

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051122\
 Data File : VY008718.D
 Acq On : 11 May 2022 19:34
 Operator : KP/MD
 Sample : N2781-08
 Misc : 6.14g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P003-SS006-0006-01

Quant Time: May 12 06:32:10 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)

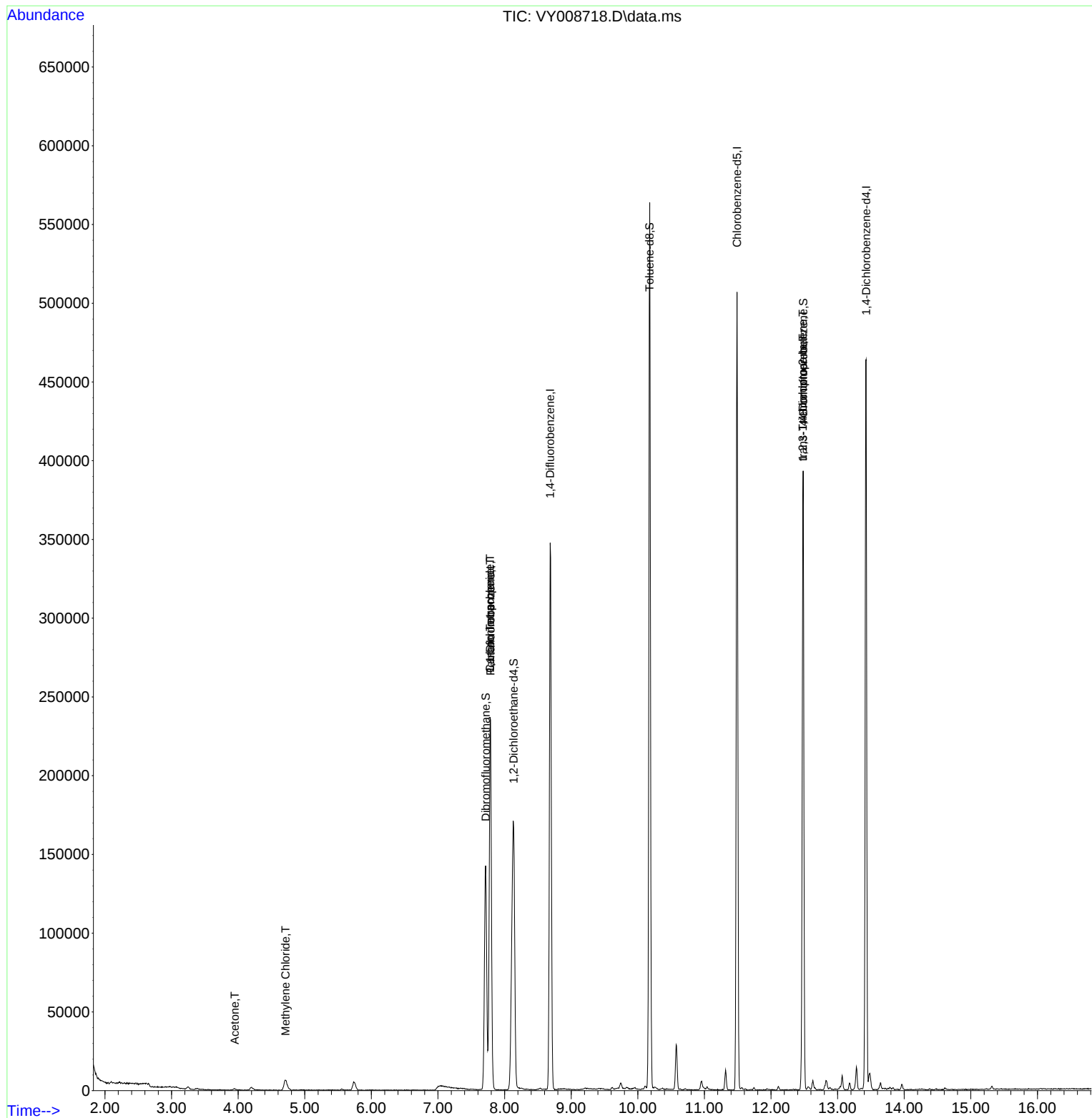
Internal Standards						
1) Pentafluorobenzene	7.789	168	200625	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	324946	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	295437	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	134142	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	97554	56.748	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.500%
35) Dibromofluoromethane	7.716	113	103584	51.728	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.460%
50) Toluene-d8	10.179	98	375181	53.168	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.340%
62) 4-Bromofluorobenzene	12.483	95	115487	45.490	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	90.980%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.954	59	277	Below Cal	#	77
16) Acetone	3.948	43	1633	4.026	ug/l	99
18) Methyl Acetate	4.314	43	25	Below Cal	#	56
20) Methylene Chloride	4.710	84	5860	2.379	ug/l	# 86
36) 1,1-Dichloropropene	7.783	75	12994	4.039	ug/l	# 51
38) Carbon Tetrachloride	7.783	117	17719	5.445	ug/l	# 16
76) 1,2,3-Trichloropropane	12.477	75	56589	37.423	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.477	75	56589	74.455	ug/l	# 8

