

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051022\
 Data File : VY008682.D
 Acq On : 10 May 2022 16:10
 Operator : KP/MD
 Sample : N2712-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SP-1

Quant Time: May 11 04:32:01 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)

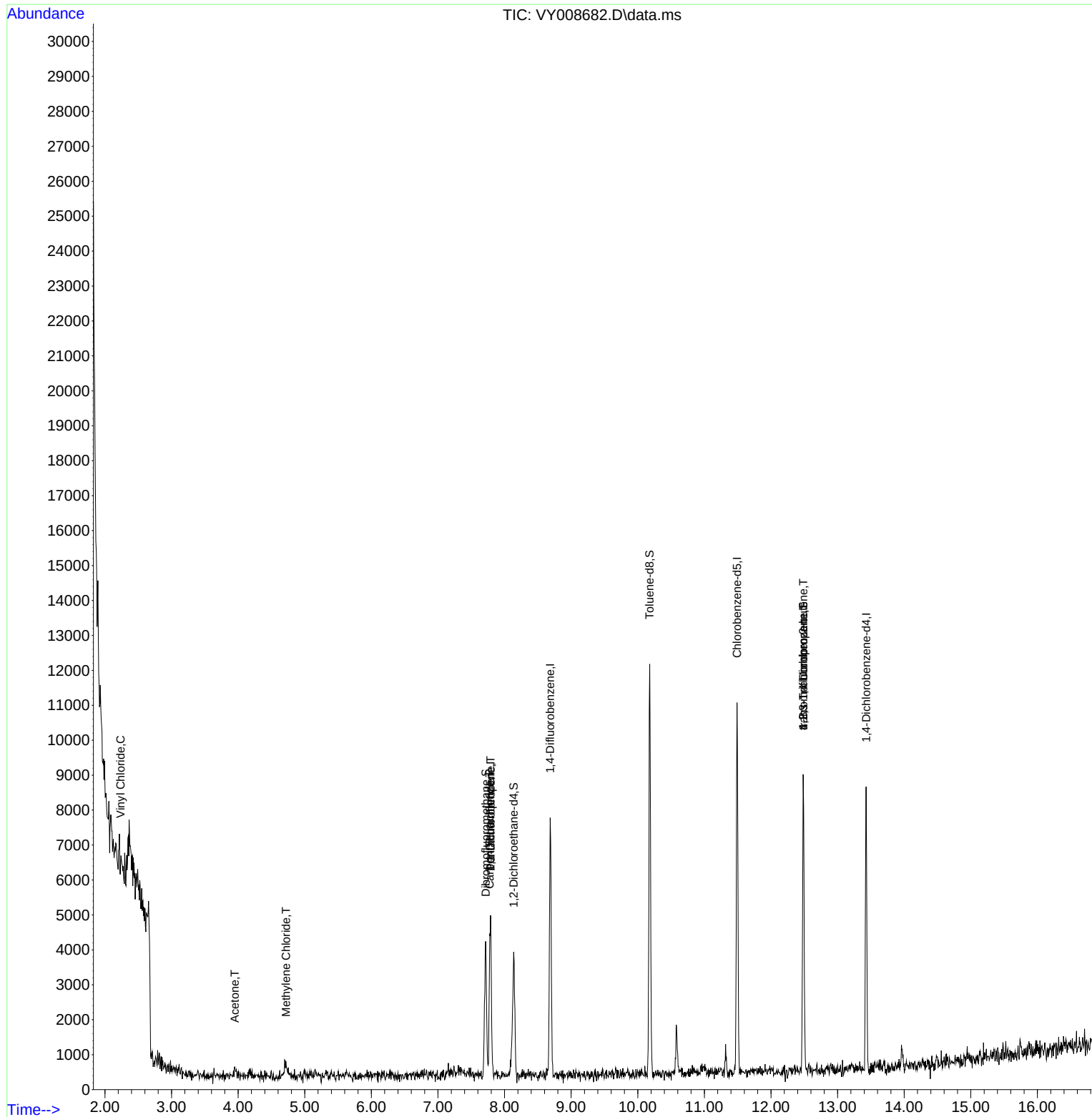
Internal Standards						
1) Pentafluorobenzene	7.789	168	4250	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	7332	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	6711	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	2420	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	2516	69.090	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 138.180%	
35) Dibromofluoromethane	7.716	113	2659	58.850	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 117.700%	
50) Toluene-d8	10.179	98	8216	51.601	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 103.200%	
62) 4-Bromofluorobenzene	12.483	95	2395	41.810	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 83.620%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.235	62	85	2.448	ug/l #	43
16) Acetone	3.948	43	211	24.559	ug/l #	47
20) Methylene Chloride	4.716	84	281	5.386	ug/l #	5
36) 1,1-Dichloropropene	7.789	75	299	4.119	ug/l #	42
38) Carbon Tetrachloride	7.777	117	388	5.284	ug/l #	11
76) 1,2,3-Trichloropropane	12.483	75	1268	46.481	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	1268	92.477	ug/l #	7

