

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110123\
 Data File : VY016160.D
 Acq On : 01 Nov 2023 10:56
 Operator : SY/MD
 Sample : VY1101SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 02 02:21:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103123S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 01 03:33:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	177951	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.691	114	279159	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	240753	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	112921	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	82813	49.733	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.460%
35) Dibromofluoromethane	7.716	113	79287	47.641	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.280%
50) Toluene-d8	10.179	98	338665	51.325	ug/l	-0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	102.640%
62) 4-Bromofluorobenzene	12.483	95	109430	48.499	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	97.000%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	21699	19.116	ug/l	95
3) Chloromethane	2.113	50	29801	18.962	ug/l	99
4) Vinyl Chloride	2.247	62	31827	19.621	ug/l	100
5) Bromomethane	2.650	94	21051	19.230	ug/l	96
6) Chloroethane	2.790	64	22301	19.528	ug/l	98
7) Trichlorofluoromethane	3.125	101	49065	20.036	ug/l	92
8) Diethyl Ether	3.527	74	16398	20.204	ug/l	82
9) 1,1,2-Trichlorotrifluo...	3.899	101	31152	20.193	ug/l	96
10) Methyl Iodide	4.088	142	33374	19.454	ug/l	96
11) Tert butyl alcohol	4.954	59	11787	94.742	ug/l #	93
12) 1,1-Dichloroethene	3.869	96	28040	19.913	ug/l	89
13) Acrolein	3.729	56	12592	105.294	ug/l	97
14) Allyl chloride	4.478	41	42028	20.867	ug/l #	95
15) Acrylonitrile	5.161	53	34584	99.716	ug/l	99
16) Acetone	3.942	43	25807	84.454	ug/l	94
17) Carbon Disulfide	4.192	76	67522	19.207	ug/l #	93
18) Methyl Acetate	4.478	43	26284	19.628	ug/l	92
19) Methyl tert-butyl Ether	5.216	73	79230	19.781	ug/l	94
20) Methylene Chloride	4.710	84	40393	22.154	ug/l	86
21) trans-1,2-Dichloroethene	5.222	96	32647	19.905	ug/l	87
22) Diisopropyl ether	6.118	45	99906	20.508	ug/l	90
23) Vinyl Acetate	6.057	43	235376	98.408	ug/l #	93
24) 1,1-Dichloroethane	6.015	63	59865	20.533	ug/l	95
25) 2-Butanone	6.978	43	43122	93.867	ug/l	95
26) 2,2-Dichloropropane	6.978	77	56187	20.386	ug/l	97
27) cis-1,2-Dichloroethene	6.984	96	39514	20.471	ug/l	91
28) Bromochloromethane	7.332	49	21173	19.407	ug/l	84
29) Tetrahydrofuran	7.344	42	28692	99.633	ug/l	91
30) Chloroform	7.508	83	65513	20.639	ug/l	96
31) Cyclohexane	7.789	56	49882	19.487	ug/l	88
32) 1,1,1-Trichloroethane	7.703	97	59839	20.556	ug/l	98
36) 1,1-Dichloropropene	7.917	75	47891	19.928	ug/l	98
37) Ethyl Acetate	7.069	43	21492	20.079	ug/l	98
38) Carbon Tetrachloride	7.899	117	50493	21.208	ug/l	99
39) Methylcyclohexane	9.185	83	56787	19.796	ug/l	91
40) Benzene	8.161	78	139161	20.170	ug/l	98

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	11112	17.885	ug/l	94
42) 1,2-Dichloroethane	8.234	62	38198	19.839	ug/l	92
43) Isopropyl Acetate	8.270	43	40782	19.262	ug/l #	91
44) Trichloroethene	8.941	130	40486	20.052	ug/l	97
45) 1,2-Dichloropropane	9.215	63	34629	20.865	ug/l	93
46) Dibromomethane	9.307	93	18396	19.539	ug/l	98
47) Bromodichloromethane	9.496	83	48924	20.452	ug/l	98
48) Methyl methacrylate	9.295	41	17589	18.269	ug/l #	86
49) 1,4-Dioxane	9.301	88	4065	279.258	ug/l #	49
51) 4-Methyl-2-Pentanone	10.069	43	105229	99.607	ug/l	93
52) Toluene	10.246	92	90666	20.280	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	48726	20.404	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	56132	20.032	ug/l	94
55) 1,1,2-Trichloroethane	10.648	97	26956	20.354	ug/l	96
56) Ethyl methacrylate	10.514	69	33316	19.370	ug/l #	87
57) 1,3-Dichloropropane	10.794	76	45052	19.982	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	85224	102.185	ug/l	91
59) 2-Hexanone	10.831	43	72547	100.212	ug/l	89
60) Dibromochloromethane	10.983	129	33353	20.074	ug/l	99
61) 1,2-Dibromoethane	11.093	107	25383	20.150	ug/l	97
64) Tetrachloroethene	10.721	164	40480	18.903	ug/l	96
65) Chlorobenzene	11.520	112	97313	20.345	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	36671	20.699	ug/l	99
67) Ethyl Benzene	11.593	91	173843	20.320	ug/l	97
68) m/p-Xylenes	11.703	106	133775	40.465	ug/l	95
69) o-Xylene	12.032	106	63768	20.203	ug/l	96
70) Styrene	12.044	104	105550	20.115	ug/l	96
71) Bromoform	12.209	173	19613	19.955	ug/l #	99
73) Isopropylbenzene	12.331	105	173139	20.440	ug/l	100
74) N-amyl acetate	12.148	43	35557	19.317	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.587	83	27184	20.168	ug/l	97
76) 1,2,3-Trichloropropane	12.636	75	36823	34.628	ug/l #	100
77) Bromobenzene	12.611	156	38868	20.265	ug/l	93
78) n-propylbenzene	12.672	91	206717	20.642	ug/l	99
79) 2-Chlorotoluene	12.757	91	112627	20.164	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	139347	20.306	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.379	75	9559	19.491	ug/l	93
82) 4-Chlorotoluene	12.855	91	116385	20.292	ug/l	98
83) tert-Butylbenzene	13.074	119	128152	20.871	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	137220	20.208	ug/l	97
85) sec-Butylbenzene	13.257	105	186680	20.714	ug/l	99
86) p-Isopropyltoluene	13.373	119	154806	20.726	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	76652	20.207	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	76124	20.304	ug/l	99
89) n-Butylbenzene	13.696	91	143179	20.862	ug/l	97
90) Hexachloroethane	13.965	117	27224	21.150	ug/l	94
91) 1,2-Dichlorobenzene	13.745	146	66165	20.188	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	4786	19.841	ug/l	96
93) 1,2,4-Trichlorobenzene	15.013	180	40308	19.926	ug/l	99
94) Hexachlorobutadiene	15.117	225	23656	21.400	ug/l	96
95) Naphthalene	15.239	128	72235	18.381	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	33504	19.389	ug/l	100

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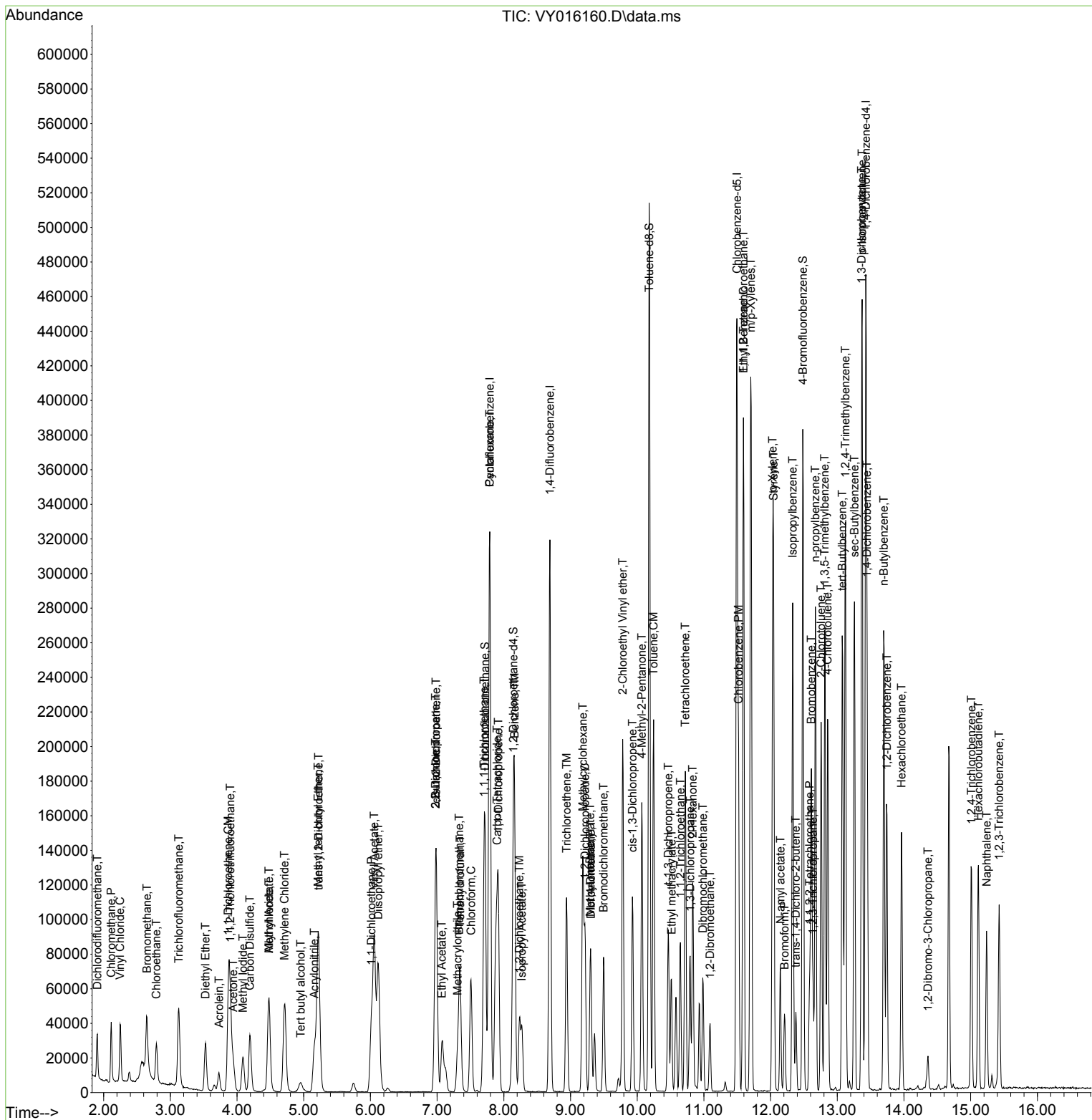
Instrument :
MSVOA_Y
ClientSampleId :

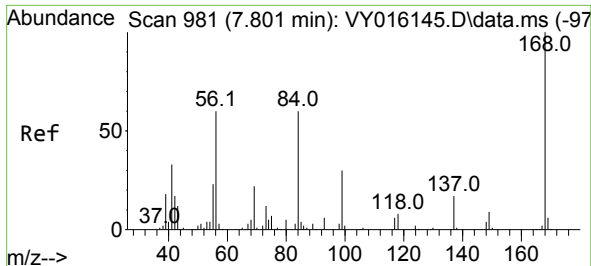
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

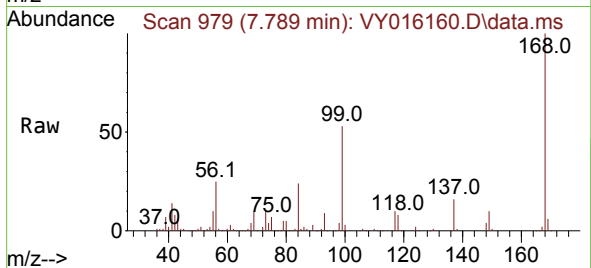
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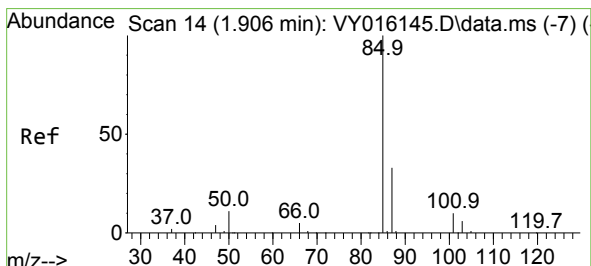
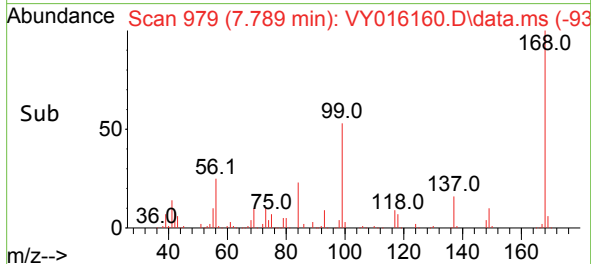
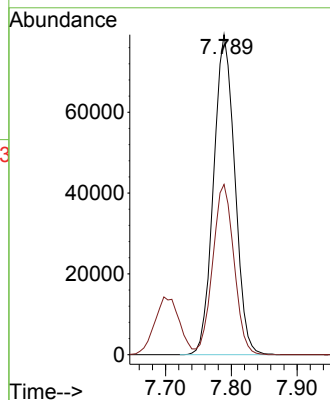


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.012 min
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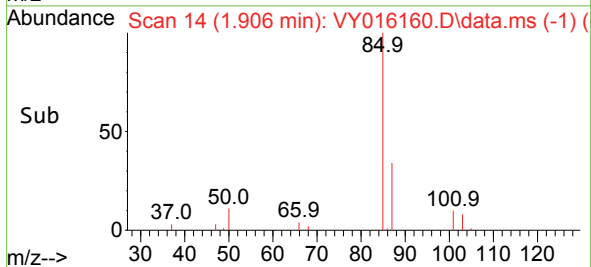
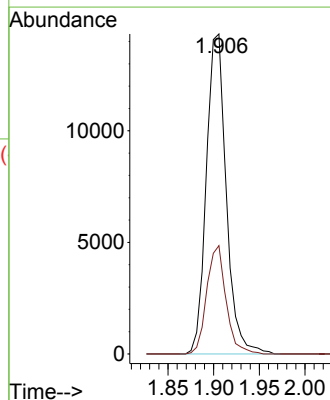
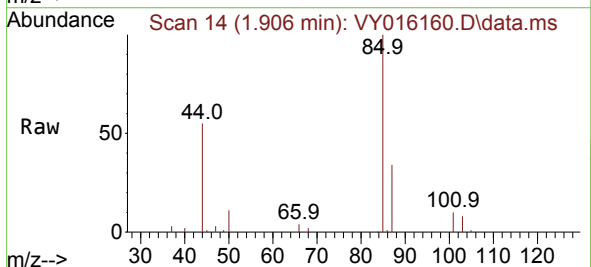


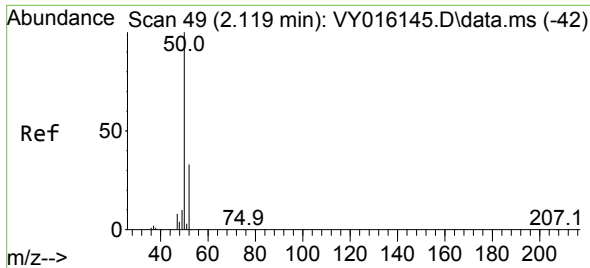
Tgt Ion:168 Resp: 177951
Ion Ratio Lower Upper
168 100
99 53.2 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 19.116 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY016160.D
Acq: 01 Nov 2023 10:56

Tgt Ion: 85 Resp: 21699
Ion Ratio Lower Upper
85 100
87 33.9 15.6 46.8

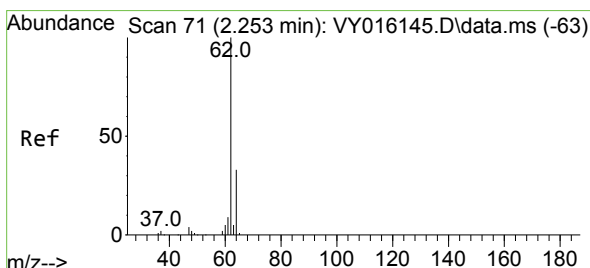
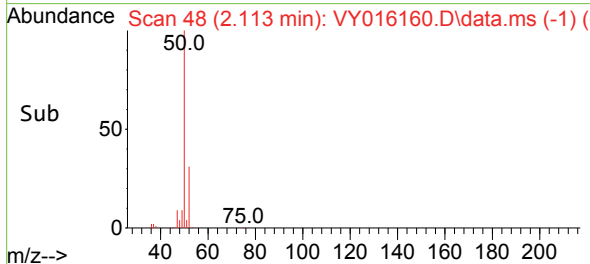
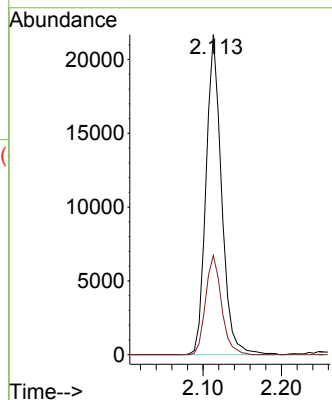
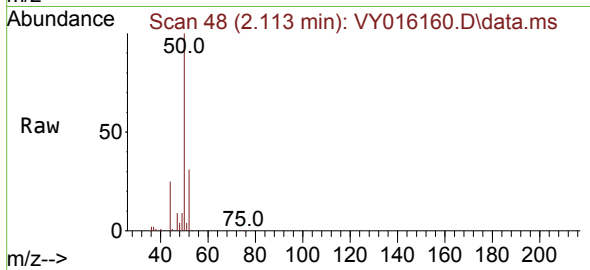




#3
Chloromethane
Concen: 18.962 ug/l
RT: 2.113 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY016160.D
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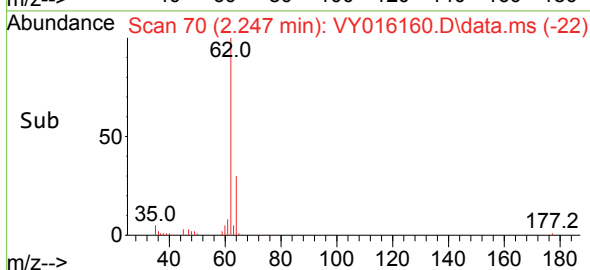
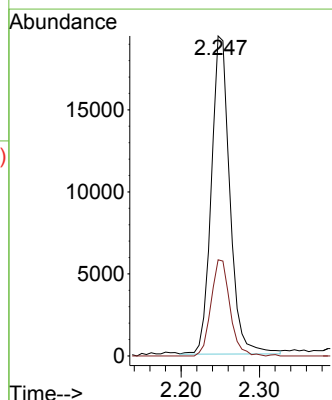
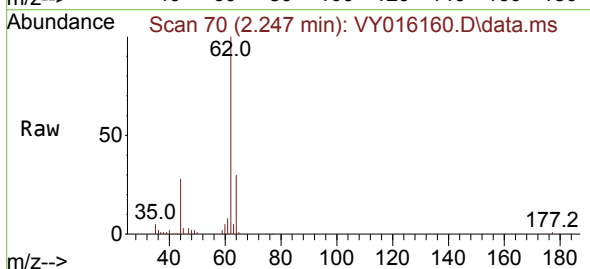
Instrument :
MSVOA_Y
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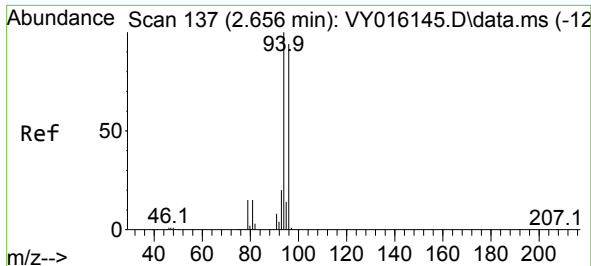
Tgt Ion: 50 Resp: 29801
Ion Ratio Lower Upper
50 100
52 31.0 25.4 38.2



#4
Vinyl Chloride
Concen: 19.621 ug/l
RT: 2.247 min Scan# 70
Delta R.T. -0.006 min
Lab File: VY016160.D
Acq: 01 Nov 2023 10:56

Tgt Ion: 62 Resp: 31827
Ion Ratio Lower Upper
62 100
64 30.2 24.3 36.5

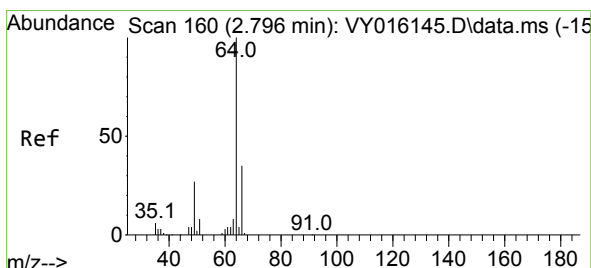
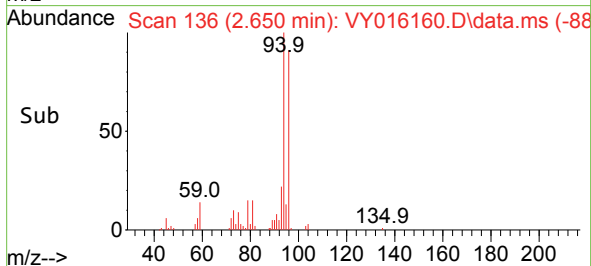
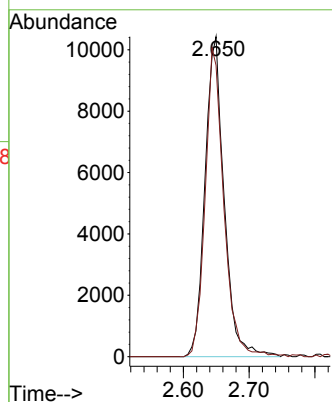
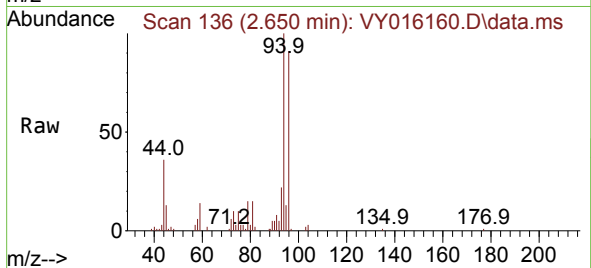




#5
Bromomethane
Concen: 19.230 ug/l
RT: 2.650 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016160.D
Acq: 01 Nov 2023 10:56

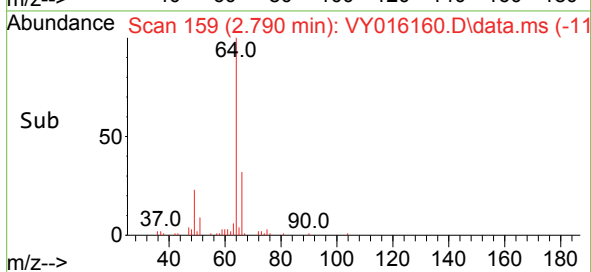
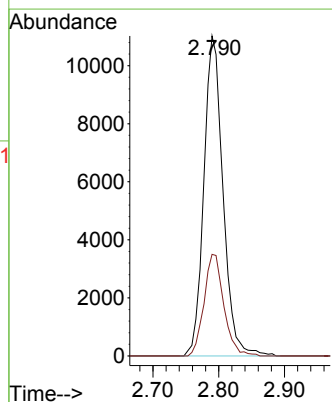
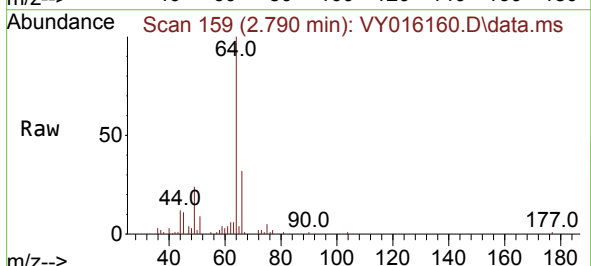
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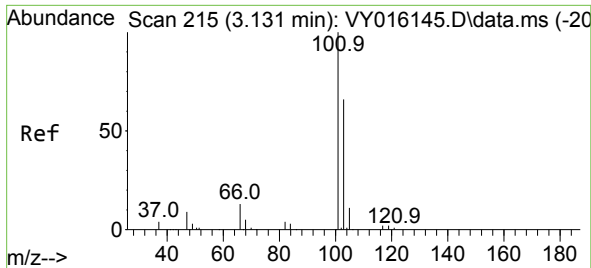
Tgt Ion: 94 Resp: 21051
Ion Ratio Lower Upper
94 100
96 91.0 75.8 113.6



#6
Chloroethane
Concen: 19.528 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.006 min
Lab File: VY016160.D
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Tgt Ion: 64 Resp: 22301
Ion Ratio Lower Upper
64 100
66 31.7 24.4 36.6

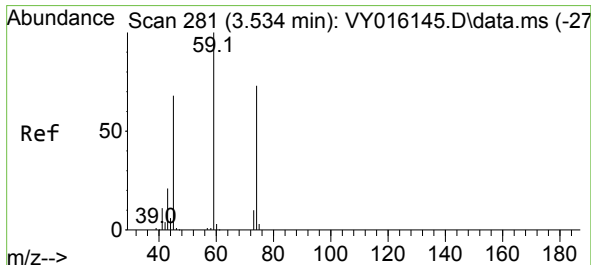
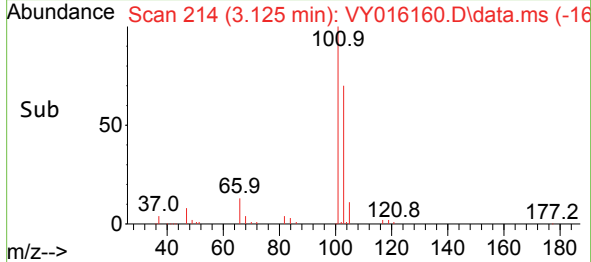
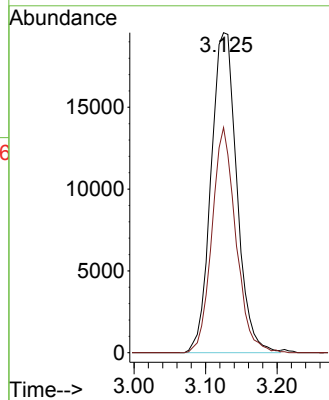
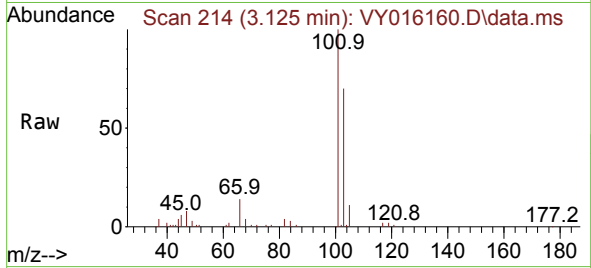




#7
Trichlorofluoromethane
Concen: 20.036 ug/l
RT: 3.125 min Scan# 215
Delta R.T. -0.006 min
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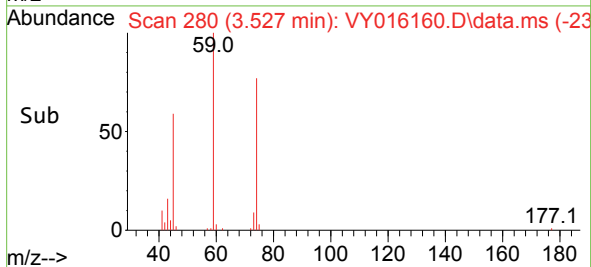
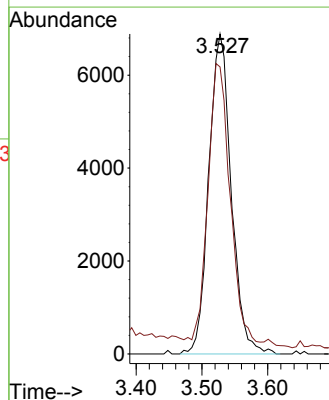
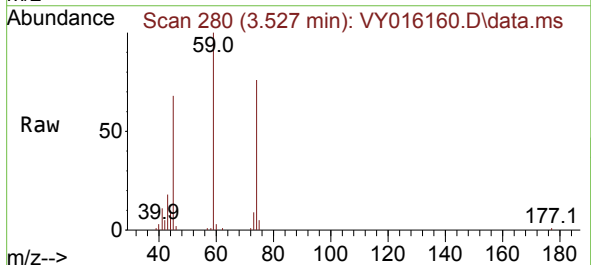
Instrument :
MSVOA_Y
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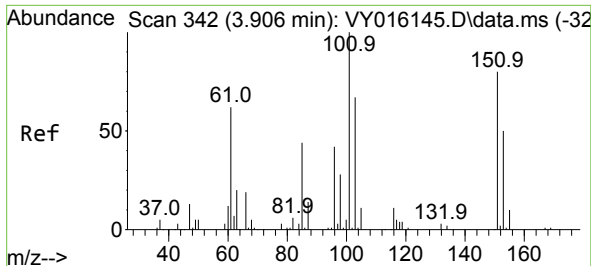
Tgt Ion:101 Resp: 49065
Ion Ratio Lower Upper
101 100
103 70.4 51.4 77.0



#8
Diethyl Ether
Concen: 20.204 ug/l
RT: 3.527 min Scan# 280
Delta R.T. -0.006 min
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Tgt Ion: 74 Resp: 16398
Ion Ratio Lower Upper
74 100
45 84.5 51.5 154.5

