

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102023\
 Data File : VY016056.D
 Acq On : 20 Oct 2023 10:42
 Operator : SY/MD
 Sample : VY1020SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 20 23:04:05 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	186886	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	303373	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	273122	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	141222	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	96979	45.657	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.320%
35) Dibromofluoromethane	7.716	113	89978	45.060	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.120%
50) Toluene-d8	10.179	98	342572	47.237	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.480%
62) 4-Bromofluorobenzene	12.483	95	122904	47.496	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	95.000%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	30352	19.651	ug/l	99
3) Chloromethane	2.107	50	43561	22.335	ug/l	96
4) Vinyl Chloride	2.247	62	46056	21.041	ug/l	97
5) Bromomethane	2.650	94	30939	19.377	ug/l	97
6) Chloroethane	2.790	64	27156	19.294	ug/l	93
7) Trichlorofluoromethane	3.113	101	83790	25.154	ug/l	97
8) Diethyl Ether	3.528	74	27016	22.956	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.881	101	41512	21.664	ug/l	97
10) Methyl Iodide	4.076	142	45858	18.328	ug/l	99
11) Tert butyl alcohol	4.918	59	6314	19.257	ug/l #	89
12) 1,1-Dichloroethene	3.857	96	38831	21.658	ug/l	90
13) Acrolein	3.741	56	27151	112.606	ug/l	90
14) Allyl chloride	4.466	41	58252	20.779	ug/l #	95
15) Acrylonitrile	5.186	53	89716	127.785	ug/l	93
16) Acetone	4.003	43	83581	106.152	ug/l	95
17) Carbon Disulfide	4.180	76	109106	20.773	ug/l	98
18) Methyl Acetate	4.491	43	59494	21.953	ug/l #	90
19) Methyl tert-butyl Ether	5.228	73	116337	20.114	ug/l	95
20) Methylene Chloride	4.704	84	56341	24.087	ug/l	89
21) trans-1,2-Dichloroethene	5.216	96	44879	21.495	ug/l	90
22) Diisopropyl ether	6.125	45	126838	20.778	ug/l	89
23) Vinyl Acetate	6.064	43	369583	97.601	ug/l	96
24) 1,1-Dichloroethane	6.009	63	77776	21.476	ug/l	93
25) 2-Butanone	7.009	43	125195	116.084	ug/l	94
26) 2,2-Dichloropropane	6.972	77	63332	19.437	ug/l	98
27) cis-1,2-Dichloroethene	6.978	96	49605	20.630	ug/l	92
28) Bromochloromethane	7.332	49	33175	21.420	ug/l	91
29) Tetrahydrofuran	7.374	42	84602	129.597	ug/l #	90
30) Chloroform	7.509	83	81653	21.028	ug/l	93
31) Cyclohexane	7.783	56	70230	21.124	ug/l	91
32) 1,1,1-Trichloroethane	7.704	97	74480	21.438	ug/l	98
36) 1,1-Dichloropropene	7.917	75	62108	20.674	ug/l	97
37) Ethyl Acetate	7.088	43	57442	26.526	ug/l	98
38) Carbon Tetrachloride	7.899	117	67953	21.281	ug/l	99
39) Methylcyclohexane	9.179	83	77289	20.586	ug/l	96
40) Benzene	8.161	78	177965	21.018	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	21737	19.350	ug/l #	83
42) 1,2-Dichloroethane	8.234	62	56707	20.791	ug/l	94
43) Isopropyl Acetate	8.277	43	81336	21.483	ug/l #	94
44) Trichloroethene	8.935	130	58693	24.722	ug/l	96
45) 1,2-Dichloropropane	9.216	63	44345	20.927	ug/l	91
46) Dibromomethane	9.301	93	32214	22.899	ug/l	98
47) Bromodichloromethane	9.496	83	66170	21.461	ug/l	99
48) Methyl methacrylate	9.295	41	39508	22.924	ug/l #	77
49) 1,4-Dioxane	9.386	88	14255	636.366	ug/l #	36
51) 4-Methyl-2-Pentanone	10.075	43	385010	176.834	ug/l	91
52) Toluene	10.246	92	119038	21.675	ug/l	94
53) t-1,3-Dichloropropene	10.465	75	70640	21.149	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	76962	21.138	ug/l #	90
55) 1,1,2-Trichloroethane	10.648	97	46044	23.824	ug/l	96
56) Ethyl methacrylate	10.514	69	69059	24.450	ug/l	88
57) 1,3-Dichloropropane	10.788	76	75042	22.888	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.783	63	163927	120.831	ug/l	93
59) 2-Hexanone	10.837	43	329666	199.015	ug/l	90
60) Dibromochloromethane	10.984	129	51176	21.895	ug/l	97
61) 1,2-Dibromoethane	11.087	107	47797	24.301	ug/l	98
64) Tetrachloroethene	10.721	164	55296	26.110	ug/l	98
65) Chlorobenzene	11.514	112	128296	21.690	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	48094	21.572	ug/l	99
67) Ethyl Benzene	11.593	91	226393	21.630	ug/l	98
68) m/p-Xylenes	11.703	106	175143	42.912	ug/l	95
69) o-Xylene	12.032	106	81895	21.092	ug/l	99
70) Styrene	12.044	104	141919	21.445	ug/l	97
71) Bromoform	12.209	173	38431	24.498	ug/l #	100
73) Isopropylbenzene	12.331	105	220350	20.859	ug/l	99
74) N-amyl acetate	12.148	43	85705	25.686	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.581	83	59677	22.555	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	91950	45.985	ug/l #	100
77) Bromobenzene	12.611	156	54666	21.320	ug/l	94
78) n-propylbenzene	12.672	91	269088	21.148	ug/l	100
79) 2-Chlorotoluene	12.758	91	150129	21.021	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	184288	21.061	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.380	75	22950	25.054	ug/l	98
82) 4-Chlorotoluene	12.855	91	158866	21.313	ug/l	100
83) tert-Butylbenzene	13.075	119	159188	20.748	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	183069	21.069	ug/l	98
85) sec-Butylbenzene	13.251	105	243626	21.260	ug/l	100
86) p-Isopropyltoluene	13.367	119	200855	20.974	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	106062	21.260	ug/l	100
88) 1,4-Dichlorobenzene	13.447	146	108030	21.507	ug/l	99
89) n-Butylbenzene	13.696	91	189543	21.261	ug/l	97
90) Hexachloroethane	13.959	117	37872	20.746	ug/l	91
91) 1,2-Dichlorobenzene	13.739	146	97855	21.364	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	18193	36.122	ug/l	90
93) 1,2,4-Trichlorobenzene	15.007	180	63561	21.783	ug/l	99
94) Hexachlorobutadiene	15.111	225	34316	21.652	ug/l	98
95) Naphthalene	15.239	128	195839	27.345	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	60120	22.556	ug/l	99

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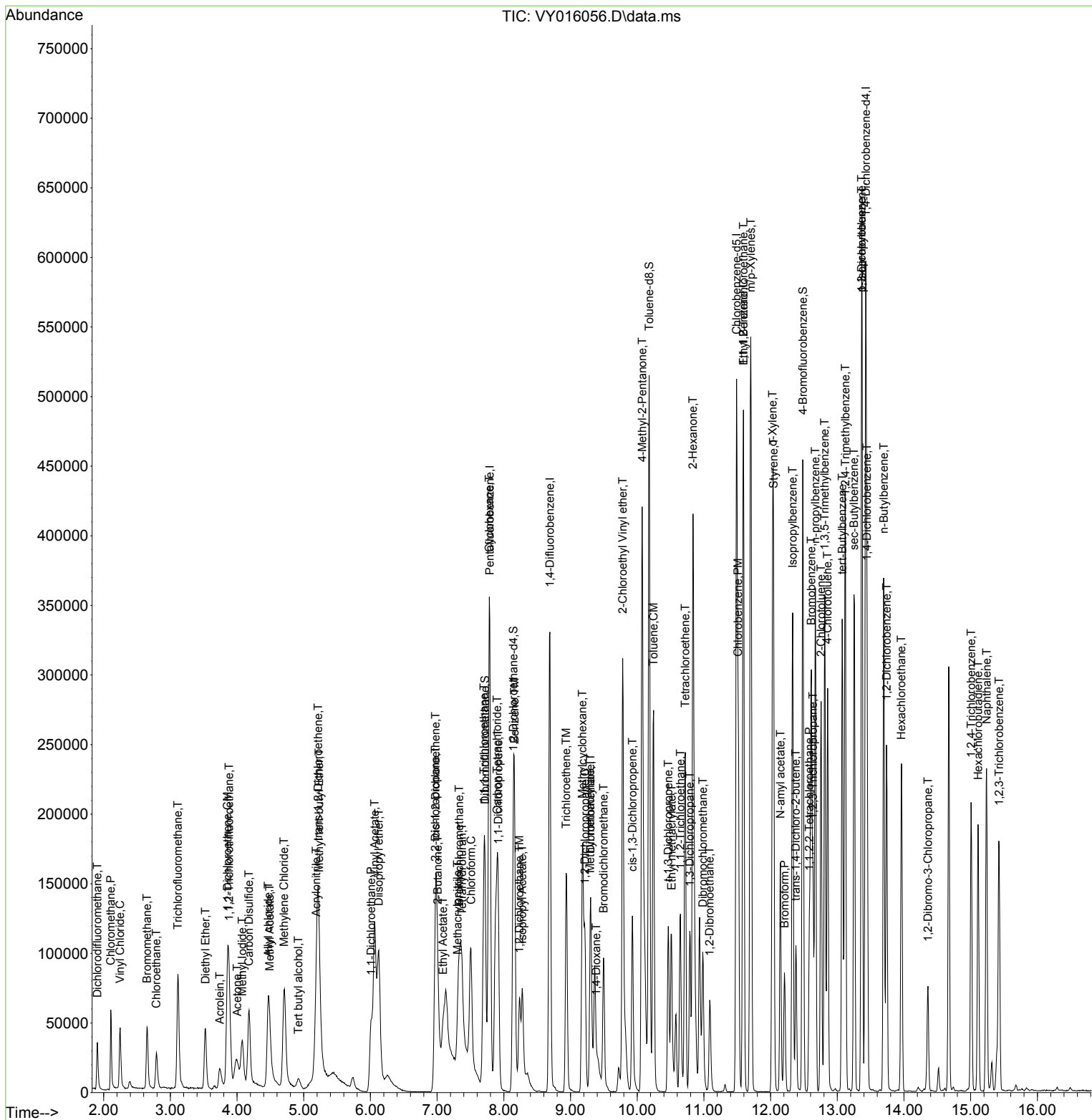
Instrument :
MSVOA_Y
ClientSampleId :

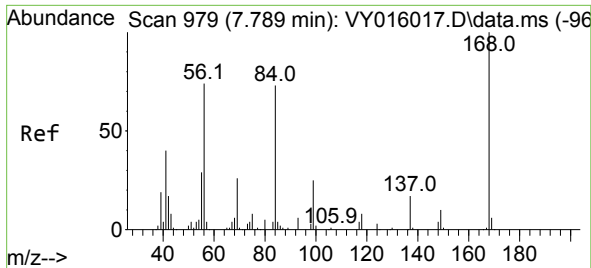
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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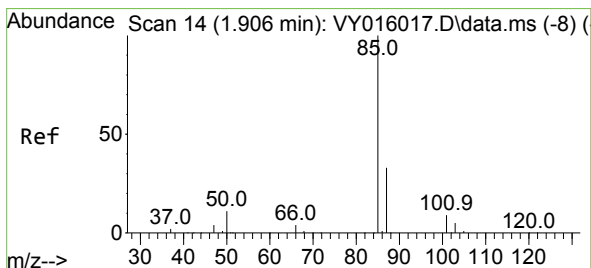
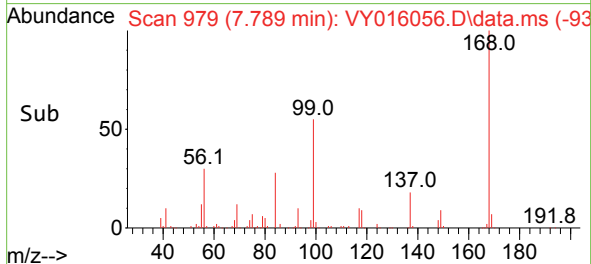
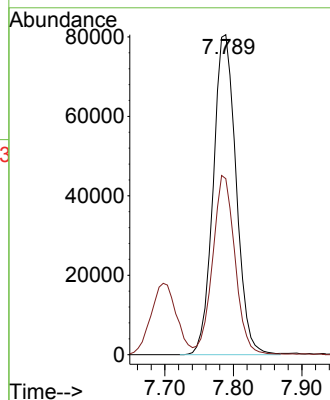
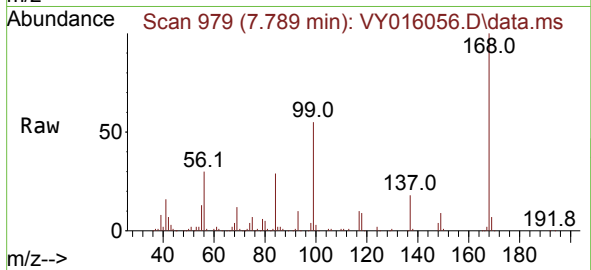




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
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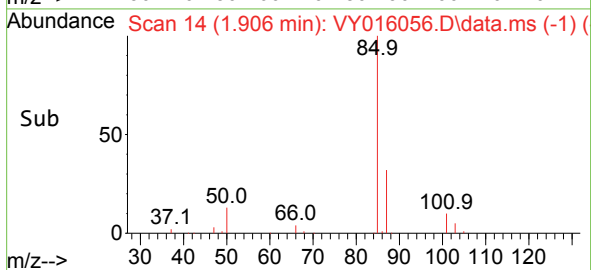
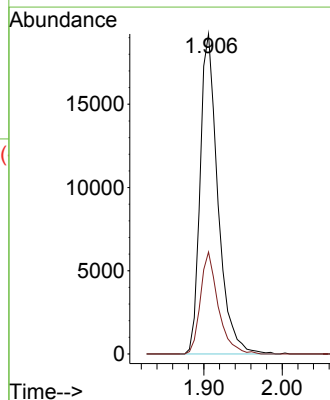
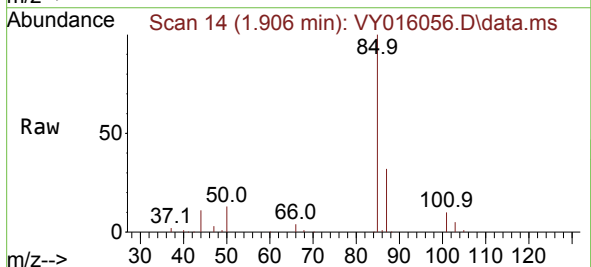
Instrument :
MSVOA_Y
ClientSampleId :

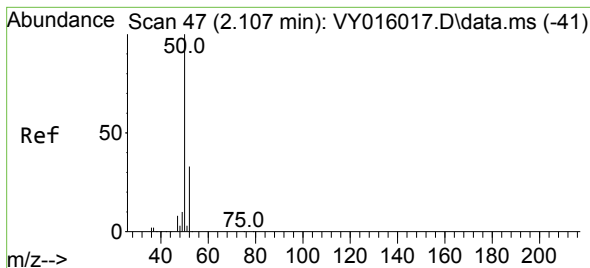
Tgt Ion:168 Resp: 186886
Ion Ratio Lower Upper
168 100
99 54.7 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 19.651 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY016056.D
Acq: 20 Oct 2023 10:42

Tgt Ion: 85 Resp: 30352
Ion Ratio Lower Upper
85 100
87 31.9 15.6 46.8





#3

Chloromethane

Concen: 22.335 ug/l

RT: 2.107 min Scan# 41

Delta R.T. 0.000 min

Lab File: VY016056.D

Acq: 20 Oct 2023 10:42

Instrument :

MSVOA_Y

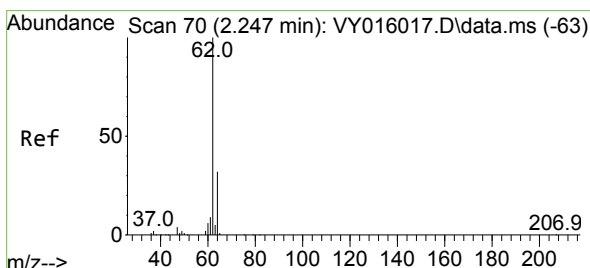
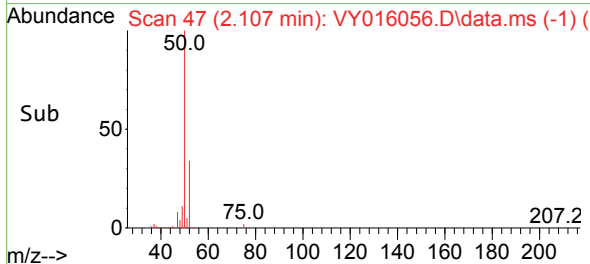
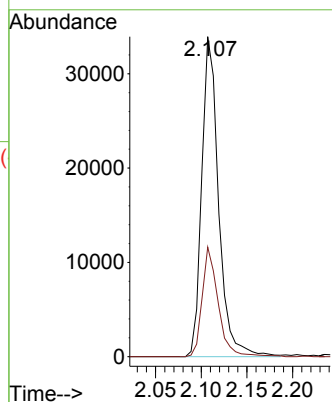
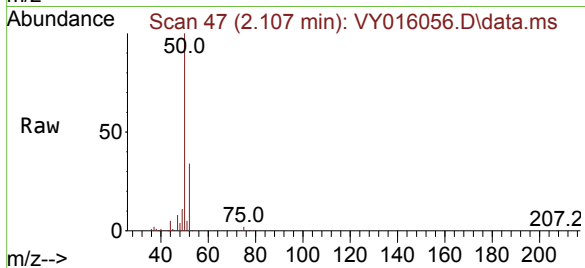
ClientSampleId :

Tgt Ion: 50 Resp: 43561

Ion Ratio Lower Upper

50 100

52 34.3 25.4 38.2



#4

Vinyl Chloride

Concen: 21.041 ug/l

RT: 2.247 min Scan# 70

Delta R.T. 0.000 min

Lab File: VY016056.D

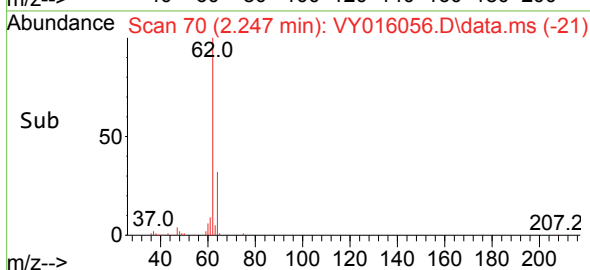
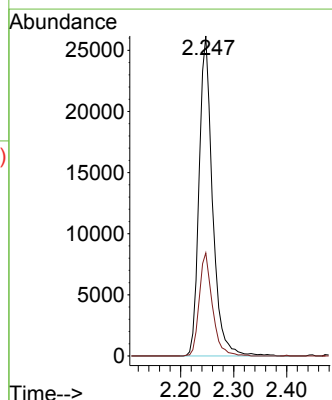
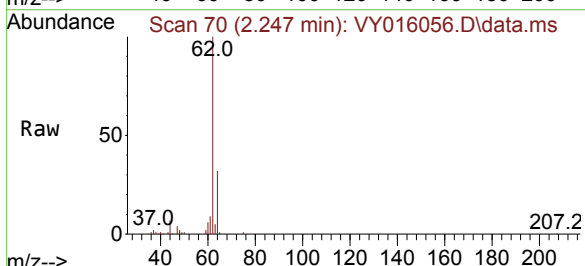
Acq: 20 Oct 2023 10:42

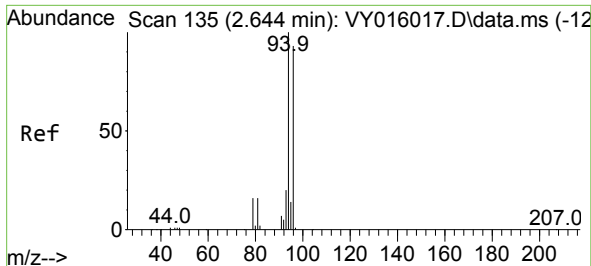
Tgt Ion: 62 Resp: 46056

Ion Ratio Lower Upper

62 100

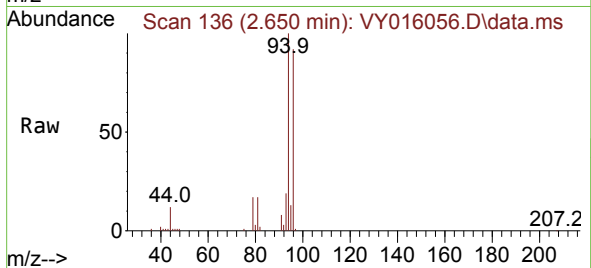
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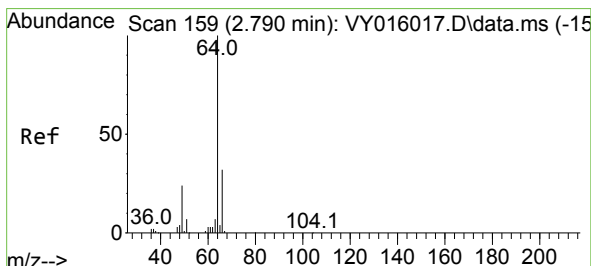
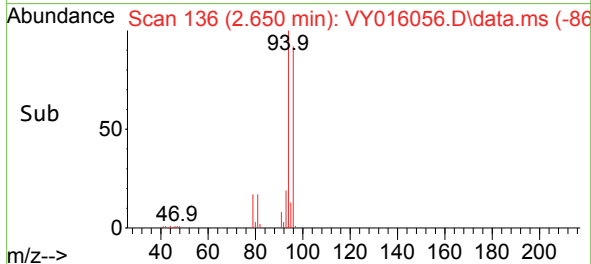
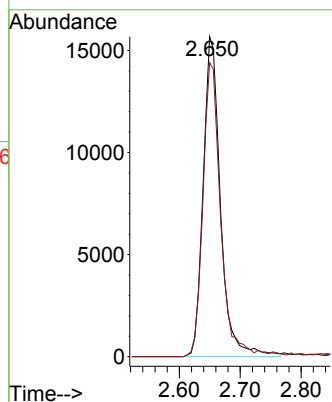


#5
Bromomethane
Concen: 19.377 ug/l
RT: 2.650 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016056.D
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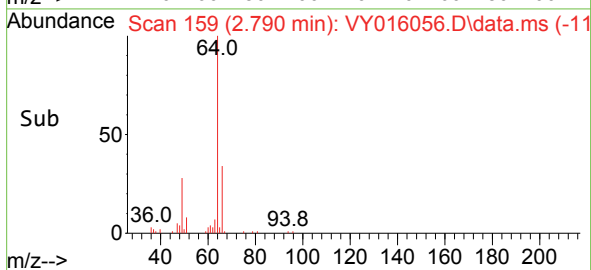
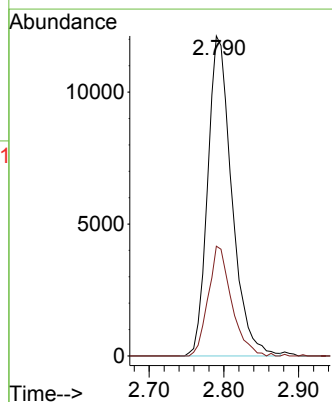
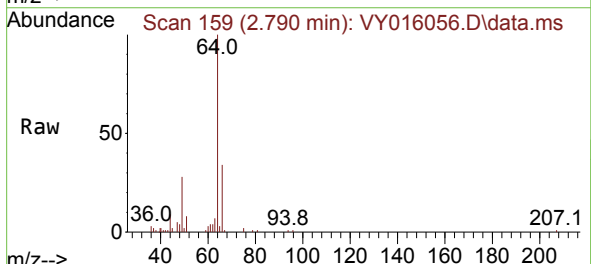


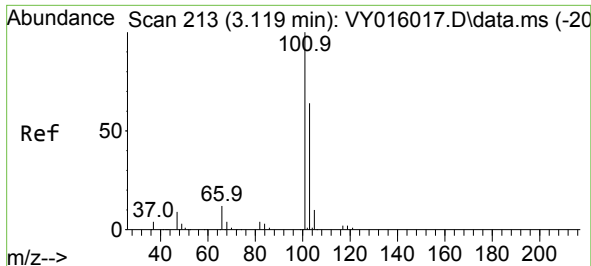
Tgt Ion: 94 Resp: 30939
Ion Ratio Lower Upper
94 100
96 91.8 75.8 113.6



#6
Chloroethane
Concen: 19.294 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.000 min
Lab File: VY016056.D
Acq: 20 Oct 2023 10:42

Tgt Ion: 64 Resp: 27156
Ion Ratio Lower Upper
64 100
66 34.3 24.4 36.6

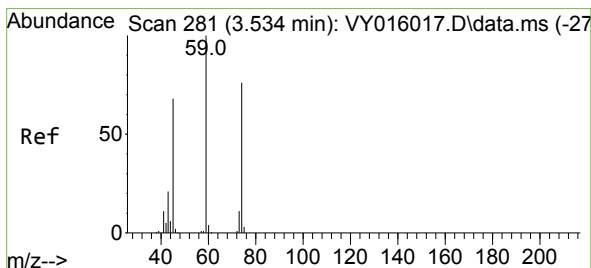
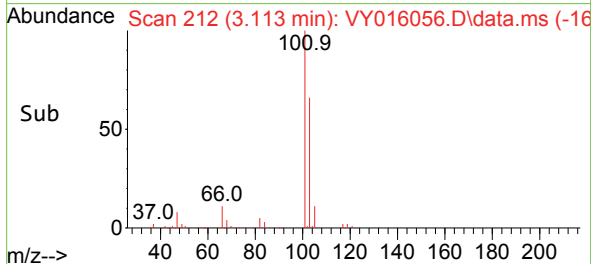
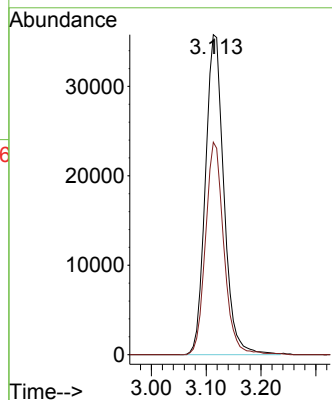
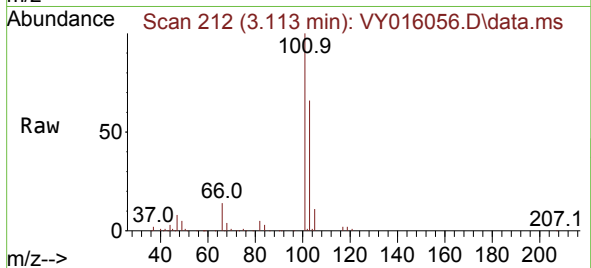




#7
Trichlorofluoromethane
Concen: 25.154 ug/l
RT: 3.113 min Scan# 213
Delta R.T. -0.006 min
Lab File: VY016056.D
Acq: 20 Oct 2023 10:42

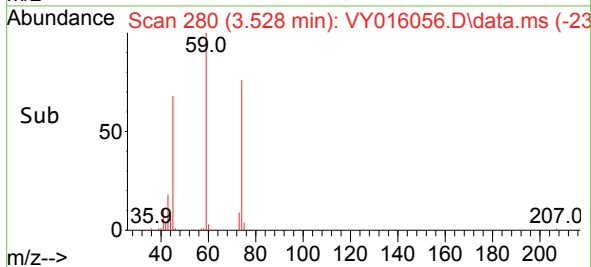
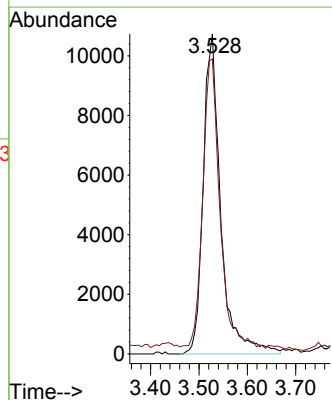
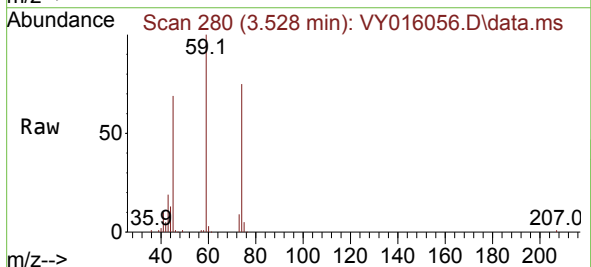
Instrument :
MSVOA_Y
ClientSampleId :

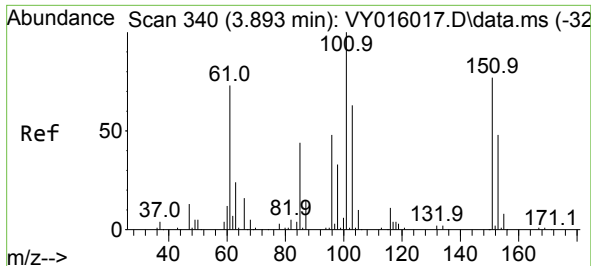
Tgt Ion:101 Resp: 83790
Ion Ratio Lower Upper
101 100
103 66.4 51.4 77.0



#8
Diethyl Ether
Concen: 22.956 ug/l
RT: 3.528 min Scan# 280
Delta R.T. -0.006 min
Lab File: VY016056.D
Acq: 20 Oct 2023 10:42

