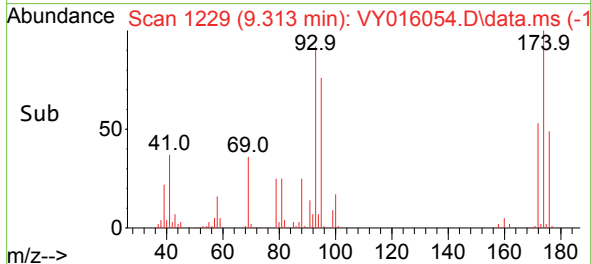
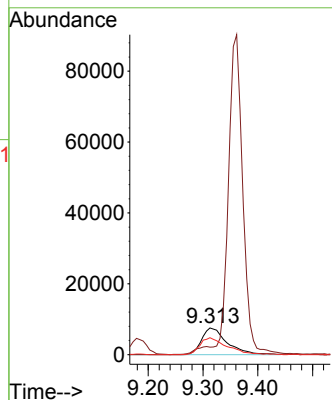
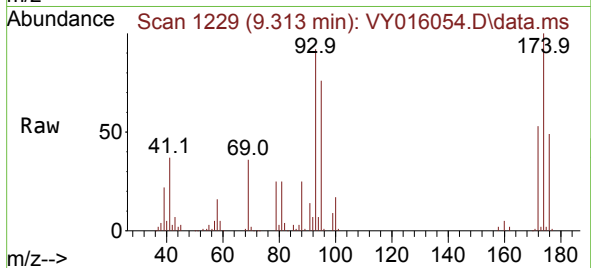
Tgt Ion: 88 Resp: 24436

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 67.4 30.9 46.3#



#50

Toluene-d8

Concen: 44.896 ug/l

RT: 10.178 min Scan# 1371

Delta R.T. -0.007 min

Lab File: VY016054.D

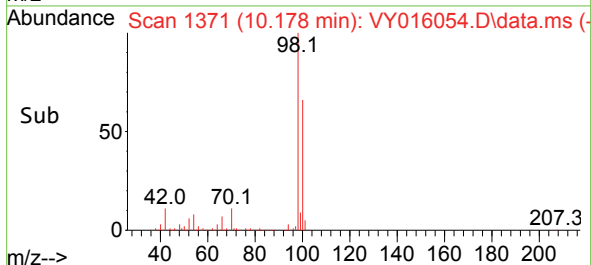
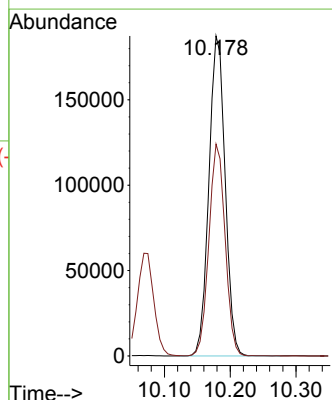
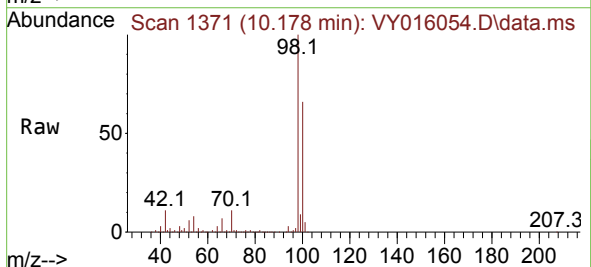
Acq: 20 Oct 2023 09:20

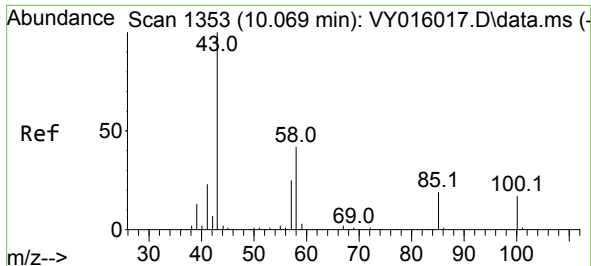
Tgt Ion: 98 Resp: 322062

Ion Ratio Lower Upper

98 100

100 66.1 50.1 75.1





#51

4-Methyl-2-Pentanone

Concen: 275.158 ug/l

RT: 10.069 min Scan# 1353

Delta R.T. -0.000 min

Lab File: VY016054.D

Acq: 20 Oct 2023 09:20

Instrument :

MSVOA_Y

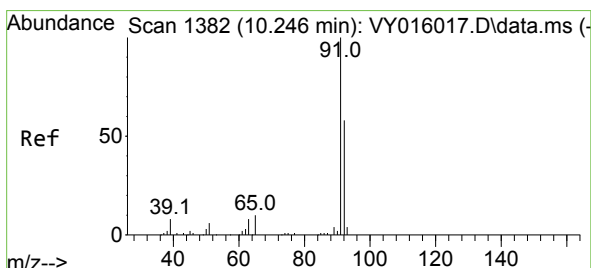
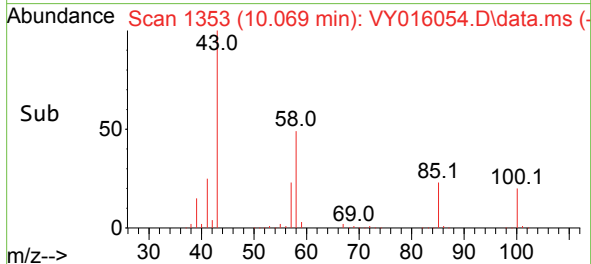
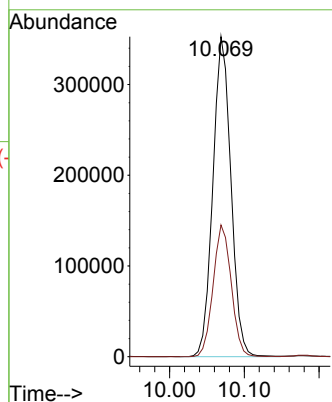
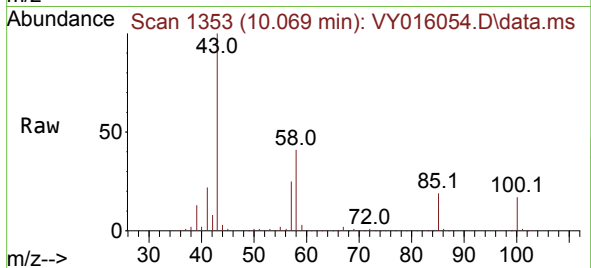
ClientSampleId :

Tgt Ion: 43 Resp: 592580

Ion Ratio Lower Upper

43 100

58 41.3 29.0 43.6



#52

Toluene

Concen: 49.471 ug/l

RT: 10.245 min Scan# 1382

Delta R.T. -0.000 min

Lab File: VY016054.D

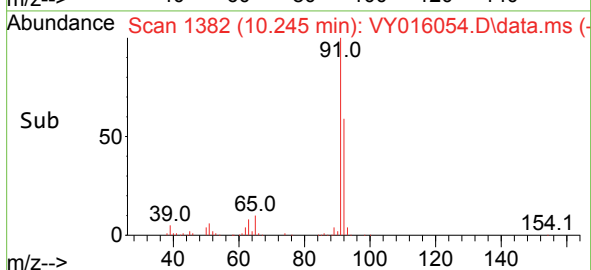
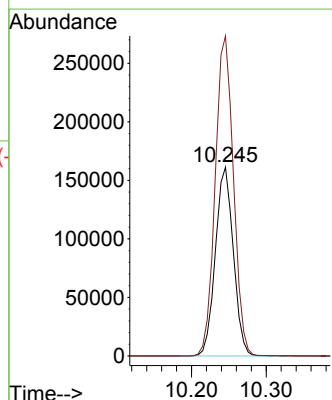
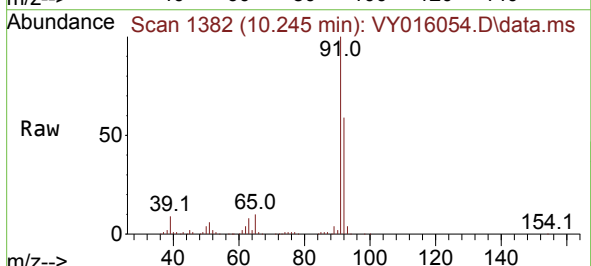
Acq: 20 Oct 2023 09:20

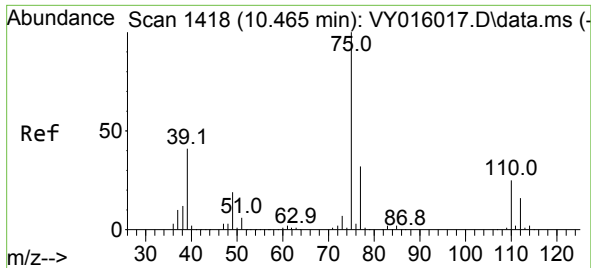
Tgt Ion: 92 Resp: 268741

Ion Ratio Lower Upper

92 100

91 172.6 143.8 215.6

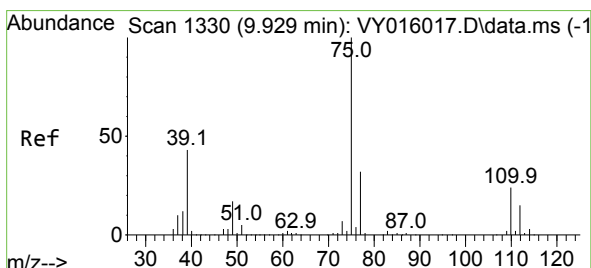
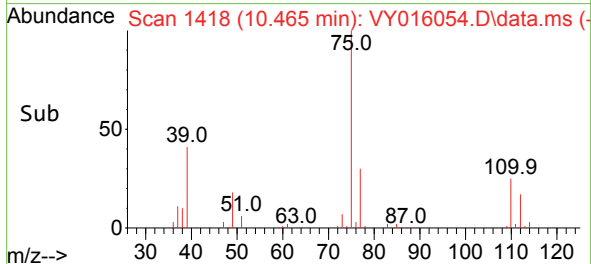
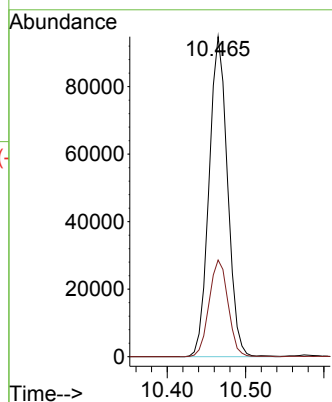
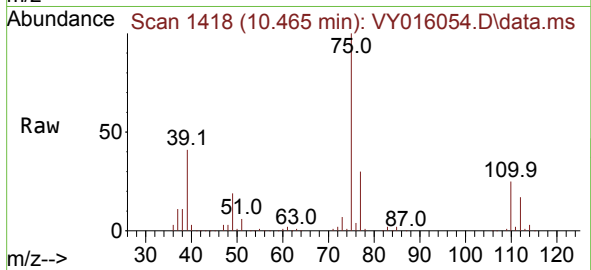




#53
 t-1,3-Dichloropropene
 Concen: 46.967 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. -0.000 min
 Lab File: VY016054.D
 Acq: 20 Oct 2023 09:20

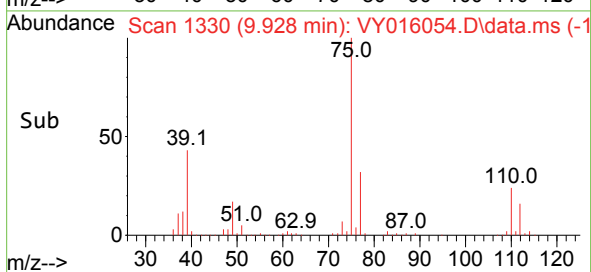
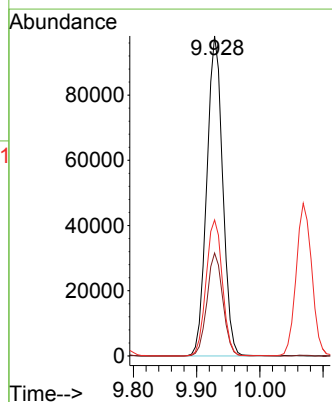
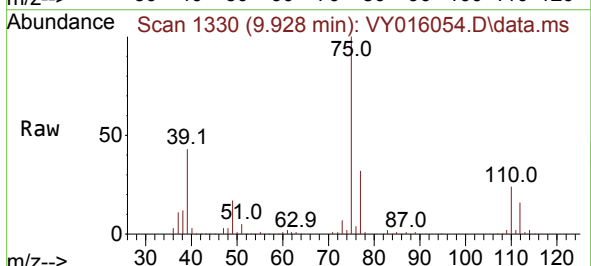
Instrument :
 MSVOA_Y
 ClientSampleId :

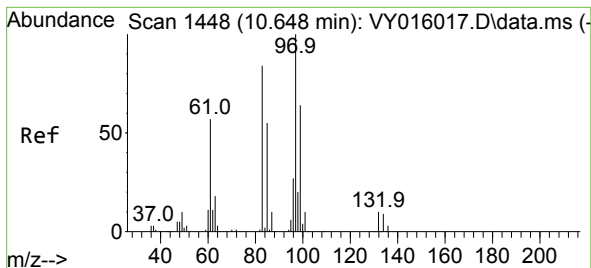
Tgt Ion: 75 Resp: 155168
 Ion Ratio Lower Upper
 75 100
 77 30.2 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 47.726 ug/l
 RT: 9.928 min Scan# 1330
 Delta R.T. -0.000 min
 Lab File: VY016054.D
 Acq: 20 Oct 2023 09:20

Tgt Ion: 75 Resp: 171879
 Ion Ratio Lower Upper
 75 100
 77 32.1 24.2 36.4
 39 42.5 42.2 63.4





