

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051022\
 Data File : VY008687.D
 Acq On : 10 May 2022 18:07
 Operator : KP/MD
 Sample : N2762-02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB03

Quant Time: May 11 04:33:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050922S.M
 Quant Title : SW846 8260
 QLast Update : Mon May 09 19:21:20 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	7845	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.685	114	13190	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	12447	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	4870	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	4242	63.106	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	126.220%
35) Dibromofluoromethane	7.722	113	4869	59.902	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	119.800%
50) Toluene-d8	10.179	98	15251	53.244	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.480%
62) 4-Bromofluorobenzene	12.483	95	4465	43.328	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	86.660%

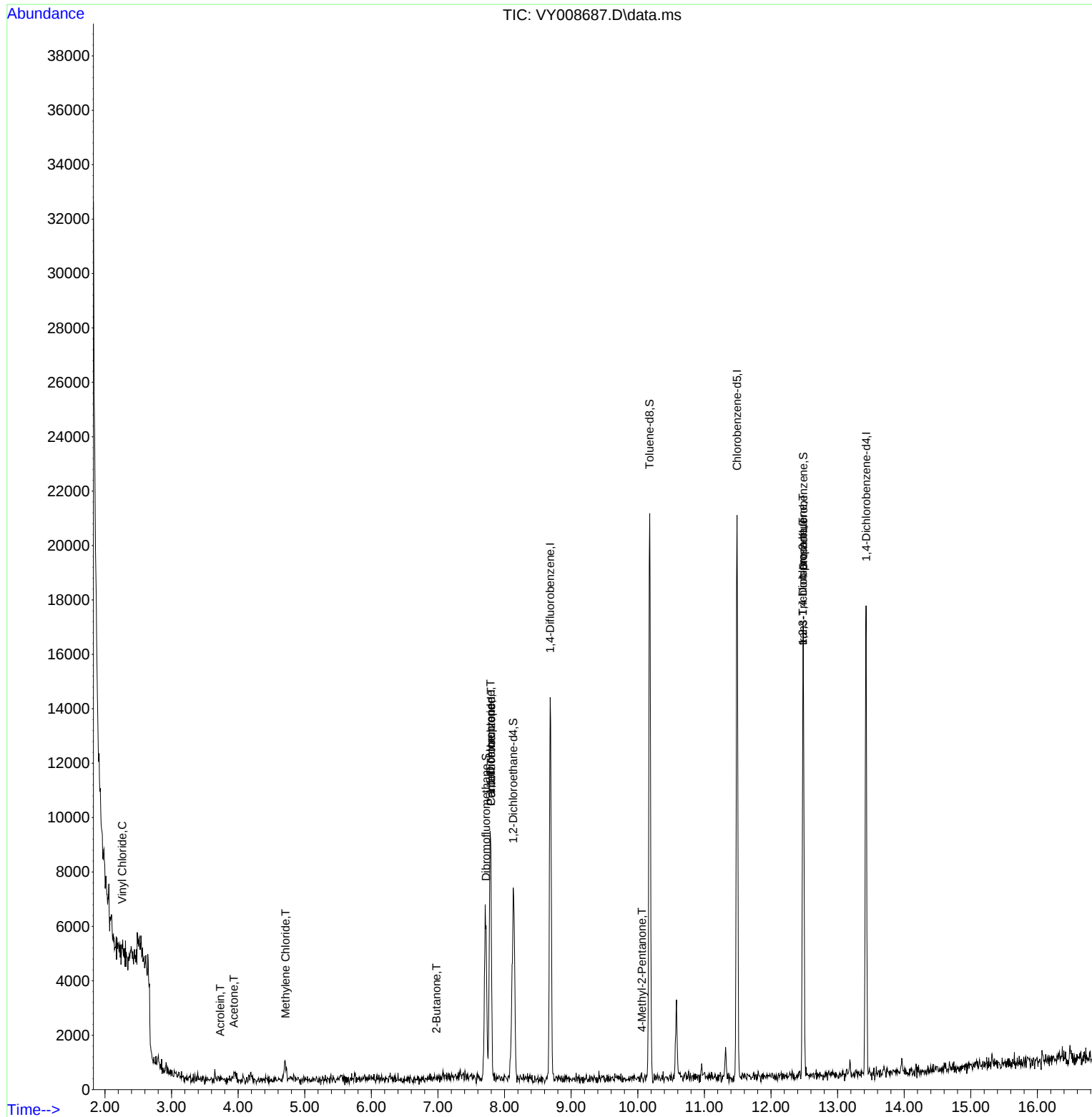
Target Compounds						Qvalue
4) Vinyl Chloride	2.260	62	243	3.792	ug/l	# 43
13) Acrolein	3.729	56	35	5.273	ug/l	# 14
16) Acetone	3.936	43	571	36.005	ug/l	# 47
20) Methylene Chloride	4.710	84	554	5.752	ug/l	# 40
25) 2-Butanone	6.978	43	36	1.381	ug/l	# 54
36) 1,1-Dichloropropene	7.789	75	710	5.437	ug/l	# 42
38) Carbon Tetrachloride	7.795	117	807	6.110	ug/l	# 11
51) 4-Methyl-2-Pentanone	10.063	43	76	1.232	ug/l	# 40
76) 1,2,3-Trichloropropane	12.477	75	2479	45.156	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.477	75	2479	89.841	ug/l	# 7

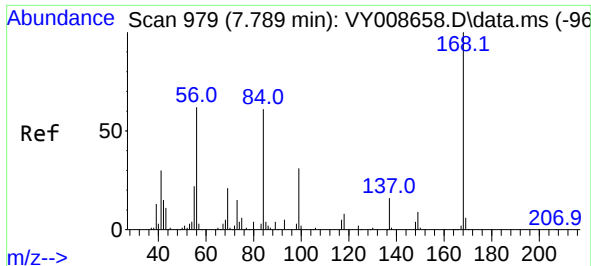
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051022\
Data File : VY008687.D
Acq On : 10 May 2022 18:07
Operator : KP/MD
Sample : N2762-02
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB03