Tgt Ion: 74 Resp: 27016
Ion Ratio Lower Upper
74 100
45 88.7 51.5 154.5

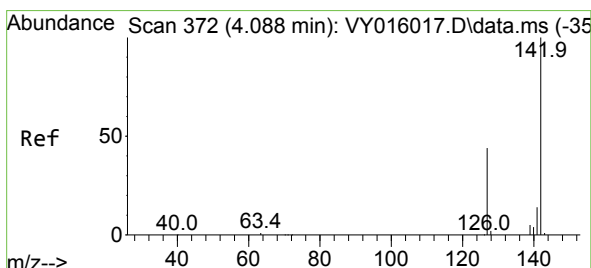
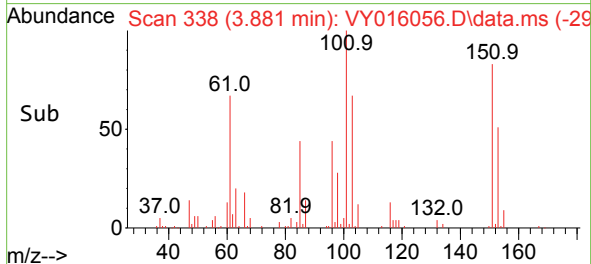
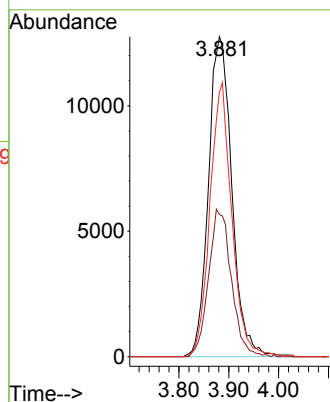
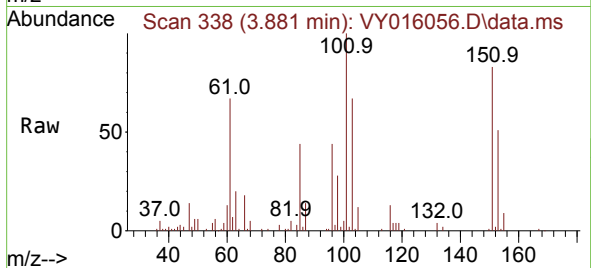




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.664 ug/l
RT: 3.881 min Scan# 31
Delta R.T. -0.012 min
Lab File: VY016056.D
Acq: 20 Oct 2023 10:42

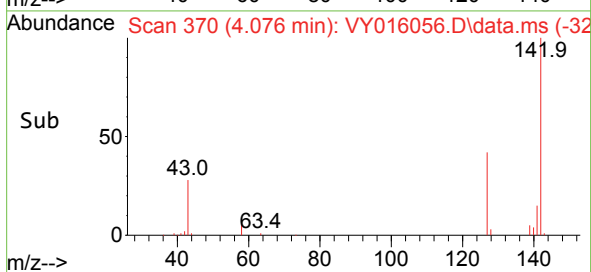
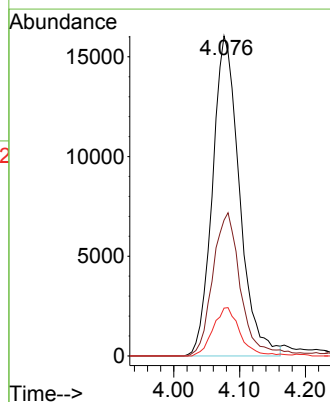
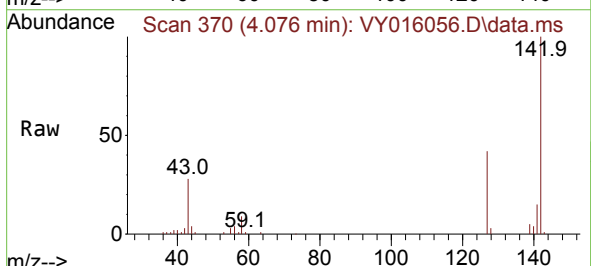
Instrument :
MSVOA_Y
ClientSampleId :

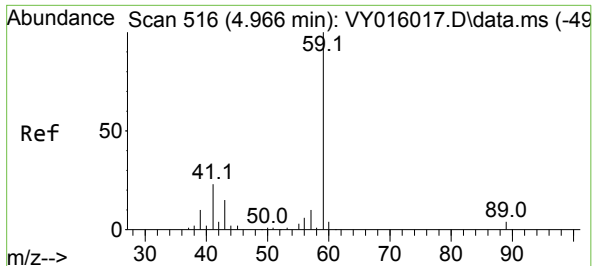
Tgt Ion:101 Resp: 41512
Ion Ratio Lower Upper
101 100
85 44.9 36.6 55.0
151 80.0 67.0 100.6



#10
Methyl Iodide
Concen: 18.328 ug/l
RT: 4.076 min Scan# 370
Delta R.T. -0.012 min
Lab File: VY016056.D
Acq: 20 Oct 2023 10:42

Tgt Ion:142 Resp: 45858
Ion Ratio Lower Upper
142 100
127 46.5 37.6 56.4
141 15.1 11.8 17.8





#11

Tert butyl alcohol

Concen: 19.257 ug/l

RT: 4.918 min Scan# 508

Delta R.T. -0.049 min

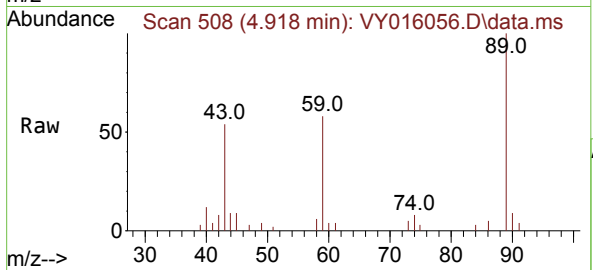
Lab File: VY016056.D

Acq: 20 Oct 2023 10:42

Instrument :

MSVOA_Y

ClientSampleId :

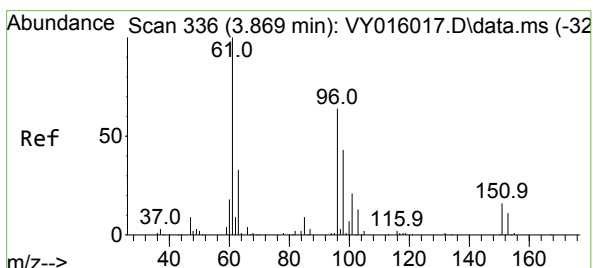
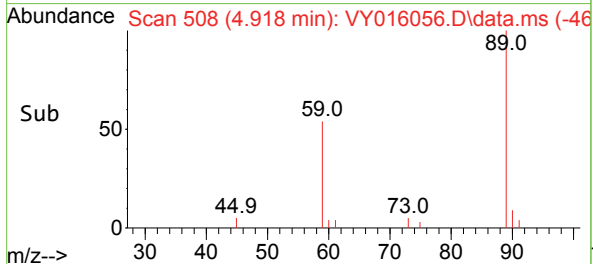
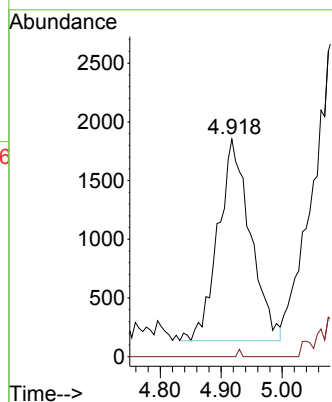


Tgt Ion: 59 Resp: 6314

Ion Ratio Lower Upper

59 100

57 0.0 3.0 4.4#



#12

1,1-Dichloroethene

Concen: 21.658 ug/l

RT: 3.857 min Scan# 334

Delta R.T. -0.012 min

Lab File: VY016056.D

Acq: 20 Oct 2023 10:42

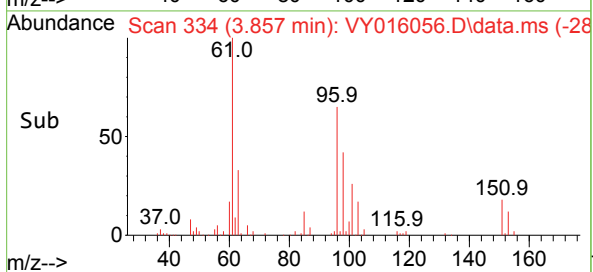
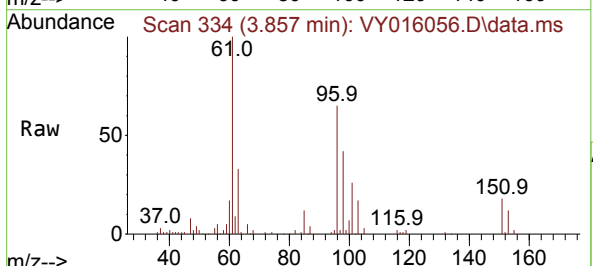
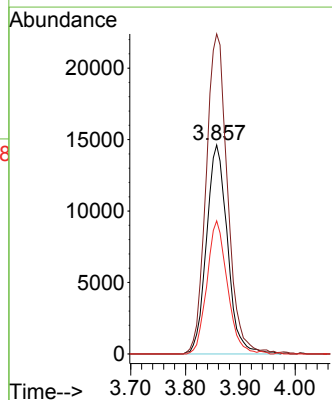
Tgt Ion: 96 Resp: 38831

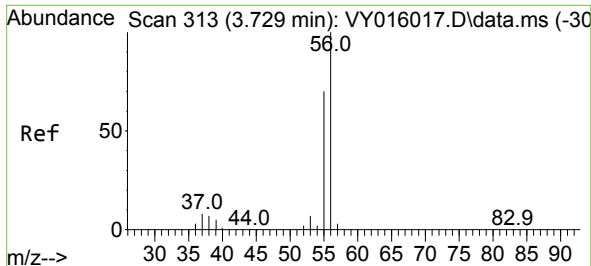
Ion Ratio Lower Upper

96 100

61 153.1 136.4 204.6

98 63.7 49.4 74.2

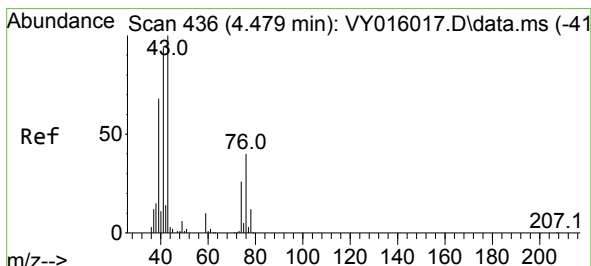
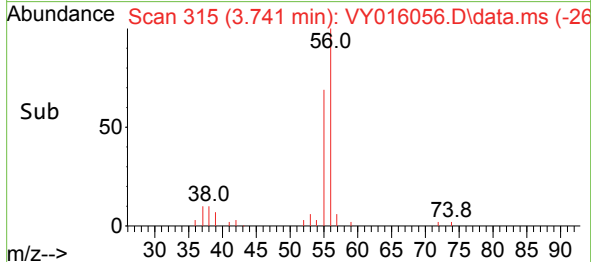
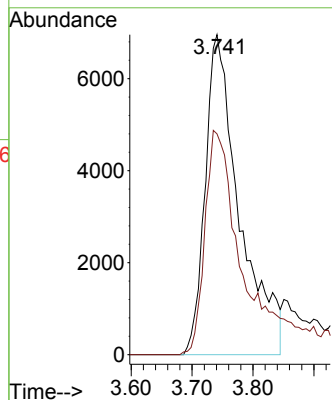
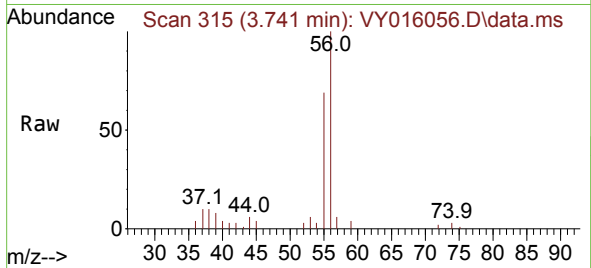




#13
Acrolein
Concen: 112.606 ug/l
RT: 3.741 min Scan# 313
Delta R.T. 0.012 min
Lab File: VY016056.D
Acq: 20 Oct 2023 10:42

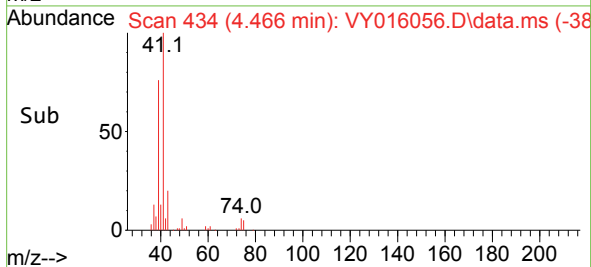
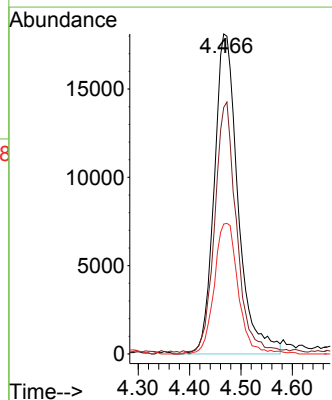
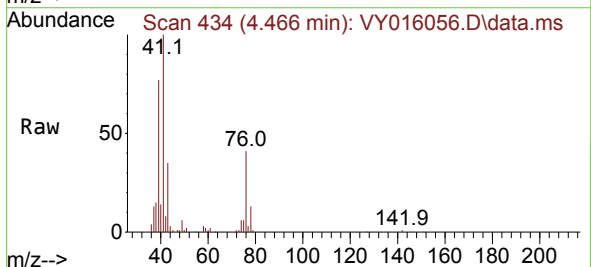
Instrument :
MSVOA_Y
ClientSampleId :

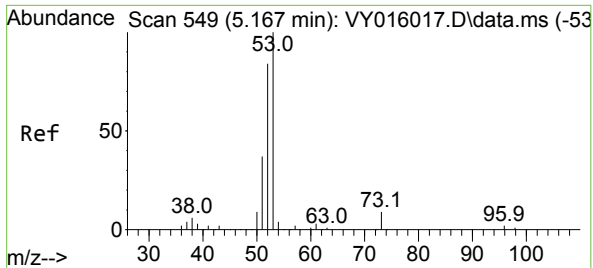
Tgt Ion: 56 Resp: 27151
Ion Ratio Lower Upper
56 100
55 79.7 57.0 85.4



#14
Allyl chloride
Concen: 20.779 ug/l
RT: 4.466 min Scan# 434
Delta R.T. -0.012 min
Lab File: VY016056.D
Acq: 20 Oct 2023 10:42

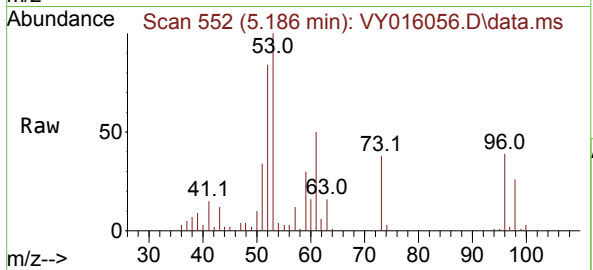
Tgt Ion: 41 Resp: 58252
Ion Ratio Lower Upper
41 100
39 70.7 58.0 87.0
76 41.2 27.4 41.2#



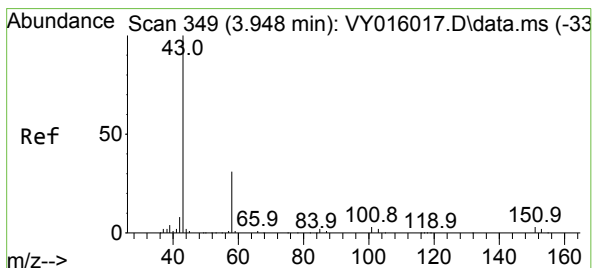
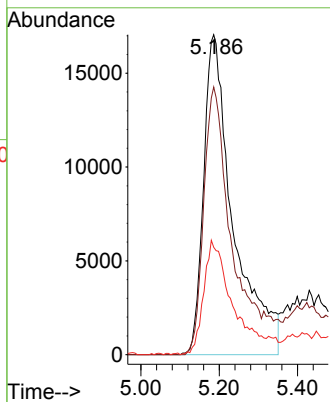
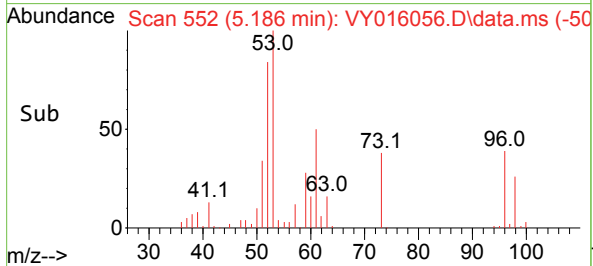


#15
Acrylonitrile
Concen: 127.785 ug/l
RT: 5.186 min Scan# 51
Delta R.T. 0.018 min
Lab File: VY016056.D
Acq: 20 Oct 2023 10:42

Instrument :
MSVOA_Y
ClientSampleId :

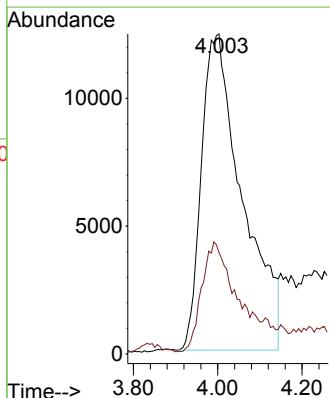
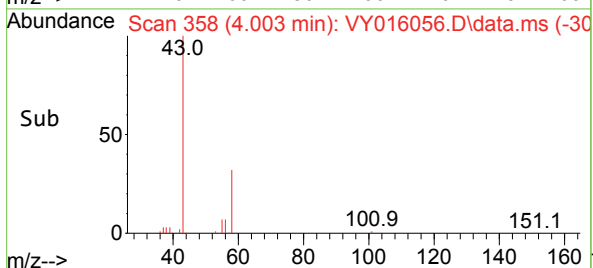
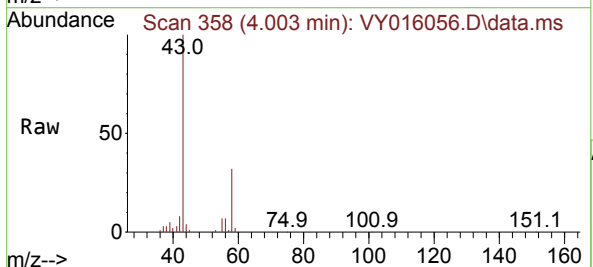


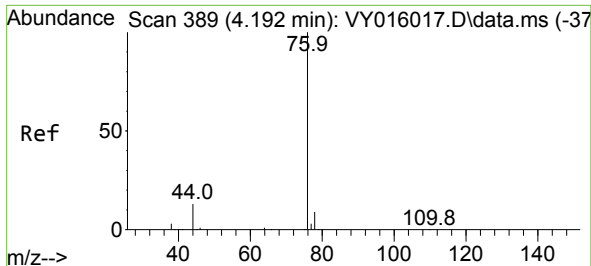
Tgt Ion: 53 Resp: 89716
Ion Ratio Lower Upper
53 100
52 76.4 66.9 100.3
51 34.5 29.8 44.6



#16
Acetone
Concen: 106.152 ug/l
RT: 4.003 min Scan# 358
Delta R.T. 0.055 min
Lab File: VY016056.D
Acq: 20 Oct 2023 10:42

Tgt Ion: 43 Resp: 83581
Ion Ratio Lower Upper
43 100
58 31.3 22.7 34.1





#17

Carbon Disulfide

Concen: 20.773 ug/l

RT: 4.180 min Scan# 3

Delta R.T. -0.012 min

Lab File: VY016056.D

Acq: 20 Oct 2023 10:42

Instrument :

MSVOA_Y

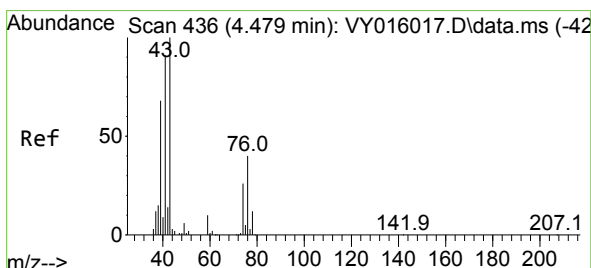
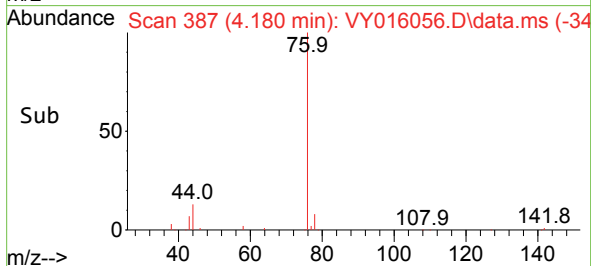
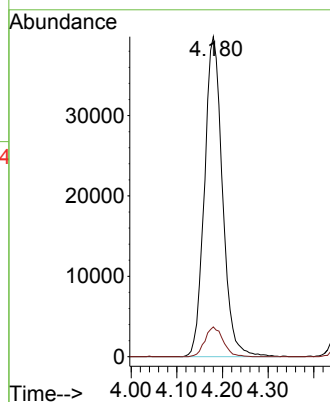
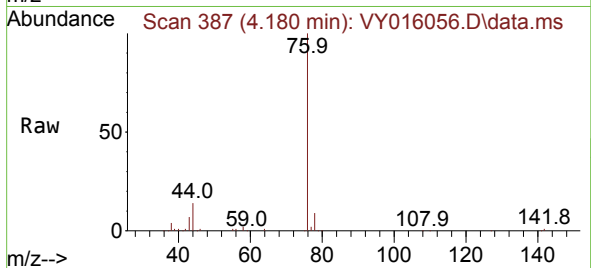
ClientSampleId :

Tgt Ion: 76 Resp: 109106

Ion Ratio Lower Upper

76 100

78 9.3 7.0 10.4



#18

Methyl Acetate

Concen: 21.953 ug/l

RT: 4.491 min Scan# 438

Delta R.T. 0.012 min

Lab File: VY016056.D

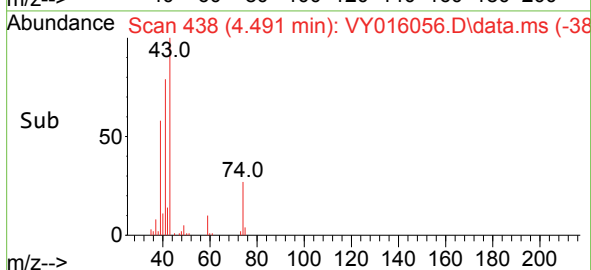
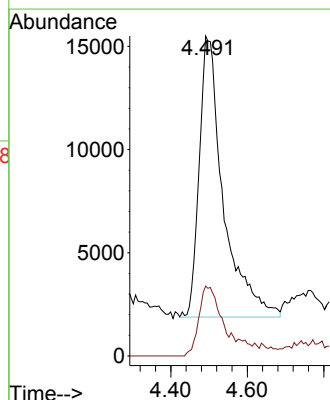
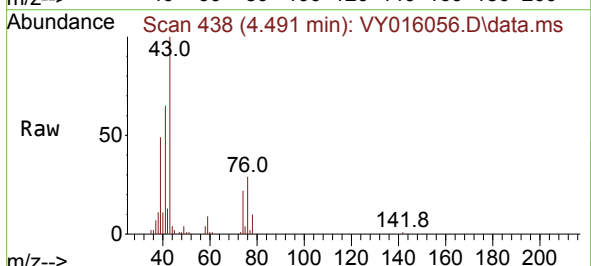
Acq: 20 Oct 2023 10:42

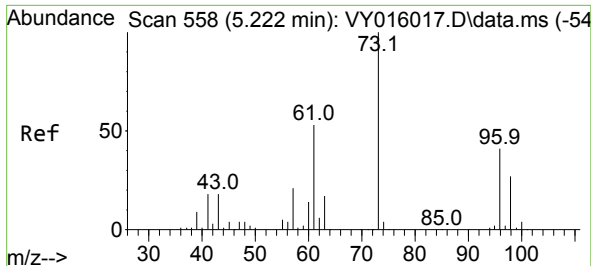
Tgt Ion: 43 Resp: 59494

Ion Ratio Lower Upper

43 100

74 26.3 17.4 26.0#

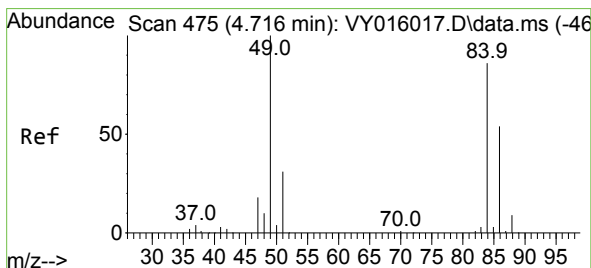
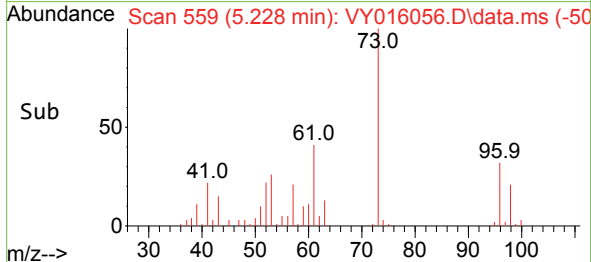
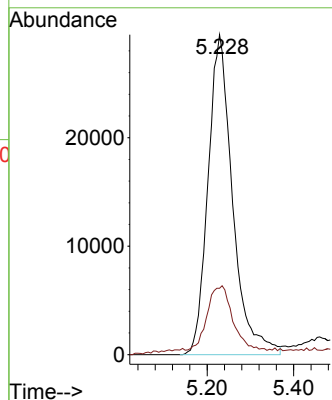
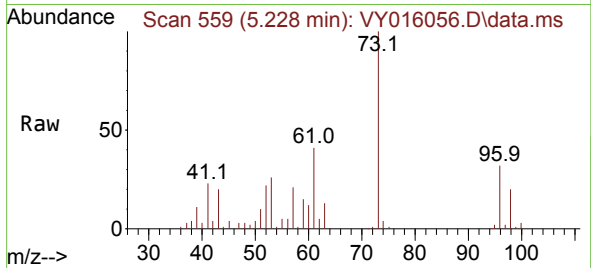




#19
Methyl tert-butyl Ether
Concen: 20.114 ug/l
RT: 5.228 min Scan# 511
Delta R.T. 0.006 min
Lab File: VY016056.D
Acq: 20 Oct 2023 10:42

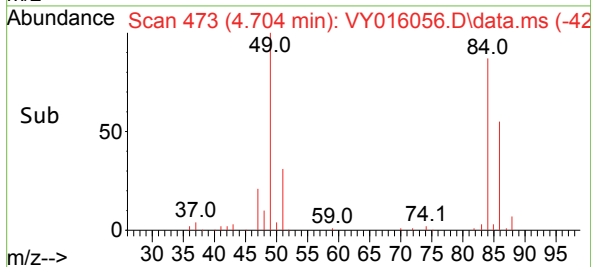
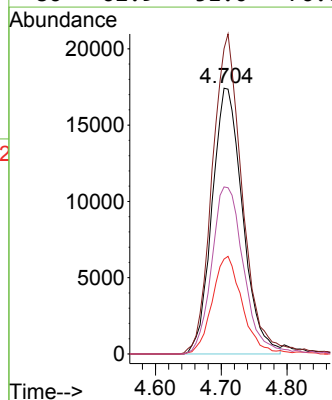
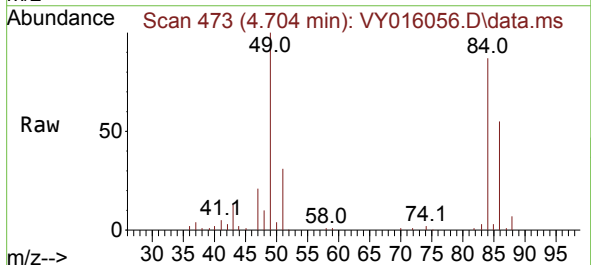
Instrument :
MSVOA_Y
ClientSampleId :

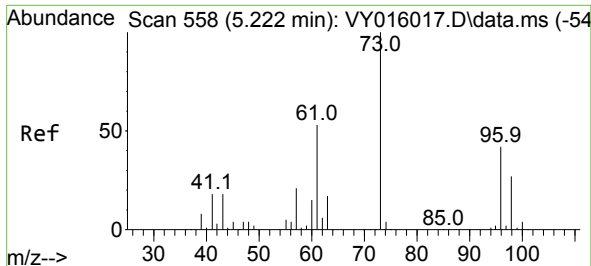
Tgt Ion: 73 Resp: 116337
Ion Ratio Lower Upper
73 100
57 19.3 17.3 25.9



#20
Methylene Chloride
Concen: 24.087 ug/l
RT: 4.704 min Scan# 473
Delta R.T. -0.012 min
Lab File: VY016056.D
Acq: 20 Oct 2023 10:42

