

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102122\
 Data File : VY011056.D
 Acq On : 21 Oct 2022 17:23
 Operator : KP/MD
 Sample : N5217-05RE
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-G1-3.5-4.0RE

Quant Time: Oct 22 01:24:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101722S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 18 01:42:42 2022
 Response via : Initial Calibration

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

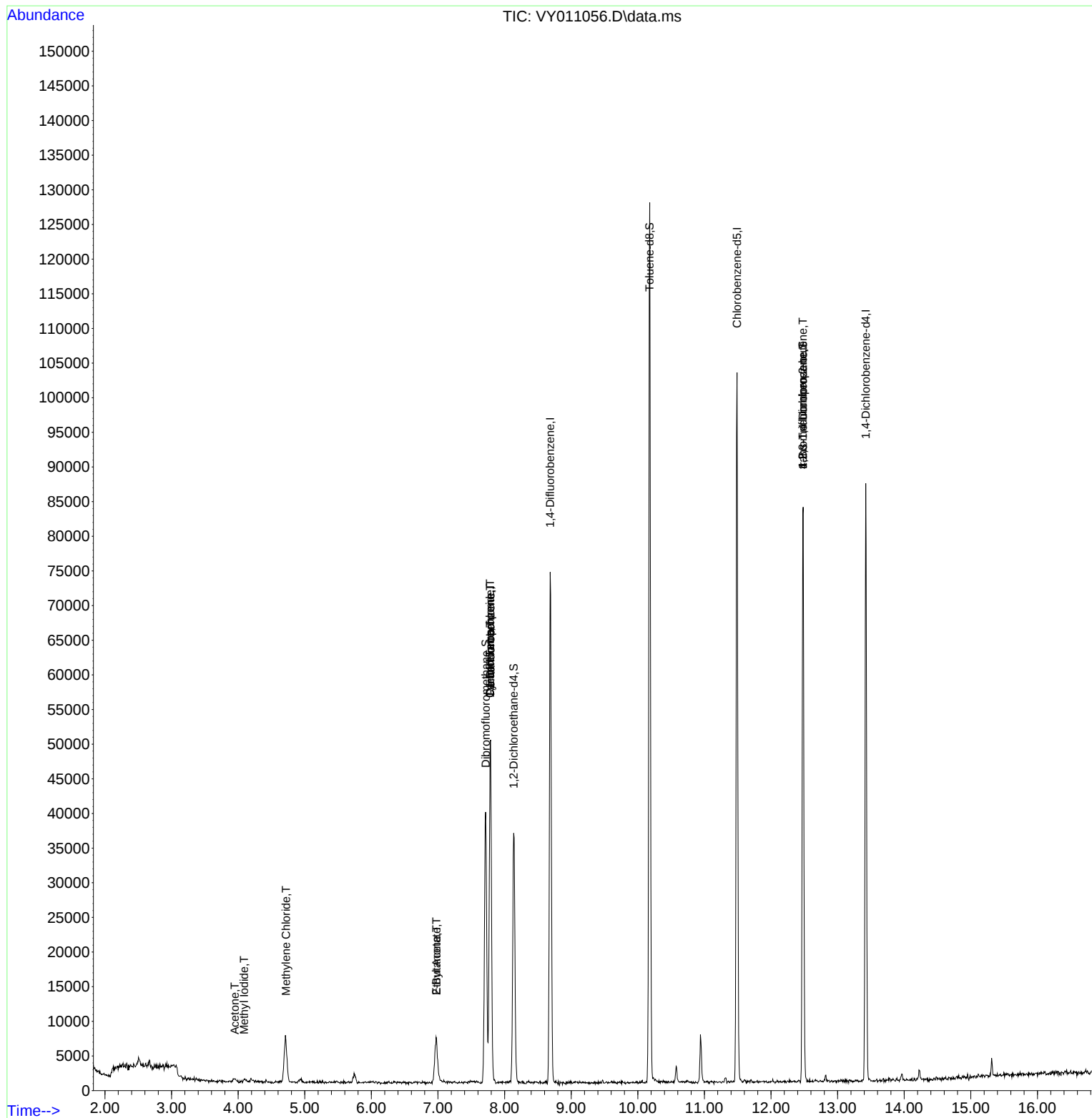
Internal Standards						
1) Pentafluorobenzene	7.789	168	39519	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	64735	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	58174	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	22942	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	28549	78.425	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 156.860%			
35) Dibromofluoromethane	7.716	113	28531	80.375	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 160.760%#			
50) Toluene-d8	10.179	98	84875	62.793	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 125.580%			
62) 4-Bromofluorobenzene	12.477	95	26417	55.512	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 111.020%			
Target Compounds			Qvalue			
10) Methyl Iodide	4.088	142	549	1.146	ug/l #	65
11) Tert butyl alcohol	4.936	59	540	Below Cal	#	77
16) Acetone	3.948	43	1050	9.933	ug/l	96
18) Methyl Acetate	4.204	43	149	Below Cal	#	56
20) Methylene Chloride	4.716	84	5185	5.651	ug/l #	81
25) 2-Butanone	6.978	43	510	3.181	ug/l #	54
31) Cyclohexane	7.783	56	749	1.075	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	3143	5.216	ug/l #	48
37) Ethyl Acetate	6.978	43	510	1.529	ug/l #	65
38) Carbon Tetrachloride	7.783	117	3893	6.258	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	13271	50.951	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	13271	109.582	ug/l #	7

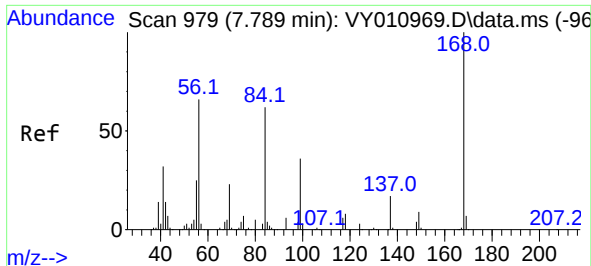
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101212\
Data File : VY011056.D
Acq On : 21 Oct 2022 17:23
Operator : KP/MD
Sample : N5217-05RE
Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-G1-3.5-4.0RE

Quant Time: Oct 22 01:24:13 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101722S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 18 01:42:42 2022
Response via : Initial Calibration

