

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011122\
 Data File : VY007112.D
 Acq On : 11 Jan 2022 12:41
 Operator : SY/MD
 Sample : VY0111SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0111SBL01

Quant Time: Jan 12 07:15:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010822S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 10 03:29:44 2022
 Response via : Initial Calibration

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

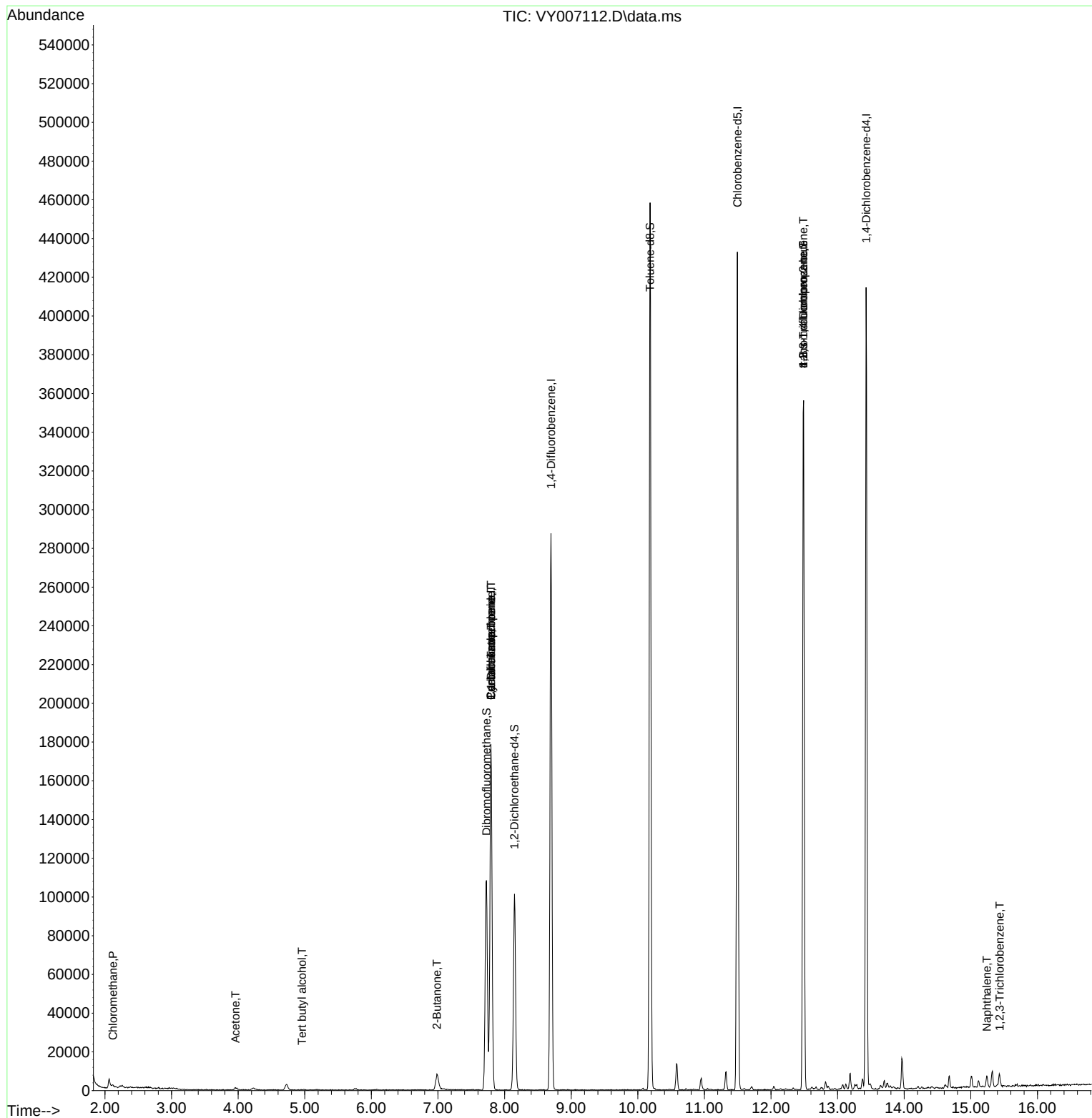
Internal Standards						
1) Pentafluorobenzene	7.795	168	129206	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	240209	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	226491	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	97553	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	80147	51.851	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.700%	
35) Dibromofluoromethane	7.728	113	79261	49.509	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.020%	
50) Toluene-d8	10.185	98	295579	49.984	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 99.960%	
62) 4-Bromofluorobenzene	12.483	95	107801	50.546	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 101.100%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.119	50	1091	1.167	ug/l #	85
11) Tert butyl alcohol	4.960	59	285	2.313	ug/l #	73
13) Acrolein	3.729	56	18	Below Cal	#	15
16) Acetone	3.960	43	2597	8.955	ug/l #	84
20) Methylene Chloride	4.722	84	2260	Below Cal		91
25) 2-Butanone	6.984	43	449	1.002	ug/l #	47
31) Cyclohexane	7.795	56	2894	1.088	ug/l #	2
36) 1,1-Dichloropropene	7.795	75	11125	4.385	ug/l #	50
38) Carbon Tetrachloride	7.795	117	14388	5.428	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	57147	51.328	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	57147	96.408	ug/l #	3
95) Naphthalene	15.239	128	4572	1.183	ug/l	96
96) 1,2,3-Trichlorobenzene	15.434	180	1797	1.156	ug/l	96

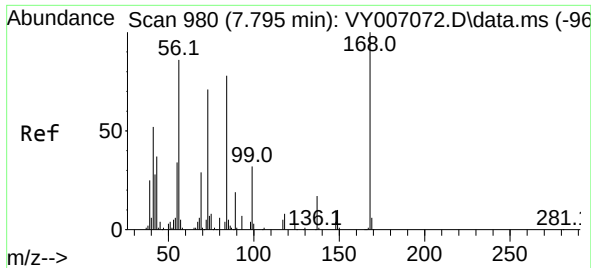
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011122\
Data File : VY007112.D
Acq On : 11 Jan 2022 12:41
Operator : SY/MD
Sample : VY0111SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0111SBL01

Quant Time: Jan 12 07:15:10 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010822S.M
Quant Title : SW846 8260
QLast Update : Mon Jan 10 03:29:44 2022
Response via : Initial Calibration

