

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102122\
 Data File : VY011055.D
 Acq On : 21 Oct 2022 17:01
 Operator : KP/MD
 Sample : N5217-01RE
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-A1-3.5-4.0RE

Quant Time: Oct 22 01:24:06 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)

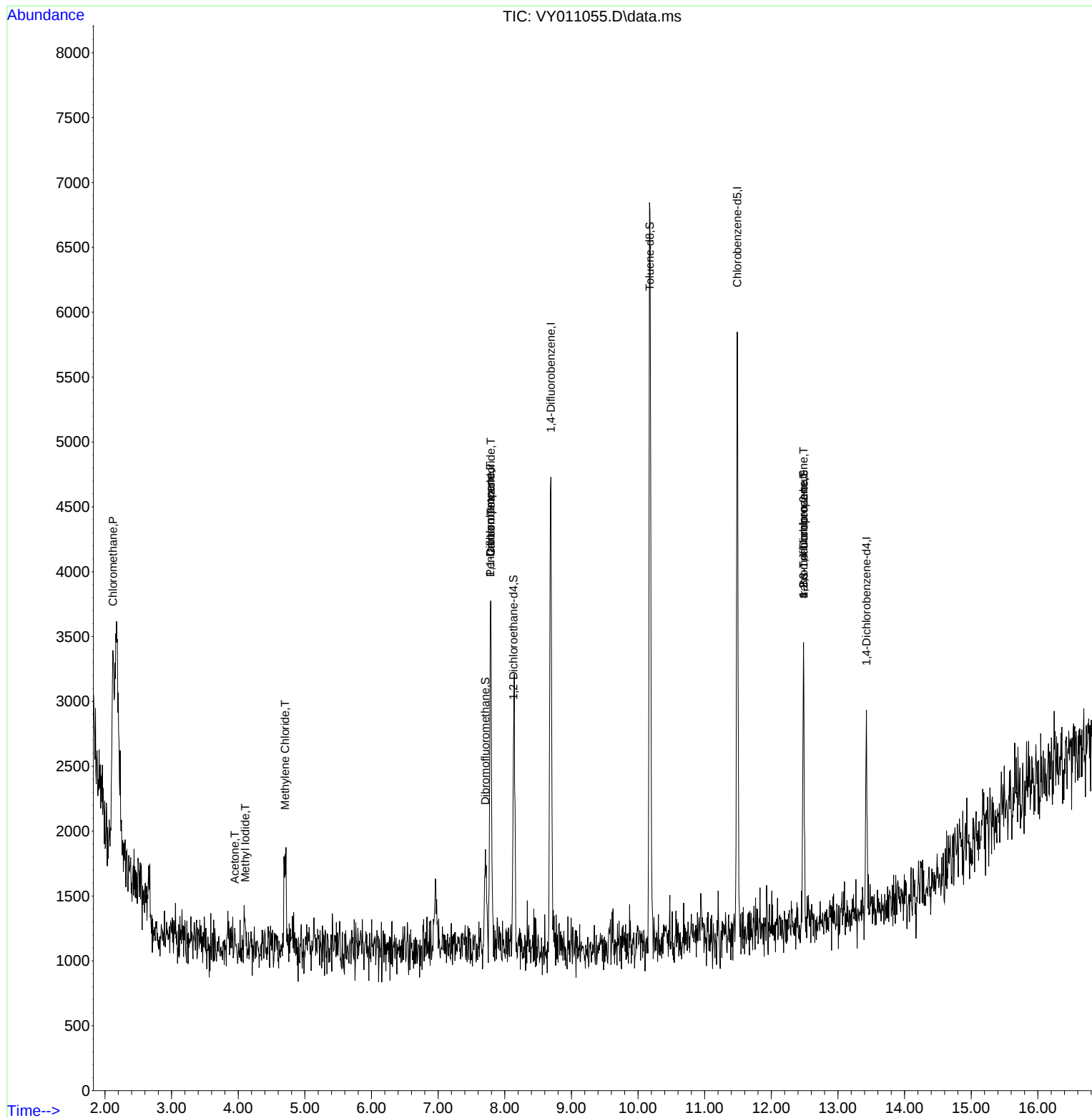
Internal Standards						
1) Pentafluorobenzene	7.783	168	2384	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.691	114	3750	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	2817	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	640	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	1647	75.000	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 150.000%	
35) Dibromofluoromethane	7.710	113	690	32.243	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 64.480%	
50) Toluene-d8	10.179	98	4501	57.484	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 114.960%	
62) 4-Bromofluorobenzene	12.483	95	733	24.884	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 49.760%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.119	50	118	5.201	ug/l	# 77
10) Methyl Iodide	4.107	142	290	10.039	ug/l	# 42
16) Acetone	3.948	43	163	25.560	ug/l	# 47
20) Methylene Chloride	4.704	84	338	6.690	ug/l	# 76
36) 1,1-Dichloropropene	7.783	75	127	3.638	ug/l	# 42
38) Carbon Tetrachloride	7.789	117	193	5.356	ug/l	# 11
76) 1,2,3-Trichloropropane	12.483	75	427	58.766	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	427	126.390	ug/l	# 7

