

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081722\
 Data File : VY010060.D
 Acq On : 17 Aug 2022 11:57
 Operator : KP/MD
 Sample : N4201-01
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 331

Quant Time: Aug 17 14:57:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081522S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 17 05:12:02 2022
 Response via : Initial Calibration

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

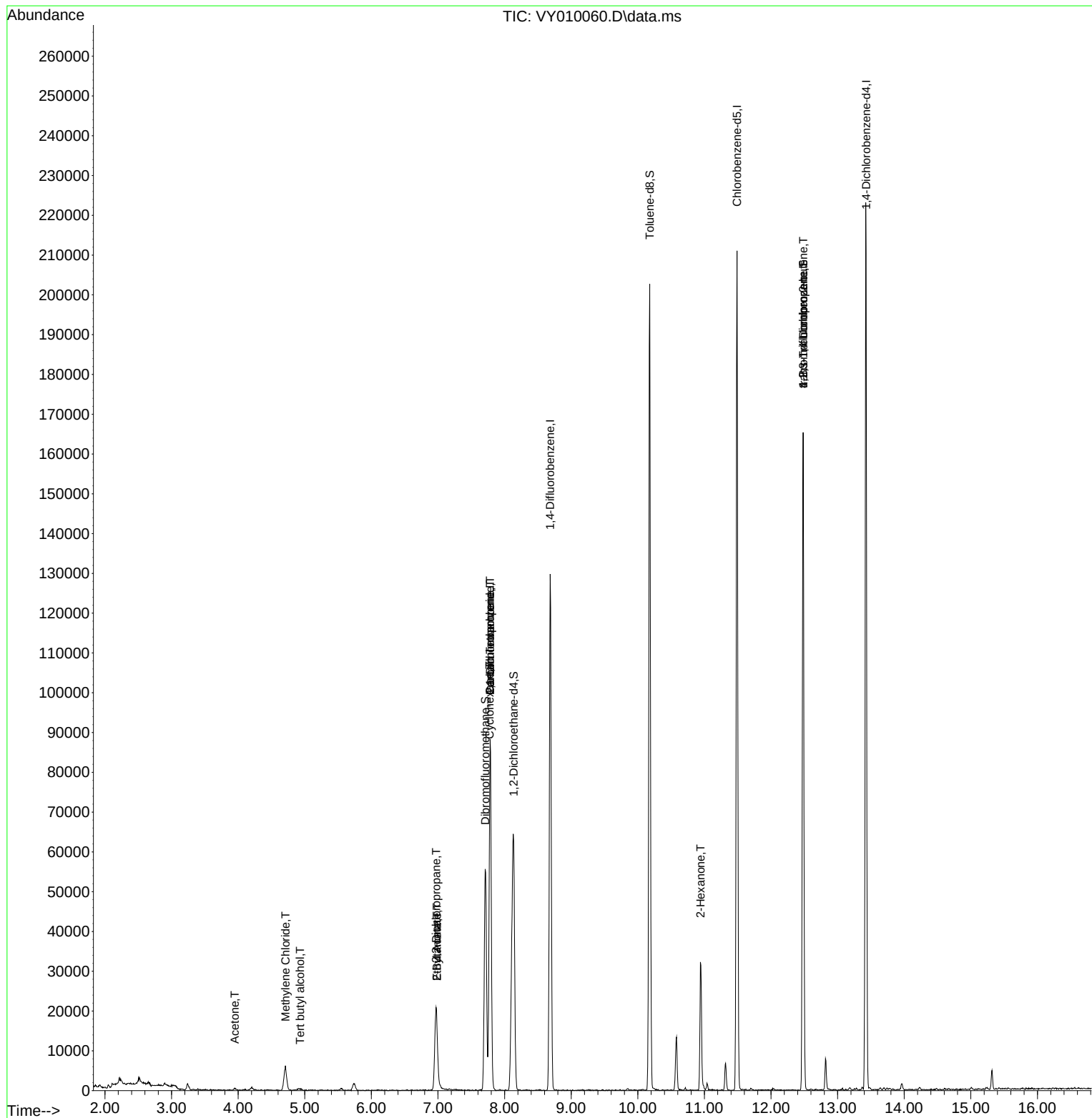
Internal Standards						
1) Pentafluorobenzene	7.783	168	71861	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	113461	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	116179	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	58398	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	40557	56.446	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 112.900%			
35) Dibromofluoromethane	7.710	113	38295	52.046	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.100%			
50) Toluene-d8	10.179	98	129132	47.436	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 94.880%			
62) 4-Bromofluorobenzene	12.483	95	45995	48.104	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 96.200%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.930	59	420	6.011	ug/l #	74
16) Acetone	3.948	43	824	5.354	ug/l	99
20) Methylene Chloride	4.710	84	4332	2.910	ug/l	97
25) 2-Butanone	6.984	43	1235	5.866	ug/l #	48
26) 2,2-Dichloropropane	6.972	77	1448	1.274	ug/l #	53
31) Cyclohexane	7.777	56	1436	1.414	ug/l #	18
36) 1,1-Dichloropropene	7.783	75	4945	4.824	ug/l #	48
37) Ethyl Acetate	6.984	43	1235	2.393	ug/l #	1
38) Carbon Tetrachloride	7.783	117	6771	5.371	ug/l #	18
59) 2-Hexanone	10.941	43	254	24.700	ug/l #	26
76) 1,2,3-Trichloropropane	12.483	75	23893	43.163	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	23893	97.544	ug/l #	12

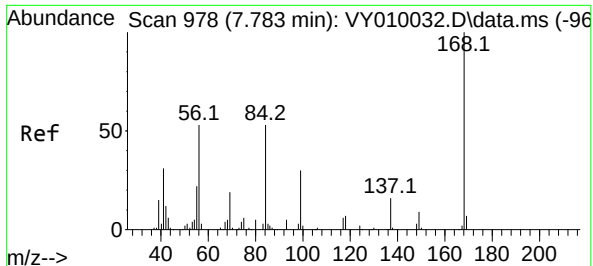
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081722\
Data File : VY010060.D
Acq On : 17 Aug 2022 11:57
Operator : KP/MD
Sample : N4201-01
Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
331

Quant Time: Aug 17 14:57:16 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081522S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 17 05:12:02 2022
Response via : Initial Calibration