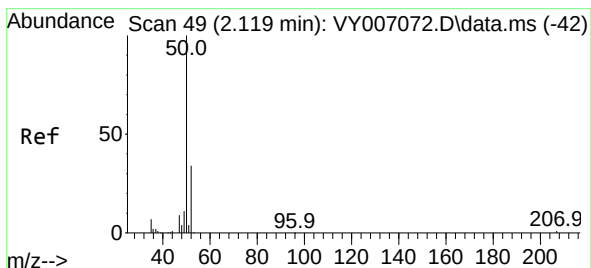
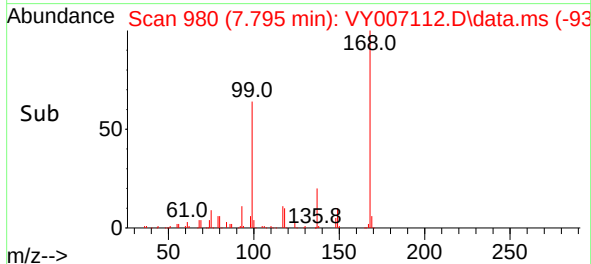
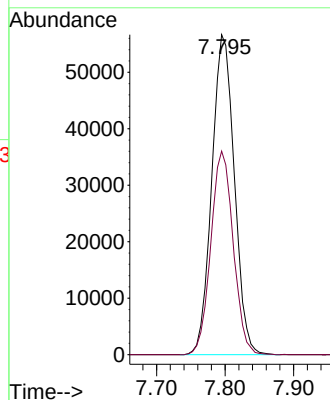
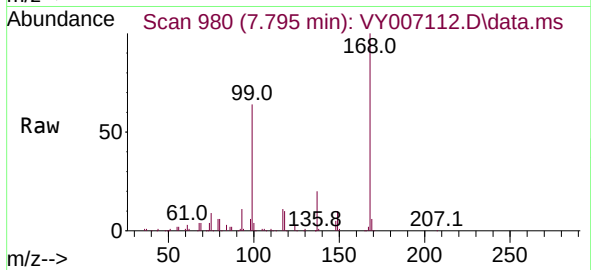




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007112.D
Acq: 11 Jan 2022 12:41

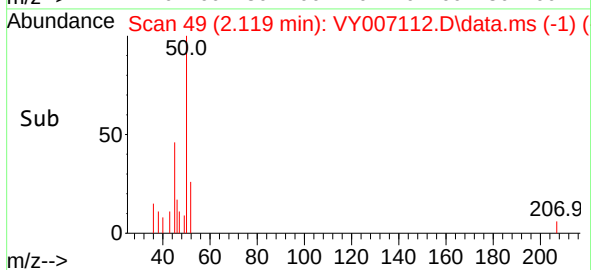
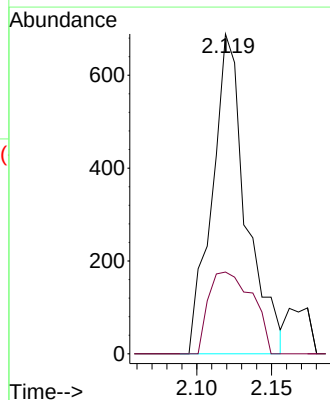
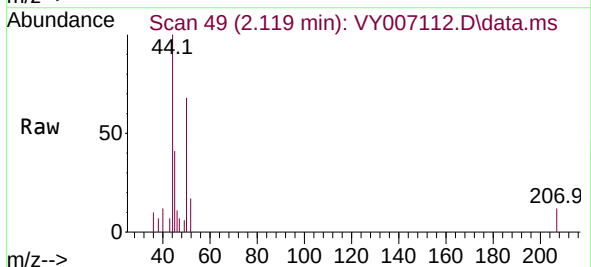
Instrument :
MSVOA_Y
ClientSampleId :
VY0111SBL01

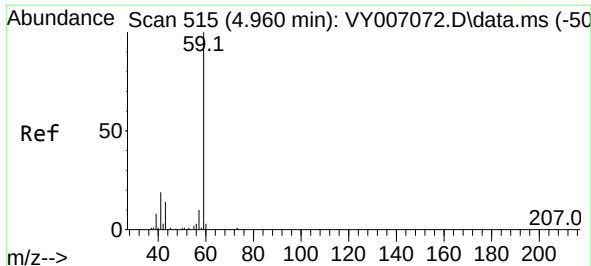
Tgt Ion:168 Resp: 129206
Ion Ratio Lower Upper
168 100
99 63.6 49.1 73.7



#3
Chloromethane
Concen: 1.167 ug/l
RT: 2.119 min Scan# 49
Delta R.T. -0.000 min
Lab File: VY007112.D
Acq: 11 Jan 2022 12:41

Tgt Ion: 50 Resp: 1091
Ion Ratio Lower Upper
50 100
52 25.5 27.1 40.7#





#11

Tert butyl alcohol

Concen: 2.313 ug/l

RT: 4.960 min Scan# 515

Delta R.T. -0.000 min

Lab File: VY007112.D

Acq: 11 Jan 2022 12:41

Instrument :

MSVOA_Y

ClientSampleId :

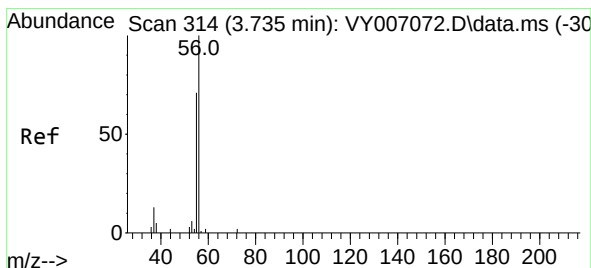
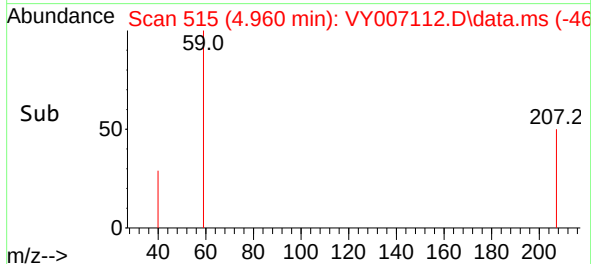
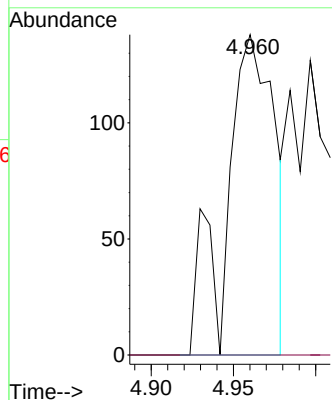
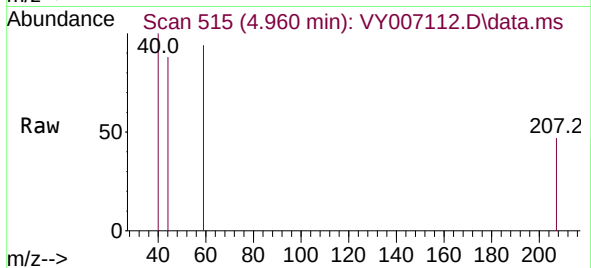
VY0111SBL01