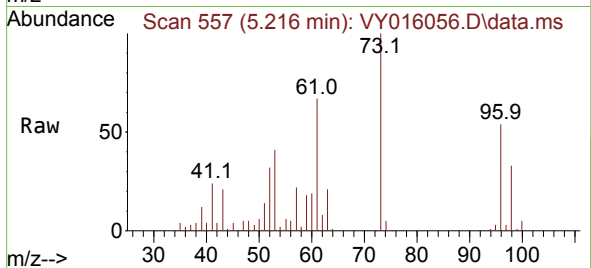
Tgt Ion: 84 Resp: 56341
Ion Ratio Lower Upper
84 100
49 114.9 106.9 160.3
51 35.7 33.2 49.8
86 62.9 51.0 76.6



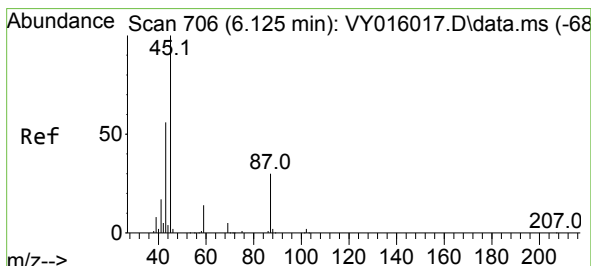
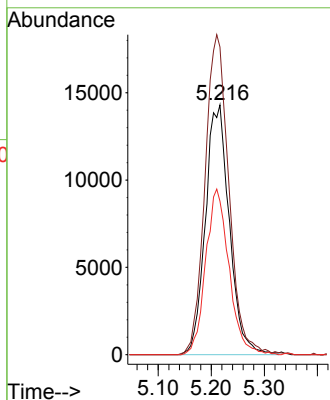
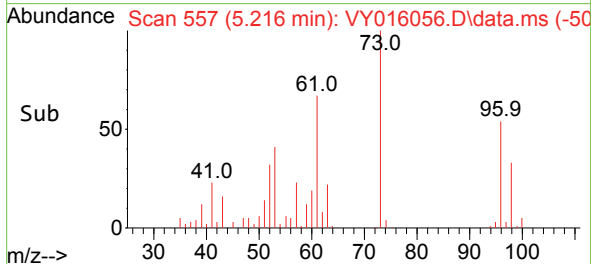


#21
trans-1,2-Dichloroethene
Concen: 21.495 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY016056.D
Acq: 20 Oct 2023 10:42

Instrument :
MSVOA_Y
ClientSampleId :

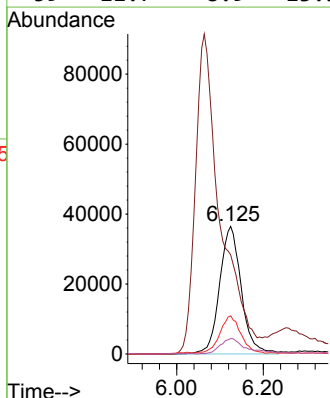
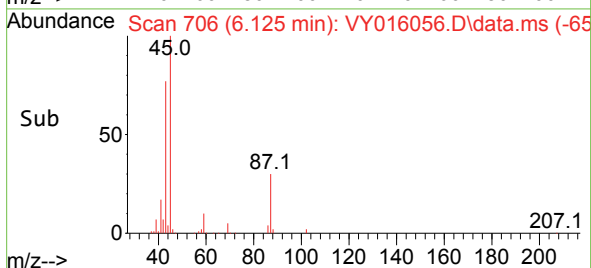
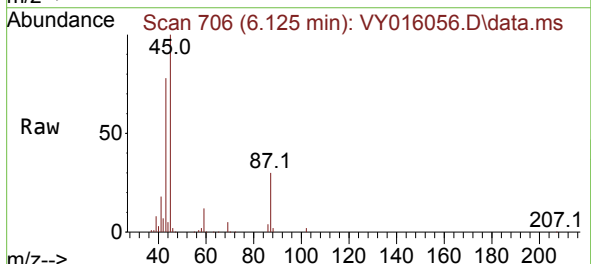


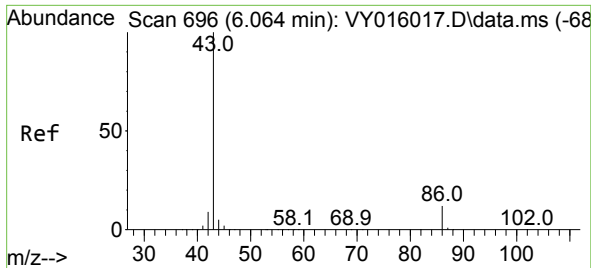
Tgt Ion: 96 Resp: 44879
Ion Ratio Lower Upper
96 100
61 123.2 110.2 165.4
98 61.4 51.8 77.6



#22
Diisopropyl ether
Concen: 20.778 ug/l
RT: 6.125 min Scan# 706
Delta R.T. 0.000 min
Lab File: VY016056.D
Acq: 20 Oct 2023 10:42

Tgt Ion: 45 Resp: 126838
Ion Ratio Lower Upper
45 100
43 76.8 52.2 78.4
87 29.2 21.0 31.6
59 11.7 8.9 13.3

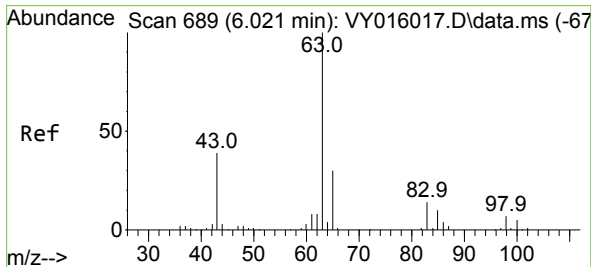
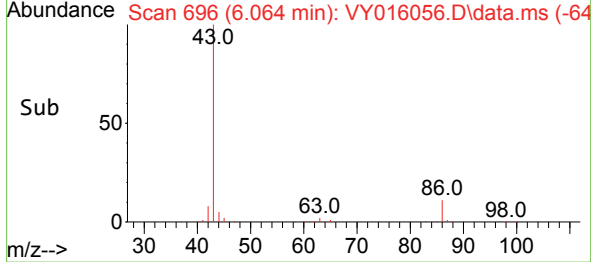
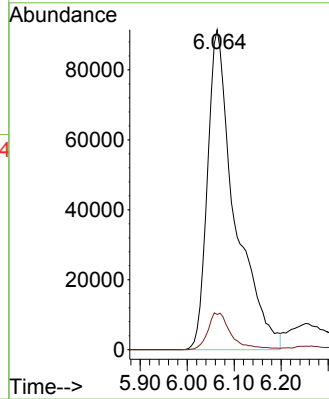
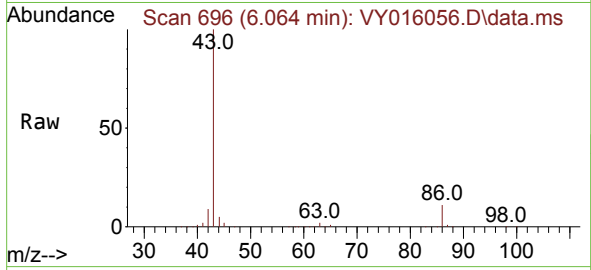




#23
 Vinyl Acetate
 Concen: 97.601 ug/l
 RT: 6.064 min Scan# 696
 Delta R.T. 0.000 min
 Lab File: VY016056.D
 Acq: 20 Oct 2023 10:42

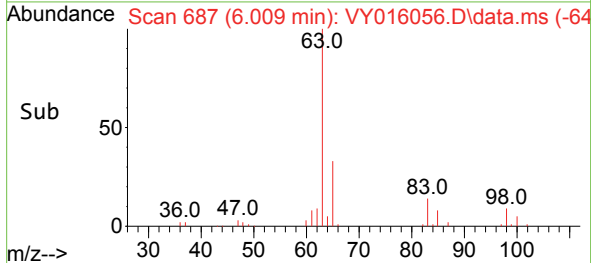
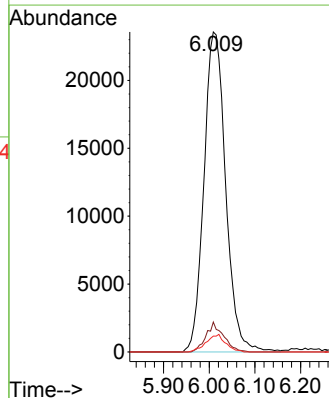
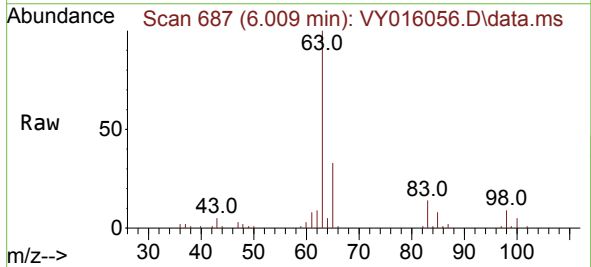
Instrument :
 MSVOA_Y
 ClientSampleId :

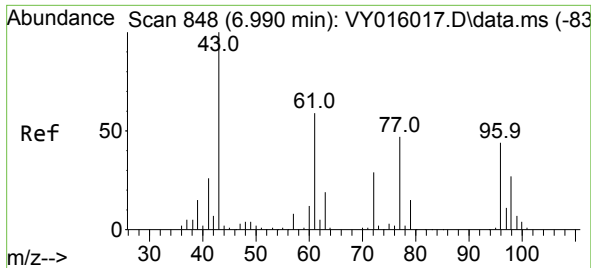
Tgt Ion: 43 Resp: 369583
 Ion Ratio Lower Upper
 43 100
 86 11.0 7.5 11.3



#24
 1,1-Dichloroethane
 Concen: 21.476 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. -0.012 min
 Lab File: VY016056.D
 Acq: 20 Oct 2023 10:42

Tgt Ion: 63 Resp: 77776
 Ion Ratio Lower Upper
 63 100
 98 9.4 3.1 9.4
 100 5.0 1.8 5.5

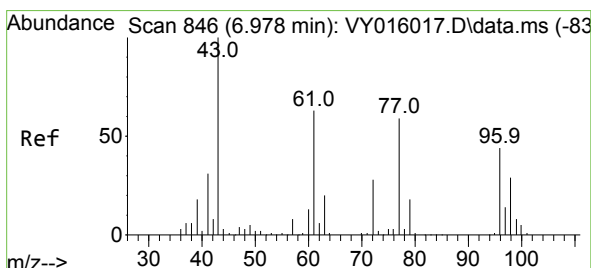
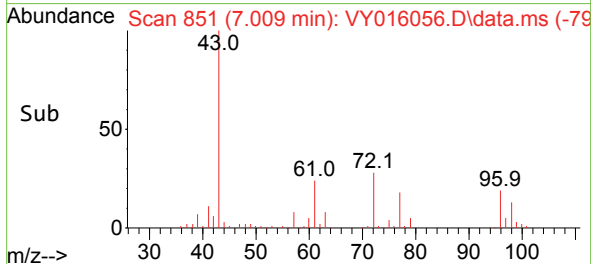
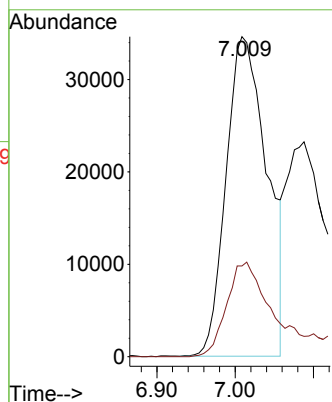
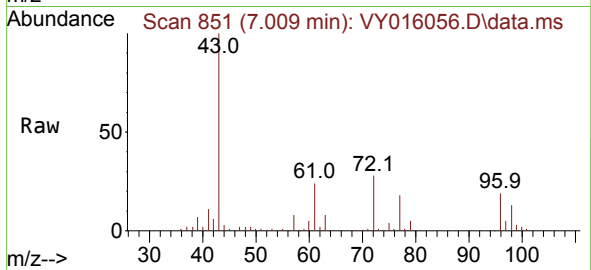




#25
2-Butanone
Concen: 116.084 ug/l
RT: 7.009 min Scan# 81
Delta R.T. 0.018 min
Lab File: VY016056.D
Acq: 20 Oct 2023 10:42

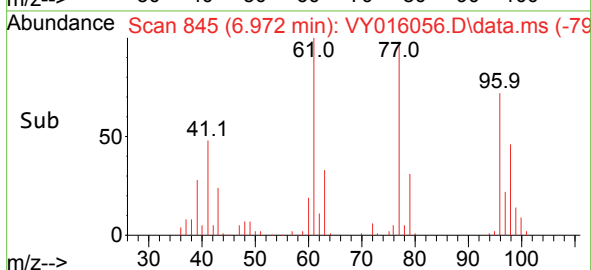
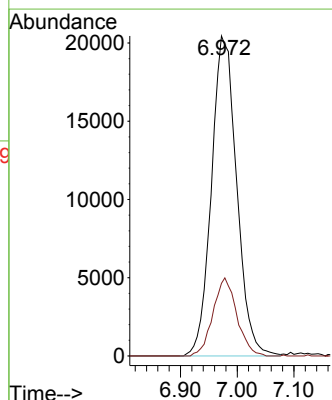
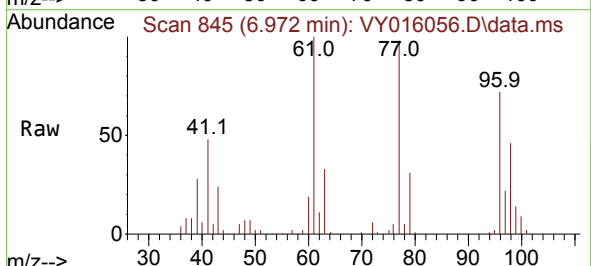
Instrument :
MSVOA_Y
ClientSampleId :

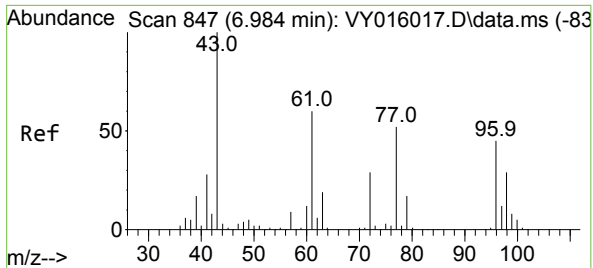
Tgt Ion: 43 Resp: 125195
Ion Ratio Lower Upper
43 100
72 28.4 20.5 30.7



#26
2,2-Dichloropropane
Concen: 19.437 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.006 min
Lab File: VY016056.D
Acq: 20 Oct 2023 10:42

Tgt Ion: 77 Resp: 63332
Ion Ratio Lower Upper
77 100
97 23.0 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 20.630 ug/l

RT: 6.978 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY016056.D

Acq: 20 Oct 2023 10:42

Instrument :

MSVOA_Y

ClientSampleId :

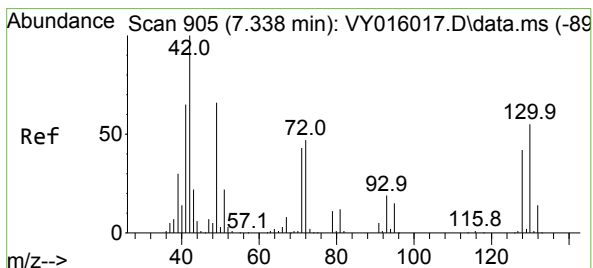
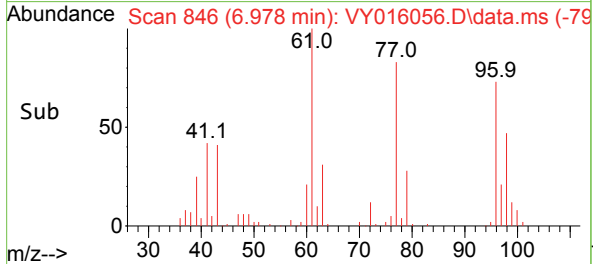
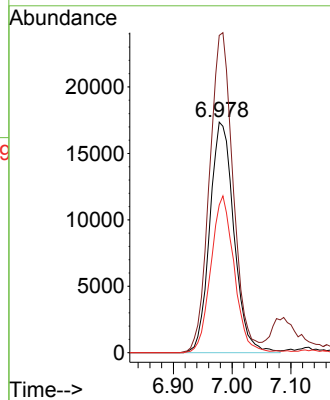
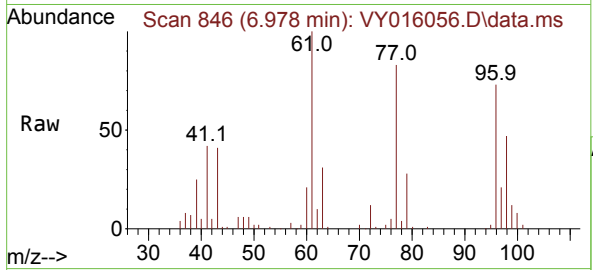
Tgt Ion: 96 Resp: 49605

Ion Ratio Lower Upper

96 100

61 135.6 0.0 301.4

98 65.5 0.0 130.4



#28

Bromochloromethane

Concen: 21.420 ug/l

RT: 7.332 min Scan# 904

Delta R.T. -0.006 min

Lab File: VY016056.D

Acq: 20 Oct 2023 10:42

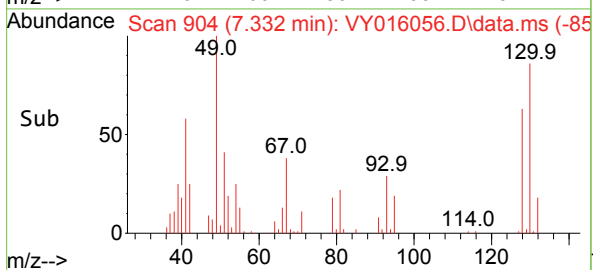
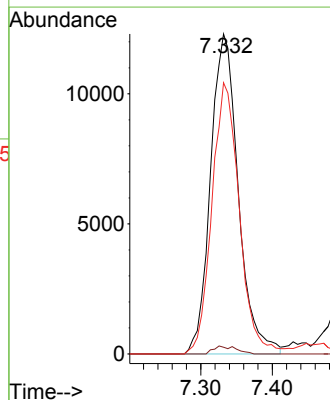
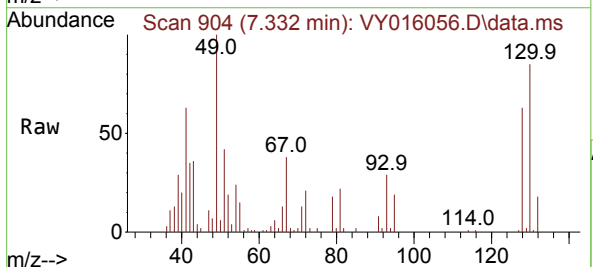
Tgt Ion: 49 Resp: 33175

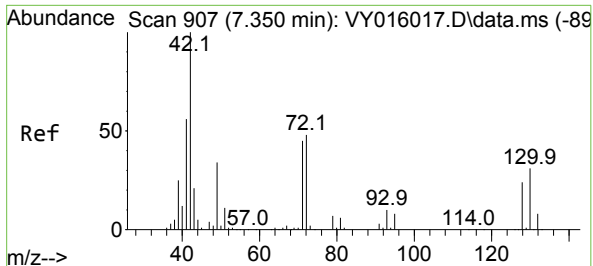
Ion Ratio Lower Upper

49 100

129 2.0 0.0 4.6

130 83.6 60.7 91.1





#29

Tetrahydrofuran

Concen: 129.597 ug/l

RT: 7.374 min Scan# 911

Delta R.T. 0.024 min

Lab File: VY016056.D

Acq: 20 Oct 2023 10:42

Instrument :

MSVOA_Y

ClientSampleId :

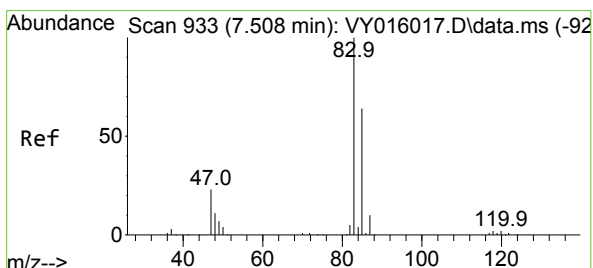
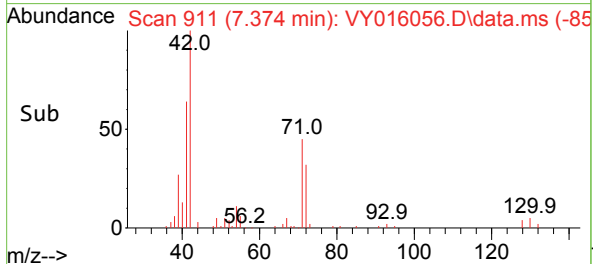
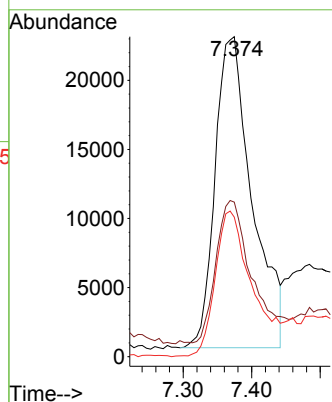
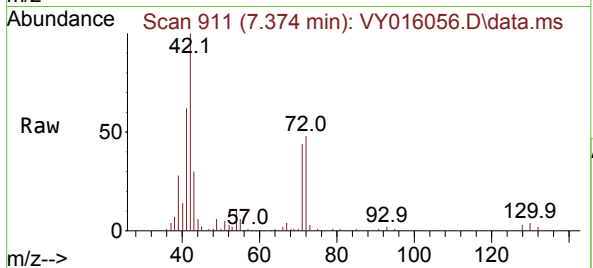
Tgt Ion: 42 Resp: 84602

Ion Ratio Lower Upper

42 100

72 45.2 32.8 49.2

71 46.7 31.0 46.4#



#30

Chloroform

Concen: 21.028 ug/l

RT: 7.509 min Scan# 933

Delta R.T. 0.000 min

Lab File: VY016056.D

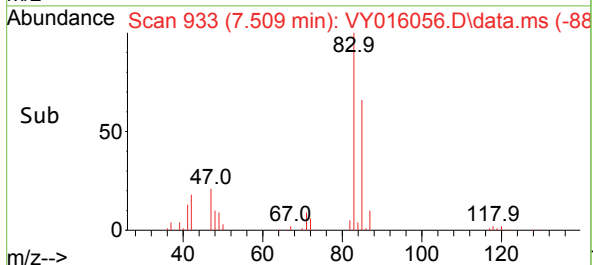
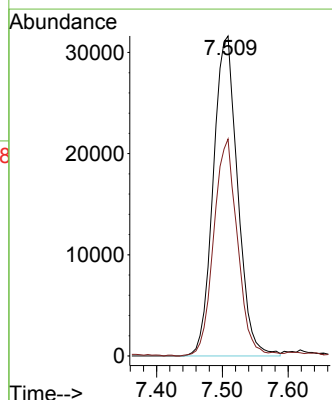
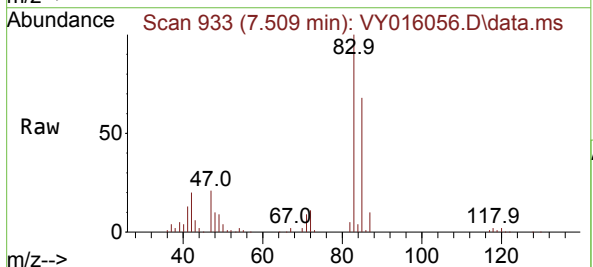
Acq: 20 Oct 2023 10:42

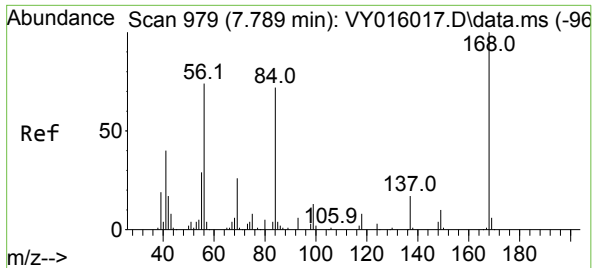
Tgt Ion: 83 Resp: 81653

Ion Ratio Lower Upper

83 100

85 67.8 49.7 74.5

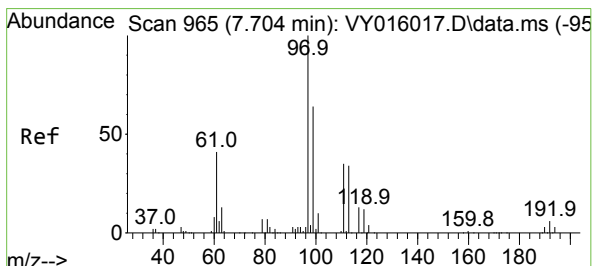
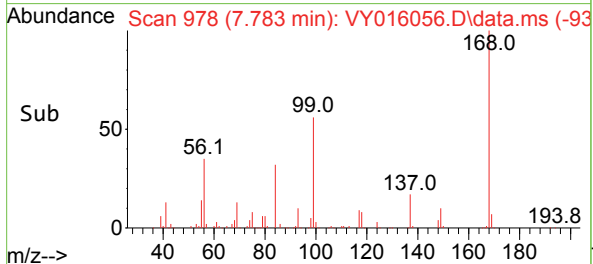
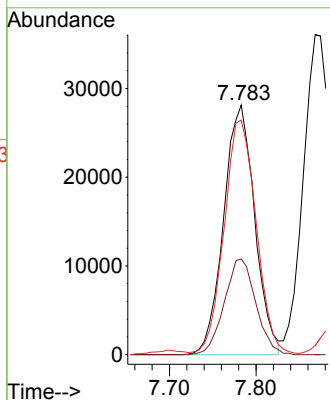
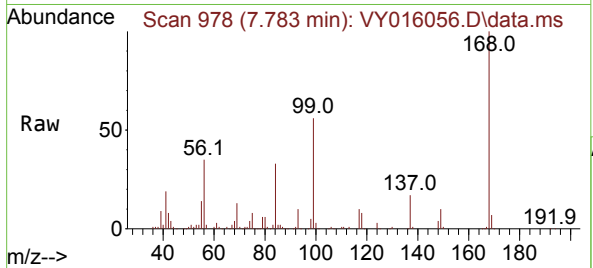




#31
Cyclohexane
Concen: 21.124 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016056.D
Acq: 20 Oct 2023 10:42

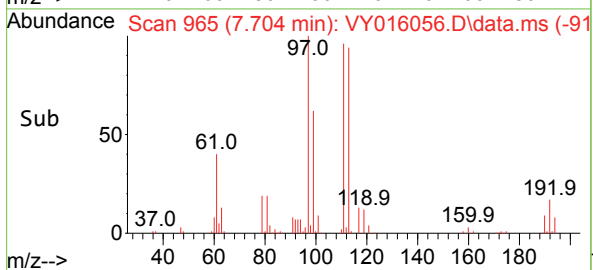
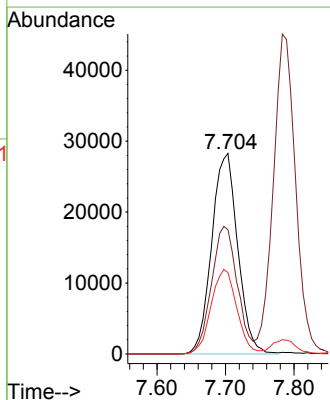
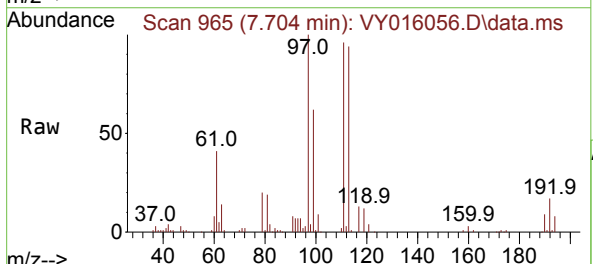
Instrument :
MSVOA_Y
ClientSampleId :

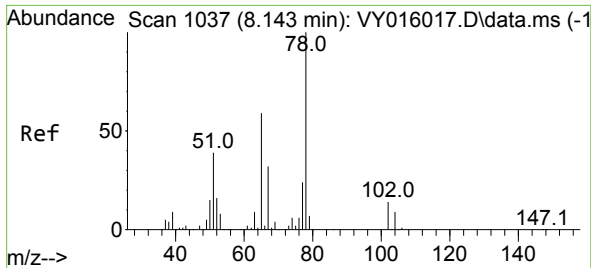
Tgt Ion: 56 Resp: 70230
Ion Ratio Lower Upper
56 100
69 38.3 27.8 41.6
84 92.7 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 21.438 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.000 min
Lab File: VY016056.D
Acq: 20 Oct 2023 10:42

Tgt Ion: 97 Resp: 74480
Ion Ratio Lower Upper
97 100
99 63.2 50.8 76.2
61 41.8 35.1 52.7