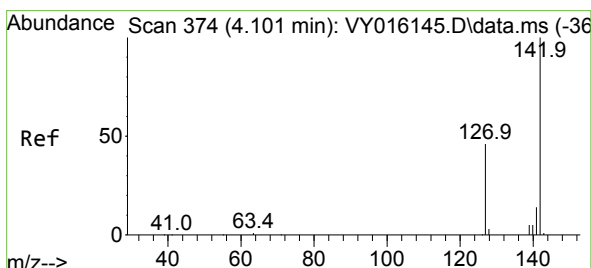
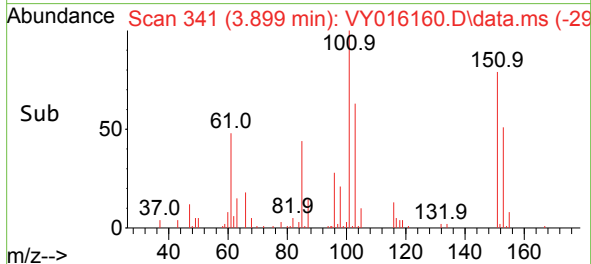
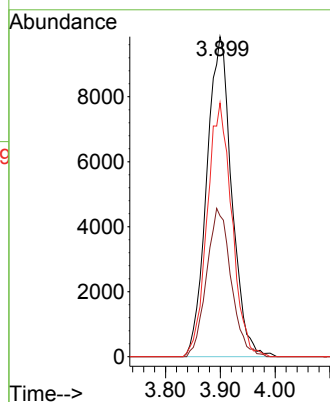
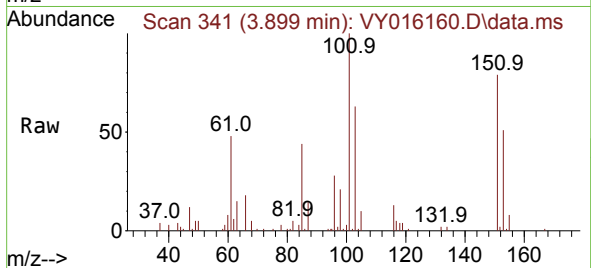




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.193 ug/l
RT: 3.899 min Scan# 341
Delta R.T. -0.006 min
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Acq: 01 Nov 2023 10:56

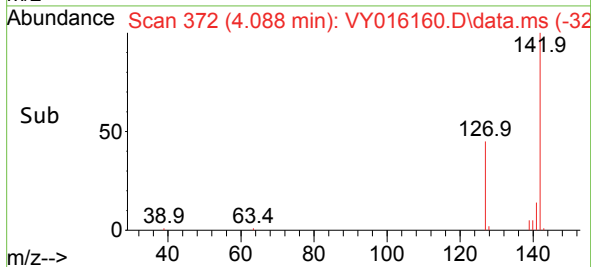
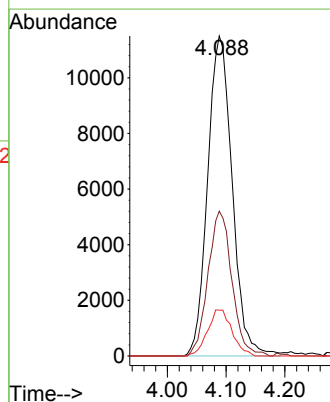
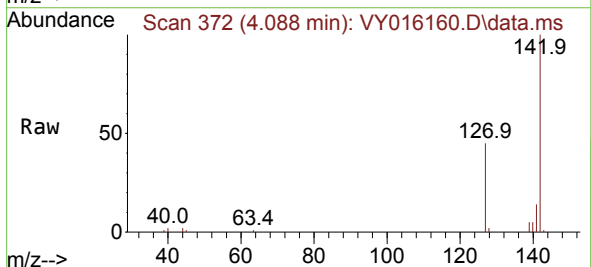
Instrument :
MSVOA_Y
ClientSampleId :

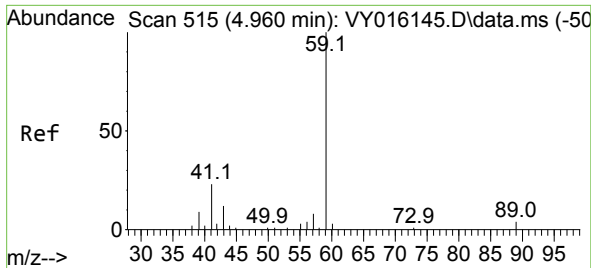
Tgt Ion:101 Resp: 31152
Ion Ratio Lower Upper
101 100
85 45.4 36.6 55.0
151 78.3 67.0 100.6



#10
Methyl Iodide
Concen: 19.454 ug/l
RT: 4.088 min Scan# 372
Delta R.T. -0.012 min
Lab File: VY016160.D
Acq: 01 Nov 2023 10:56

Tgt Ion:142 Resp: 33374
Ion Ratio Lower Upper
142 100
127 44.1 37.6 56.4
141 14.4 11.8 17.8

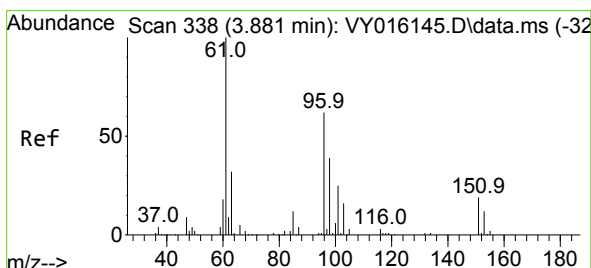
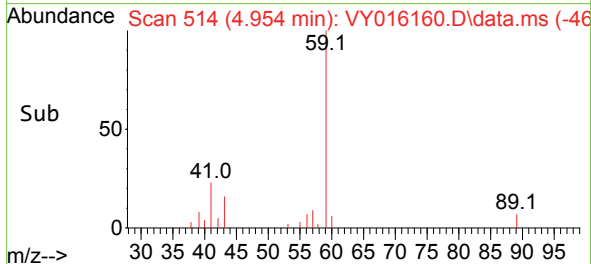
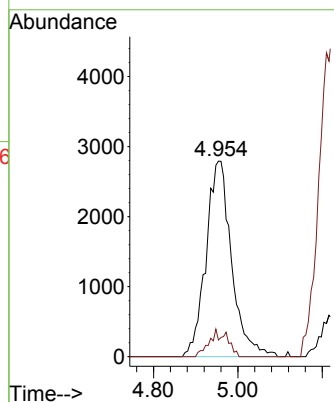
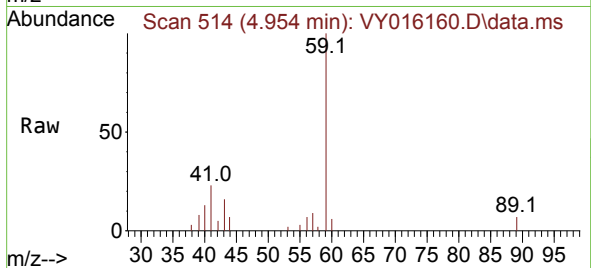




#11
Tert butyl alcohol
Concen: 94.742 ug/l
RT: 4.954 min Scan# 515
Delta R.T. -0.006 min
Lab File: VY016160.D
Acq: 01 Nov 2023 10:56

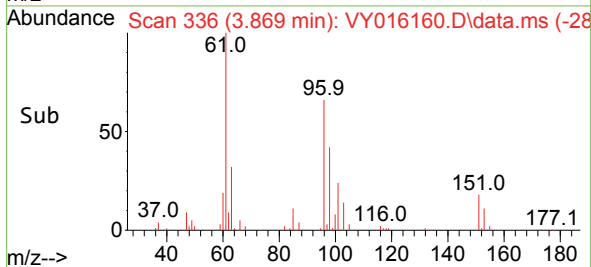
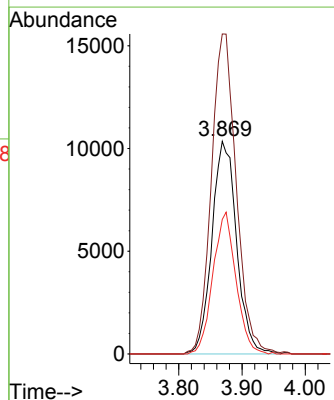
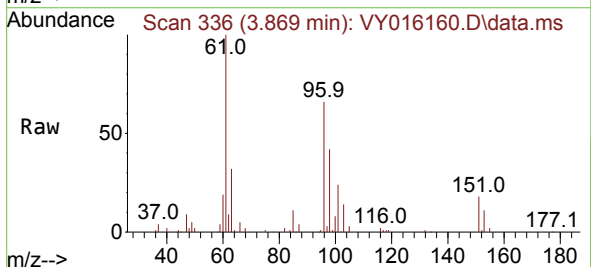
Instrument :
MSVOA_Y
ClientSampleId :

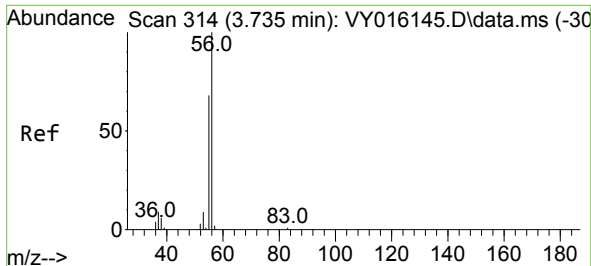
Tgt Ion: 59 Resp: 11787
Ion Ratio Lower Upper
59 100
57 6.1 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 19.913 ug/l
RT: 3.869 min Scan# 336
Delta R.T. -0.012 min
Lab File: VY016160.D
Acq: 01 Nov 2023 10:56

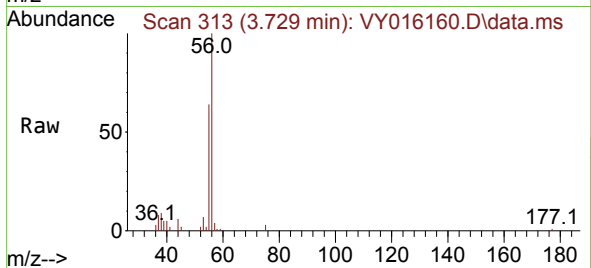
Tgt Ion: 96 Resp: 28040
Ion Ratio Lower Upper
96 100
61 150.5 136.4 204.6
98 63.3 49.4 74.2



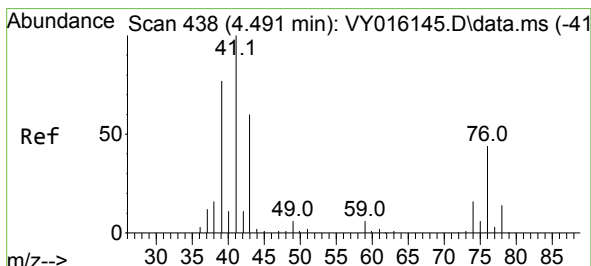
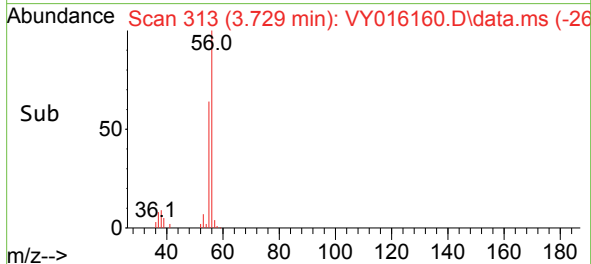
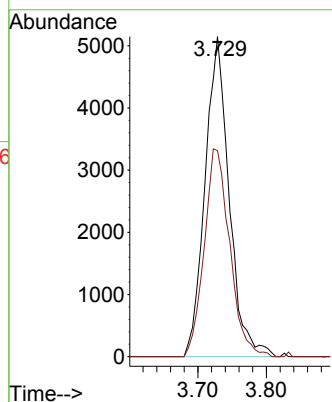


#13
Acrolein
Concen: 105.294 ug/l
RT: 3.729 min Scan# 314
Delta R.T. -0.006 min
Lab File: VY016160.D
Acq: 01 Nov 2023 10:56

Instrument :
MSVOA_Y
ClientSampleId :

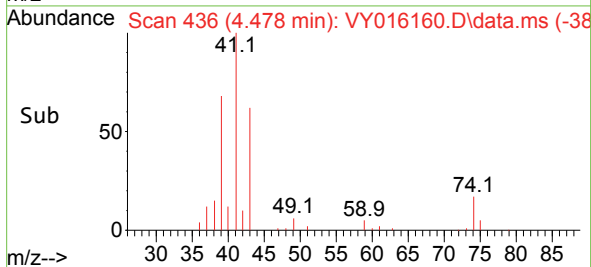
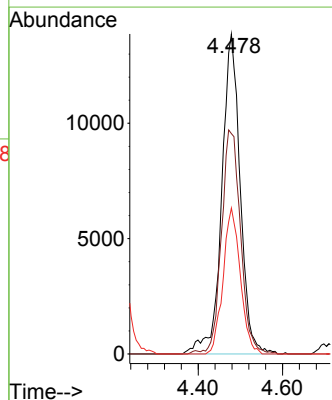
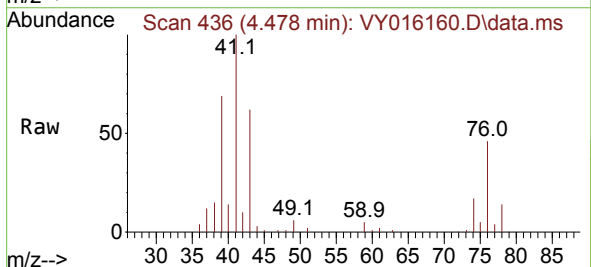


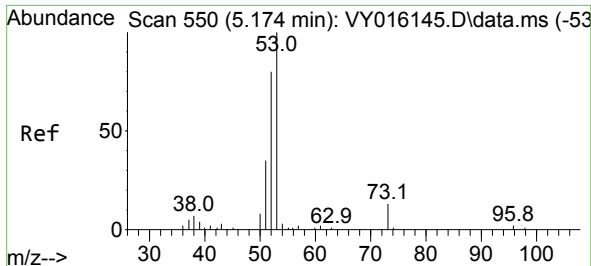
Tgt Ion: 56 Resp: 12592
Ion Ratio Lower Upper
56 100
55 68.7 57.0 85.4



#14
Allyl chloride
Concen: 20.867 ug/l
RT: 4.478 min Scan# 436
Delta R.T. -0.013 min
Lab File: VY016160.D
Acq: 01 Nov 2023 10:56

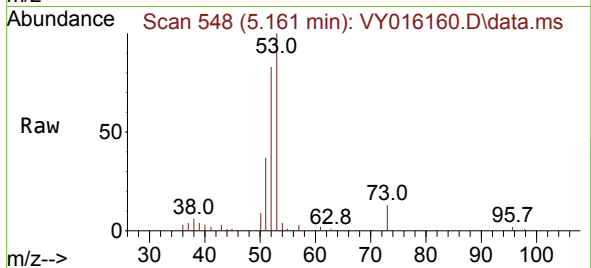
Tgt Ion: 41 Resp: 42028
Ion Ratio Lower Upper
41 100
39 72.0 58.0 87.0
76 42.4 27.4 41.2#



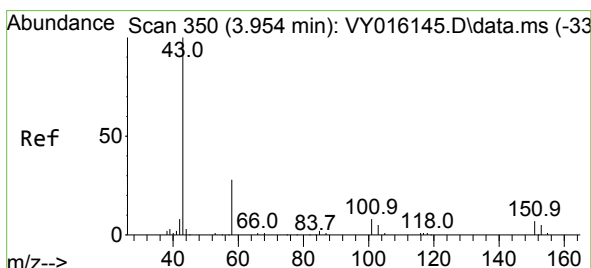
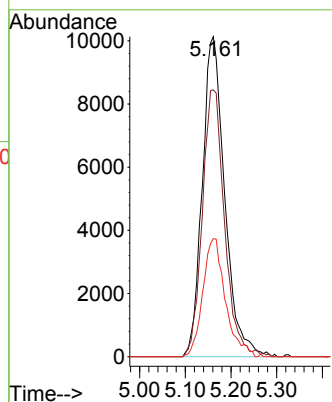
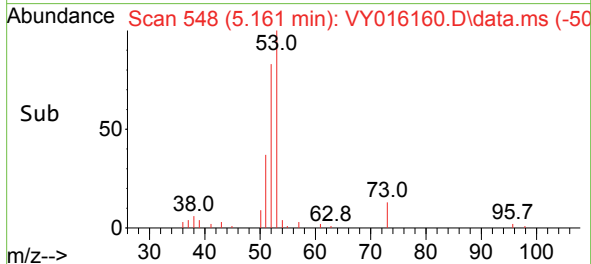


#15
Acrylonitrile
Concen: 99.716 ug/l
RT: 5.161 min Scan# 54
Delta R.T. -0.012 min
Lab File: VY016160.D
Acq: 01 Nov 2023 10:56

Instrument :
MSVOA_Y
ClientSampleId :

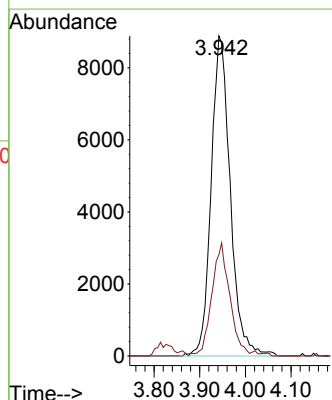
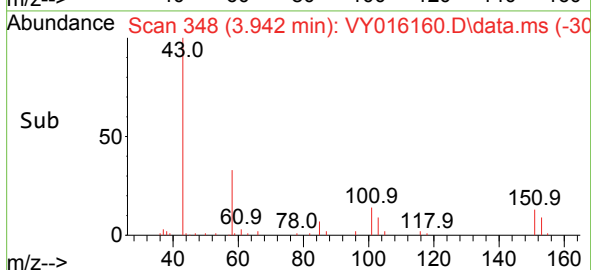
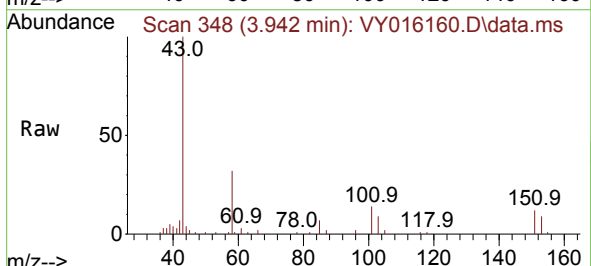


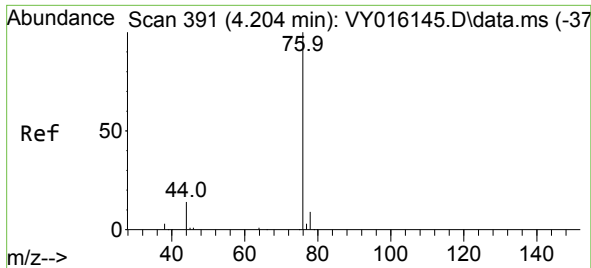
Tgt Ion: 53 Resp: 34584
Ion Ratio Lower Upper
53 100
52 82.5 66.9 100.3
51 37.1 29.8 44.6



#16
Acetone
Concen: 84.454 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.012 min
Lab File: VY016160.D
Acq: 01 Nov 2023 10:56

Tgt Ion: 43 Resp: 25807
Ion Ratio Lower Upper
43 100
58 31.7 22.7 34.1





#17

Carbon Disulfide

Concen: 19.207 ug/l

RT: 4.192 min Scan# 391

Delta R.T. -0.012 min

Lab File: VY016160.D

Acq: 01 Nov 2023 10:56

Instrument :

MSVOA_Y

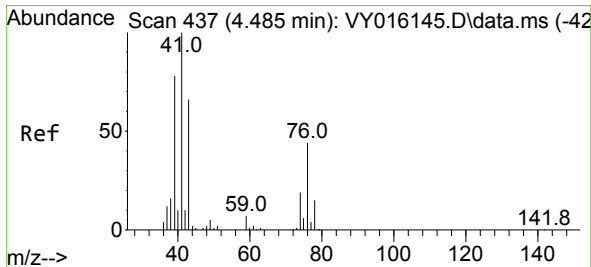
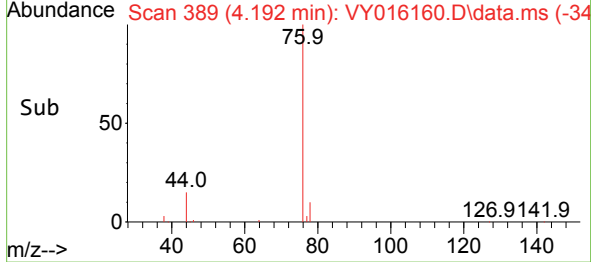
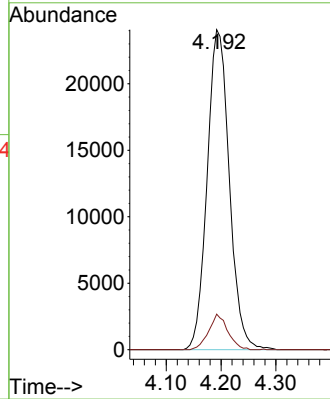
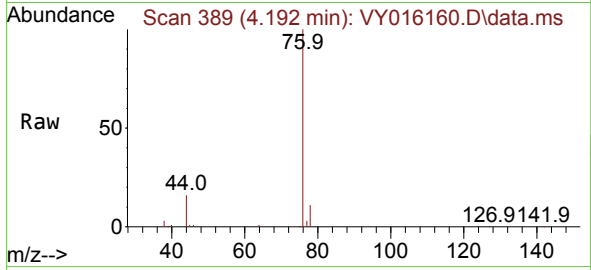
ClientSampleId :

Tgt Ion: 76 Resp: 67522

Ion Ratio Lower Upper

76 100

78 11.1 7.0 10.4#



#18

Methyl Acetate

Concen: 19.628 ug/l

RT: 4.478 min Scan# 436

Delta R.T. -0.006 min

Lab File: VY016160.D

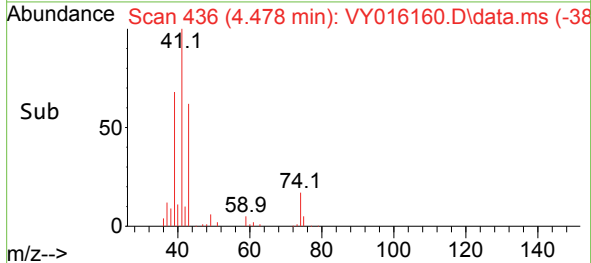
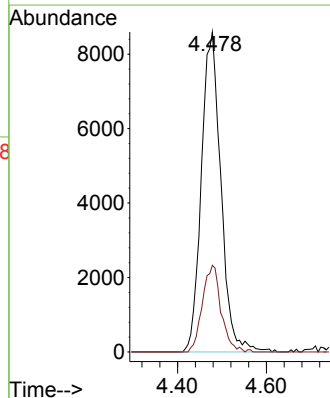
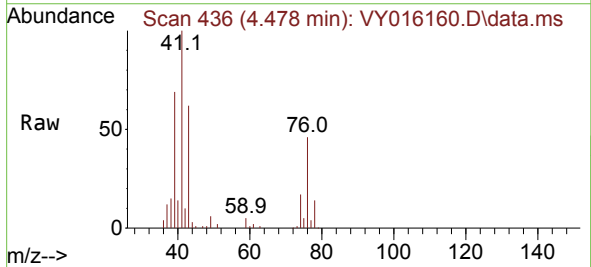
Acq: 01 Nov 2023 10:56

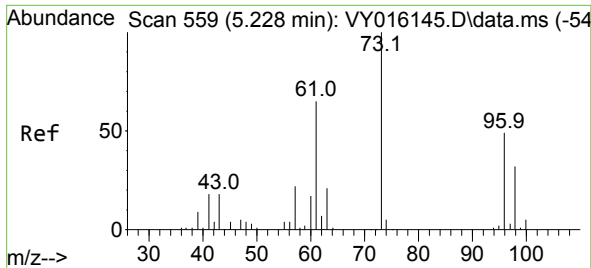
Tgt Ion: 43 Resp: 26284

Ion Ratio Lower Upper

43 100

74 25.7 17.4 26.0

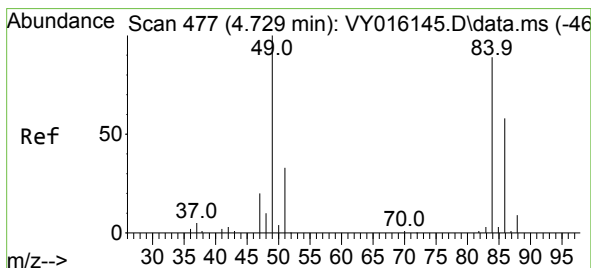
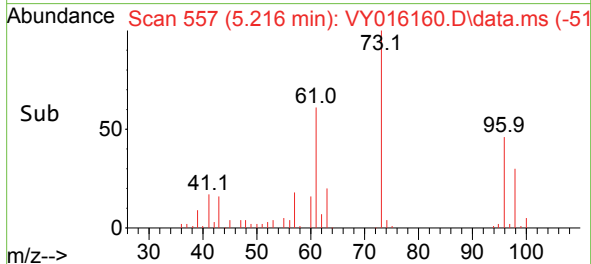
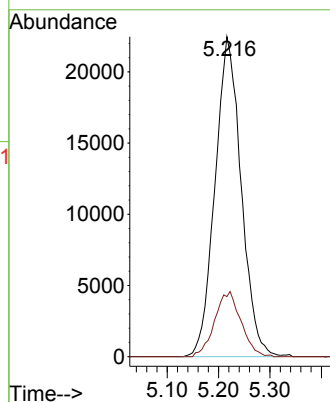
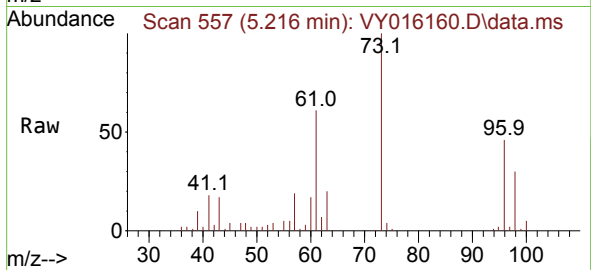




#19
Methyl tert-butyl Ether
Concen: 19.781 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY016160.D
Acq: 01 Nov 2023 10:56

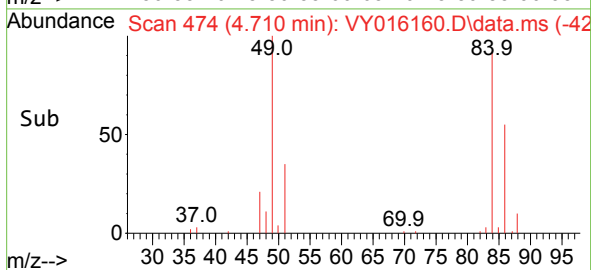
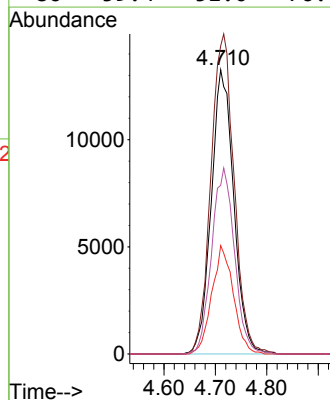
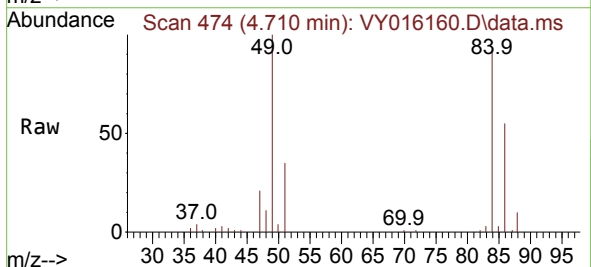
Instrument :
MSVOA_Y
ClientSampleId :

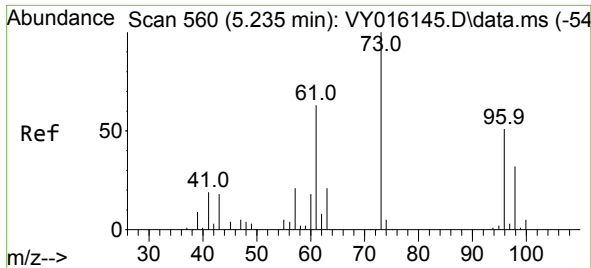
Tgt Ion: 73 Resp: 79230
Ion Ratio Lower Upper
73 100
57 18.8 17.3 25.9



#20
Methylene Chloride
Concen: 22.154 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.019 min
Lab File: VY016160.D
Acq: 01 Nov 2023 10:56

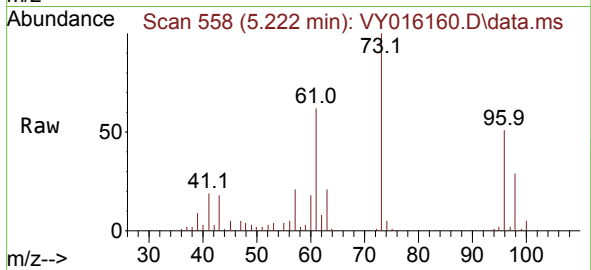
Tgt Ion: 84 Resp: 40393
Ion Ratio Lower Upper
84 100
49 108.4 106.9 160.3
51 38.1 33.2 49.8
86 59.4 51.0 76.6