Tgt Ion: 59 Resp: 285

Ion Ratio Lower Upper

59 100

57 0.0 8.1 12.1#



#13

Acrolein

Concen: Below Cal

RT: 3.729 min Scan# 313

Delta R.T. -0.006 min

Lab File: VY007112.D

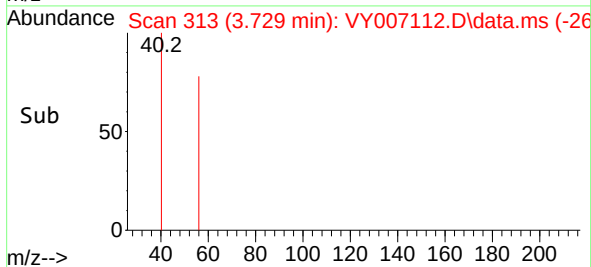
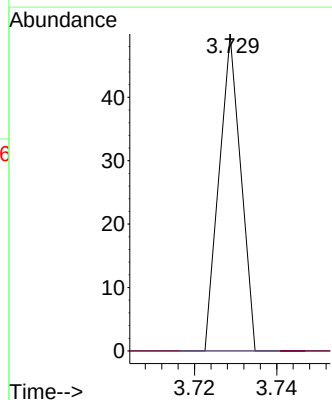
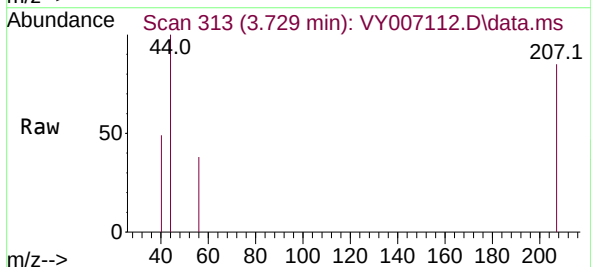
Acq: 11 Jan 2022 12:41

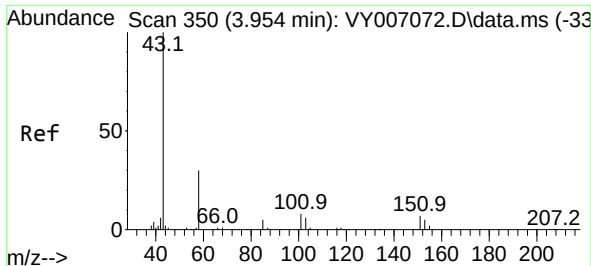
Tgt Ion: 56 Resp: 18

Ion Ratio Lower Upper

56 100

55 0.0 55.7 83.5#

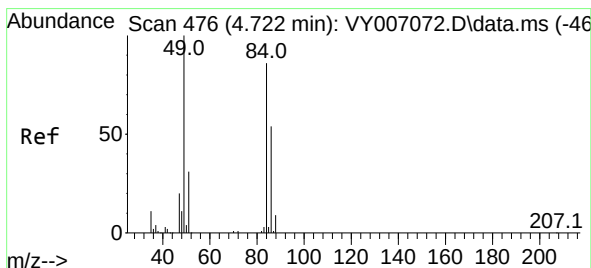
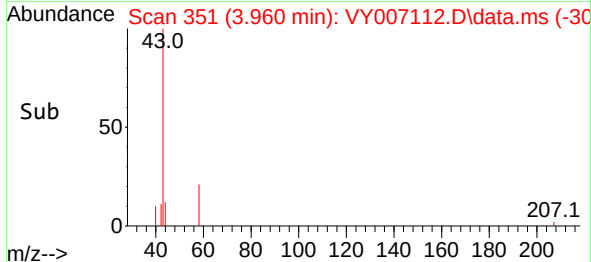
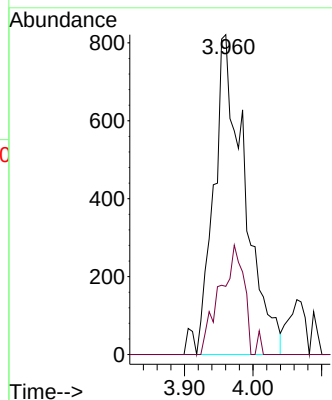
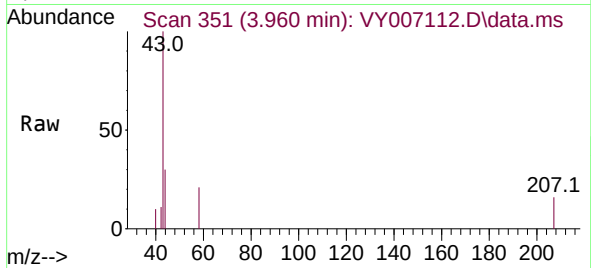




#16
Acetone
Concen: 8.955 ug/l
RT: 3.960 min Scan# 311
Delta R.T. 0.006 min
Lab File: VY007112.D
Acq: 11 Jan 2022 12:41

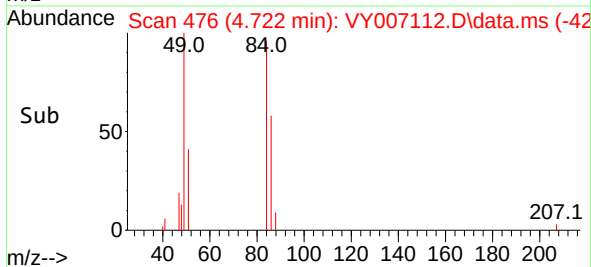
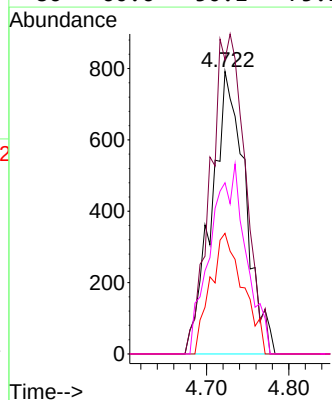
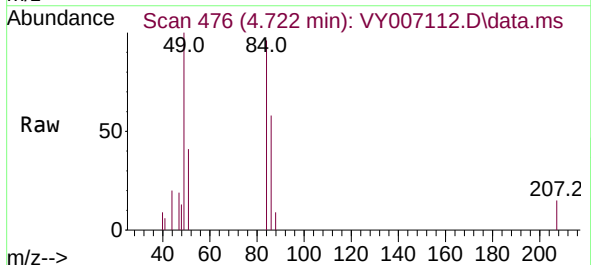
Instrument :
MSVOA_Y
ClientSampleId :
VY0111SBL01

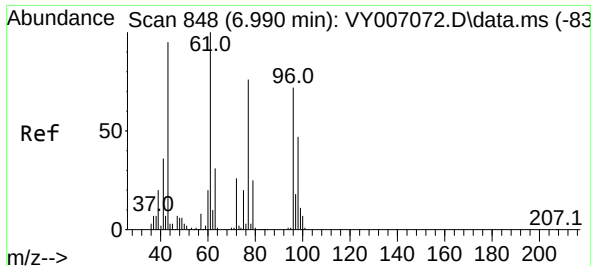
Tgt Ion: 43 Resp: 2597
Ion Ratio Lower Upper
43 100
58 21.3 23.8 35.6#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.722 min Scan# 476
Delta R.T. 0.000 min
Lab File: VY007112.D
Acq: 11 Jan 2022 12:41