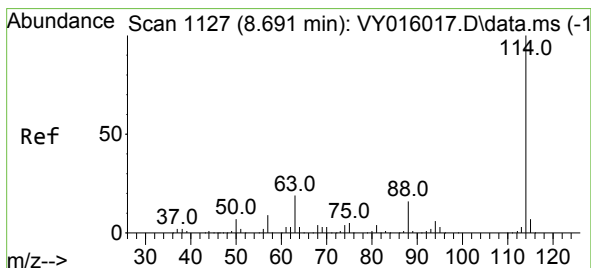
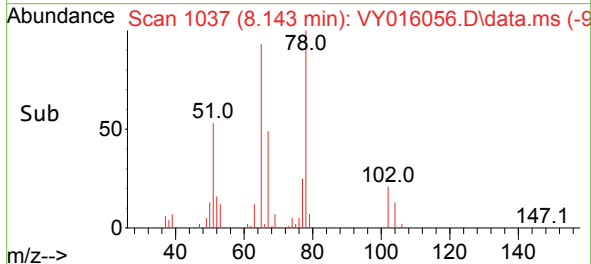
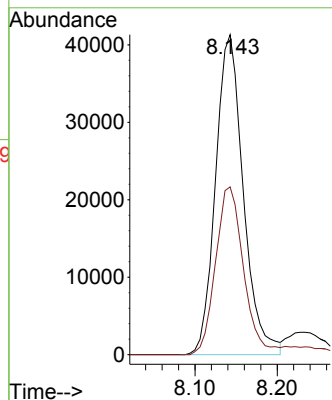
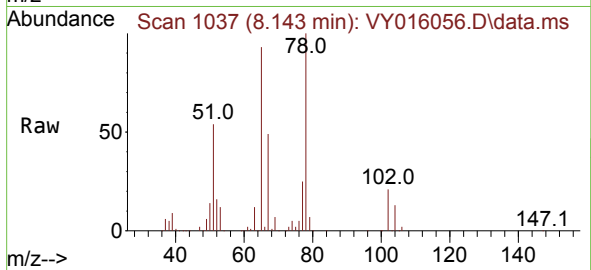




#33
1,2-Dichloroethane-d4
Concen: 45.657 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY016056.D
Acq: 20 Oct 2023 10:42

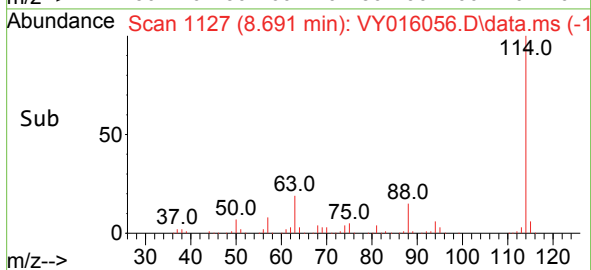
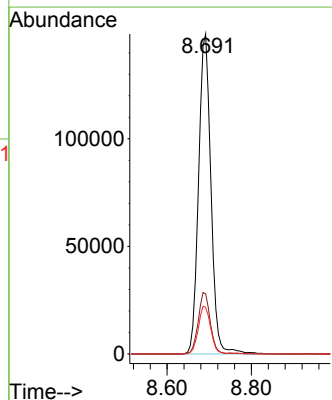
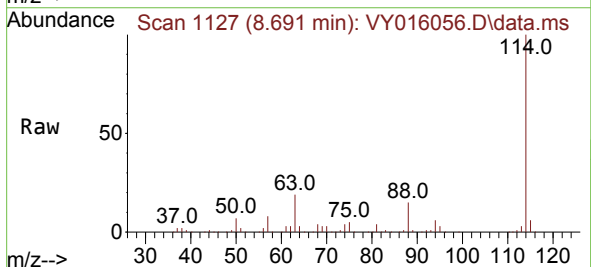
Instrument :
MSVOA_Y
ClientSampleId :

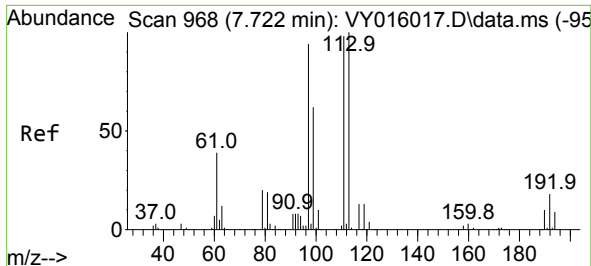
Tgt Ion: 65 Resp: 96979
Ion Ratio Lower Upper
65 100
67 52.8 0.0 101.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY016056.D
Acq: 20 Oct 2023 10:42

Tgt Ion:114 Resp: 303373
Ion Ratio Lower Upper
114 100
63 18.8 0.0 42.4
88 14.6 0.0 30.6

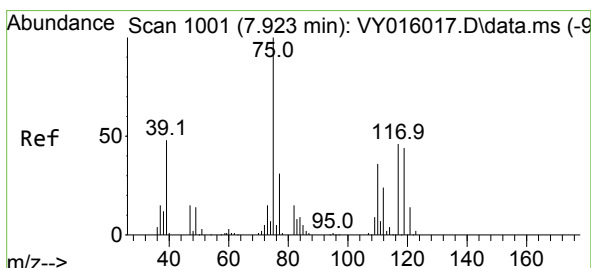
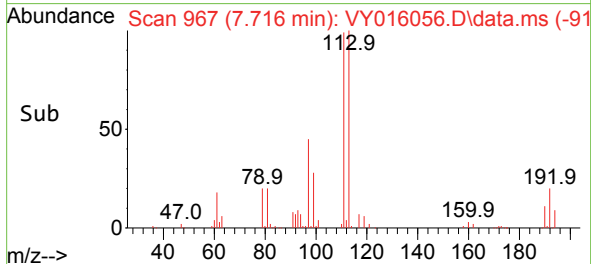
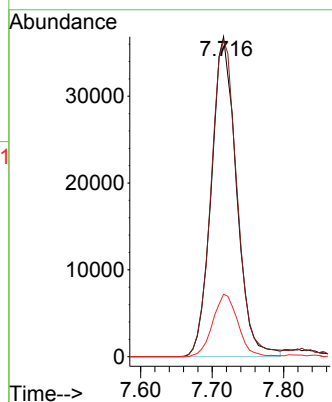
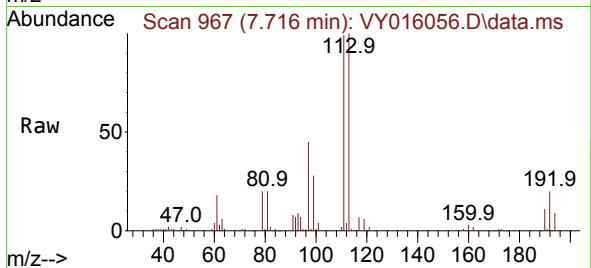




#35
Dibromofluoromethane
Concen: 45.060 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016056.D
Acq: 20 Oct 2023 10:42

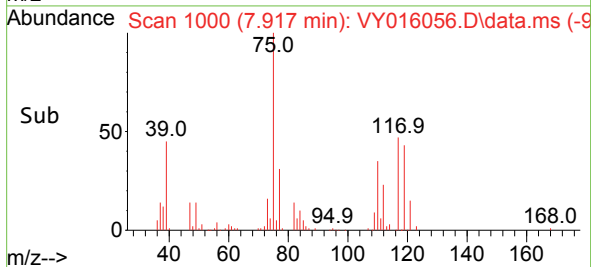
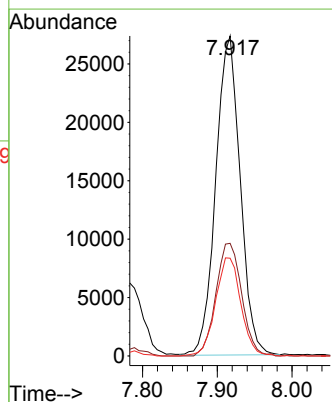
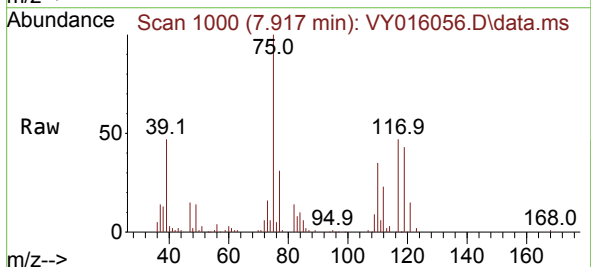
Instrument :
MSVOA_Y
ClientSampleId :

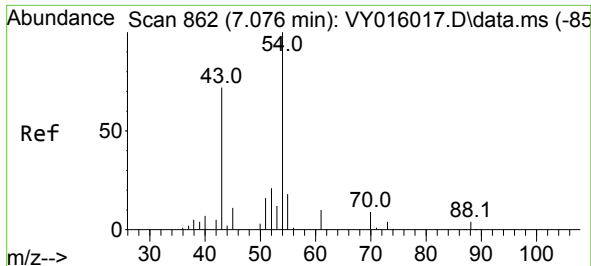
Tgt Ion:113 Resp: 89978
Ion Ratio Lower Upper
113 100
111 102.4 81.3 121.9
192 19.6 16.9 25.3



#36
1,1-Dichloropropene
Concen: 20.674 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.006 min
Lab File: VY016056.D
Acq: 20 Oct 2023 10:42

Tgt Ion: 75 Resp: 62108
Ion Ratio Lower Upper
75 100
110 37.1 17.8 53.5
77 31.9 24.4 36.6





#37

Ethyl Acetate

Concen: 26.526 ug/l

RT: 7.088 min Scan# 80

Delta R.T. 0.012 min

Lab File: VY016056.D

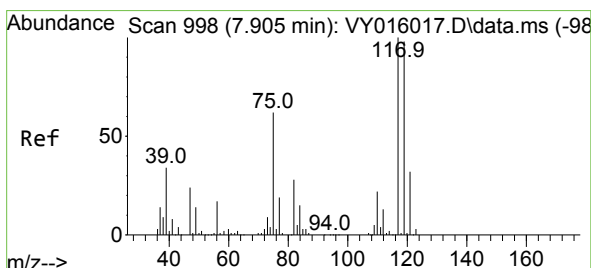
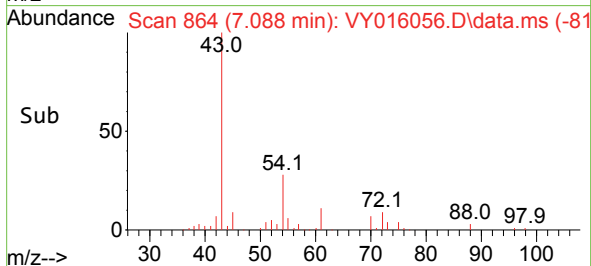
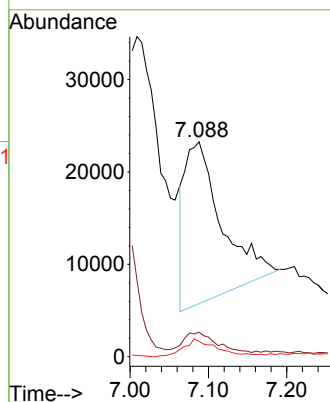
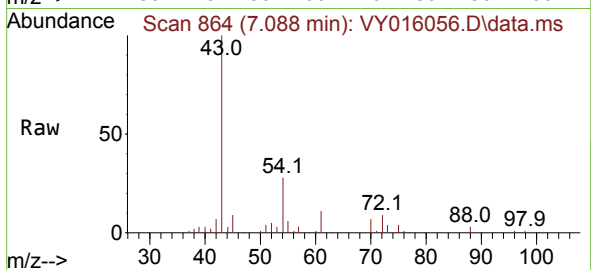
Acq: 20 Oct 2023 10:42

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	43	Resp:	57442
Ion	Ratio	Lower	Upper
43	100		
61	11.8	10.1	15.1
70	9.8	7.1	10.7



#38

Carbon Tetrachloride

Concen: 21.281 ug/l

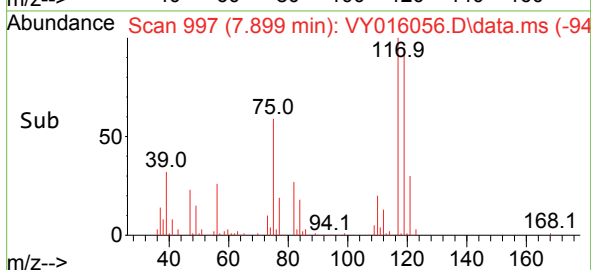
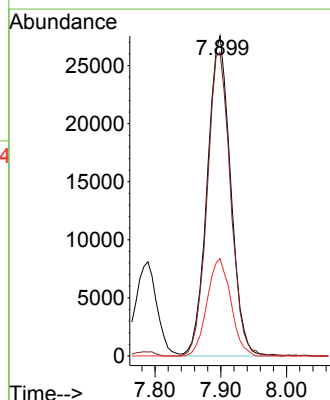
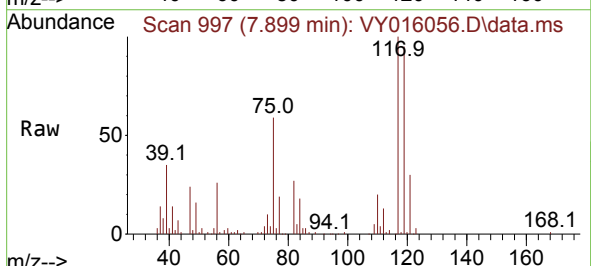
RT: 7.899 min Scan# 997

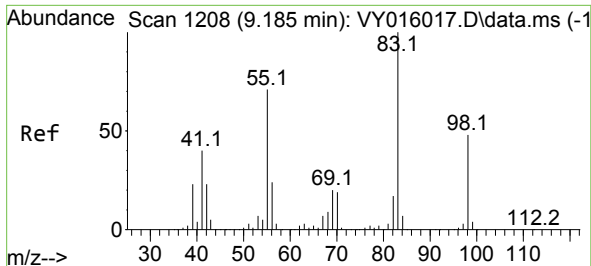
Delta R.T. -0.006 min

Lab File: VY016056.D

Acq: 20 Oct 2023 10:42

Tgt Ion:	117	Resp:	67953
Ion	Ratio	Lower	Upper
117	100		
119	94.8	76.4	114.6
121	30.4	25.8	38.6

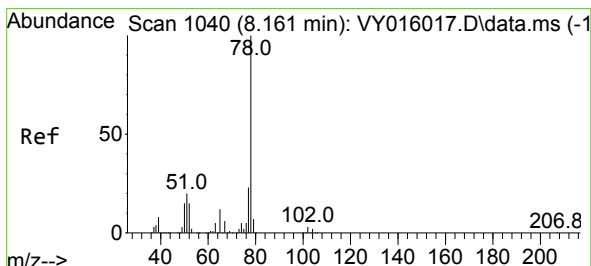
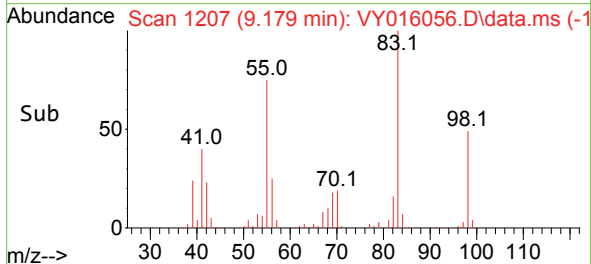
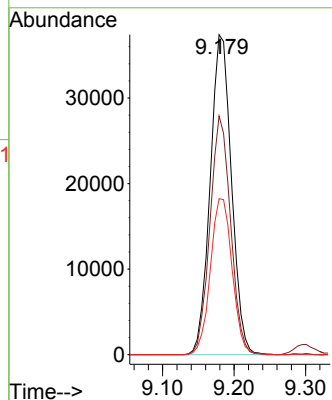
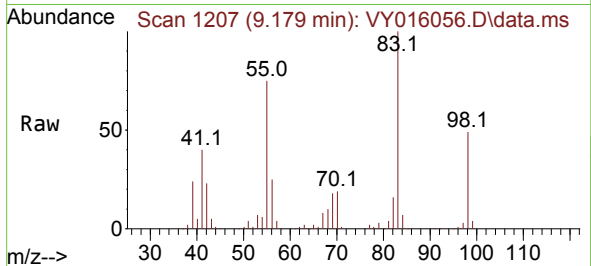




#39
Methylcyclohexane
Concen: 20.586 ug/l
RT: 9.179 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016056.D
Acq: 20 Oct 2023 10:42

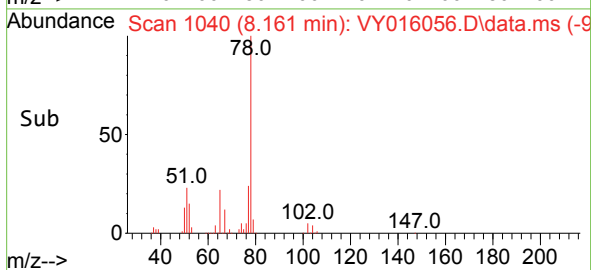
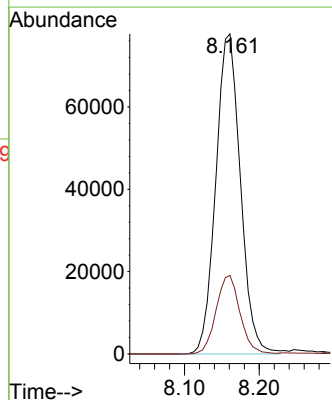
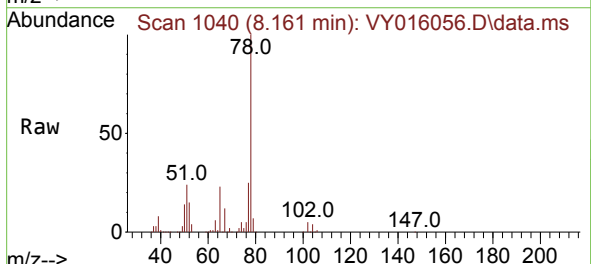
Instrument :
MSVOA_Y
ClientSampleId :

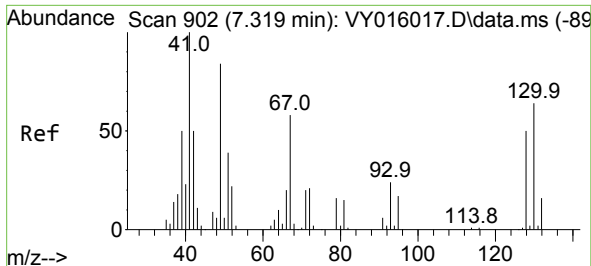
Tgt Ion: 83 Resp: 77289
Ion Ratio Lower Upper
83 100
55 74.6 63.0 94.4
98 48.7 37.4 56.2



#40
Benzene
Concen: 21.018 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY016056.D
Acq: 20 Oct 2023 10:42

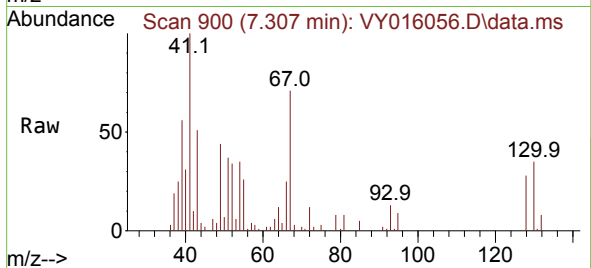
Tgt Ion: 78 Resp: 177965
Ion Ratio Lower Upper
78 100
77 24.6 19.0 28.6



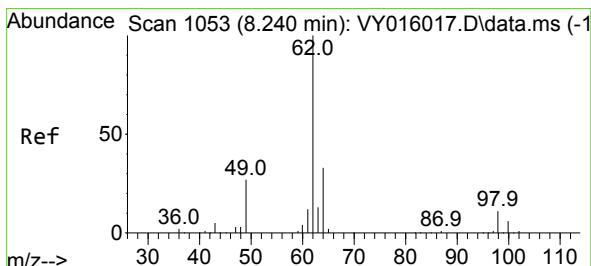
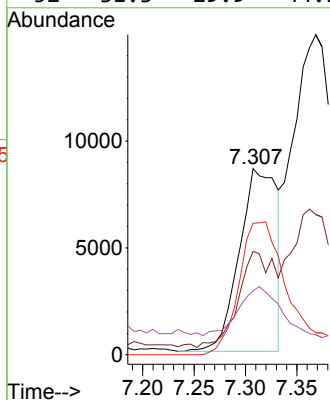
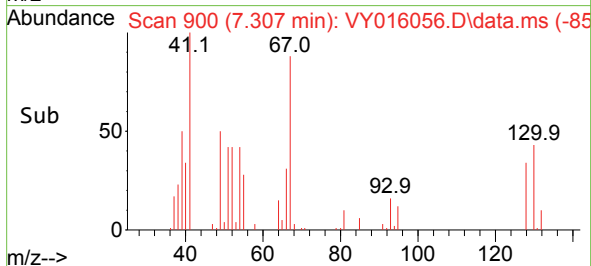


#41
Methacrylonitrile
Concen: 19.350 ug/l
RT: 7.307 min Scan# 90
Delta R.T. -0.012 min
Lab File: VY016056.D
Acq: 20 Oct 2023 10:42

Instrument :
MSVOA_Y
ClientSampleId :

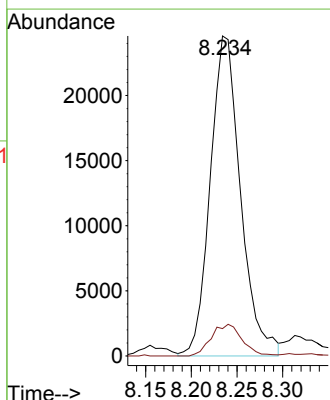
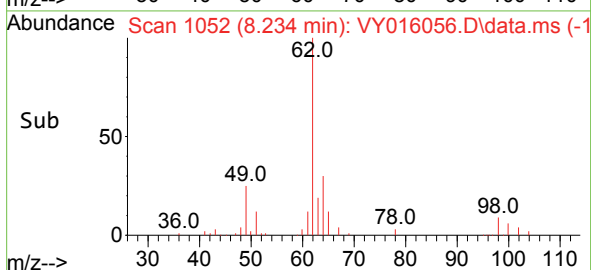
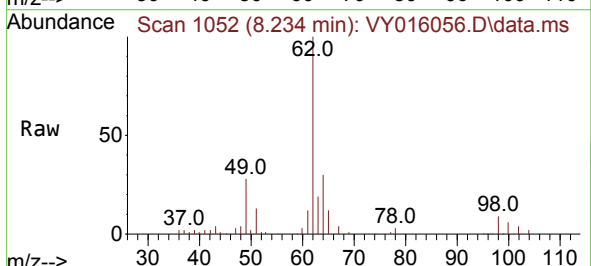


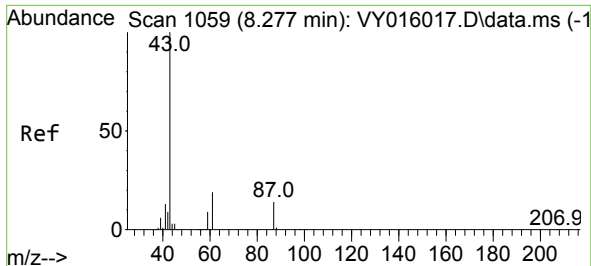
Tgt Ion: 41 Resp: 21737
Ion Ratio Lower Upper
41 100
39 50.5 52.1 78.1#
67 98.7 66.2 99.2
52 31.3 29.9 44.9



#42
1,2-Dichloroethane
Concen: 20.791 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VY016056.D
Acq: 20 Oct 2023 10:42

Tgt Ion: 62 Resp: 56707
Ion Ratio Lower Upper
62 100
98 10.1 0.0 15.8

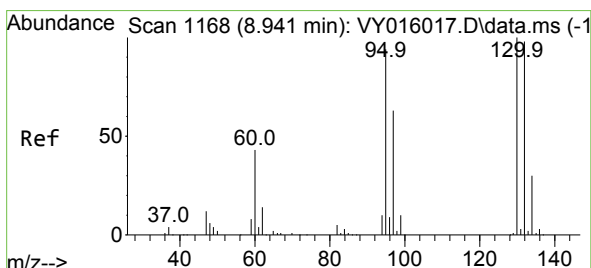
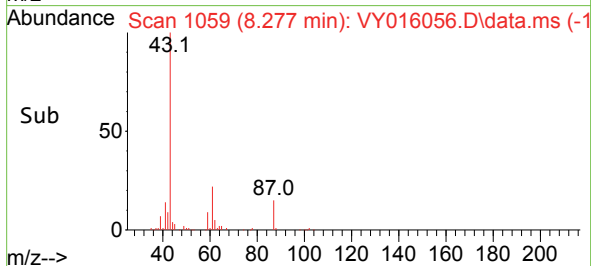
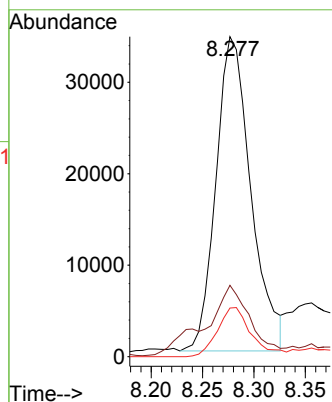
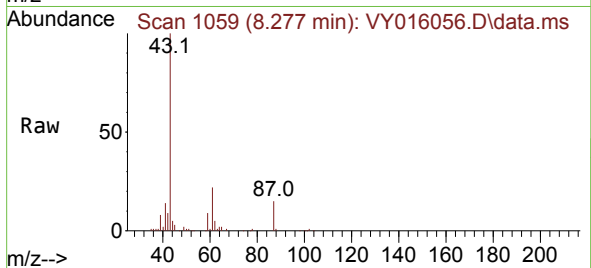




#43
Isopropyl Acetate
Concen: 21.483 ug/l
RT: 8.277 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VY016056.D
Acq: 20 Oct 2023 10:42

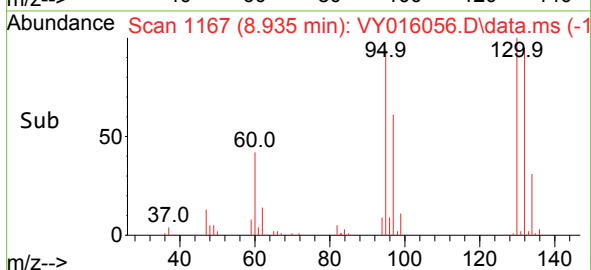
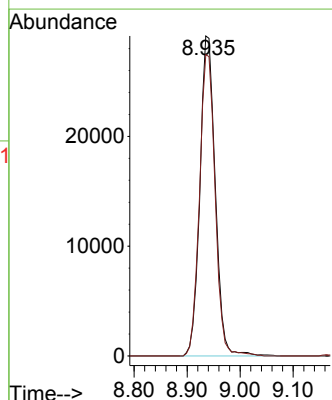
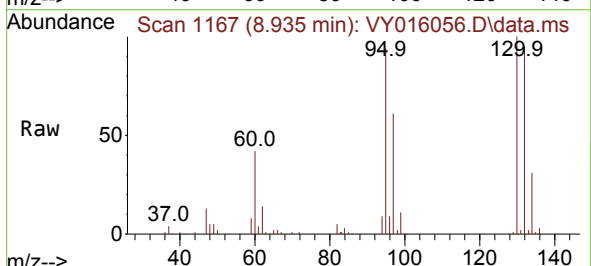
Instrument :
MSVOA_Y
ClientSampleId :

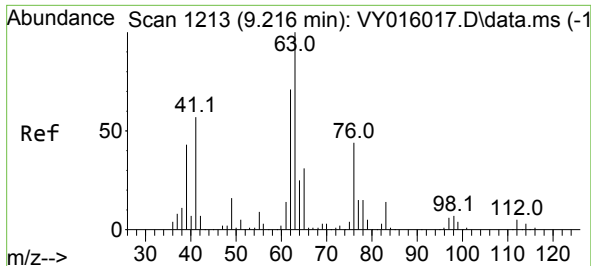
Tgt Ion: 43 Resp: 81336
Ion Ratio Lower Upper
43 100
61 29.0 21.1 31.7
87 15.2 9.8 14.8#



#44
Trichloroethene
Concen: 24.722 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.006 min
Lab File: VY016056.D
Acq: 20 Oct 2023 10:42

Tgt Ion:130 Resp: 58693
Ion Ratio Lower Upper
130 100
95 94.1 0.0 196.0

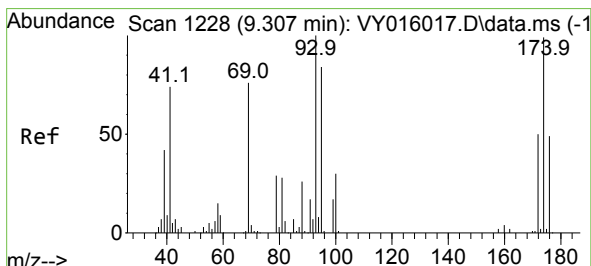
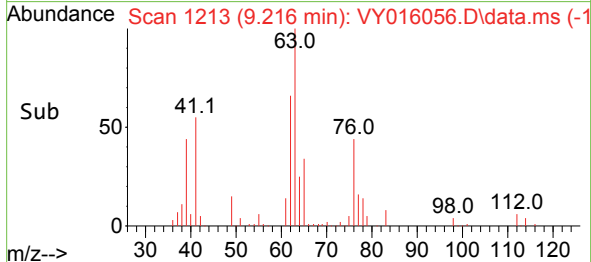
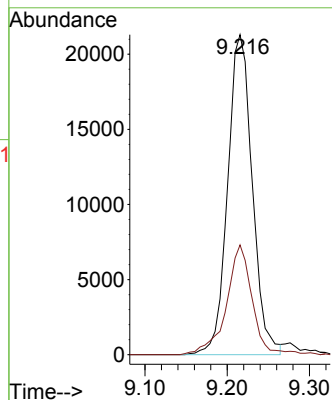
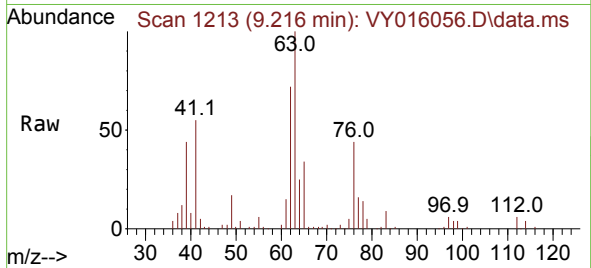