Quant Time: May 11 04:33:34 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050922S.M
Quant Title : SW846 8260
QLast Update : Mon May 09 19:21:20 2022
Response via : Initial Calibration

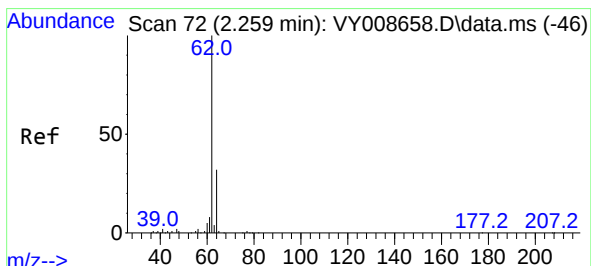
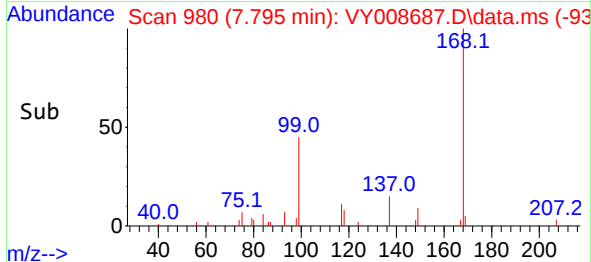
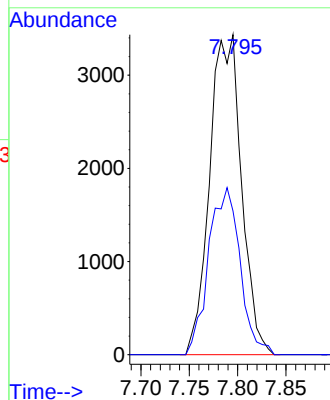
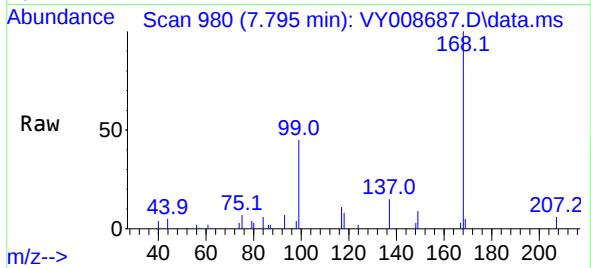




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY008687.D
Acq: 10 May 2022 18:07

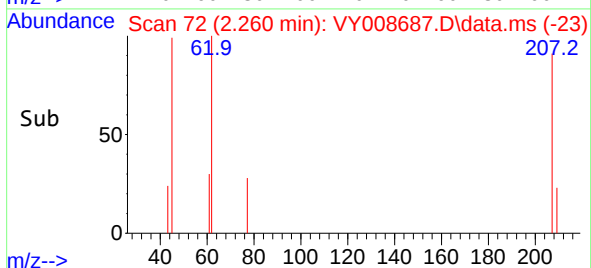
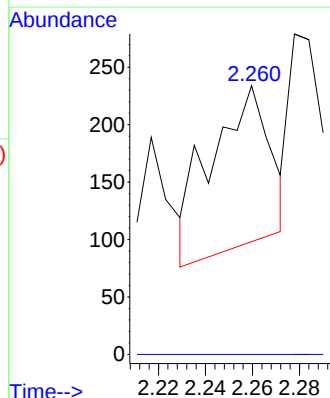
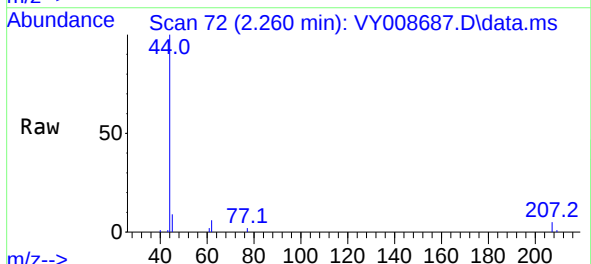
Instrument :
MSVOA_Y
ClientSampleId :
SB03

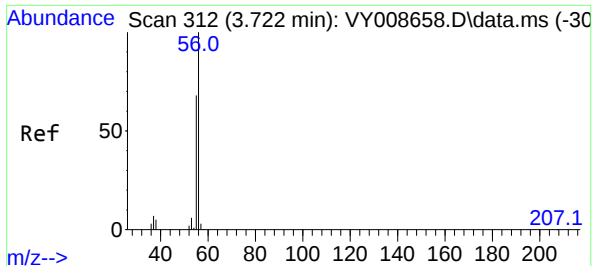
Tgt Ion:168 Resp: 7845
Ion Ratio Lower Upper
168 100
99 44.9 46.9 70.3#



#4
Vinyl Chloride
Concen: 3.792 ug/l
RT: 2.260 min Scan# 72
Delta R.T. 0.001 min
Lab File: VY008687.D
Acq: 10 May 2022 18:07