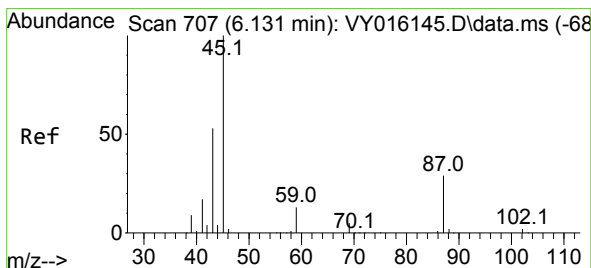
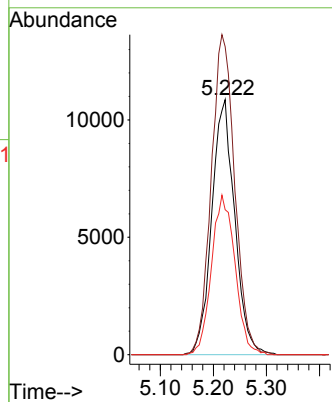
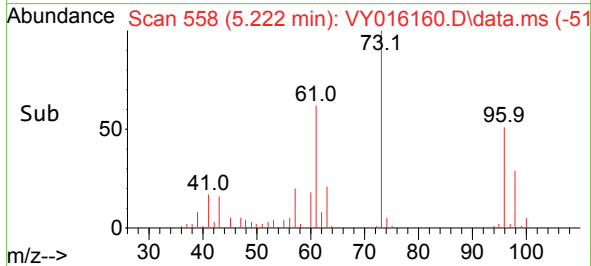


#21
trans-1,2-Dichloroethene
Concen: 19.905 ug/l
RT: 5.222 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY016160.D
Acq: 01 Nov 2023 10:56

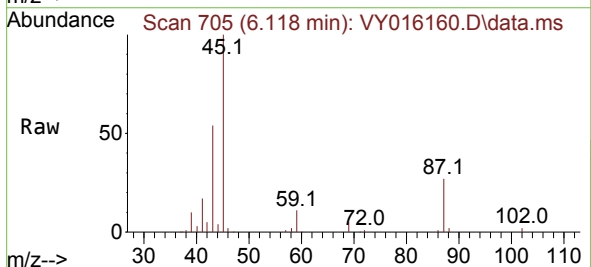
Instrument :
MSVOA_Y
ClientSampleId :



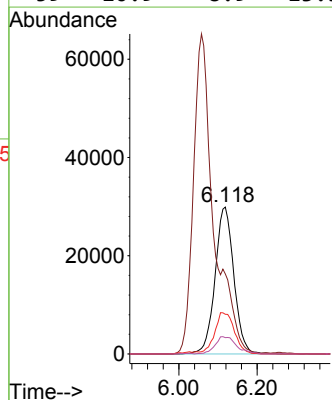
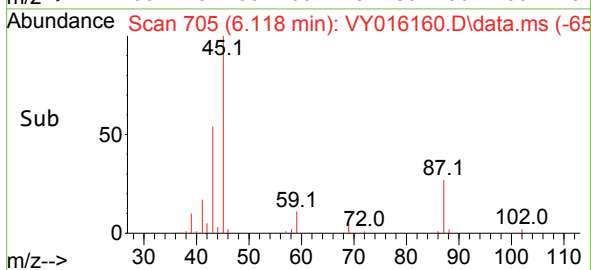
Tgt Ion: 96 Resp: 32647
Ion Ratio Lower Upper
96 100
61 120.7 110.2 165.4
98 56.8 51.8 77.6

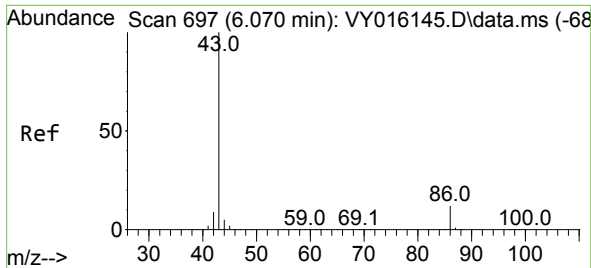


#22
Diisopropyl ether
Concen: 20.508 ug/l
RT: 6.118 min Scan# 705
Delta R.T. -0.012 min
Lab File: VY016160.D
Acq: 01 Nov 2023 10:56



Tgt Ion: 45 Resp: 99906
Ion Ratio Lower Upper
45 100
43 53.3 52.2 78.4
87 27.0 21.0 31.6
59 10.9 8.9 13.3

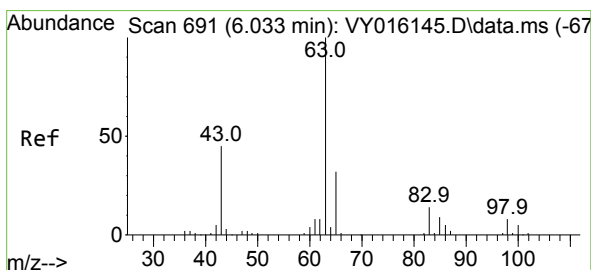
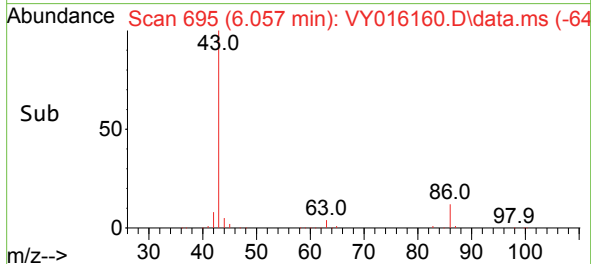
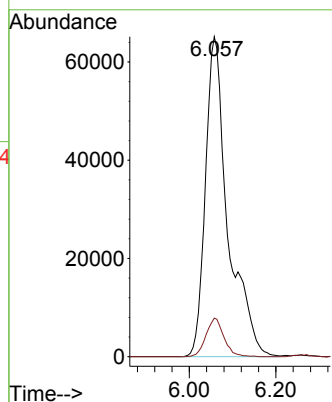
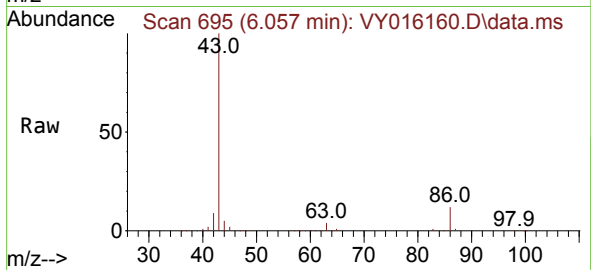




#23
 Vinyl Acetate
 Concen: 98.408 ug/l
 RT: 6.057 min Scan# 695
 Delta R.T. -0.012 min
 Lab File: VY016160.D
 Acq: 01 Nov 2023 10:56

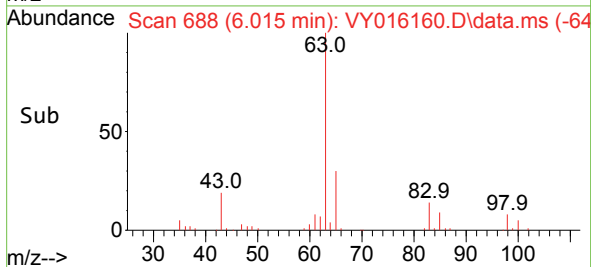
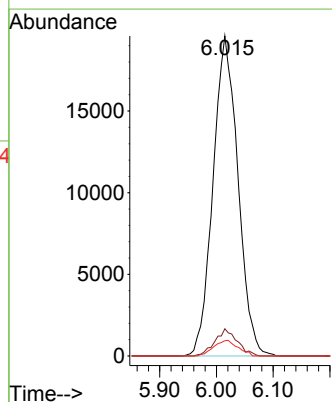
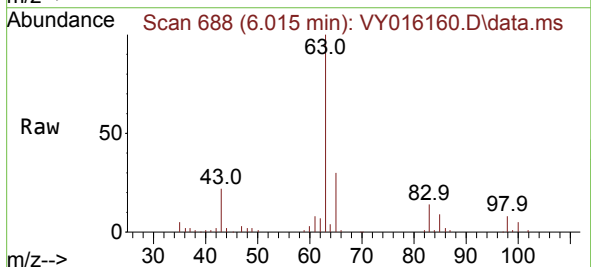
Instrument :
 MSVOA_Y
 ClientSampleId :

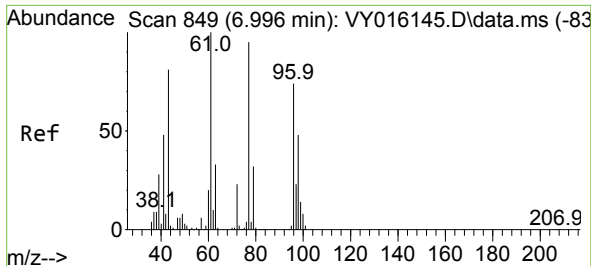
Tgt Ion: 43 Resp: 235376
 Ion Ratio Lower Upper
 43 100
 86 12.0 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 20.533 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.018 min
 Lab File: VY016160.D
 Acq: 01 Nov 2023 10:56

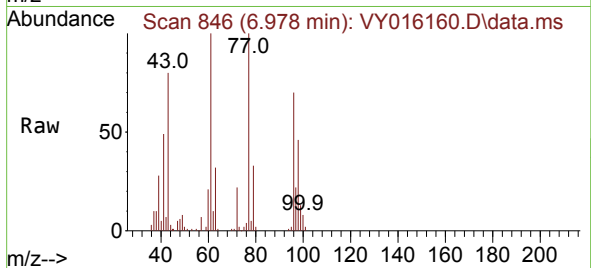
Tgt Ion: 63 Resp: 59865
 Ion Ratio Lower Upper
 63 100
 98 8.5 3.1 9.4
 100 4.7 1.8 5.5



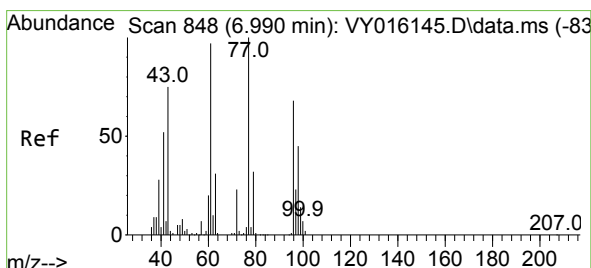
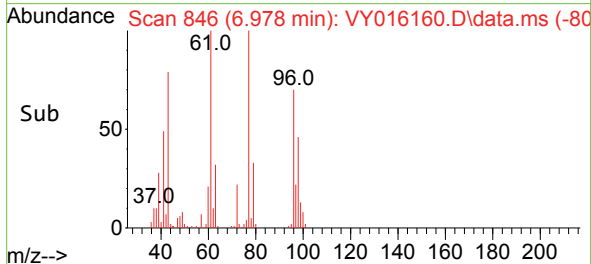
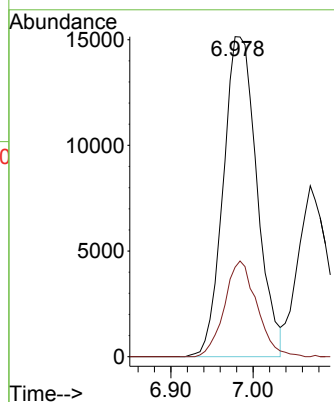


#25
2-Butanone
Concen: 93.867 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.018 min
Lab File: VY016160.D
Acq: 01 Nov 2023 10:56

Instrument :
MSVOA_Y
ClientSampleId :

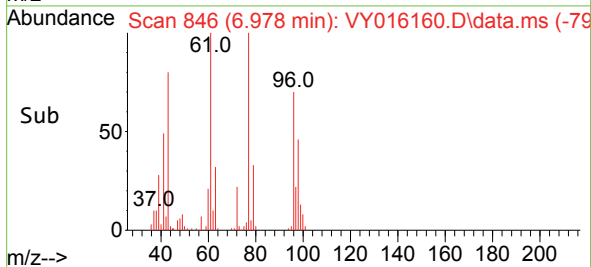
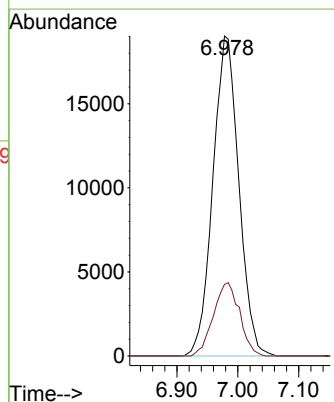
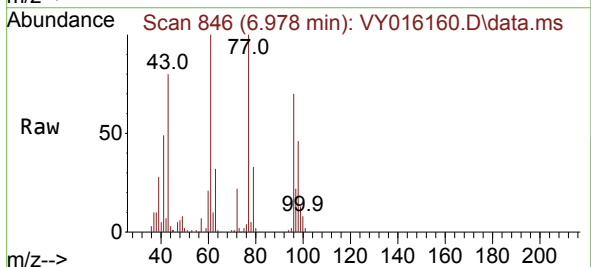


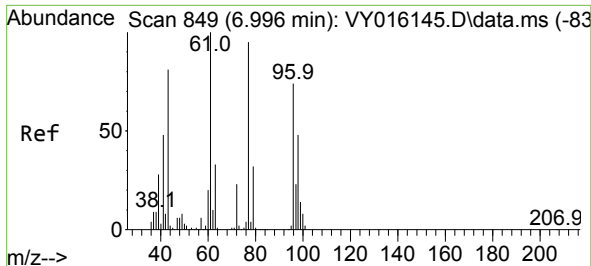
Tgt Ion: 43 Resp: 43122
Ion Ratio Lower Upper
43 100
72 28.0 20.5 30.7



#26
2,2-Dichloropropane
Concen: 20.386 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.012 min
Lab File: VY016160.D
Acq: 01 Nov 2023 10:56

Tgt Ion: 77 Resp: 56187
Ion Ratio Lower Upper
77 100
97 23.2 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 20.471 ug/l

RT: 6.984 min Scan# 849

Delta R.T. -0.012 min

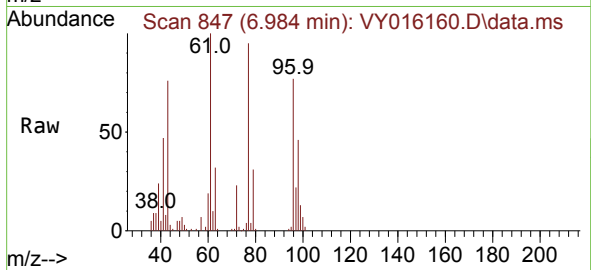
Lab File: VY016160.D

Acq: 01 Nov 2023 10:56

Instrument :

MSVOA_Y

ClientSampleId :



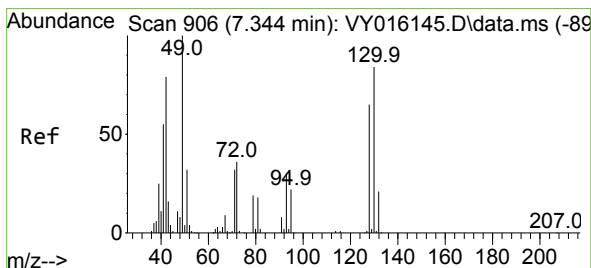
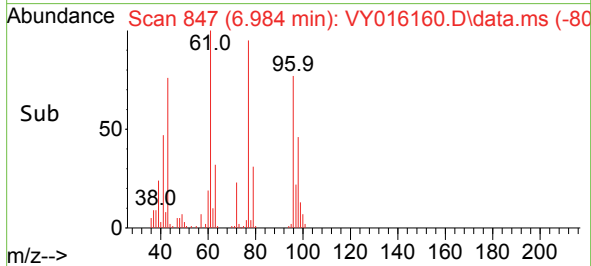
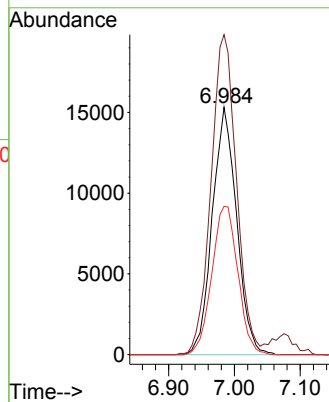
Tgt Ion: 96 Resp: 39514

Ion Ratio Lower Upper

96 100

61 135.0 0.0 301.4

98 64.2 0.0 130.4



#28

Bromochloromethane

Concen: 19.407 ug/l

RT: 7.332 min Scan# 904

Delta R.T. -0.012 min

Lab File: VY016160.D

Acq: 01 Nov 2023 10:56

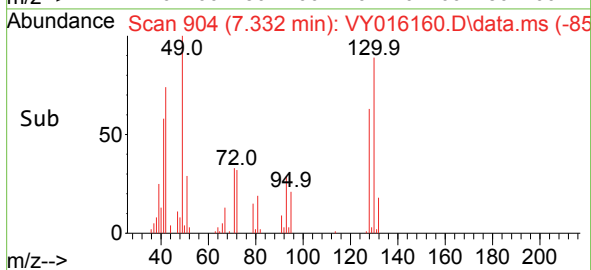
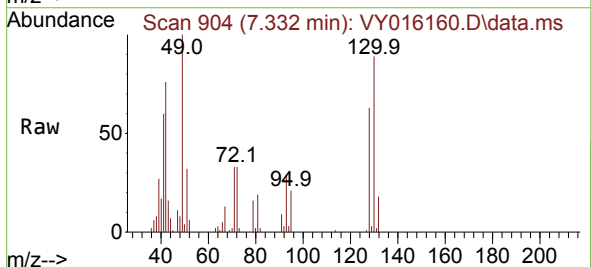
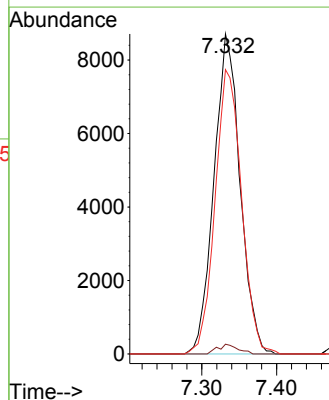
Tgt Ion: 49 Resp: 21173

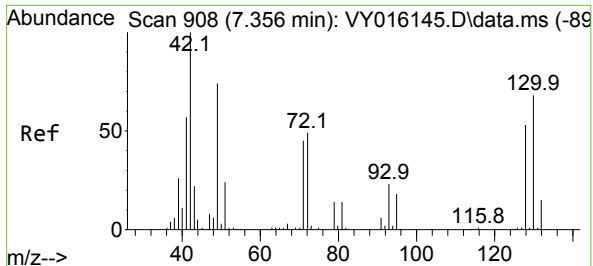
Ion Ratio Lower Upper

49 100

129 2.3 0.0 4.6

130 90.0 60.7 91.1





#29

Tetrahydrofuran

Concen: 99.633 ug/l

RT: 7.344 min Scan# 908

Delta R.T. -0.012 min

Lab File: VY016160.D

Acq: 01 Nov 2023 10:56

Instrument :

MSVOA_Y

ClientSampleId :

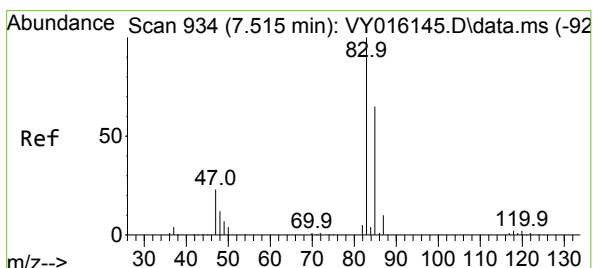
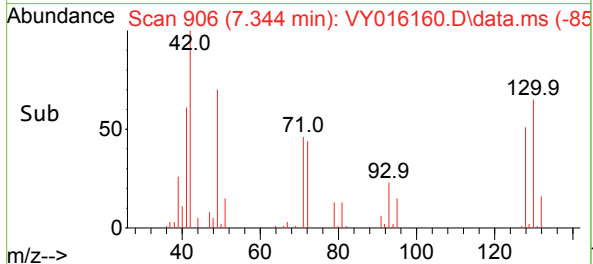
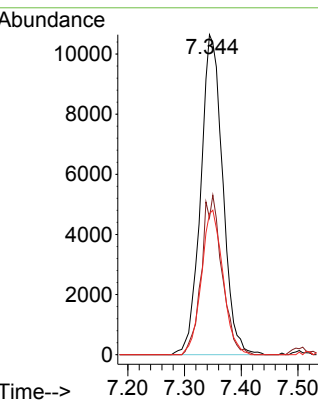
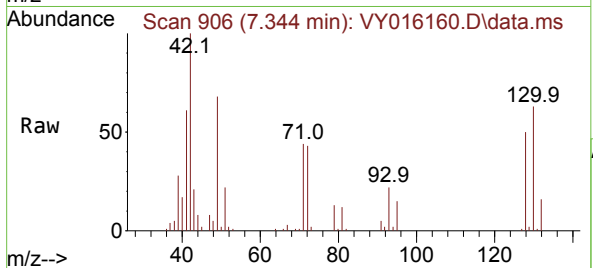
Tgt Ion: 42 Resp: 28692

Ion Ratio Lower Upper

42 100

72 46.7 32.8 49.2

71 44.2 31.0 46.4



#30

Chloroform

Concen: 20.639 ug/l

RT: 7.508 min Scan# 933

Delta R.T. -0.006 min

Lab File: VY016160.D

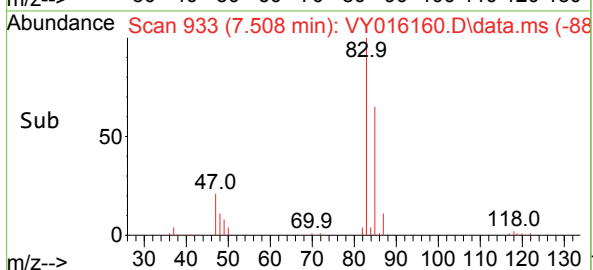
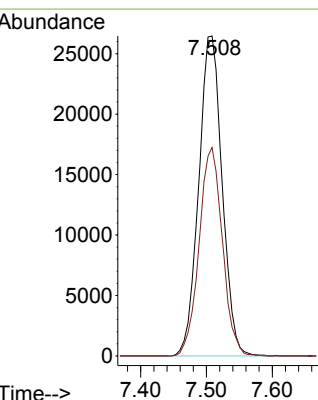
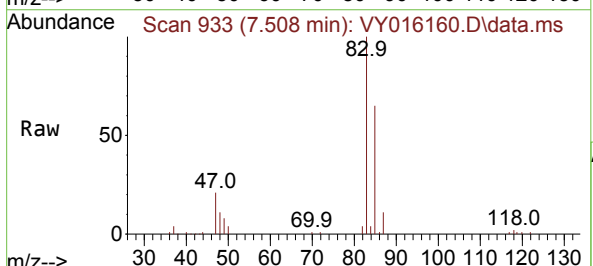
Acq: 01 Nov 2023 10:56

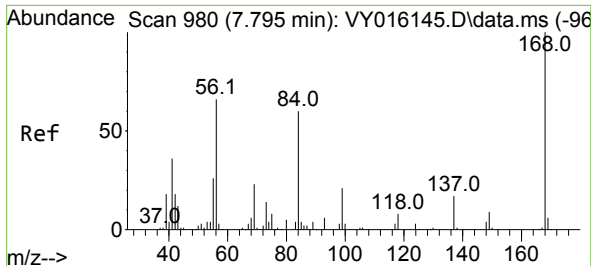
Tgt Ion: 83 Resp: 65513

Ion Ratio Lower Upper

83 100

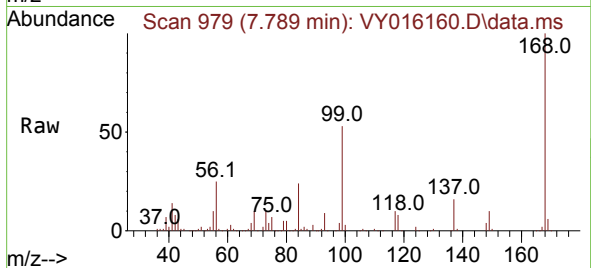
85 65.2 49.7 74.5



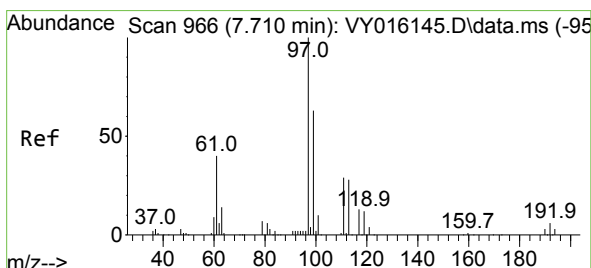
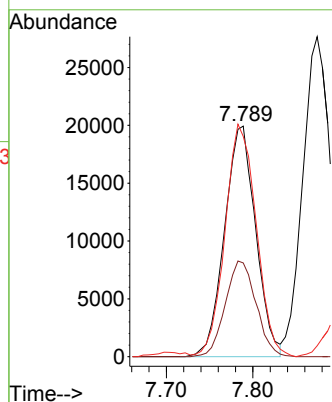
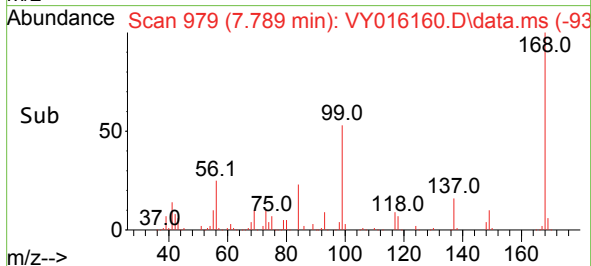


#31
Cyclohexane
Concen: 19.487 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016160.D
Acq: 01 Nov 2023 10:56

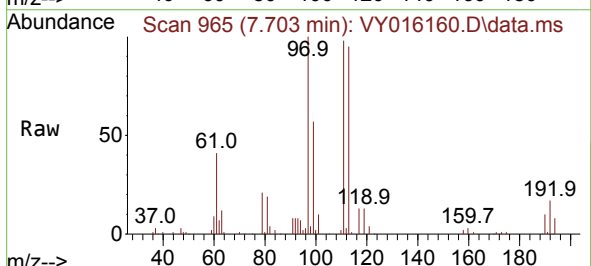
Instrument :
MSVOA_Y
ClientSampleId :



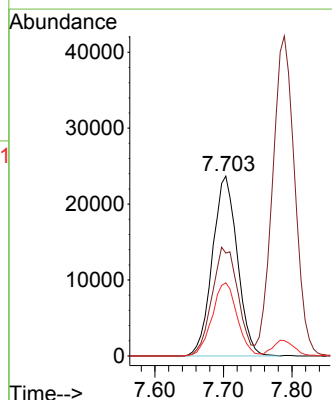
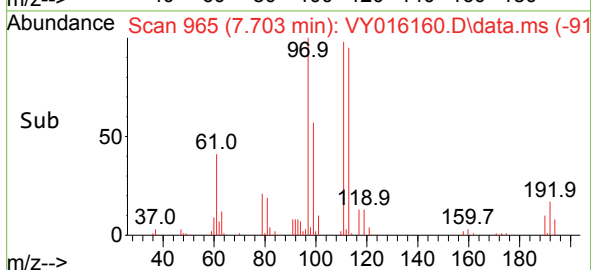
Tgt Ion: 56 Resp: 49882
Ion Ratio Lower Upper
56 100
69 40.7 27.8 41.6
84 94.3 66.4 99.6

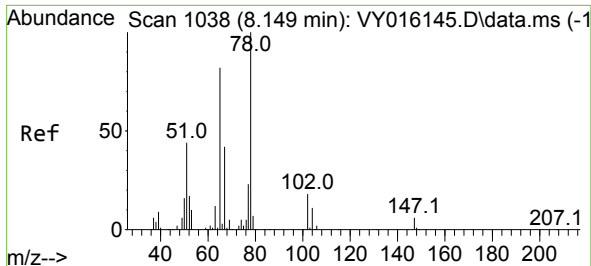


#32
1,1,1-Trichloroethane
Concen: 20.556 ug/l
RT: 7.703 min Scan# 965
Delta R.T. -0.006 min
Lab File: VY016160.D
Acq: 01 Nov 2023 10:56



Tgt Ion: 97 Resp: 59839
Ion Ratio Lower Upper
97 100
99 63.4 50.8 76.2
61 41.1 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 49.733 ug/l

RT: 8.142 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY016160.D

Acq: 01 Nov 2023 10:56

Instrument :

MSVOA_Y

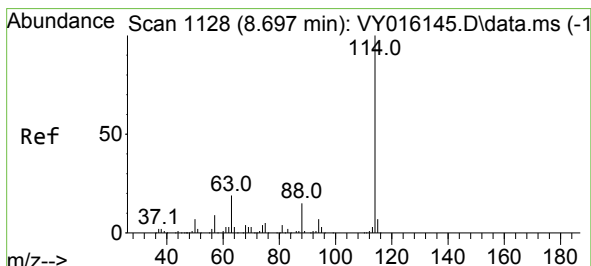
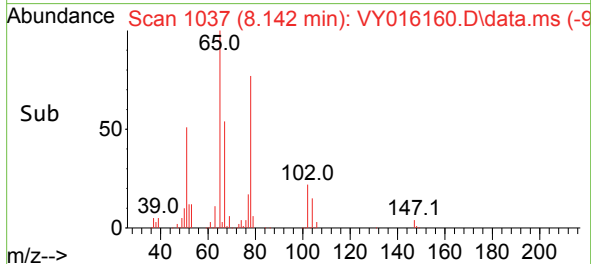
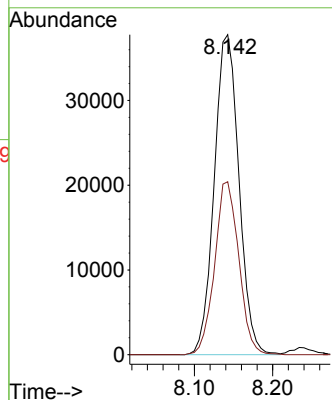
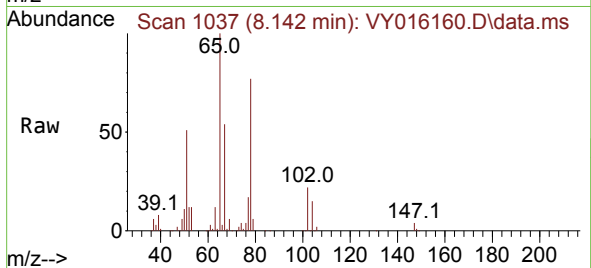
ClientSampleId :