#45
1,2-Dichloropropane
Concen: 20.927 ug/l
RT: 9.216 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY016056.D
Acq: 20 Oct 2023 10:42

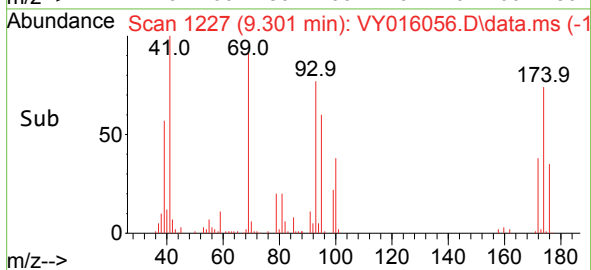
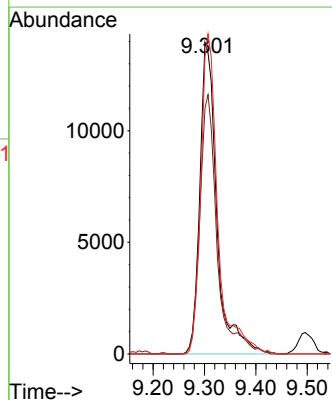
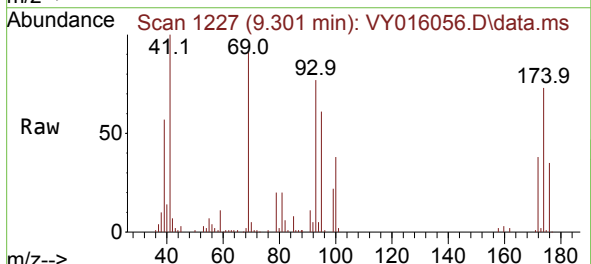
Instrument :
MSVOA_Y
ClientSampleId :

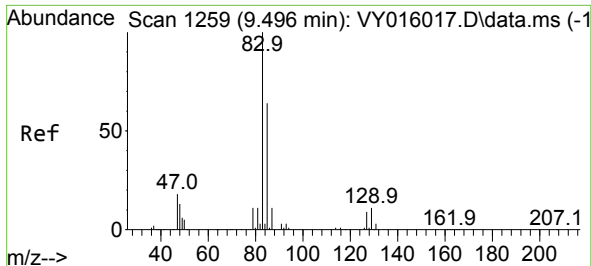
Tgt Ion: 63 Resp: 44345
Ion Ratio Lower Upper
63 100
65 34.3 23.8 35.6



#46
Dibromomethane
Concen: 22.899 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. -0.006 min
Lab File: VY016056.D
Acq: 20 Oct 2023 10:42

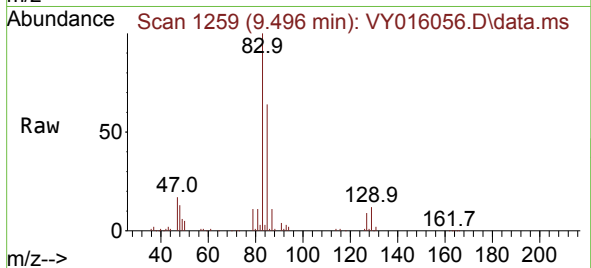
Tgt Ion: 93 Resp: 32214
Ion Ratio Lower Upper
93 100
95 83.5 66.6 100.0
174 101.6 84.8 127.2



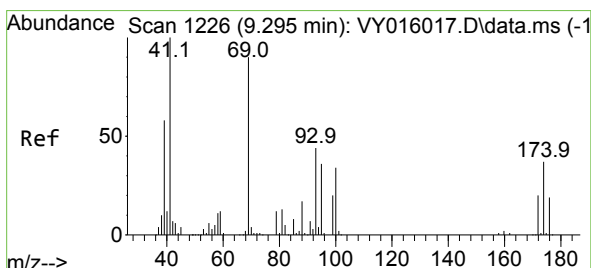
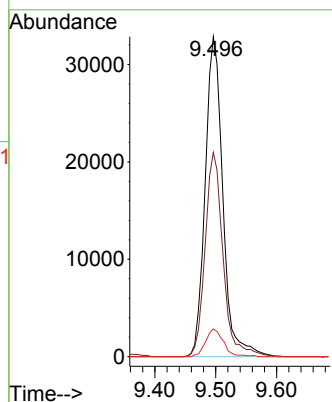
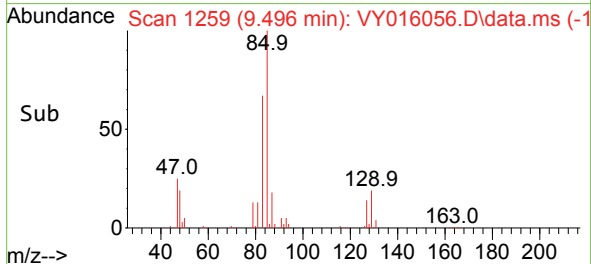


#47
Bromodichloromethane
Concen: 21.461 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY016056.D
Acq: 20 Oct 2023 10:42

Instrument :
MSVOA_Y
ClientSampleId :

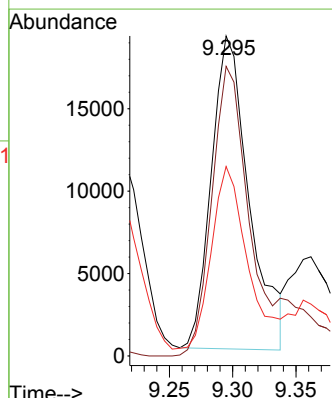
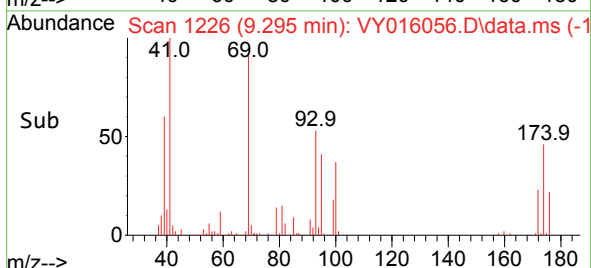
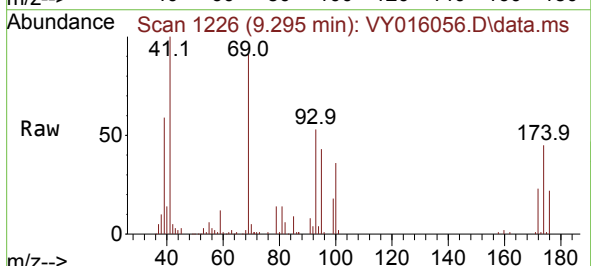


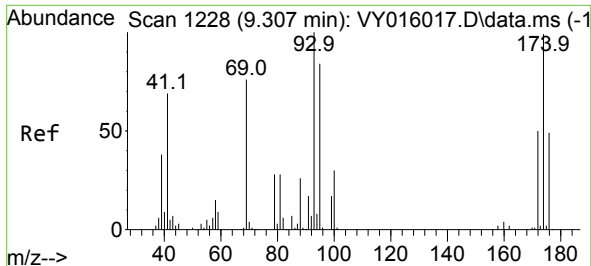
Tgt Ion: 83 Resp: 66170
Ion Ratio Lower Upper
83 100
85 63.8 50.1 75.1
127 8.7 7.1 10.7



#48
Methyl methacrylate
Concen: 22.924 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. -0.000 min
Lab File: VY016056.D
Acq: 20 Oct 2023 10:42

Tgt Ion: 41 Resp: 39508
Ion Ratio Lower Upper
41 100
69 110.5 64.5 96.7#
39 56.0 50.8 76.2





#49

1,4-Dioxane

Concen: 636.366 ug/l

RT: 9.386 min Scan# 11

Delta R.T. 0.079 min

Lab File: VY016056.D

Acq: 20 Oct 2023 10:42

Instrument :

MSVOA_Y

ClientSampleId :

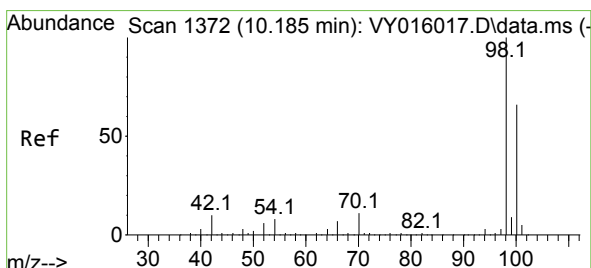
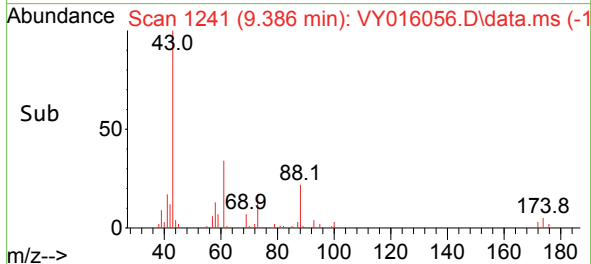
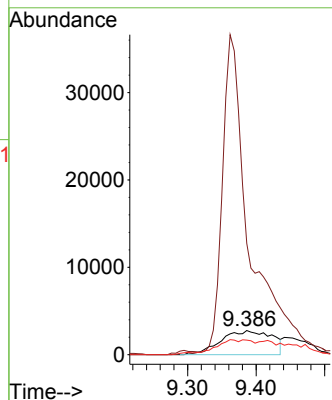
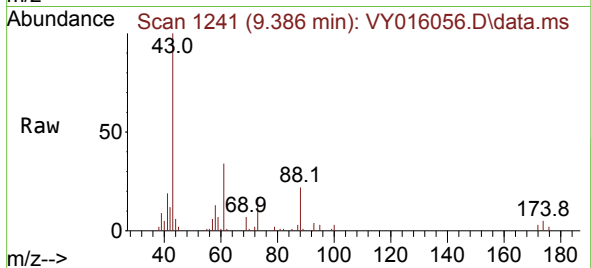
Tgt Ion: 88 Resp: 14255

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 0.0 30.9 46.3#



#50

Toluene-d8

Concen: 47.237 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.006 min

Lab File: VY016056.D

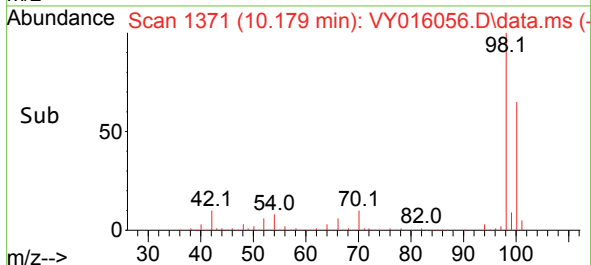
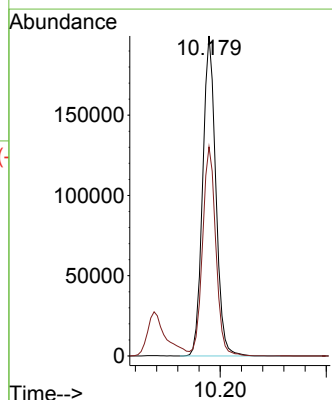
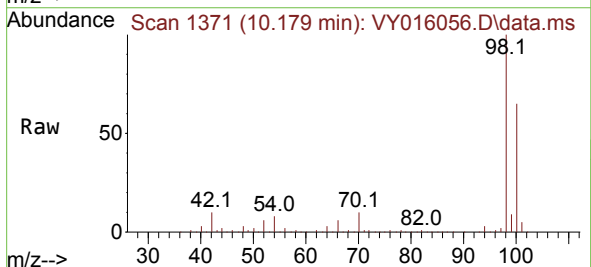
Acq: 20 Oct 2023 10:42

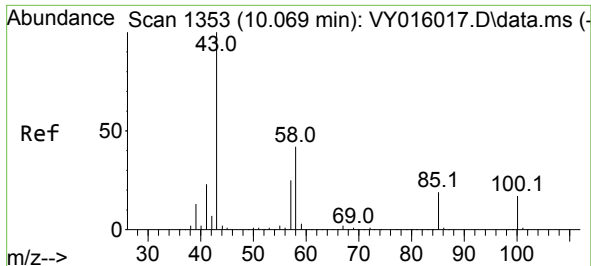
Tgt Ion: 98 Resp: 342572

Ion Ratio Lower Upper

98 100

100 66.0 50.1 75.1





#51

4-Methyl-2-Pentanone

Concen: 176.834 ug/l

RT: 10.075 min Scan# 1353

Delta R.T. 0.006 min

Lab File: VY016056.D

Acq: 20 Oct 2023 10:42

Instrument :

MSVOA_Y

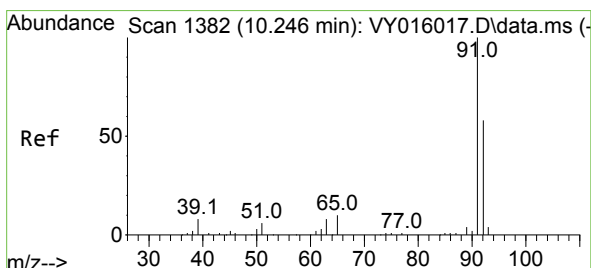
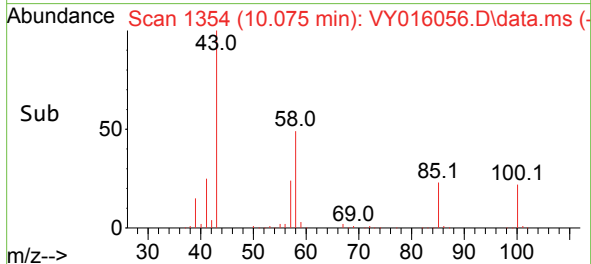
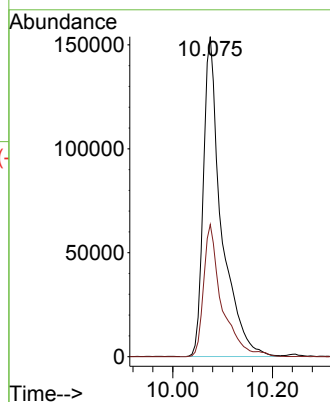
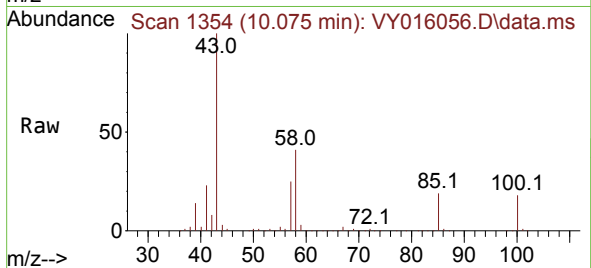
ClientSampleId :

Tgt Ion: 43 Resp: 385010

Ion Ratio Lower Upper

43 100

58 41.8 29.0 43.6



#52

Toluene

Concen: 21.675 ug/l

RT: 10.246 min Scan# 1382

Delta R.T. 0.000 min

Lab File: VY016056.D

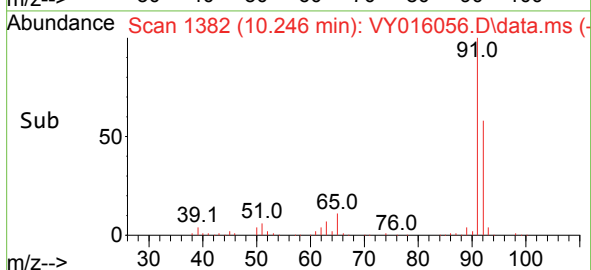
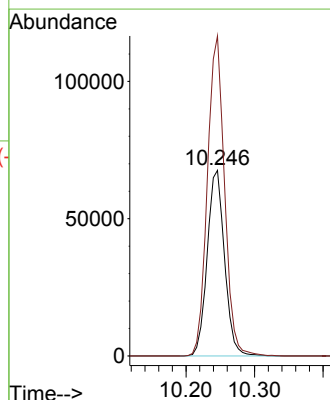
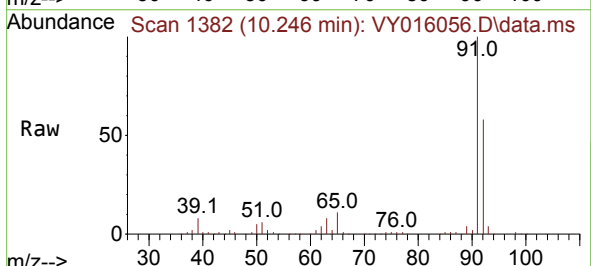
Acq: 20 Oct 2023 10:42

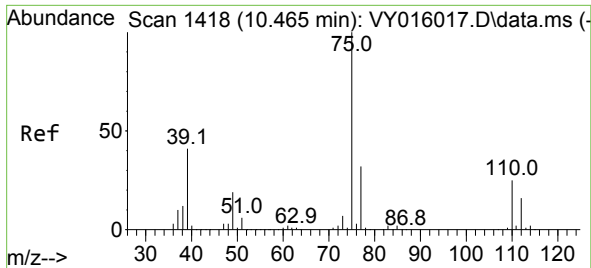
Tgt Ion: 92 Resp: 119038

Ion Ratio Lower Upper

92 100

91 170.6 143.8 215.6

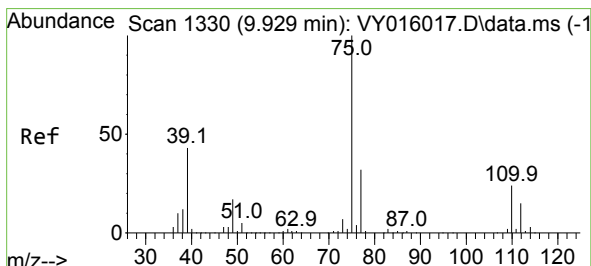
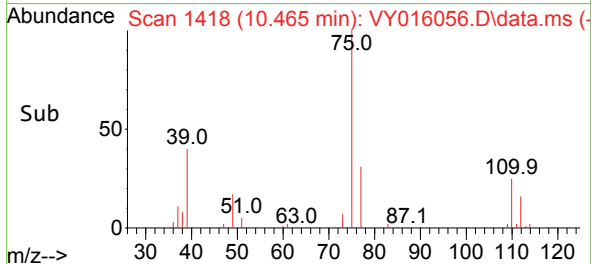
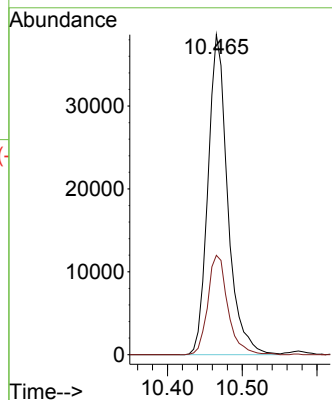
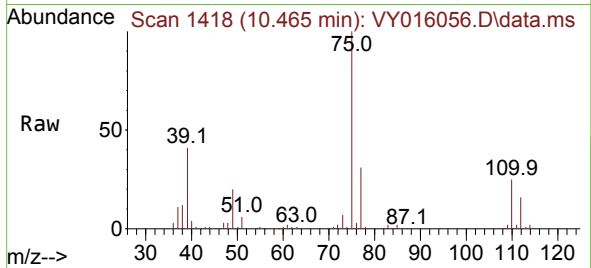




#53
 t-1,3-Dichloropropene
 Concen: 21.149 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. 0.000 min
 Lab File: VY016056.D
 Acq: 20 Oct 2023 10:42

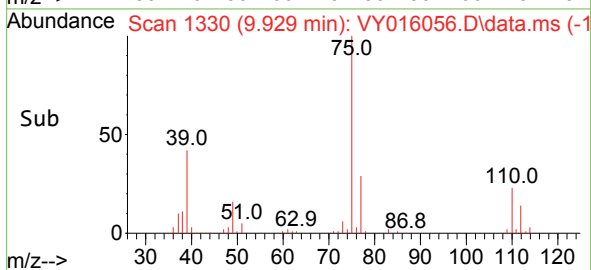
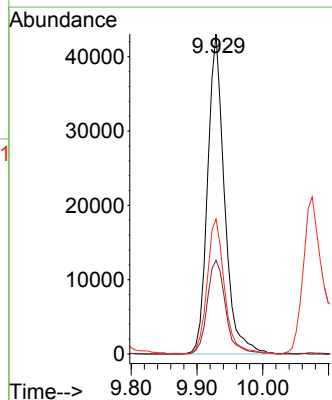
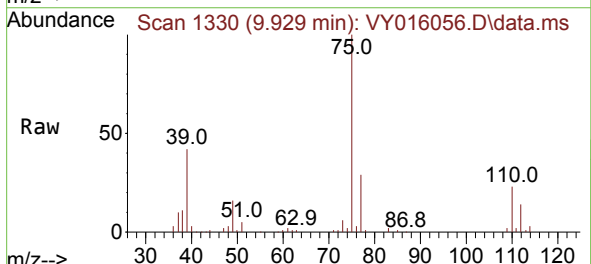
Instrument :
 MSVOA_Y
 ClientSampleId :

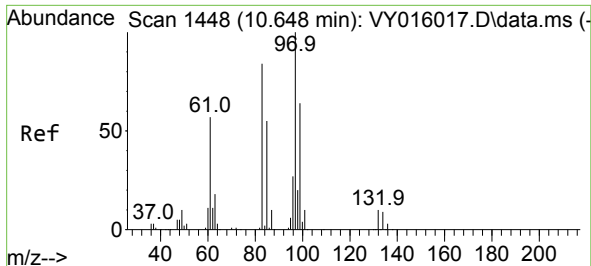
Tgt Ion: 75 Resp: 70640
 Ion Ratio Lower Upper
 75 100
 77 31.1 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 21.138 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. 0.000 min
 Lab File: VY016056.D
 Acq: 20 Oct 2023 10:42

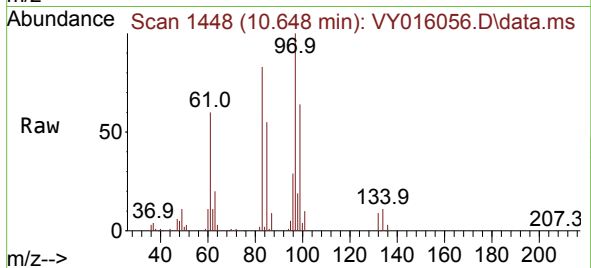
Tgt Ion: 75 Resp: 76962
 Ion Ratio Lower Upper
 75 100
 77 29.2 24.2 36.4
 39 42.1 42.2 63.4#



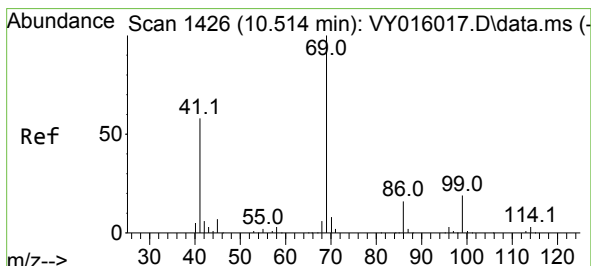
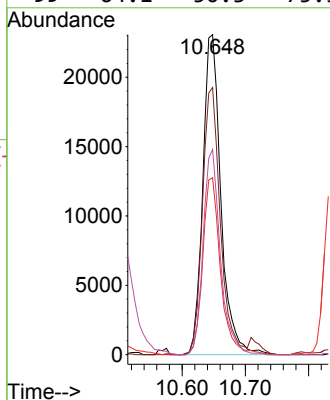
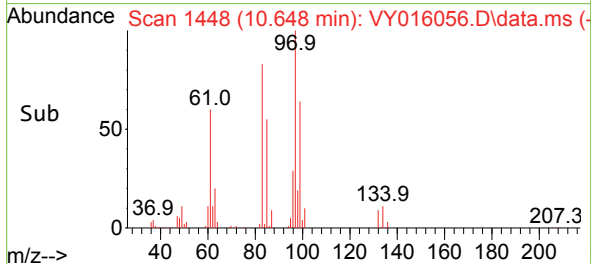


#55
1,1,2-Trichloroethane
Concen: 23.824 ug/l
RT: 10.648 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VY016056.D
Acq: 20 Oct 2023 10:42

Instrument :
MSVOA_Y
ClientSampleId :

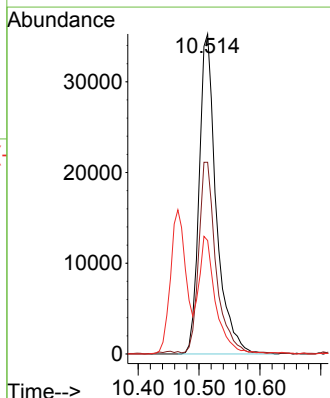
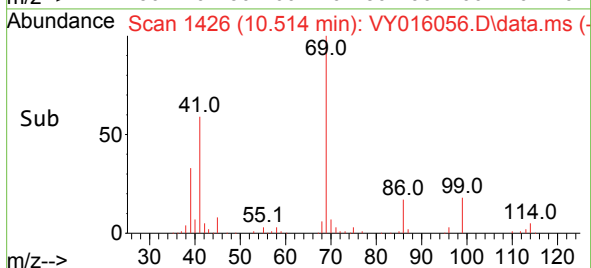
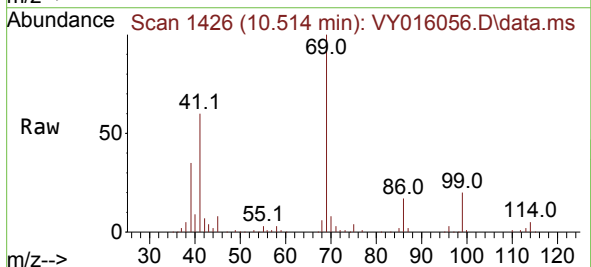


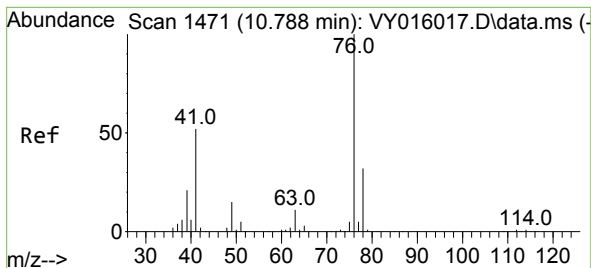
Tgt Ion:	97	Resp:	46044
Ion	Ratio	Lower	Upper
97	100		
83	83.5	72.0	108.0
85	55.3	45.4	68.0
99	64.1	50.3	75.5



#56
Ethyl methacrylate
Concen: 24.450 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. 0.000 min
Lab File: VY016056.D
Acq: 20 Oct 2023 10:42

Tgt Ion:	69	Resp:	69059
Ion	Ratio	Lower	Upper
69	100		
41	61.5	57.6	86.4
39	35.7	34.1	51.1





#57

1,3-Dichloropropane

Concen: 22.888 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY016056.D

Acq: 20 Oct 2023 10:42

Instrument :

MSVOA_Y

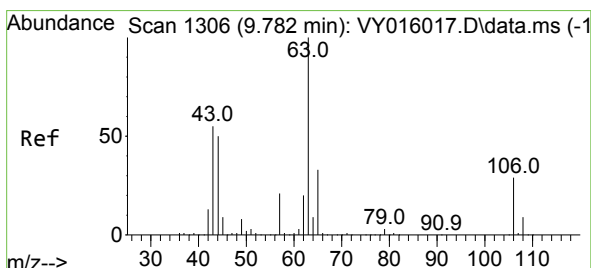
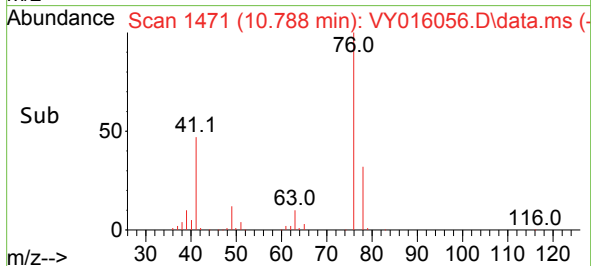
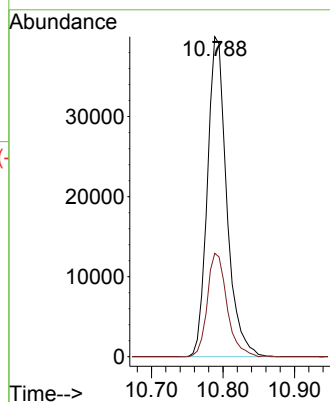
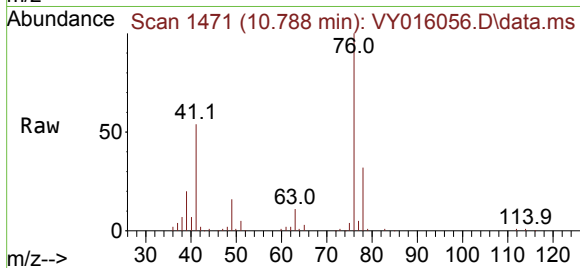
ClientSampleId :

Tgt Ion: 76 Resp: 75042

Ion Ratio Lower Upper

76 100

78 32.9 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 120.831 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY016056.D