Tgt Ion: 62 Resp: 243
Ion Ratio Lower Upper
62 100
64 0.0 25.0 37.6#

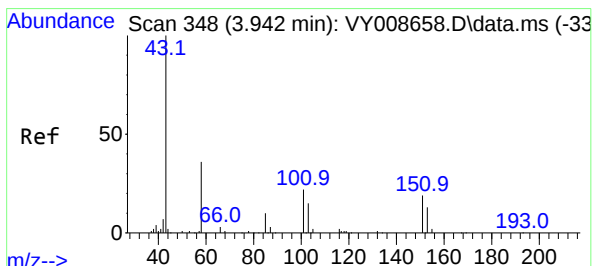
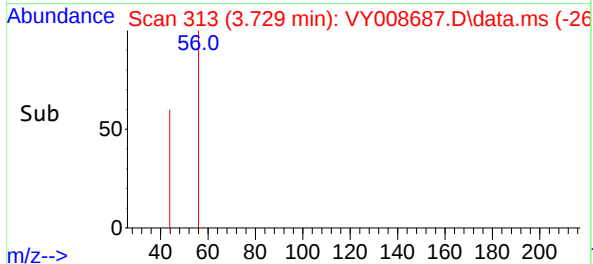
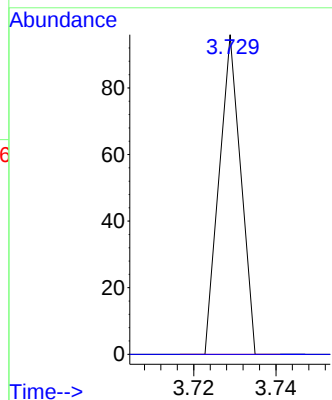
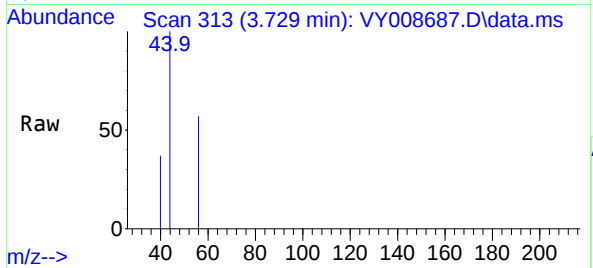




#13
Acrolein
Concen: 5.273 ug/l
RT: 3.729 min Scan# 312
Delta R.T. 0.007 min
Lab File: VY008687.D
Acq: 10 May 2022 18:07

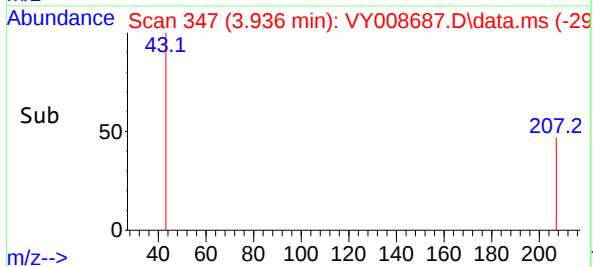
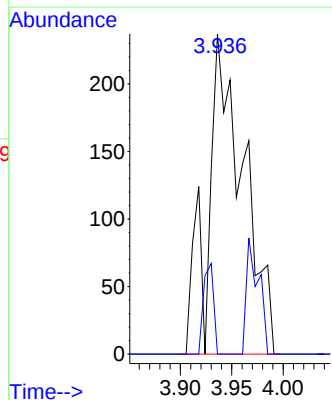
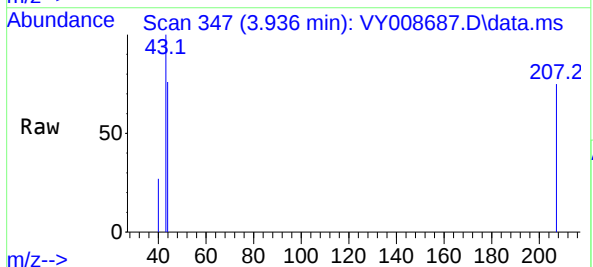
Instrument :
MSVOA_Y
ClientSampleId :
SB03

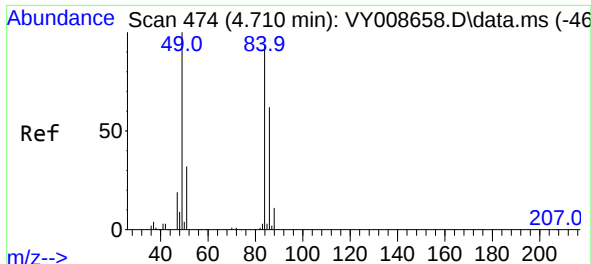
Tgt Ion: 56 Resp: 35
Ion Ratio Lower Upper
56 100
55 0.0 57.6 86.4#



#16
Acetone
Concen: 36.005 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.006 min
Lab File: VY008687.D
Acq: 10 May 2022 18:07

Tgt Ion: 43 Resp: 571
Ion Ratio Lower Upper
43 100
58 0.0 22.0 33.0#

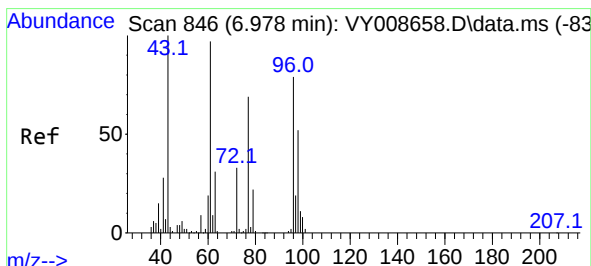
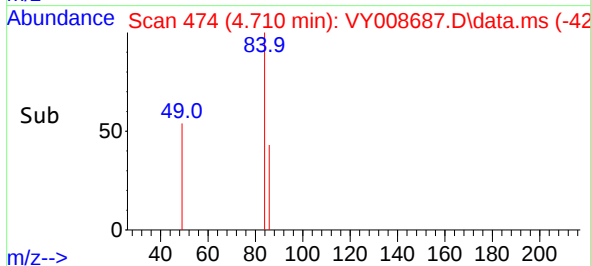
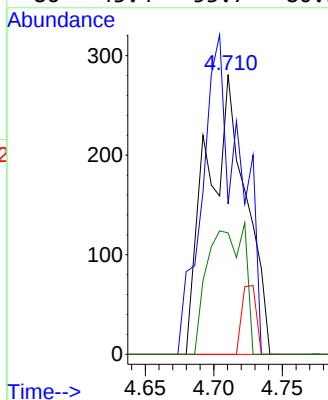
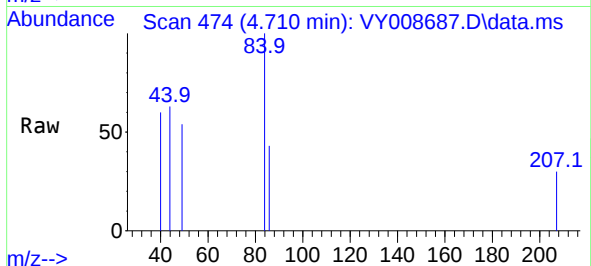