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

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Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-A1-3.5-4.0RE

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QLast Update : Tue Oct 18 01:42:42 2022
Response via : Initial Calibration

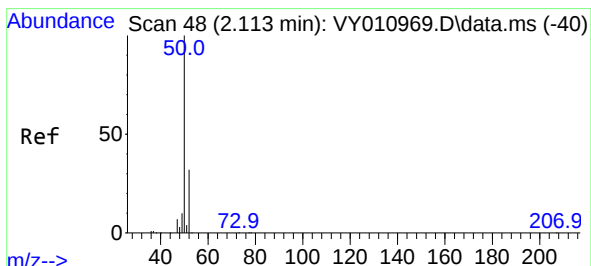
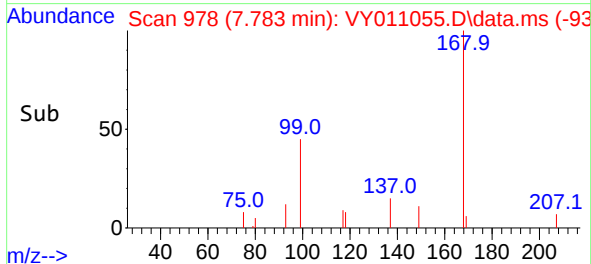
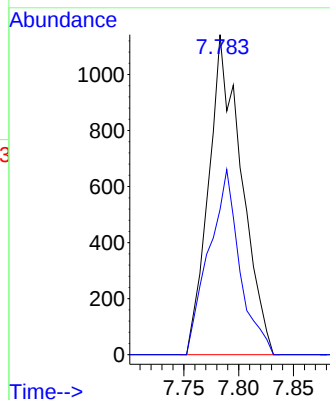
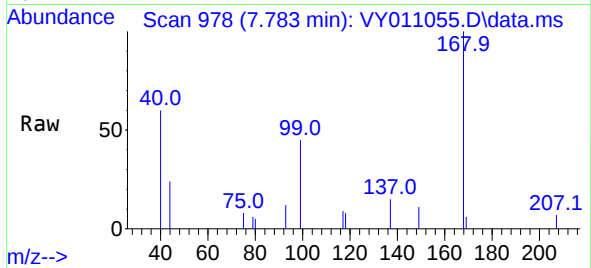




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011055.D
Acq: 21 Oct 2022 17:01

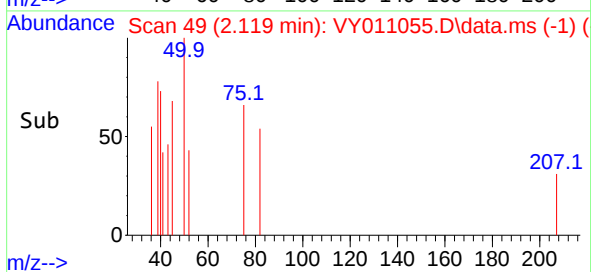
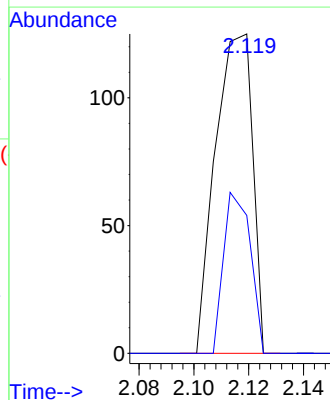
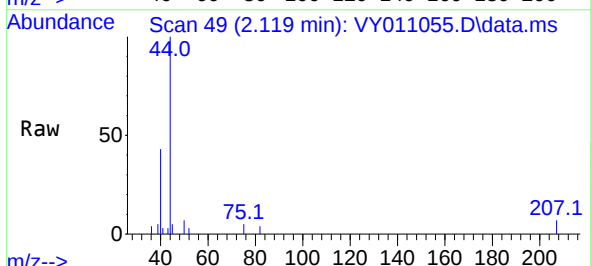
Instrument :
MSVOA_Y
ClientSampleId :
SB-A1-3.5-4.0RE

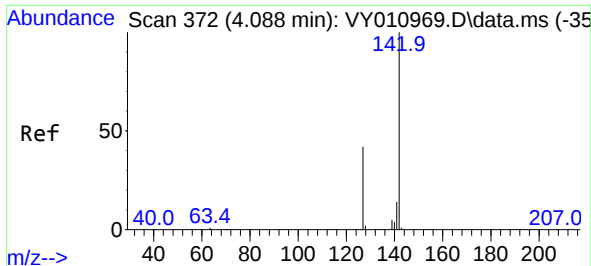
Tgt Ion:168 Resp: 2384
Ion Ratio Lower Upper
168 100
99 45.4 46.9 70.3#