#55

1,1,2-Trichloroethane

Concen: 47.570 ug/l

RT: 10.642 min Scan# 1448

Delta R.T. -0.006 min

Lab File: VY016054.D

Acq: 20 Oct 2023 09:20

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 90939

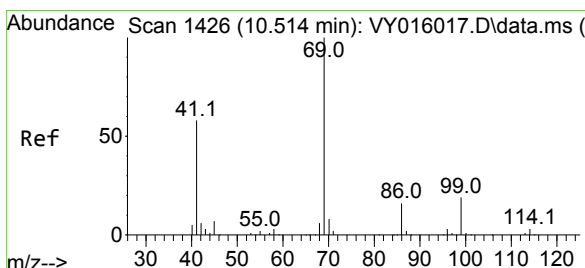
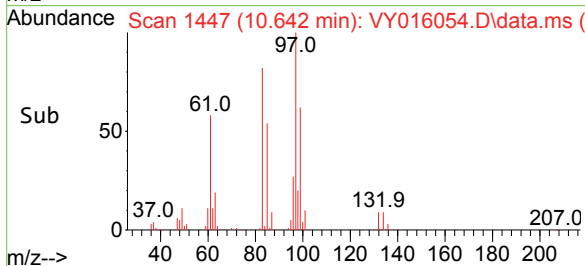
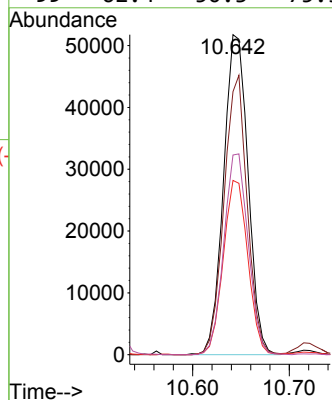
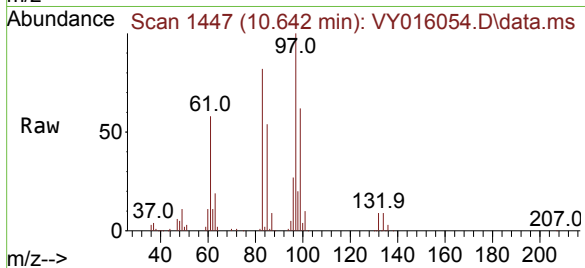
Ion Ratio Lower Upper

97 100

83 82.2 72.0 108.0

85 54.4 45.4 68.0

99 62.4 50.3 75.5



#56

Ethyl methacrylate

Concen: 50.210 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. -0.006 min

Lab File: VY016054.D

Acq: 20 Oct 2023 09:20

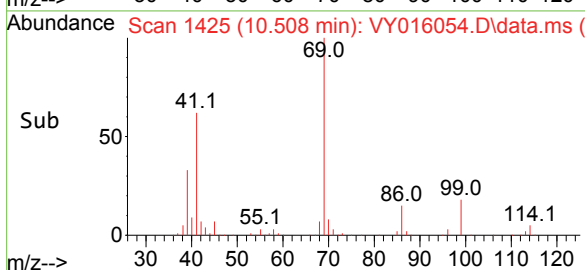
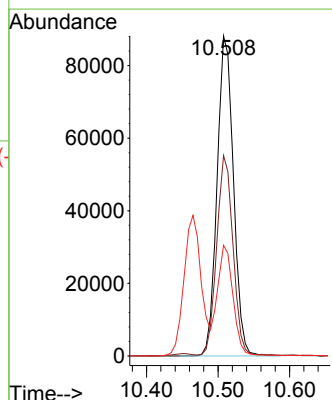
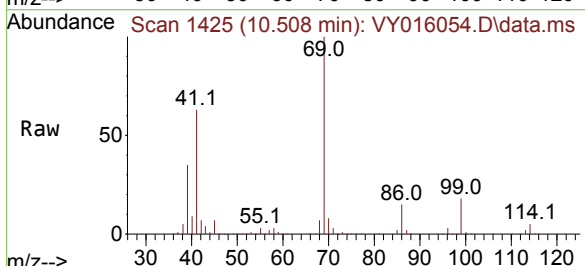
Tgt Ion: 69 Resp: 140276

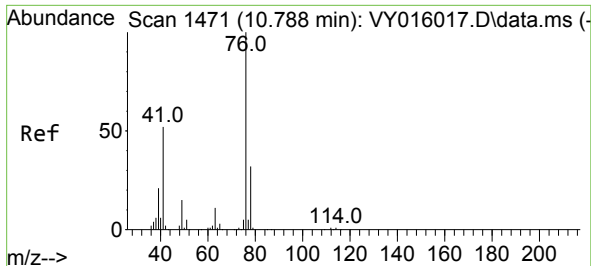
Ion Ratio Lower Upper

69 100

41 61.9 57.6 86.4

39 32.7 34.1 51.1#





#57

1,3-Dichloropropane

Concen: 47.113 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VY016054.D

Acq: 20 Oct 2023 09:20

Instrument :

MSVOA_Y

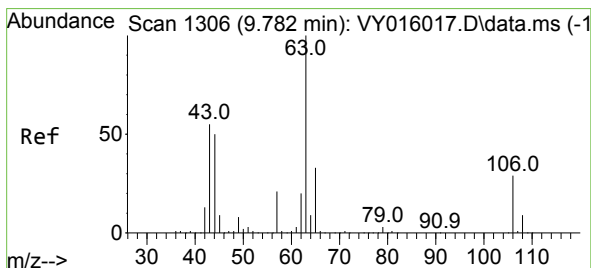
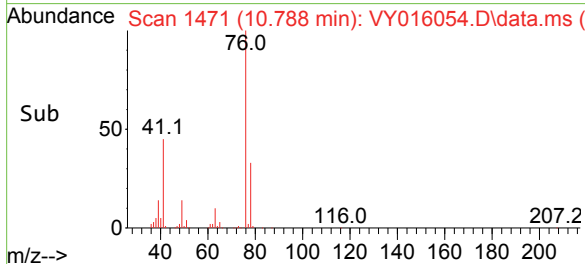
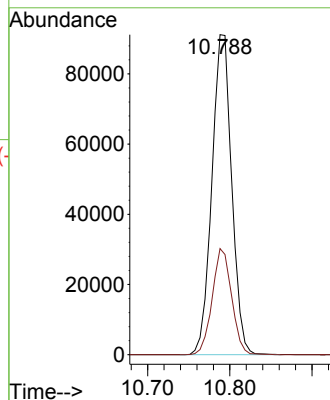
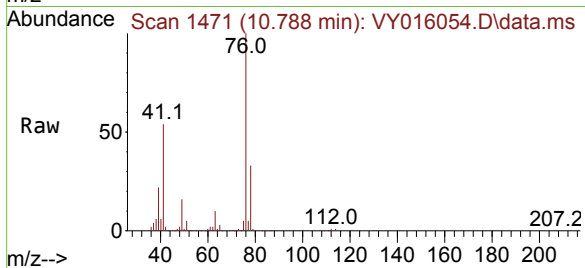
ClientSampleId :

Tgt Ion: 76 Resp: 152792

Ion Ratio Lower Upper

76 100

78 32.4 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 226.492 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. -0.000 min

Lab File: VY016054.D

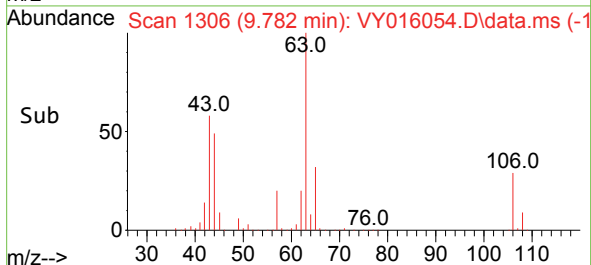
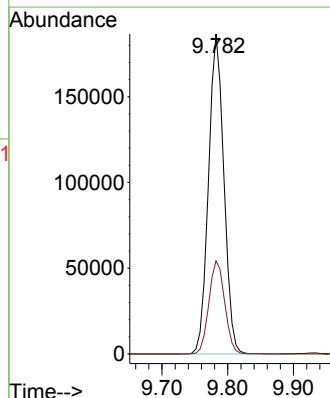
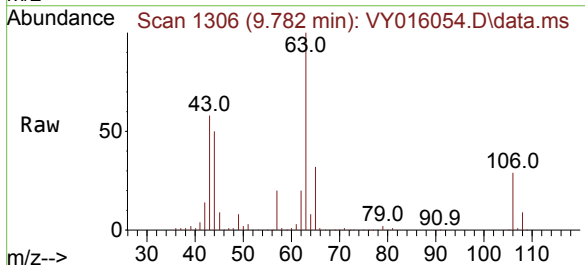
Acq: 20 Oct 2023 09:20

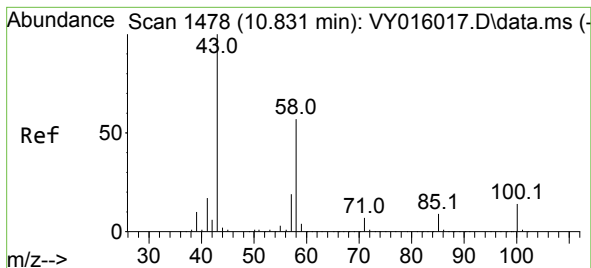
Tgt Ion: 63 Resp: 303937

Ion Ratio Lower Upper

63 100

106 29.9 21.2 31.8

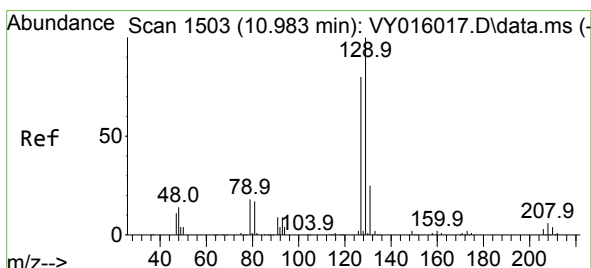
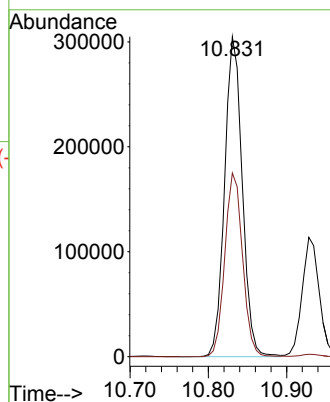
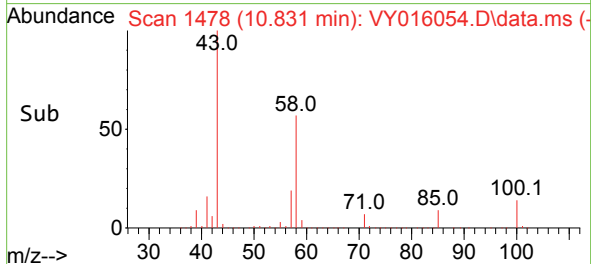
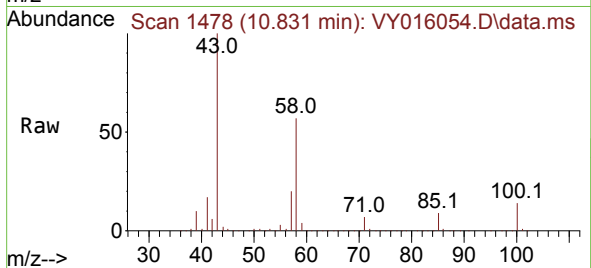




#59
2-Hexanone
Concen: 291.867 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY016054.D
Acq: 20 Oct 2023 09:20

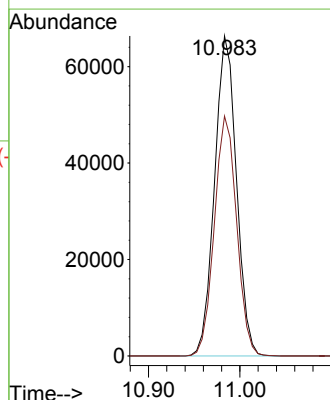
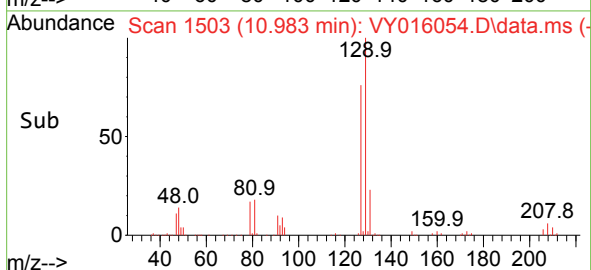
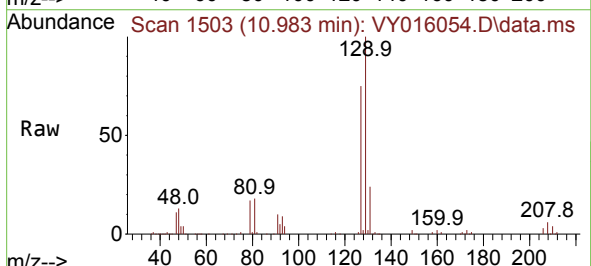
Instrument :
MSVOA_Y
ClientSampleId :

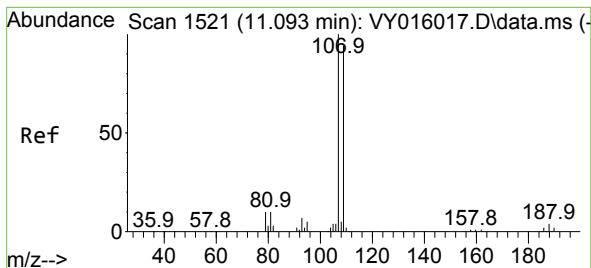
Tgt Ion: 43 Resp: 478226
Ion Ratio Lower Upper
43 100
58 57.7 25.1 75.3



#60
Dibromochloromethane
Concen: 47.758 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY016054.D
Acq: 20 Oct 2023 09:20