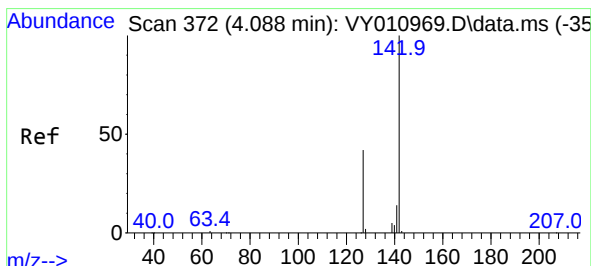
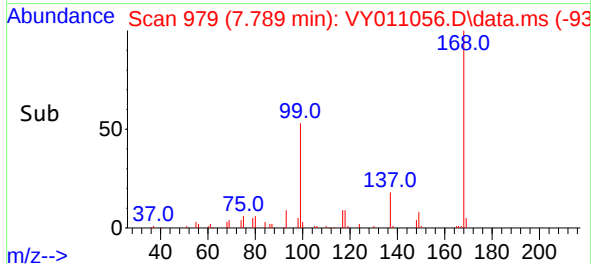
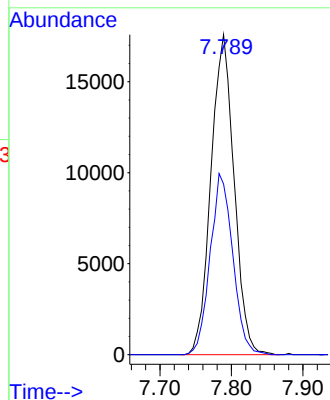
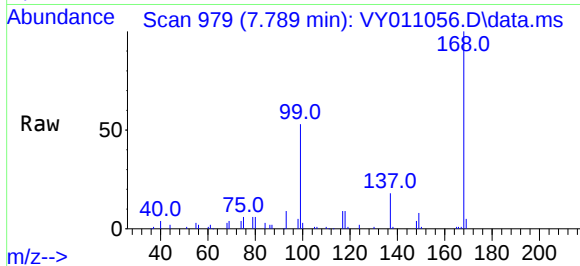




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011056.D
Acq: 21 Oct 2022 17:23

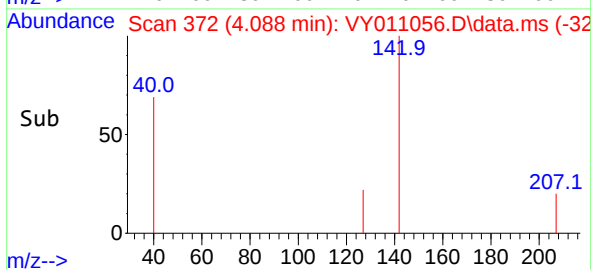
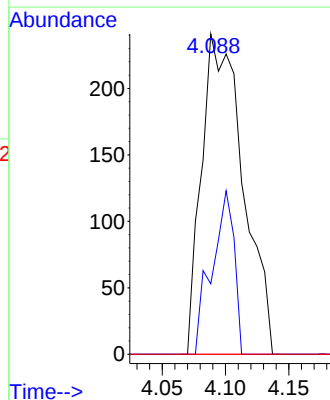
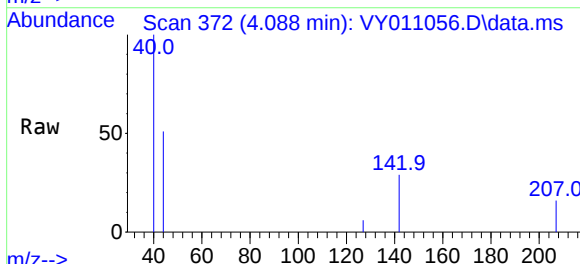
Instrument :
MSVOA_Y
ClientSampleId :
SB-G1-3.5-4.0RE

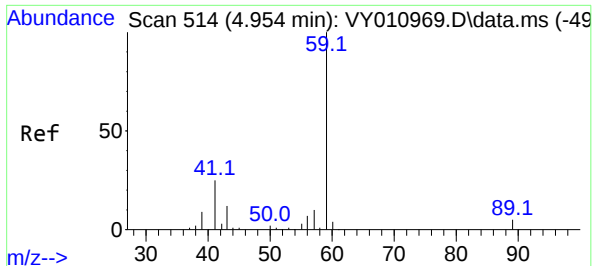
Tgt Ion:168 Resp: 39519
Ion Ratio Lower Upper
168 100
99 53.3 46.9 70.3



#10
Methyl Iodide
Concen: 1.146 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.000 min
Lab File: VY011056.D
Acq: 21 Oct 2022 17:23

Tgt Ion:142 Resp: 549
Ion Ratio Lower Upper
142 100
127 27.5 41.5 62.3#
141 0.0 11.9 17.9#

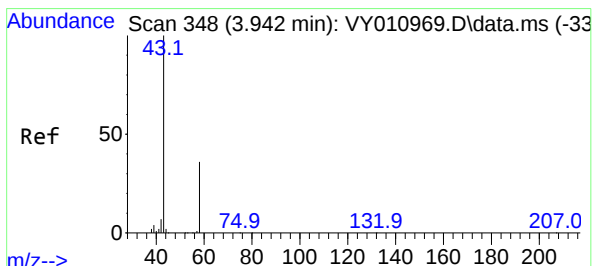
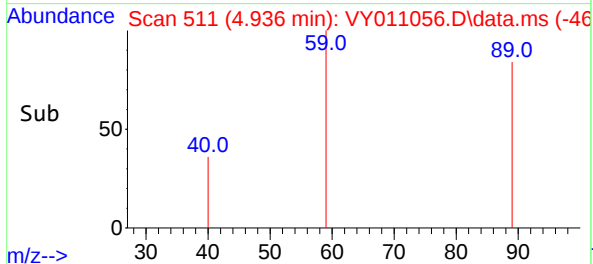
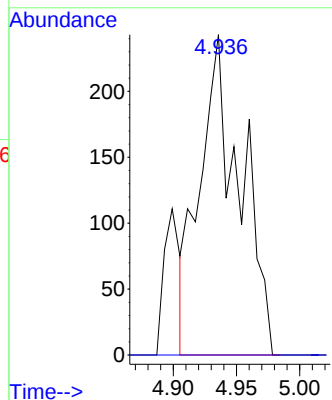
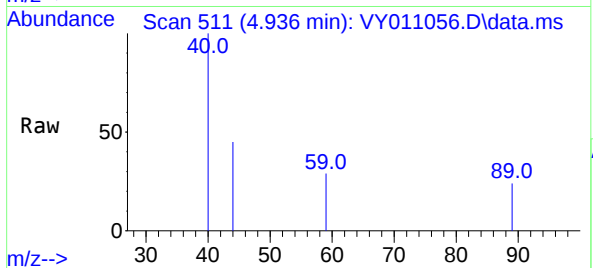