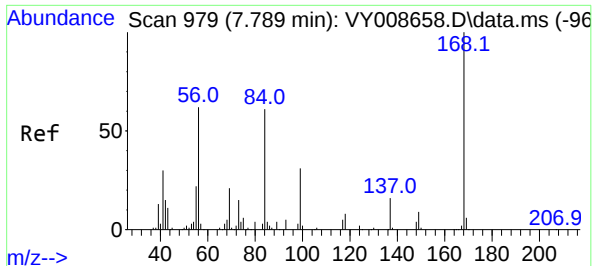
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051122\
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Quant Title : SW846 8260
QLast Update : Mon May 09 19:21:20 2022
Response via : Initial Calibration

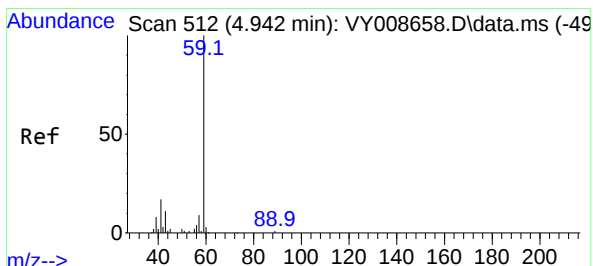
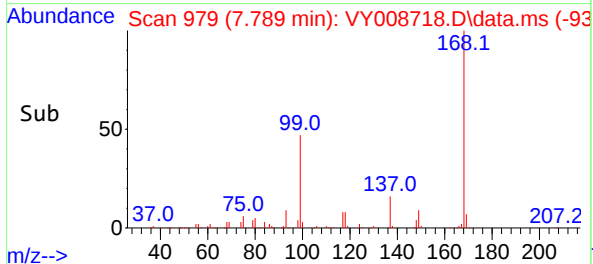
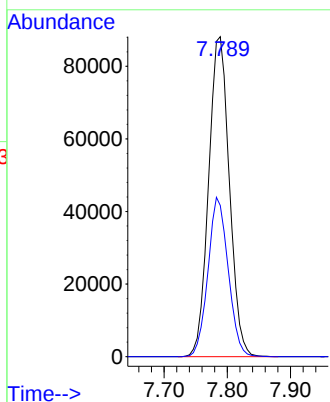
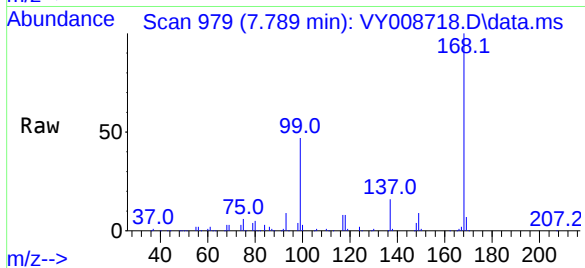




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008718.D
Acq: 11 May 2022 19:34

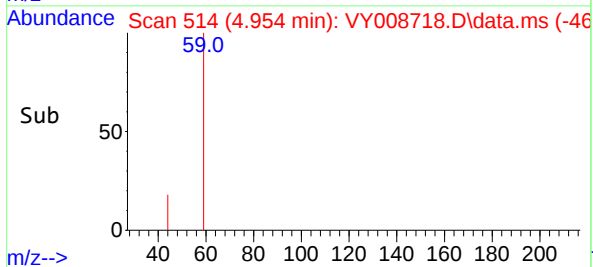
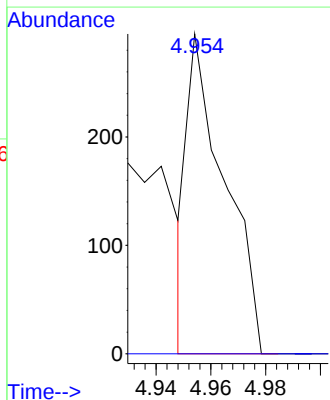
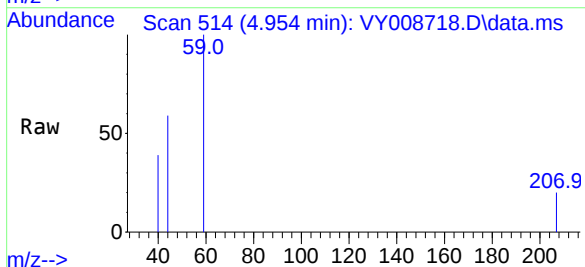
Instrument :
MSVOA_Y
ClientSampleId :
P003-SS006-0006-01

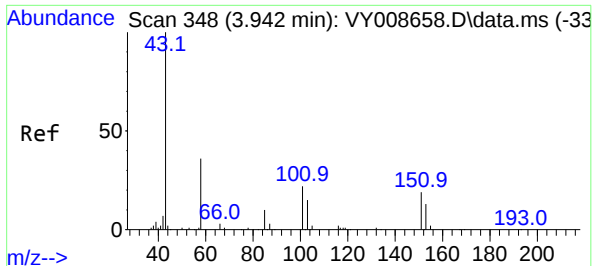
Tgt Ion:168 Resp: 200625
Ion Ratio Lower Upper
168 100
99 47.2 46.9 70.3



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.954 min Scan# 514
Delta R.T. 0.012 min
Lab File: VY008718.D
Acq: 11 May 2022 19:34