Tgt Ion: 129 Resp: 110414
Ion Ratio Lower Upper
129 100
127 76.3 38.5 115.5

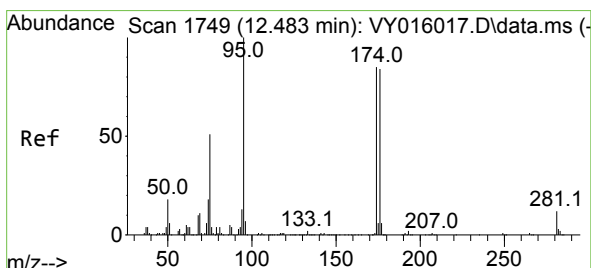
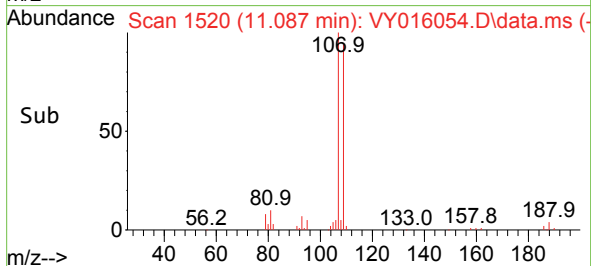
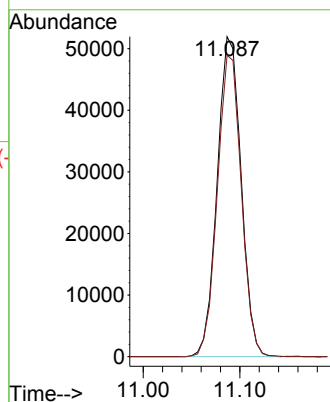
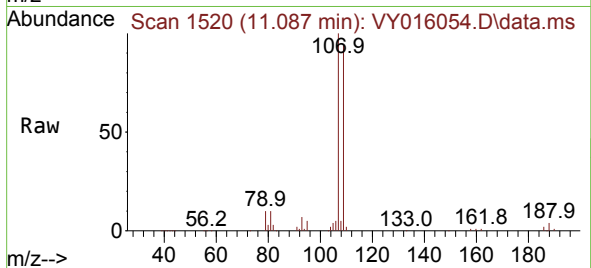




#61
 1,2-Dibromoethane
 Concen: 45.738 ug/l
 RT: 11.087 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VY016054.D
 Acq: 20 Oct 2023 09:20

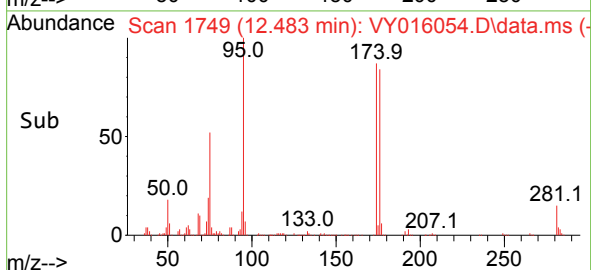
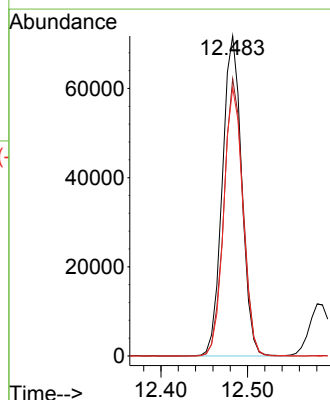
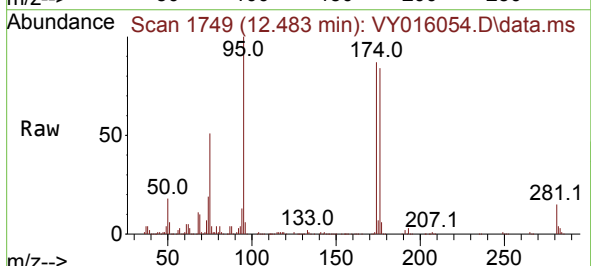
Instrument :
 MSVOA_Y
 ClientSampleId :

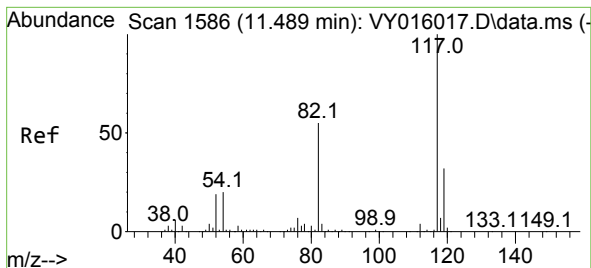
Tgt Ion:107 Resp: 88985
 Ion Ratio Lower Upper
 107 100
 109 94.3 75.6 113.4



#62
 4-Bromofluorobenzene
 Concen: 43.442 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.000 min
 Lab File: VY016054.D
 Acq: 20 Oct 2023 09:20

Tgt Ion: 95 Resp: 111193
 Ion Ratio Lower Upper
 95 100
 174 85.6 0.0 178.2
 176 83.1 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY016054.D

Acq: 20 Oct 2023 09:20

Instrument :

MSVOA_Y

ClientSampleId :

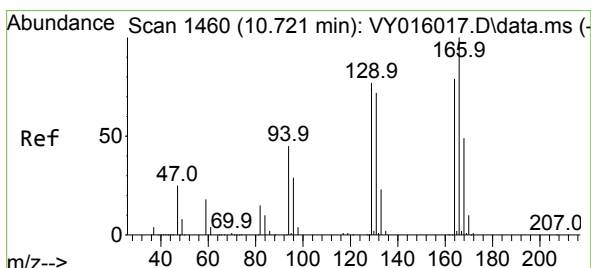
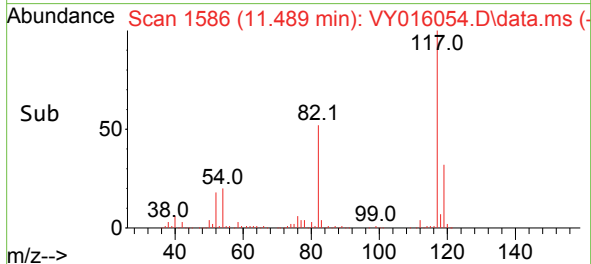
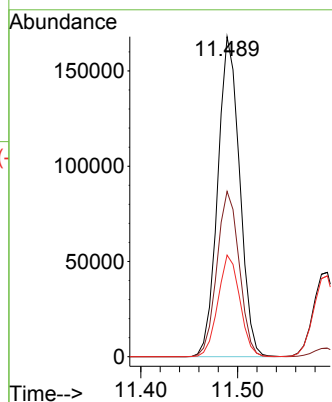
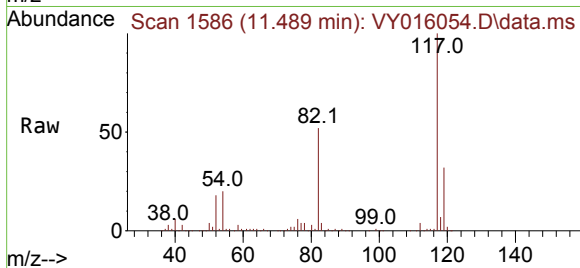
Tgt Ion:117 Resp: 263851

Ion Ratio Lower Upper

117 100

82 51.7 43.4 65.0

119 31.8 26.3 39.5



#64

Tetrachloroethene

Concen: 59.411 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. -0.000 min

Lab File: VY016054.D

Acq: 20 Oct 2023 09:20

Tgt Ion:164 Resp: 121552

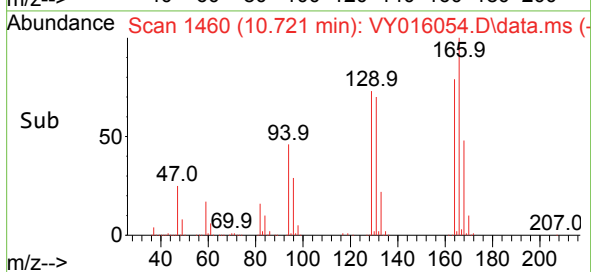
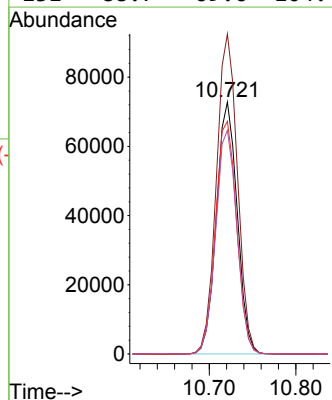
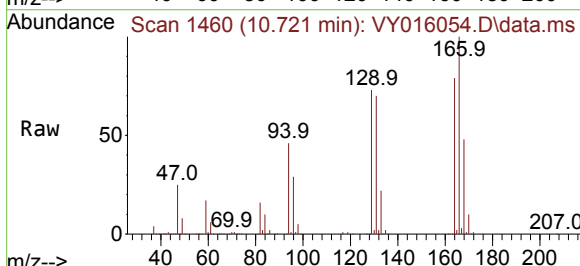
Ion Ratio Lower Upper

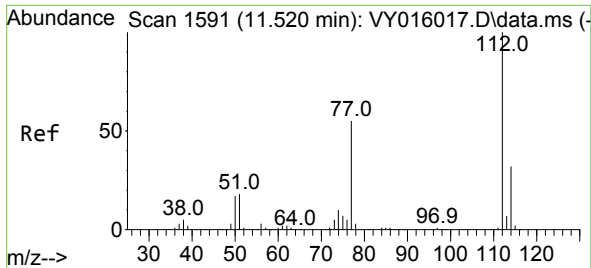
164 100

166 126.9 103.0 154.6

129 92.3 77.2 115.8

131 88.7 69.6 104.4

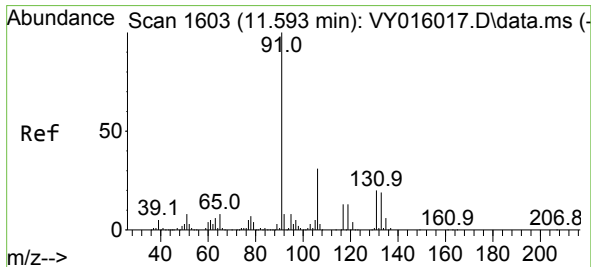
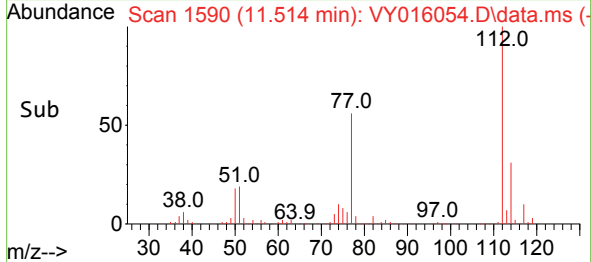
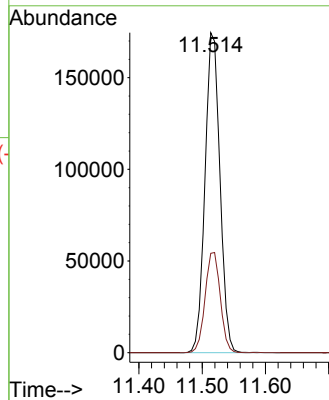
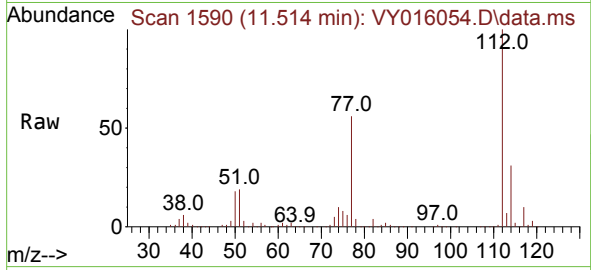




#65
Chlorobenzene
Concen: 50.190 ug/l
RT: 11.514 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016054.D
Acq: 20 Oct 2023 09:20

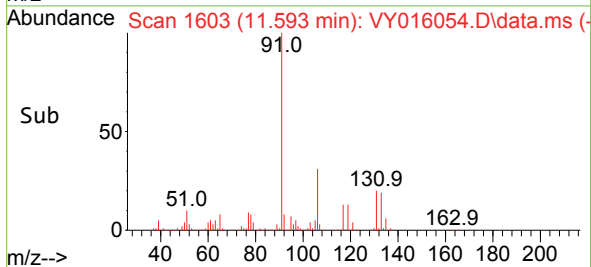
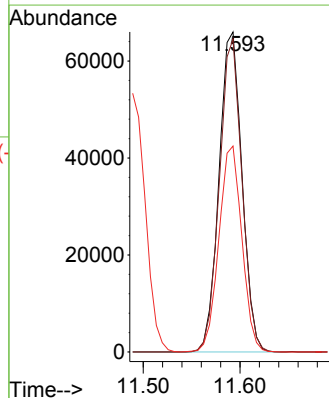
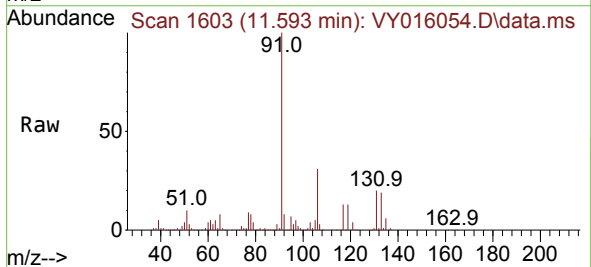
Instrument :
MSVOA_Y
ClientSampleId :

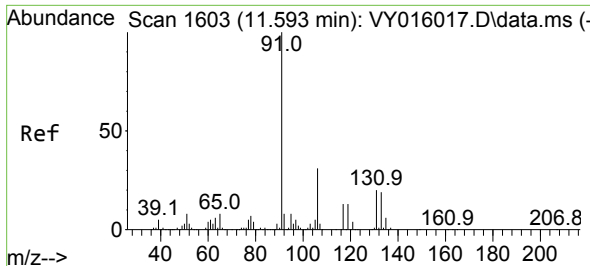
Tgt Ion:112 Resp: 286794
Ion Ratio Lower Upper
112 100
114 31.1 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 50.372 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY016054.D
Acq: 20 Oct 2023 09:20