#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.936 min Scan# 511
Delta R.T. -0.018 min
Lab File: VY011056.D
Acq: 21 Oct 2022 17:23

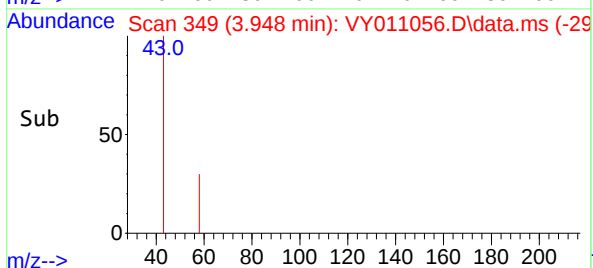
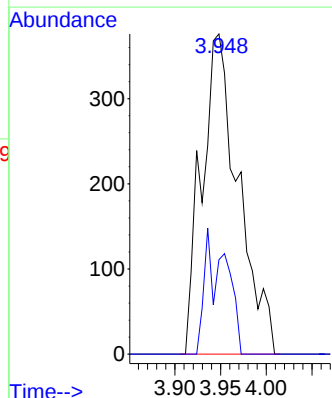
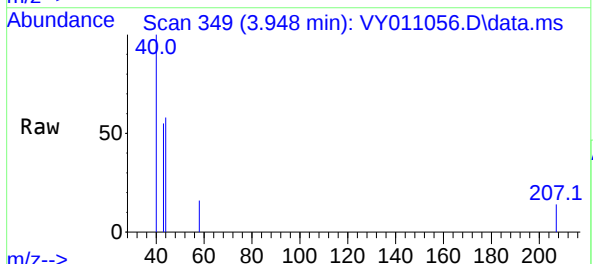
Instrument :
MSVOA_Y
ClientSampleId :
SB-G1-3.5-4.0RE

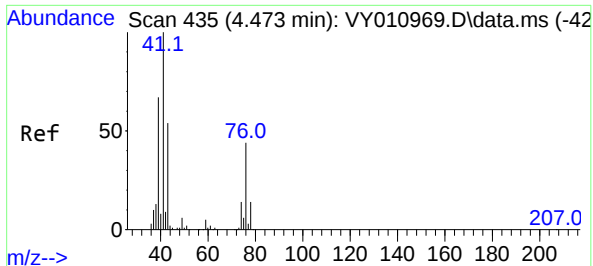
Tgt Ion: 59 Resp: 540
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#



#16
Acetone
Concen: 9.933 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY011056.D
Acq: 21 Oct 2022 17:23

Tgt Ion: 43 Resp: 1050
Ion Ratio Lower Upper
43 100
58 29.5 22.0 33.0

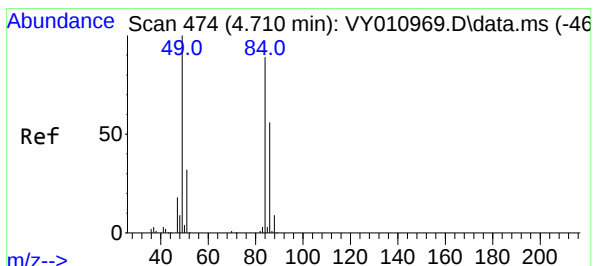
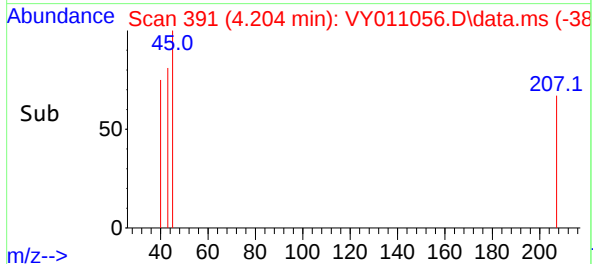
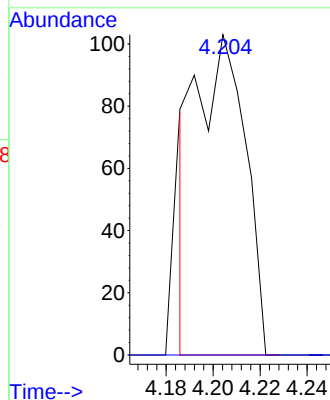
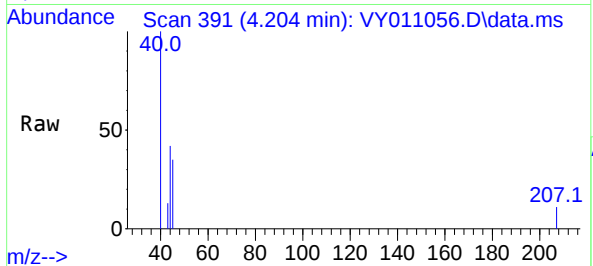




#18
Methyl Acetate
Concen: Below Cal
RT: 4.204 min Scan# 391
Delta R.T. -0.269 min
Lab File: VY011056.D
Acq: 21 Oct 2022 17:23

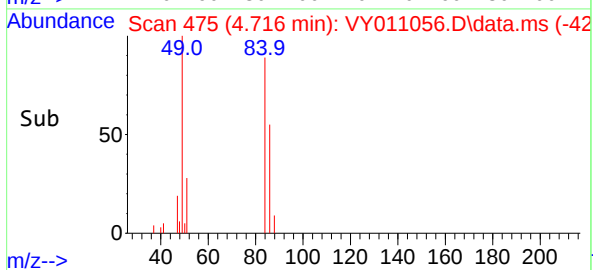
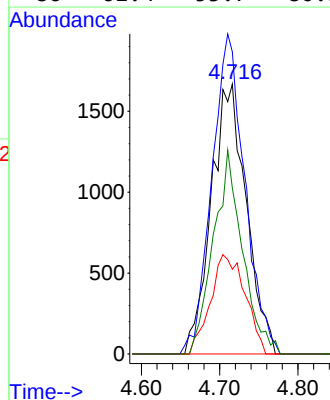
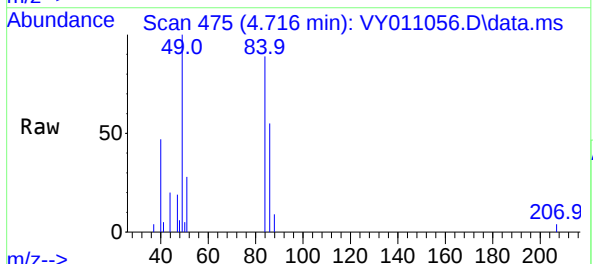
Instrument :
MSVOA_Y
ClientSampleId :
SB-G1-3.5-4.0RE