Tgt Ion: 84 Resp: 2260
Ion Ratio Lower Upper
84 100
49 104.2 92.6 139.0
51 42.7 28.6 42.8
86 60.6 50.1 75.1





#25

2-Butanone

Concen: 1.002 ug/l

RT: 6.984 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY007112.D

Acq: 11 Jan 2022 12:41

Instrument :

MSVOA_Y

ClientSampleId :

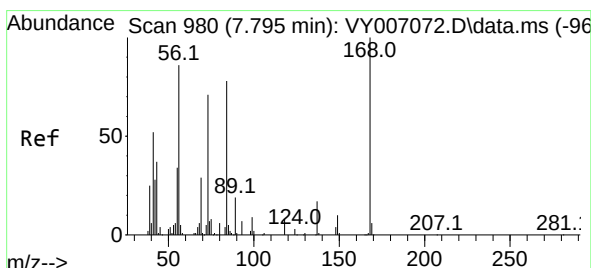
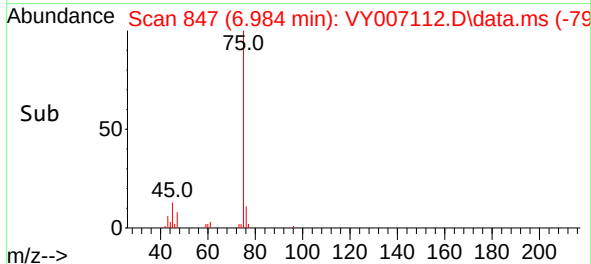
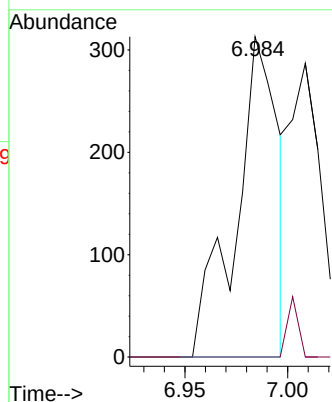
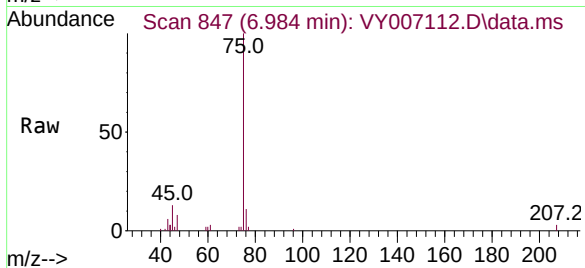
VY0111SBL01

Tgt Ion: 43 Resp: 449

Ion Ratio Lower Upper

43 100

72 0.0 21.9 32.9#



#31

Cyclohexane

Concen: 1.088 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.000 min

Lab File: VY007112.D

Acq: 11 Jan 2022 12:41

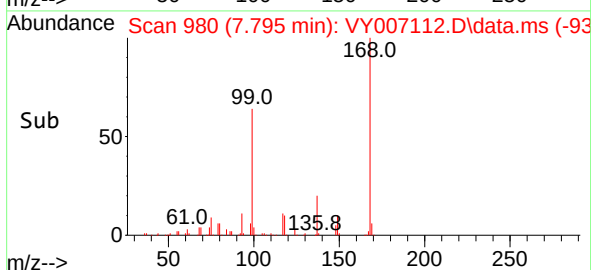
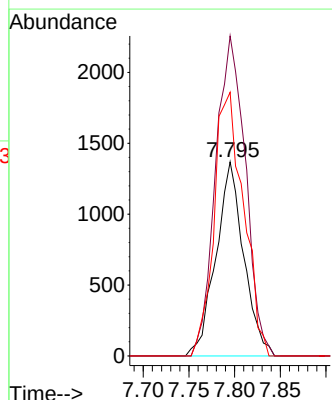
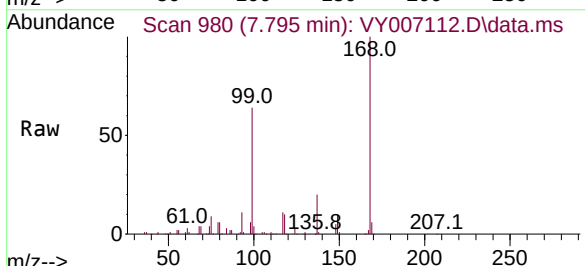
Tgt Ion: 56 Resp: 2894

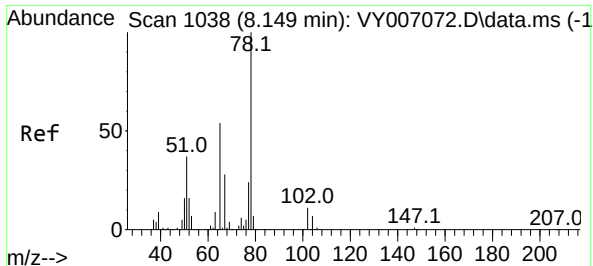
Ion Ratio Lower Upper

56 100

69 164.9 27.2 40.8#

84 135.9 72.1 108.1#

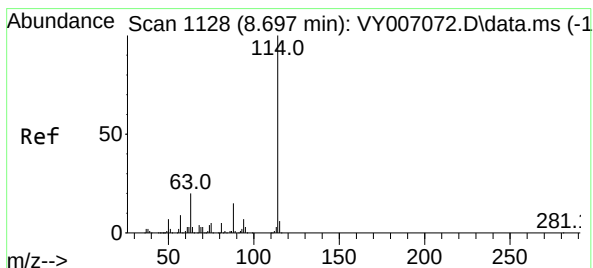
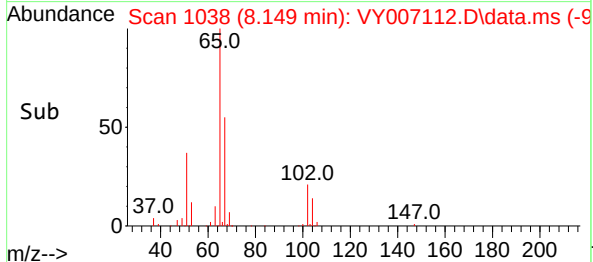
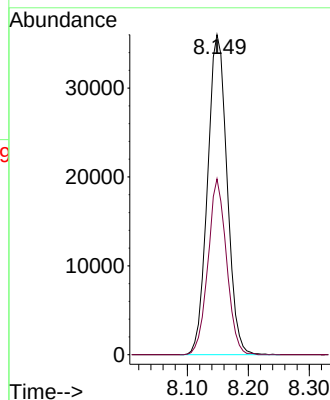
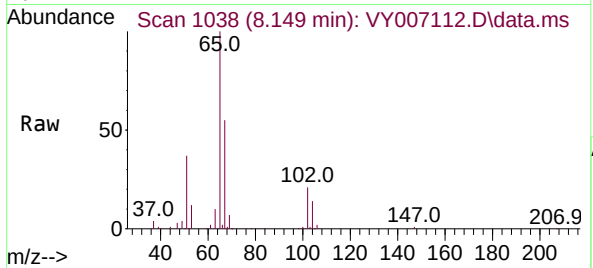