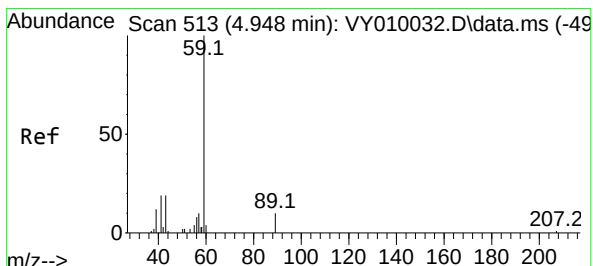
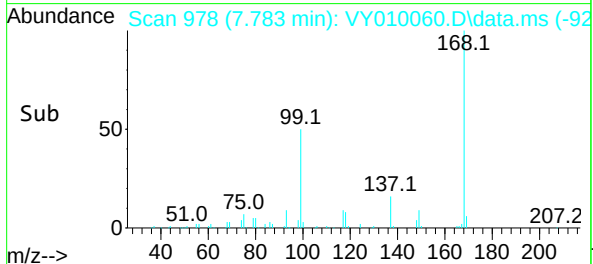
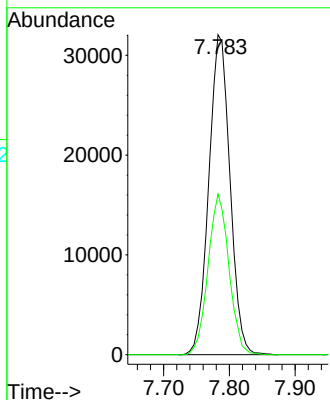
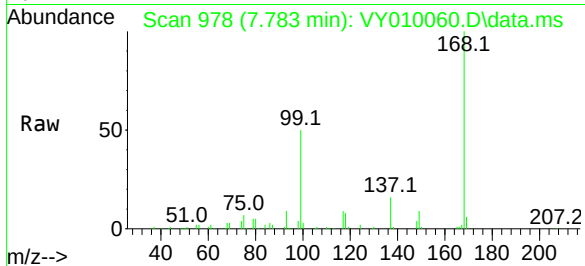




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010060.D
Acq: 17 Aug 2022 11:57

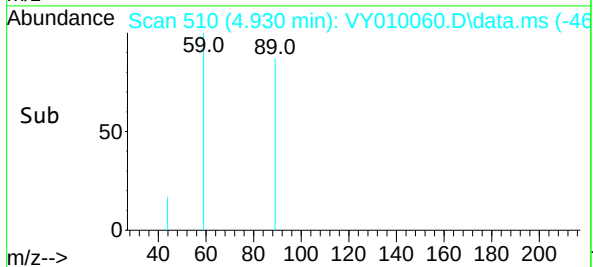
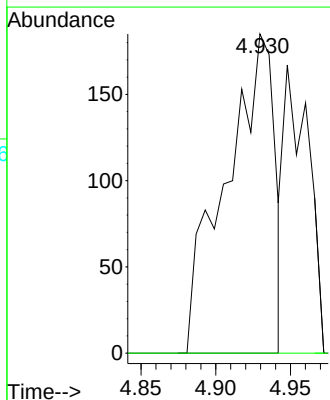
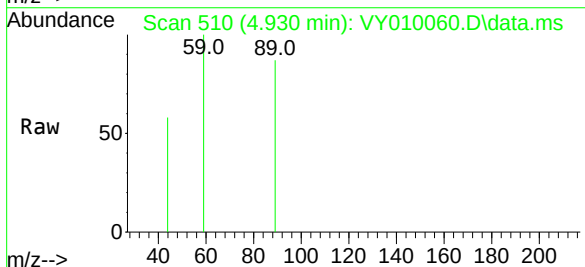
Instrument :
MSVOA_Y
ClientSampleId :
331

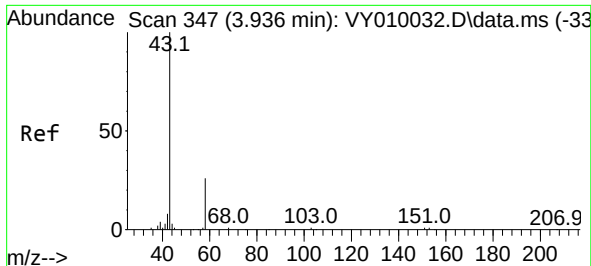
Tgt Ion:168 Resp: 71861
Ion Ratio Lower Upper
168 100
99 50.2 37.7 56.5



#11
Tert butyl alcohol
Concen: 6.011 ug/l
RT: 4.930 min Scan# 510
Delta R.T. -0.018 min
Lab File: VY010060.D
Acq: 17 Aug 2022 11:57

Tgt Ion: 59 Resp: 420
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#

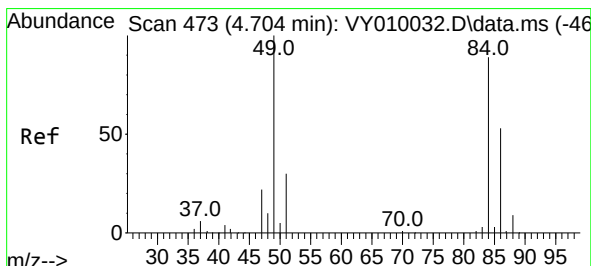
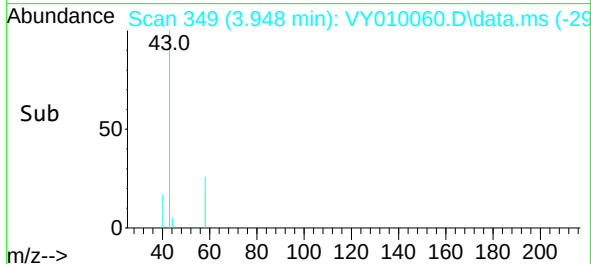
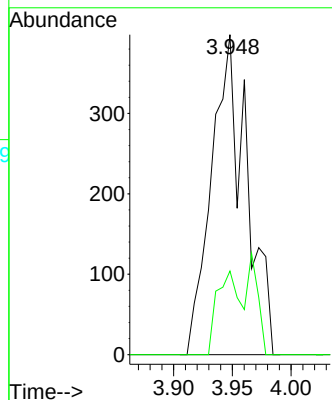
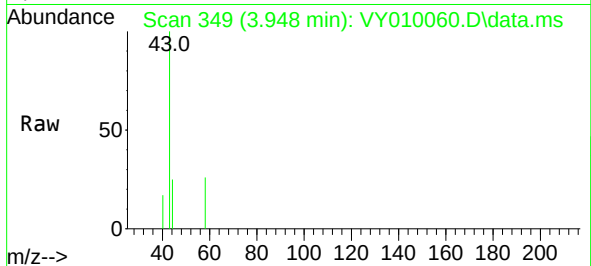