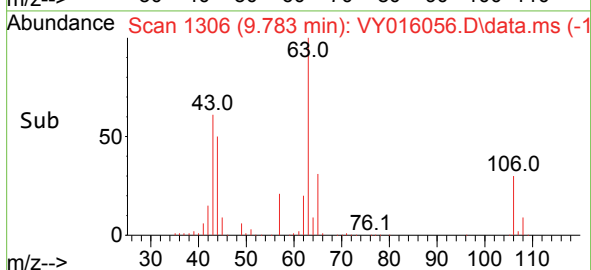
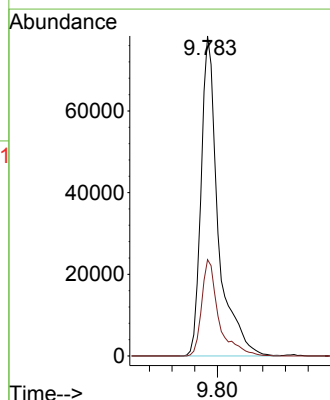
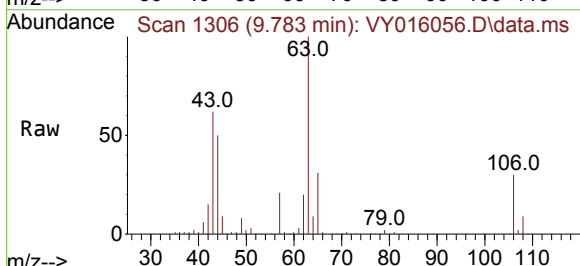
Acq: 20 Oct 2023 10:42

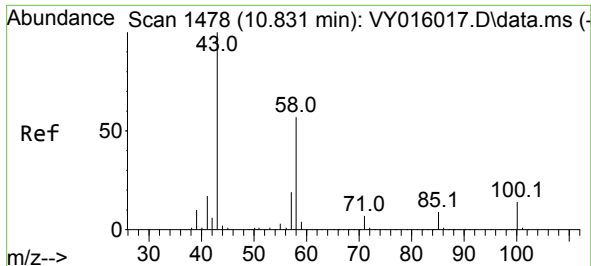
Tgt Ion: 63 Resp: 163927

Ion Ratio Lower Upper

63 100

106 30.0 21.2 31.8

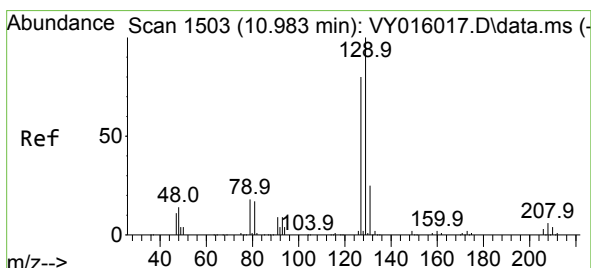
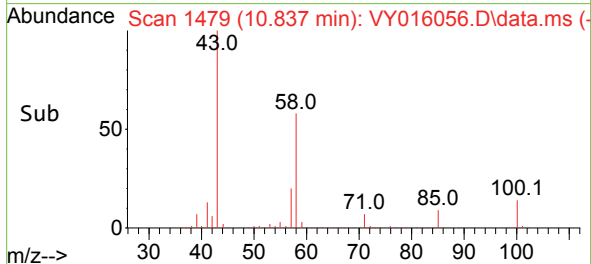
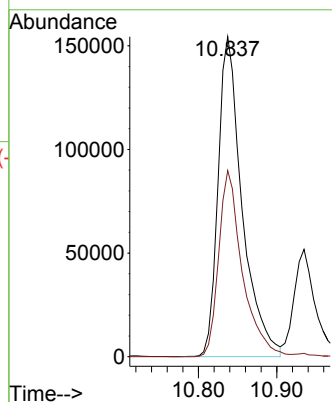
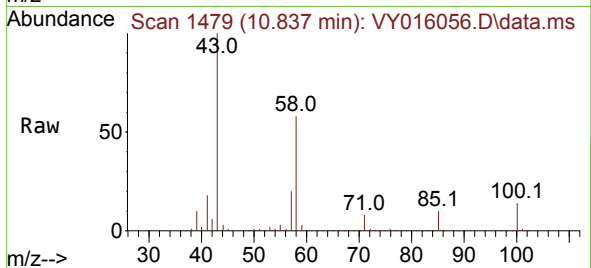




#59
2-Hexanone
Concen: 199.015 ug/l
RT: 10.837 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VY016056.D
Acq: 20 Oct 2023 10:42

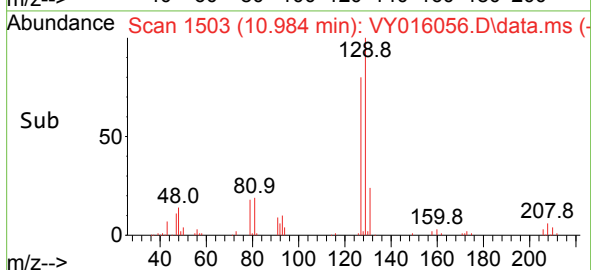
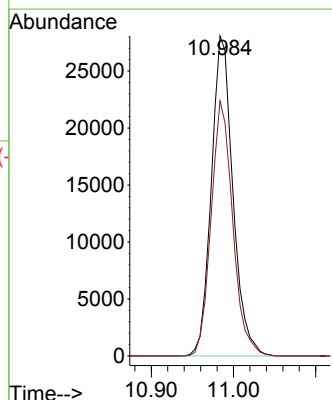
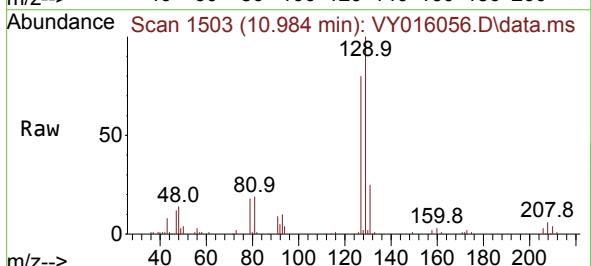
Instrument :
MSVOA_Y
ClientSampleId :

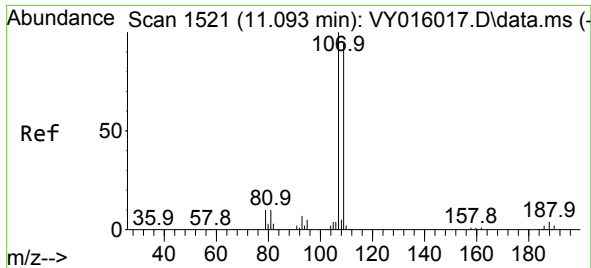
Tgt Ion: 43 Resp: 329666
Ion Ratio Lower Upper
43 100
58 57.3 25.1 75.3



#60
Dibromochloromethane
Concen: 21.895 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY016056.D
Acq: 20 Oct 2023 10:42

Tgt Ion: 129 Resp: 51176
Ion Ratio Lower Upper
129 100
127 79.8 38.5 115.5

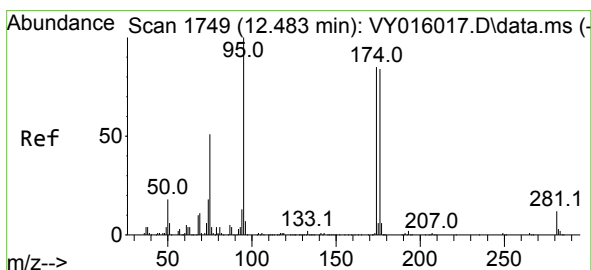
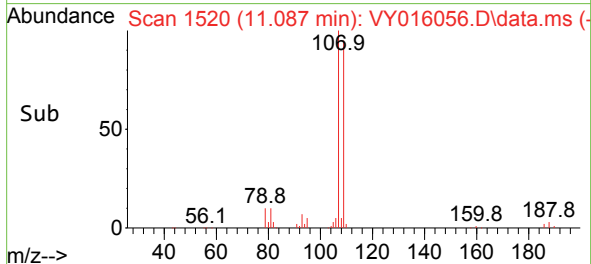
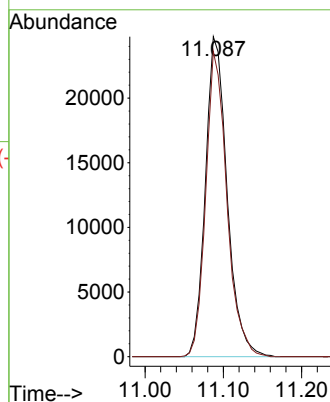
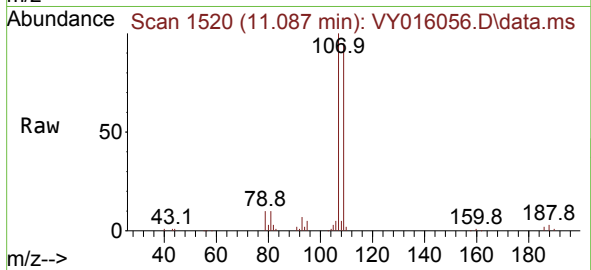




#61
1,2-Dibromoethane
Concen: 24.301 ug/l
RT: 11.087 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016056.D
Acq: 20 Oct 2023 10:42

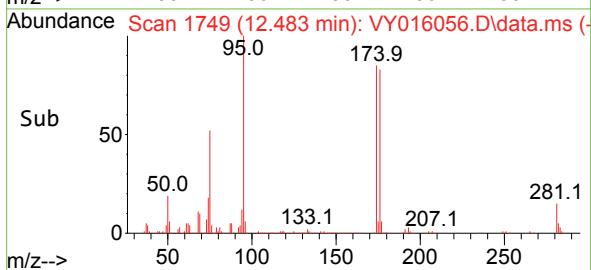
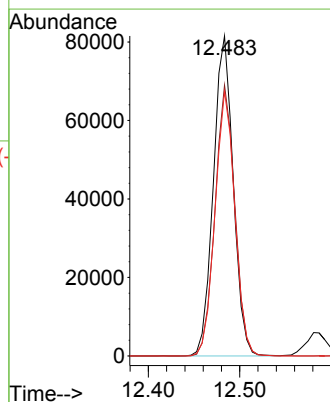
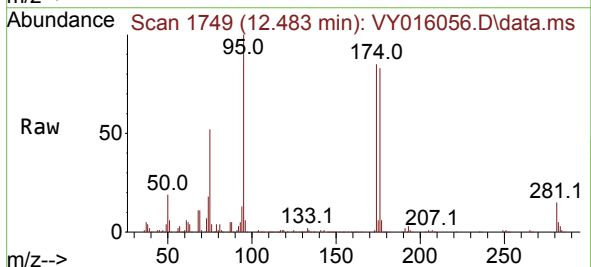
Instrument :
MSVOA_Y
ClientSampleId :

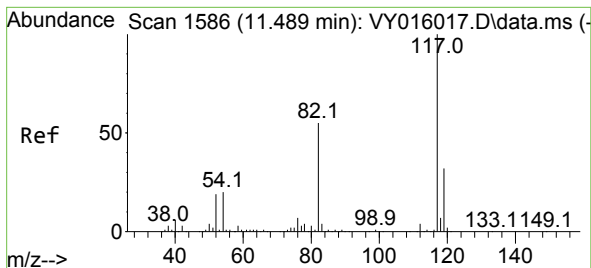
Tgt Ion:107 Resp: 47797
Ion Ratio Lower Upper
107 100
109 92.5 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 47.496 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY016056.D
Acq: 20 Oct 2023 10:42

Tgt Ion: 95 Resp: 122904
Ion Ratio Lower Upper
95 100
174 84.5 0.0 178.2
176 82.5 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY016056.D

Acq: 20 Oct 2023 10:42

Instrument :

MSVOA_Y

ClientSampleId :

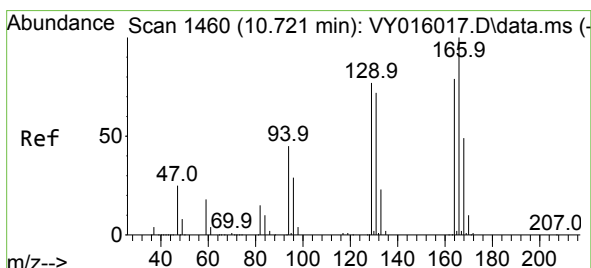
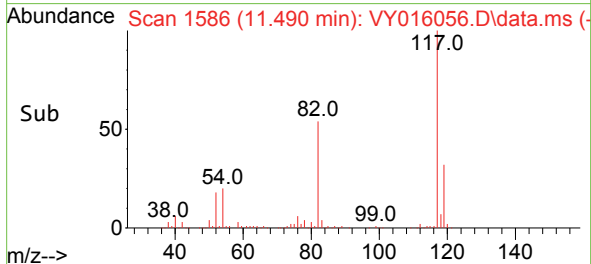
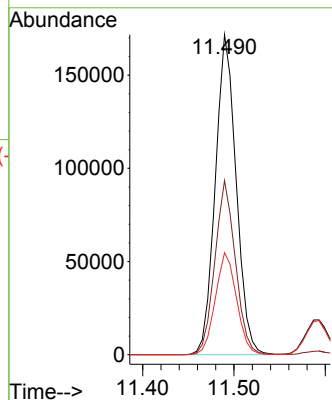
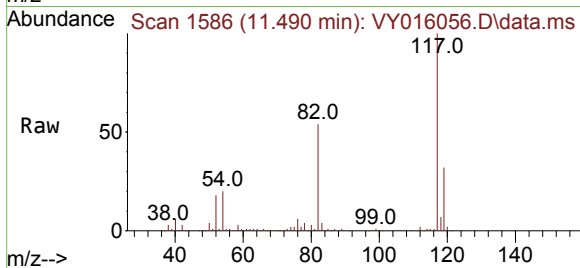
Tgt Ion:117 Resp: 273122

Ion Ratio Lower Upper

117 100

82 54.4 43.4 65.0

119 31.8 26.3 39.5



#64

Tetrachloroethene

Concen: 26.110 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VY016056.D

Acq: 20 Oct 2023 10:42

Tgt Ion:164 Resp: 55296

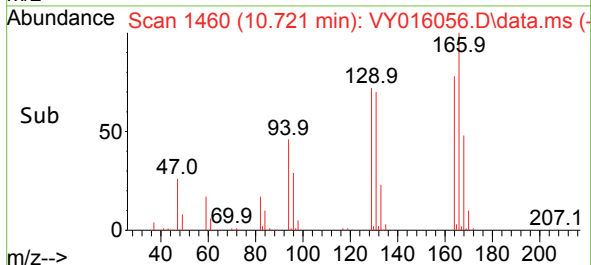
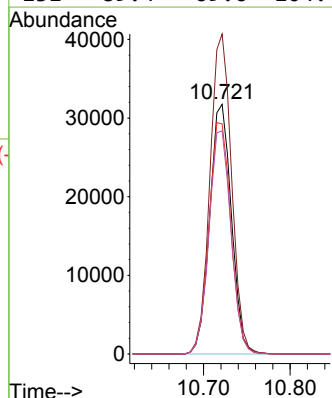
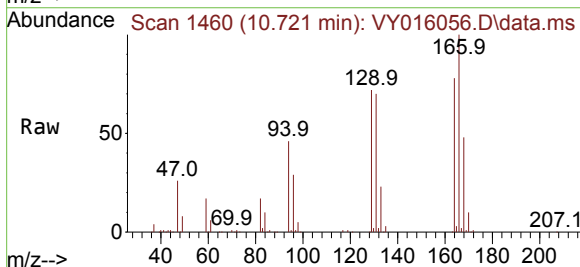
Ion Ratio Lower Upper

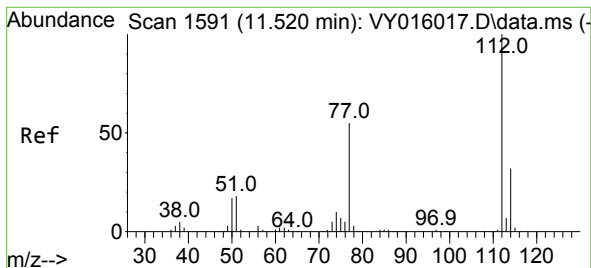
164 100

166 128.2 103.0 154.6

129 92.2 77.2 115.8

131 89.4 69.6 104.4

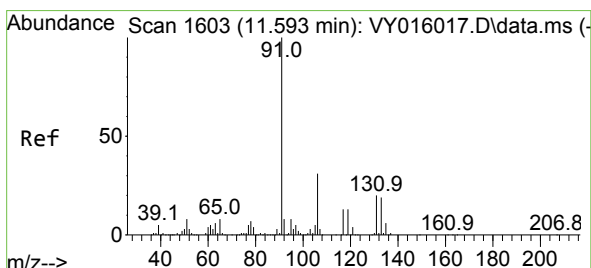
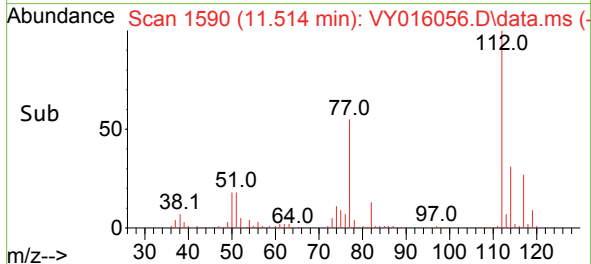
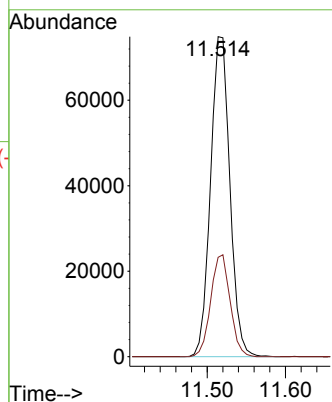
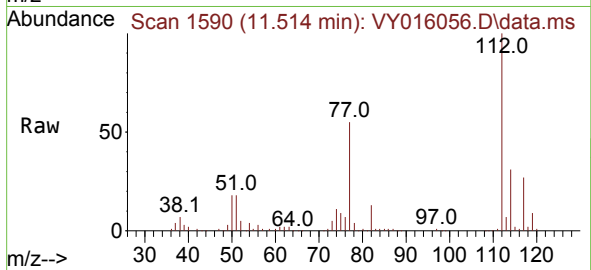




#65
Chlorobenzene
Concen: 21.690 ug/l
RT: 11.514 min Scan# 1150
Delta R.T. -0.006 min
Lab File: VY016056.D
Acq: 20 Oct 2023 10:42

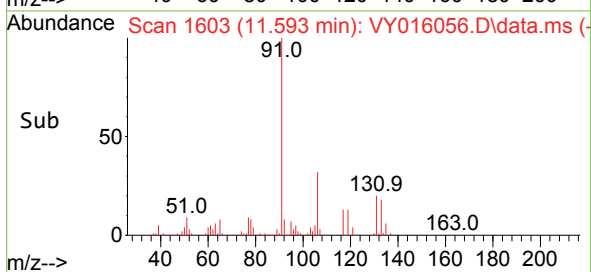
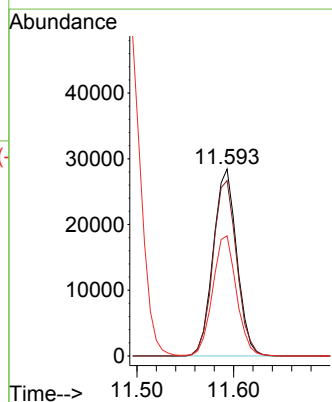
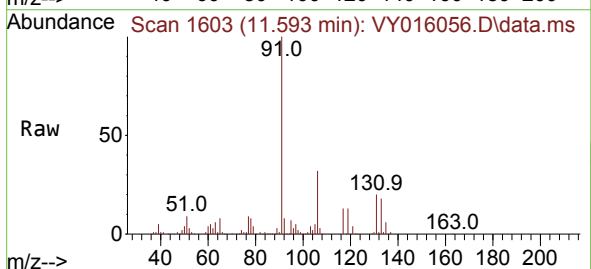
Instrument :
MSVOA_Y
ClientSampleId :

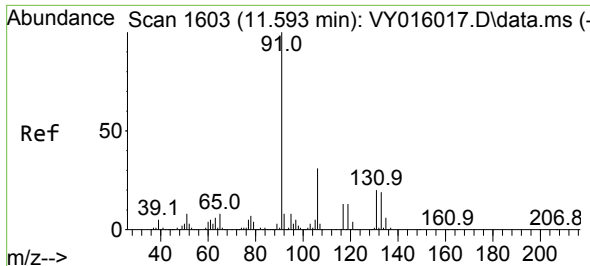
Tgt Ion:112 Resp: 128296
Ion Ratio Lower Upper
112 100
114 31.0 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 21.572 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY016056.D
Acq: 20 Oct 2023 10:42

Tgt Ion:131 Resp: 48094
Ion Ratio Lower Upper
131 100
133 95.0 47.5 142.6
119 65.1 31.6 94.7

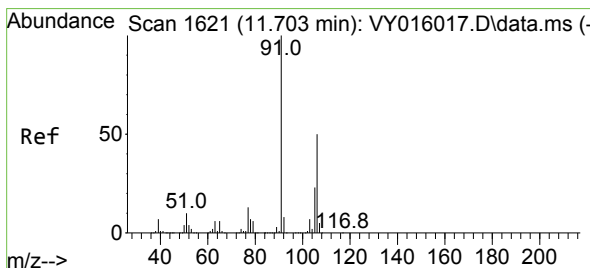
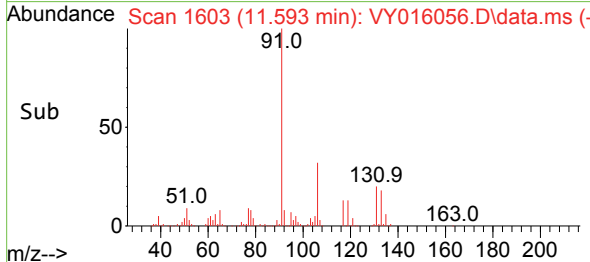
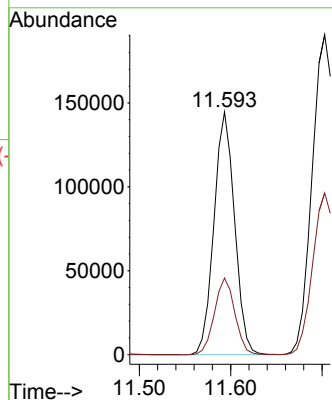
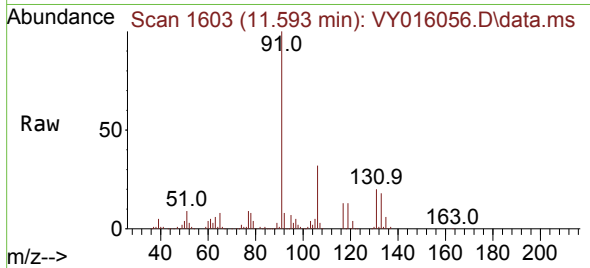




#67
Ethyl Benzene
Concen: 21.630 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY016056.D
Acq: 20 Oct 2023 10:42

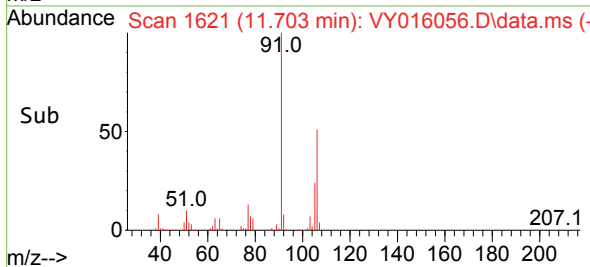
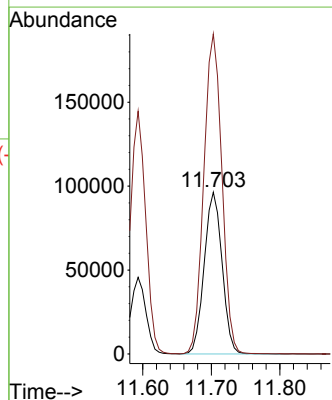
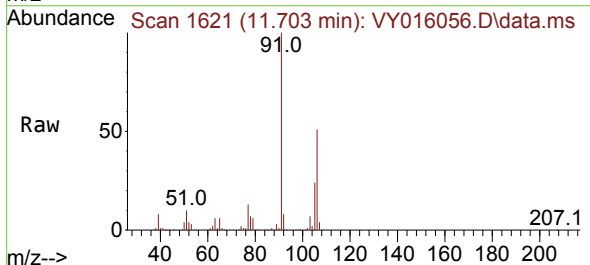
Instrument :
MSVOA_Y
ClientSampleId :

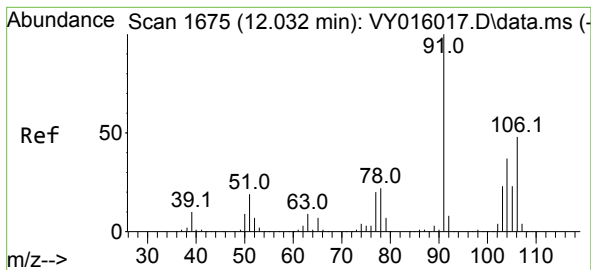
Tgt Ion: 91 Resp: 226393
Ion Ratio Lower Upper
91 100
106 31.6 24.6 36.8



#68
m/p-Xylenes
Concen: 42.912 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VY016056.D
Acq: 20 Oct 2023 10:42

Tgt Ion:106 Resp: 175143
Ion Ratio Lower Upper
106 100
91 199.8 166.1 249.1





#69

o-Xylene

Concen: 21.092 ug/l

RT: 12.032 min Scan# 1675

Delta R.T. 0.000 min

Lab File: VY016056.D

Acq: 20 Oct 2023 10:42

Instrument :

MSVOA_Y

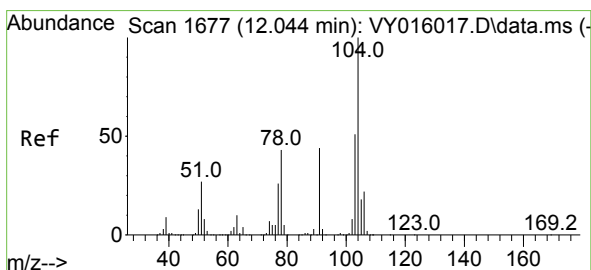
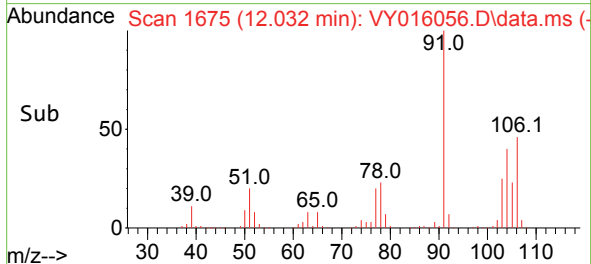
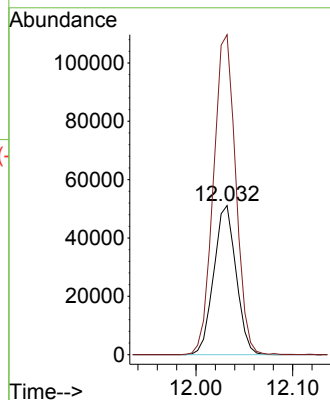
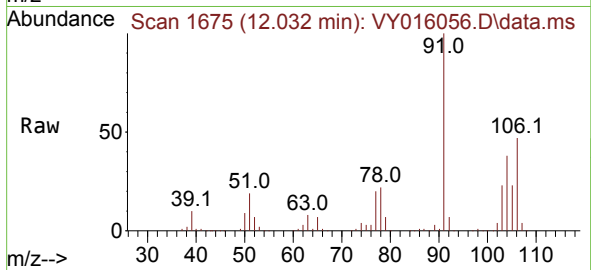
ClientSampleId :

Tgt Ion:106 Resp: 81895

Ion Ratio Lower Upper

106 100

91 214.2 108.1 324.3



#70

Styrene

Concen: 21.445 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY016056.D

Acq: 20 Oct 2023 10:42

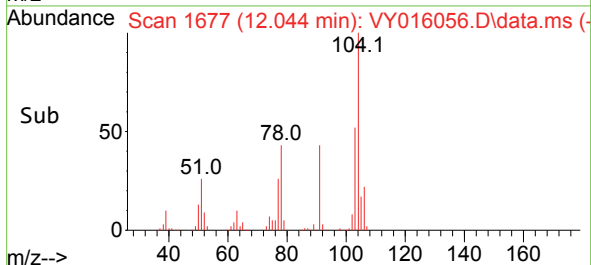
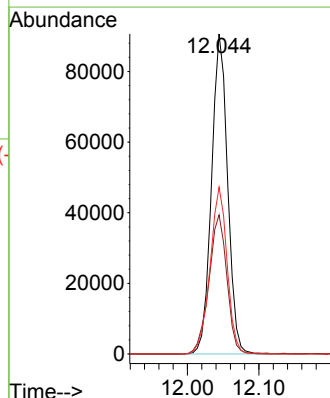
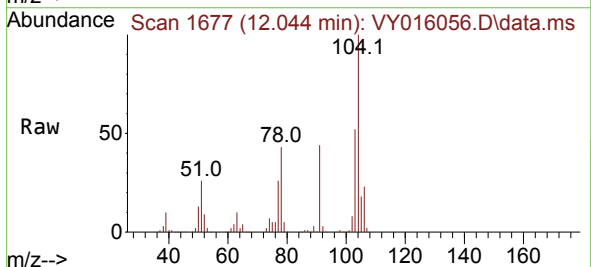
Tgt Ion:104 Resp: 141919