#20
Methylene Chloride
Concen: 5.752 ug/l
RT: 4.710 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY008687.D
Acq: 10 May 2022 18:07

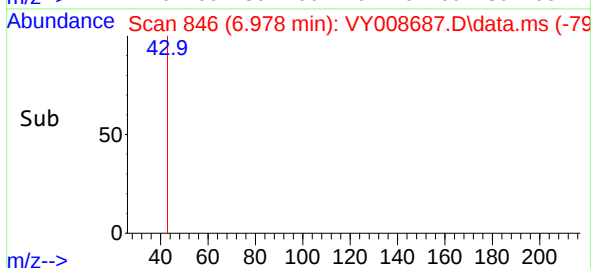
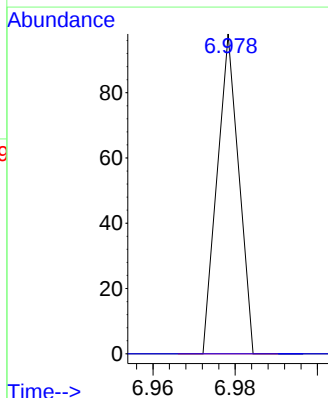
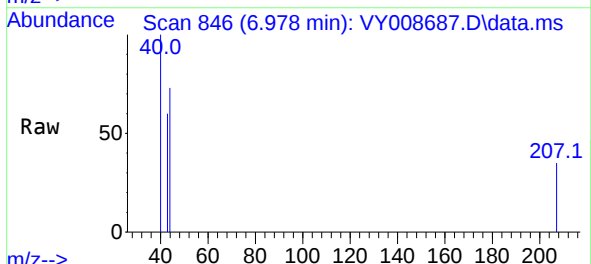
Instrument :
MSVOA_Y
ClientSampleId :
SB03

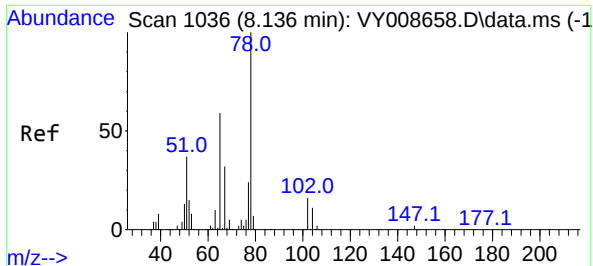
Tgt Ion: 84 Resp: 554
Ion Ratio Lower Upper
84 100
49 53.7 114.4 171.6#
51 0.0 35.3 52.9#
86 43.4 53.7 80.5#



#25
2-Butanone
Concen: 1.381 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY008687.D
Acq: 10 May 2022 18:07

Tgt Ion: 43 Resp: 36
Ion Ratio Lower Upper
43 100
72 0.0 17.7 26.5#





#33

1,2-Dichloroethane-d4

Concen: 63.106 ug/l

RT: 8.130 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY008687.D

Acq: 10 May 2022 18:07

Instrument :

MSVOA_Y

ClientSampleId :

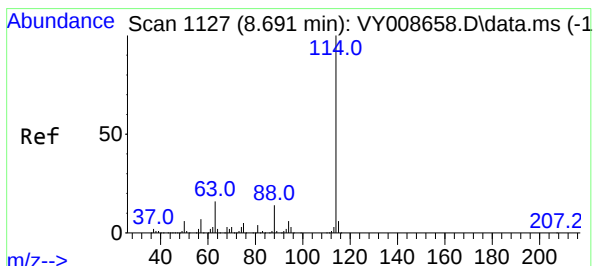
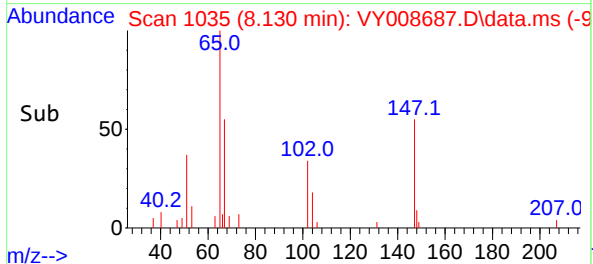
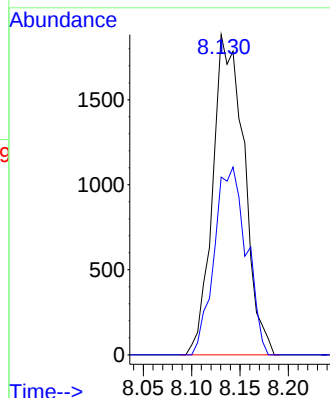
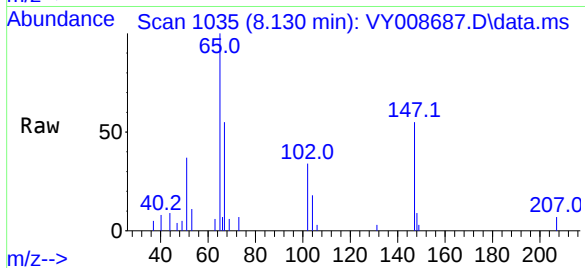
SB03