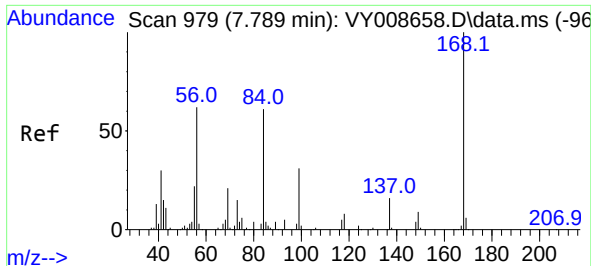
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

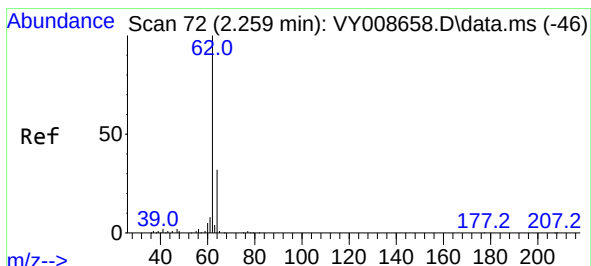
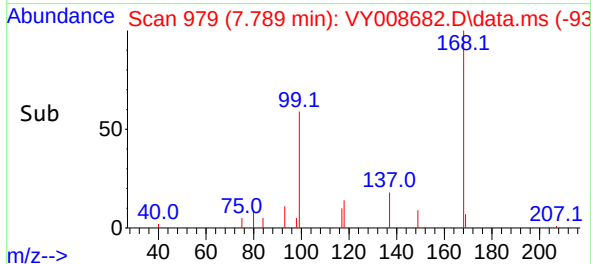
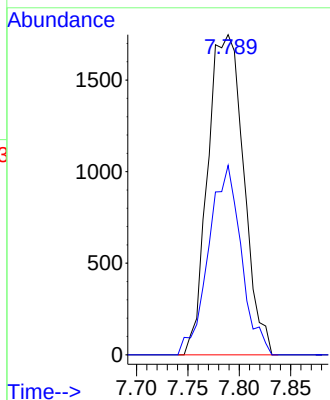
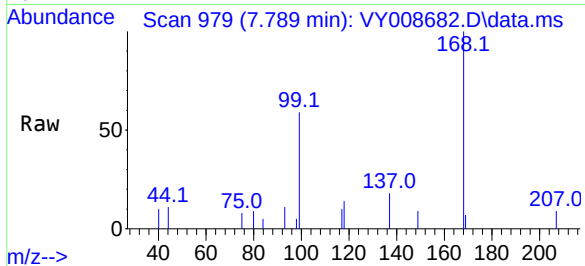




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY008682.D
Acq: 10 May 2022 16:10

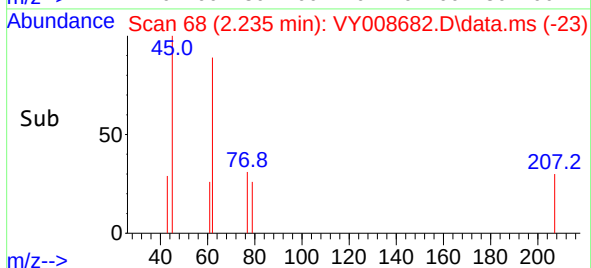
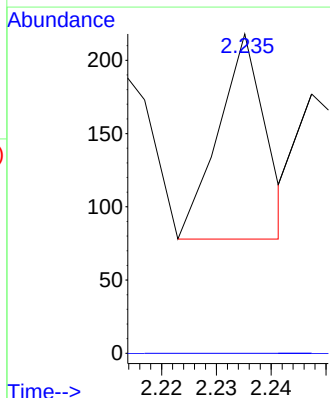
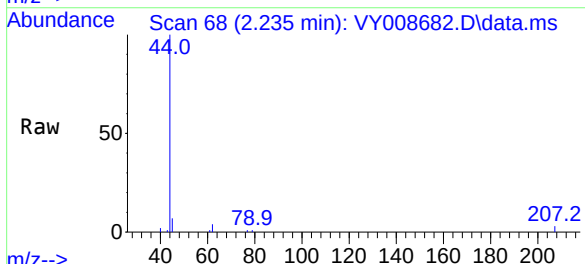
Instrument :
MSVOA_Y
ClientSampleId :
SP-1

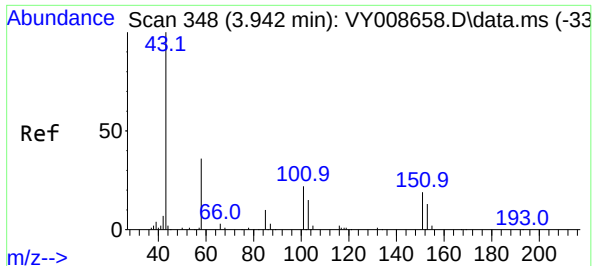
Tgt Ion:168 Resp: 4250
Ion Ratio Lower Upper
168 100
99 59.2 46.9 70.3