Tgt Ion: 65 Resp: 82813

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. -0.006 min

Lab File: VY016160.D

Acq: 01 Nov 2023 10:56

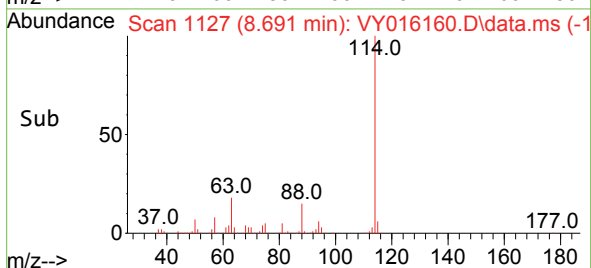
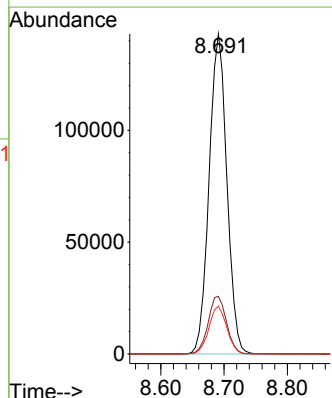
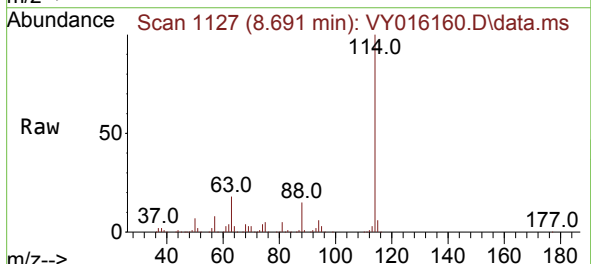
Tgt Ion: 114 Resp: 279159

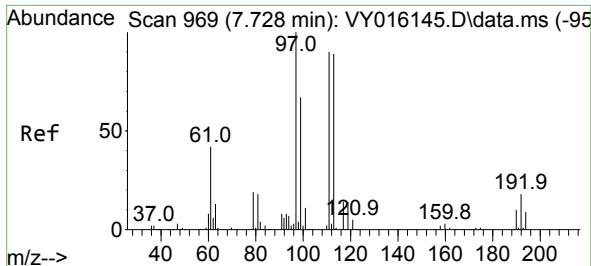
Ion Ratio Lower Upper

114 100

63 18.0 0.0 42.4

88 14.9 0.0 30.6

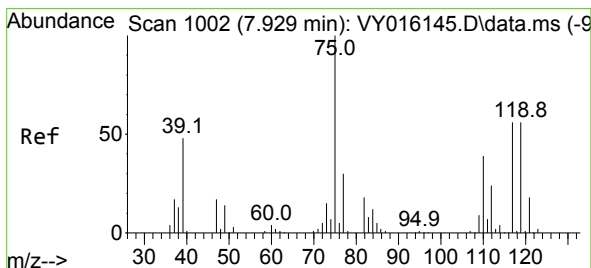
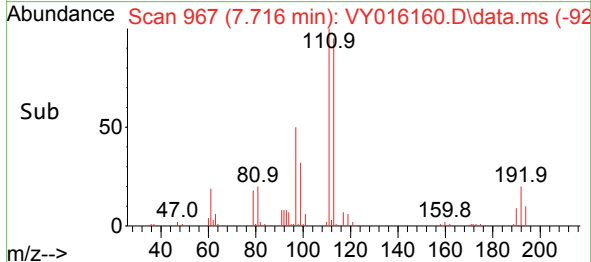
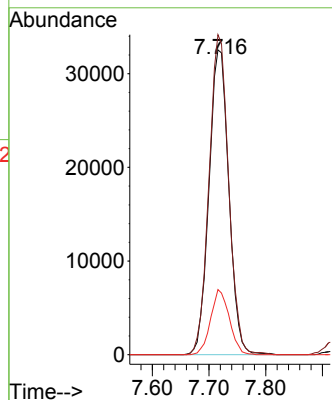
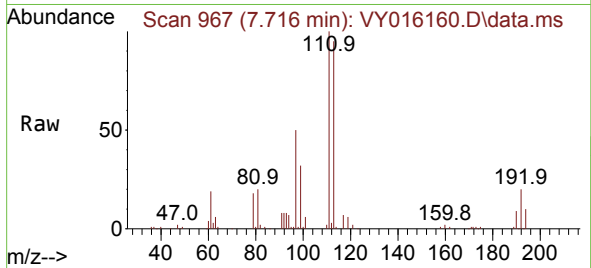




#35
Dibromofluoromethane
Concen: 47.641 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY016160.D
Acq: 01 Nov 2023 10:56

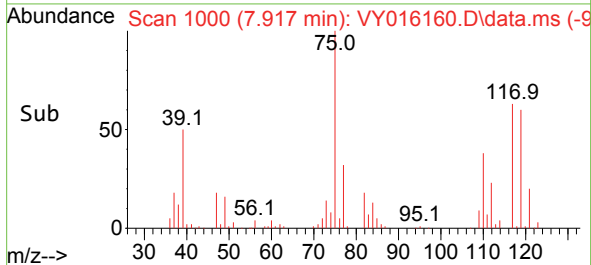
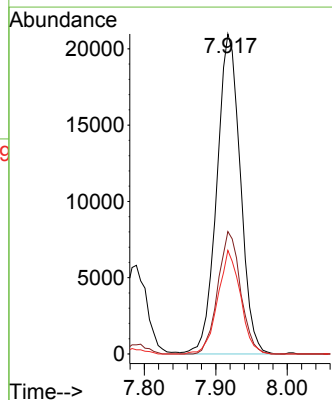
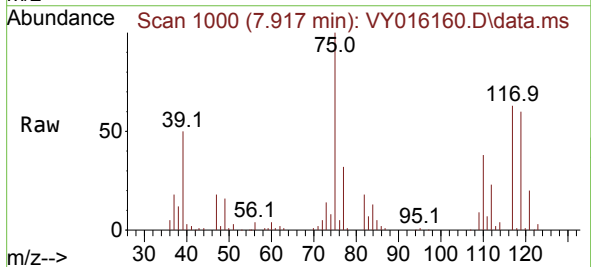
Instrument :
MSVOA_Y
ClientSampleId :

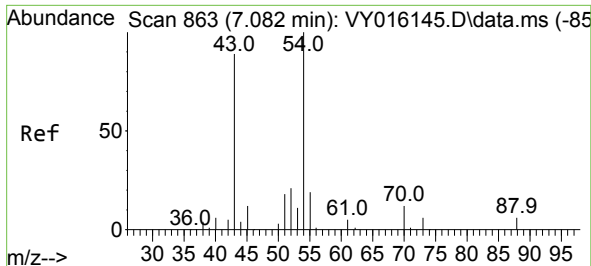
Tgt Ion:113 Resp: 79287
Ion Ratio Lower Upper
113 100
111 103.7 81.3 121.9
192 20.1 16.9 25.3



#36
1,1-Dichloropropene
Concen: 19.928 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.012 min
Lab File: VY016160.D
Acq: 01 Nov 2023 10:56

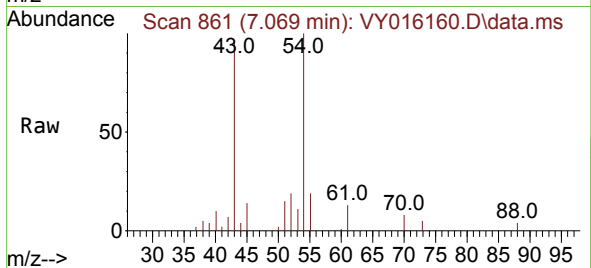
Tgt Ion: 75 Resp: 47891
Ion Ratio Lower Upper
75 100
110 36.9 17.8 53.5
77 31.3 24.4 36.6



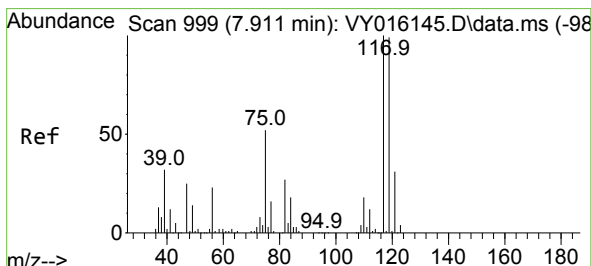
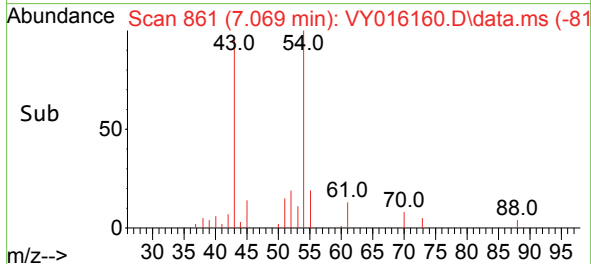
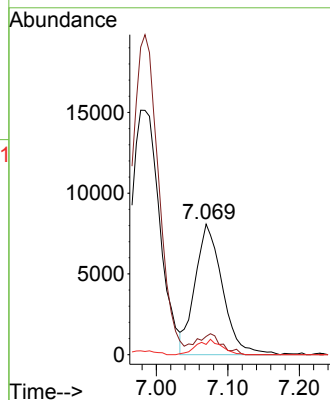


#37
Ethyl Acetate
Concen: 20.079 ug/l
RT: 7.069 min Scan# 80
Delta R.T. -0.012 min
Lab File: VY016160.D
Acq: 01 Nov 2023 10:56

Instrument :
MSVOA_Y
ClientSampleId :

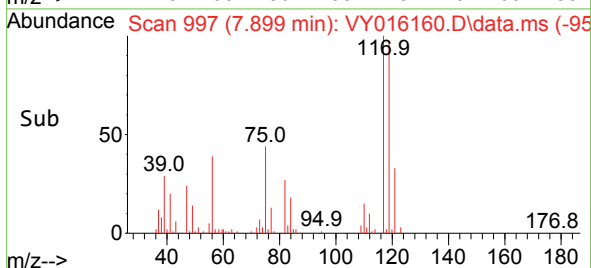
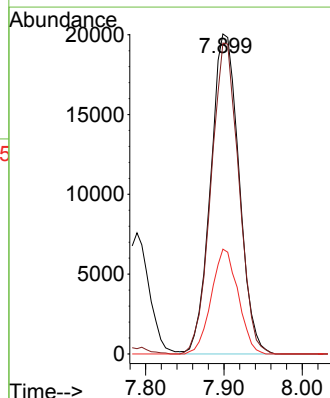
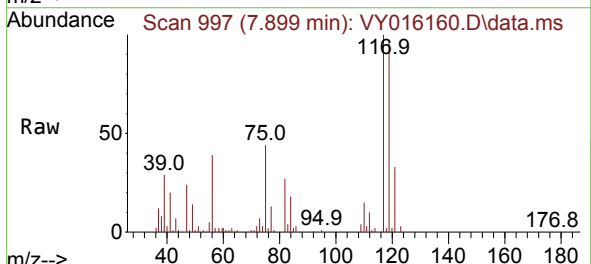


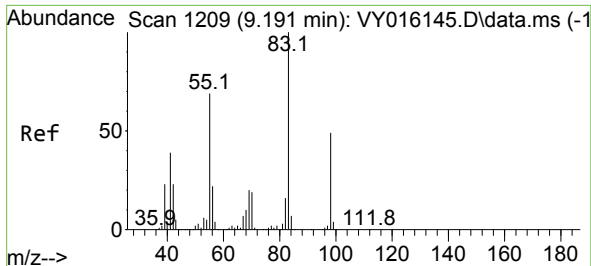
Tgt Ion: 43 Resp: 21492
Ion Ratio Lower Upper
43 100
61 13.1 10.1 15.1
70 10.4 7.1 10.7



#38
Carbon Tetrachloride
Concen: 21.208 ug/l
RT: 7.899 min Scan# 997
Delta R.T. -0.012 min
Lab File: VY016160.D
Acq: 01 Nov 2023 10:56

Tgt Ion: 117 Resp: 50493
Ion Ratio Lower Upper
117 100
119 97.1 76.4 114.6
121 32.7 25.8 38.6





#39

Methylcyclohexane

Concen: 19.796 ug/l

RT: 9.185 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY016160.D

Acq: 01 Nov 2023 10:56

Instrument :

MSVOA_Y

ClientSampleId :

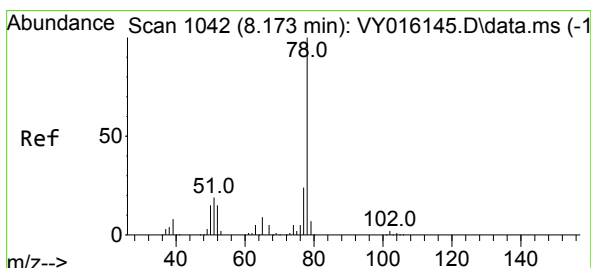
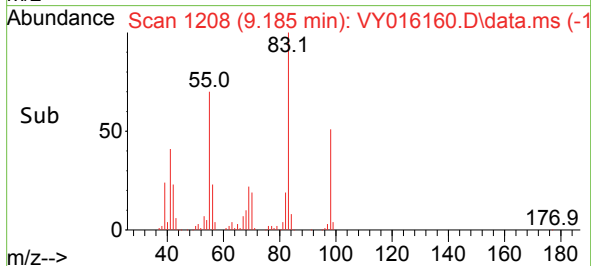
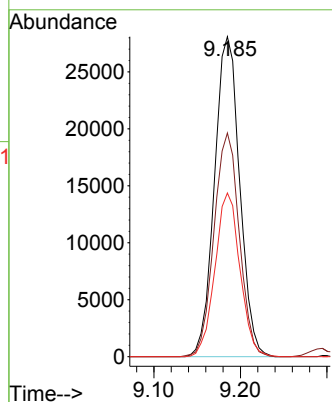
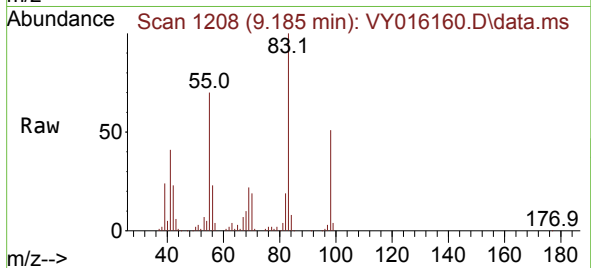
Tgt Ion: 83 Resp: 56787

Ion Ratio Lower Upper

83 100

55 69.9 63.0 94.4

98 51.2 37.4 56.2



#40

Benzene

Concen: 20.170 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.012 min

Lab File: VY016160.D

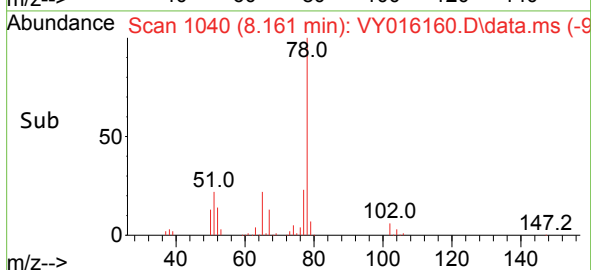
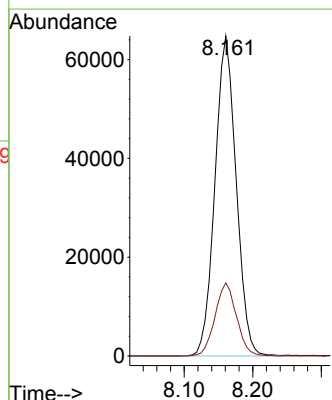
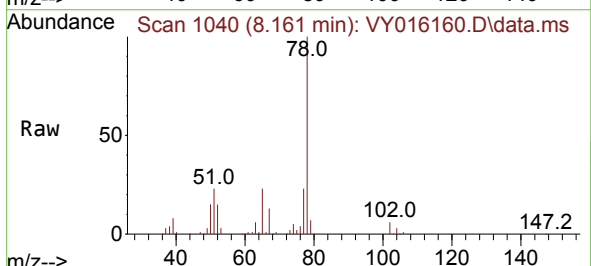
Acq: 01 Nov 2023 10:56

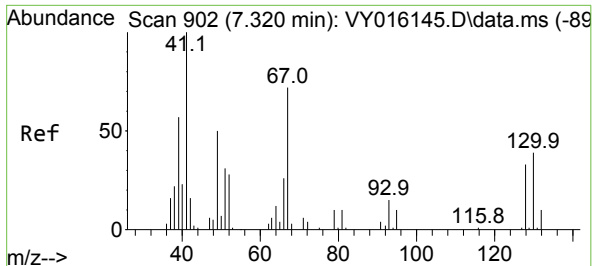
Tgt Ion: 78 Resp: 139161

Ion Ratio Lower Upper

78 100

77 22.9 19.0 28.6



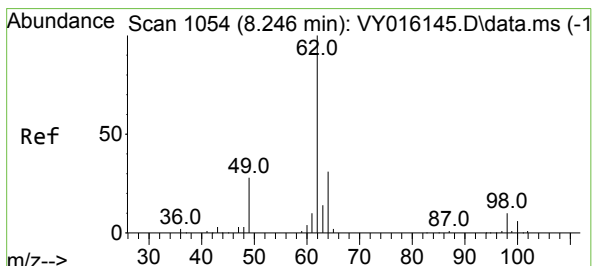
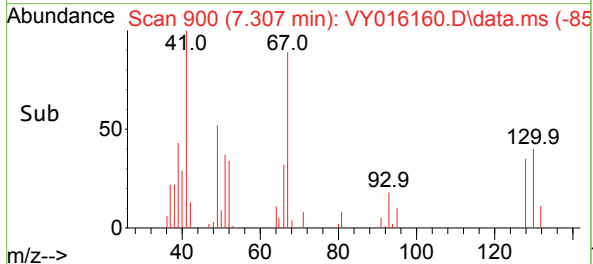
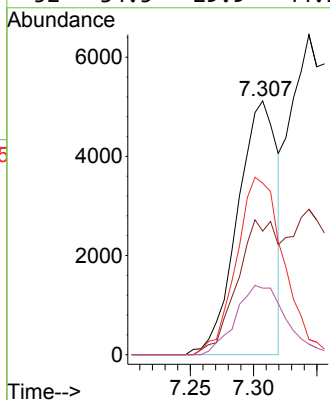
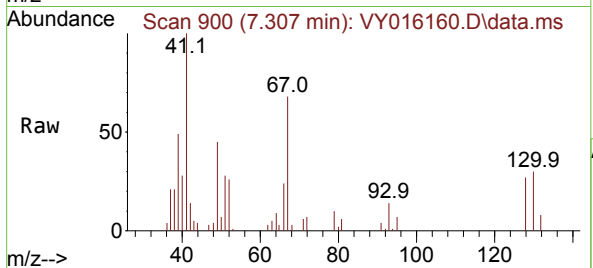


#41
Methacrylonitrile
Concen: 17.885 ug/l
RT: 7.307 min Scan# 90
Delta R.T. -0.012 min
Lab File: VY016160.D
Acq: 01 Nov 2023 10:56

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 41 Resp: 11112

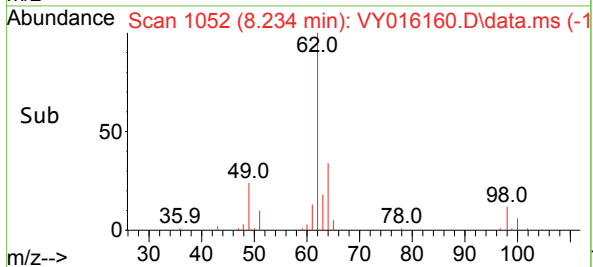
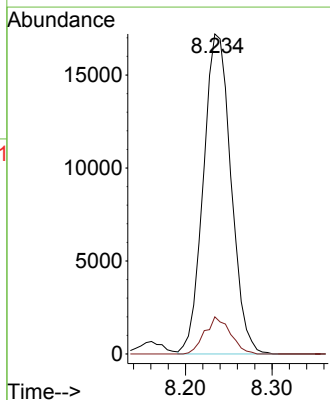
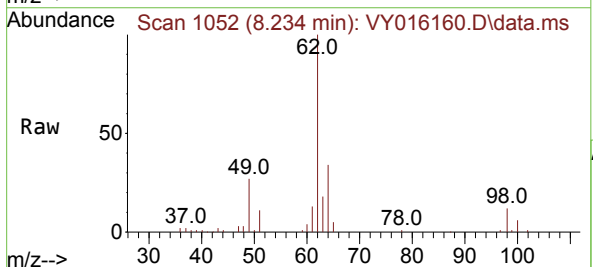
Ion	Ratio	Lower	Upper
41	100		
39	54.0	52.1	78.1
67	83.7	66.2	99.2
52	34.5	29.9	44.9

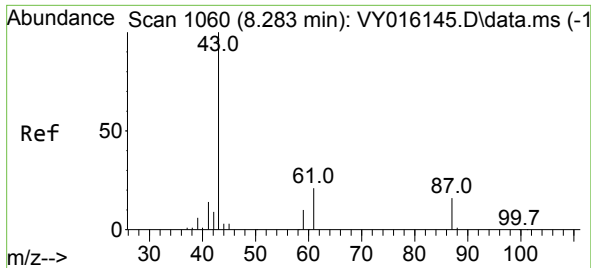


#42
1,2-Dichloroethane
Concen: 19.839 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.012 min
Lab File: VY016160.D
Acq: 01 Nov 2023 10:56

Tgt Ion: 62 Resp: 38198

Ion	Ratio	Lower	Upper
62	100		
98	10.7	0.0	15.8

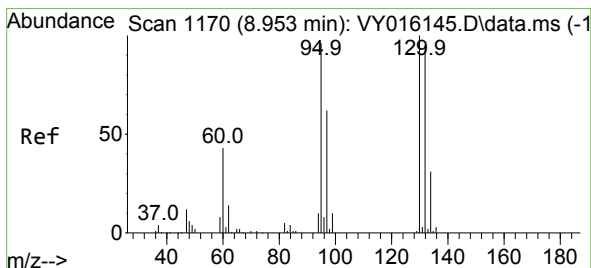
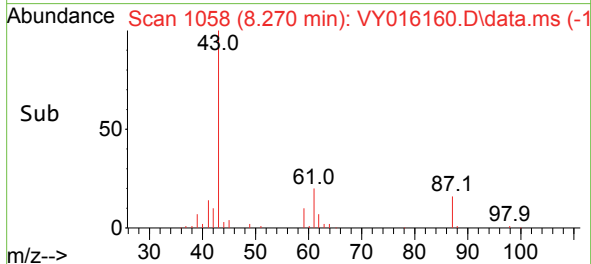
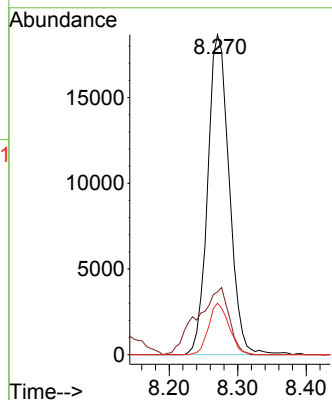
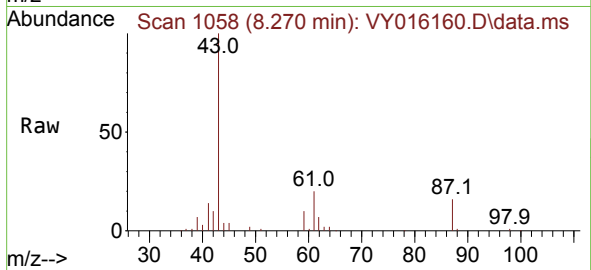




#43
Isopropyl Acetate
Concen: 19.262 ug/l
RT: 8.270 min Scan# 1058
Delta R.T. -0.012 min
Lab File: VY016160.D
Acq: 01 Nov 2023 10:56

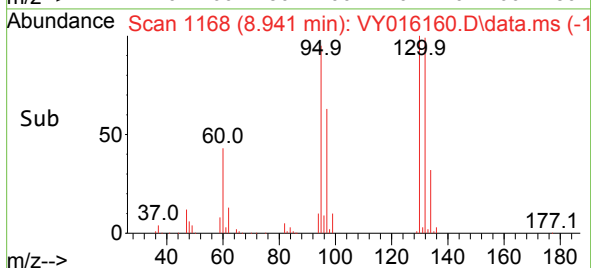
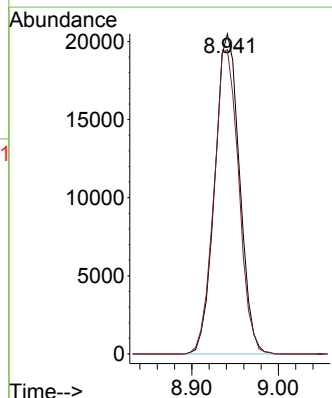
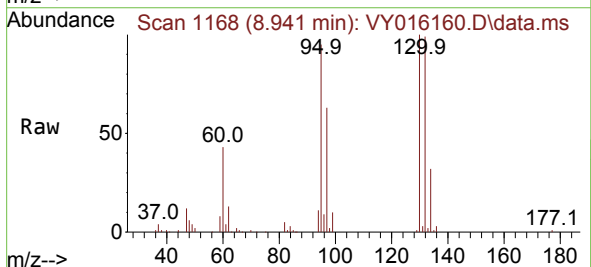
Instrument :
MSVOA_Y
ClientSampleId :

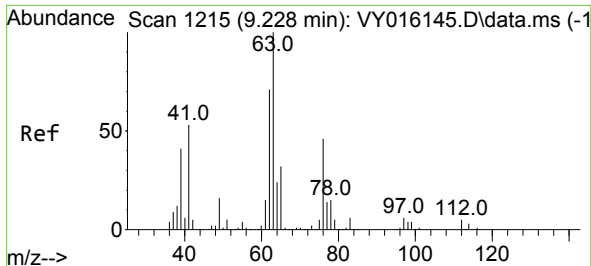
Tgt Ion: 43 Resp: 40782
Ion Ratio Lower Upper
43 100
61 31.1 21.1 31.7
87 15.3 9.8 14.8#



#44
Trichloroethene
Concen: 20.052 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. -0.012 min
Lab File: VY016160.D
Acq: 01 Nov 2023 10:56

Tgt Ion:130 Resp: 40486
Ion Ratio Lower Upper
130 100
95 95.1 0.0 196.0

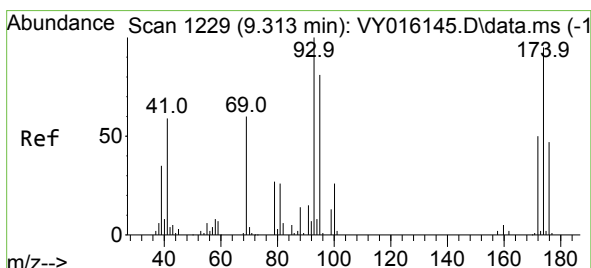
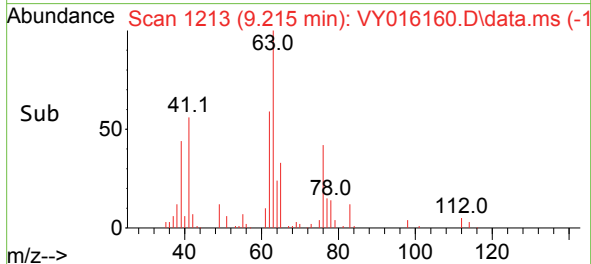
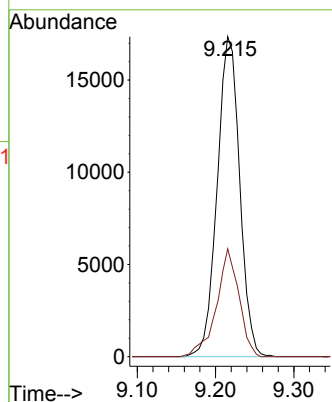
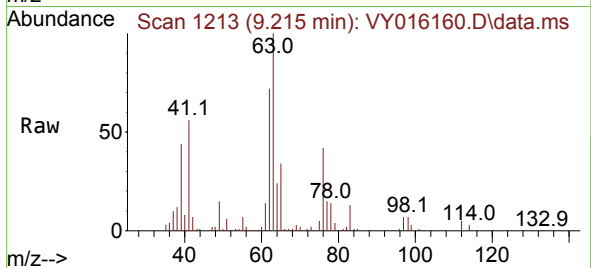




#45
1,2-Dichloropropane
Concen: 20.865 ug/l
RT: 9.215 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY016160.D
Acq: 01 Nov 2023 10:56