#16
Acetone
Concen: 5.354 ug/l
RT: 3.948 min Scan# 341
Delta R.T. 0.012 min
Lab File: VY010060.D
Acq: 17 Aug 2022 11:57

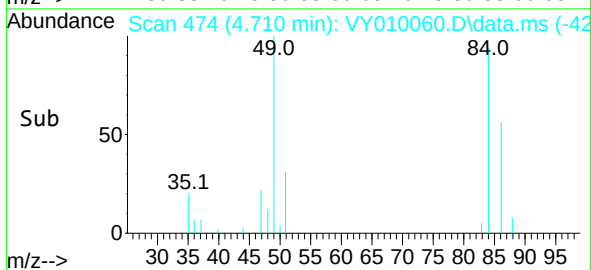
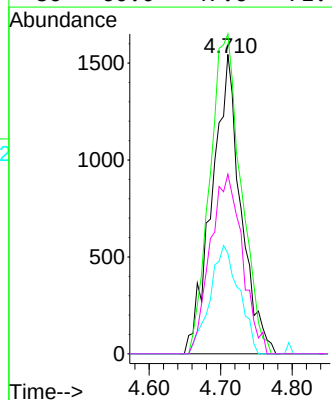
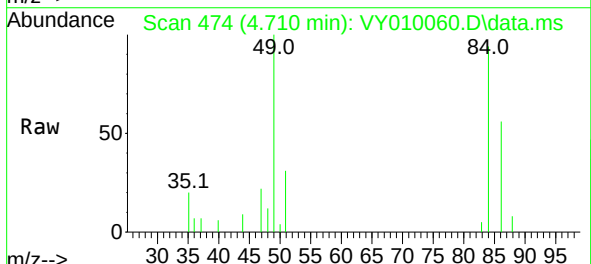
Instrument :
MSVOA_Y
ClientSampleId :
331

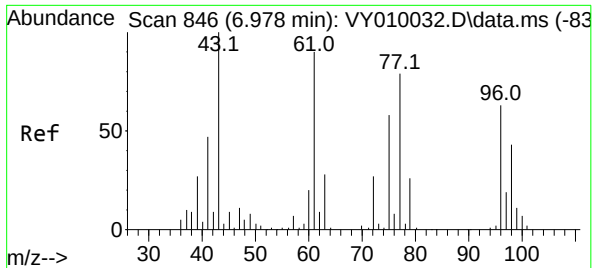
Tgt Ion: 43 Resp: 824
Ion Ratio Lower Upper
43 100
58 26.1 21.4 32.0



#20
Methylene Chloride
Concen: 2.910 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.006 min
Lab File: VY010060.D
Acq: 17 Aug 2022 11:57

Tgt Ion: 84 Resp: 4332
Ion Ratio Lower Upper
84 100
49 106.9 89.5 134.3
51 33.6 26.8 40.2
86 60.0 47.6 71.4

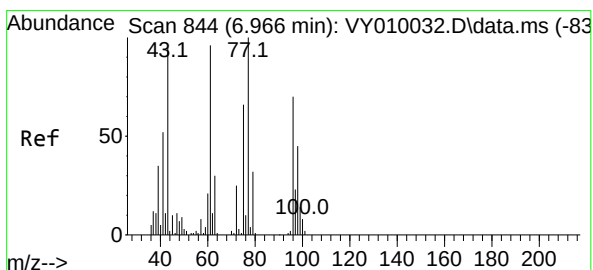
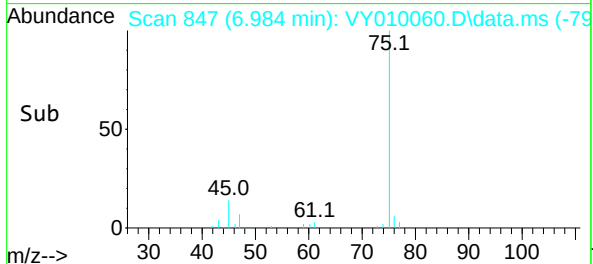
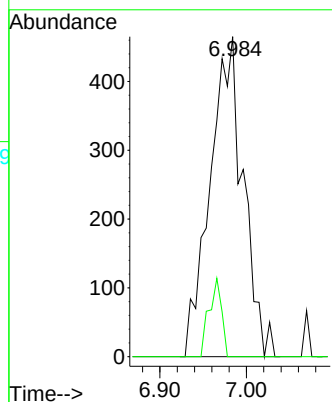
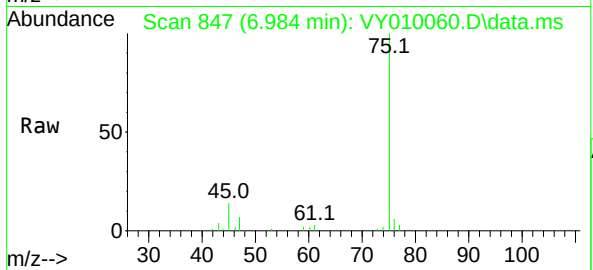




#25
2-Butanone
Concen: 5.866 ug/l
RT: 6.984 min Scan# 846
Delta R.T. 0.006 min
Lab File: VY010060.D
Acq: 17 Aug 2022 11:57

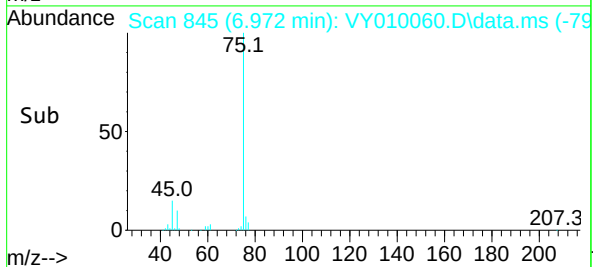
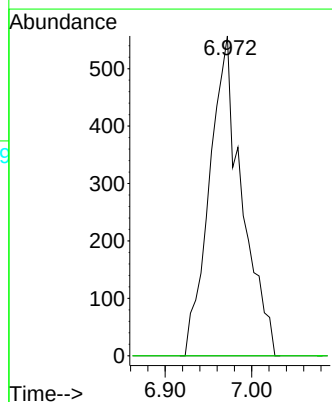
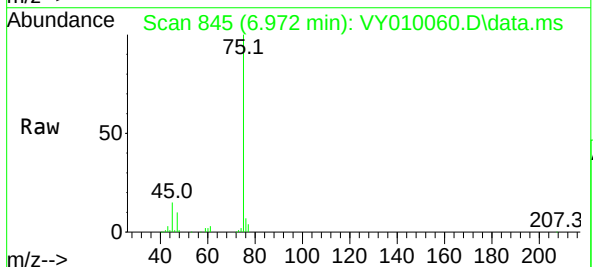
Instrument :
MSVOA_Y
ClientSampleId :
331