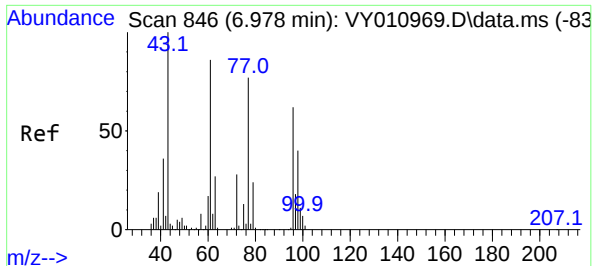
Tgt Ion: 43 Resp: 149
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



#20
Methylene Chloride
Concen: 5.651 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY011056.D
Acq: 21 Oct 2022 17:23

Tgt Ion: 84 Resp: 5185
Ion Ratio Lower Upper
84 100
49 111.9 114.4 171.6#
51 31.3 35.3 52.9#
86 61.4 53.7 80.5





#25

2-Butanone

Concen: 3.181 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY011056.D

Acq: 21 Oct 2022 17:23

Instrument :

MSVOA_Y

ClientSampleId :

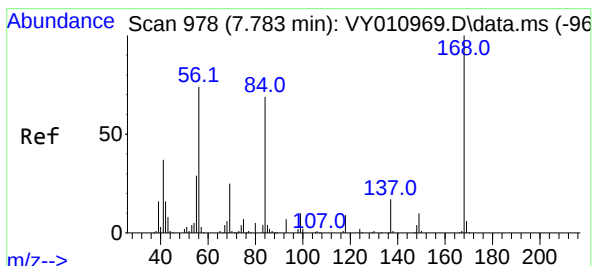
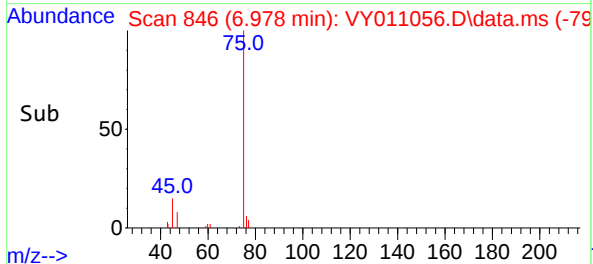
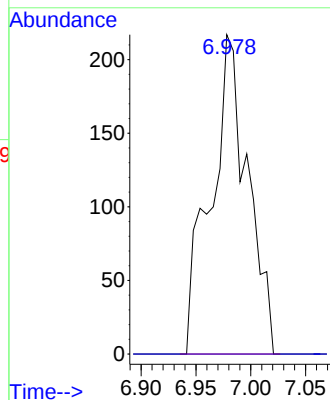
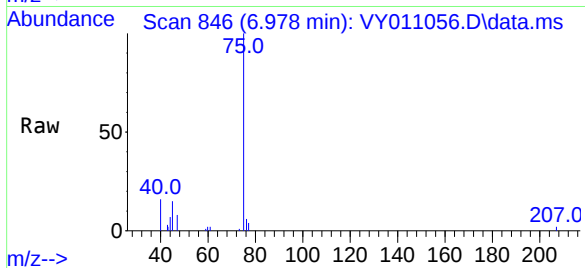
SB-G1-3.5-4.0RE

Tgt Ion: 43 Resp: 510

Ion Ratio Lower Upper

43 100

72 0.0 17.7 26.5#



#31

Cyclohexane

Concen: 1.075 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.000 min

Lab File: VY011056.D

Acq: 21 Oct 2022 17:23

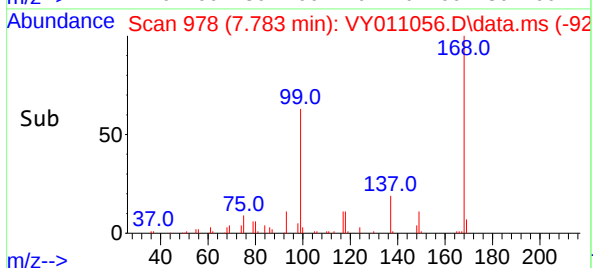
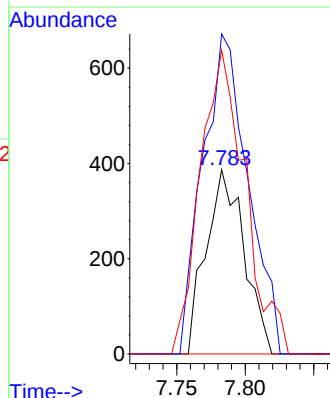
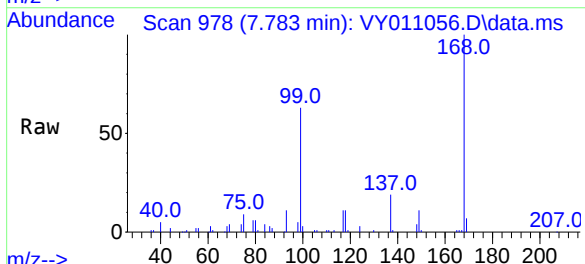
Tgt Ion: 56 Resp: 749

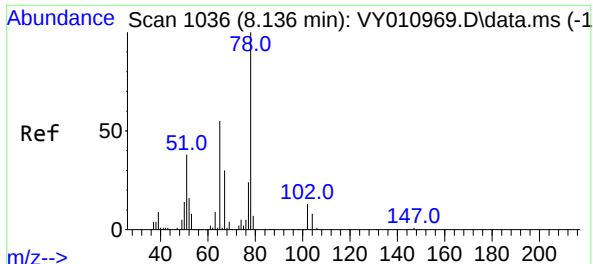
Ion Ratio Lower Upper

56 100

69 173.6 26.7 40.1#

84 146.8 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 78.425 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY011056.D

Acq: 21 Oct 2022 17:23

Instrument :

MSVOA_Y

ClientSampleId :