Tgt Ion: 59 Resp: 277
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

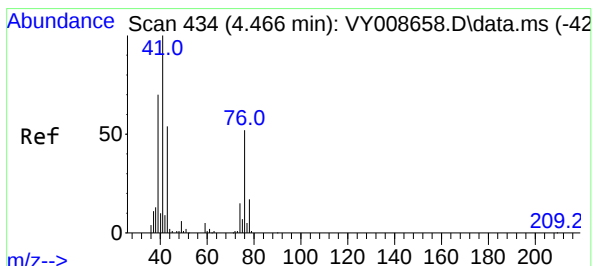
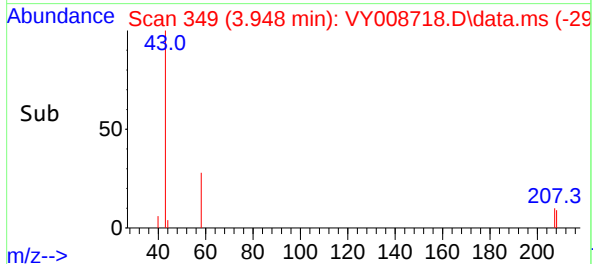
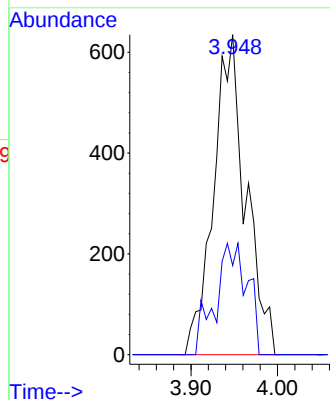
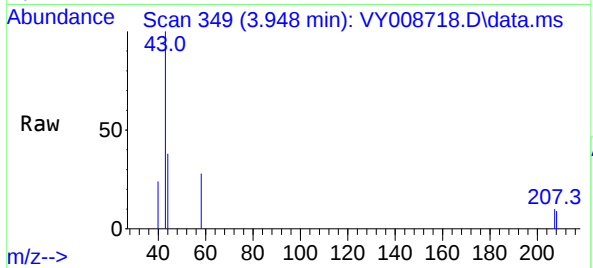




#16
Acetone
Concen: 4.026 ug/l
RT: 3.948 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY008718.D
Acq: 11 May 2022 19:34

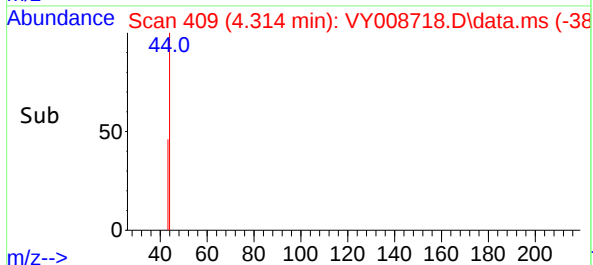
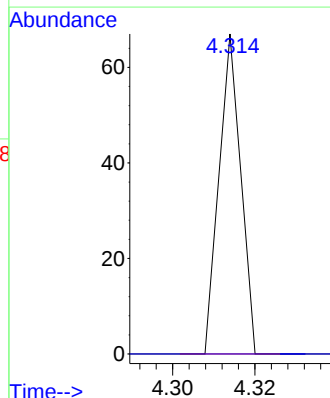
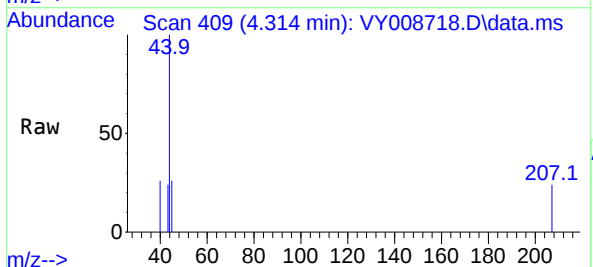
Instrument :
MSVOA_Y
ClientSampleId :
P003-SS006-0006-01

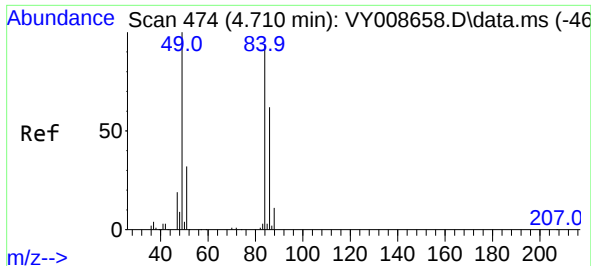
Tgt Ion: 43 Resp: 1633
Ion Ratio Lower Upper
43 100
58 27.9 22.0 33.0



#18
Methyl Acetate
Concen: Below Cal
RT: 4.314 min Scan# 409
Delta R.T. -0.152 min
Lab File: VY008718.D
Acq: 11 May 2022 19:34