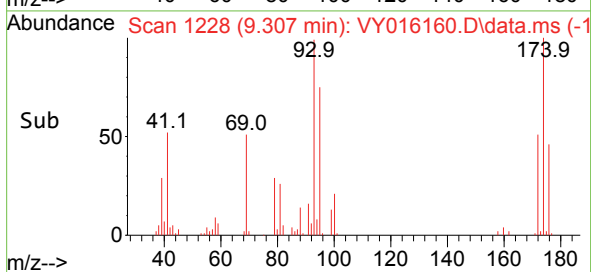
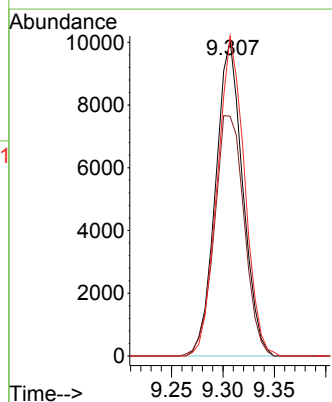
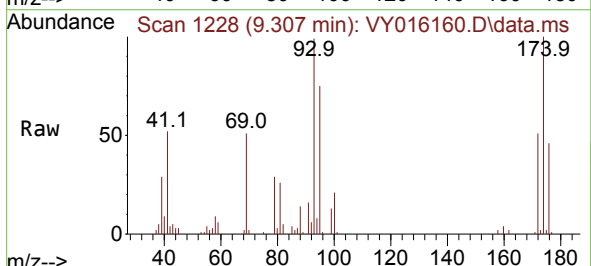
Instrument :
MSVOA_Y
ClientSampleId :

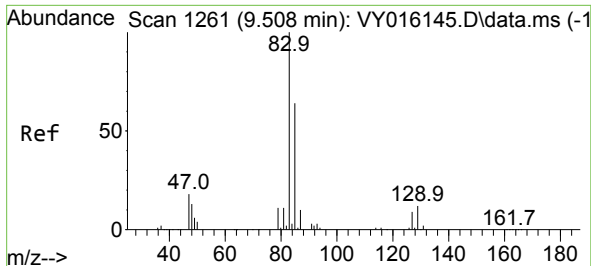
Tgt Ion: 63 Resp: 34629
Ion Ratio Lower Upper
63 100
65 33.7 23.8 35.6



#46
Dibromomethane
Concen: 19.539 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. -0.006 min
Lab File: VY016160.D
Acq: 01 Nov 2023 10:56

Tgt Ion: 93 Resp: 18396
Ion Ratio Lower Upper
93 100
95 83.9 66.6 100.0
174 102.1 84.8 127.2

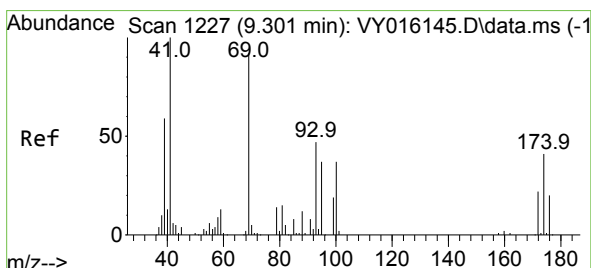
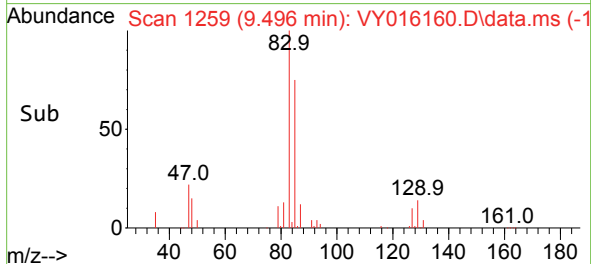
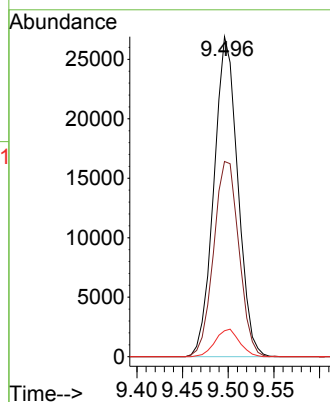
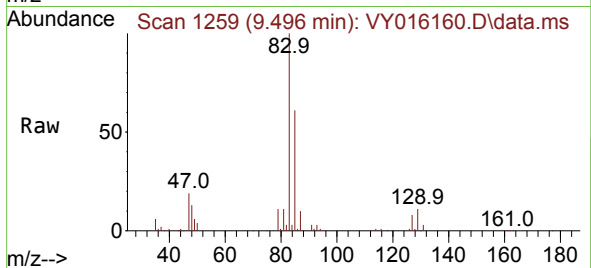




#47
Bromodichloromethane
Concen: 20.452 ug/l
RT: 9.496 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY016160.D
Acq: 01 Nov 2023 10:56

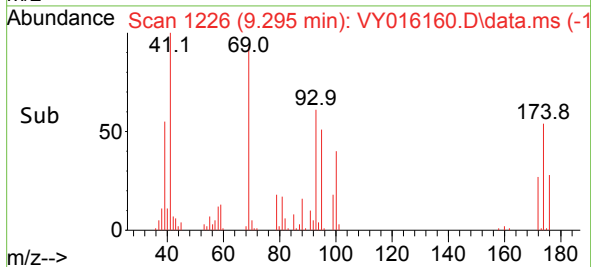
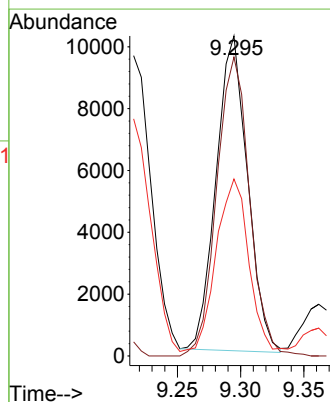
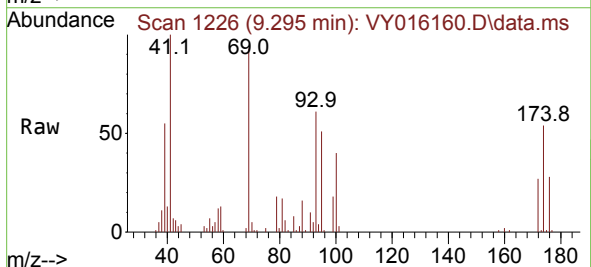
Instrument :
MSVOA_Y
ClientSampleId :

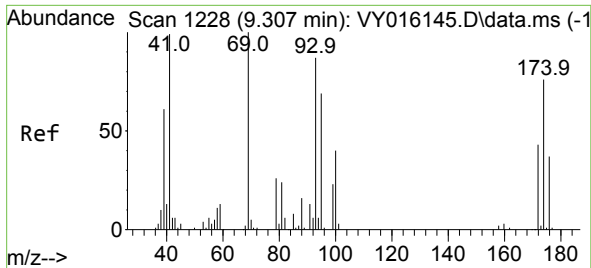
Tgt Ion: 83 Resp: 48924
Ion Ratio Lower Upper
83 100
85 61.0 50.1 75.1
127 8.1 7.1 10.7



#48
Methyl methacrylate
Concen: 18.269 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. -0.006 min
Lab File: VY016160.D
Acq: 01 Nov 2023 10:56

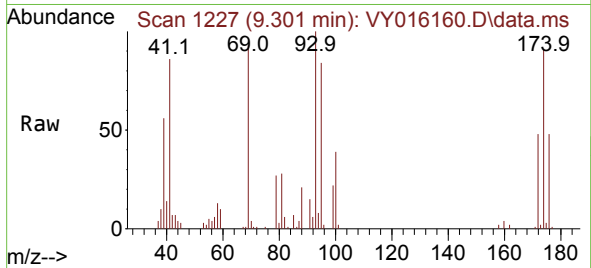
Tgt Ion: 41 Resp: 17589
Ion Ratio Lower Upper
41 100
69 99.2 64.5 96.7#
39 60.3 50.8 76.2



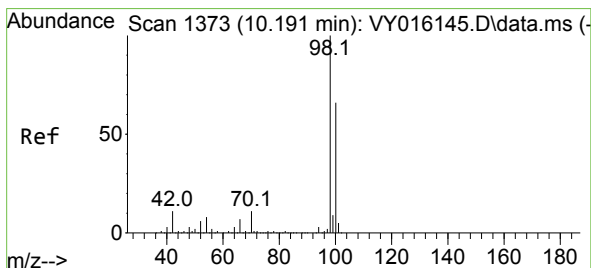
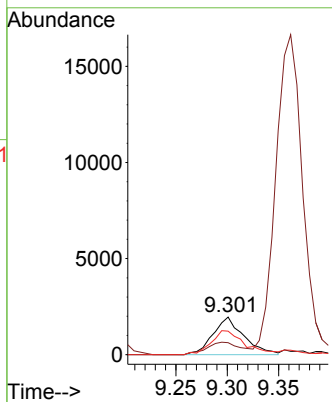
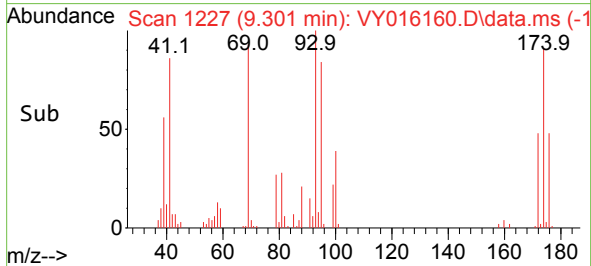


#49
 1,4-Dioxane
 Concen: 279.258 ug/l
 RT: 9.301 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VY016160.D
 Acq: 01 Nov 2023 10:56

Instrument :
 MSVOA_Y
 ClientSampleId :

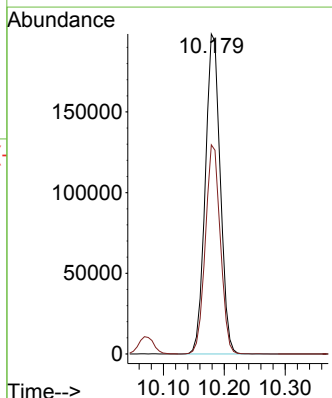
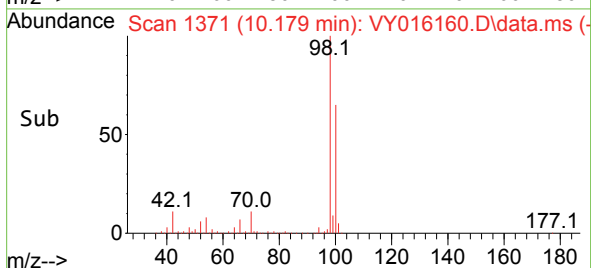
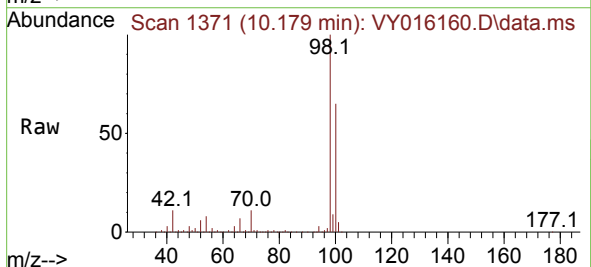


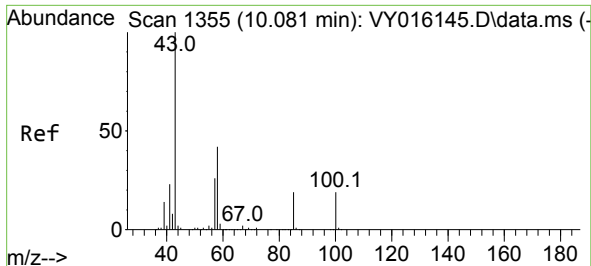
Tgt Ion: 88 Resp: 4065
 Ion Ratio Lower Upper
 88 100
 43 35.3 0.0 0.0#
 58 69.6 30.9 46.3#



#50
 Toluene-d8
 Concen: 51.325 ug/l
 RT: 10.179 min Scan# 1371
 Delta R.T. -0.012 min
 Lab File: VY016160.D
 Acq: 01 Nov 2023 10:56

Tgt Ion: 98 Resp: 338665
 Ion Ratio Lower Upper
 98 100
 100 65.4 50.1 75.1

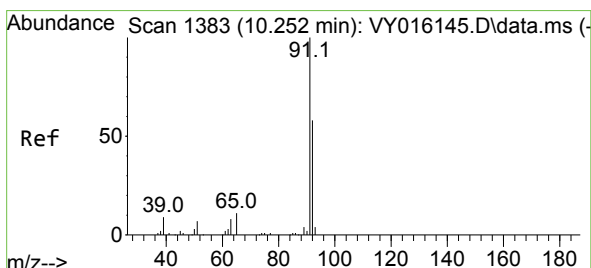
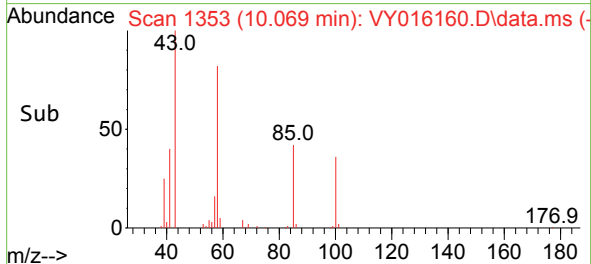
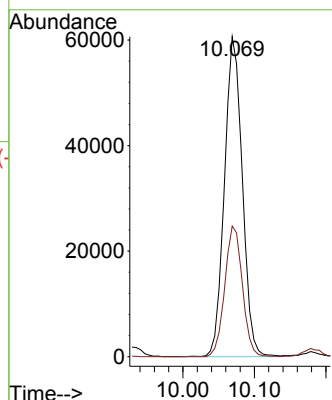
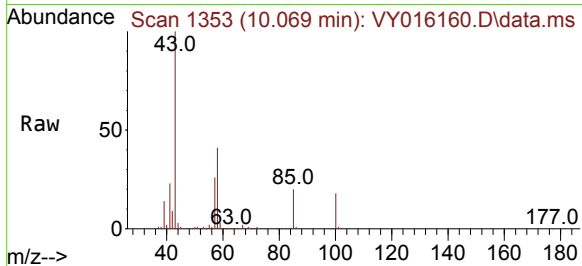




#51
4-Methyl-2-Pentanone
Concen: 99.607 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.012 min
Lab File: VY016160.D
Acq: 01 Nov 2023 10:56

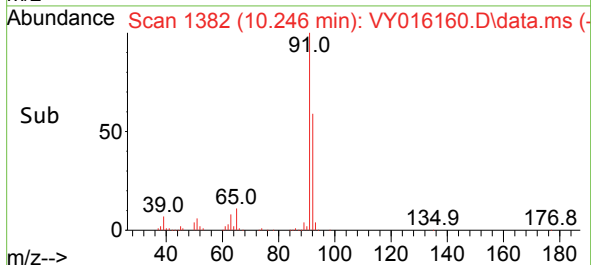
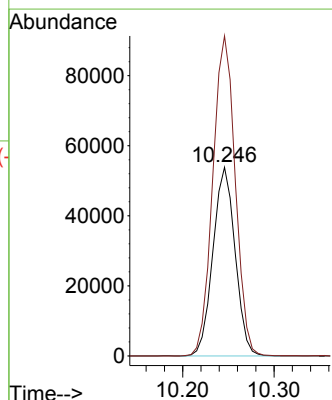
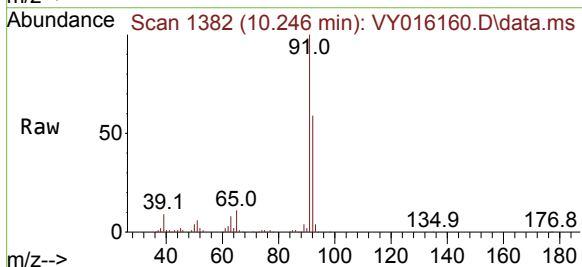
Instrument :
MSVOA_Y
ClientSampleId :

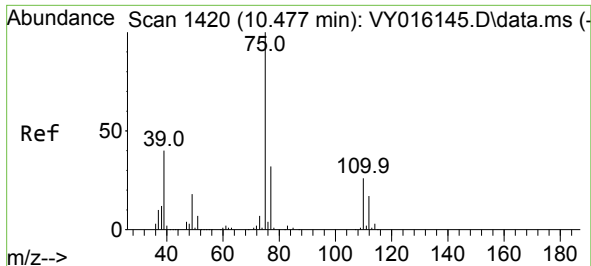
Tgt Ion: 43 Resp: 105229
Ion Ratio Lower Upper
43 100
58 40.2 29.0 43.6



#52
Toluene
Concen: 20.280 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.006 min
Lab File: VY016160.D
Acq: 01 Nov 2023 10:56

Tgt Ion: 92 Resp: 90666
Ion Ratio Lower Upper
92 100
91 172.1 143.8 215.6

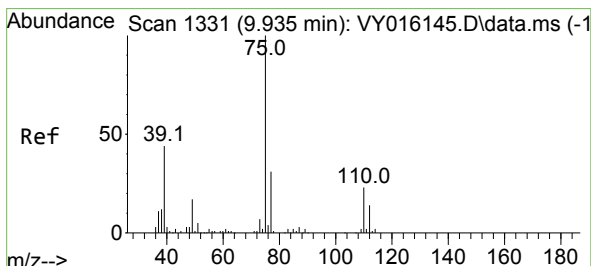
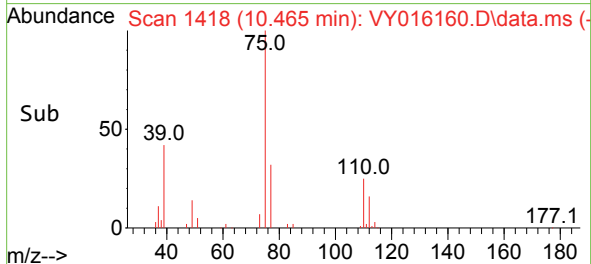
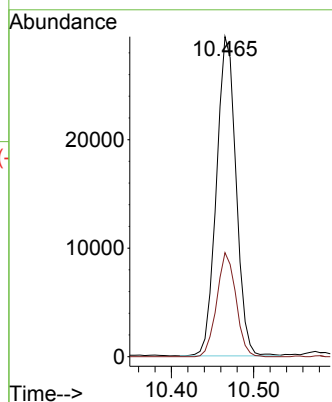
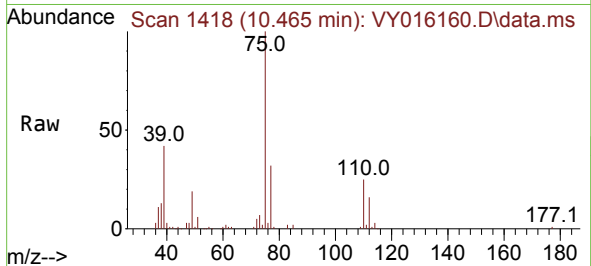




#53
 t-1,3-Dichloropropene
 Concen: 20.404 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. -0.012 min
 Lab File: VY016160.D
 Acq: 01 Nov 2023 10:56

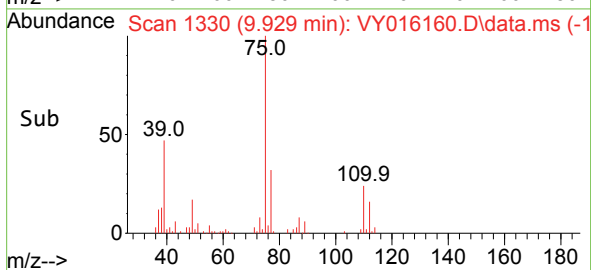
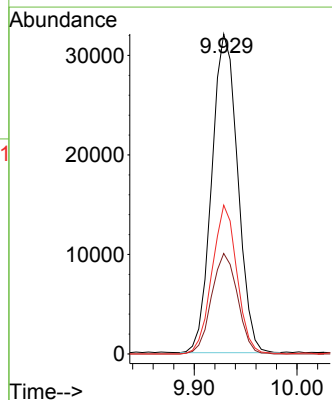
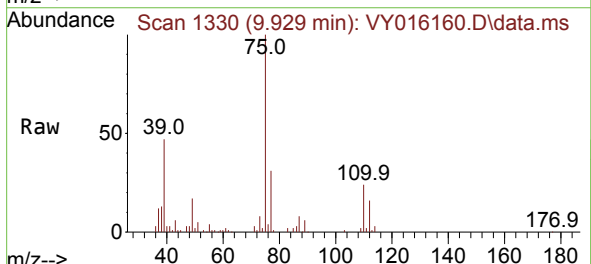
Instrument :
 MSVOA_Y
 ClientSampleId :

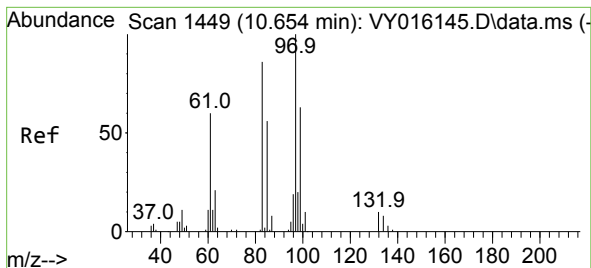
Tgt Ion: 75 Resp: 48726
 Ion Ratio Lower Upper
 75 100
 77 32.6 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 20.032 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. -0.006 min
 Lab File: VY016160.D
 Acq: 01 Nov 2023 10:56

Tgt Ion: 75 Resp: 56132
 Ion Ratio Lower Upper
 75 100
 77 31.5 24.2 36.4
 39 46.7 42.2 63.4





#55

1,1,2-Trichloroethane

Concen: 20.354 ug/l

RT: 10.648 min Scan# 1448

Delta R.T. -0.006 min

Lab File: VY016160.D

Acq: 01 Nov 2023 10:56

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 26956

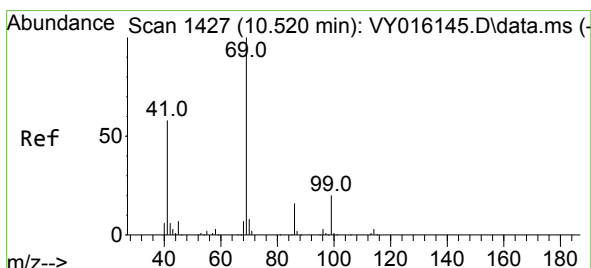
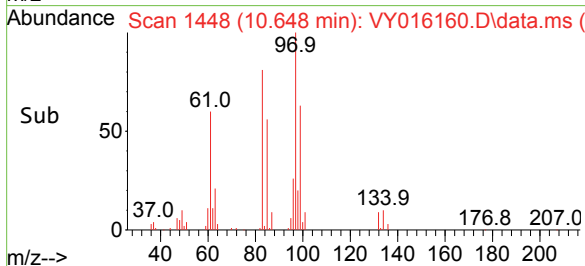
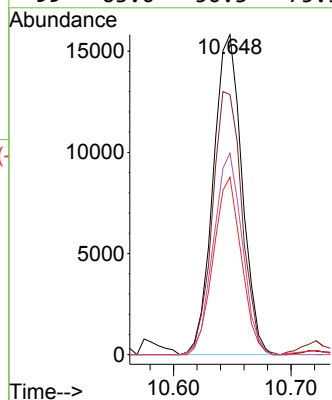
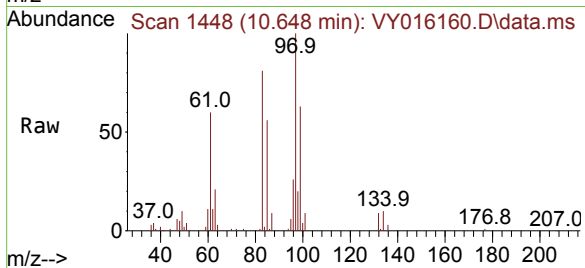
Ion Ratio Lower Upper

97 100

83 81.3 72.0 108.0

85 55.5 45.4 68.0

99 63.0 50.3 75.5



#56

Ethyl methacrylate

Concen: 19.370 ug/l

RT: 10.514 min Scan# 1426

Delta R.T. -0.006 min

Lab File: VY016160.D

Acq: 01 Nov 2023 10:56

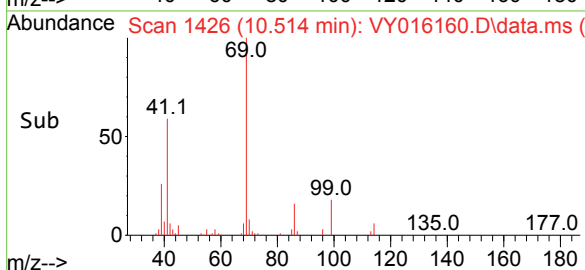
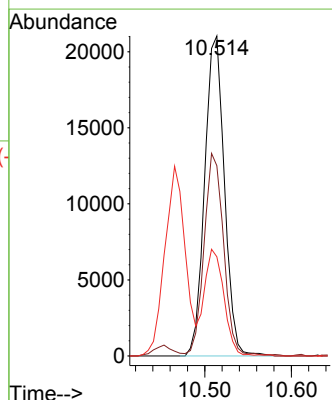
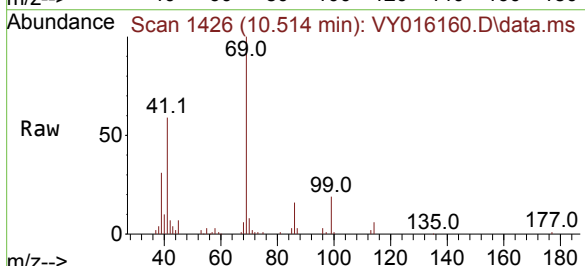
Tgt Ion: 69 Resp: 33316

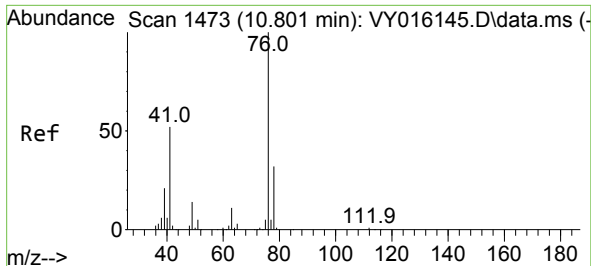
Ion Ratio Lower Upper

69 100

41 62.0 57.6 86.4

39 33.4 34.1 51.1#





#57

1,3-Dichloropropane

Concen: 19.982 ug/l

RT: 10.794 min Scan# 1472

Delta R.T. -0.006 min

Lab File: VY016160.D

Acq: 01 Nov 2023 10:56

Instrument :

MSVOA_Y

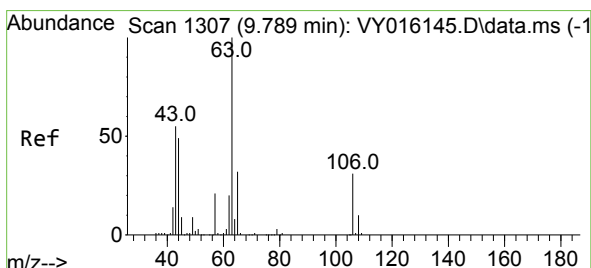
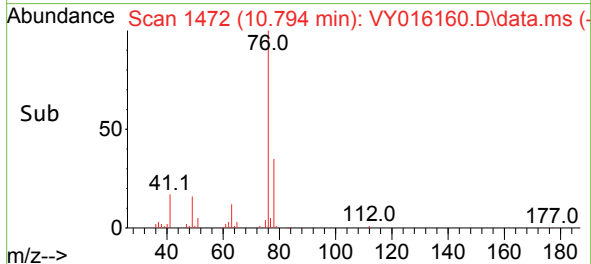
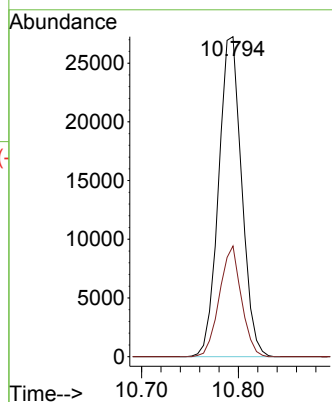
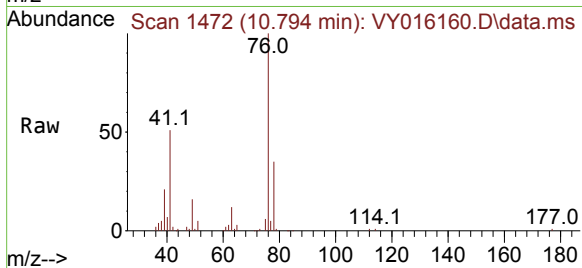
ClientSampleId :

Tgt Ion: 76 Resp: 45052

Ion Ratio Lower Upper

76 100

78 32.9 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 102.185 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. -0.006 min

Lab File: VY016160.D

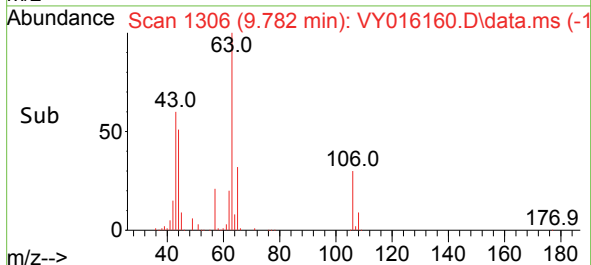
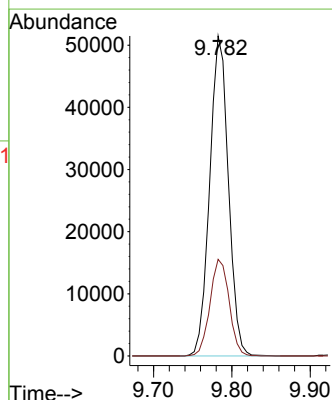
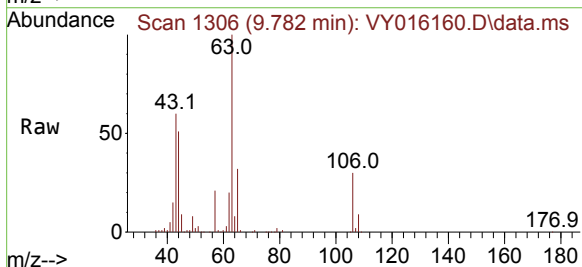
Acq: 01 Nov 2023 10:56