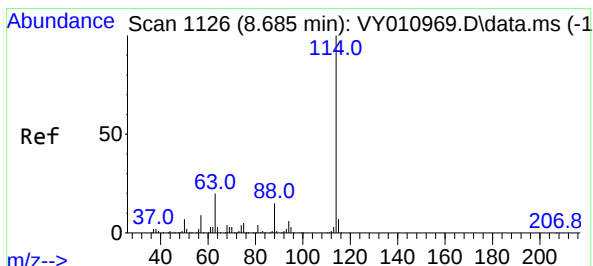
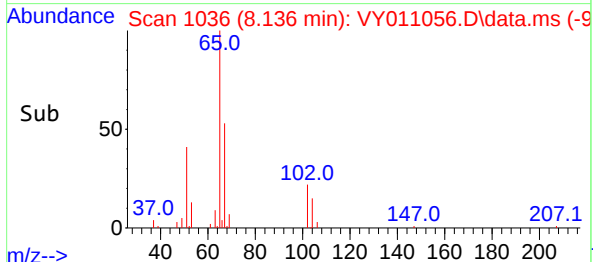
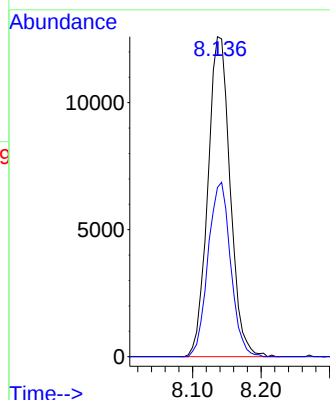
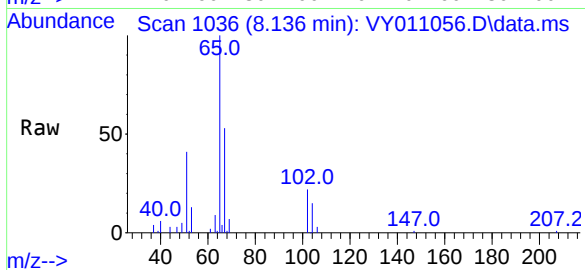
SB-G1-3.5-4.0RE

Tgt Ion: 65 Resp: 28549

Ion Ratio Lower Upper

65 100

67 55.0 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY011056.D

Acq: 21 Oct 2022 17:23

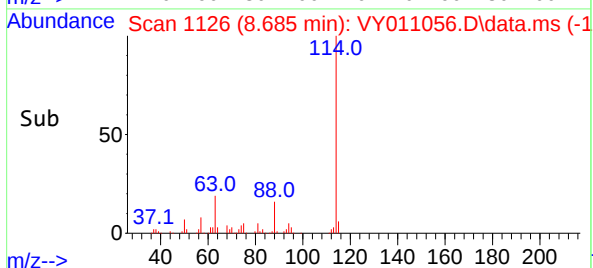
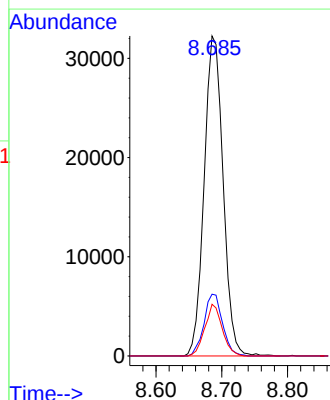
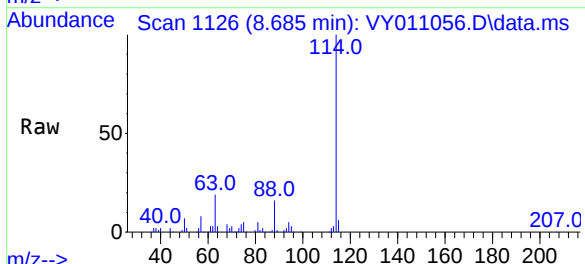
Tgt Ion: 114 Resp: 64735

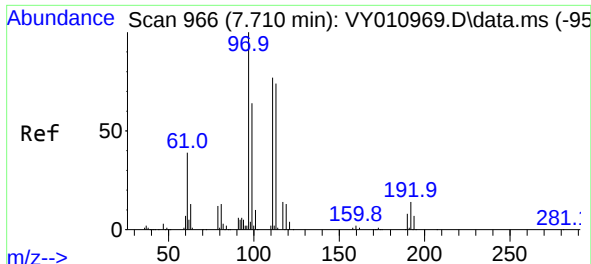
Ion Ratio Lower Upper

114 100

63 19.3 0.0 43.2

88 16.1 0.0 31.8

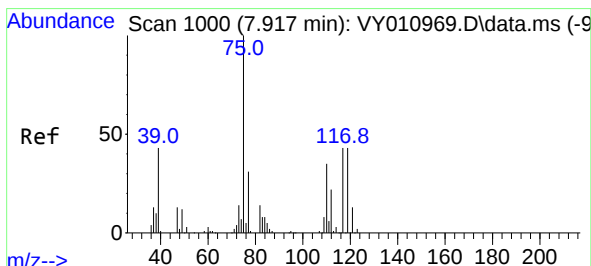
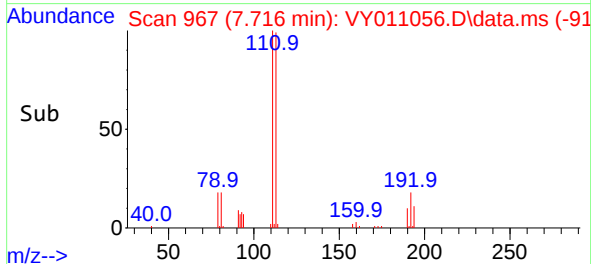
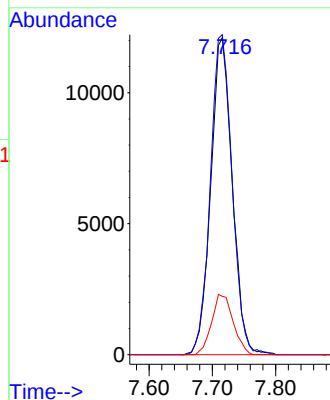
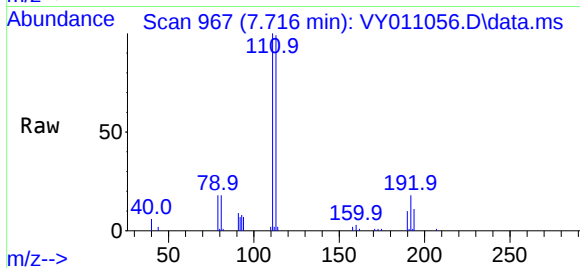




#35
Dibromofluoromethane
Concen: 80.375 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY011056.D
Acq: 21 Oct 2022 17:23