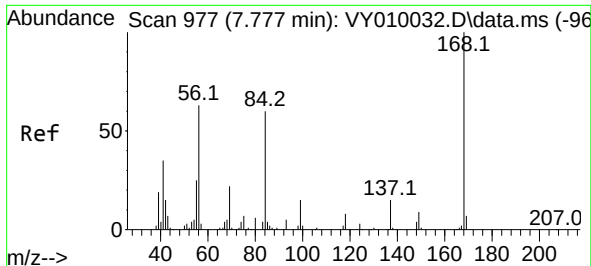
Tgt Ion: 43 Resp: 1235
Ion Ratio Lower Upper
43 100
72 0.0 21.7 32.5#



#26
2,2-Dichloropropane
Concen: 1.274 ug/l
RT: 6.972 min Scan# 845
Delta R.T. 0.006 min
Lab File: VY010060.D
Acq: 17 Aug 2022 11:57

Tgt Ion: 77 Resp: 1448
Ion Ratio Lower Upper
77 100
97 0.0 11.2 33.6#

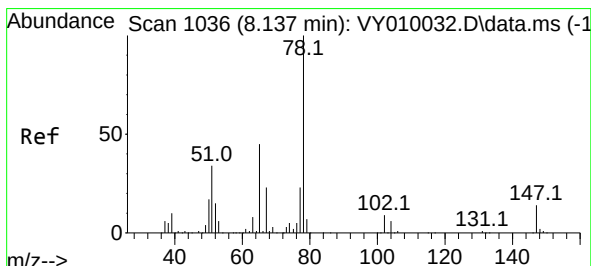
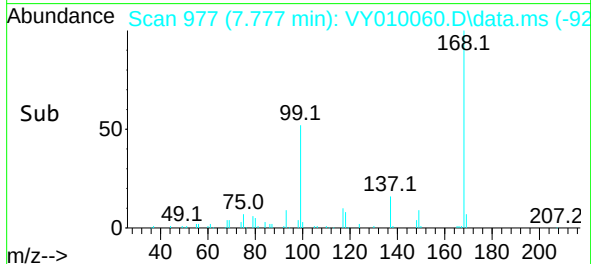
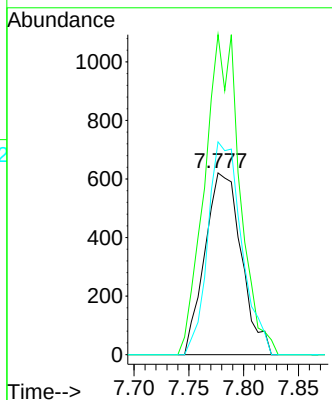
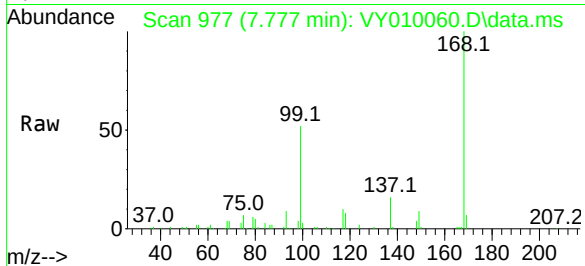




#31
Cyclohexane
Concen: 1.414 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010060.D
Acq: 17 Aug 2022 11:57

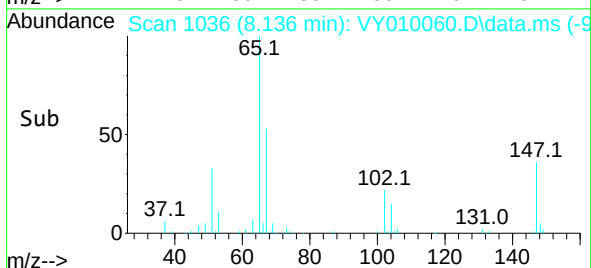
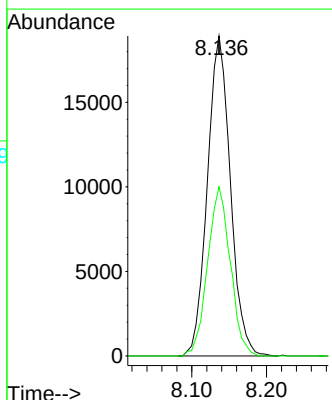
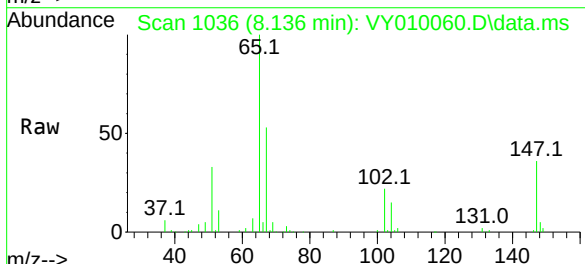
Instrument :
MSVOA_Y
ClientSampleId :
331

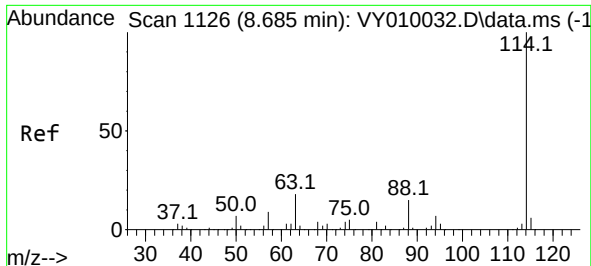
Tgt Ion: 56 Resp: 1436
Ion Ratio Lower Upper
56 100
69 176.0 28.6 43.0#
84 117.1 76.0 114.0#



#33
1,2-Dichloroethane-d4
Concen: 56.446 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.001 min
Lab File: VY010060.D
Acq: 17 Aug 2022 11:57

Tgt Ion: 65 Resp: 40557
Ion Ratio Lower Upper
65 100
67 52.1 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY010060.D

Acq: 17 Aug 2022 11:57

Instrument :

MSVOA_Y

ClientSampleId :