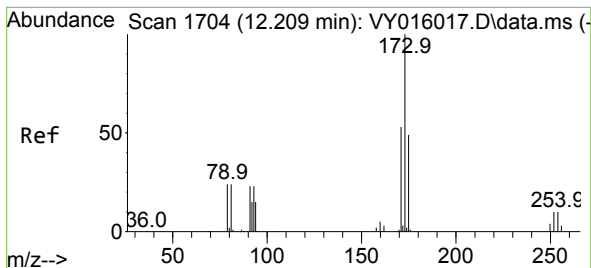
Ion Ratio Lower Upper

104 100

78 48.2 41.5 62.3

103 55.2 44.6 67.0





#71

Bromoform

Concen: 24.498 ug/l

RT: 12.209 min Scan# 11

Delta R.T. 0.000 min

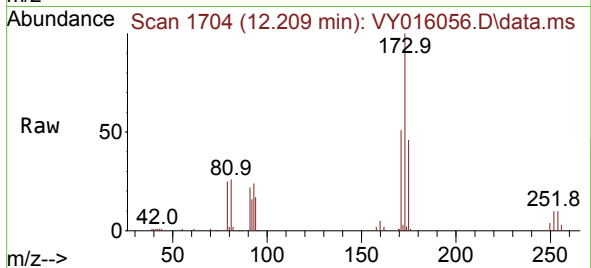
Lab File: VY016056.D

Acq: 20 Oct 2023 10:42

Instrument :

MSVOA_Y

ClientSampleId :



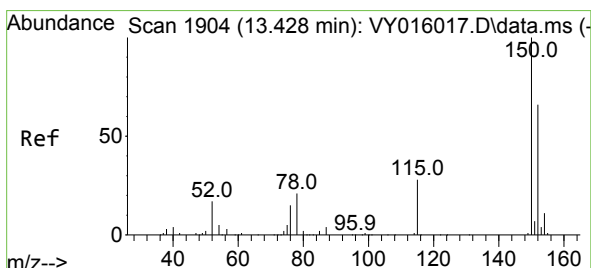
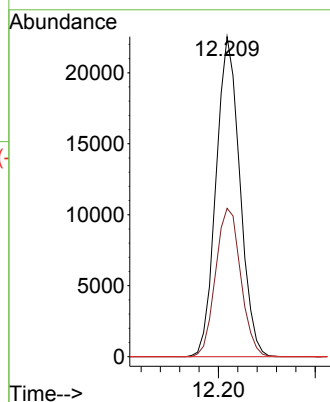
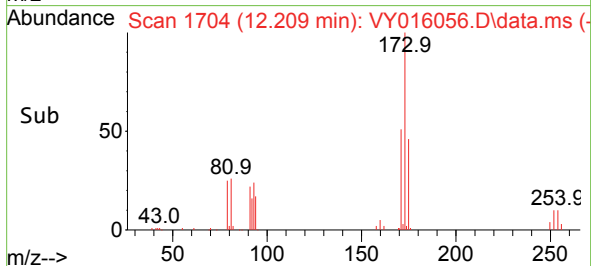
Tgt Ion:173 Resp: 38431

Ion Ratio Lower Upper

173 100

175 49.1 24.6 73.8

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY016056.D

Acq: 20 Oct 2023 10:42

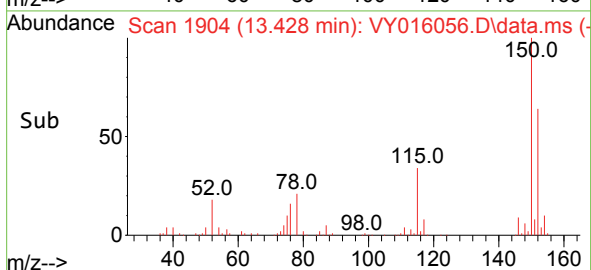
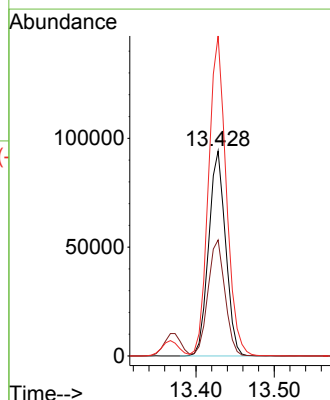
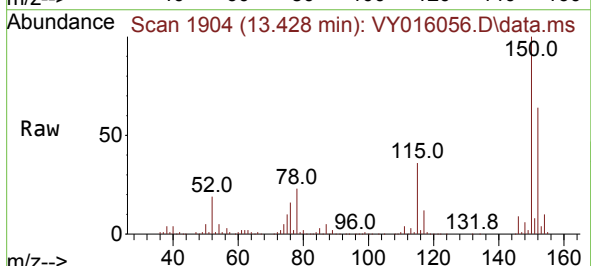
Tgt Ion:152 Resp: 141222

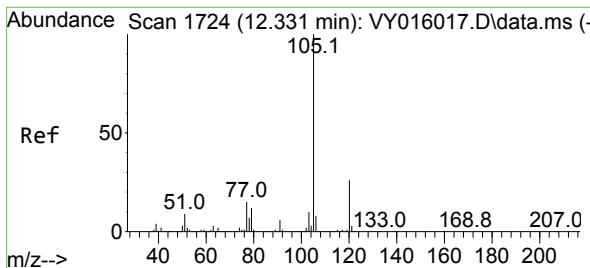
Ion Ratio Lower Upper

152 100

115 57.0 28.8 86.5

150 163.5 0.0 348.8





#73

Isopropylbenzene

Concen: 20.859 ug/l

RT: 12.331 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY016056.D

Acq: 20 Oct 2023 10:42

Instrument :

MSVOA_Y

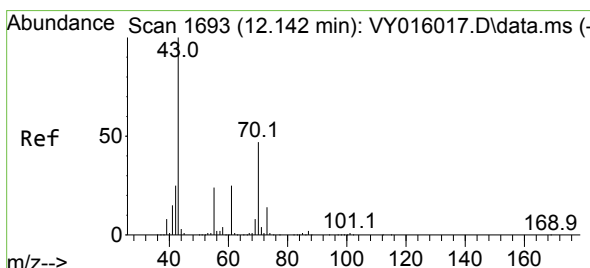
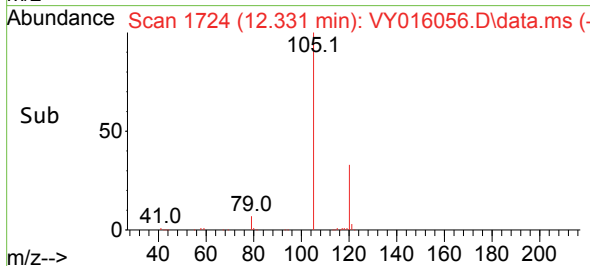
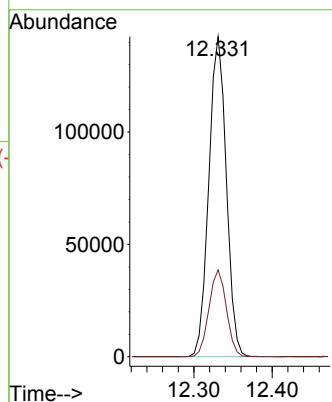
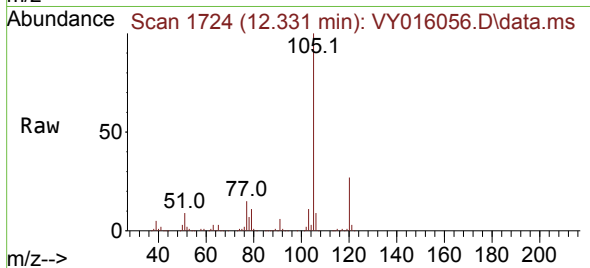
ClientSampleId :

Tgt Ion:105 Resp: 220350

Ion Ratio Lower Upper

105 100

120 27.0 13.3 39.9



#74

N-ethyl acetate

Concen: 25.686 ug/l

RT: 12.148 min Scan# 1694

Delta R.T. 0.006 min

Lab File: VY016056.D

Acq: 20 Oct 2023 10:42

Tgt Ion: 43 Resp: 85705

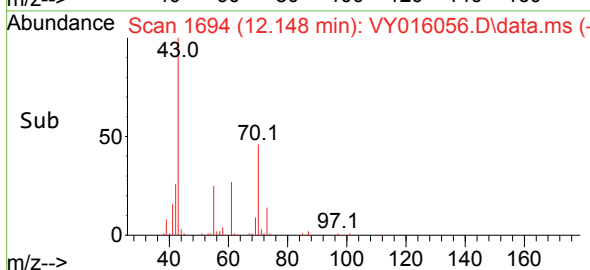
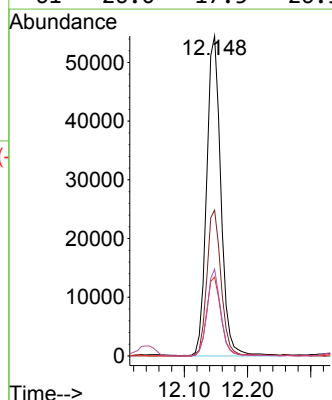
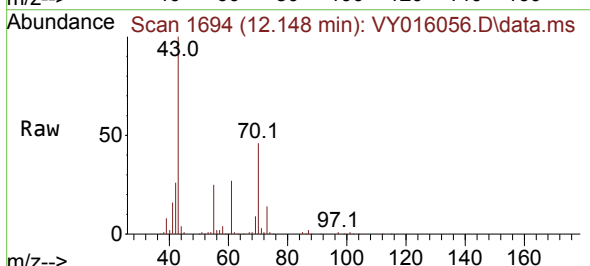
Ion Ratio Lower Upper

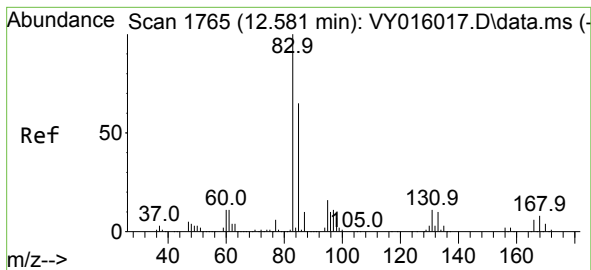
43 100

70 45.2 29.7 44.5#

55 25.2 18.3 27.5

61 26.0 17.5 26.3

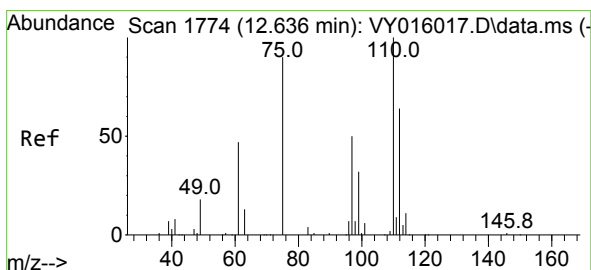
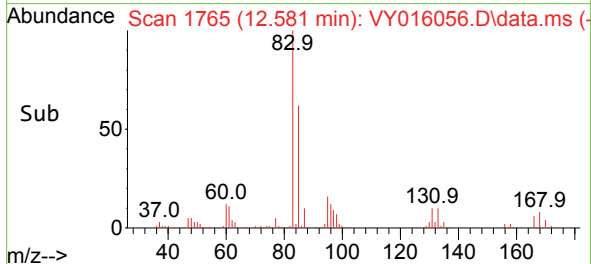
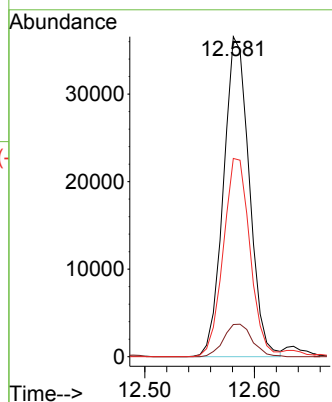
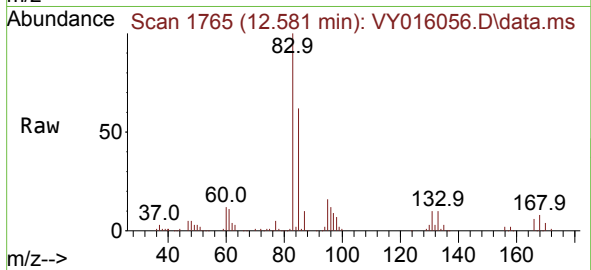




#75
1,1,2,2-Tetrachloroethane
Concen: 22.555 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. 0.000 min
Lab File: VY016056.D
Acq: 20 Oct 2023 10:42

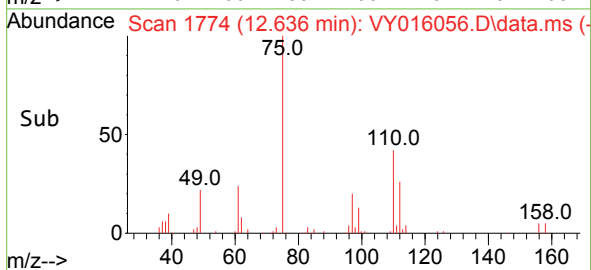
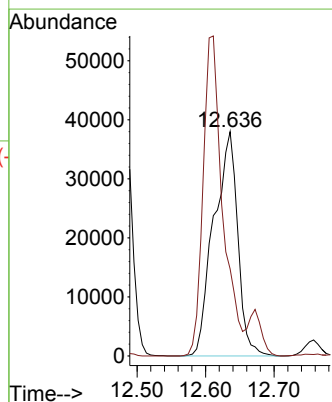
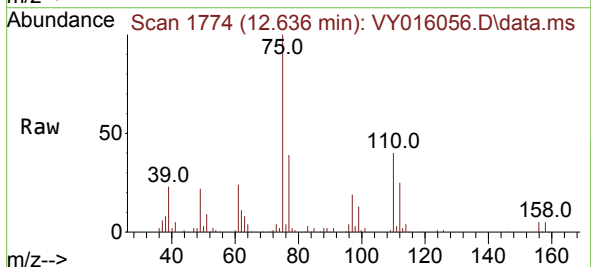
Instrument :
MSVOA_Y
ClientSampleId :

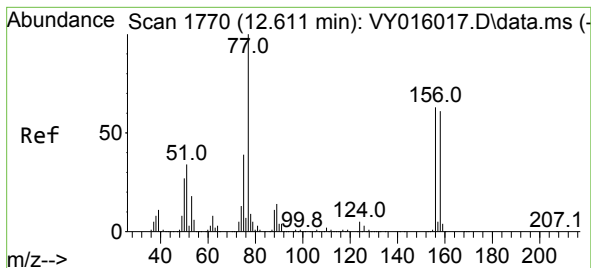
Tgt Ion: 83 Resp: 59677
Ion Ratio Lower Upper
83 100
131 11.2 5.4 16.2
85 64.4 31.8 95.4



#76
1,2,3-Trichloropropane
Concen: 45.985 ug/l
RT: 12.636 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VY016056.D
Acq: 20 Oct 2023 10:42

Tgt Ion: 75 Resp: 91950
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 21.320 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY016056.D

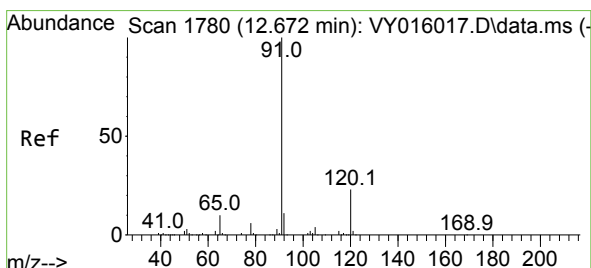
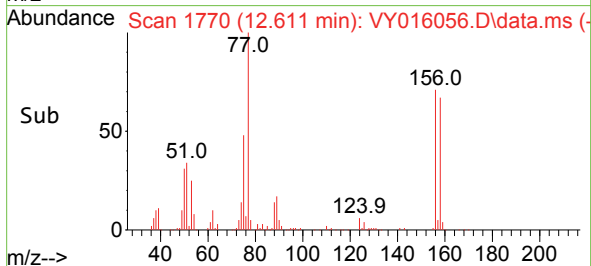
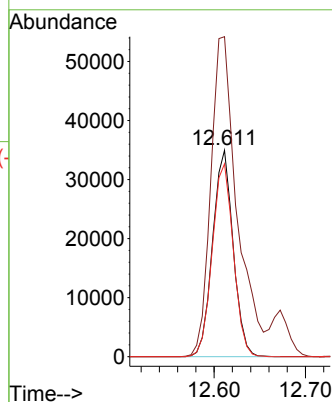
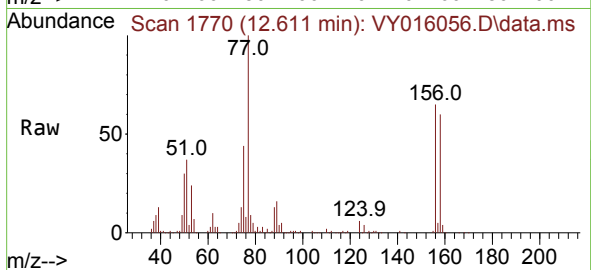
Acq: 20 Oct 2023 10:42

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	156	Resp:	54666
Ion Ratio	Lower	Upper	
156	100		
77	197.5	92.8	278.6
158	95.9	48.4	145.3



#78

n-propylbenzene

Concen: 21.148 ug/l

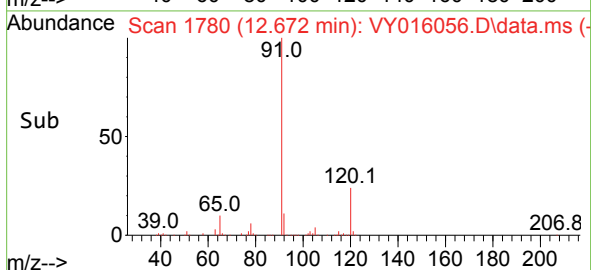
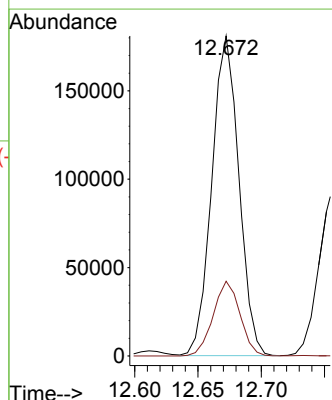
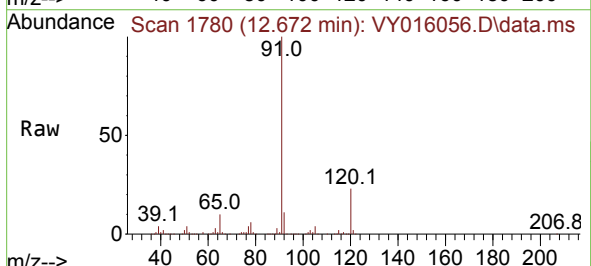
RT: 12.672 min Scan# 1780

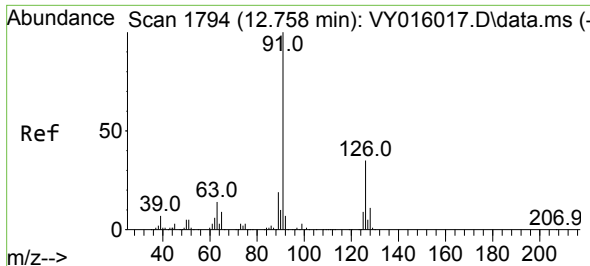
Delta R.T. 0.000 min

Lab File: VY016056.D

Acq: 20 Oct 2023 10:42

Tgt Ion:	91	Resp:	269088
Ion Ratio	Lower	Upper	
91	100		
120	23.1	11.5	34.4

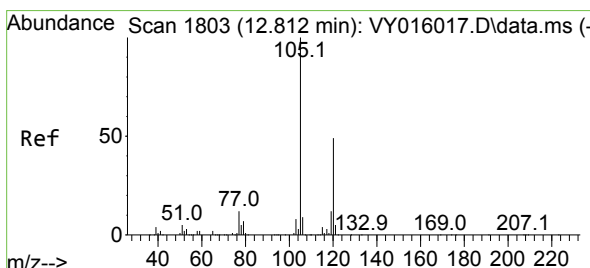
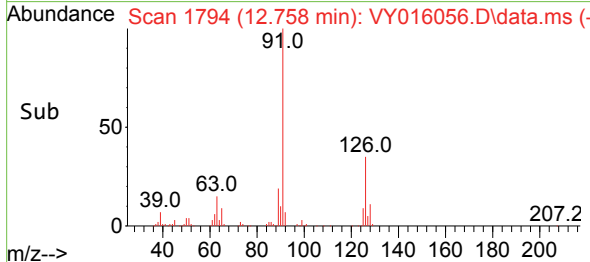
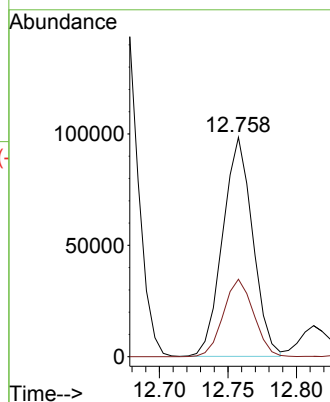
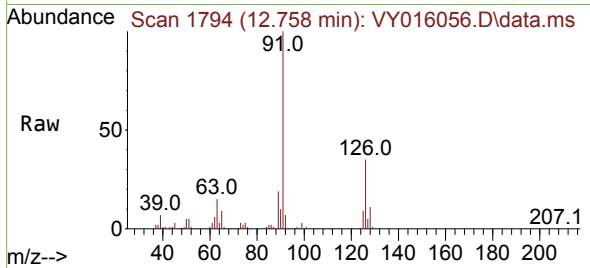




#79
2-Chlorotoluene
Concen: 21.021 ug/l
RT: 12.758 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY016056.D
Acq: 20 Oct 2023 10:42

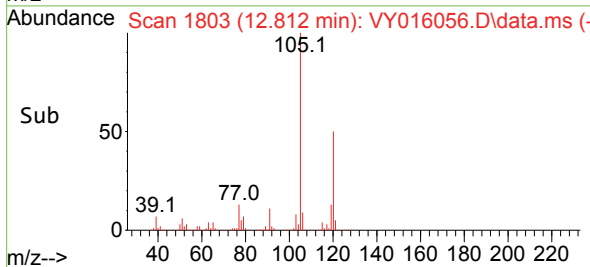
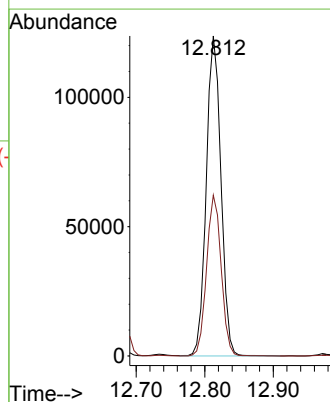
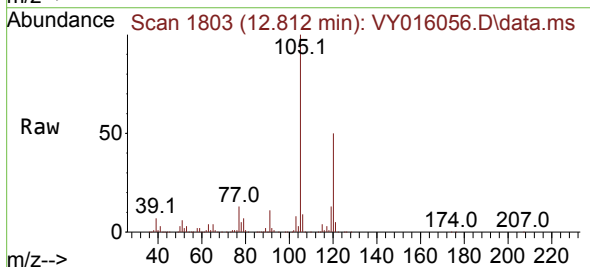
Instrument :
MSVOA_Y
ClientSampleId :

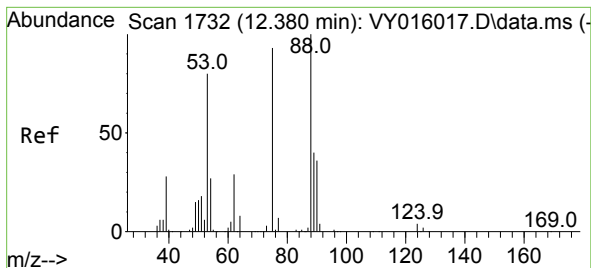
Tgt Ion: 91 Resp: 150129
Ion Ratio Lower Upper
91 100
126 35.6 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 21.061 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY016056.D
Acq: 20 Oct 2023 10:42

Tgt Ion:105 Resp: 184288
Ion Ratio Lower Upper
105 100
120 50.0 23.9 71.7

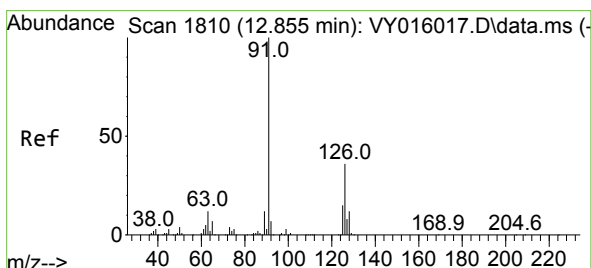
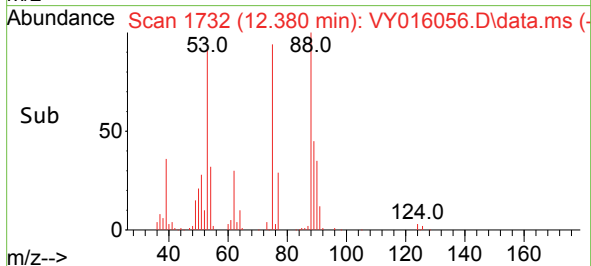
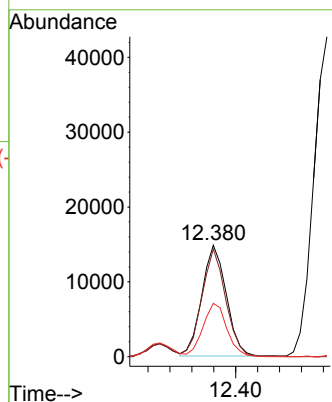
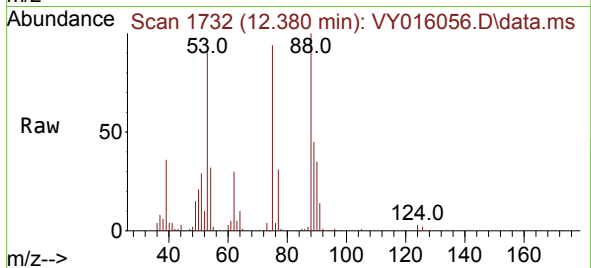




#81
trans-1,4-Dichloro-2-butene
Concen: 25.054 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VY016056.D
Acq: 20 Oct 2023 10:42

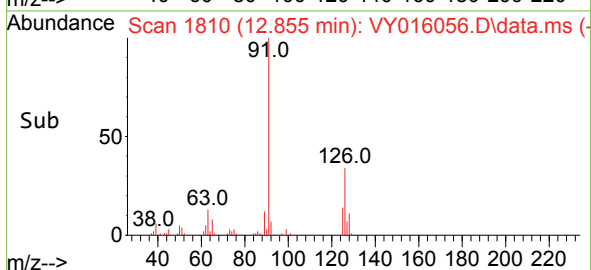
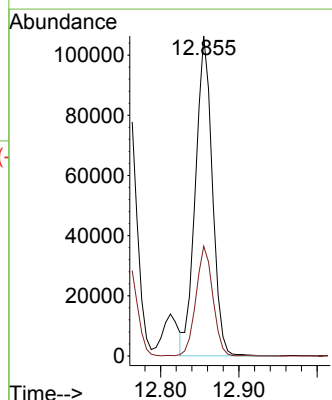
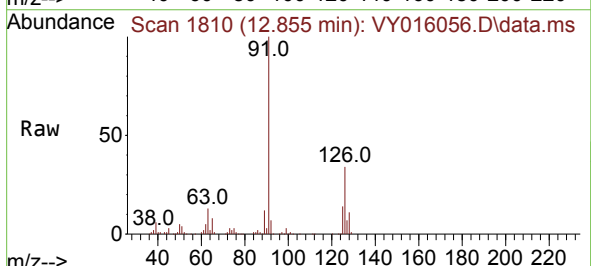
Instrument :
MSVOA_Y
ClientSampleId :

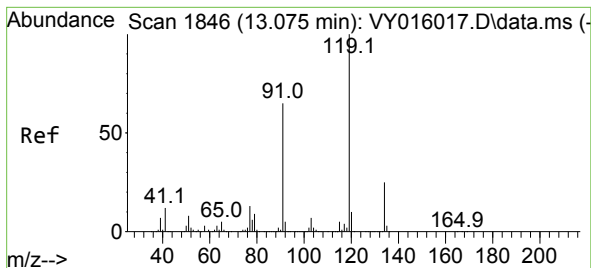
Tgt Ion: 75 Resp: 22950
Ion Ratio Lower Upper
75 100
53 93.9 77.8 116.8
89 47.0 37.4 56.0



#82
4-Chlorotoluene
Concen: 21.313 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY016056.D
Acq: 20 Oct 2023 10:42

Tgt Ion: 91 Resp: 158866
Ion Ratio Lower Upper
91 100
126 34.4 17.2 51.6





#83

tert-Butylbenzene

Concen: 20.748 ug/l

RT: 13.075 min Scan# 119

Delta R.T. 0.000 min

Lab File: VY016056.D

Acq: 20 Oct 2023 10:42

Instrument :

MSVOA_Y

ClientSampleId :