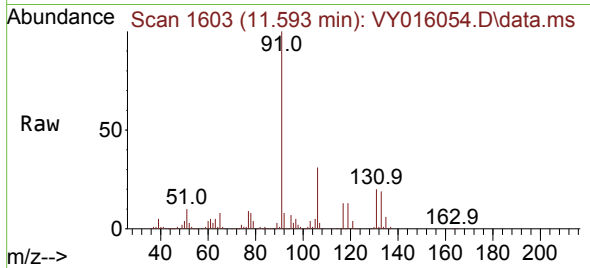
Tgt Ion:131 Resp: 108491
Ion Ratio Lower Upper
131 100
133 96.1 47.5 142.6
119 64.6 31.6 94.7



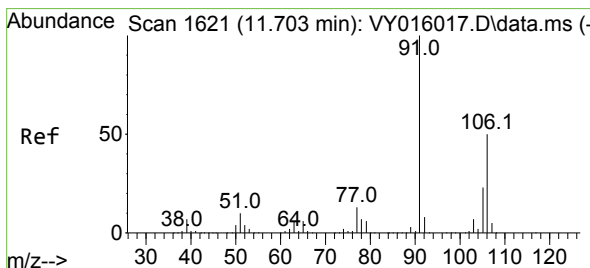
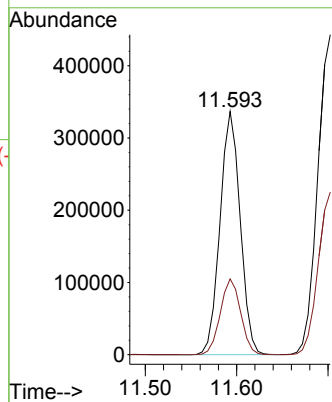
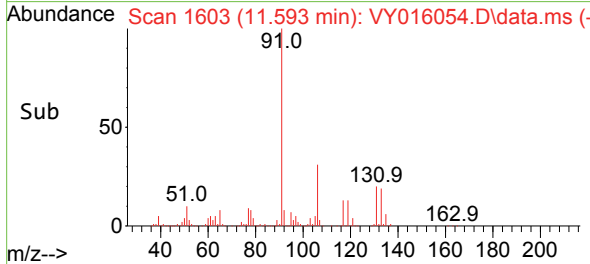


#67
Ethyl Benzene
Concen: 51.141 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY016054.D
Acq: 20 Oct 2023 09:20

Instrument :
MSVOA_Y
ClientSampleId :

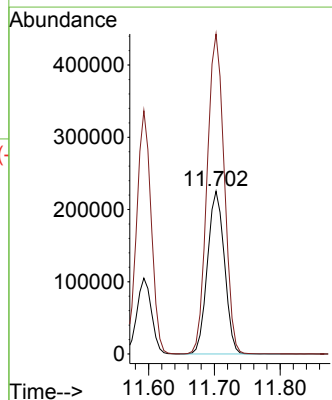
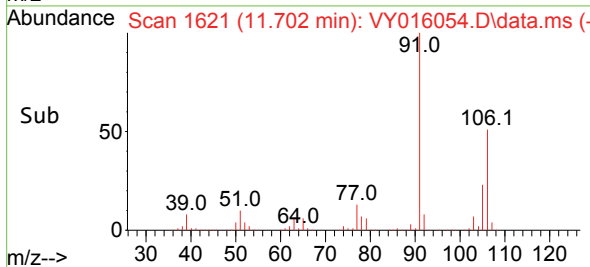
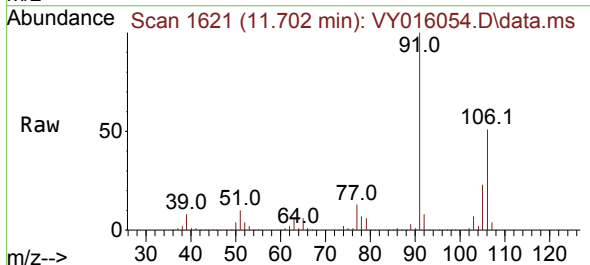


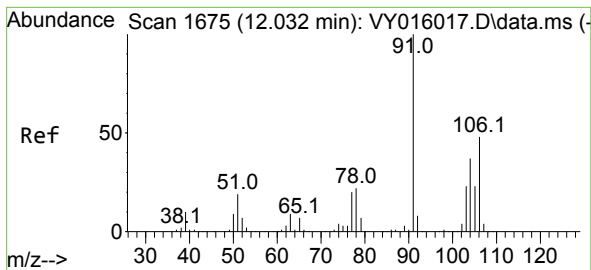
Tgt Ion: 91 Resp: 517113
Ion Ratio Lower Upper
91 100
106 31.2 24.6 36.8



#68
m/p-Xylenes
Concen: 102.519 ug/l
RT: 11.702 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY016054.D
Acq: 20 Oct 2023 09:20

Tgt Ion:106 Resp: 404225
Ion Ratio Lower Upper
106 100
91 198.5 166.1 249.1





#69

o-Xylene

Concen: 50.379 ug/l

RT: 12.032 min Scan# 1675

Delta R.T. -0.000 min

Lab File: VY016054.D

Acq: 20 Oct 2023 09:20

Instrument :

MSVOA_Y

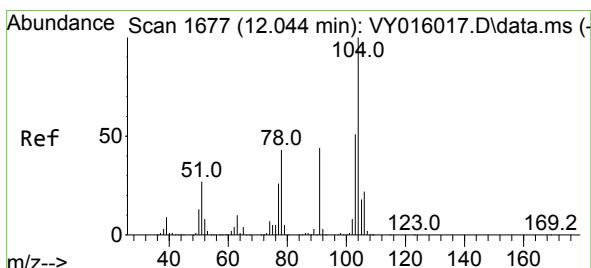
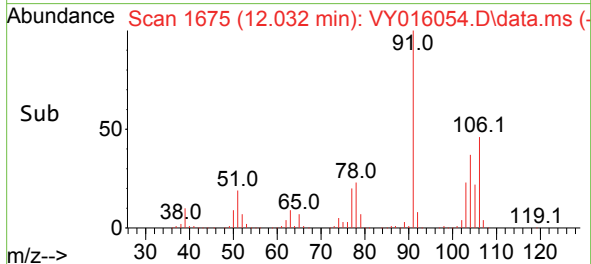
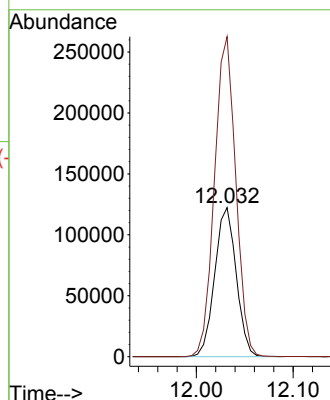
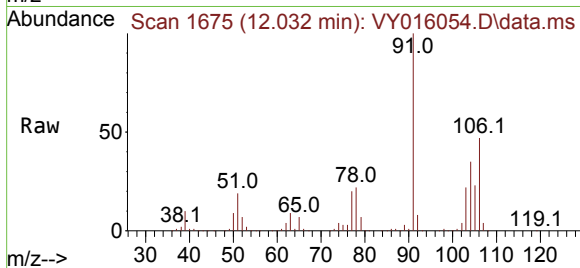
ClientSampleId :

Tgt Ion:106 Resp: 188973

Ion Ratio Lower Upper

106 100

91 212.9 108.1 324.3



#70

Styrene

Concen: 50.610 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. -0.000 min

Lab File: VY016054.D

Acq: 20 Oct 2023 09:20

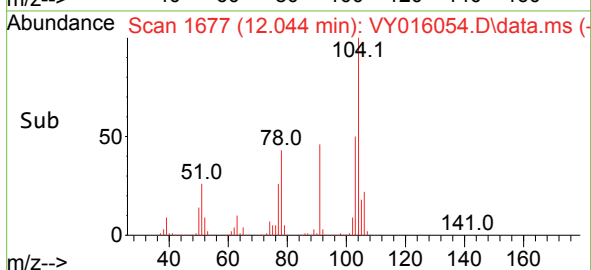
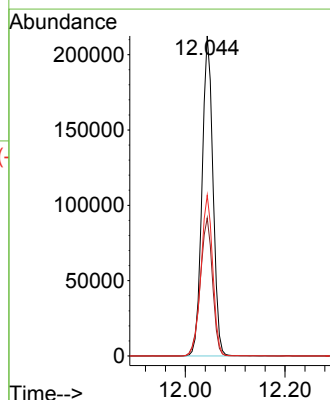
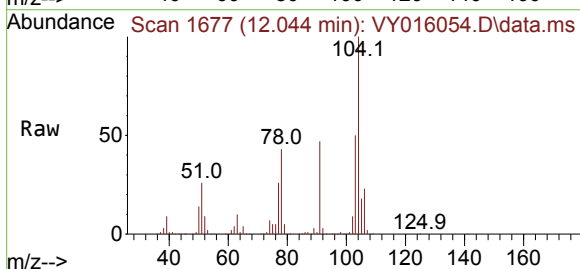
Tgt Ion:104 Resp: 323555

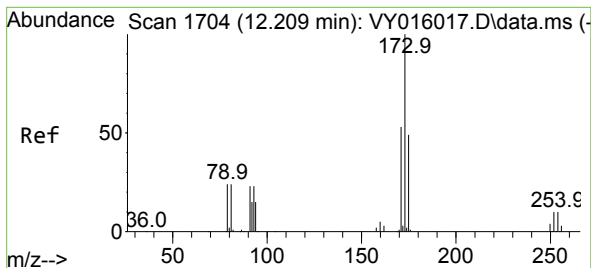
Ion Ratio Lower Upper

104 100

78 47.9 41.5 62.3

103 54.1 44.6 67.0





#71

Bromoform

Concen: 49.783 ug/l

RT: 12.209 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY016054.D

Acq: 20 Oct 2023 09:20

Instrument :

MSVOA_Y

ClientSampleId :

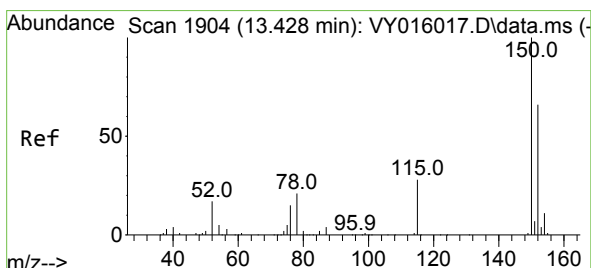
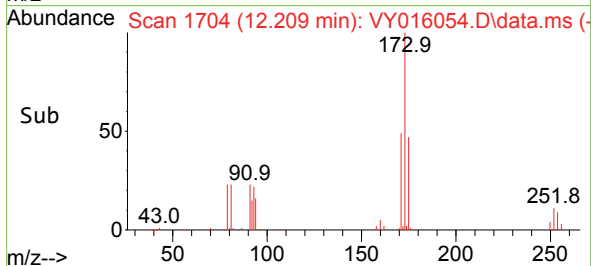
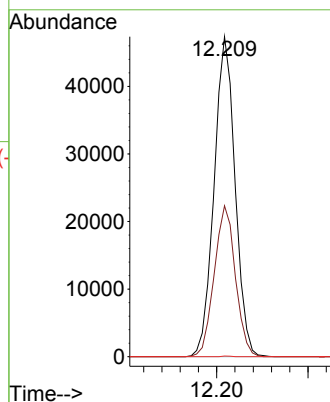
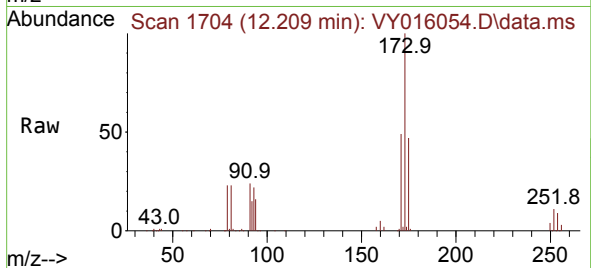
Tgt Ion:173 Resp: 75447

Ion Ratio Lower Upper

173 100

175 47.5 24.6 73.8

254 0.1 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VY016054.D

Acq: 20 Oct 2023 09:20

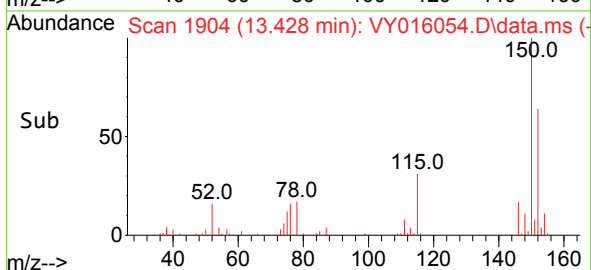
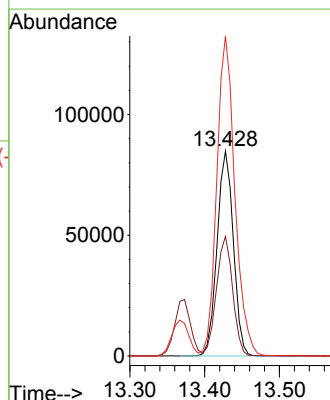
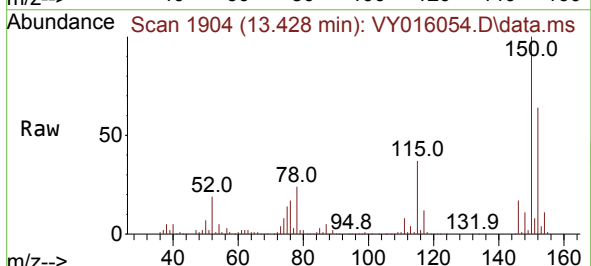
Tgt Ion:152 Resp: 128422