331

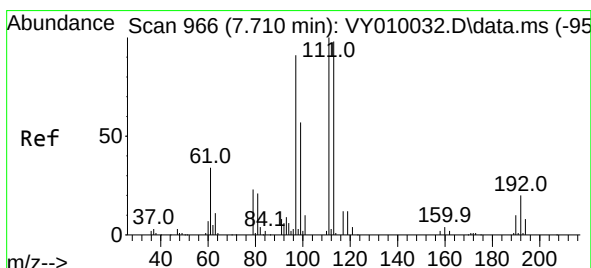
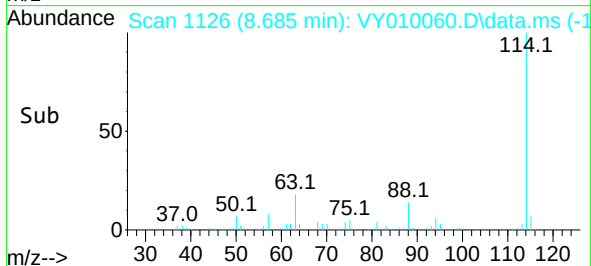
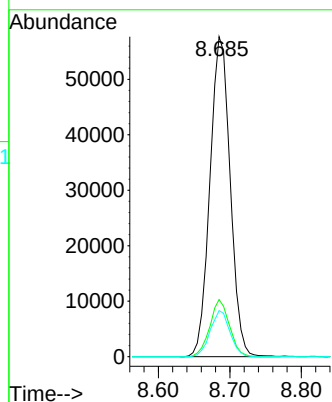
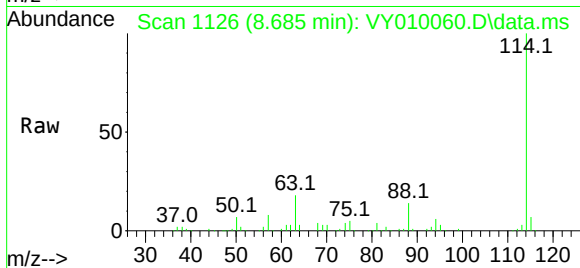
Tgt Ion:114 Resp: 113461

Ion Ratio Lower Upper

114 100

63 17.8 0.0 35.2

88 14.4 0.0 30.2



#35

Dibromofluoromethane

Concen: 52.046 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY010060.D

Acq: 17 Aug 2022 11:57

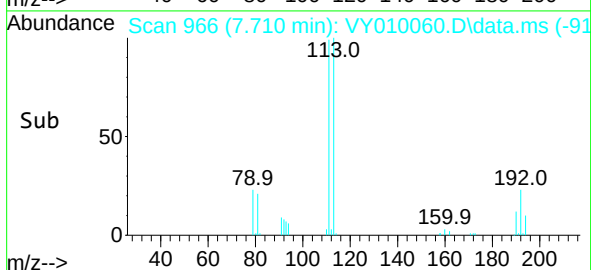
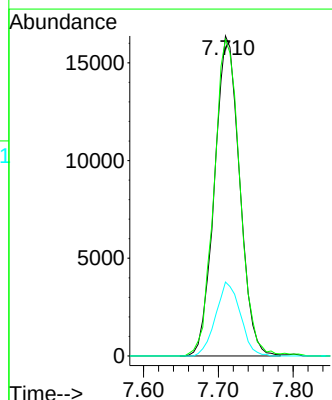
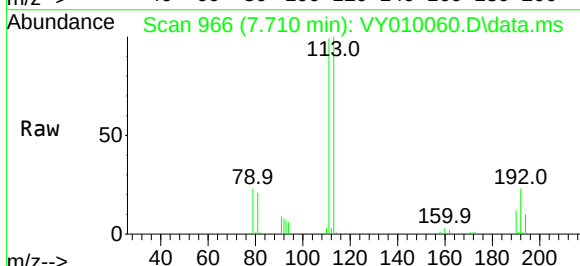
Tgt Ion:113 Resp: 38295

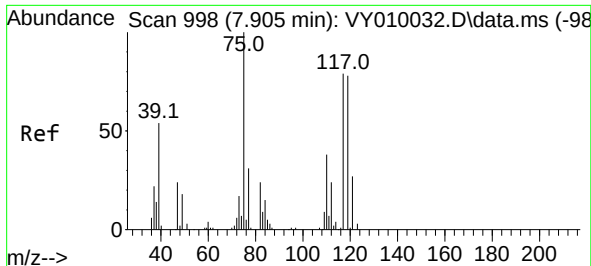
Ion Ratio Lower Upper

113 100

111 102.0 82.7 124.1

192 22.6 17.2 25.8

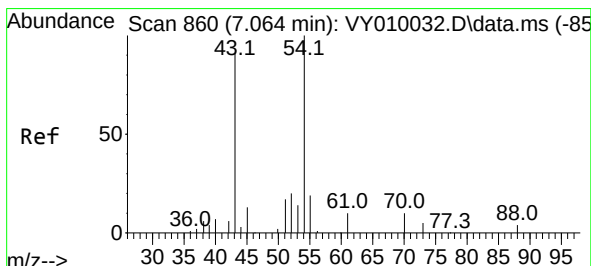
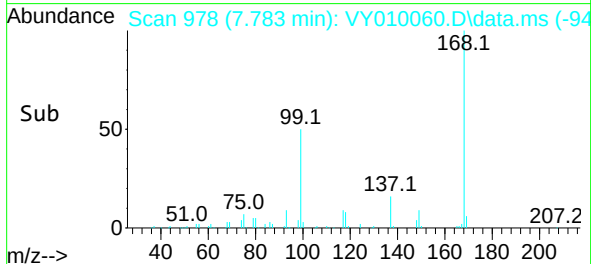
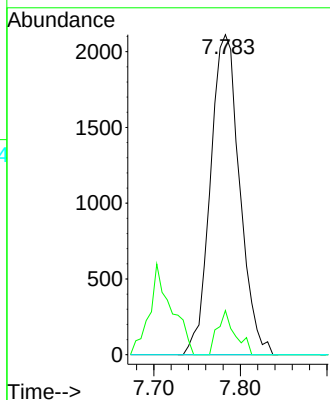
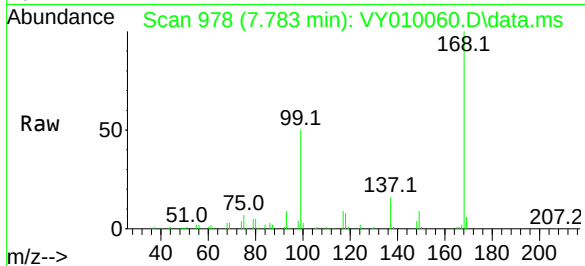




#36
 1,1-Dichloropropene
 Concen: 4.824 ug/l
 RT: 7.783 min Scan# 91
 Delta R.T. -0.122 min
 Lab File: VY010060.D
 Acq: 17 Aug 2022 11:57