Tgt Ion: 65 Resp: 4242

Ion Ratio Lower Upper

65 100

67 60.2 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY008687.D

Acq: 10 May 2022 18:07

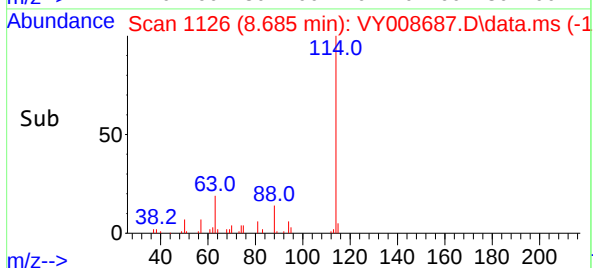
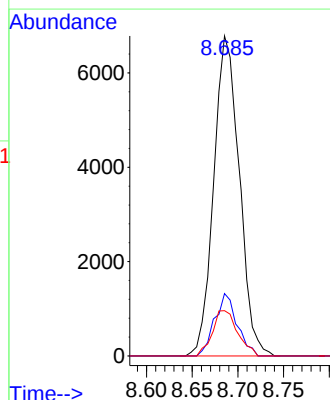
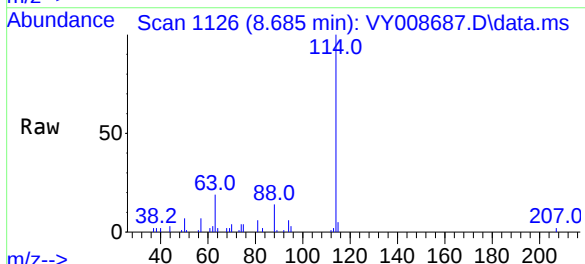
Tgt Ion: 114 Resp: 13190

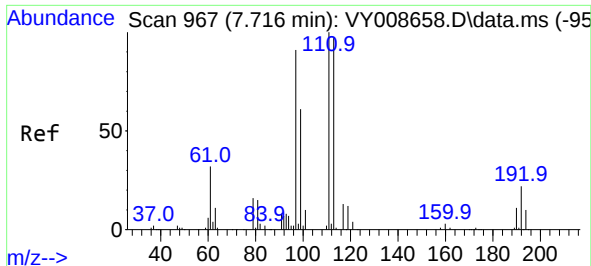
Ion Ratio Lower Upper

114 100

63 19.5 0.0 43.2

88 14.2 0.0 31.8

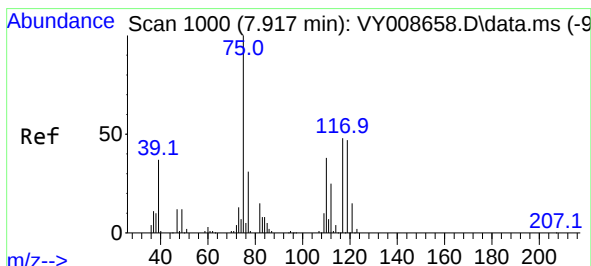
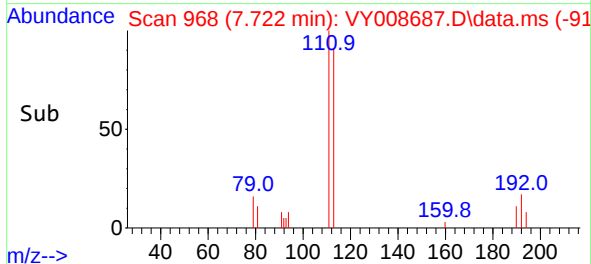
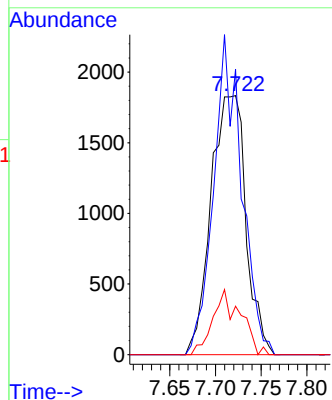
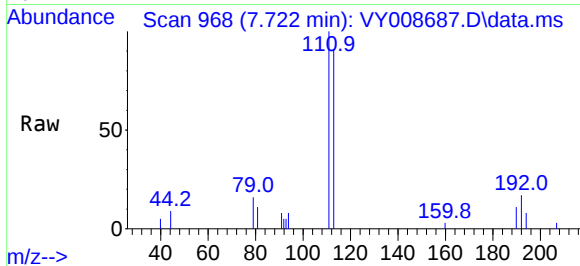




#35
Dibromofluoromethane
Concen: 59.902 ug/l
RT: 7.722 min Scan# 910
Delta R.T. 0.006 min
Lab File: VY008687.D
Acq: 10 May 2022 18:07

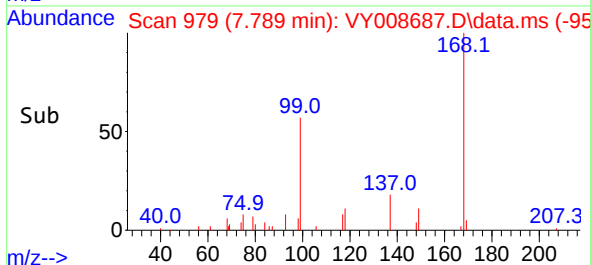
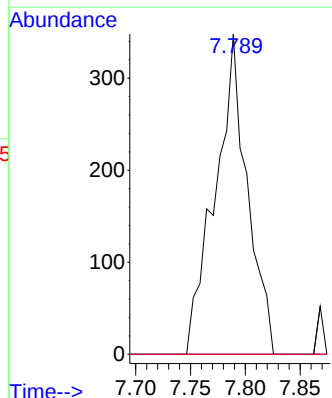
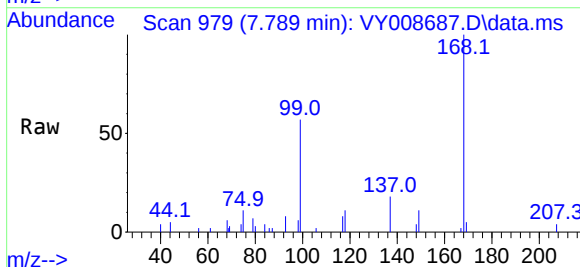
Instrument :
MSVOA_Y
ClientSampleId :
SB03