#4
Vinyl Chloride
Concen: 2.448 ug/l
RT: 2.235 min Scan# 68
Delta R.T. -0.024 min
Lab File: VY008682.D
Acq: 10 May 2022 16:10

Tgt Ion: 62 Resp: 85
Ion Ratio Lower Upper
62 100
64 0.0 25.0 37.6#

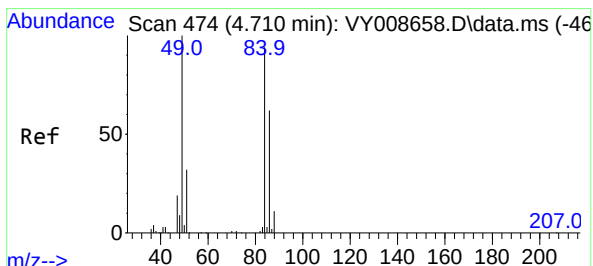
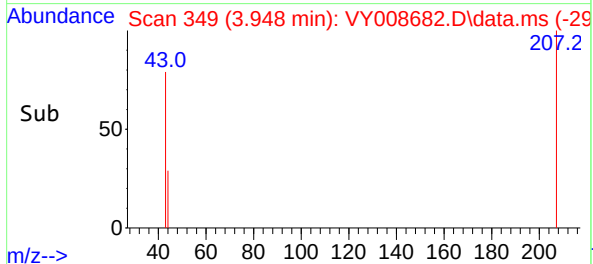
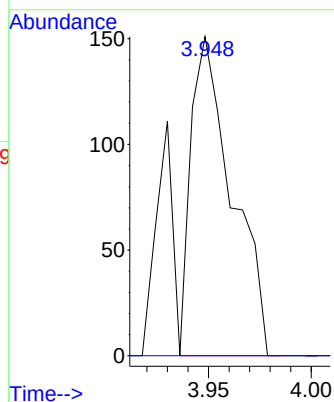
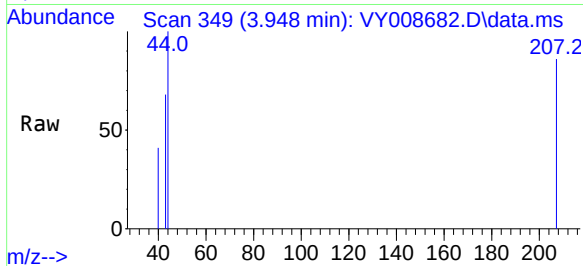




#16
Acetone
Concen: 24.559 ug/l
RT: 3.948 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY008682.D
Acq: 10 May 2022 16:10

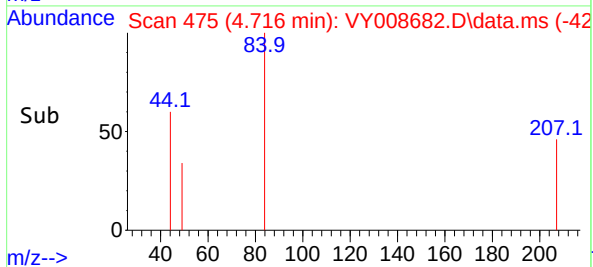
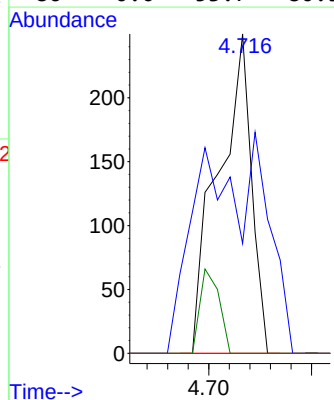
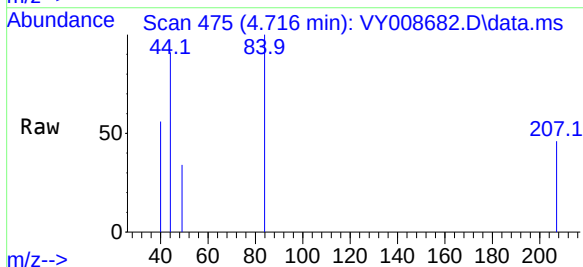
Instrument :
MSVOA_Y
ClientSampleId :
SP-1

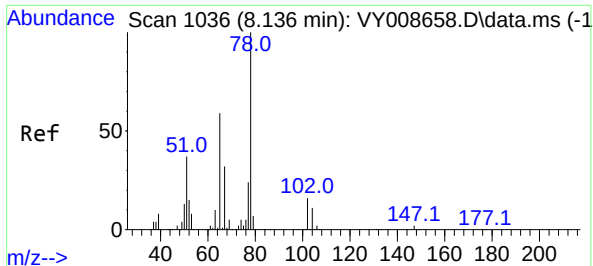
Tgt Ion: 43 Resp: 211
Ion Ratio Lower Upper
43 100
58 0.0 22.0 33.0#