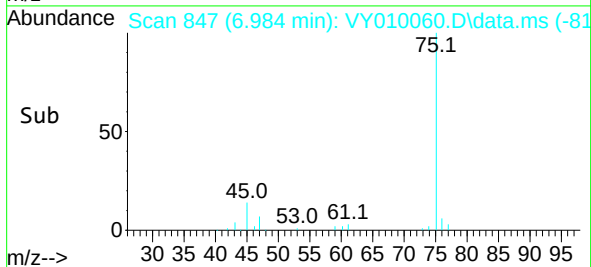
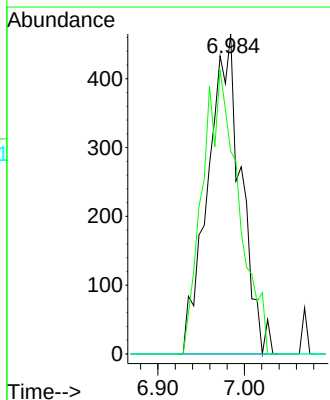
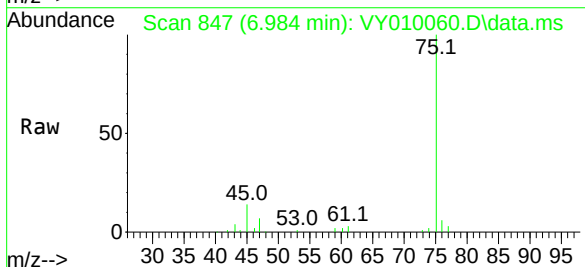
Instrument :
 MSVOA_Y
 ClientSampleId :
 331

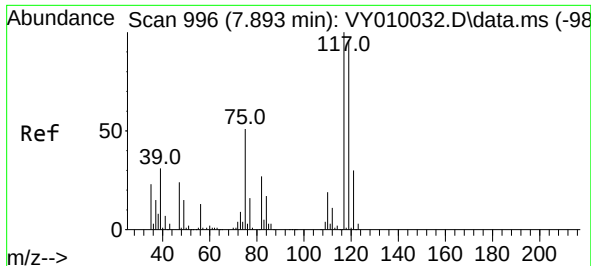
Tgt Ion: 75 Resp: 4945
 Ion Ratio Lower Upper
 75 100
 110 8.4 18.4 55.4#
 77 0.0 24.6 36.8#



#37
 Ethyl Acetate
 Concen: 2.393 ug/l
 RT: 6.984 min Scan# 847
 Delta R.T. -0.080 min
 Lab File: VY010060.D
 Acq: 17 Aug 2022 11:57

Tgt Ion: 43 Resp: 1235
 Ion Ratio Lower Upper
 43 100
 61 96.7 9.6 14.4#
 70 0.0 7.9 11.9#

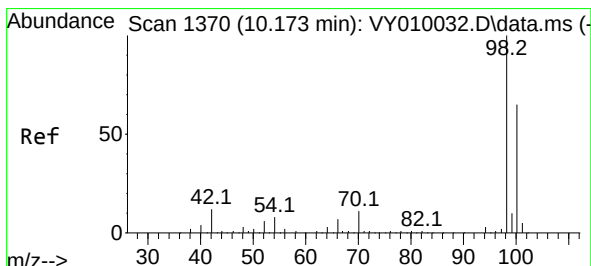
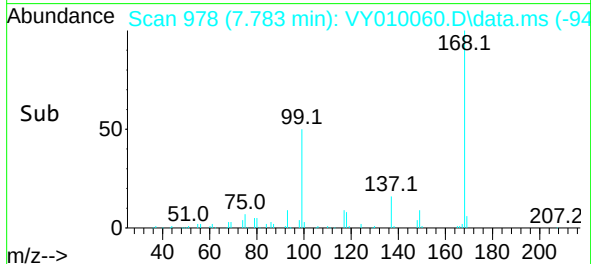
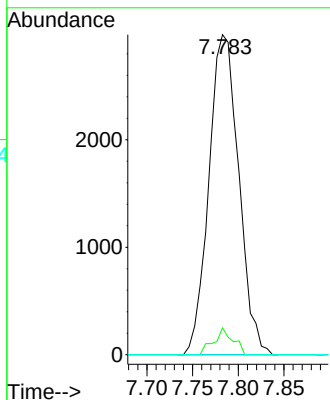
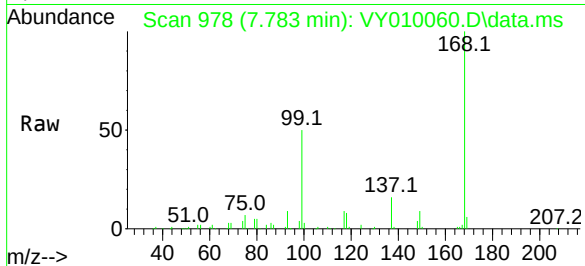




#38
Carbon Tetrachloride
Concen: 5.371 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY010060.D
Acq: 17 Aug 2022 11:57

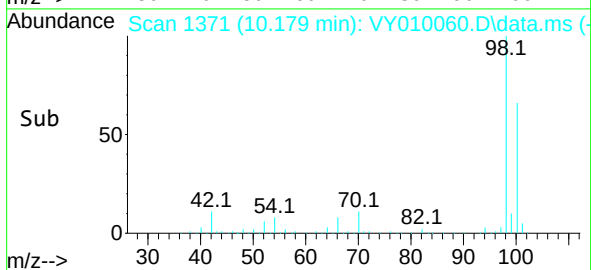
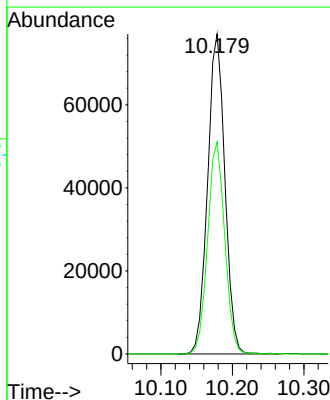
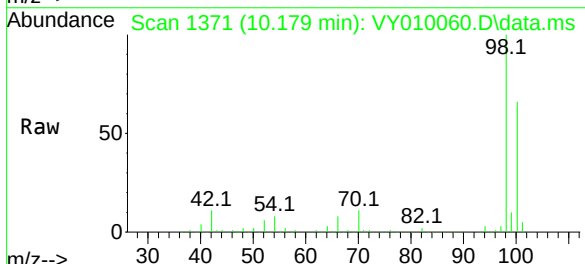
Instrument :
MSVOA_Y
ClientSampleId :
331