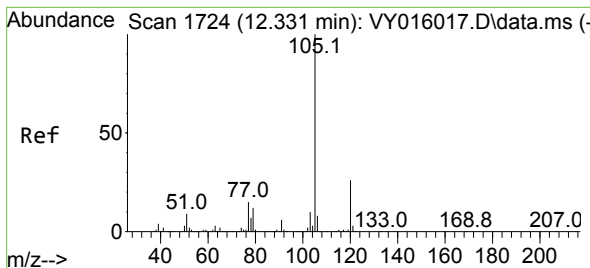
Ion Ratio Lower Upper

152 100

115 57.8 28.8 86.5

150 173.4 0.0 348.8





#73

Isopropylbenzene

Concen: 52.719 ug/l

RT: 12.330 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY016054.D

Acq: 20 Oct 2023 09:20

Instrument :

MSVOA_Y

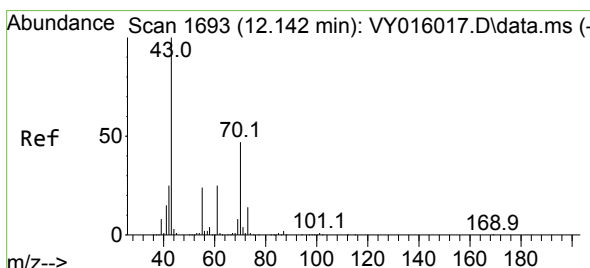
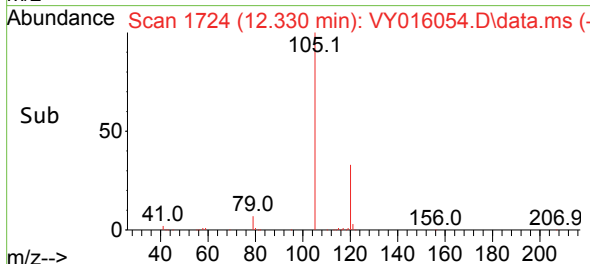
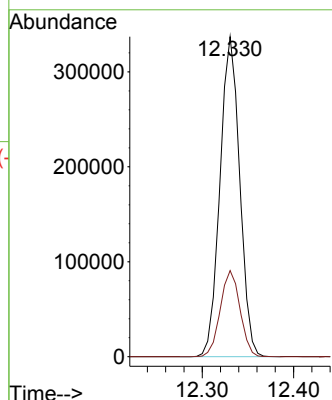
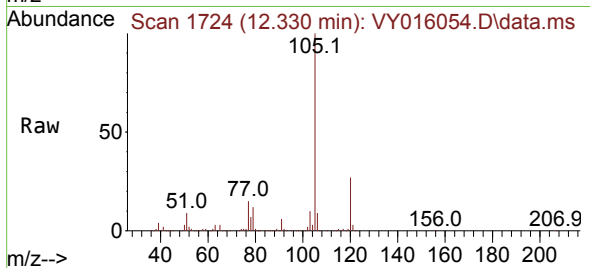
ClientSampleId :

Tgt Ion:105 Resp: 506442

Ion Ratio Lower Upper

105 100

120 26.9 13.3 39.9



#74

N-ethyl acetate

Concen: 54.786 ug/l

RT: 12.141 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY016054.D

Acq: 20 Oct 2023 09:20

Tgt Ion: 43 Resp: 166233

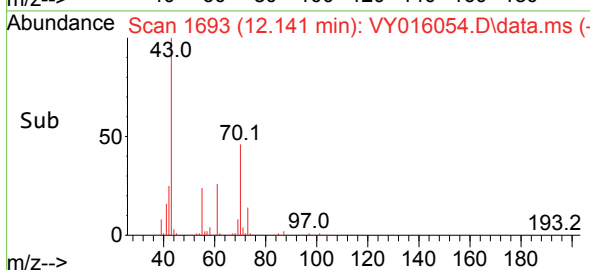
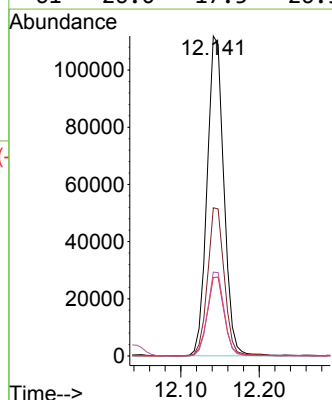
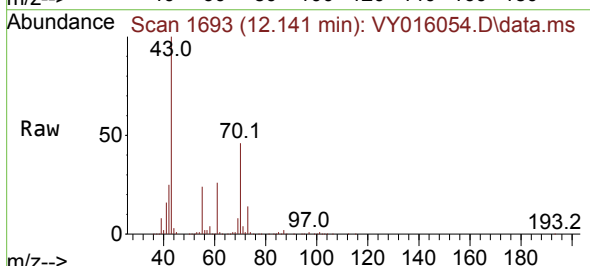
Ion Ratio Lower Upper

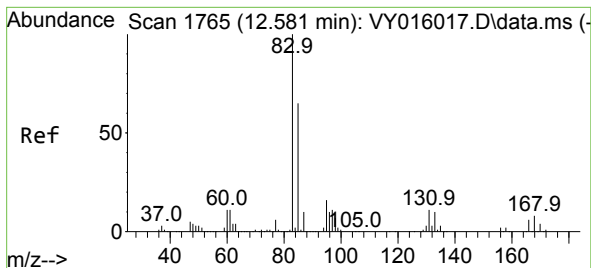
43 100

70 46.3 29.7 44.5#

55 25.4 18.3 27.5

61 26.0 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 47.077 ug/l

RT: 12.580 min Scan# 1765

Delta R.T. -0.000 min

Lab File: VY016054.D

Acq: 20 Oct 2023 09:20

Instrument :

MSVOA_Y

ClientSampleId :

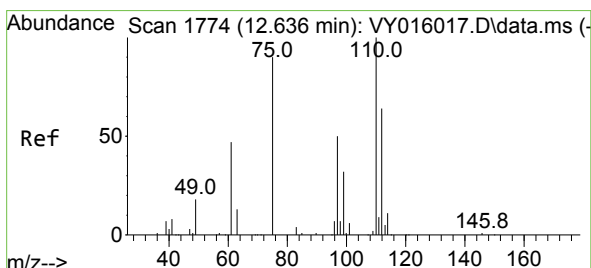
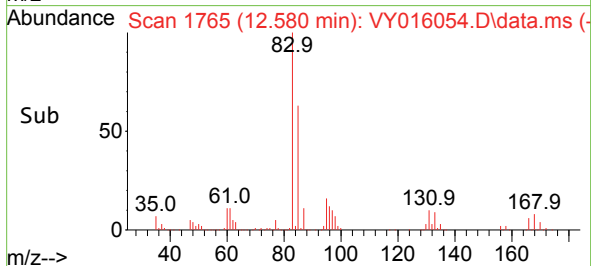
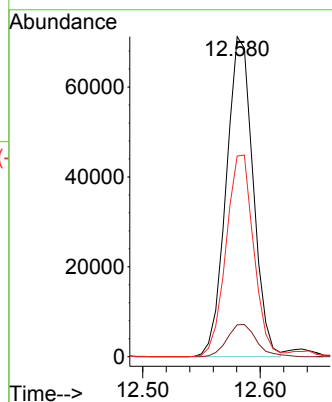
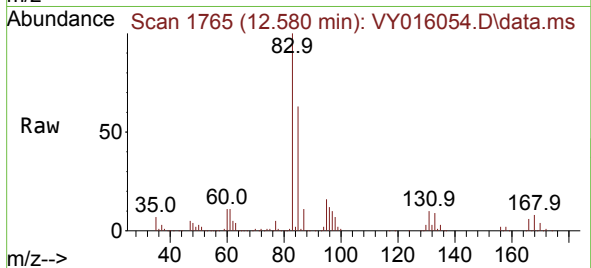
Tgt Ion: 83 Resp: 113270

Ion Ratio Lower Upper

83 100

131 11.0 5.4 16.2

85 65.1 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 85.150 ug/l

RT: 12.635 min Scan# 1774

Delta R.T. -0.000 min

Lab File: VY016054.D

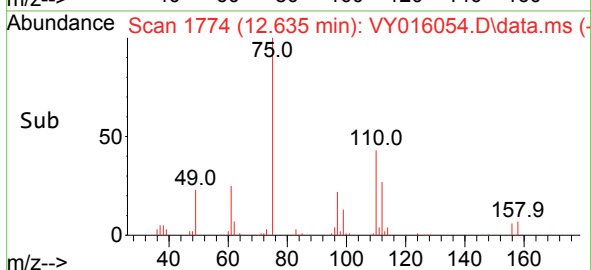
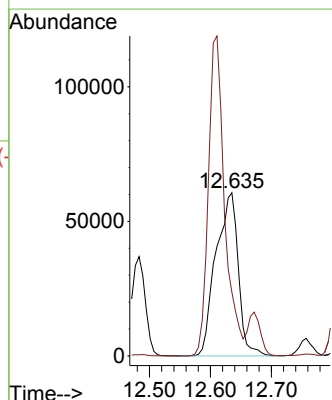
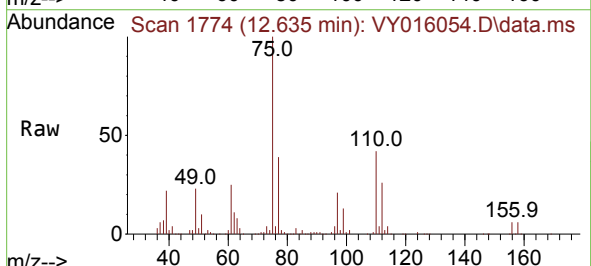
Acq: 20 Oct 2023 09:20

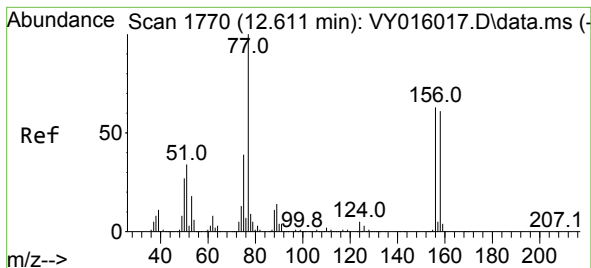
Tgt Ion: 75 Resp: 154830

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 50.383 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. -0.000 min

Lab File: VY016054.D

Acq: 20 Oct 2023 09:20

Instrument :

MSVOA_Y

ClientSampleId :

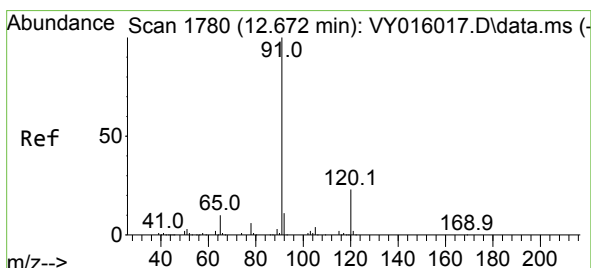
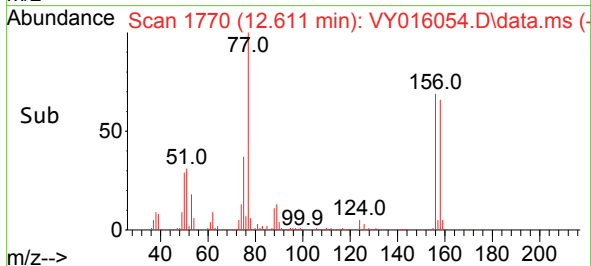
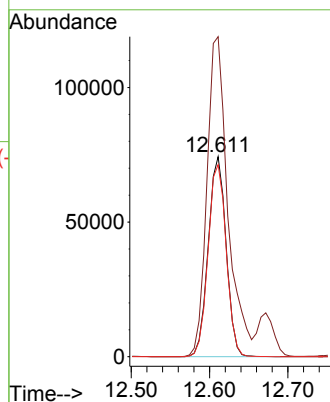
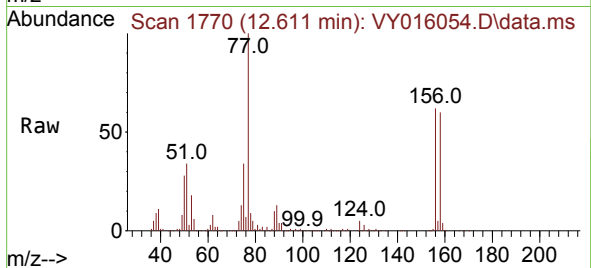
Tgt Ion:156 Resp: 117476

Ion Ratio Lower Upper

156 100

77 187.6 92.8 278.6

158 97.4 48.4 145.3



#78

n-propylbenzene

Concen: 52.837 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. -0.000 min

Lab File: VY016054.D

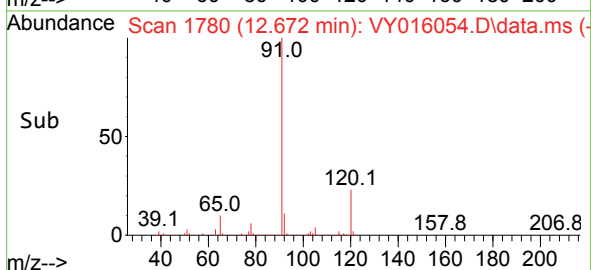
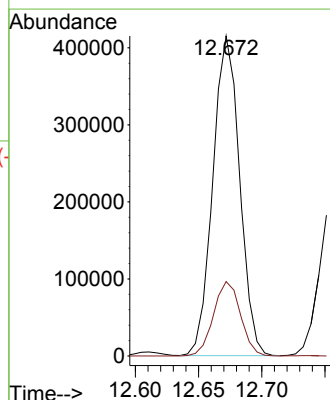
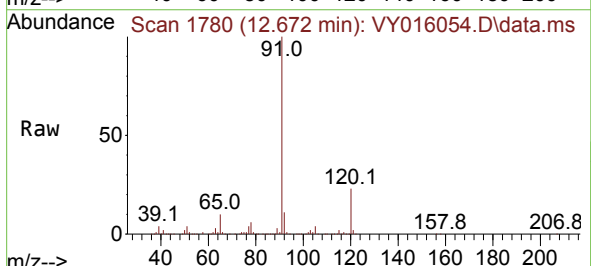
Acq: 20 Oct 2023 09:20