Tgt Ion: 43 Resp: 25
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



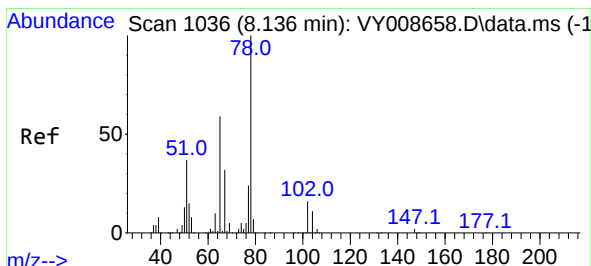
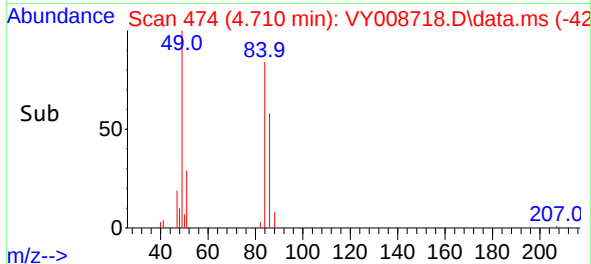
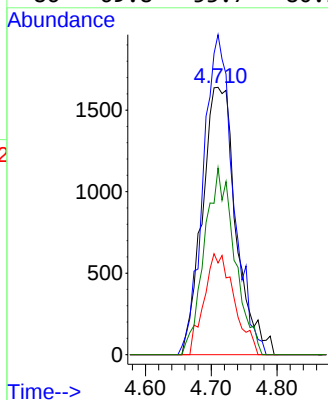
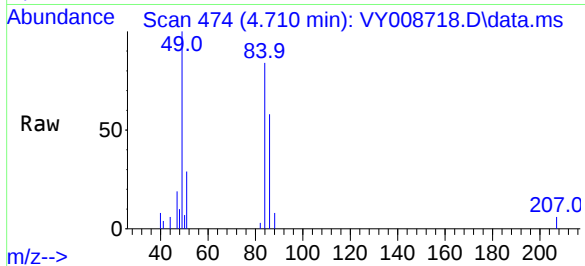


#20
Methylene Chloride
Concen: 2.379 ug/l
RT: 4.710 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY008718.D
Acq: 11 May 2022 19:34

Instrument :
MSVOA_Y
ClientSampleId :
P003-SS006-0006-01

Tgt Ion: 84 Resp: 5860

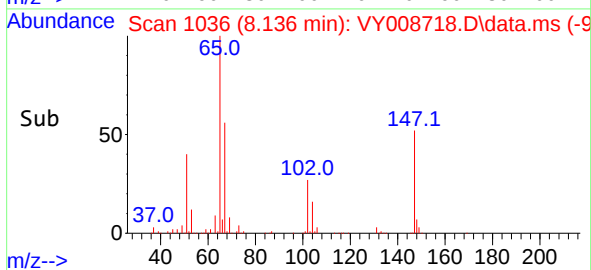
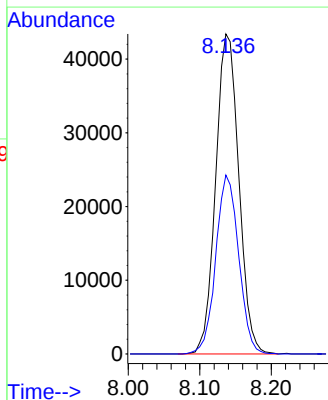
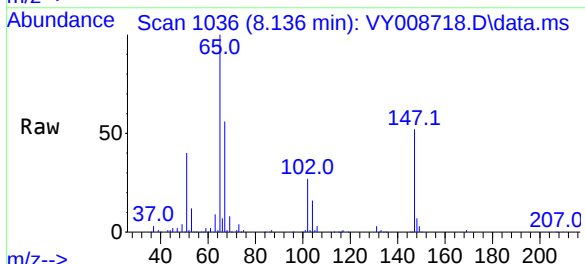
Ion	Ratio	Lower	Upper
84	100		
49	119.7	114.4	171.6
51	34.3	35.3	52.9
86	69.8	53.7	80.5

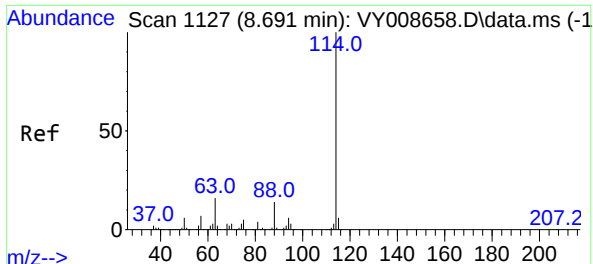


#33
1,2-Dichloroethane-d4
Concen: 56.748 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY008718.D
Acq: 11 May 2022 19:34

Tgt Ion: 65 Resp: 97554

Ion	Ratio	Lower	Upper
65	100		
67	55.3	0.0	99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VY008718.D

Acq: 11 May 2022 19:34

Instrument :

MSVOA_Y

ClientSampleId :