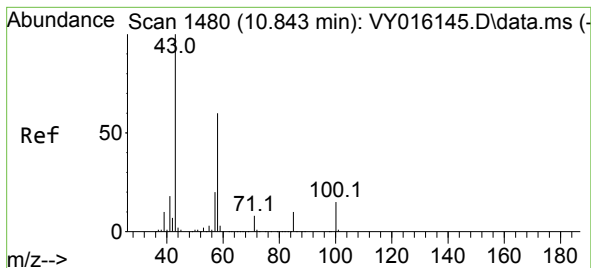
Tgt Ion: 63 Resp: 85224

Ion Ratio Lower Upper

63 100

106 30.9 21.2 31.8

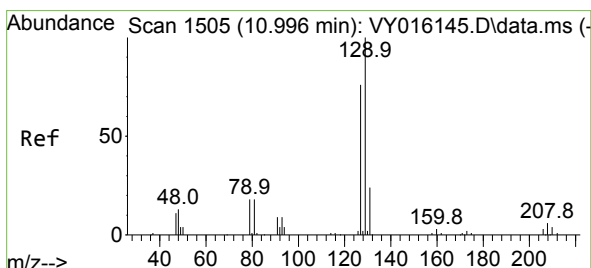
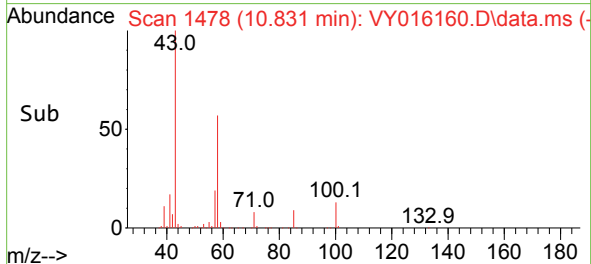
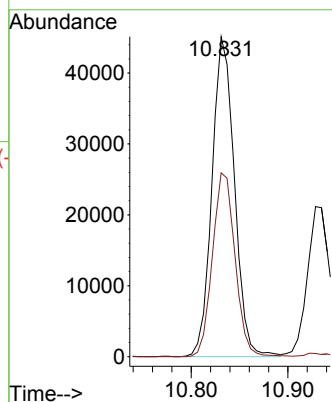
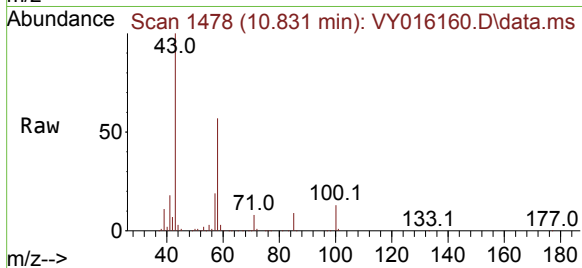




#59
2-Hexanone
Concen: 100.212 ug/l
RT: 10.831 min Scan# 1480
Delta R.T. -0.012 min
Lab File: VY016160.D
Acq: 01 Nov 2023 10:56

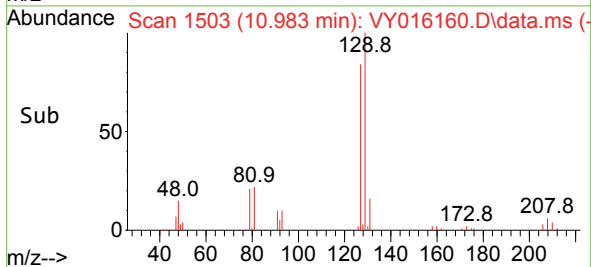
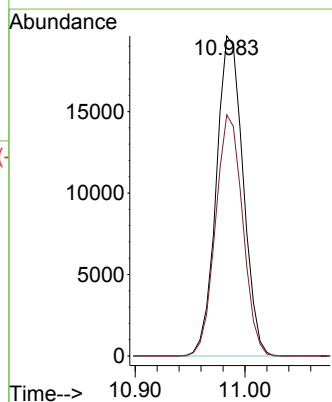
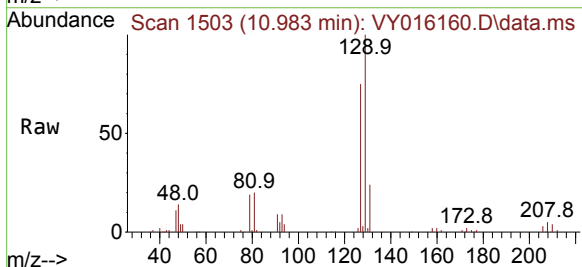
Instrument :
MSVOA_Y
ClientSampleId :

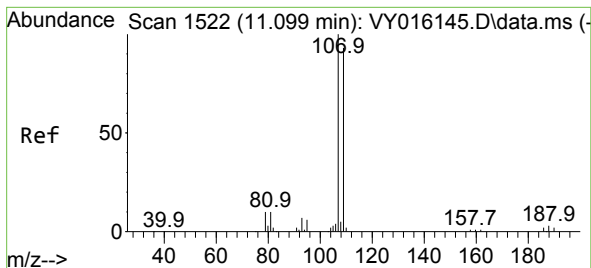
Tgt Ion: 43 Resp: 72547
Ion Ratio Lower Upper
43 100
58 57.9 25.1 75.3



#60
Dibromochloromethane
Concen: 20.074 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.012 min
Lab File: VY016160.D
Acq: 01 Nov 2023 10:56

Tgt Ion: 129 Resp: 33353
Ion Ratio Lower Upper
129 100
127 76.3 38.5 115.5





#61

1,2-Dibromoethane

Concen: 20.150 ug/l

RT: 11.093 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY016160.D

Acq: 01 Nov 2023 10:56

Instrument :

MSVOA_Y

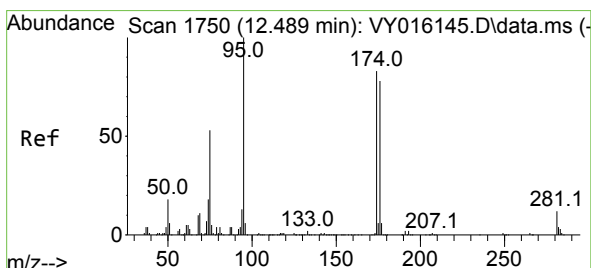
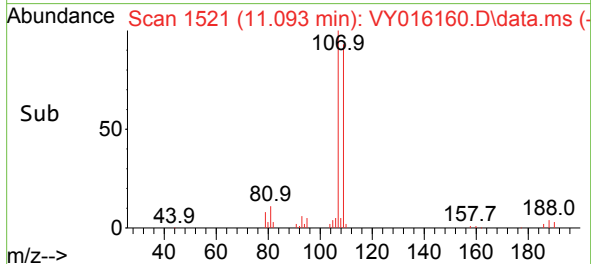
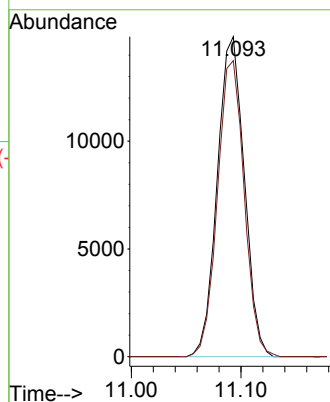
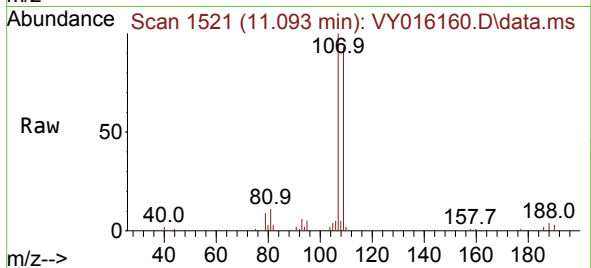
ClientSampleId :

Tgt Ion:107 Resp: 25383

Ion Ratio Lower Upper

107 100

109 91.6 75.6 113.4



#62

4-Bromofluorobenzene

Concen: 48.499 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.006 min

Lab File: VY016160.D

Acq: 01 Nov 2023 10:56

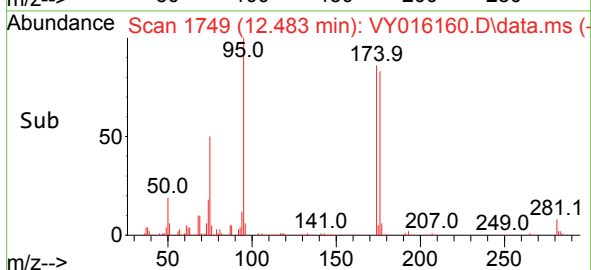
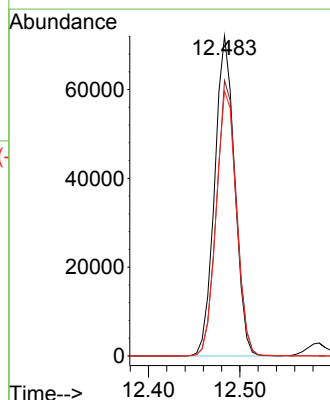
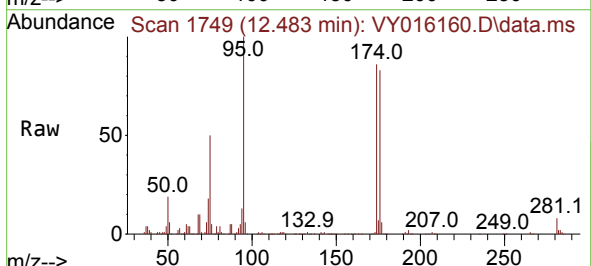
Tgt Ion: 95 Resp: 109430

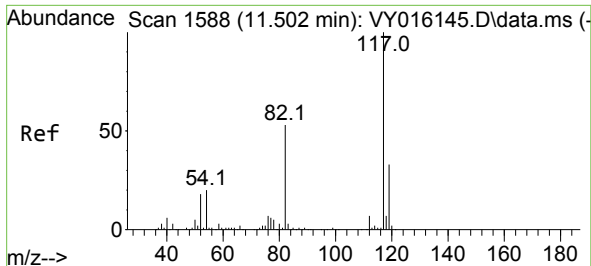
Ion Ratio Lower Upper

95 100

174 86.1 0.0 178.2

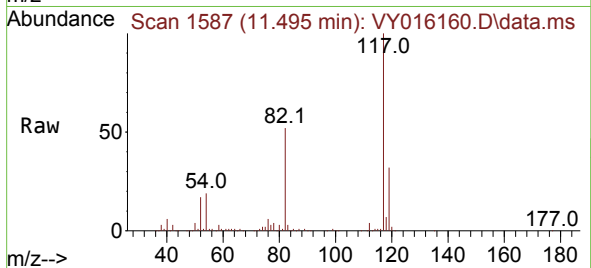
176 83.9 0.0 173.8



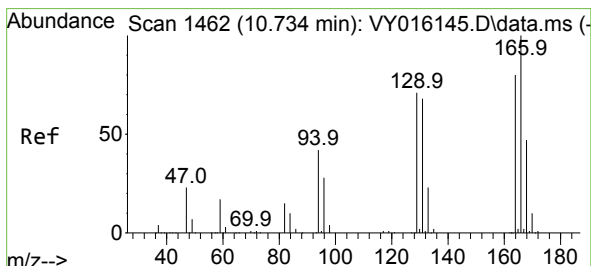
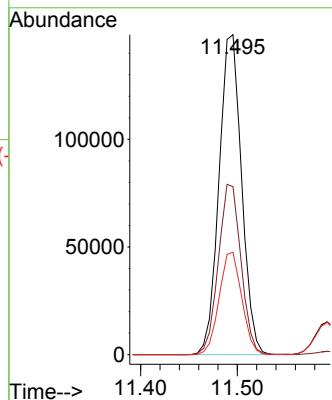
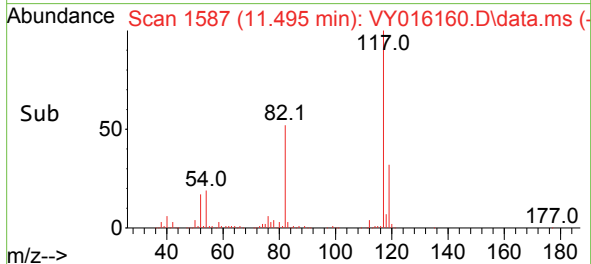


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016160.D
Acq: 01 Nov 2023 10:56

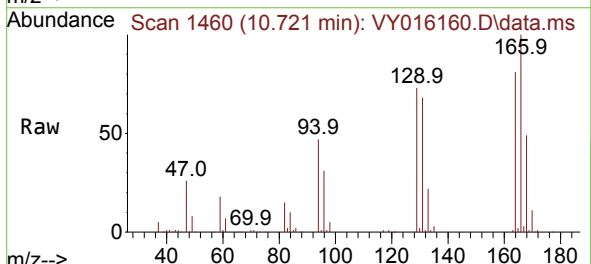
Instrument :
MSVOA_Y
ClientSampleId :



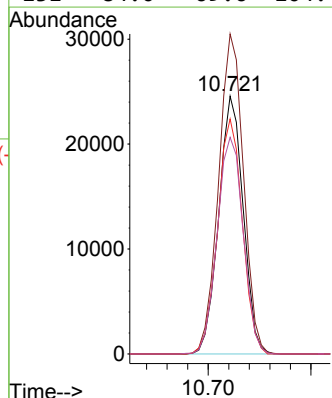
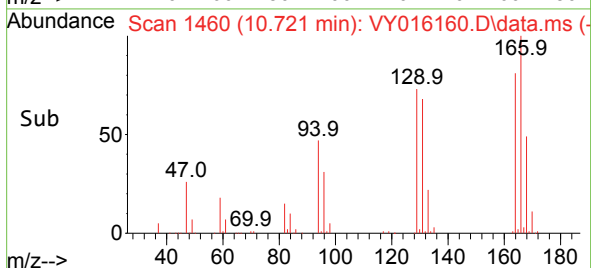
Tgt Ion:117 Resp: 240753
Ion Ratio Lower Upper
117 100
82 52.5 43.4 65.0
119 32.0 26.3 39.5

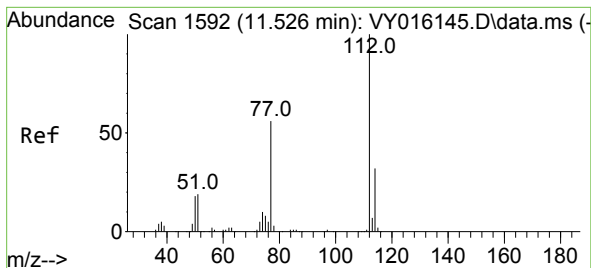


#64
Tetrachloroethene
Concen: 18.903 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. -0.012 min
Lab File: VY016160.D
Acq: 01 Nov 2023 10:56



Tgt Ion:164 Resp: 40480
Ion Ratio Lower Upper
164 100
166 124.1 103.0 154.6
129 91.2 77.2 115.8
131 84.0 69.6 104.4





#65

Chlorobenzene

Concen: 20.345 ug/l

RT: 11.520 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY016160.D

Acq: 01 Nov 2023 10:56

Instrument :

MSVOA_Y

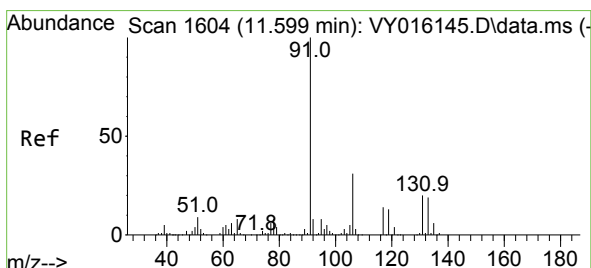
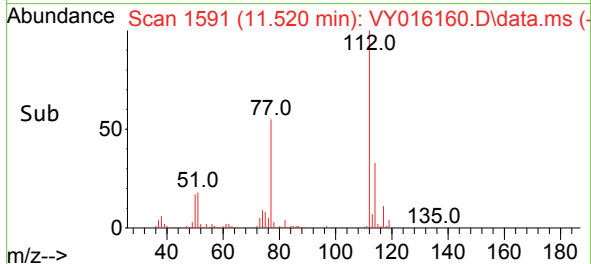
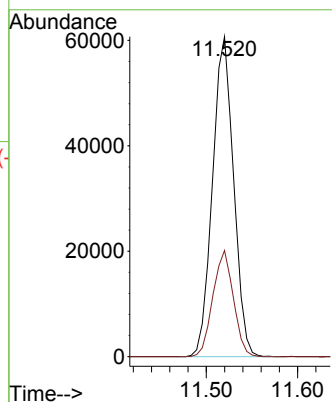
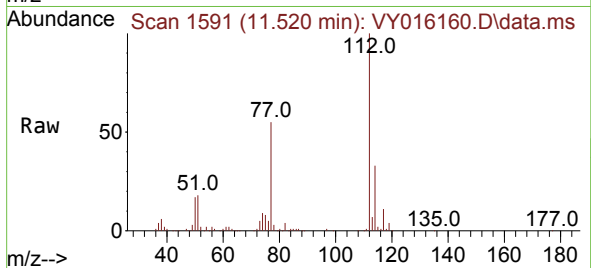
ClientSampleId :

Tgt Ion:112 Resp: 97313

Ion Ratio Lower Upper

112 100

114 33.2 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 20.699 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. -0.006 min

Lab File: VY016160.D

Acq: 01 Nov 2023 10:56

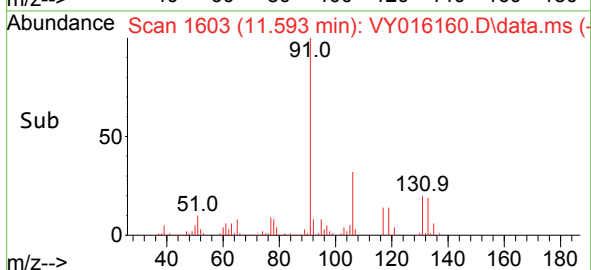
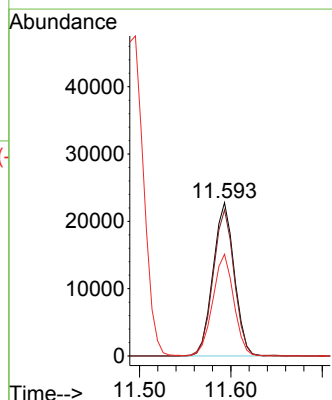
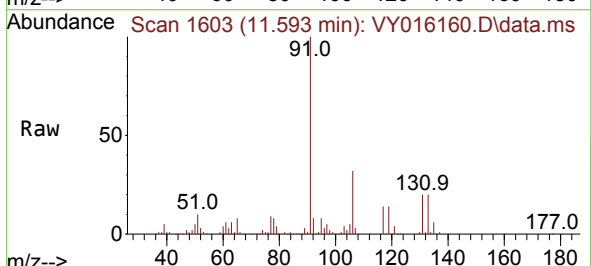
Tgt Ion:131 Resp: 36671

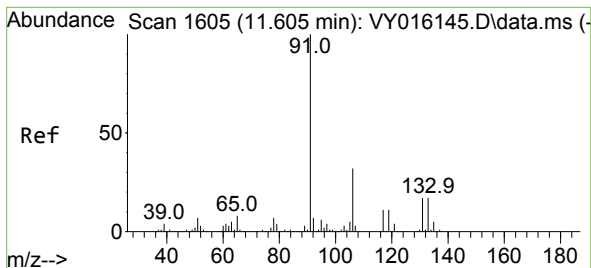
Ion Ratio Lower Upper

131 100

133 95.2 47.5 142.6

119 65.8 31.6 94.7





#67

Ethyl Benzene

Concen: 20.320 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. -0.012 min

Lab File: VY016160.D

Acq: 01 Nov 2023 10:56

Instrument :

MSVOA_Y

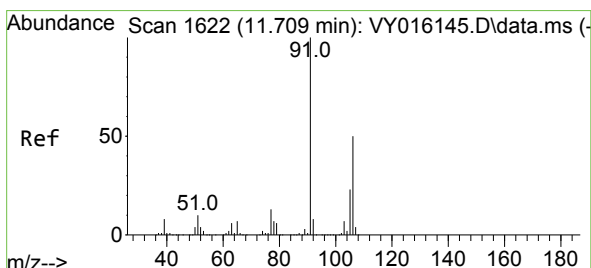
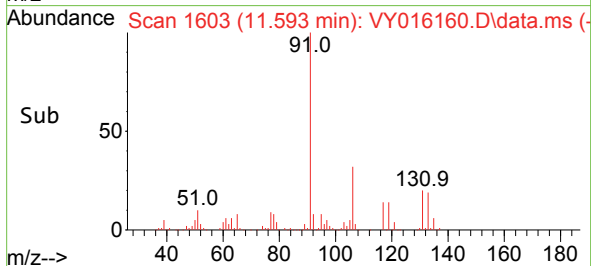
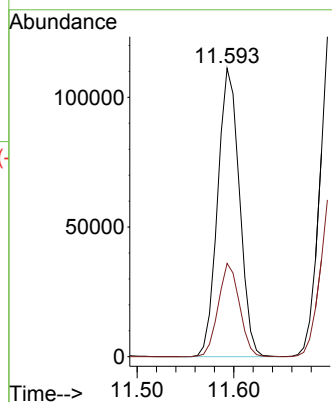
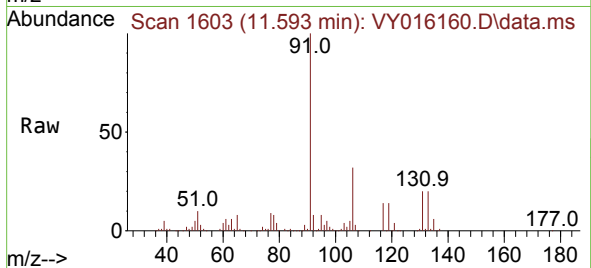
ClientSampleId :

Tgt Ion: 91 Resp: 173843

Ion Ratio Lower Upper

91 100

106 32.3 24.6 36.8



#68

m/p-Xylenes

Concen: 40.465 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.006 min

Lab File: VY016160.D

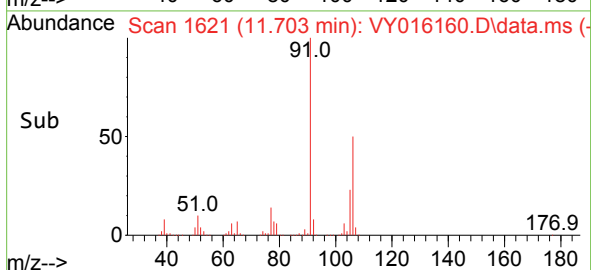
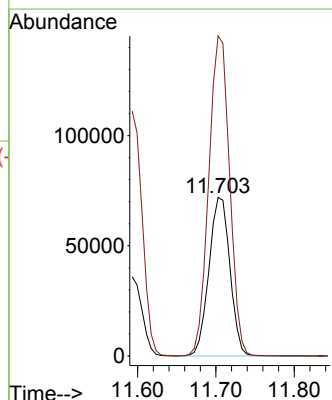
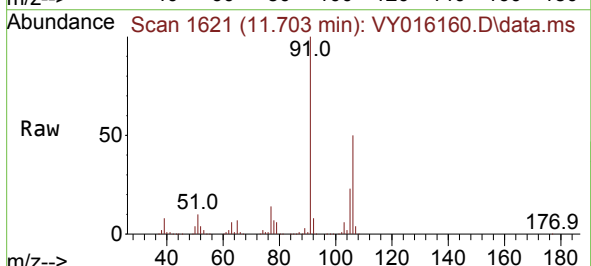
Acq: 01 Nov 2023 10:56

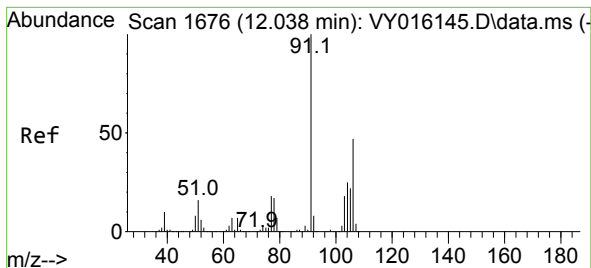
Tgt Ion:106 Resp: 133775

Ion Ratio Lower Upper

106 100

91 200.6 166.1 249.1





#69

o-Xylene

Concen: 20.203 ug/l

RT: 12.032 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY016160.D

Acq: 01 Nov 2023 10:56

Instrument :

MSVOA_Y

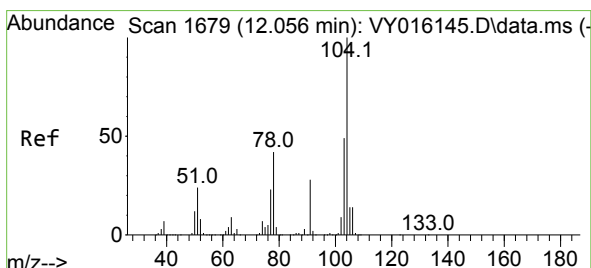
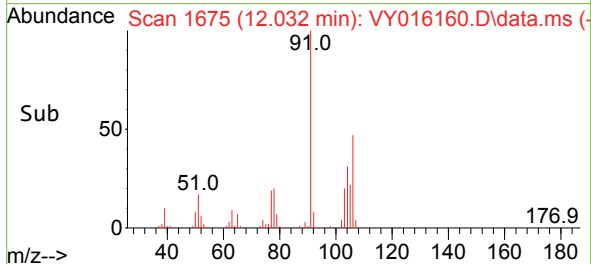
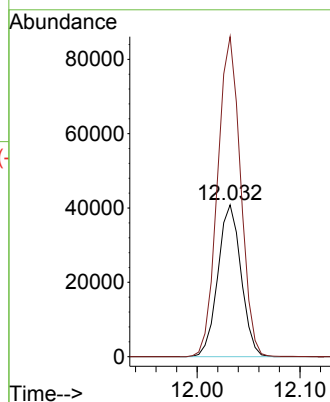
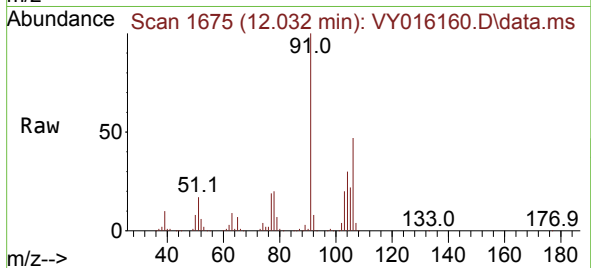
ClientSampleId :

Tgt Ion:106 Resp: 63768

Ion Ratio Lower Upper

106 100

91 209.9 108.1 324.3



#70

Styrene

Concen: 20.115 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. -0.012 min

Lab File: VY016160.D

Acq: 01 Nov 2023 10:56

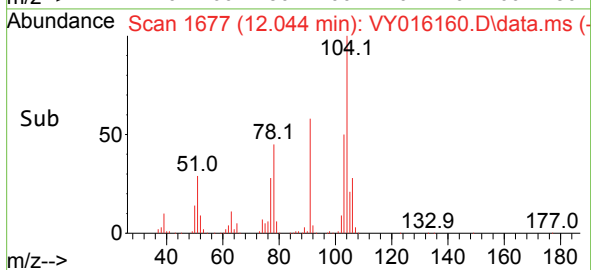
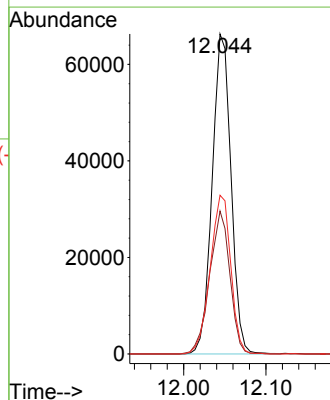
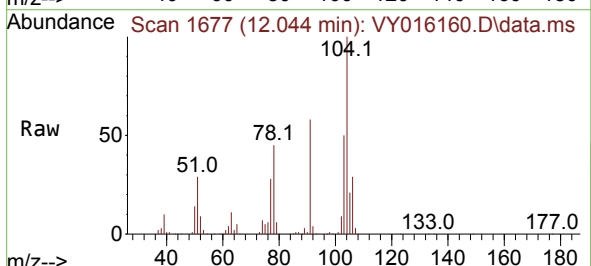
Tgt Ion:104 Resp: 105550

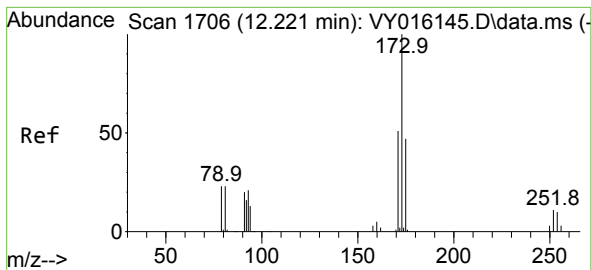
Ion Ratio Lower Upper

104 100

78 48.0 41.5 62.3

103 54.2 44.6 67.0





#71

Bromoform

Concen: 19.955 ug/l

RT: 12.209 min Scan# 1

Delta R.T. -0.012 min

Lab File: VY016160.D

Acq: 01 Nov 2023 10:56

Instrument :