#20
Methylene Chloride
Concen: 5.386 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY008682.D
Acq: 10 May 2022 16:10

Tgt Ion: 84 Resp: 281
Ion Ratio Lower Upper
84 100
49 9.6 114.4 171.6#
51 0.0 35.3 52.9#
86 0.0 53.7 80.5#





#33

1,2-Dichloroethane-d4

Concen: 69.090 ug/l

RT: 8.137 min Scan# 1103

Delta R.T. 0.001 min

Lab File: VY008682.D

Acq: 10 May 2022 16:10

Instrument :

MSVOA_Y

ClientSampleId :

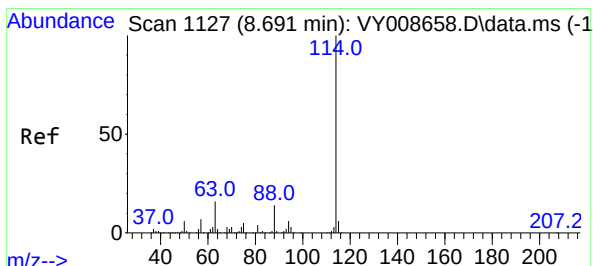
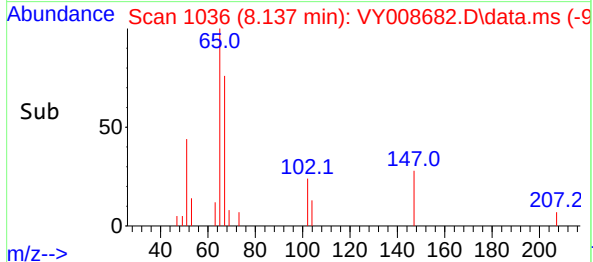
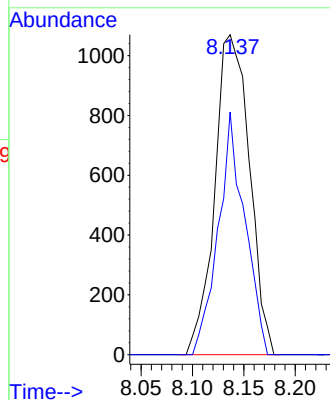
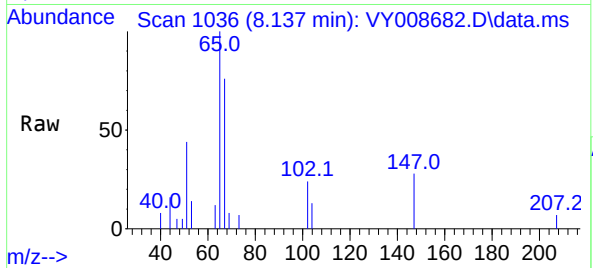
SP-1

Tgt Ion: 65 Resp: 2516

Ion Ratio Lower Upper

65 100

67 58.0 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: VY008682.D

Acq: 10 May 2022 16:10

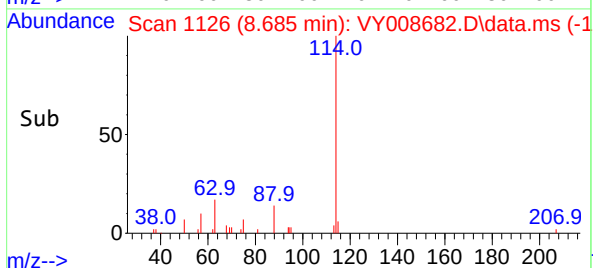
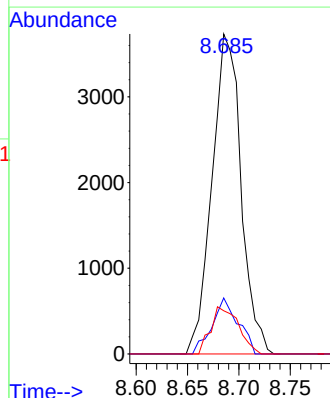
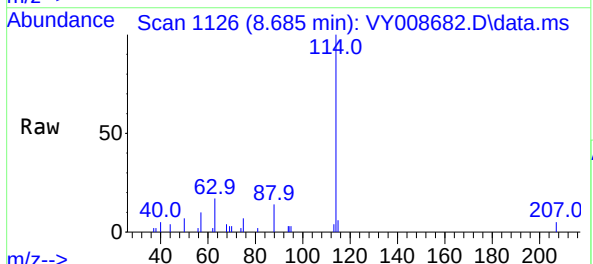
Tgt Ion: 114 Resp: 7332