P003-SS006-0006-01

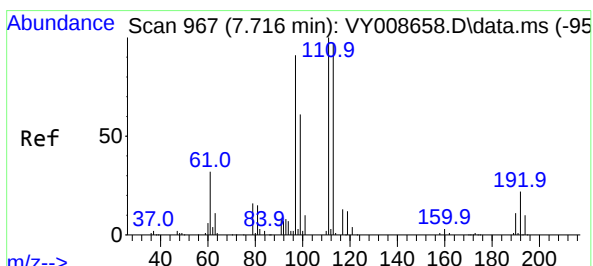
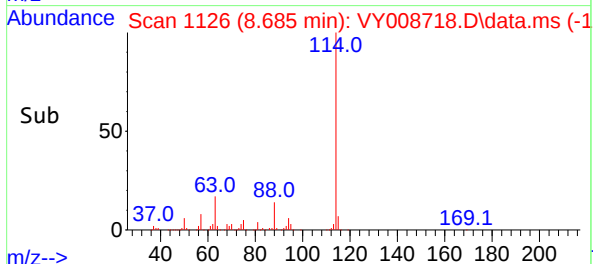
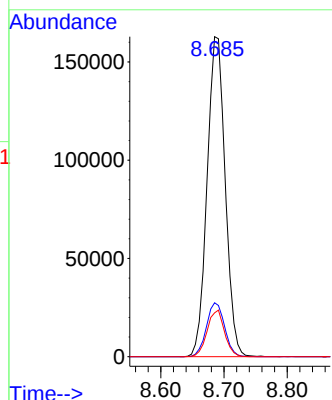
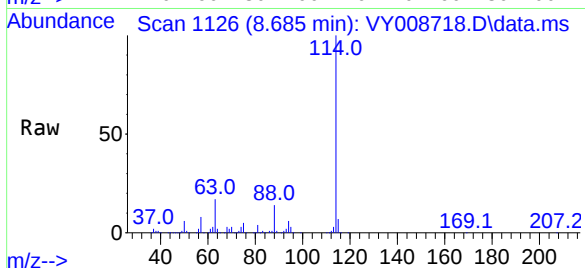
Tgt Ion:114 Resp: 324946

Ion Ratio Lower Upper

114 100

63 16.8 0.0 43.2

88 13.7 0.0 31.8



#35

Dibromofluoromethane

Concen: 51.728 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY008718.D

Acq: 11 May 2022 19:34

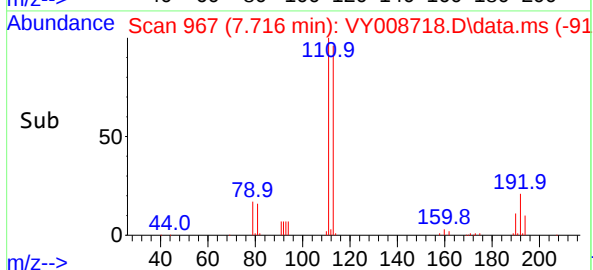
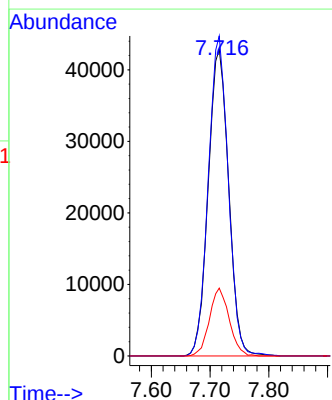
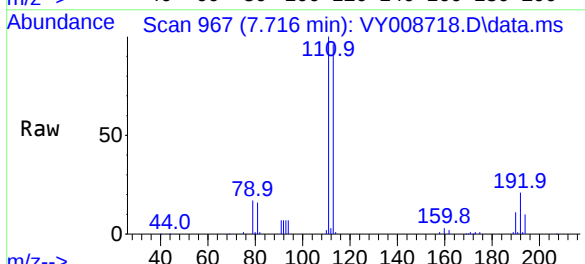
Tgt Ion:113 Resp: 103584

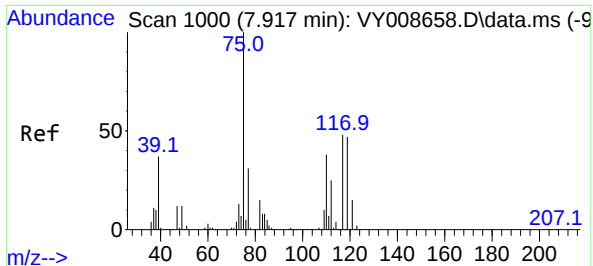
Ion Ratio Lower Upper

113 100

111 101.9 82.6 124.0

192 21.4 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.039 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.134 min

Lab File: VY008718.D

Acq: 11 May 2022 19:34

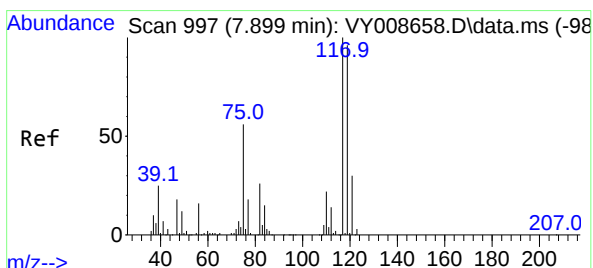
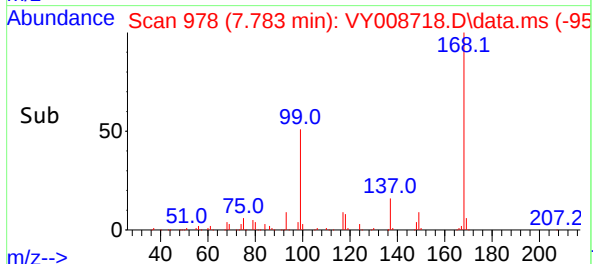
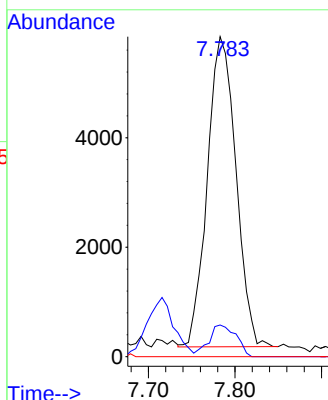
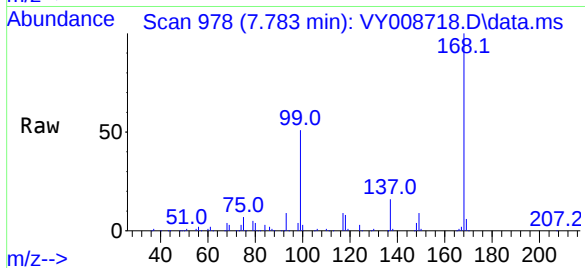
Instrument :