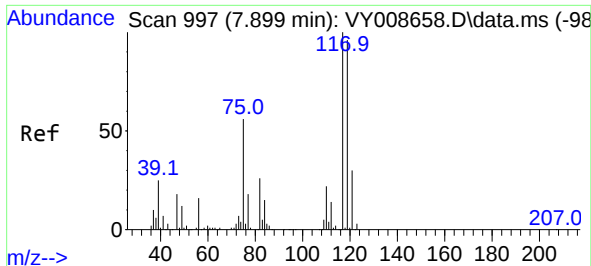
Tgt Ion:113 Resp: 4869
Ion Ratio Lower Upper
113 100
111 99.0 82.6 124.0
192 20.1 17.6 26.4



#36
1,1-Dichloropropene
Concen: 5.437 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY008687.D
Acq: 10 May 2022 18:07

Tgt Ion: 75 Resp: 710
Ion Ratio Lower Upper
75 100
110 0.0 17.1 51.2#
77 0.0 24.4 36.6#

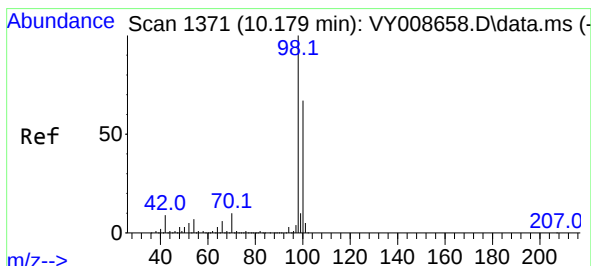
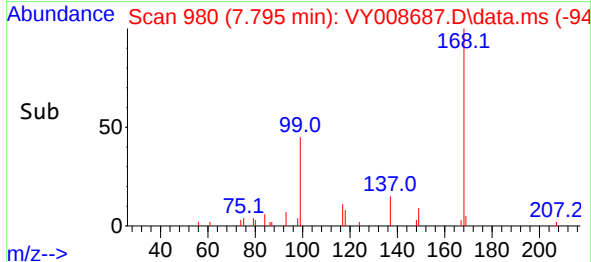
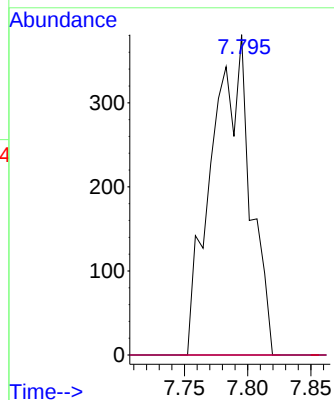
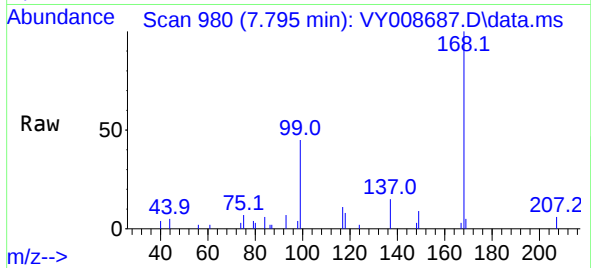




#38
Carbon Tetrachloride
Concen: 6.110 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY008687.D
Acq: 10 May 2022 18:07

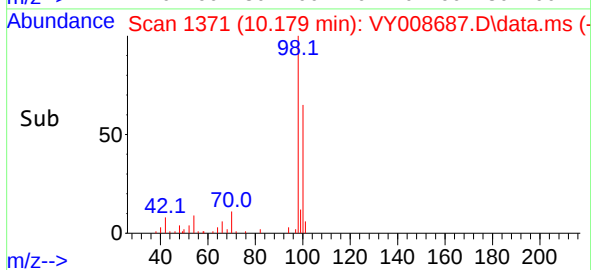
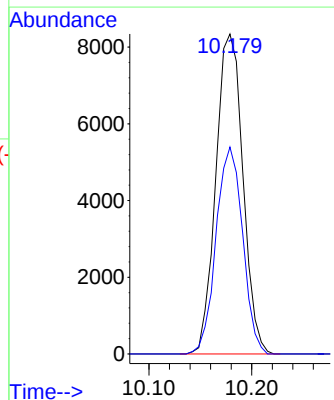
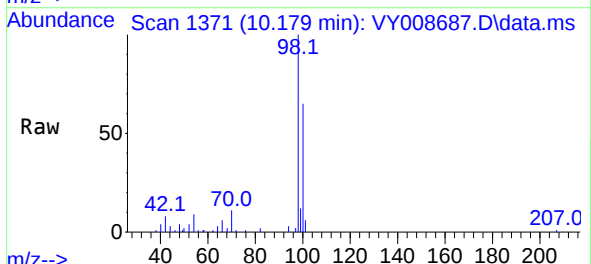
Instrument :
MSVOA_Y
ClientSampleId :
SB03

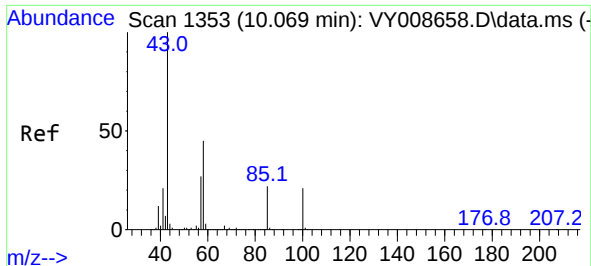
Tgt Ion:117 Resp: 807
Ion Ratio Lower Upper
117 100
119 0.0 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 53.244 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008687.D
Acq: 10 May 2022 18:07