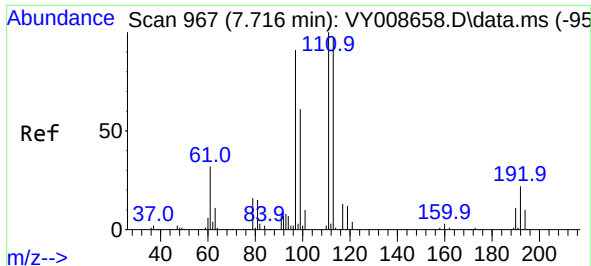
Ion Ratio Lower Upper

114 100

63 17.5 0.0 43.2

88 13.5 0.0 31.8



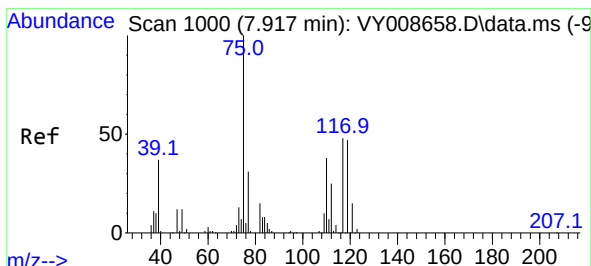
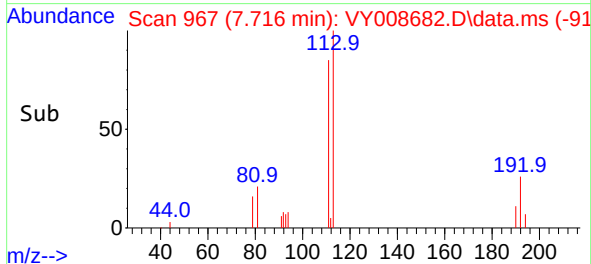
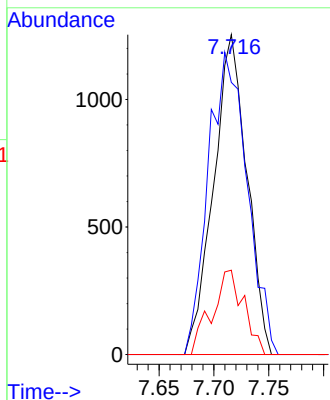
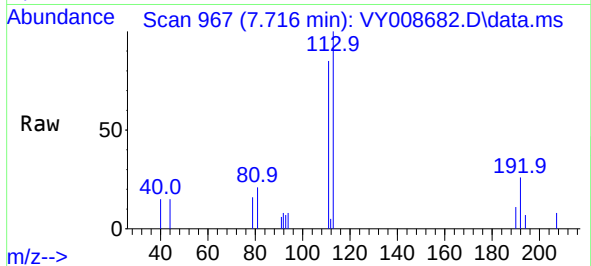


#35
Dibromofluoromethane
Concen: 58.850 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008682.D
Acq: 10 May 2022 16:10

Instrument :
MSVOA_Y
ClientSampleId :
SP-1

Tgt Ion:113 Resp: 2659

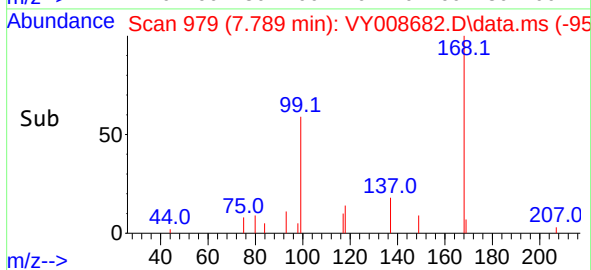
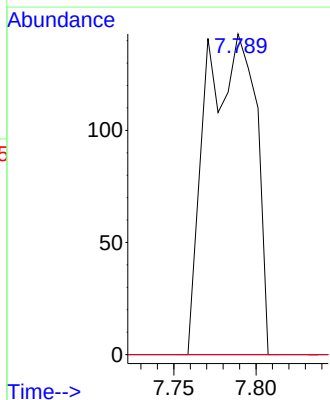
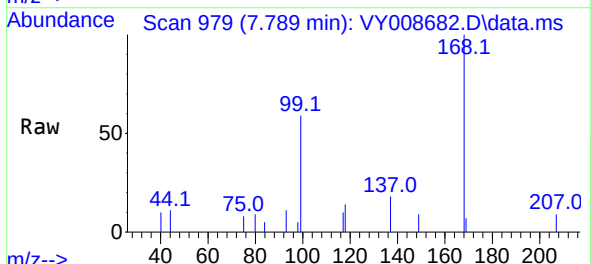
Ion	Ratio	Lower	Upper
113	100		
111	109.4	82.6	124.0
192	25.1	17.6	26.4

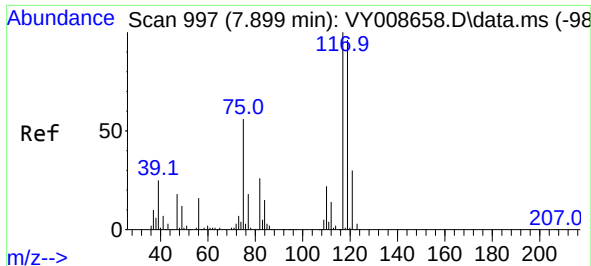


#36
1,1-Dichloropropene
Concen: 4.119 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY008682.D
Acq: 10 May 2022 16:10