MSVOA_Y

ClientSampleId :

P003-SS006-0006-01

Tgt Ion: 75	Resp: 12994
Ion Ratio	Lower Upper
75	100
110	9.8 17.1 51.2#
77	0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.445 ug/l

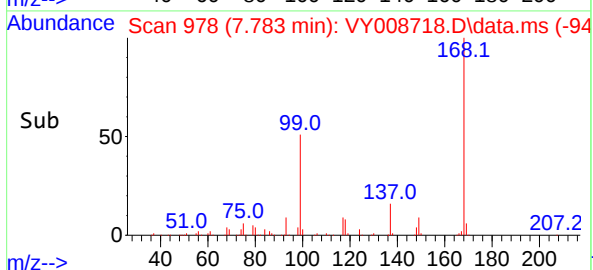
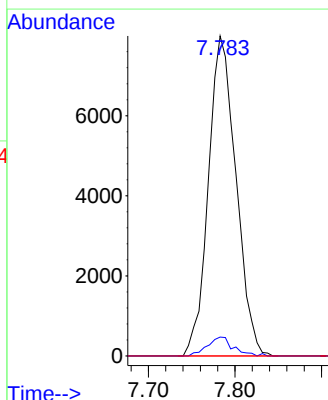
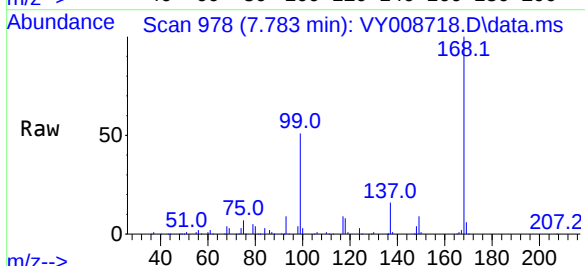
RT: 7.783 min Scan# 978

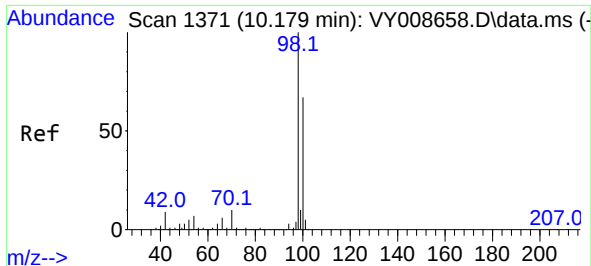
Delta R.T. -0.116 min

Lab File: VY008718.D

Acq: 11 May 2022 19:34

Tgt Ion: 117	Resp: 17719
Ion Ratio	Lower Upper
117	100
119	5.9 77.9 116.9#
121	0.0 24.8 37.2#

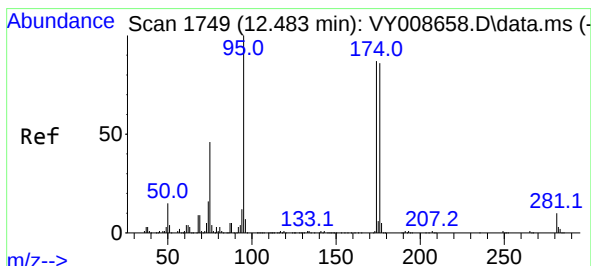
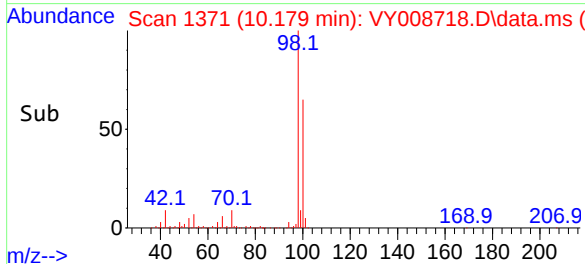
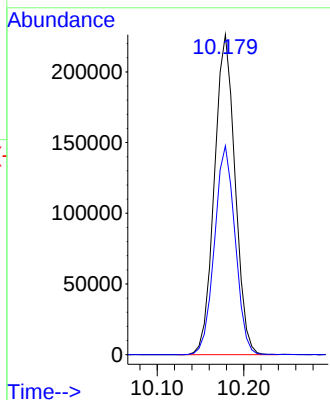
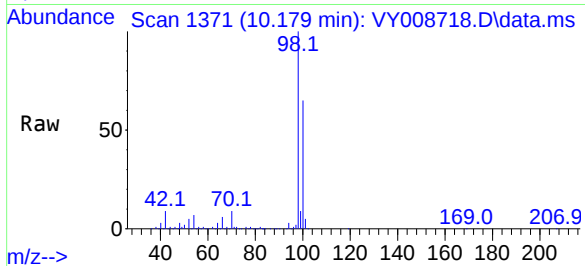