#33
 1,2-Dichloroethane-d4
 Concen: 51.851 ug/l
 RT: 8.149 min Scan# 1038
 Delta R.T. -0.000 min
 Lab File: VY007112.D
 Acq: 11 Jan 2022 12:41

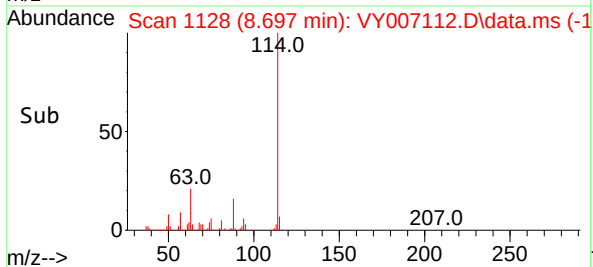
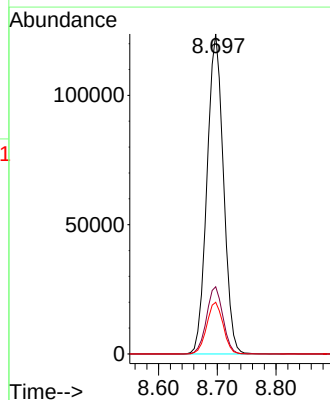
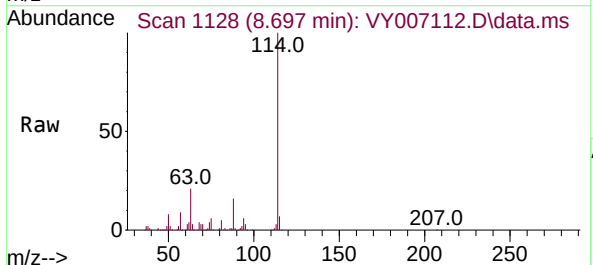
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0111SBL01

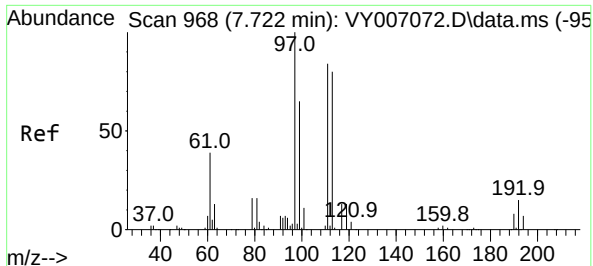
Tgt Ion: 65 Resp: 80147
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. -0.000 min
 Lab File: VY007112.D
 Acq: 11 Jan 2022 12:41

Tgt Ion:114 Resp: 240209
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 39.2
 88 16.1 0.0 31.0

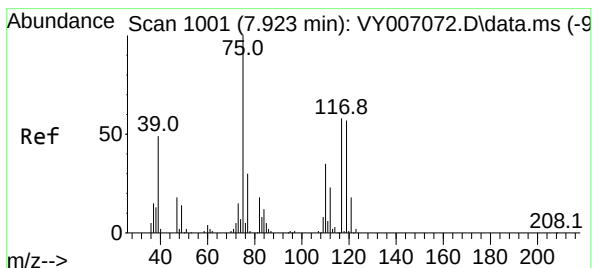
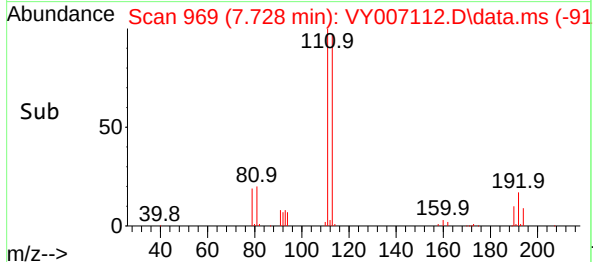
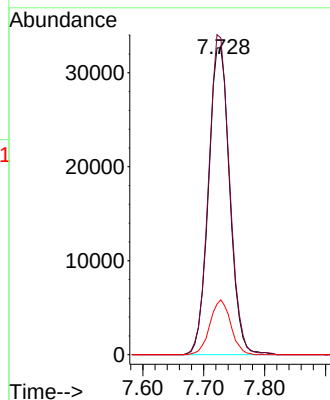
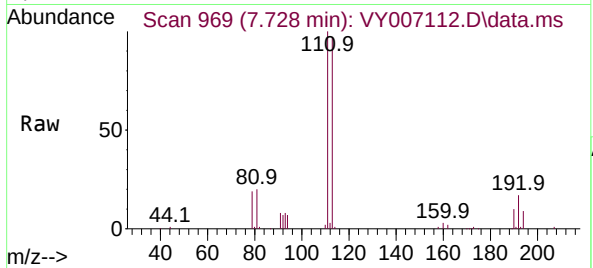




#35
Dibromofluoromethane
Concen: 49.509 ug/l
RT: 7.728 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007112.D
Acq: 11 Jan 2022 12:41

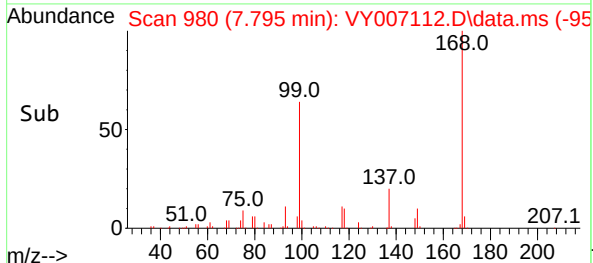
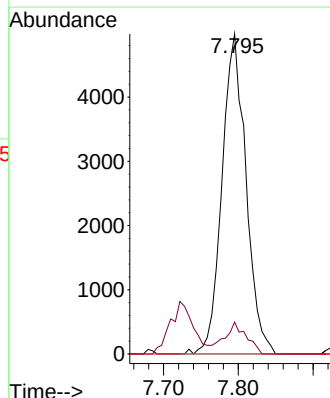
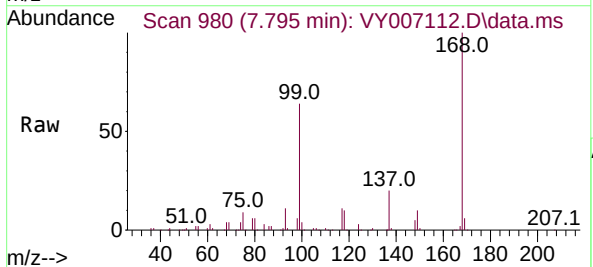
Instrument :
MSVOA_Y
ClientSampleId :
VY0111SBL01