Tgt Ion: 75 Resp: 299

Ion	Ratio	Lower	Upper
75	100		
110	0.0	17.1	51.2#
77	0.0	24.4	36.6#

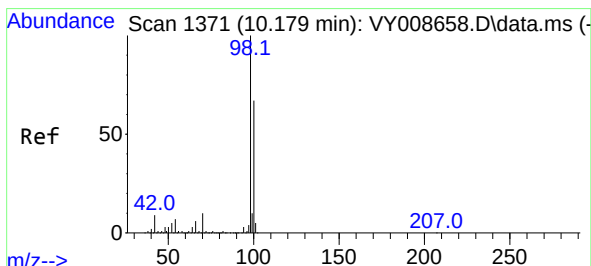
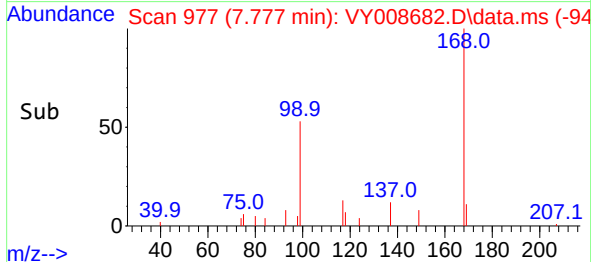
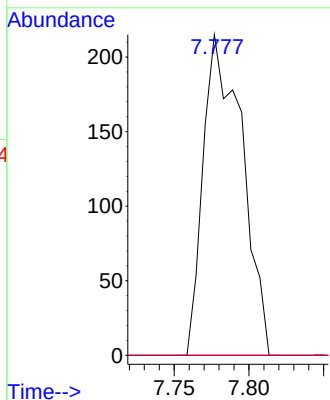
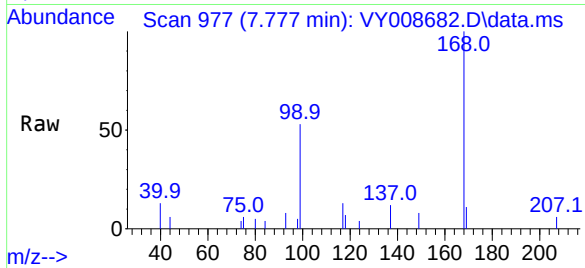




#38
Carbon Tetrachloride
Concen: 5.284 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY008682.D
Acq: 10 May 2022 16:10

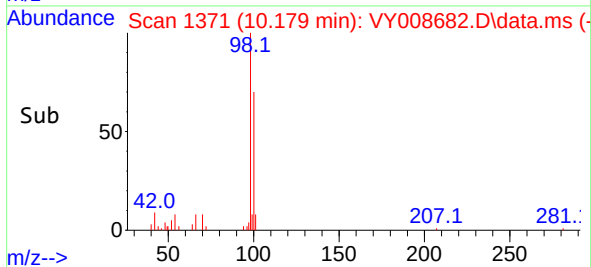
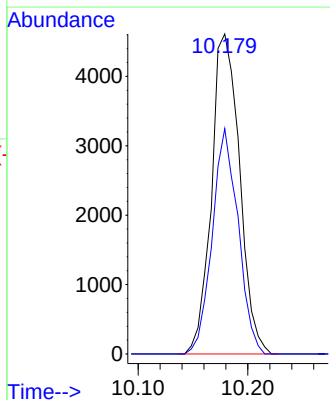
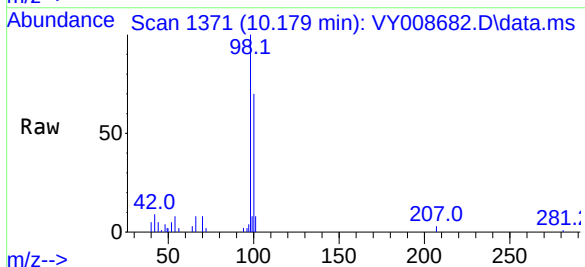
Instrument :
MSVOA_Y
ClientSampleId :
SP-1

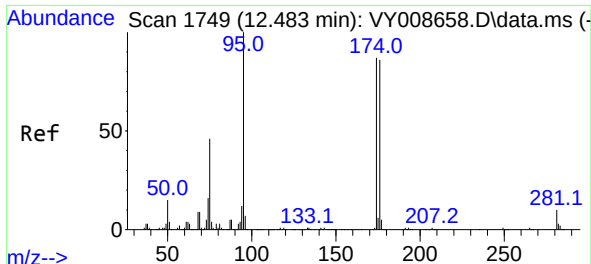
Tgt Ion:117 Resp: 388
Ion Ratio Lower Upper
117 100
119 0.0 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 51.601 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008682.D
Acq: 10 May 2022 16:10