#50
Toluene-d8
Concen: 53.168 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008718.D
Acq: 11 May 2022 19:34

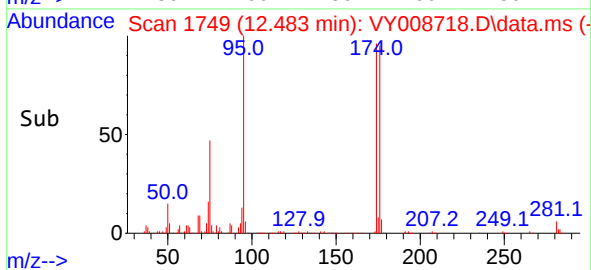
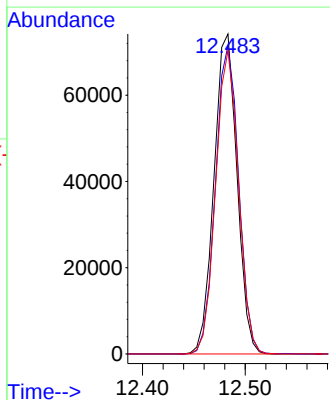
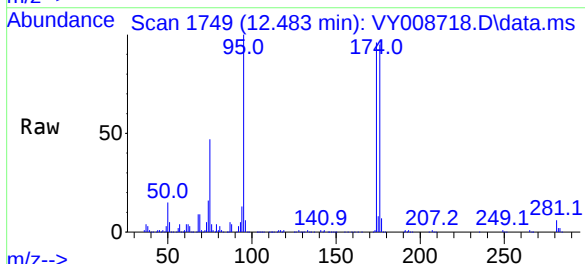
Instrument :
MSVOA_Y
ClientSampleId :
P003-SS006-0006-01

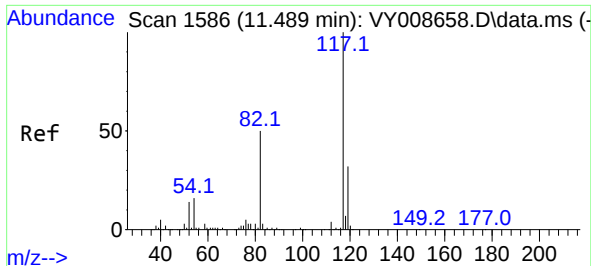
Tgt Ion: 98 Resp: 375181
Ion Ratio Lower Upper
98 100
100 65.2 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 45.490 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008718.D
Acq: 11 May 2022 19:34

Tgt Ion: 95 Resp: 115487
Ion Ratio Lower Upper
95 100
174 96.7 0.0 177.0
176 93.9 0.0 175.8

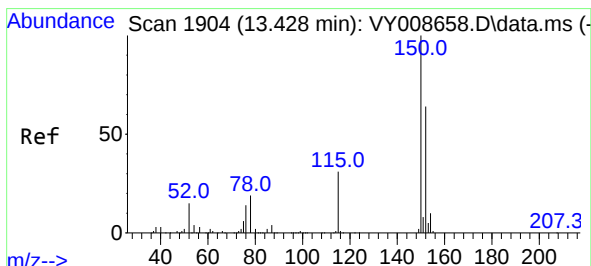
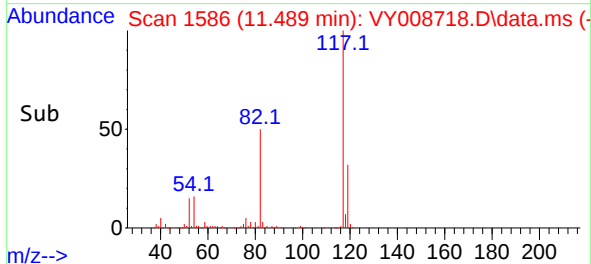
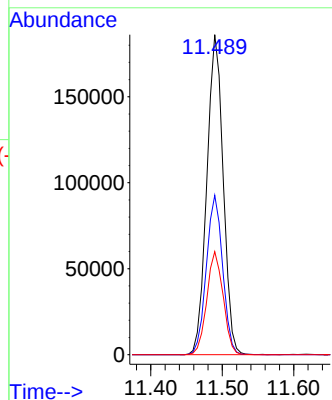
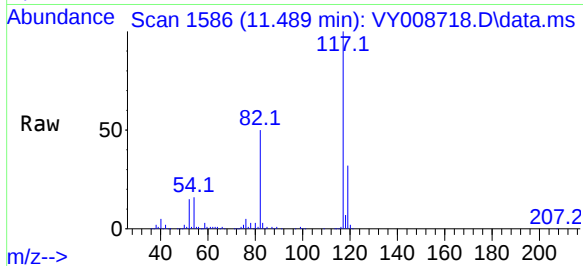




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY008718.D
Acq: 11 May 2022 19:34