MSVOA_Y

ClientSampleId :

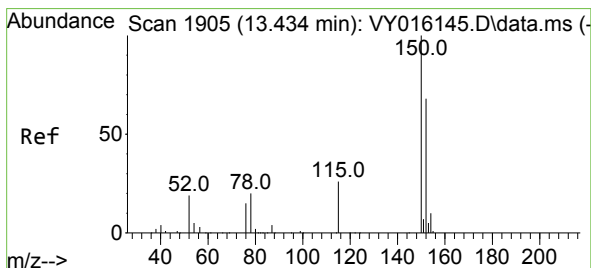
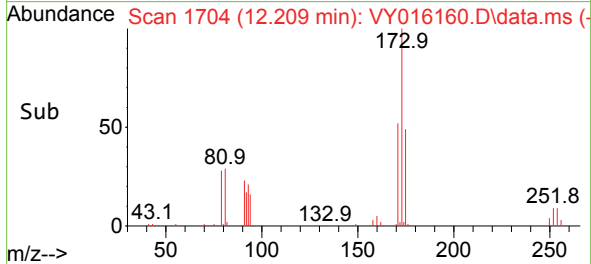
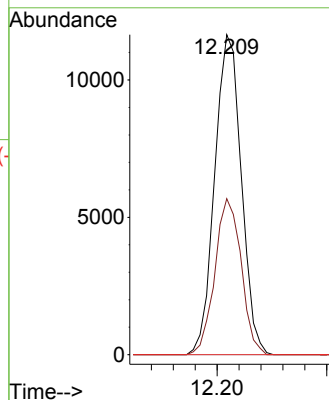
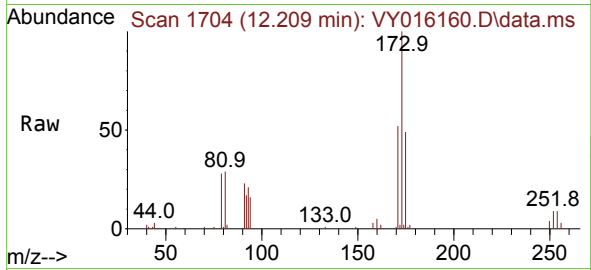
Tgt Ion:173 Resp: 19613

Ion Ratio Lower Upper

173 100

175 48.2 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. -0.006 min

Lab File: VY016160.D

Acq: 01 Nov 2023 10:56

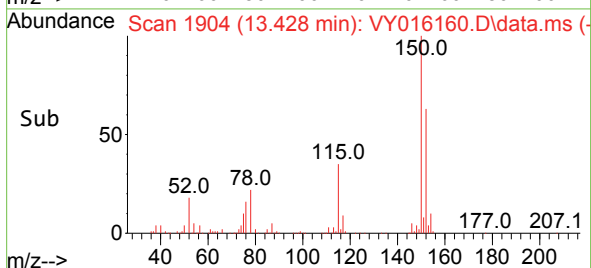
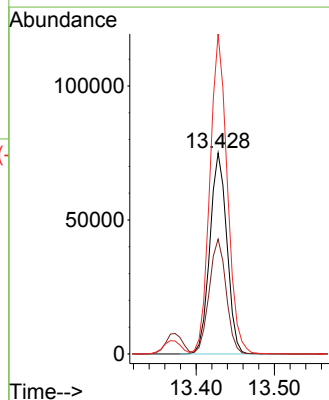
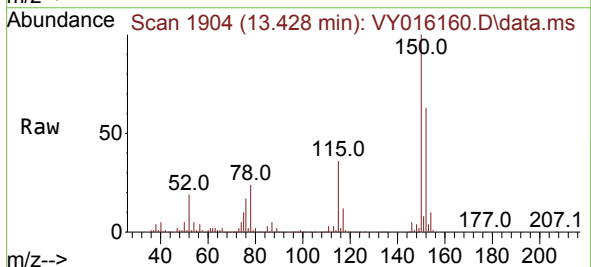
Tgt Ion:152 Resp: 112921

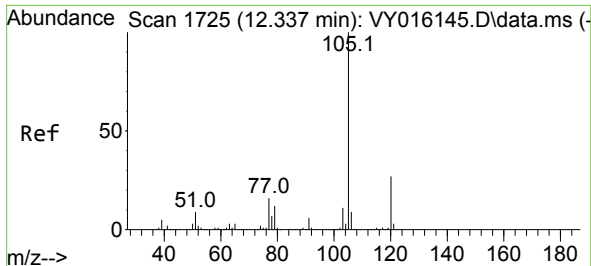
Ion Ratio Lower Upper

152 100

115 57.0 28.8 86.5

150 162.7 0.0 348.8

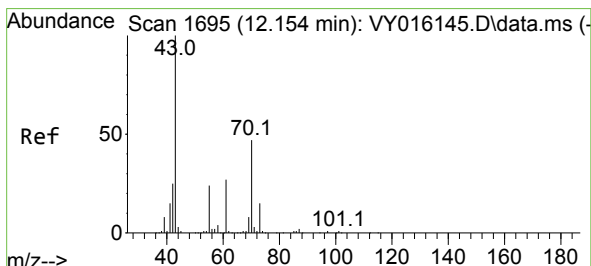
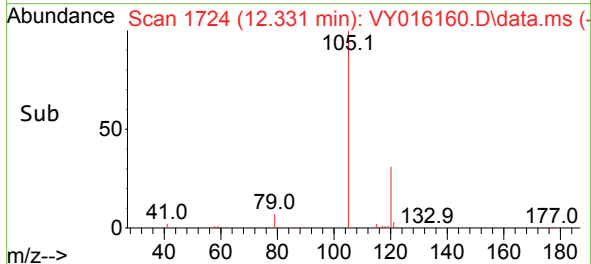
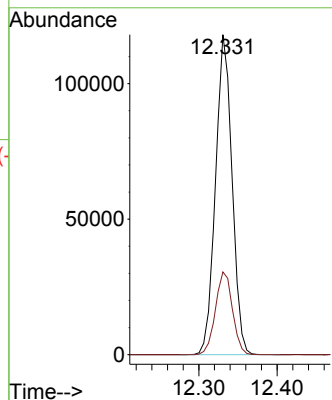
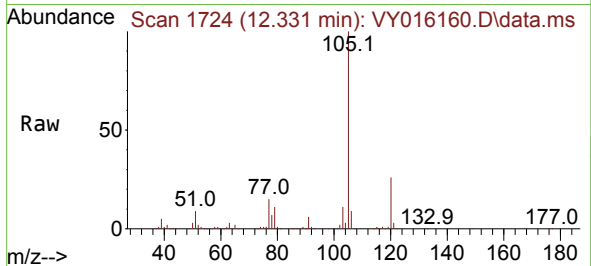




#73
Isopropylbenzene
Concen: 20.440 ug/l
RT: 12.331 min Scan# 1725
Delta R.T. -0.006 min
Lab File: VY016160.D
Acq: 01 Nov 2023 10:56

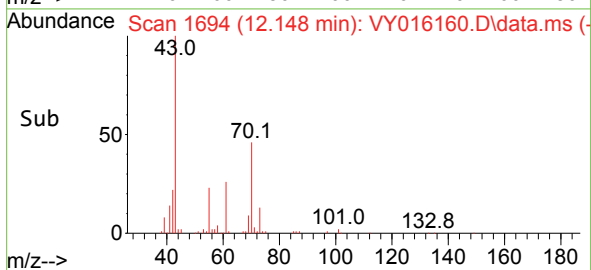
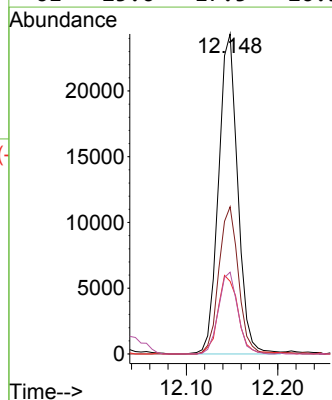
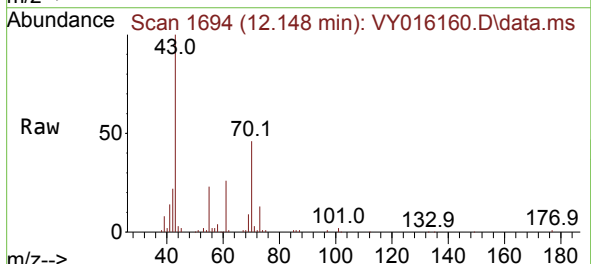
Instrument :
MSVOA_Y
ClientSampleId :

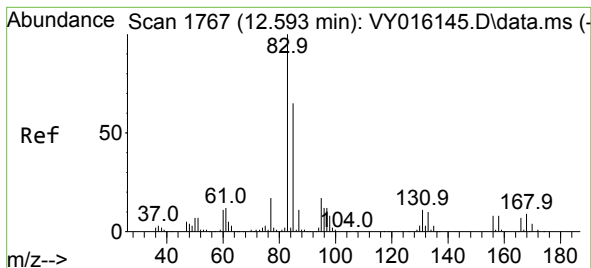
Tgt Ion:105 Resp: 173139
Ion Ratio Lower Upper
105 100
120 26.7 13.3 39.9



#74
N-ethyl acetate
Concen: 19.317 ug/l
RT: 12.148 min Scan# 1694
Delta R.T. -0.006 min
Lab File: VY016160.D
Acq: 01 Nov 2023 10:56

Tgt Ion: 43 Resp: 35557
Ion Ratio Lower Upper
43 100
70 46.7 29.7 44.5#
55 26.0 18.3 27.5
61 25.6 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 20.168 ug/l

RT: 12.587 min Scan# 1766

Delta R.T. -0.006 min

Lab File: VY016160.D

Acq: 01 Nov 2023 10:56

Instrument :

MSVOA_Y

ClientSampleId :

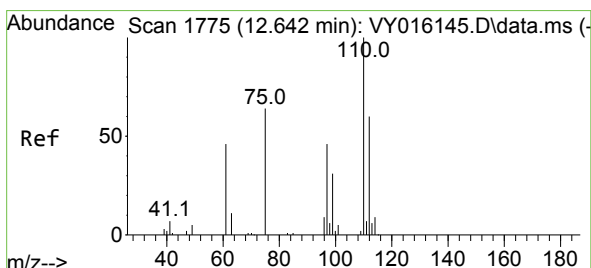
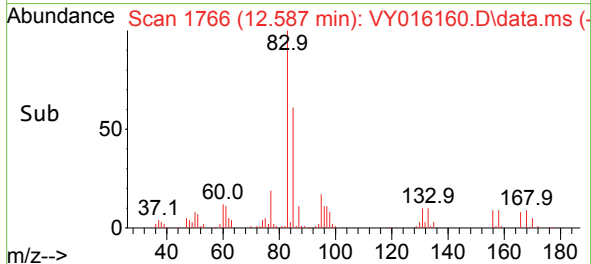
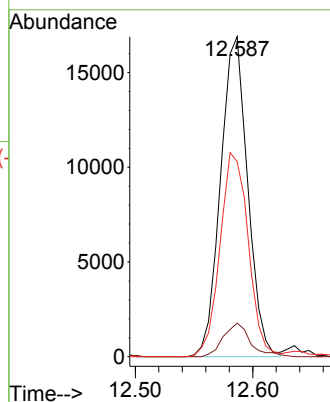
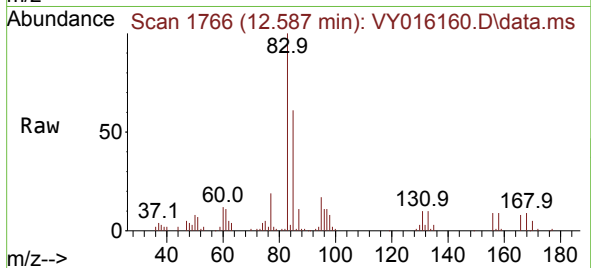
Tgt Ion: 83 Resp: 27184

Ion Ratio Lower Upper

83 100

131 10.4 5.4 16.2

85 66.3 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 34.628 ug/l

RT: 12.636 min Scan# 1774

Delta R.T. -0.006 min

Lab File: VY016160.D

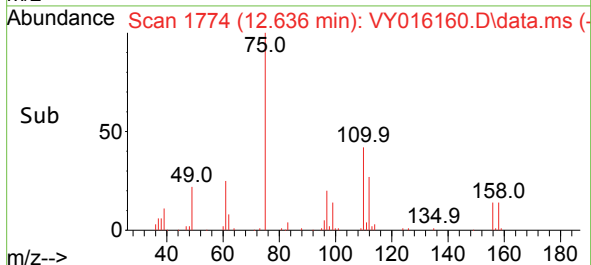
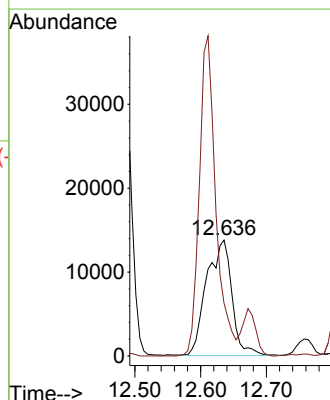
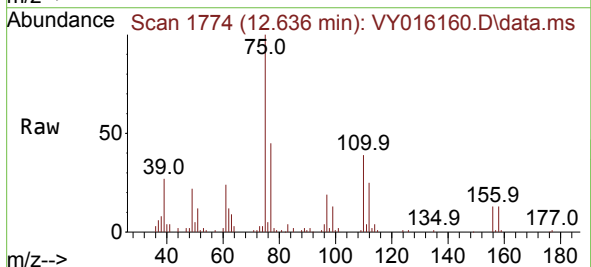
Acq: 01 Nov 2023 10:56

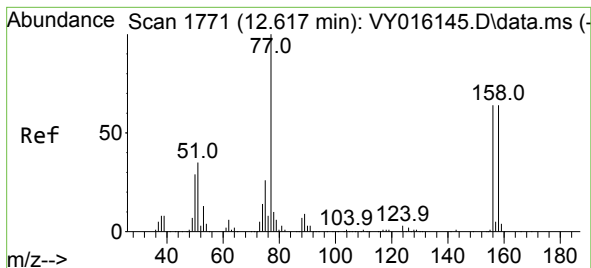
Tgt Ion: 75 Resp: 36823

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.265 ug/l

RT: 12.611 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY016160.D

Acq: 01 Nov 2023 10:56

Instrument :

MSVOA_Y

ClientSampleId :

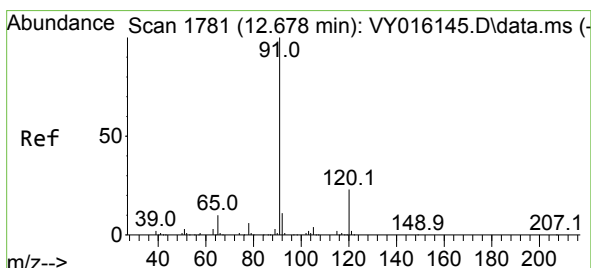
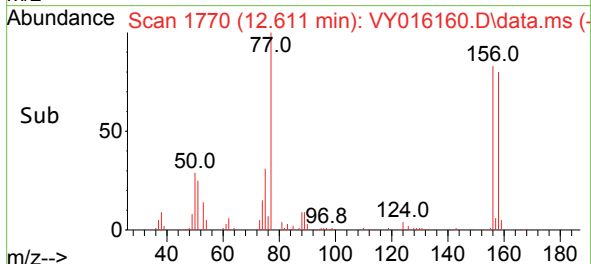
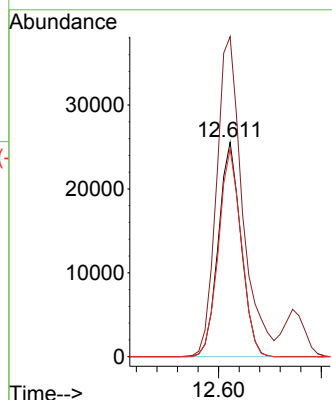
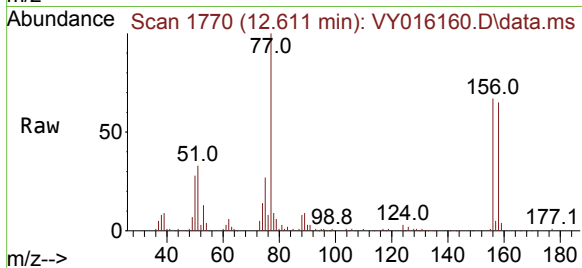
Tgt Ion:156 Resp: 38868

Ion Ratio Lower Upper

156 100

77 171.7 92.8 278.6

158 97.5 48.4 145.3



#78

n-propylbenzene

Concen: 20.642 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. -0.006 min

Lab File: VY016160.D

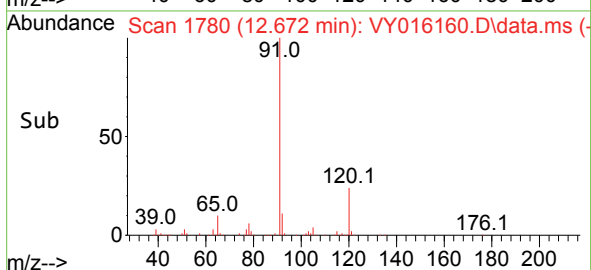
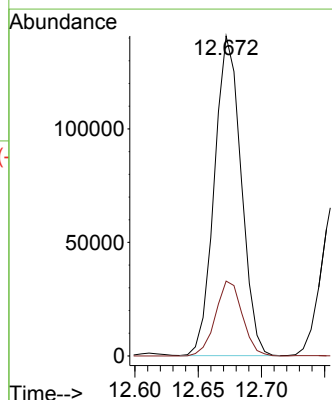
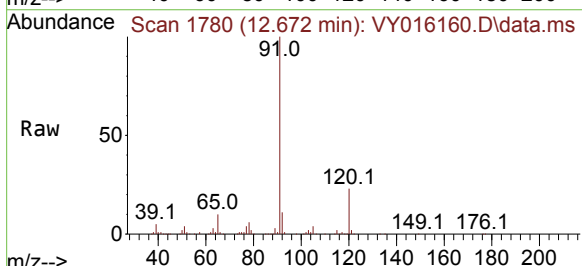
Acq: 01 Nov 2023 10:56

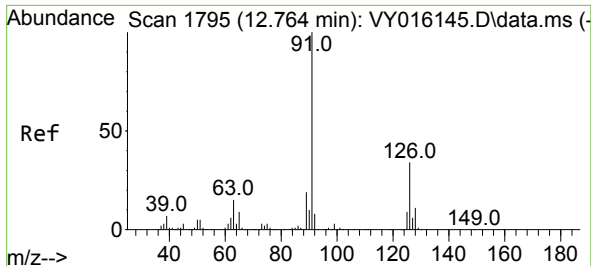
Tgt Ion: 91 Resp: 206717

Ion Ratio Lower Upper

91 100

120 23.5 11.5 34.4





#79

2-Chlorotoluene

Concen: 20.164 ug/l

RT: 12.757 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY016160.D

Acq: 01 Nov 2023 10:56

Instrument :

MSVOA_Y

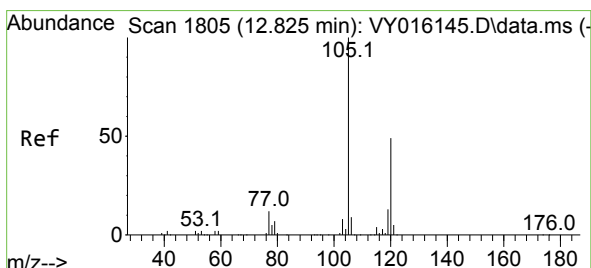
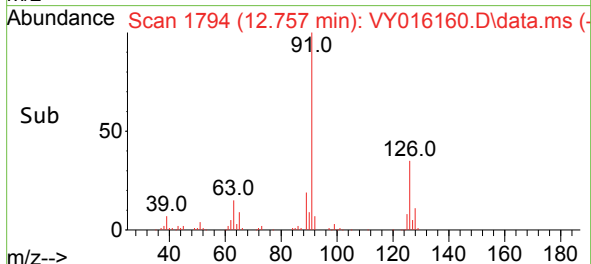
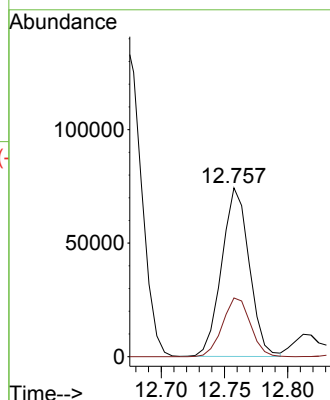
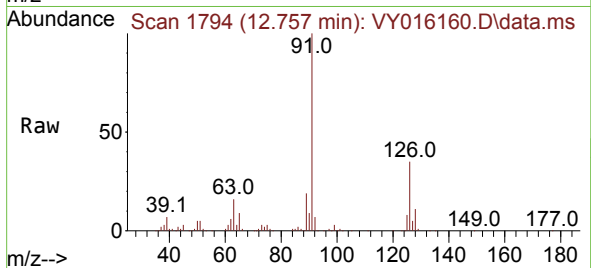
ClientSampleId :

Tgt Ion: 91 Resp: 112627

Ion Ratio Lower Upper

91 100

126 35.2 17.3 51.7



#80

1,3,5-Trimethylbenzene

Concen: 20.306 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. -0.012 min

Lab File: VY016160.D

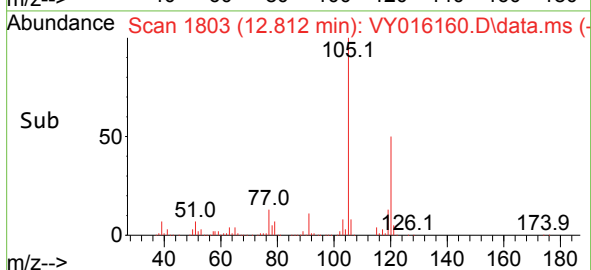
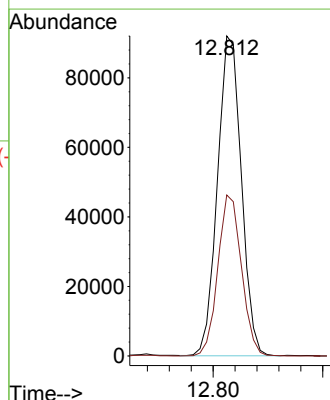
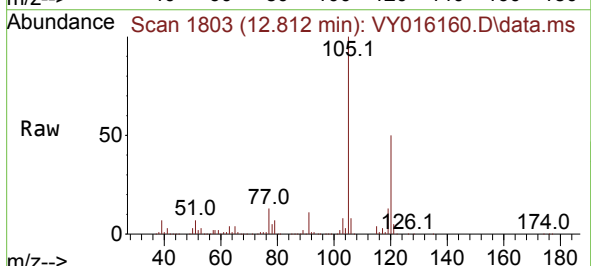
Acq: 01 Nov 2023 10:56

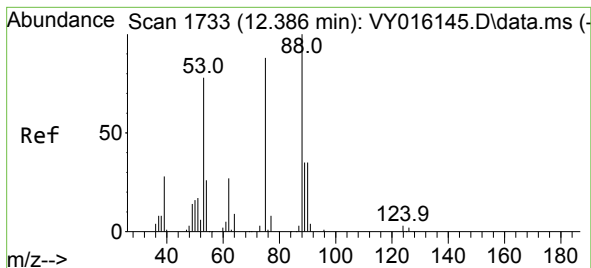
Tgt Ion: 105 Resp: 139347

Ion Ratio Lower Upper

105 100

120 49.7 23.9 71.7

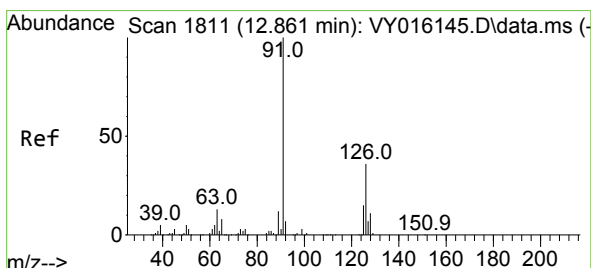
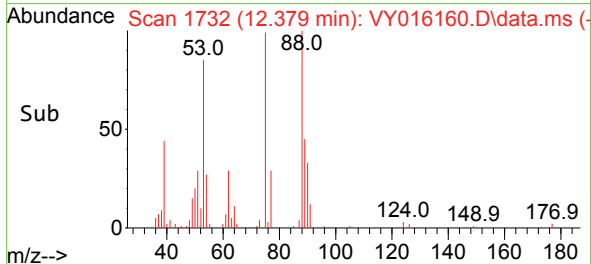
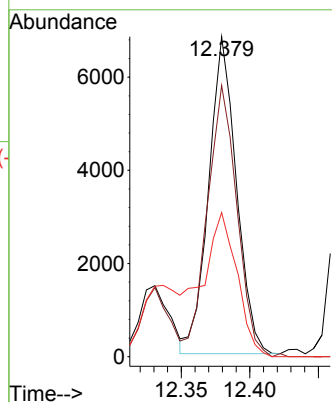
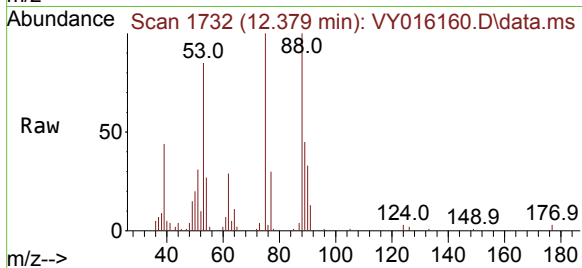




#81
trans-1,4-Dichloro-2-butene
Concen: 19.491 ug/l
RT: 12.379 min Scan# 1732
Delta R.T. -0.006 min
Lab File: VY016160.D
Acq: 01 Nov 2023 10:56

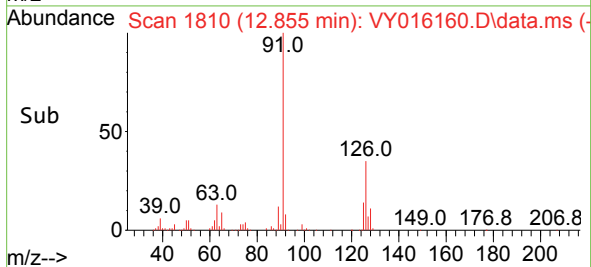
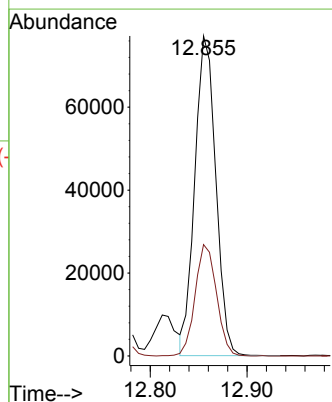
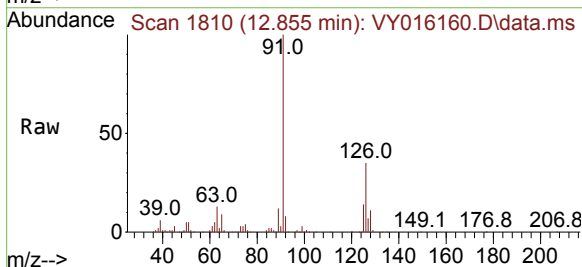
Instrument :
MSVOA_Y
ClientSampleId :

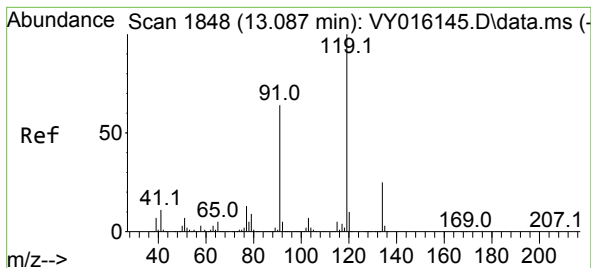
Tgt Ion: 75 Resp: 9559
Ion Ratio Lower Upper
75 100
53 91.6 77.8 116.8
89 52.8 37.4 56.0



#82
4-Chlorotoluene
Concen: 20.292 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.006 min
Lab File: VY016160.D
Acq: 01 Nov 2023 10:56

Tgt Ion: 91 Resp: 116385
Ion Ratio Lower Upper
91 100
126 35.5 17.2 51.6





#83

tert-Butylbenzene

Concen: 20.871 ug/l

RT: 13.074 min Scan# 1846

Delta R.T. -0.012 min

Lab File: VY016160.D

Acq: 01 Nov 2023 10:56

Instrument :

MSVOA_Y

ClientSampleId :