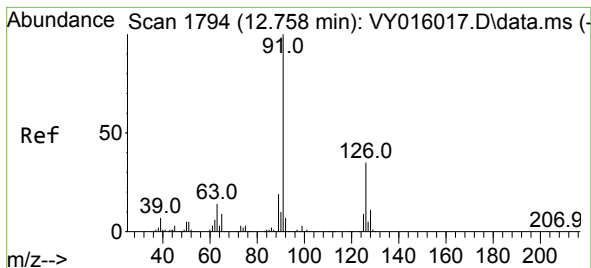
Tgt Ion: 91 Resp: 611366

Ion Ratio Lower Upper

91 100

120 23.4 11.5 34.4

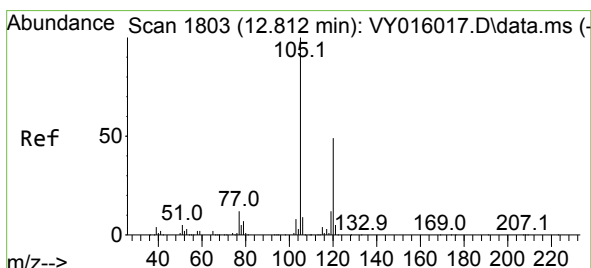
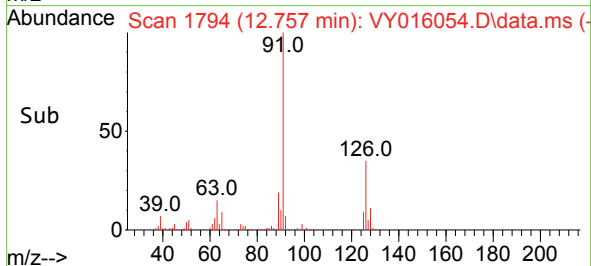
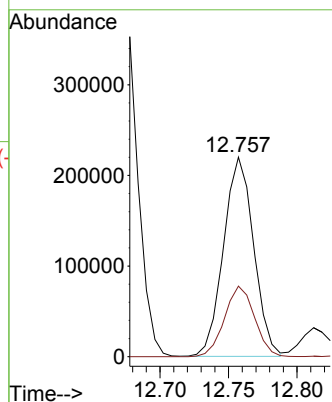
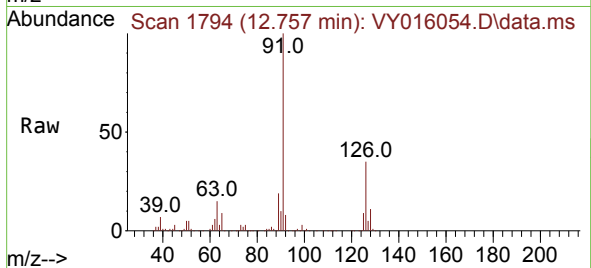




#79
2-Chlorotoluene
Concen: 51.922 ug/l
RT: 12.757 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016054.D
Acq: 20 Oct 2023 09:20

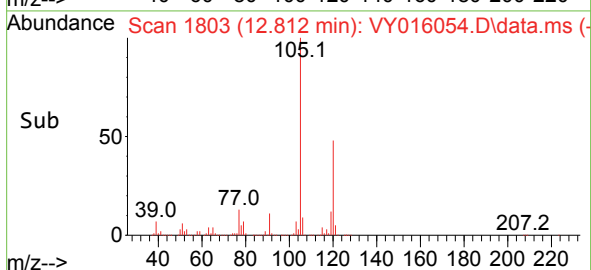
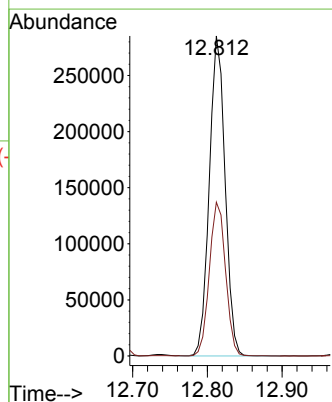
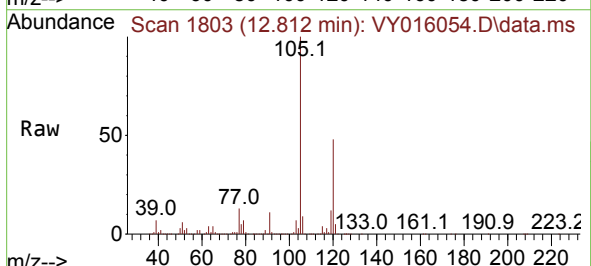
Instrument :
MSVOA_Y
ClientSampleId :

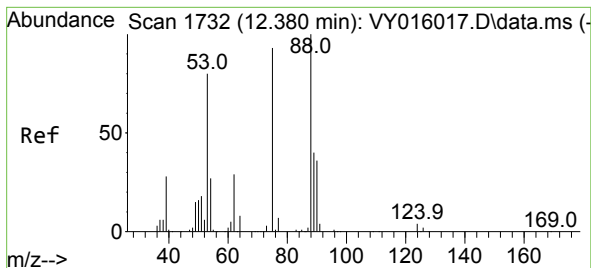
Tgt Ion: 91 Resp: 337214
Ion Ratio Lower Upper
91 100
126 35.3 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 52.550 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY016054.D
Acq: 20 Oct 2023 09:20

Tgt Ion: 105 Resp: 418141
Ion Ratio Lower Upper
105 100
120 49.3 23.9 71.7

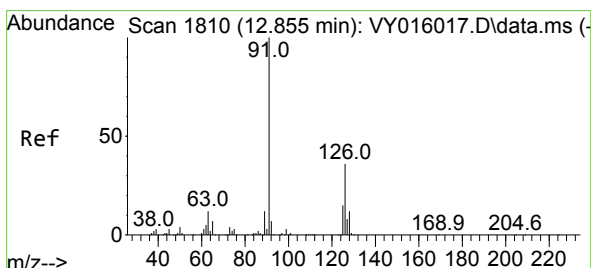
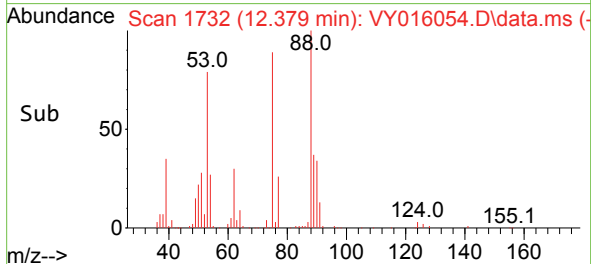
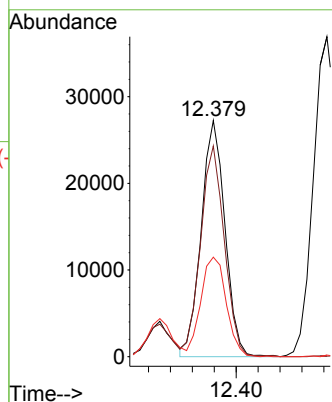
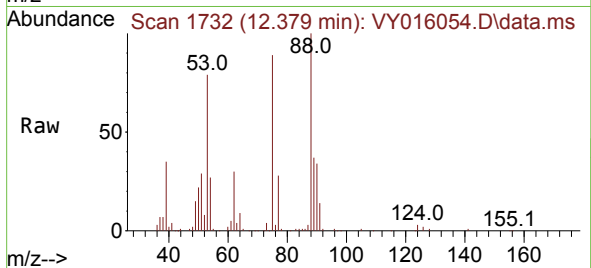




#81
trans-1,4-Dichloro-2-butene
Concen: 49.315 ug/l
RT: 12.379 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016054.D
Acq: 20 Oct 2023 09:20

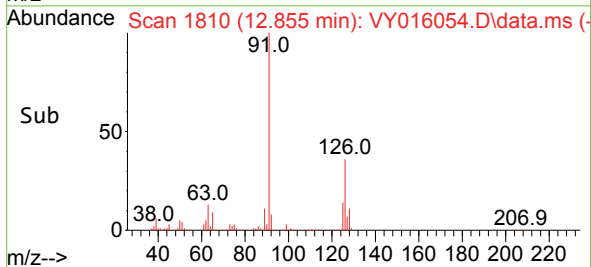
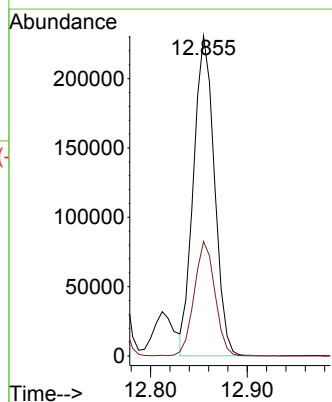
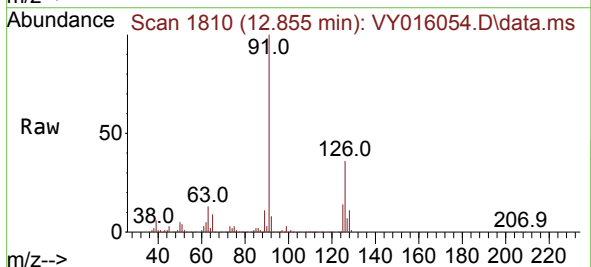
Instrument :
MSVOA_Y
ClientSampleId :

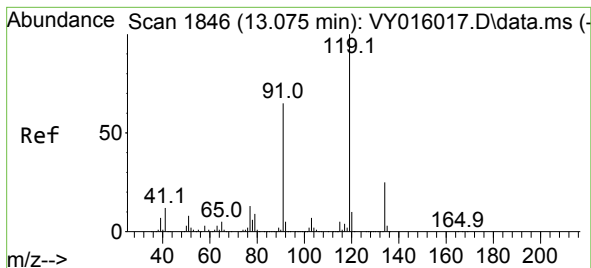
Tgt Ion: 75 Resp: 41079
Ion Ratio Lower Upper
75 100
53 89.6 77.8 116.8
89 44.9 37.4 56.0



#82
4-Chlorotoluene
Concen: 51.000 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY016054.D
Acq: 20 Oct 2023 09:20

Tgt Ion: 91 Resp: 345687
Ion Ratio Lower Upper
91 100
126 35.7 17.2 51.6





#83

tert-Butylbenzene

Concen: 52.517 ug/l

RT: 13.074 min Scan# 119

Delta R.T. -0.000 min

Lab File: VY016054.D

Acq: 20 Oct 2023 09:20

Instrument :

MSVOA_Y

ClientSampleId :

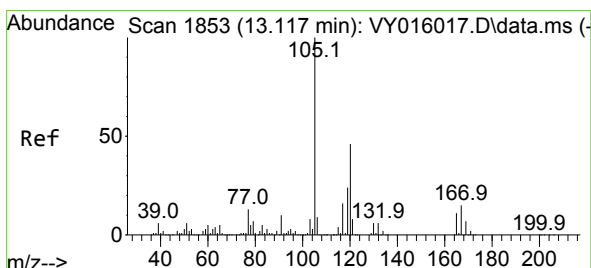
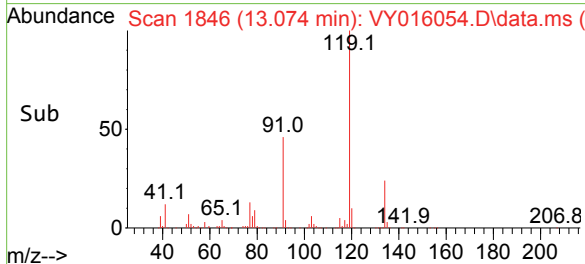
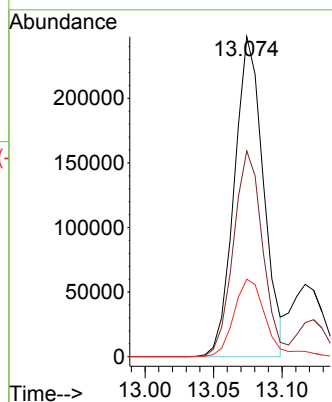
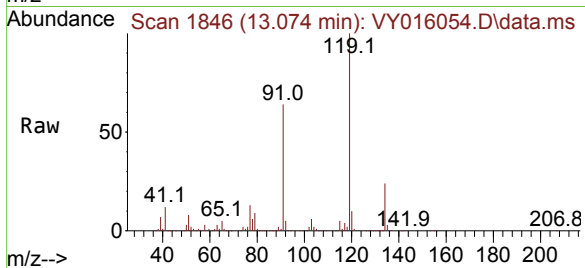
Tgt Ion:119 Resp: 366424

Ion Ratio Lower Upper

119 100

91 64.9 32.9 98.6

134 26.7 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 51.811 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.006 min

Lab File: VY016054.D

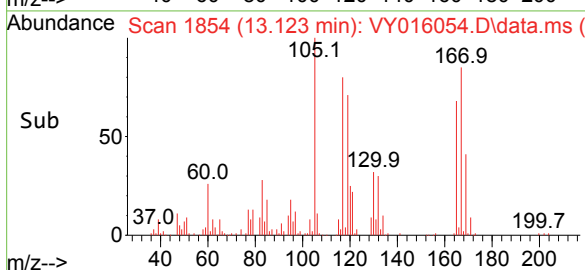
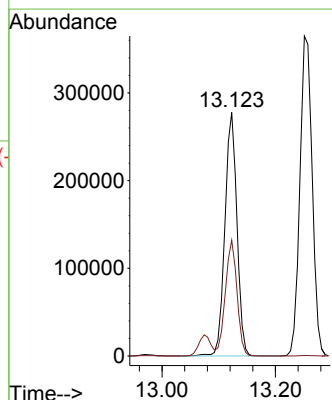
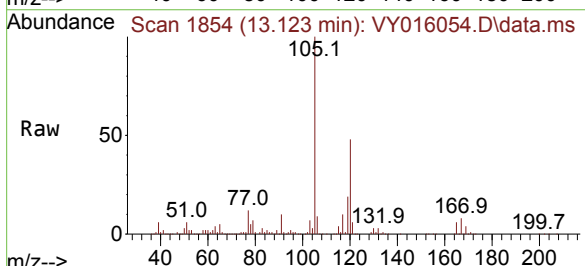
Acq: 20 Oct 2023 09:20