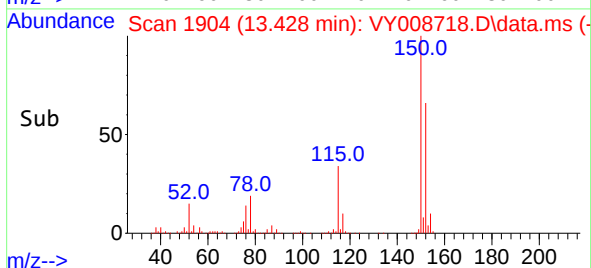
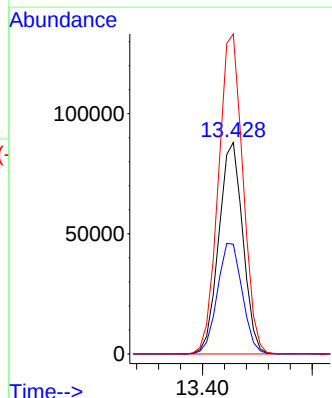
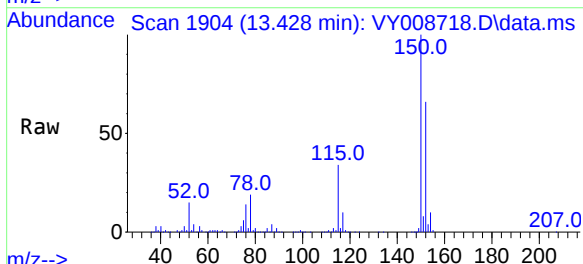
Instrument :
MSVOA_Y
ClientSampleId :
P003-SS006-0006-01

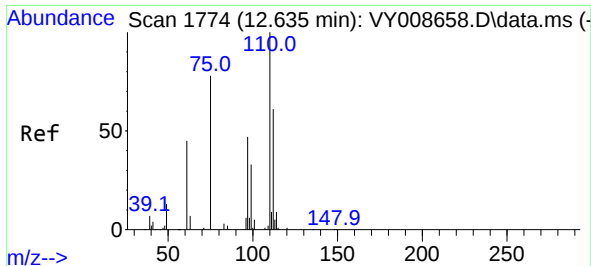
Tgt Ion:117 Resp: 295437
Ion Ratio Lower Upper
117 100
82 49.8 43.0 64.4
119 32.2 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008718.D
Acq: 11 May 2022 19:34

Tgt Ion:152 Resp: 134142
Ion Ratio Lower Upper
152 100
115 54.3 28.2 84.7
150 154.3 0.0 347.6

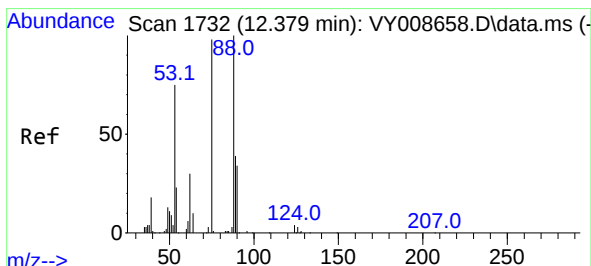
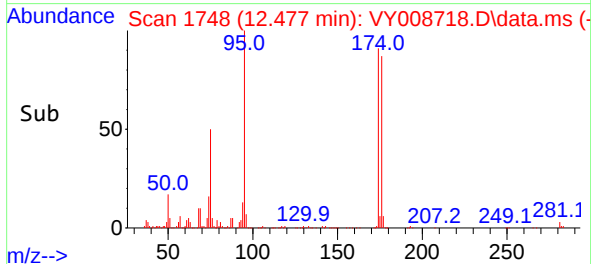
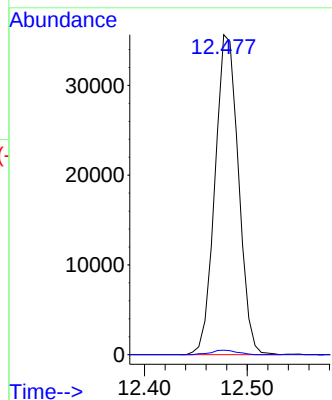
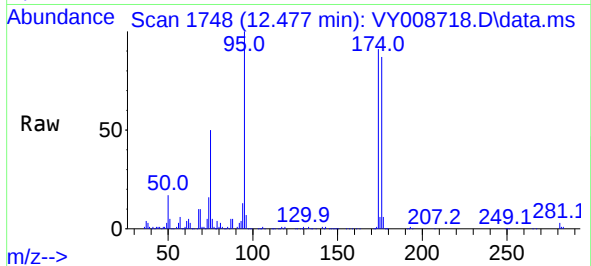




#76
1,2,3-Trichloropropane
Concen: 37.423 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.158 min
Lab File: VY008718.D
Acq: 11 May 2022 19:34

Instrument :
MSVOA_Y
ClientSampleId :
P003-SS006-0006-01

Tgt Ion: 75 Resp: 56589
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 74.455 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.098 min
Lab File: VY008718.D
Acq: 11 May 2022 19:34

Tgt Ion: 75 Resp: 56589
Ion Ratio Lower Upper
75 100
53 0.6 85.3 127.9#
89 0.0 37.0 55.4#