Tgt Ion: 98 Resp: 8216
Ion Ratio Lower Upper
98 100
100 64.7 50.2 75.2

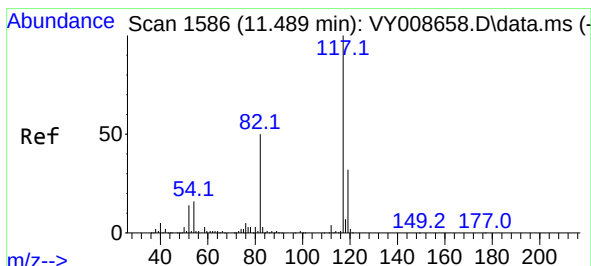
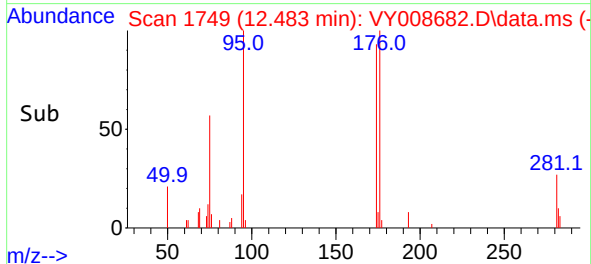
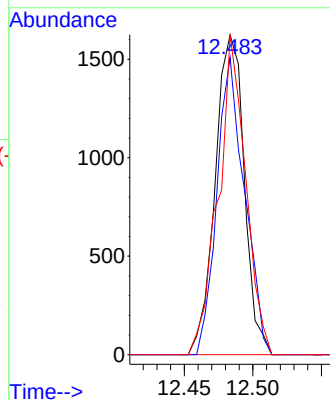
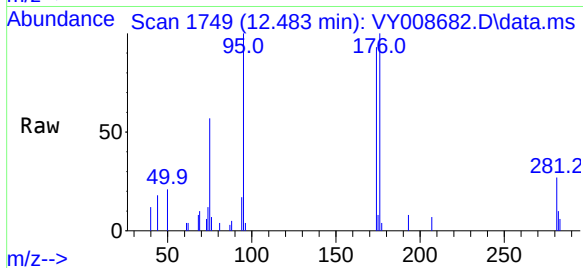




#62
4-Bromofluorobenzene
Concen: 41.810 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008682.D
Acq: 10 May 2022 16:10

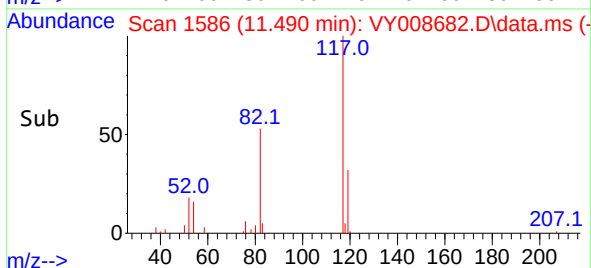
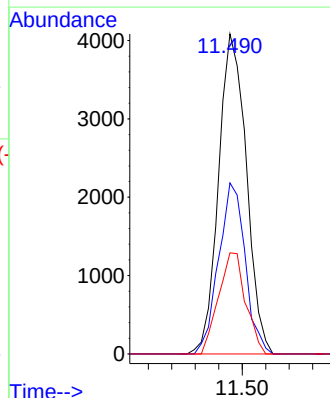
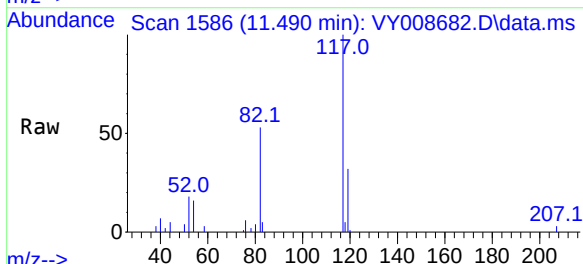
Instrument :
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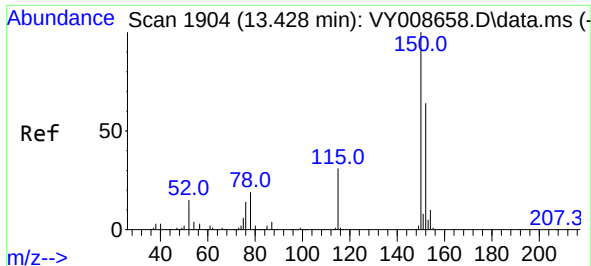
Tgt Ion:	95	Resp:	2395
Ion	Ratio	Lower	Upper
95	100		
174	88.3	0.0	177.0
176	94.4	0.0	175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY008682.D
Acq: 10 May 2022 16:10

Tgt Ion:	117	Resp:	6711
Ion	Ratio	Lower	Upper
117	100		
82	53.4	43.0	64.4
119	31.6	25.4	38.0