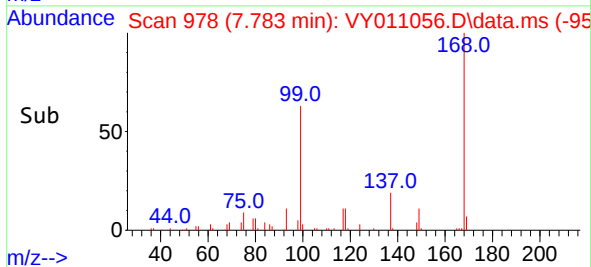
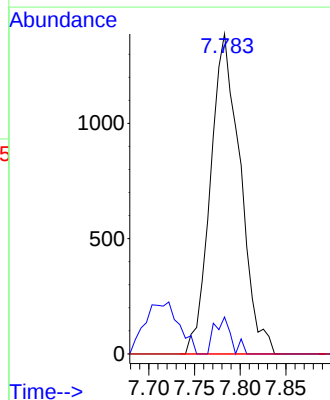
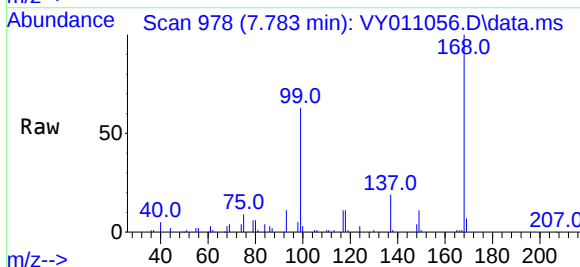
Instrument :
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SB-G1-3.5-4.0RE

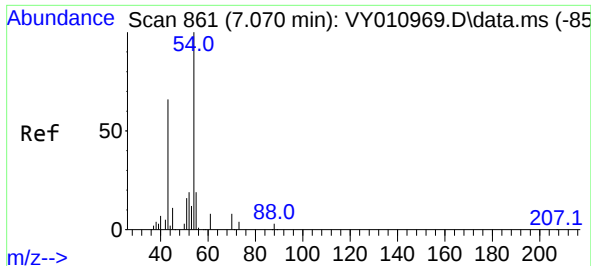
Tgt Ion:113 Resp: 28531
Ion Ratio Lower Upper
113 100
111 102.2 82.6 124.0
192 19.0 17.6 26.4



#36
1,1-Dichloropropene
Concen: 5.216 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY011056.D
Acq: 21 Oct 2022 17:23

Tgt Ion: 75 Resp: 3143
Ion Ratio Lower Upper
75 100
110 6.5 17.1 51.2#
77 0.0 24.4 36.6#





#37

Ethyl Acetate

Concen: 1.529 ug/l

RT: 6.978 min Scan# 84

Delta R.T. -0.092 min

Lab File: VY011056.D

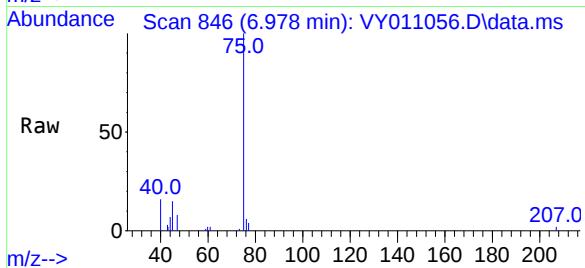
Acq: 21 Oct 2022 17:23

Instrument :

MSVOA_Y

ClientSampleId :

SB-G1-3.5-4.0RE



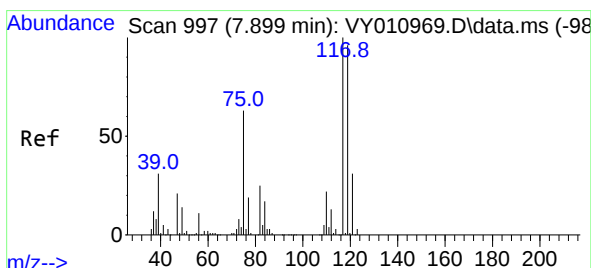
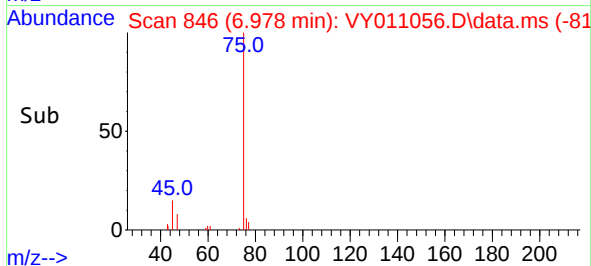
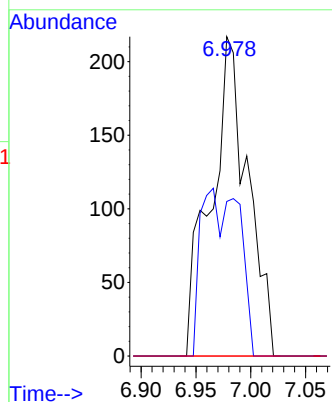
Tgt Ion: 43 Resp: 510

Ion Ratio Lower Upper

43 100

61 28.8 9.7 14.5#

70 0.0 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 6.258 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.116 min

Lab File: VY011056.D

Acq: 21 Oct 2022 17:23

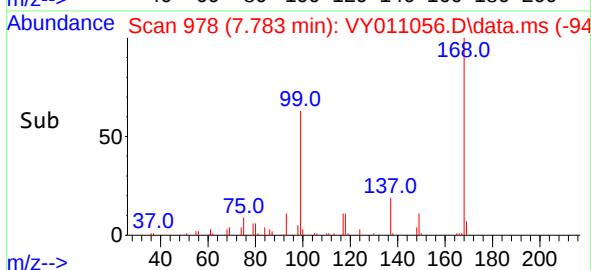
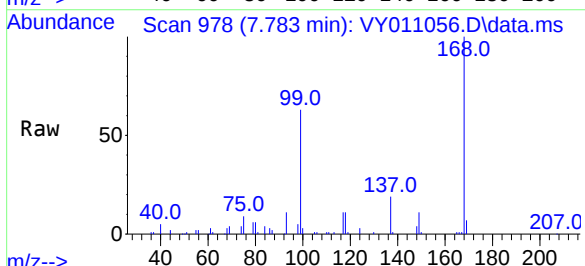
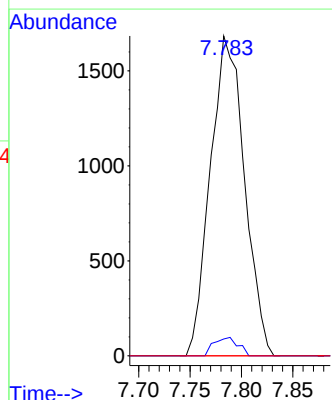
Tgt Ion: 117 Resp: 3893