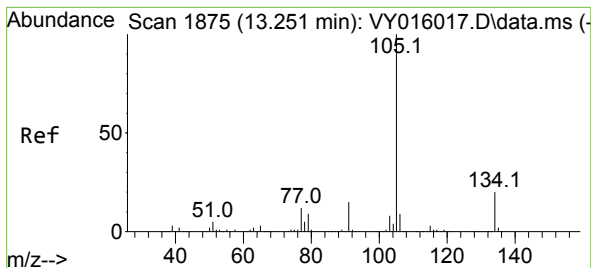
Tgt Ion:105 Resp: 409382

Ion Ratio Lower Upper

105 100

120 46.1 22.2 66.6





#85

sec-Butylbenzene

Concen: 52.696 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VY016054.D

Acq: 20 Oct 2023 09:20

Instrument :

MSVOA_Y

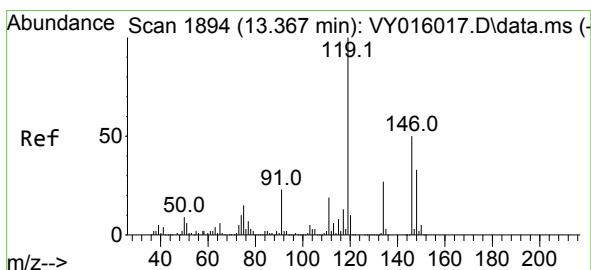
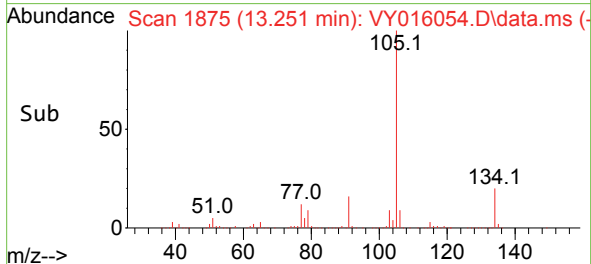
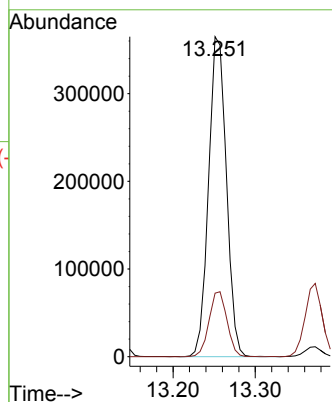
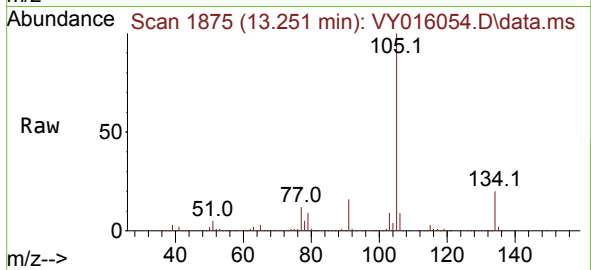
ClientSampleId :

Tgt Ion:105 Resp: 549124

Ion Ratio Lower Upper

105 100

134 20.5 10.2 30.6



#86

p-Isopropyltoluene

Concen: 52.415 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.006 min

Lab File: VY016054.D

Acq: 20 Oct 2023 09:20

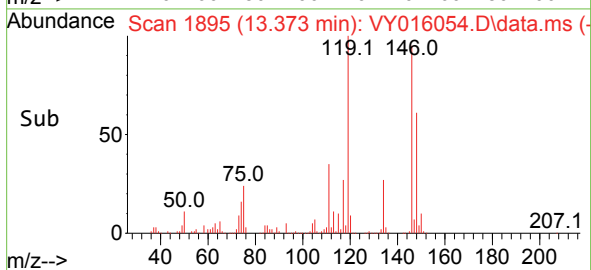
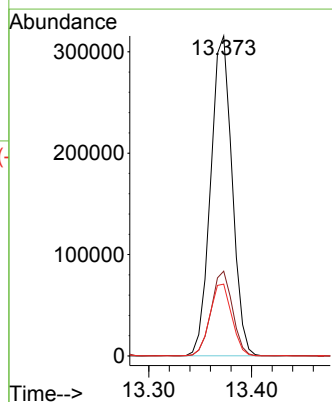
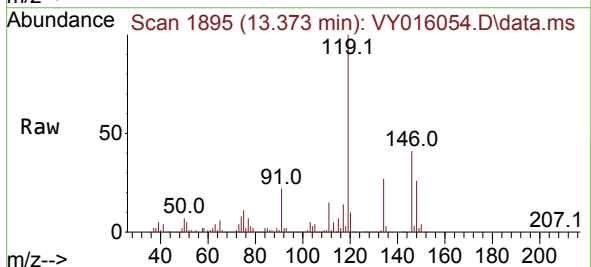
Tgt Ion:119 Resp: 456447

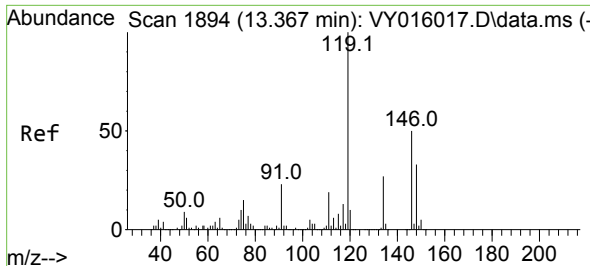
Ion Ratio Lower Upper

119 100

134 26.5 13.3 39.8

91 23.0 12.4 37.4

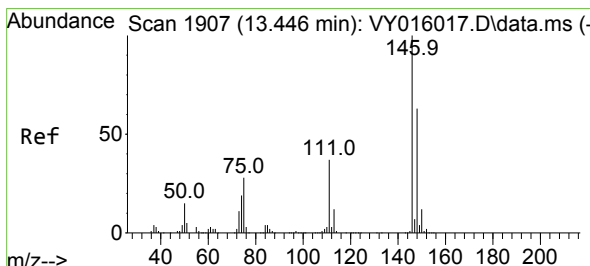
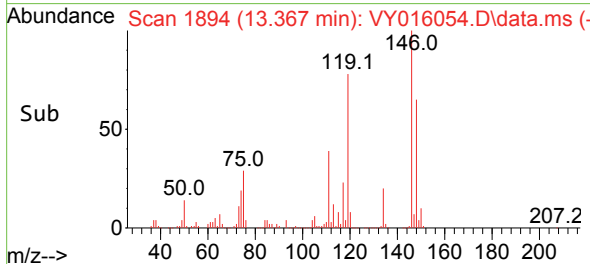
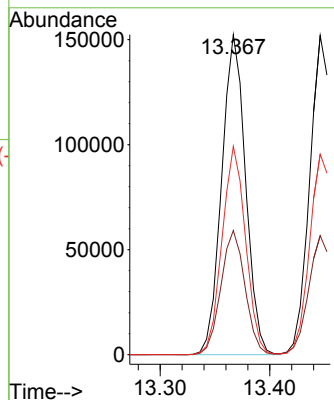
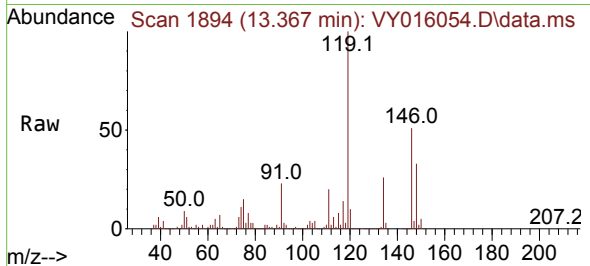




#87
1,3-Dichlorobenzene
Concen: 50.829 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VY016054.D
Acq: 20 Oct 2023 09:20

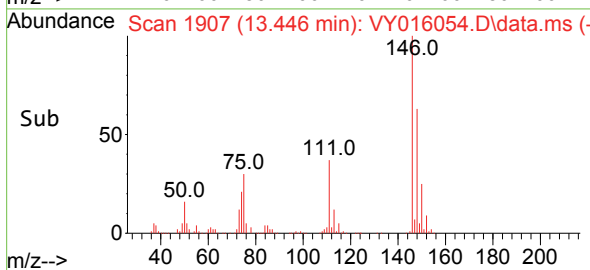
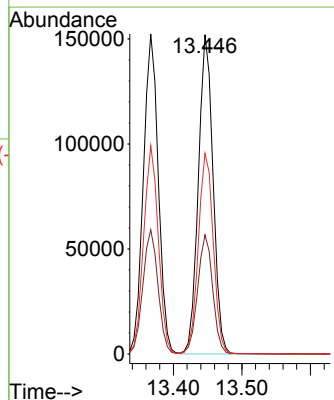
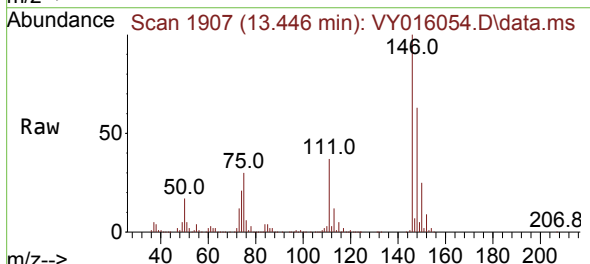
Instrument :
MSVOA_Y
ClientSampleId :

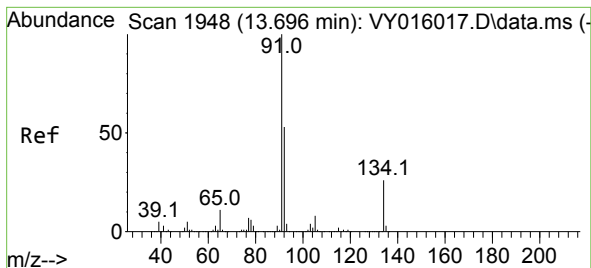
Tgt Ion:146 Resp: 230597
Ion Ratio Lower Upper
146 100
111 39.1 19.4 58.2
148 64.2 31.9 95.5



#88
1,4-Dichlorobenzene
Concen: 49.808 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY016054.D
Acq: 20 Oct 2023 09:20

Tgt Ion:146 Resp: 227510
Ion Ratio Lower Upper
146 100
111 37.9 18.9 56.7
148 64.1 32.1 96.5





#89

n-Butylbenzene

Concen: 51.444 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. -0.000 min

Lab File: VY016054.D

Acq: 20 Oct 2023 09:20

Instrument :

MSVOA_Y

ClientSampleId :

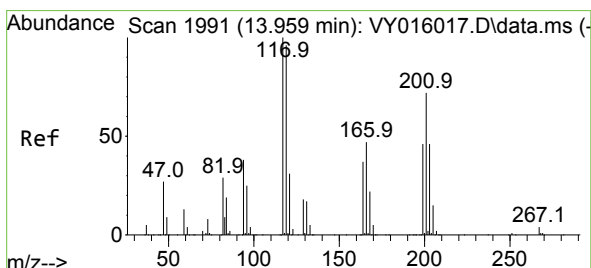
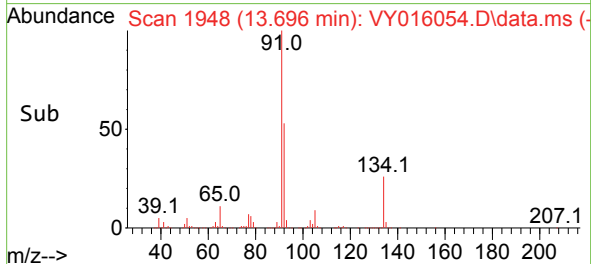
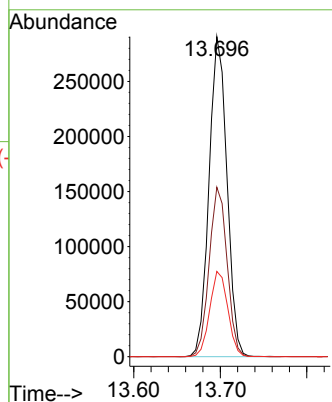
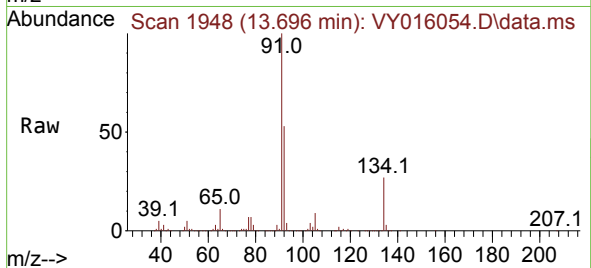
Tgt Ion: 91 Resp: 417050