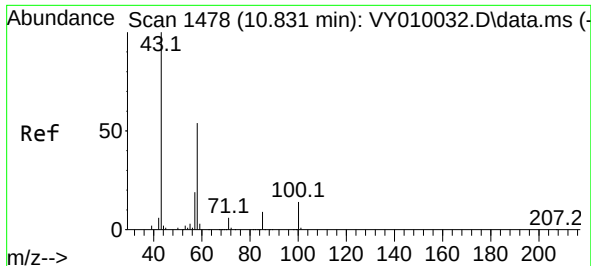
Tgt Ion: 117 Resp: 6771
Ion Ratio Lower Upper
117 100
119 8.4 77.0 115.6#
121 0.0 24.2 36.4#



#50
Toluene-d8
Concen: 47.436 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.006 min
Lab File: VY010060.D
Acq: 17 Aug 2022 11:57

Tgt Ion: 98 Resp: 129132
Ion Ratio Lower Upper
98 100
100 65.5 52.1 78.1

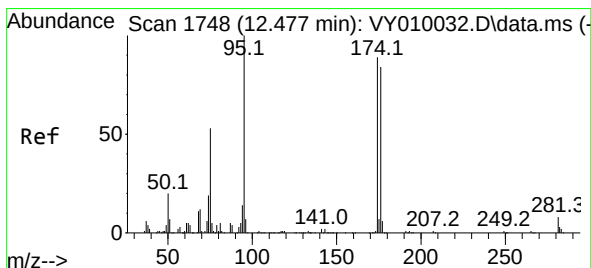
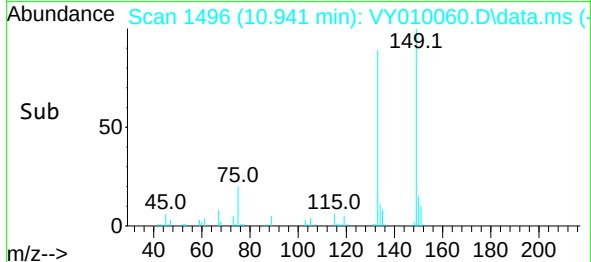
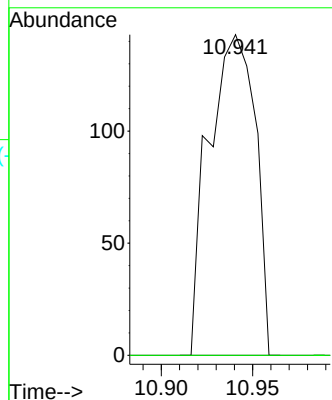
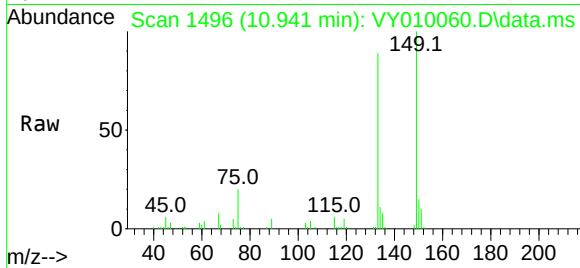




#59
2-Hexanone
Concen: 24.700 ug/l
RT: 10.941 min Scan# 1478
Delta R.T. 0.110 min
Lab File: VY010060.D
Acq: 17 Aug 2022 11:57

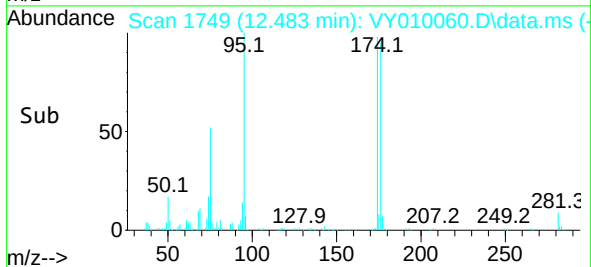
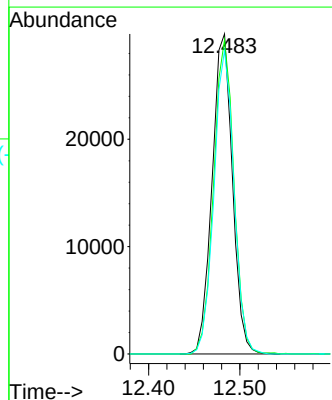
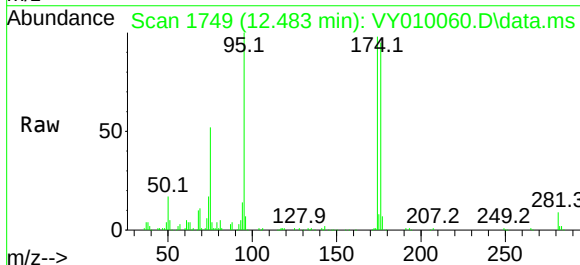
Instrument :
MSVOA_Y
ClientSampleId :
331

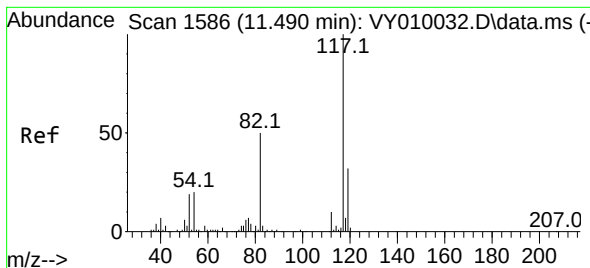
Tgt Ion: 43 Resp: 254
Ion Ratio Lower Upper
43 100
58 0.0 26.3 78.9#



#62
4-Bromofluorobenzene
Concen: 48.104 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY010060.D
Acq: 17 Aug 2022 11:57

Tgt Ion: 95 Resp: 45995
Ion Ratio Lower Upper
95 100
174 98.2 0.0 184.2
176 93.8 0.0 178.4