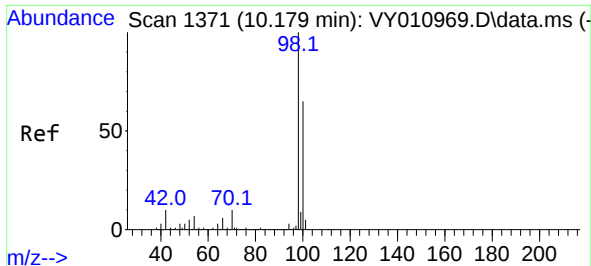
Ion Ratio Lower Upper

117 100

119 5.3 77.9 116.9#

121 0.0 24.8 37.2#

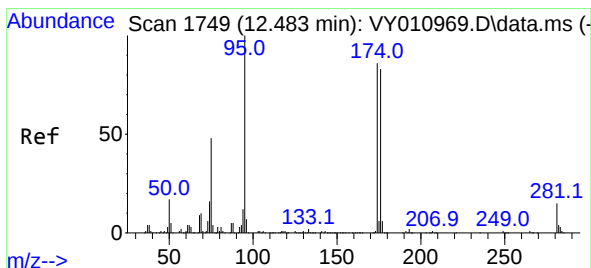
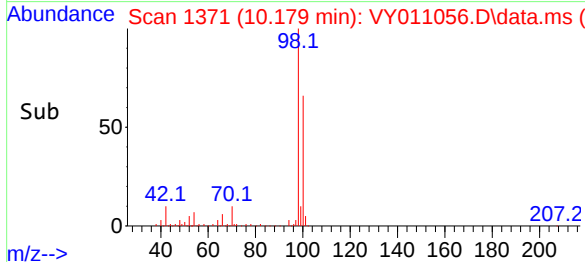
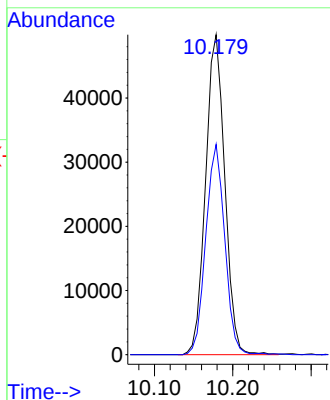
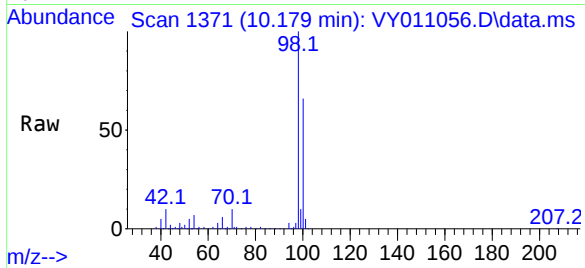




#50
Toluene-d8
Concen: 62.793 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011056.D
Acq: 21 Oct 2022 17:23

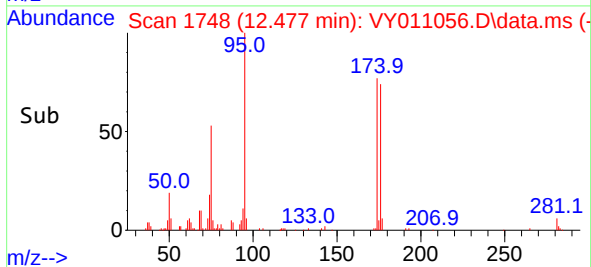
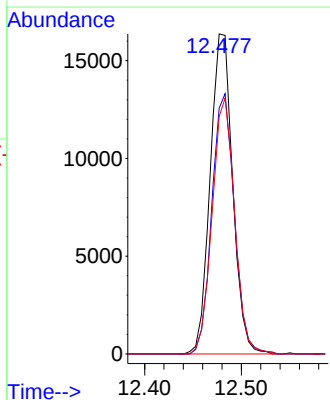
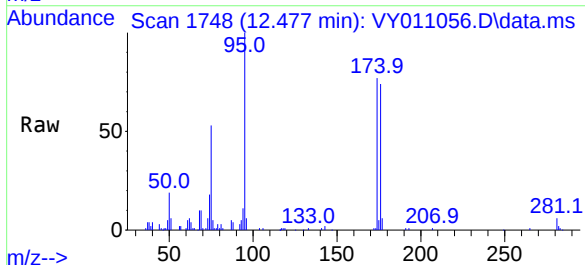
Instrument :
MSVOA_Y
ClientSampleId :
SB-G1-3.5-4.0RE

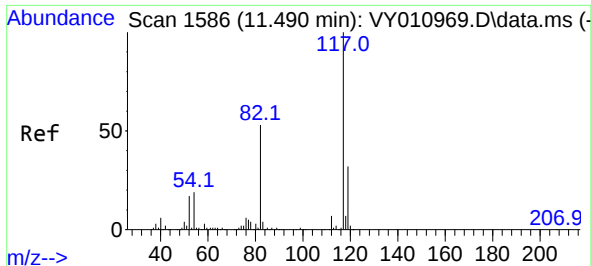
Tgt Ion: 98 Resp: 84875
Ion Ratio Lower Upper
98 100
100 65.1 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 55.512 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY011056.D
Acq: 21 Oct 2022 17:23

Tgt Ion: 95 Resp: 26417
Ion Ratio Lower Upper
95 100
174 81.3 0.0 177.0
176 79.6 0.0 175.8