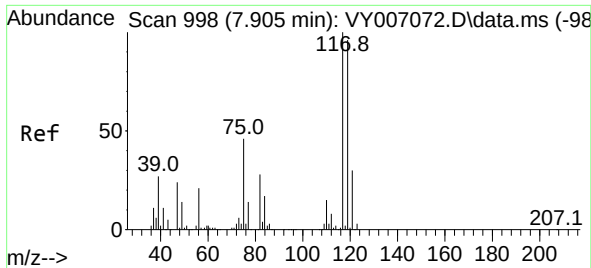
Tgt Ion:113 Resp: 79261
Ion Ratio Lower Upper
113 100
111 103.0 82.2 123.4
192 17.4 14.2 21.4



#36
1,1-Dichloropropene
Concen: 4.385 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY007112.D
Acq: 11 Jan 2022 12:41

Tgt Ion: 75 Resp: 11125
Ion Ratio Lower Upper
75 100
110 8.9 17.3 51.9#
77 0.0 24.7 37.1#

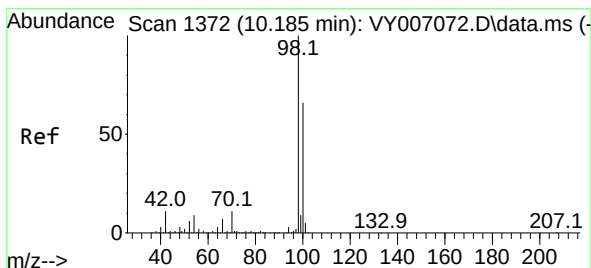
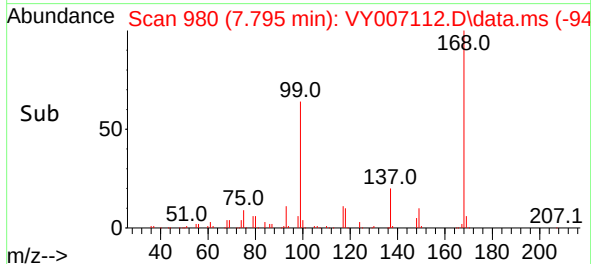
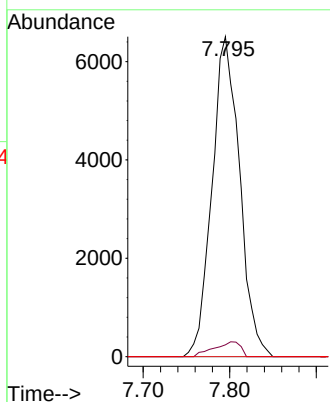
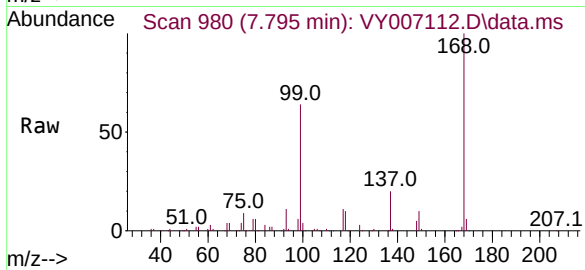




#38
Carbon Tetrachloride
Concen: 5.428 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY007112.D
Acq: 11 Jan 2022 12:41

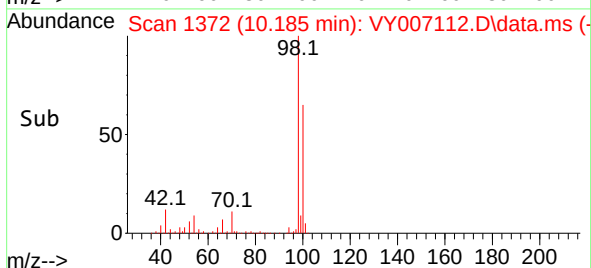
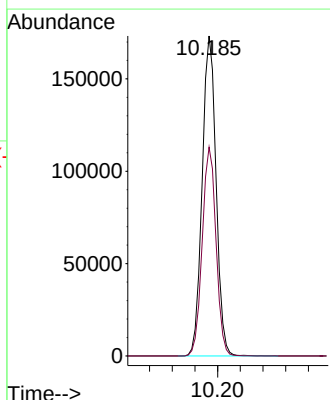
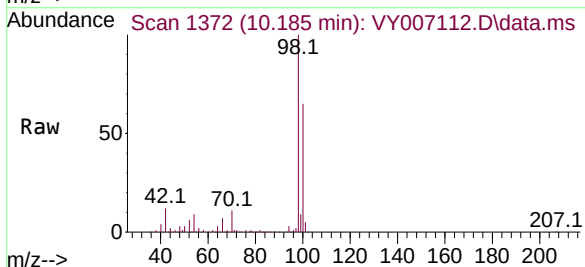
Instrument :
MSVOA_Y
ClientSampleId :
VY0111SBL01

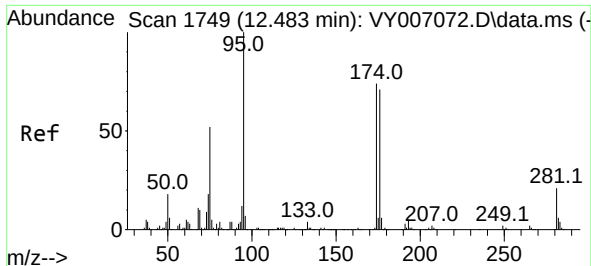
Tgt Ion:117 Resp: 14388
Ion Ratio Lower Upper
117 100
119 3.7 77.2 115.8#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 49.984 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY007112.D
Acq: 11 Jan 2022 12:41

Tgt Ion: 98 Resp: 295579
Ion Ratio Lower Upper
98 100
100 64.8 52.2 78.2

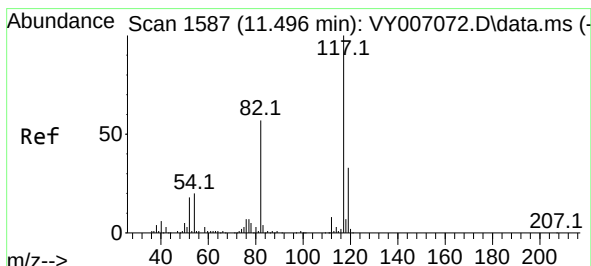
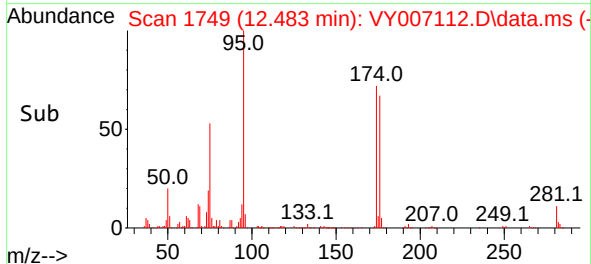
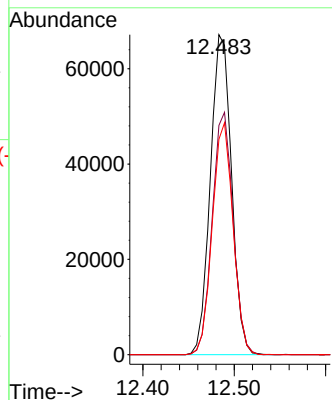
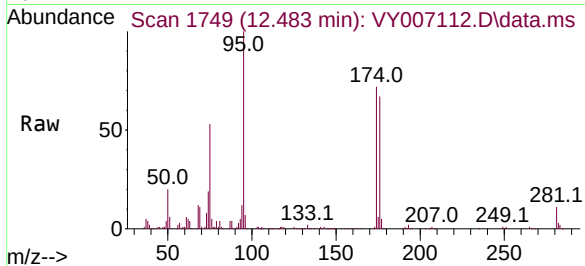