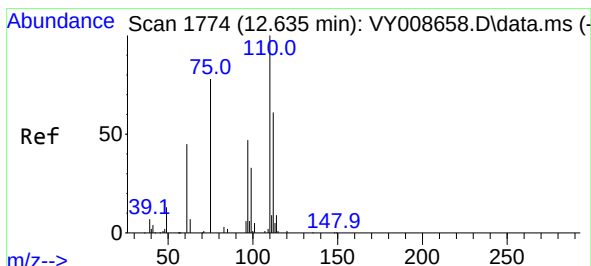
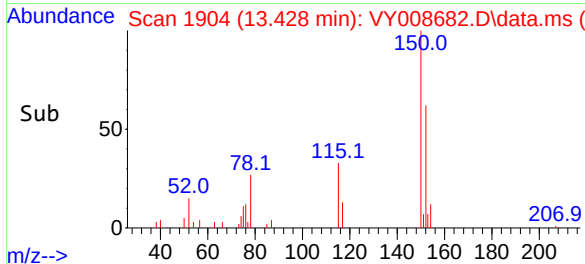
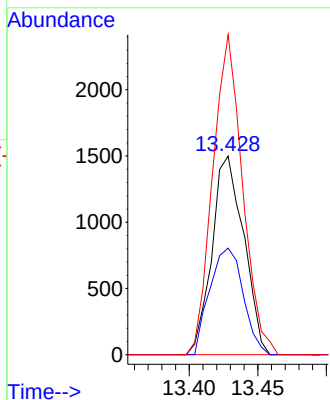
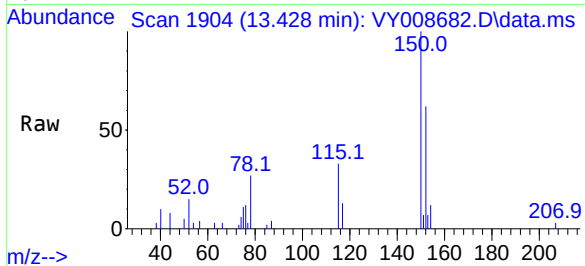




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008682.D
Acq: 10 May 2022 16:10

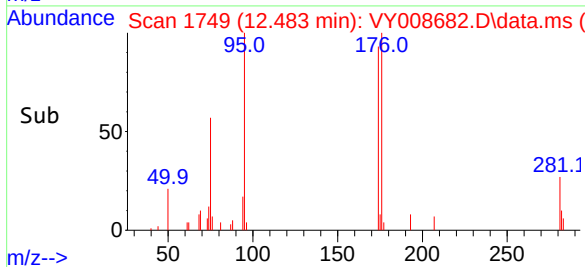
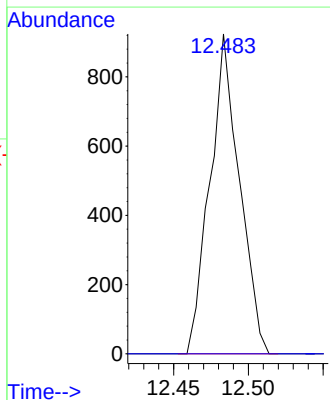
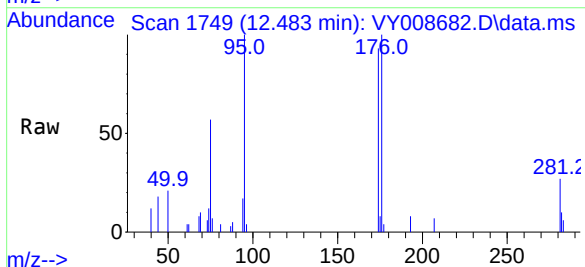
Instrument :
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ClientSampleId :
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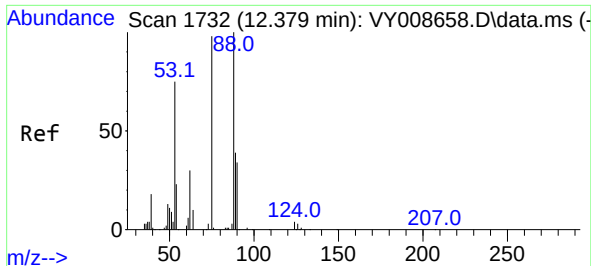
Tgt Ion:152 Resp: 2420
Ion Ratio Lower Upper
152 100
115 56.5 28.2 84.7
150 151.1 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 46.481 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY008682.D
Acq: 10 May 2022 16:10

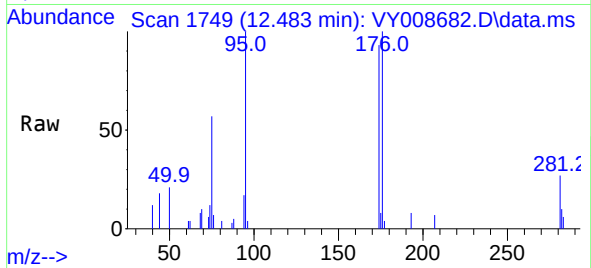
Tgt Ion: 75 Resp: 1268
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#81
trans-1,4-Dichloro-2-butene
Concen: 92.477 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY008682.D
Acq: 10 May 2022 16:10

Instrument :
MSVOA_Y
ClientSampleId :
SP-1



Tgt Ion:	75	Resp:	1268
Ion	Ratio	Lower	Upper
75	100		
53	0.0	85.3	127.9#
89	0.0	37.0	55.4#