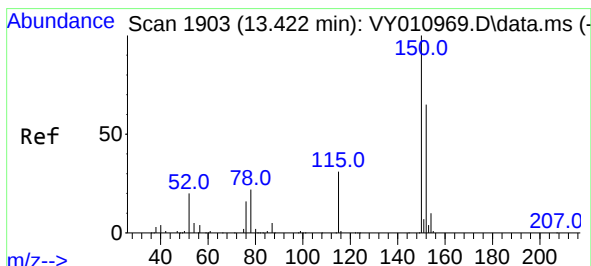
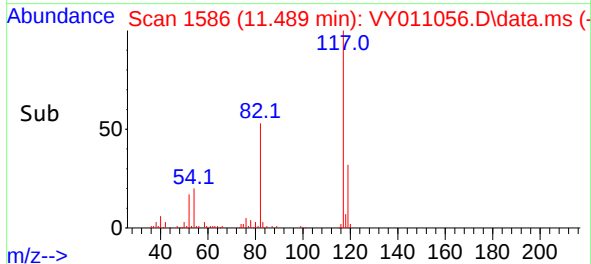
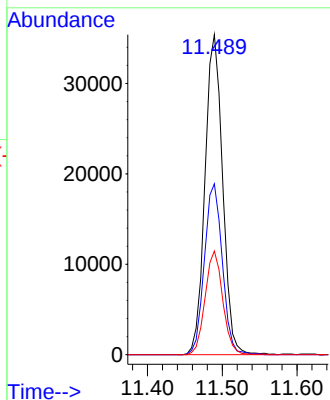
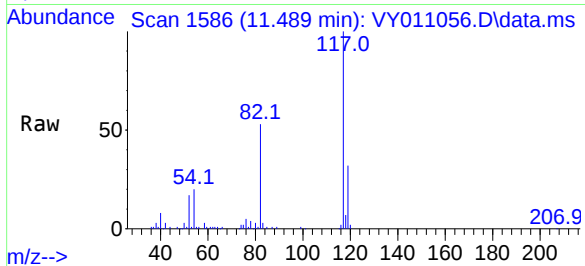




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY011056.D
Acq: 21 Oct 2022 17:23

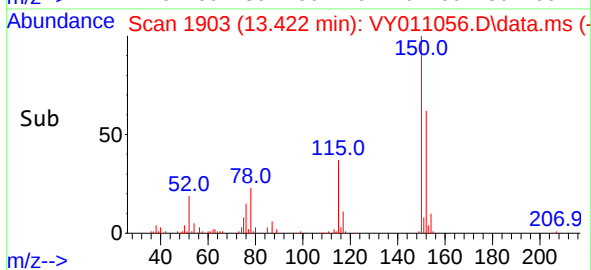
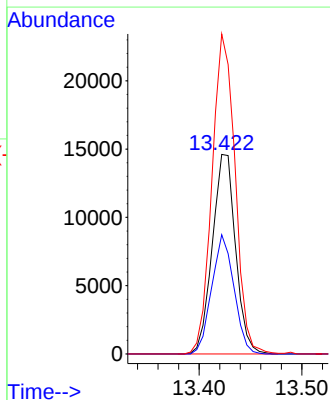
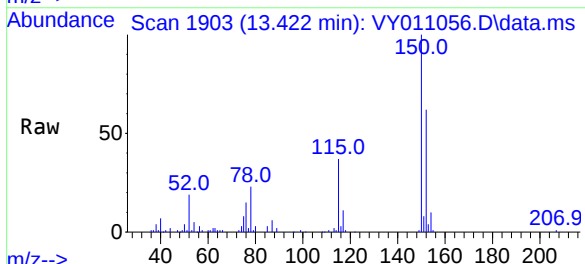
Instrument :
MSVOA_Y
ClientSampleId :
SB-G1-3.5-4.0RE

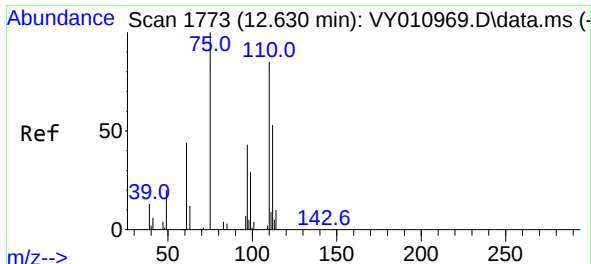
Tgt Ion:117	Resp:	58174
Ion	Ratio	Lower Upper
117	100	
82	53.4	43.0 64.4
119	32.4	25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY011056.D
Acq: 21 Oct 2022 17:23

Tgt Ion:152	Resp:	22942
Ion	Ratio	Lower Upper
152	100	
115	57.0	28.2 84.7
150	159.3	0.0 347.6

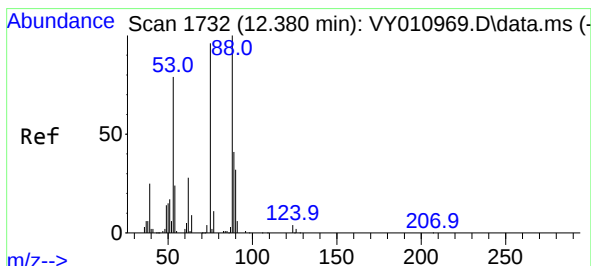
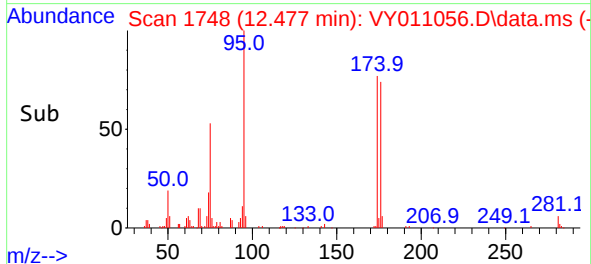
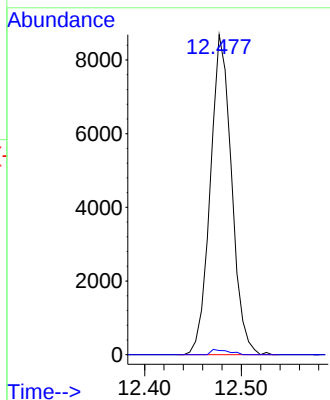
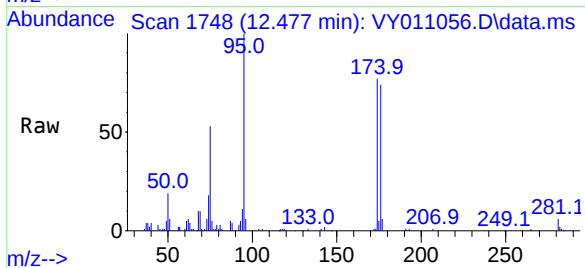




#76
1,2,3-Trichloropropane
Concen: 50.951 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY011056.D
Acq: 21 Oct 2022 17:23

Instrument :
MSVOA_Y
ClientSampleId :
SB-G1-3.5-4.0RE

Tgt Ion: 75 Resp: 13271
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 109.582 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.097 min
Lab File: VY011056.D
Acq: 21 Oct 2022 17:23

Tgt Ion: 75 Resp: 13271
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#