#62
4-Bromofluorobenzene
Concen: 50.546 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY007112.D
Acq: 11 Jan 2022 12:41

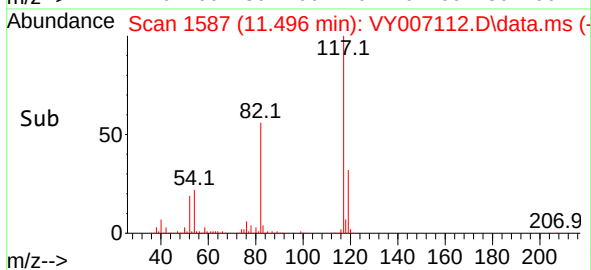
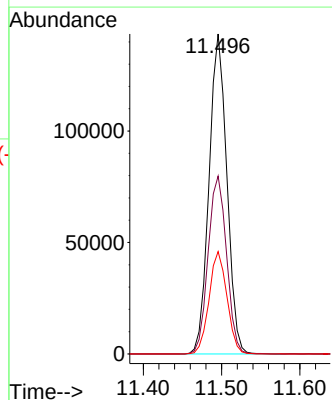
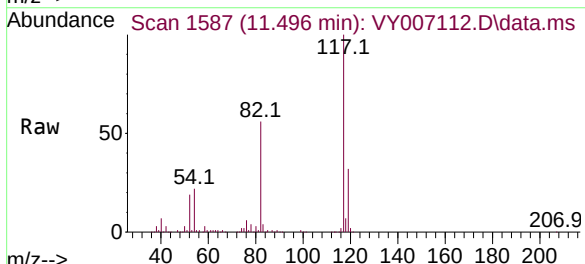
Instrument :
MSVOA_Y
ClientSampleId :
VY0111SBL01

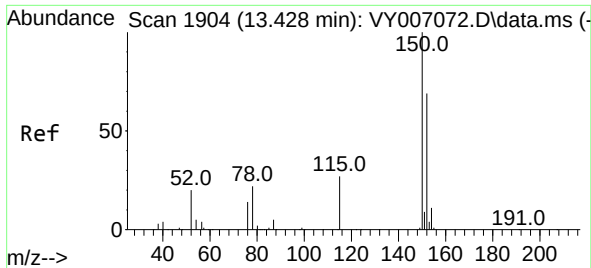
Tgt Ion: 95 Resp: 107801
Ion Ratio Lower Upper
95 100
174 74.8 0.0 148.4
176 71.3 0.0 146.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY007112.D
Acq: 11 Jan 2022 12:41

Tgt Ion: 117 Resp: 226491
Ion Ratio Lower Upper
117 100
82 55.6 45.4 68.0
119 32.0 26.4 39.6

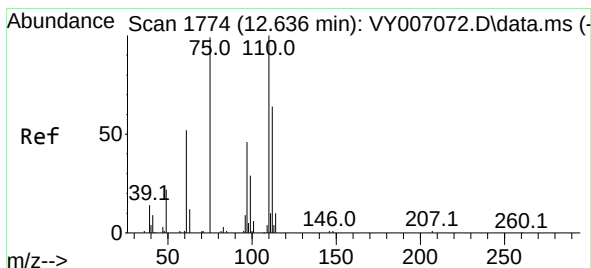
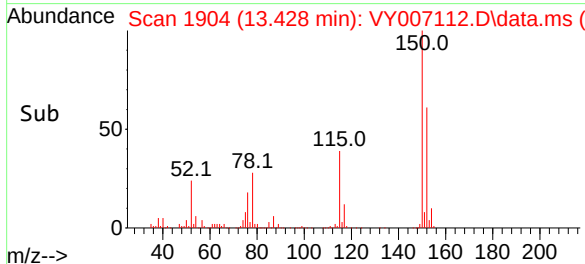
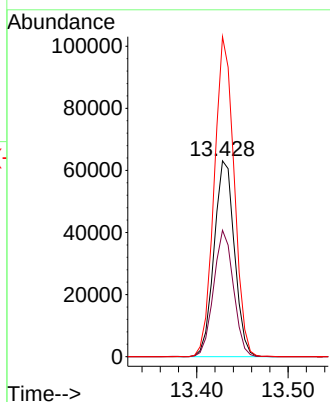
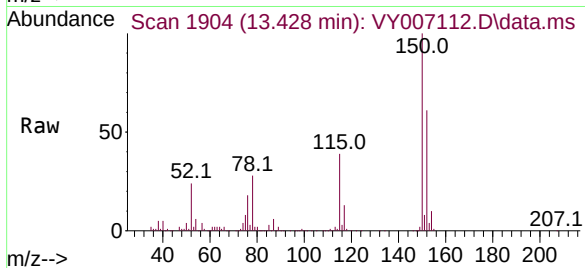




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY007112.D
 Acq: 11 Jan 2022 12:41

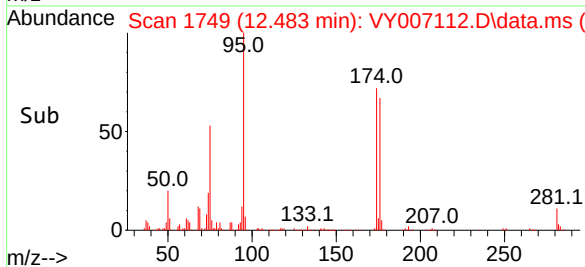
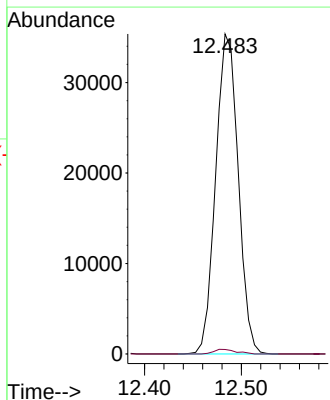
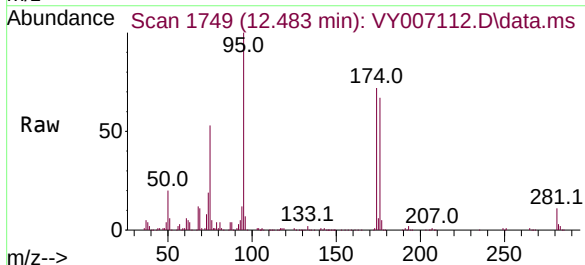
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0111SBL01