Tgt Ion: 98 Resp: 15251
Ion Ratio Lower Upper
98 100
100 63.5 50.2 75.2

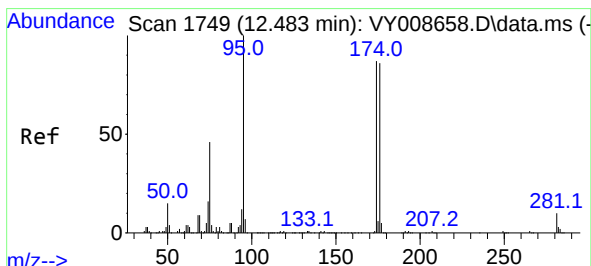
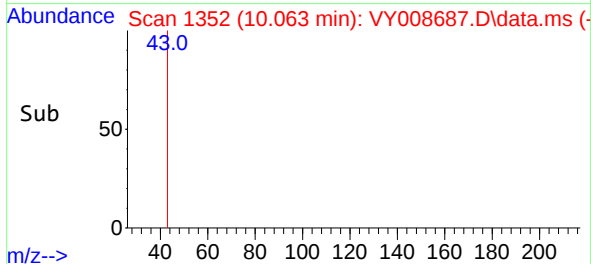
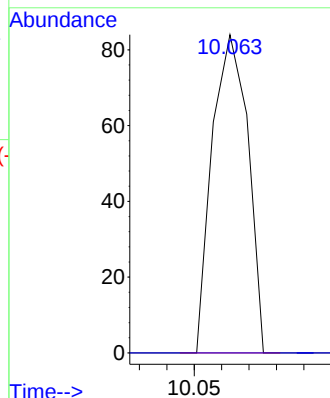
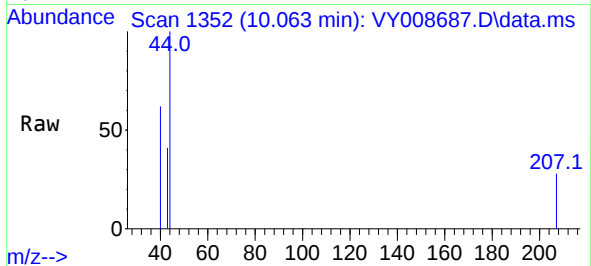




#51
4-Methyl-2-Pentanone
Concen: 1.232 ug/l
RT: 10.063 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY008687.D
Acq: 10 May 2022 18:07

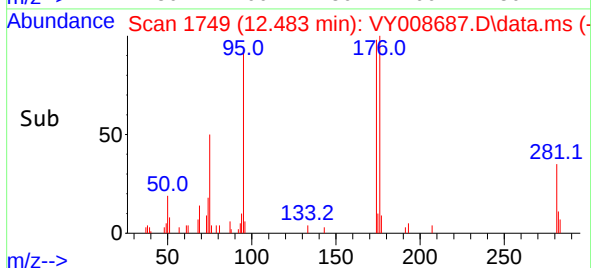
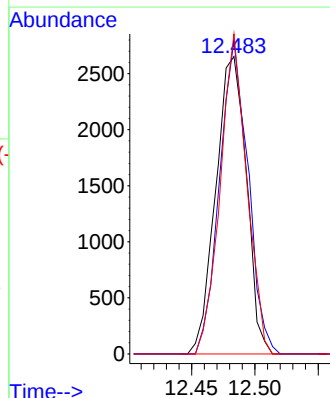
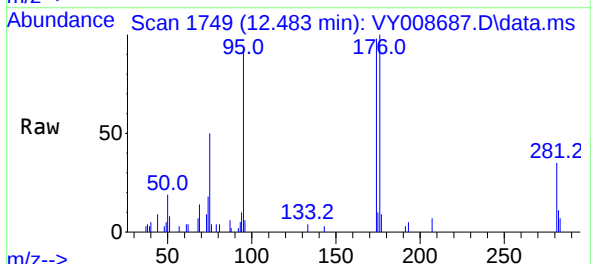
Instrument :
MSVOA_Y
ClientSampleId :
SB03

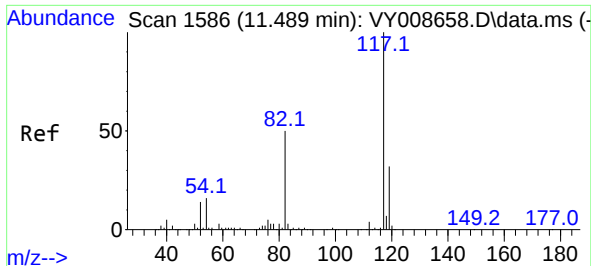
Tgt Ion: 43 Resp: 76
Ion Ratio Lower Upper
43 100
58 0.0 28.1 42.1#



#62
4-Bromofluorobenzene
Concen: 43.328 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008687.D
Acq: 10 May 2022 18:07

Tgt Ion: 95 Resp: 4465
Ion Ratio Lower Upper
95 100
174 98.0 0.0 177.0
176 93.2 0.0 175.8

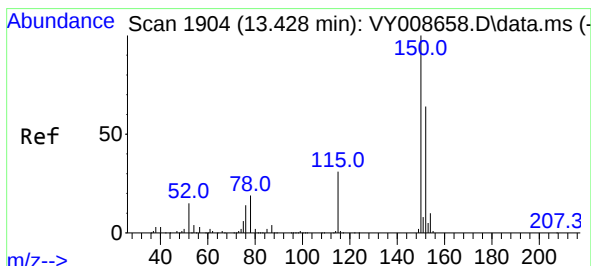
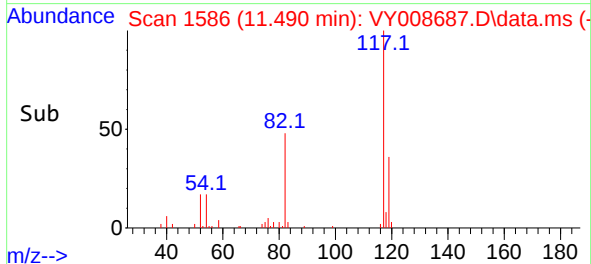
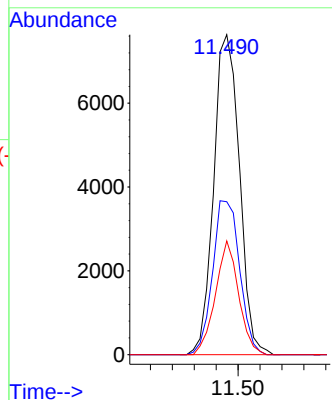
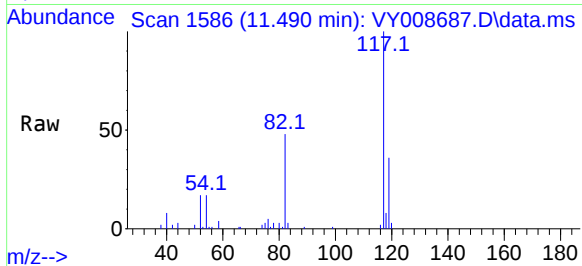