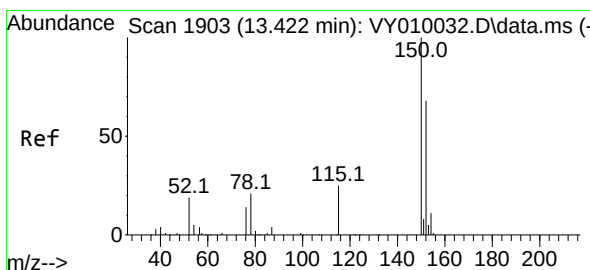
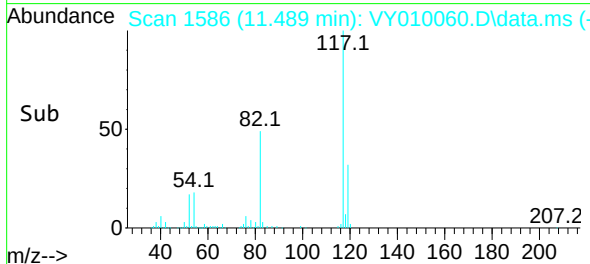
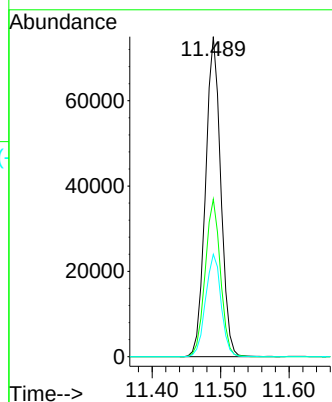
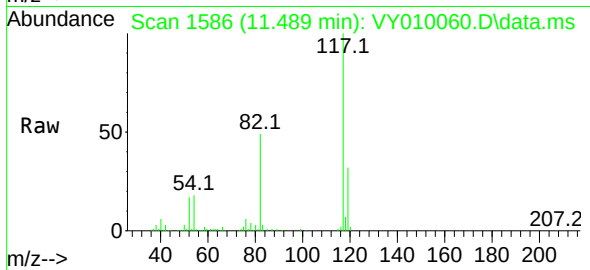




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY010060.D
Acq: 17 Aug 2022 11:57

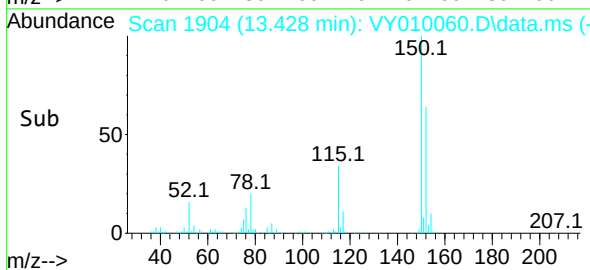
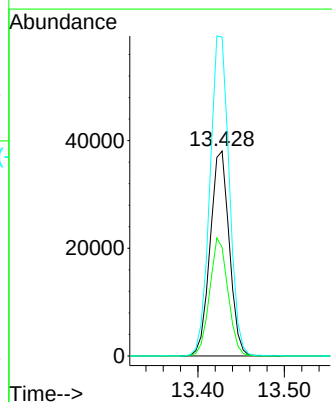
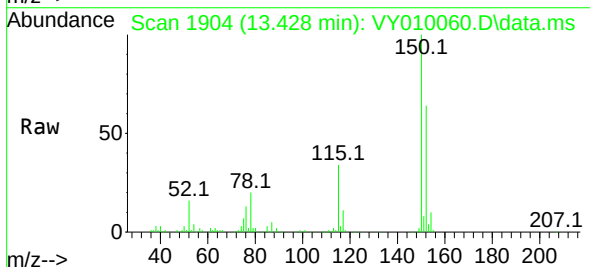
Instrument :
MSVOA_Y
ClientSampleId :
331

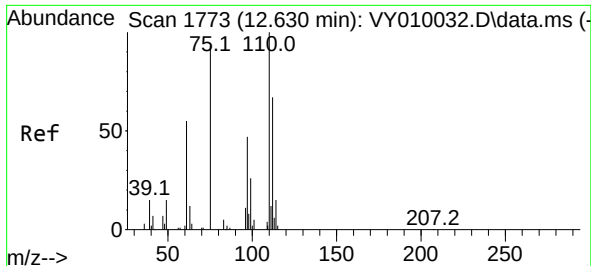
Tgt Ion:117 Resp: 116179
Ion Ratio Lower Upper
117 100
82 49.2 39.8 59.6
119 32.0 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY010060.D
Acq: 17 Aug 2022 11:57

Tgt Ion:152 Resp: 58398
Ion Ratio Lower Upper
152 100
115 54.9 28.1 84.3
150 157.6 0.0 346.6

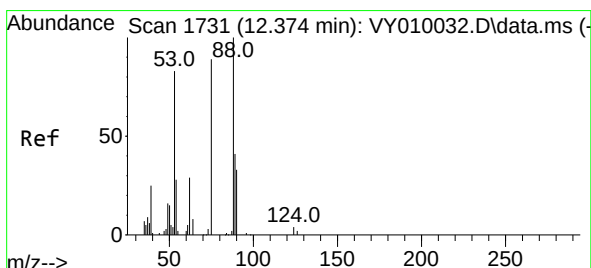
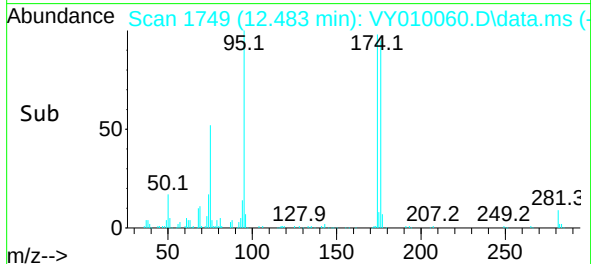
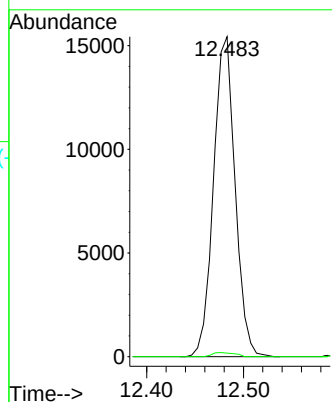
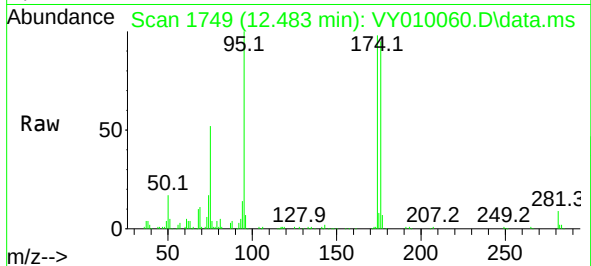




#76
1,2,3-Trichloropropane
Concen: 43.163 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY010060.D
Acq: 17 Aug 2022 11:57

Instrument :
MSVOA_Y
ClientSampleId :
331

Tgt Ion: 75 Resp: 23893
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 97.544 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.109 min
Lab File: VY010060.D
Acq: 17 Aug 2022 11:57

Tgt Ion: 75 Resp: 23893
Ion Ratio Lower Upper
75 100
53 0.0 74.2 111.4#
89 0.0 37.8 56.6#