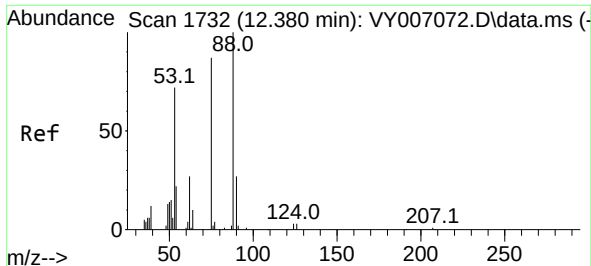
Tgt Ion:152 Resp: 97553
 Ion Ratio Lower Upper
 152 100
 115 62.7 31.4 94.0
 150 159.6 0.0 348.4



#76
 1,2,3-Trichloropropane
 Concen: 51.328 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY007112.D
 Acq: 11 Jan 2022 12:41

Tgt Ion: 75 Resp: 57147
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#

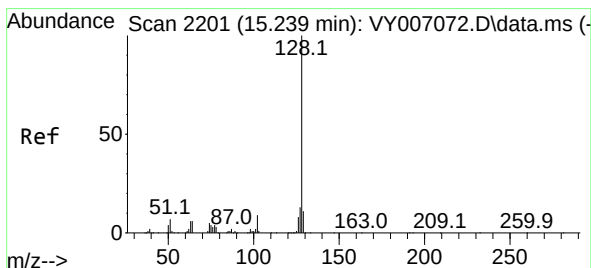
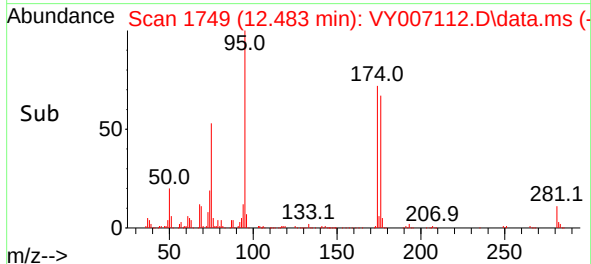
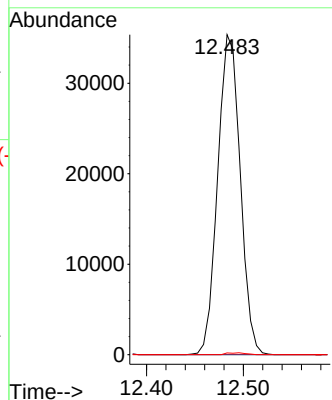
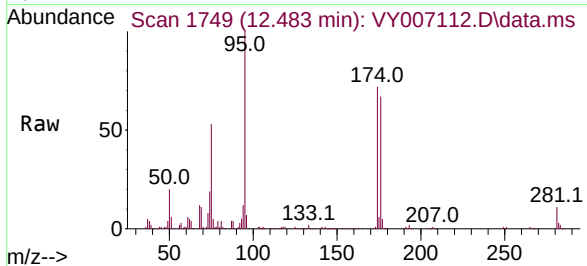




#81
 trans-1,4-Dichloro-2-butene
 Concen: 96.408 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY007112.D
 Acq: 11 Jan 2022 12:41

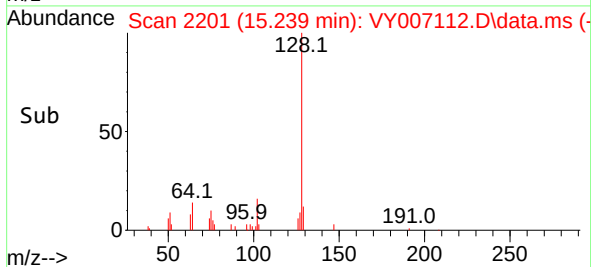
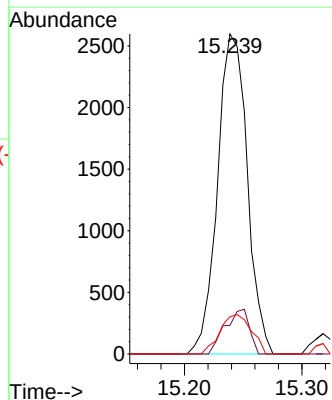
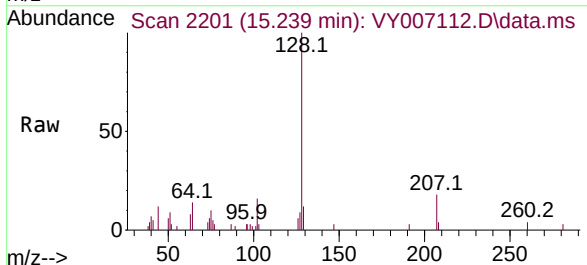
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0111SBL01

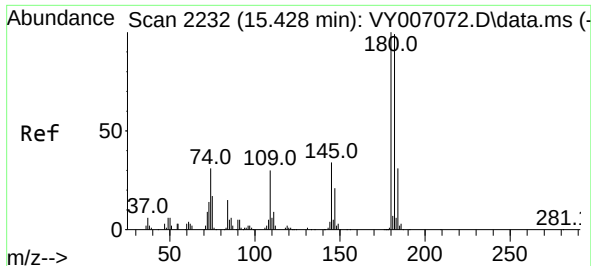
Tgt Ion: 75 Resp: 57147
 Ion Ratio Lower Upper
 75 100
 53 0.0 73.9 110.9#
 89 0.5 0.0 0.0#



#95
 Naphthalene
 Concen: 1.183 ug/l
 RT: 15.239 min Scan# 2201
 Delta R.T. -0.000 min
 Lab File: VY007112.D
 Acq: 11 Jan 2022 12:41

Tgt Ion: 128 Resp: 4572
 Ion Ratio Lower Upper
 128 100
 127 11.4 10.3 15.5
 129 12.9 8.9 13.3





#96

1,2,3-Trichlorobenzene

Concen: 1.156 ug/l

RT: 15.434 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY007112.D

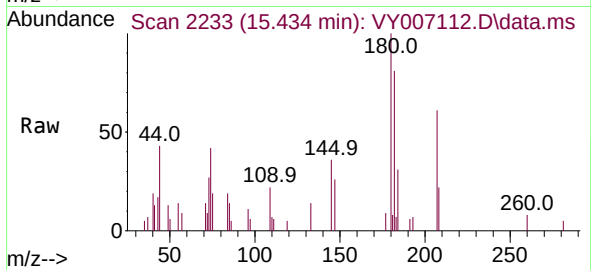
Acq: 11 Jan 2022 12:41

Instrument :

MSVOA_Y

ClientSampleId :

VY0111SBL01



Tgt Ion:180 Resp: 1797

Ion Ratio Lower Upper

180 100

182 91.0 47.3 141.8

145 36.8 17.2 51.5