Ion Ratio Lower Upper

91 100

92 53.1 25.4 76.0

134 26.9 12.6 37.6



#90

Hexachloroethane

Concen: 50.839 ug/l

RT: 13.964 min Scan# 1992

Delta R.T. 0.006 min

Lab File: VY016054.D

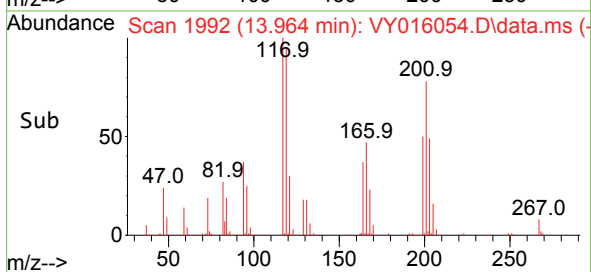
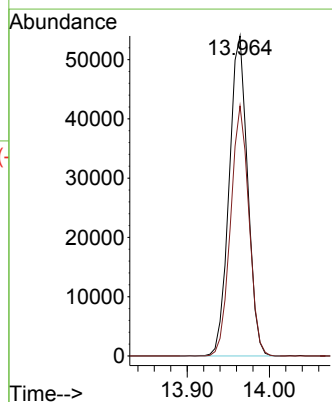
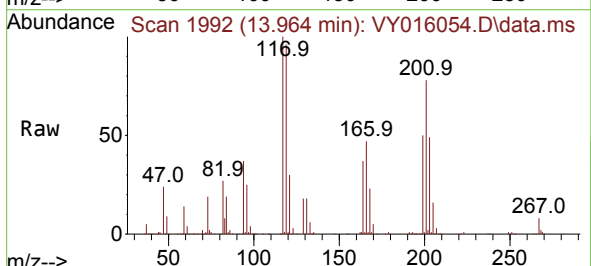
Acq: 20 Oct 2023 09:20

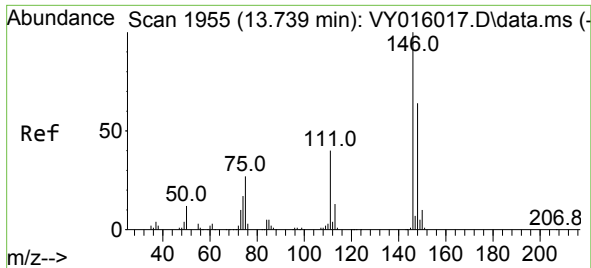
Tgt Ion: 117 Resp: 84395

Ion Ratio Lower Upper

117 100

201 77.5 41.6 124.8

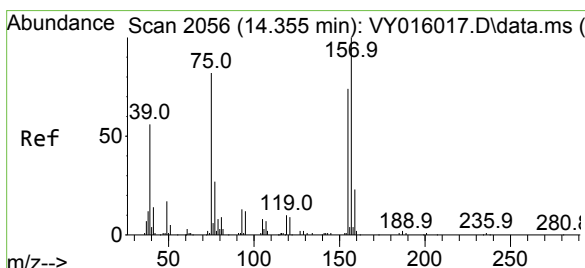
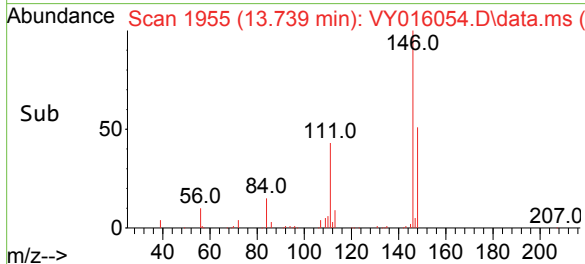
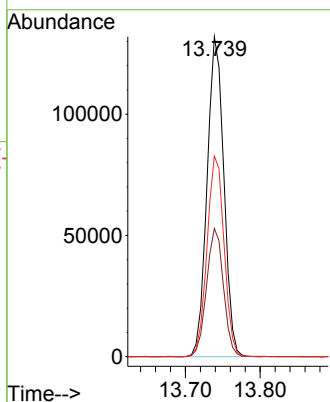
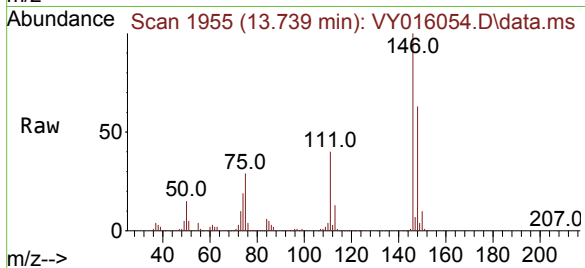




#91
1,2-Dichlorobenzene
Concen: 49.313 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. -0.000 min
Lab File: VY016054.D
Acq: 20 Oct 2023 09:20

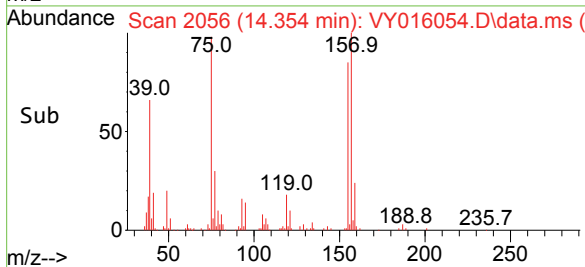
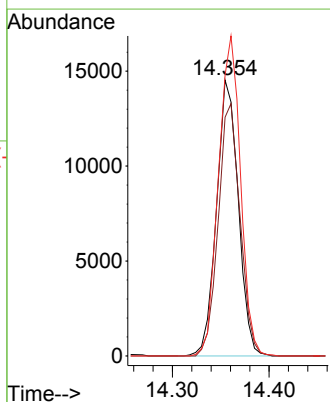
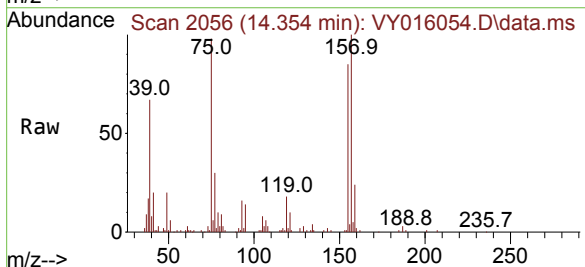
Instrument :
MSVOA_Y
ClientSampleId :

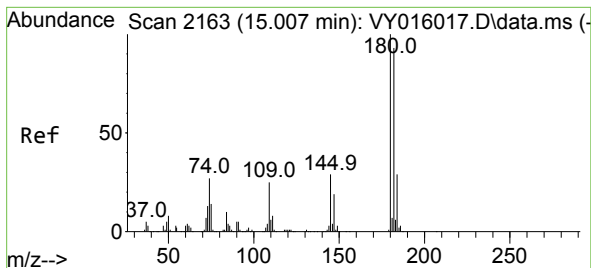
Tgt Ion:146 Resp: 205404
Ion Ratio Lower Upper
146 100
111 40.3 19.7 59.0
148 63.8 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 49.474 ug/l
RT: 14.354 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY016054.D
Acq: 20 Oct 2023 09:20

Tgt Ion: 75 Resp: 22659
Ion Ratio Lower Upper
75 100
155 91.8 41.5 124.6
157 117.6 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 45.937 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.000 min

Lab File: VY016054.D

Acq: 20 Oct 2023 09:20

Instrument :

MSVOA_Y

ClientSampleId :

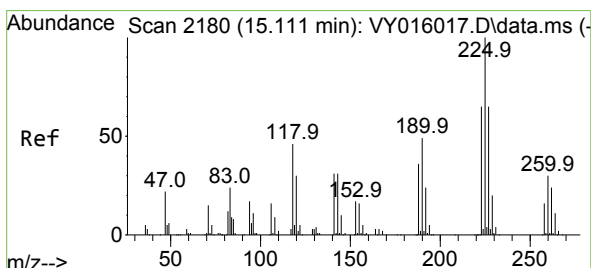
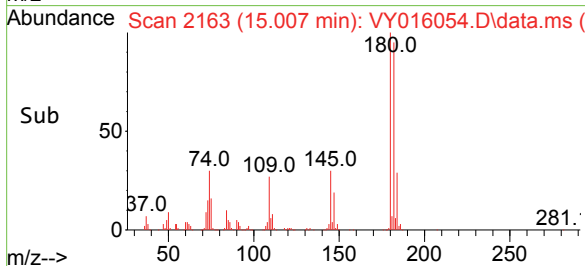
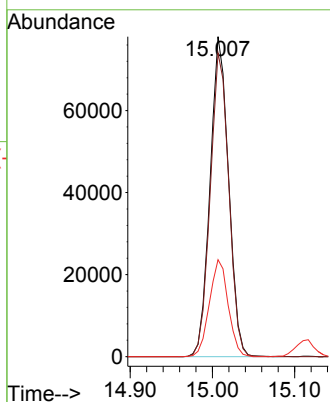
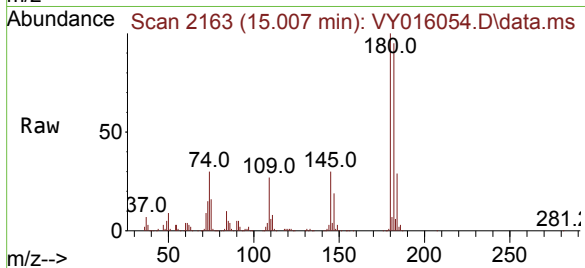
Tgt Ion:180 Resp: 121894

Ion Ratio Lower Upper

180 100

182 95.3 47.0 141.2

145 30.8 14.5 43.5



#94

Hexachlorobutadiene

Concen: 46.371 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. 0.006 min

Lab File: VY016054.D

Acq: 20 Oct 2023 09:20

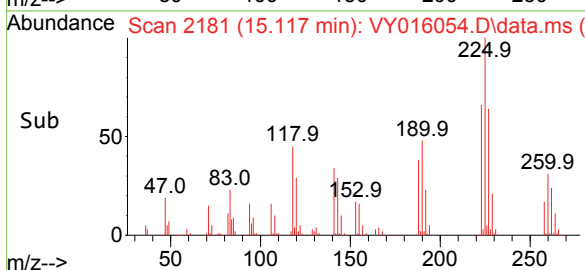
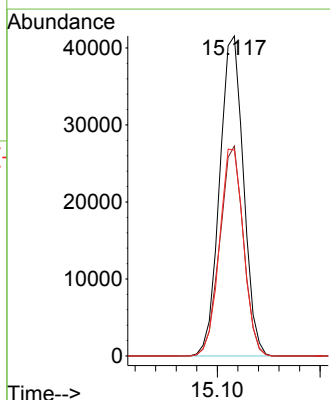
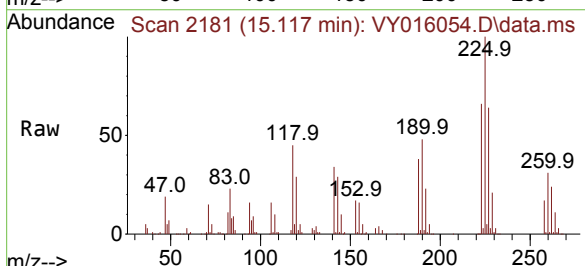
Tgt Ion:225 Resp: 66832

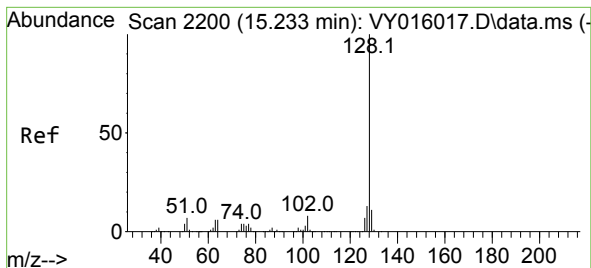
Ion Ratio Lower Upper

225 100

223 65.0 31.9 95.9

227 65.2 33.0 98.9





#95

Naphthalene

Concen: 46.384 ug/l

RT: 15.238 min Scan# 2201

Delta R.T. 0.006 min

Lab File: VY016054.D

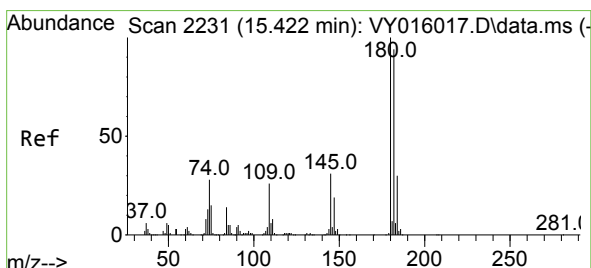
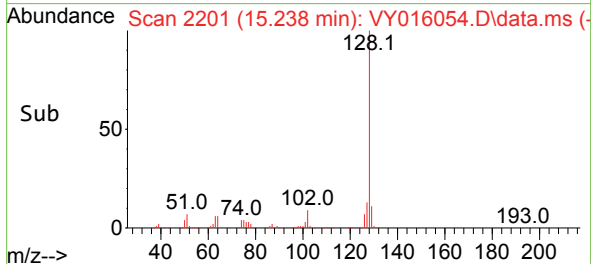
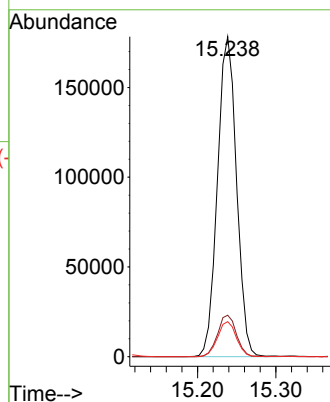
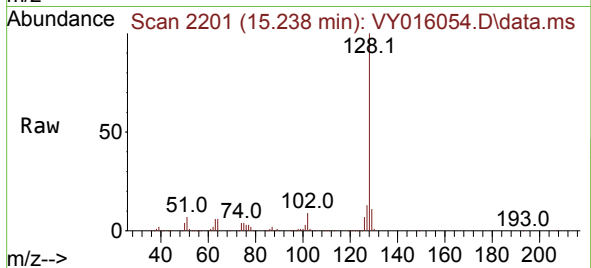
Acq: 20 Oct 2023 09:20

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:128	Resp: 302086
Ion Ratio	Lower Upper
128 100	
127 12.9	10.8 16.2
129 10.8	8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 44.396 ug/l

RT: 15.427 min Scan# 2232

Delta R.T. 0.006 min

Lab File: VY016054.D

Acq: 20 Oct 2023 09:20

Tgt Ion:180	Resp: 107604
Ion Ratio	Lower Upper
180 100	
182 95.6	47.3 141.8
145 32.0	15.4 46.2