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.001 min
Lab File: VY008687.D
Acq: 10 May 2022 18:07

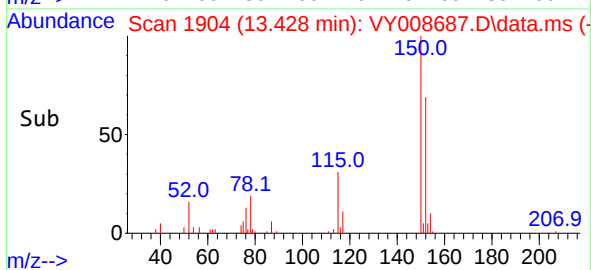
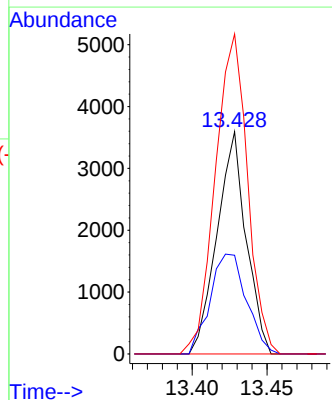
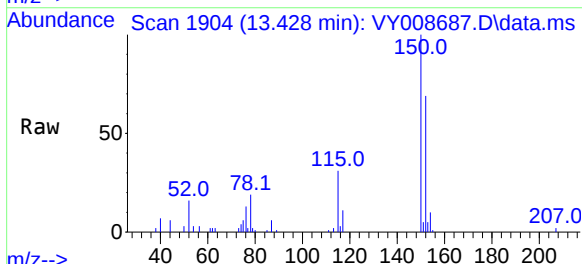
Instrument :
MSVOA_Y
ClientSampleId :
SB03

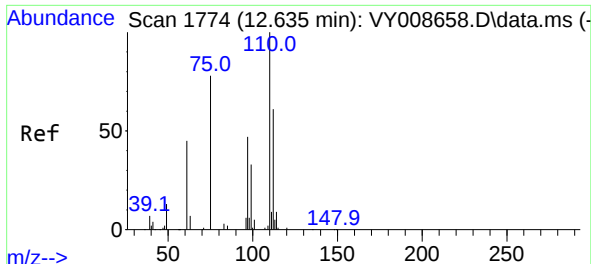
Tgt Ion:117 Resp: 12447
Ion Ratio Lower Upper
117 100
82 47.8 43.0 64.4
119 35.6 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008687.D
Acq: 10 May 2022 18:07

Tgt Ion:152 Resp: 4870
Ion Ratio Lower Upper
152 100
115 56.2 28.2 84.7
150 158.9 0.0 347.6

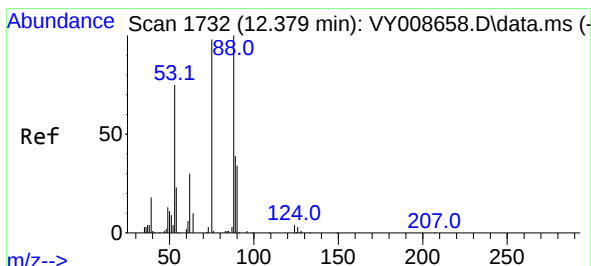
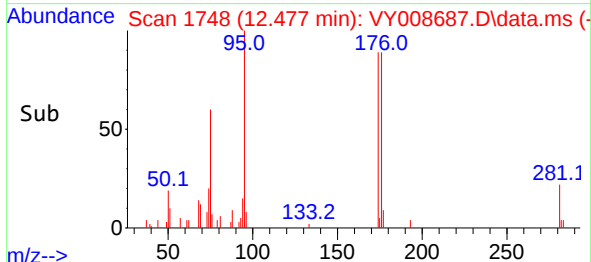
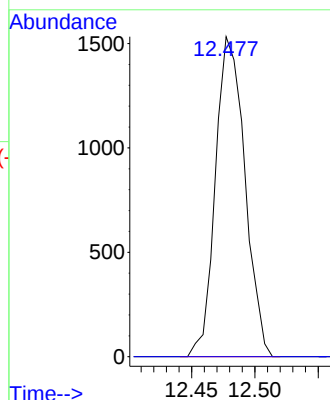
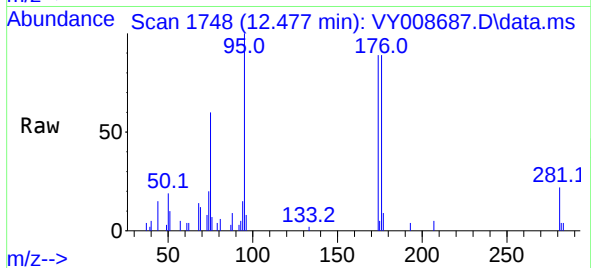




#76
1,2,3-Trichloropropane
Concen: 45.156 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.158 min
Lab File: VY008687.D
Acq: 10 May 2022 18:07

Instrument :
MSVOA_Y
ClientSampleId :
SB03

Tgt Ion: 75 Resp: 2479
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 89.841 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.098 min
Lab File: VY008687.D
Acq: 10 May 2022 18:07

Tgt Ion: 75 Resp: 2479
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#