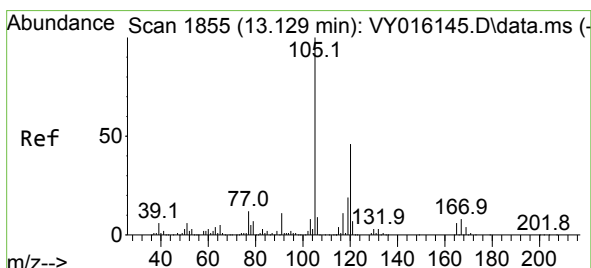
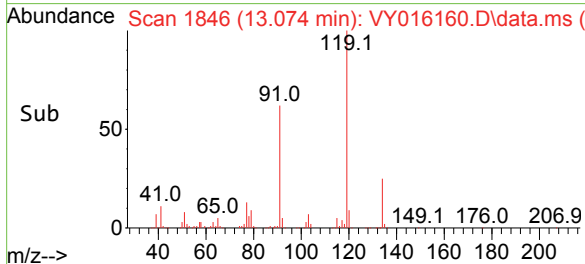
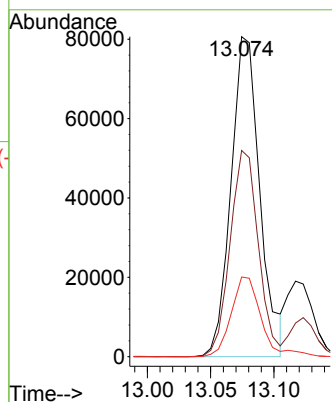
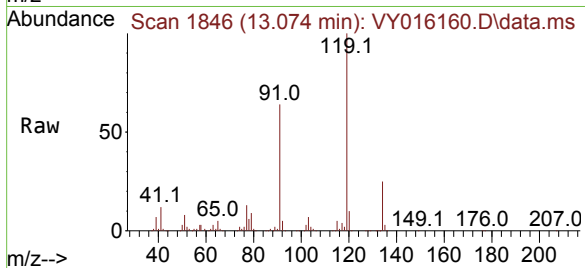
Tgt Ion:119 Resp: 128152

Ion Ratio Lower Upper

119 100

91 63.2 32.9 98.6

134 25.9 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 20.208 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. -0.006 min

Lab File: VY016160.D

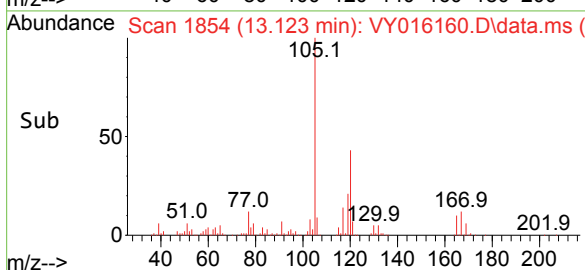
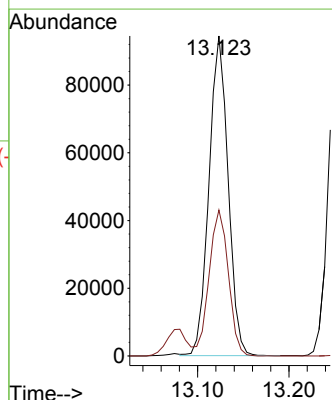
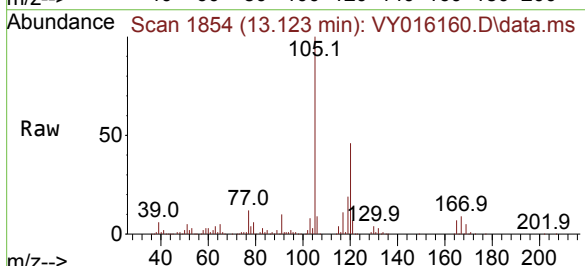
Acq: 01 Nov 2023 10:56

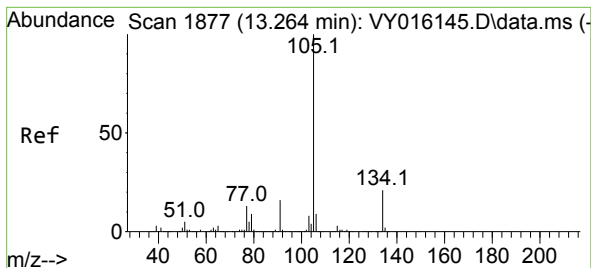
Tgt Ion:105 Resp: 137220

Ion Ratio Lower Upper

105 100

120 46.2 22.2 66.6





#85

sec-Butylbenzene

Concen: 20.714 ug/l

RT: 13.257 min Scan# 1876

Delta R.T. -0.006 min

Lab File: VY016160.D

Acq: 01 Nov 2023 10:56

Instrument :

MSVOA_Y

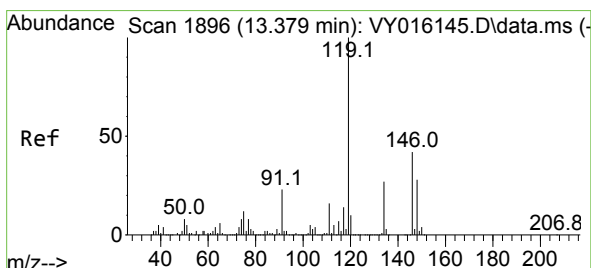
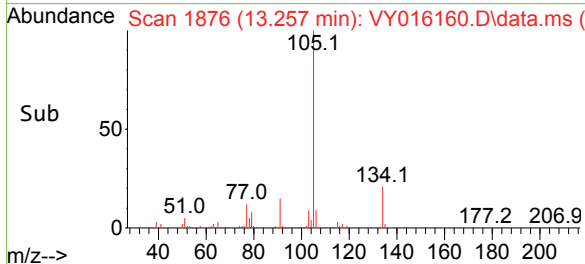
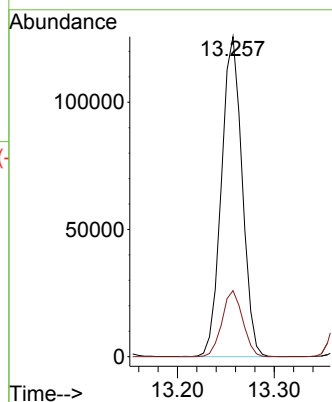
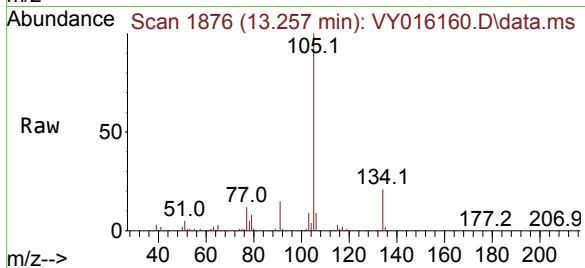
ClientSampleId :

Tgt Ion:105 Resp: 186680

Ion Ratio Lower Upper

105 100

134 20.7 10.2 30.6



#86

p-Isopropyltoluene

Concen: 20.726 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. -0.006 min

Lab File: VY016160.D

Acq: 01 Nov 2023 10:56

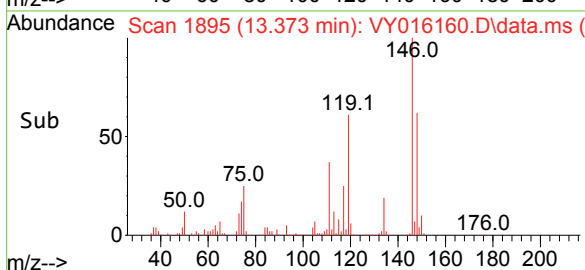
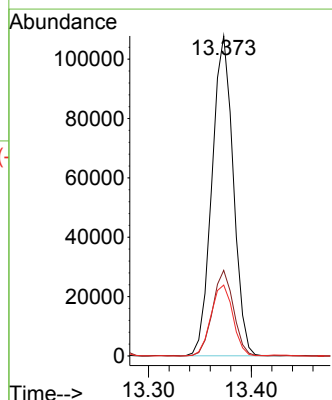
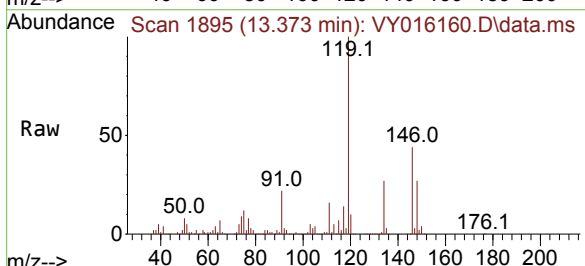
Tgt Ion:119 Resp: 154806

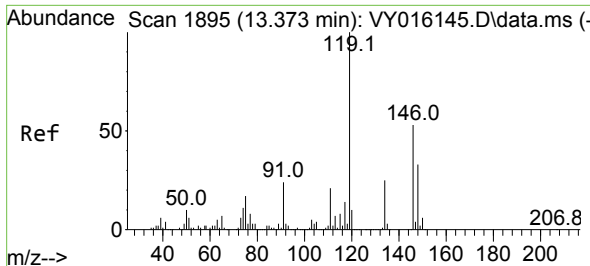
Ion Ratio Lower Upper

119 100

134 26.4 13.3 39.8

91 22.9 12.4 37.4

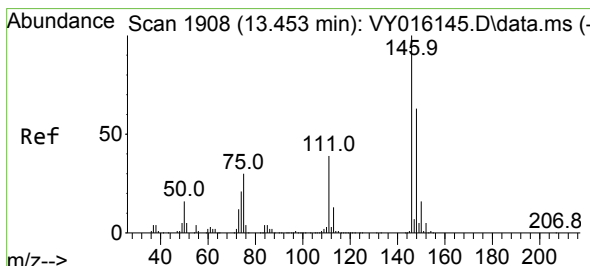
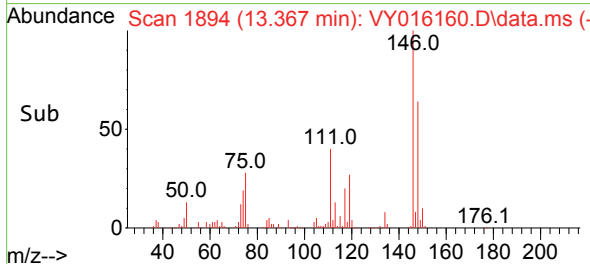
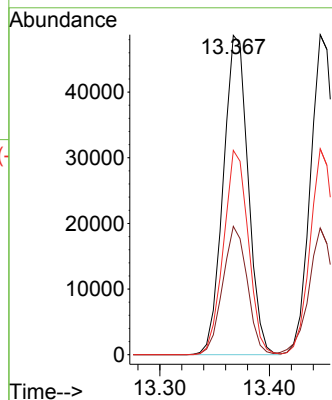
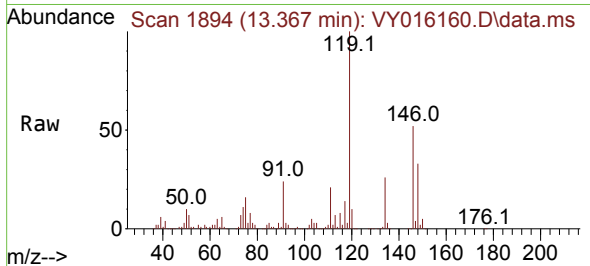




#87
1,3-Dichlorobenzene
Concen: 20.207 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. -0.006 min
Lab File: VY016160.D
Acq: 01 Nov 2023 10:56

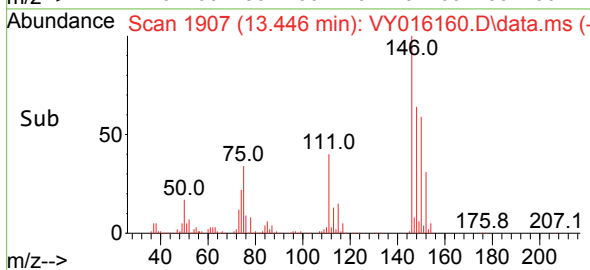
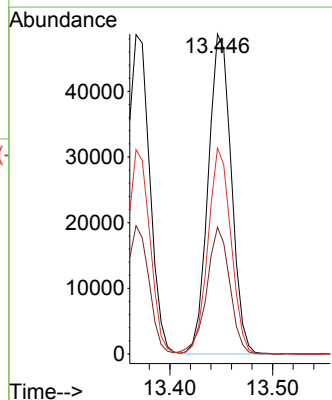
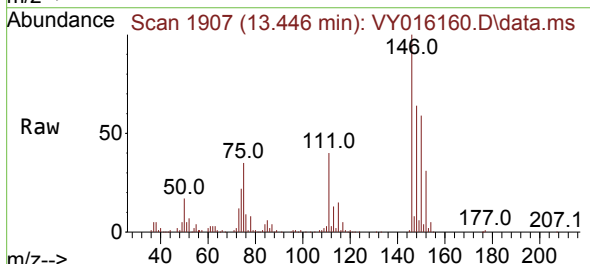
Instrument :
MSVOA_Y
ClientSampleId :

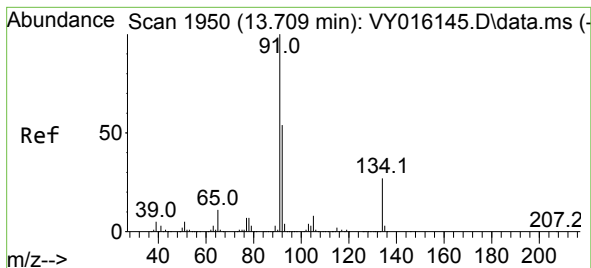
Tgt Ion:146 Resp: 76652
Ion Ratio Lower Upper
146 100
111 39.7 19.4 58.2
148 63.6 31.9 95.5



#88
1,4-Dichlorobenzene
Concen: 20.304 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VY016160.D
Acq: 01 Nov 2023 10:56

Tgt Ion:146 Resp: 76124
Ion Ratio Lower Upper
146 100
111 39.5 18.9 56.7
148 64.0 32.1 96.5





#89

n-Butylbenzene

Concen: 20.862 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. -0.012 min

Lab File: VY016160.D

Acq: 01 Nov 2023 10:56

Instrument :

MSVOA_Y

ClientSampleId :

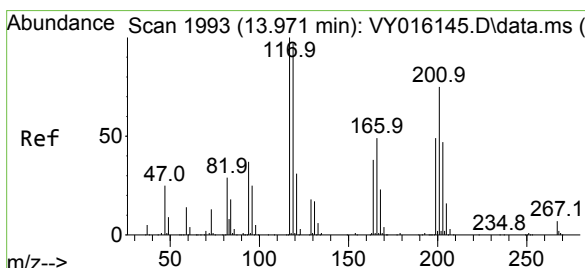
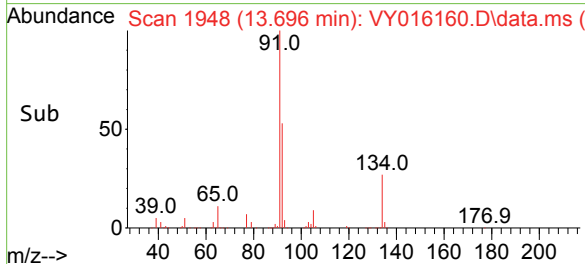
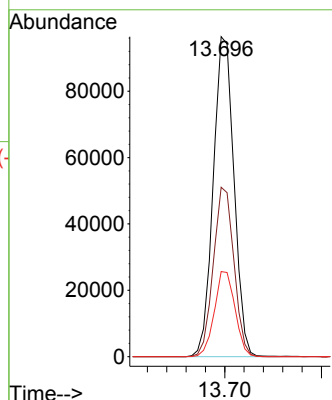
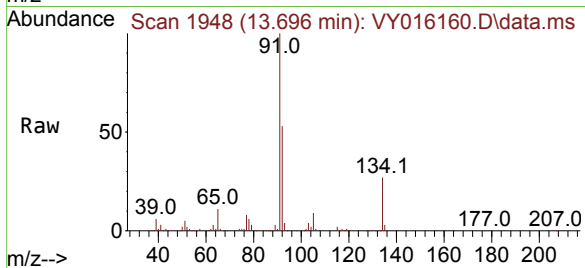
Tgt Ion: 91 Resp: 143179

Ion Ratio Lower Upper

91 100

92 52.6 25.4 76.0

134 26.5 12.6 37.6



#90

Hexachloroethane

Concen: 21.150 ug/l

RT: 13.965 min Scan# 1992

Delta R.T. -0.006 min

Lab File: VY016160.D

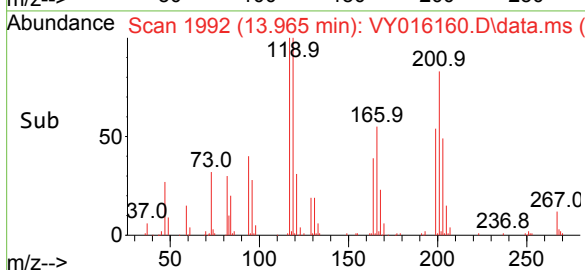
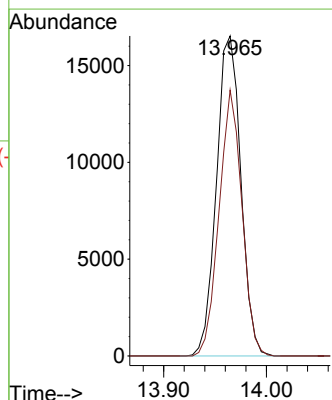
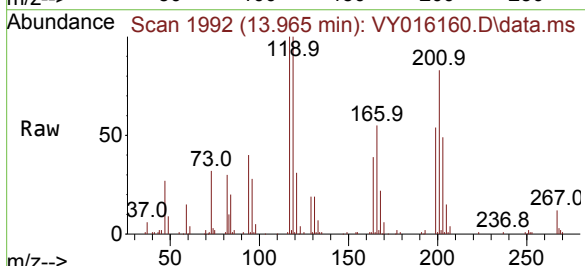
Acq: 01 Nov 2023 10:56

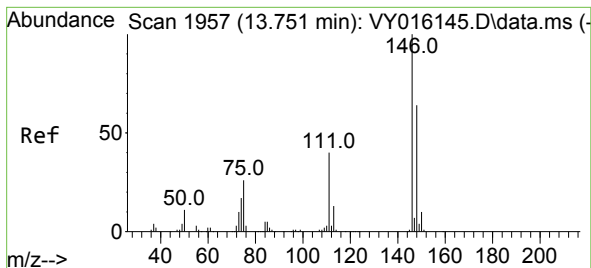
Tgt Ion: 117 Resp: 27224

Ion Ratio Lower Upper

117 100

201 77.8 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 20.188 ug/l

RT: 13.745 min Scan# 1956

Delta R.T. -0.006 min

Lab File: VY016160.D

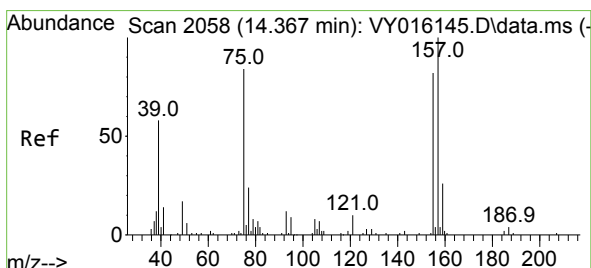
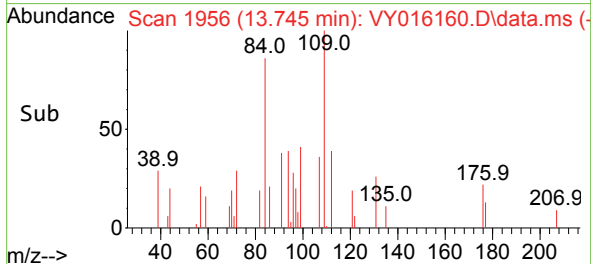
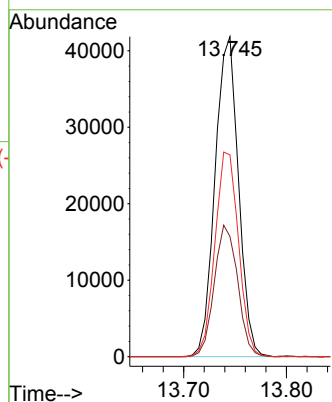
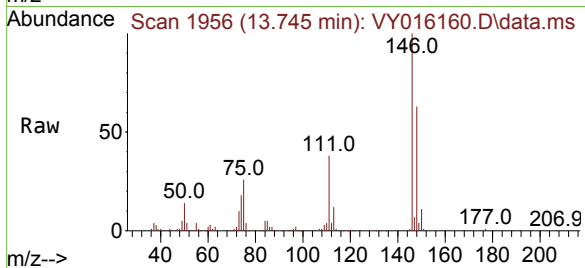
Acq: 01 Nov 2023 10:56

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:146	Resp:	66165
Ion Ratio	Lower	Upper
146	100	
111	41.1	19.7 59.0
148	64.4	32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.841 ug/l

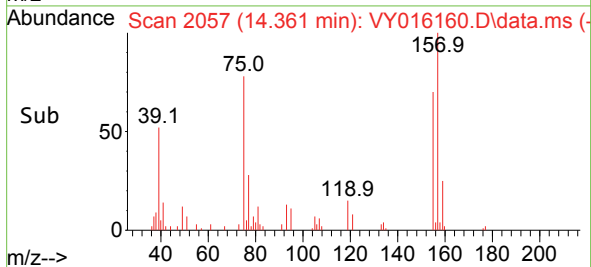
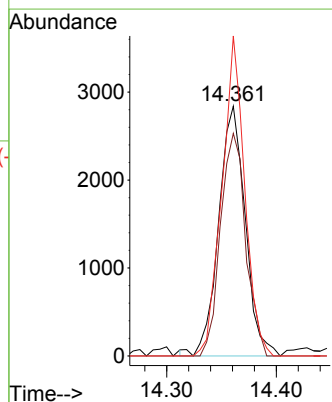
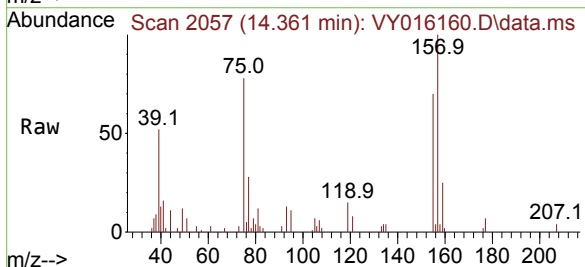
RT: 14.361 min Scan# 2057

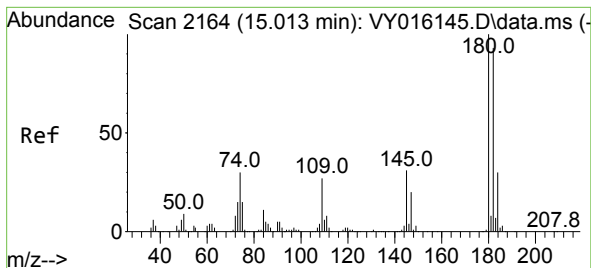
Delta R.T. -0.006 min

Lab File: VY016160.D

Acq: 01 Nov 2023 10:56

Tgt Ion: 75	Resp:	4786
Ion Ratio	Lower	Upper
75	100	
155	84.2	41.5 124.6
157	109.4	51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 19.926 ug/l

RT: 15.013 min Scan# 2164

Delta R.T. -0.000 min

Lab File: VY016160.D

Acq: 01 Nov 2023 10:56

Instrument :

MSVOA_Y

ClientSampleId :

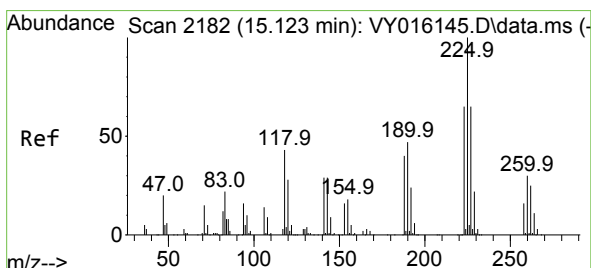
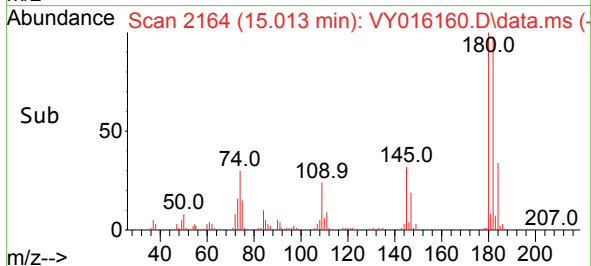
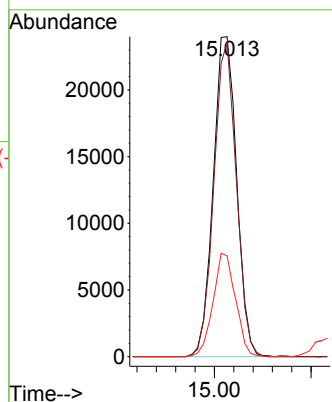
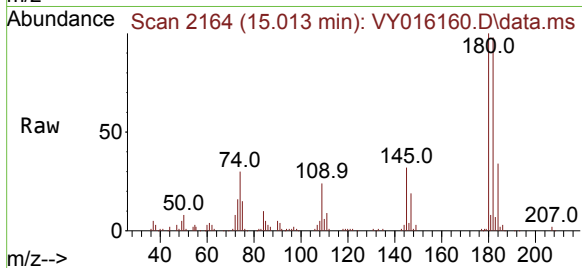
Tgt Ion:180 Resp: 40308

Ion Ratio Lower Upper

180 100

182 94.1 47.0 141.2

145 31.0 14.5 43.5



#94

Hexachlorobutadiene

Concen: 21.400 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. -0.006 min

Lab File: VY016160.D

Acq: 01 Nov 2023 10:56

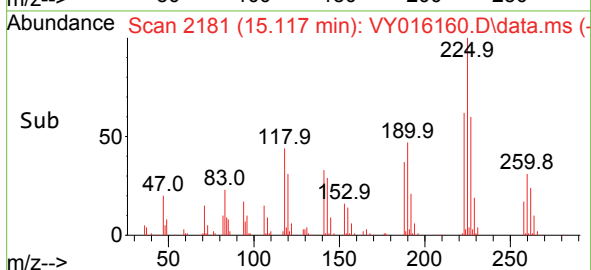
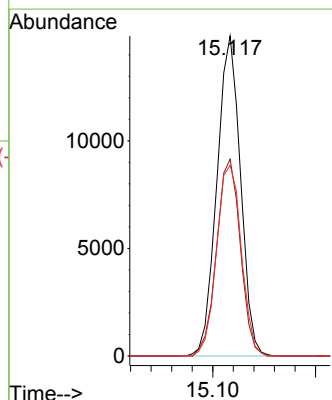
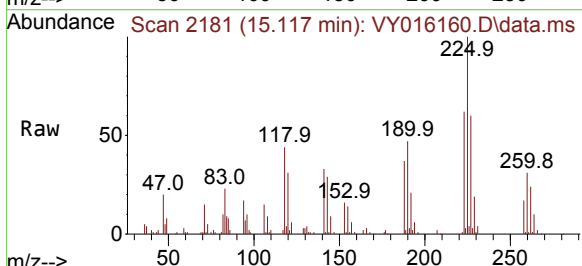
Tgt Ion:225 Resp: 23656

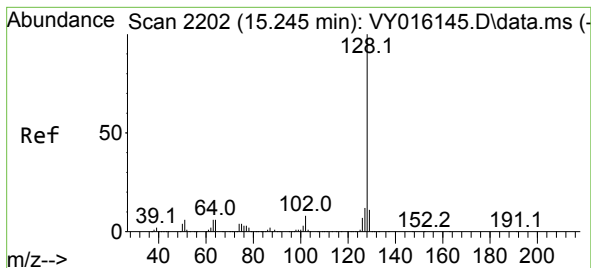
Ion Ratio Lower Upper

225 100

223 61.9 31.9 95.9

227 62.4 33.0 98.9





#95

Naphthalene

Concen: 18.381 ug/l

RT: 15.239 min Scan# 21

Delta R.T. -0.006 min

Lab File: VY016160.D

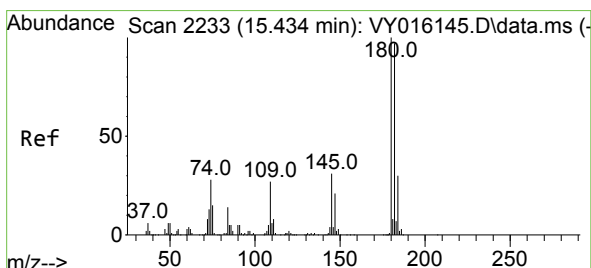
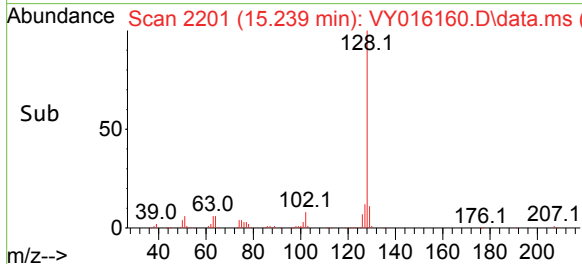
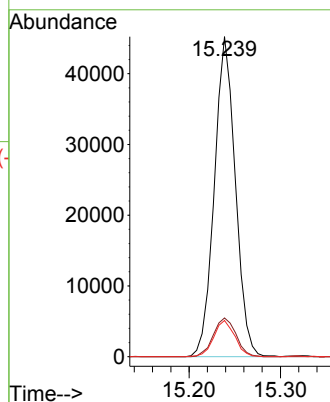
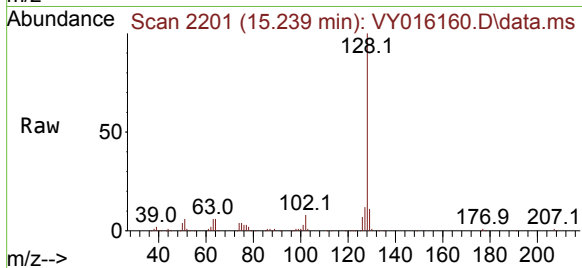
Acq: 01 Nov 2023 10:56

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:128	Resp:	72235
Ion Ratio	Lower	Upper
128	100	
127	13.0	10.8 16.2
129	11.4	8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 19.389 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. -0.006 min

Lab File: VY016160.D

Acq: 01 Nov 2023 10:56

Tgt Ion:180	Resp:	33504
Ion Ratio	Lower	Upper
180	100	
182	94.4	47.3 141.8
145	31.3	15.4 46.2