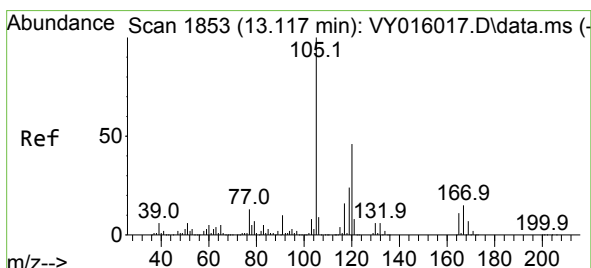
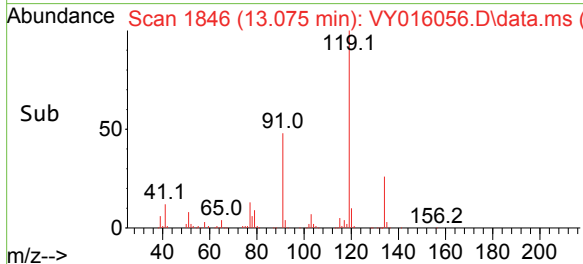
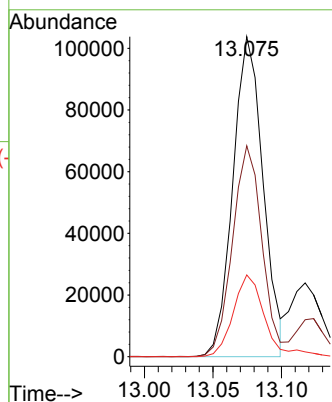
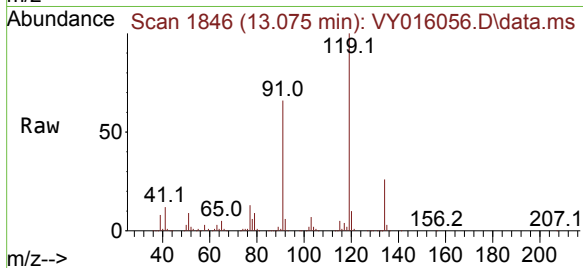
Tgt Ion:119 Resp: 159188

Ion Ratio Lower Upper

119 100

91 65.2 32.9 98.6

134 26.7 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 21.069 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.006 min

Lab File: VY016056.D

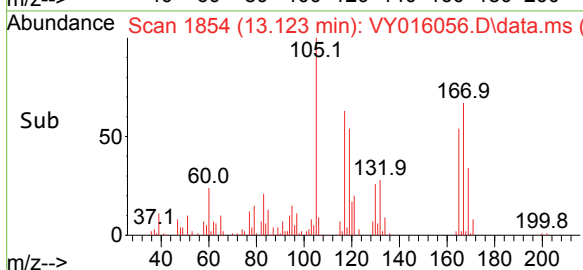
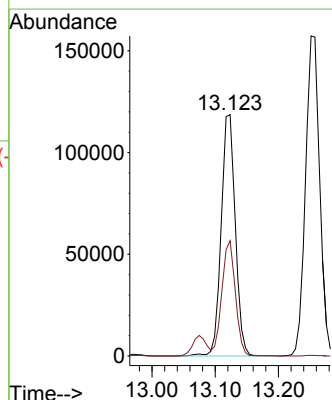
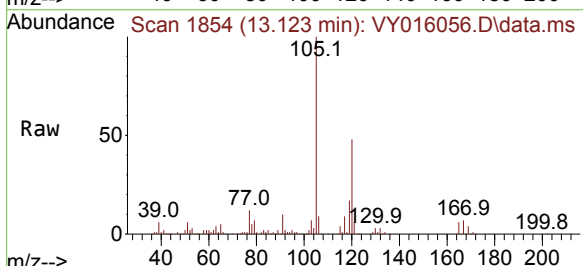
Acq: 20 Oct 2023 10:42

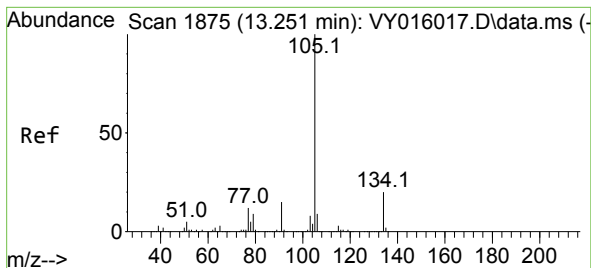
Tgt Ion:105 Resp: 183069

Ion Ratio Lower Upper

105 100

120 45.7 22.2 66.6





#85

sec-Butylbenzene

Concen: 21.260 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY016056.D

Acq: 20 Oct 2023 10:42

Instrument :

MSVOA_Y

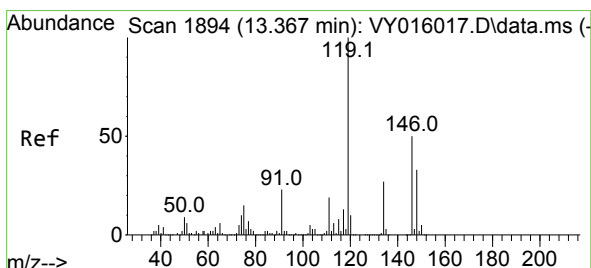
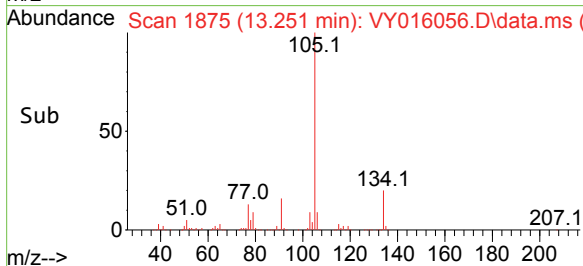
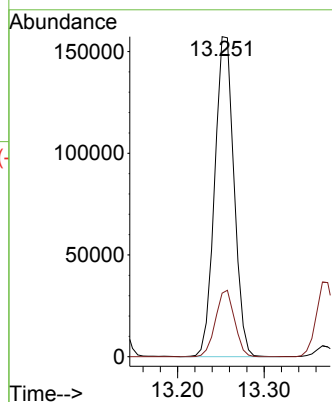
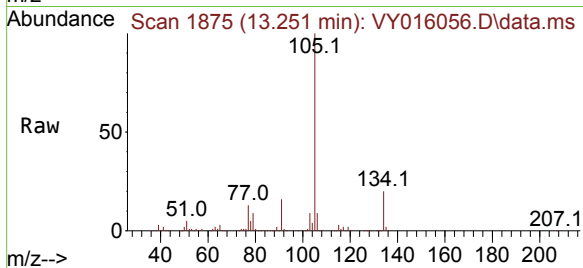
ClientSampleId :

Tgt Ion:105 Resp: 243626

Ion Ratio Lower Upper

105 100

134 20.4 10.2 30.6



#86

p-Isopropyltoluene

Concen: 20.974 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY016056.D

Acq: 20 Oct 2023 10:42

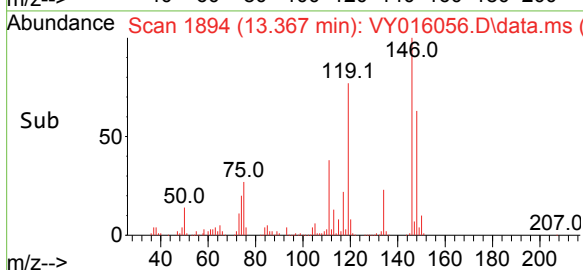
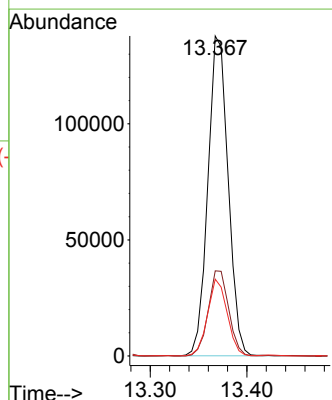
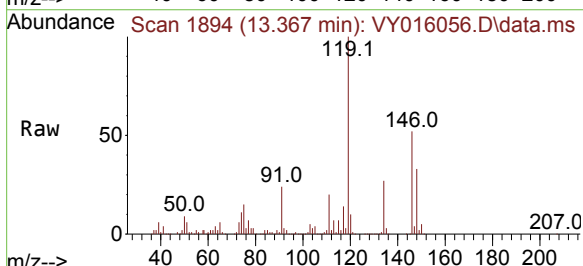
Tgt Ion:119 Resp: 200855

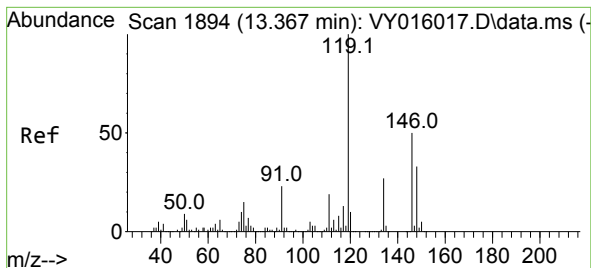
Ion Ratio Lower Upper

119 100

134 26.9 13.3 39.8

91 23.1 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 21.260 ug/l

RT: 13.367 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY016056.D

Acq: 20 Oct 2023 10:42

Instrument :

MSVOA_Y

ClientSampleId :

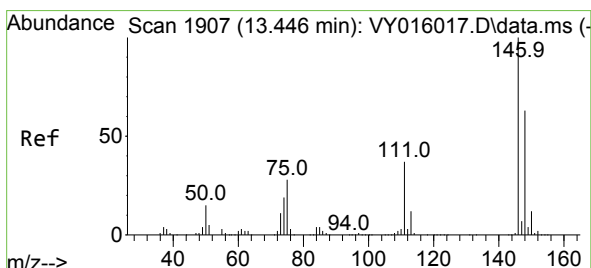
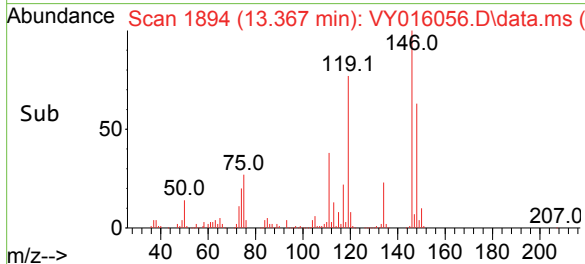
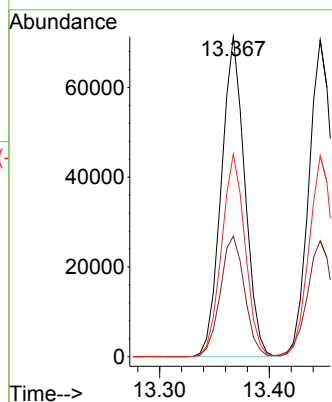
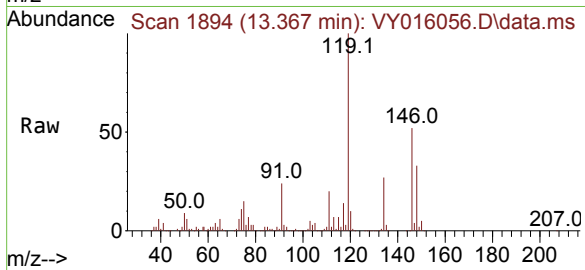
Tgt Ion:146 Resp: 106062

Ion Ratio Lower Upper

146 100

111 38.9 19.4 58.2

148 63.6 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 21.507 ug/l

RT: 13.447 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY016056.D

Acq: 20 Oct 2023 10:42

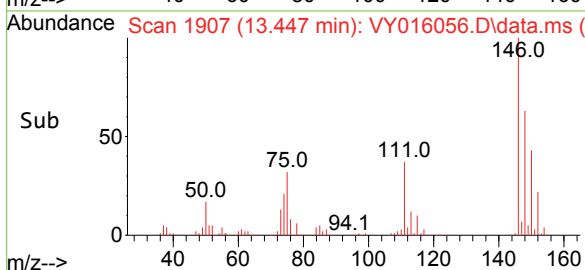
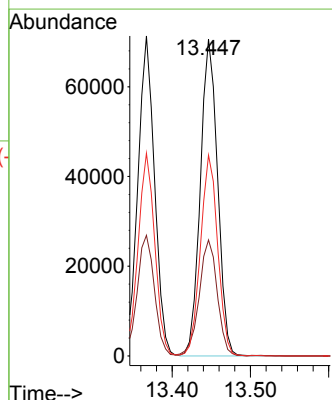
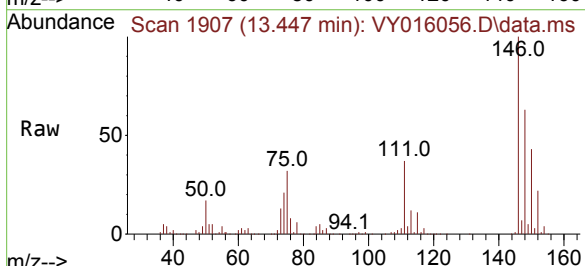
Tgt Ion:146 Resp: 108030

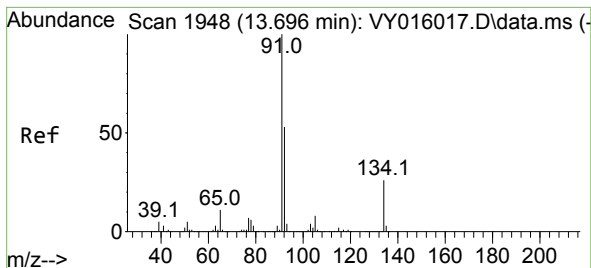
Ion Ratio Lower Upper

146 100

111 38.4 18.9 56.7

148 63.4 32.1 96.5





#89

n-Butylbenzene

Concen: 21.261 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY016056.D

Acq: 20 Oct 2023 10:42

Instrument :

MSVOA_Y

ClientSampleId :

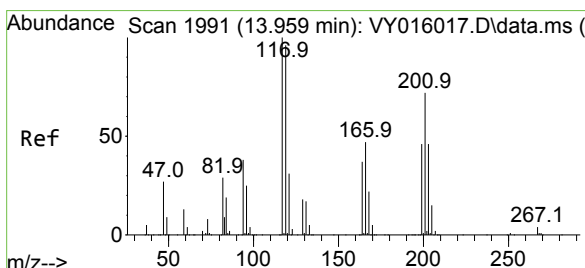
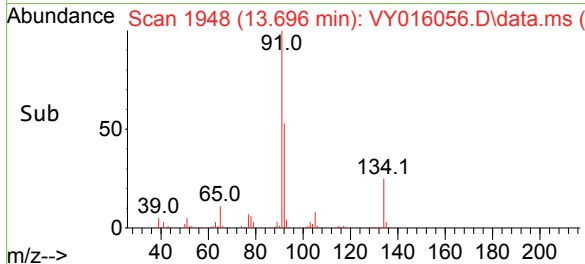
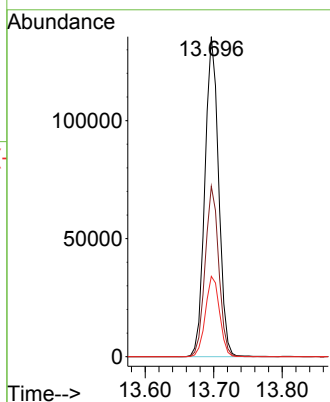
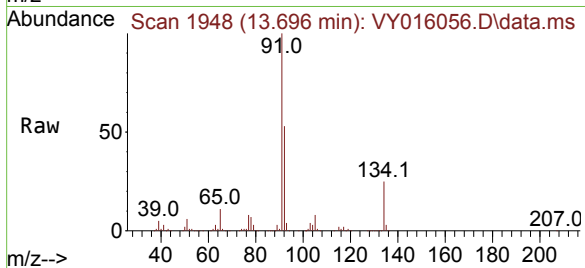
Tgt Ion: 91 Resp: 189543

Ion Ratio Lower Upper

91 100

92 52.8 25.4 76.0

134 25.8 12.6 37.6



#90

Hexachloroethane

Concen: 20.746 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. 0.000 min

Lab File: VY016056.D

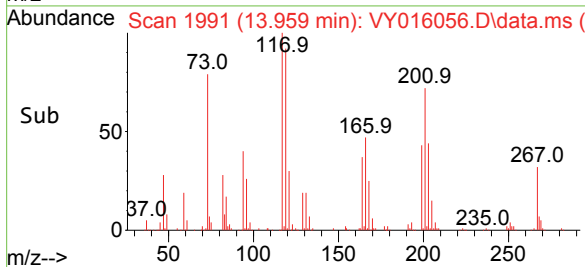
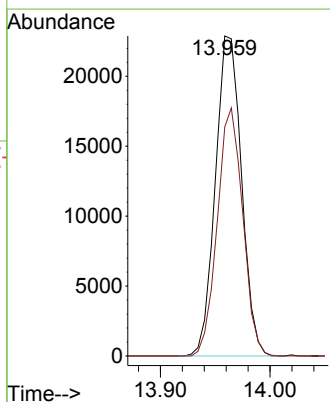
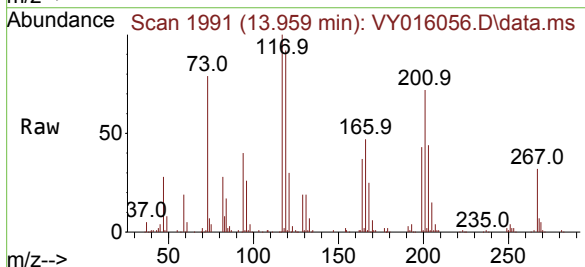
Acq: 20 Oct 2023 10:42

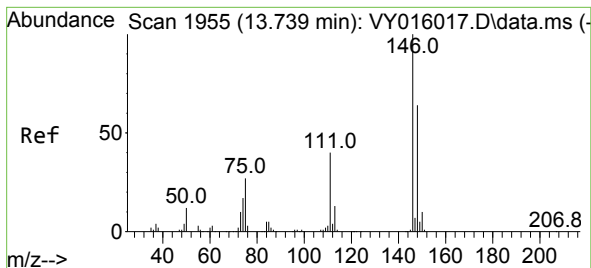
Tgt Ion: 117 Resp: 37872

Ion Ratio Lower Upper

117 100

201 75.5 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 21.364 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY016056.D

Acq: 20 Oct 2023 10:42

Instrument :

MSVOA_Y

ClientSampleId :

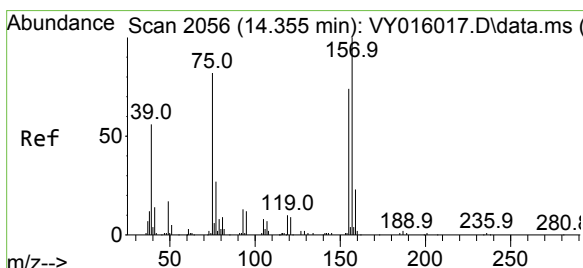
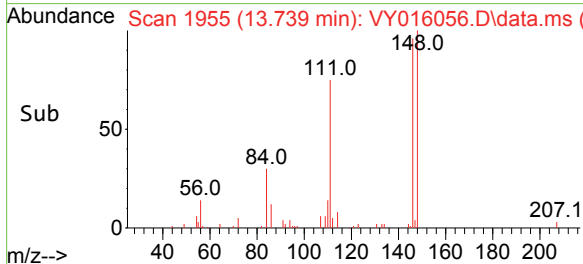
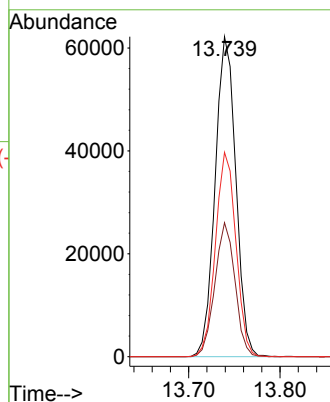
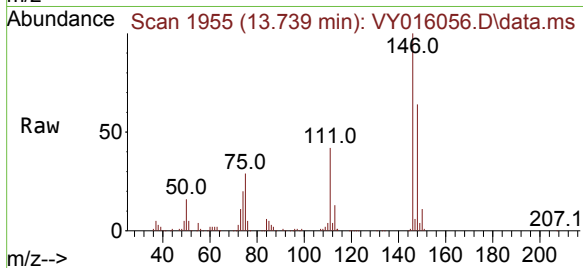
Tgt Ion:146 Resp: 97855

Ion Ratio Lower Upper

146 100

111 40.8 19.7 59.0

148 63.2 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 36.122 ug/l

RT: 14.361 min Scan# 2057

Delta R.T. 0.006 min

Lab File: VY016056.D

Acq: 20 Oct 2023 10:42

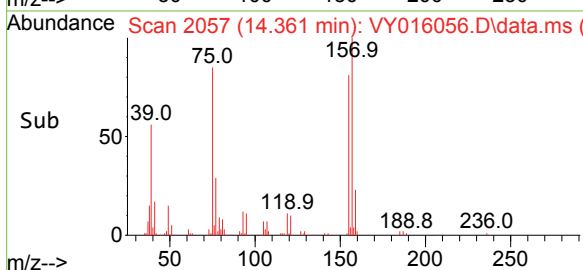
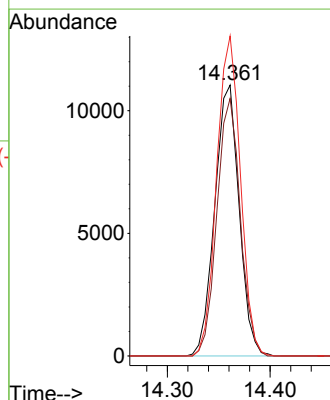
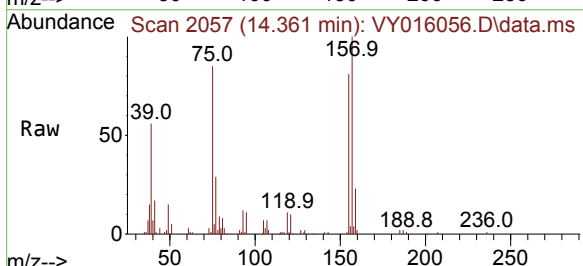
Tgt Ion: 75 Resp: 18193

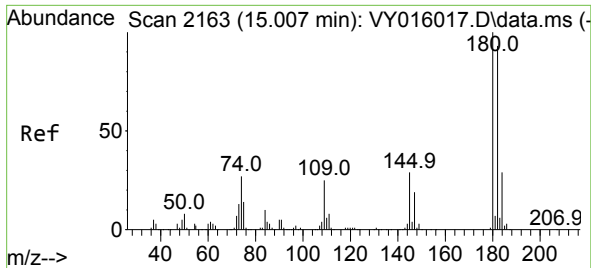
Ion Ratio Lower Upper

75 100

155 91.3 41.5 124.6

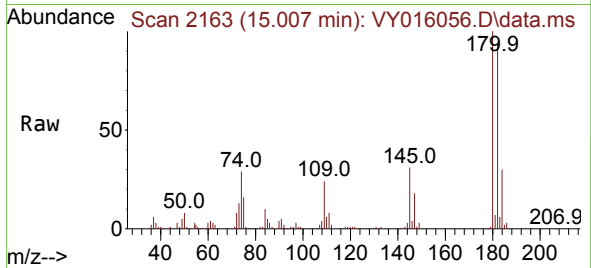
157 114.8 51.8 155.5



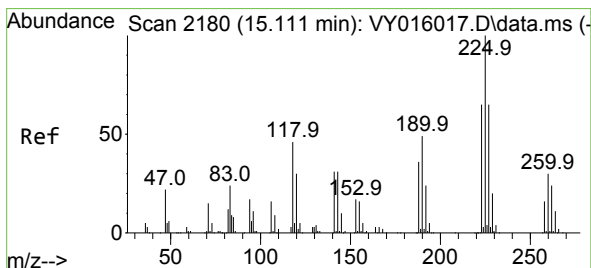
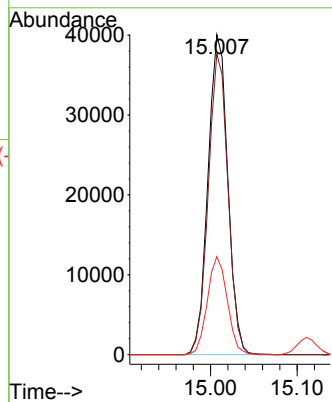
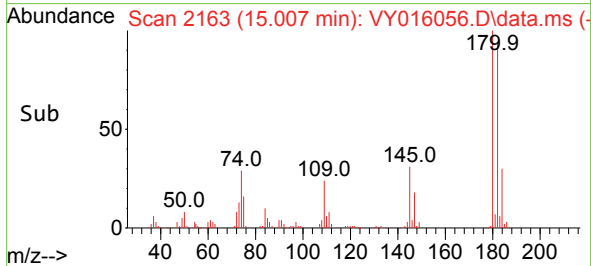


#93
 1,2,4-Trichlorobenzene
 Concen: 21.783 ug/l
 RT: 15.007 min Scan# 2163
 Delta R.T. 0.000 min
 Lab File: VY016056.D
 Acq: 20 Oct 2023 10:42

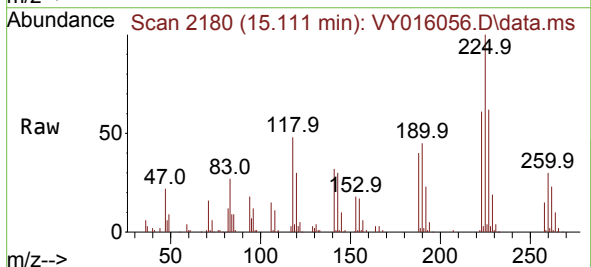
Instrument :
 MSVOA_Y
 ClientSampleId :



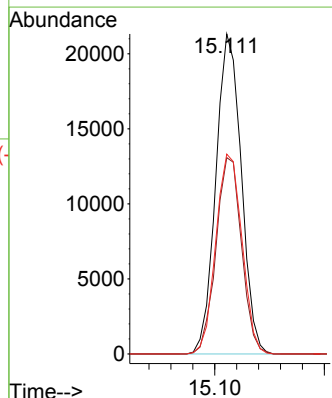
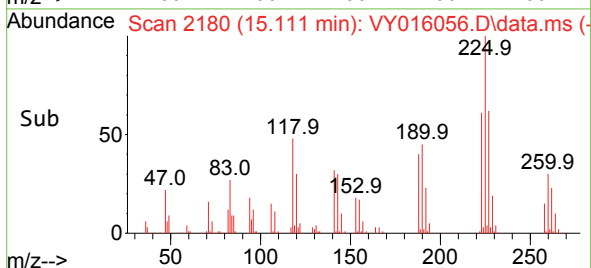
Tgt Ion:180 Resp: 63561
 Ion Ratio Lower Upper
 180 100
 182 93.4 47.0 141.2
 145 30.8 14.5 43.5

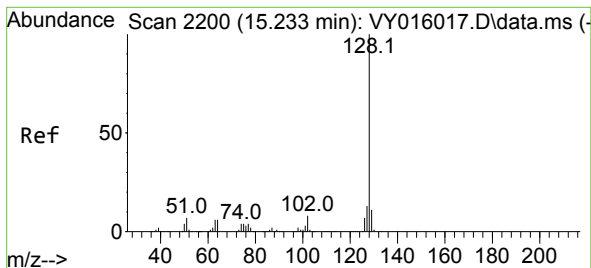


#94
 Hexachlorobutadiene
 Concen: 21.652 ug/l
 RT: 15.111 min Scan# 2180
 Delta R.T. 0.000 min
 Lab File: VY016056.D
 Acq: 20 Oct 2023 10:42



Tgt Ion:225 Resp: 34316
 Ion Ratio Lower Upper
 225 100
 223 61.6 31.9 95.9
 227 64.2 33.0 98.9





#95

Naphthalene

Concen: 27.345 ug/l

RT: 15.239 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY016056.D

Acq: 20 Oct 2023 10:42

Instrument :

MSVOA_Y

ClientSampleId :

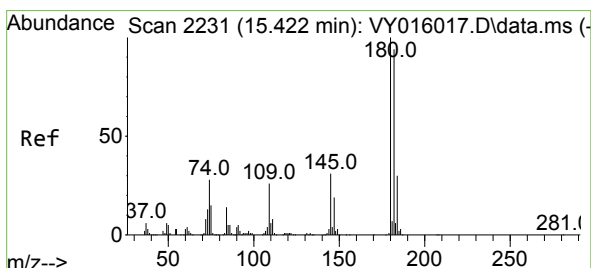
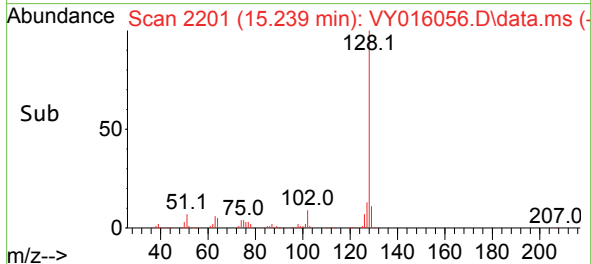
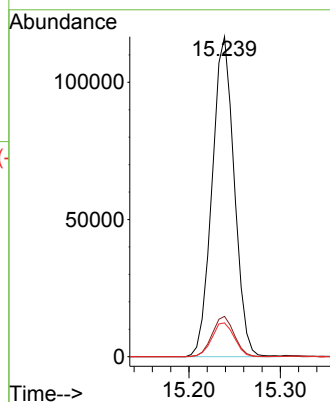
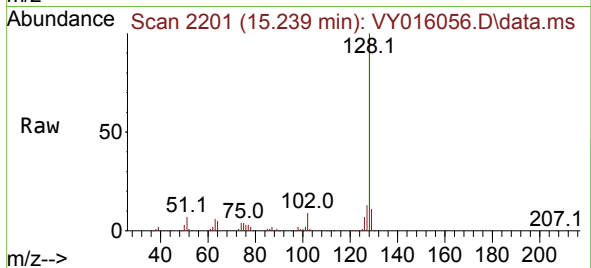
Tgt Ion:128 Resp: 195839

Ion Ratio Lower Upper

128 100

127 12.7 10.8 16.2

129 10.8 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 22.556 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.006 min

Lab File: VY016056.D

Acq: 20 Oct 2023 10:42

Tgt Ion:180 Resp: 60120

Ion Ratio Lower Upper

180 100

182 95.9 47.3 141.8

145 31.7 15.4 46.2