#3
Chloromethane
Concen: 5.201 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY011055.D
Acq: 21 Oct 2022 17:01

Tgt Ion: 50 Resp: 118
Ion Ratio Lower Upper
50 100
52 43.2 24.6 37.0#

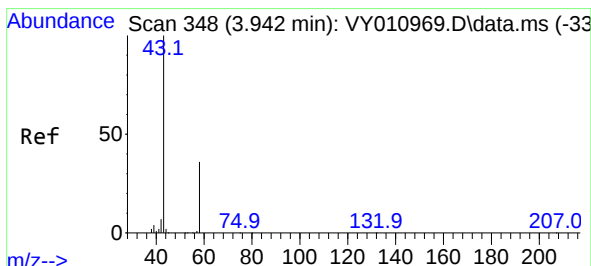
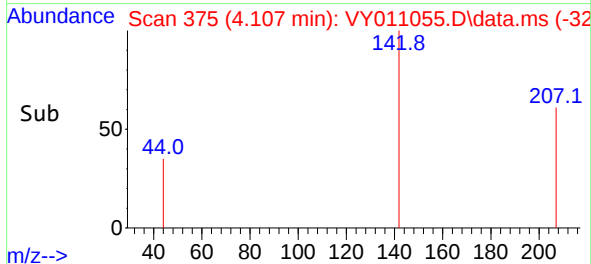
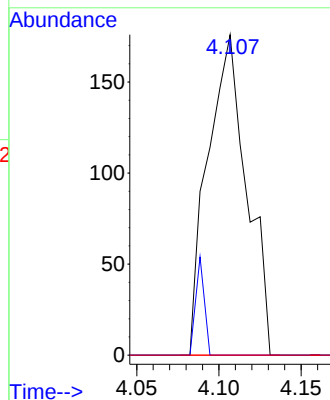
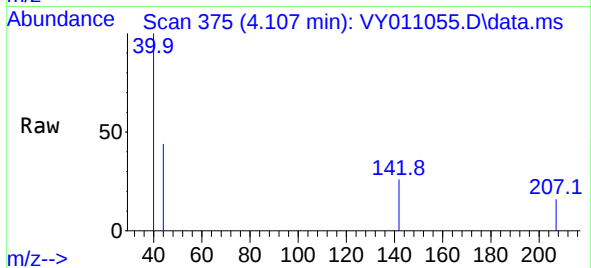




#10
Methyl Iodide
Concen: 10.039 ug/l
RT: 4.107 min Scan# 31
Delta R.T. 0.019 min
Lab File: VY011055.D
Acq: 21 Oct 2022 17:01

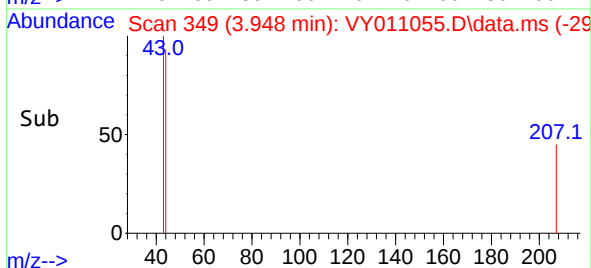
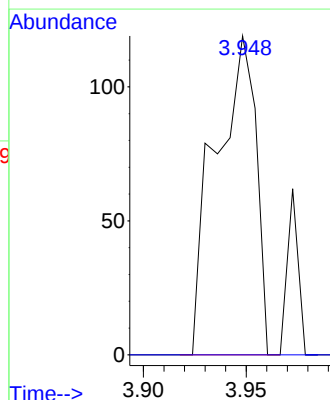
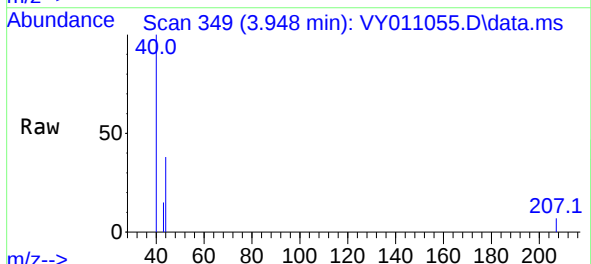
Instrument :
MSVOA_Y
ClientSampleId :
SB-A1-3.5-4.0RE

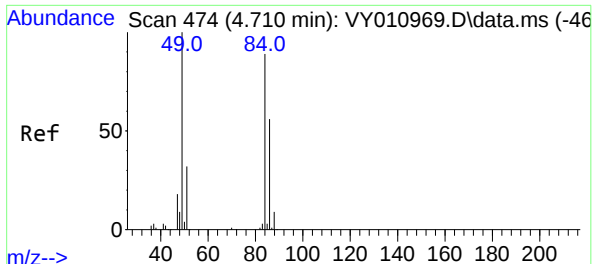
Tgt Ion:142 Resp: 290
Ion Ratio Lower Upper
142 100
127 6.9 41.5 62.3#
141 0.0 11.9 17.9#



#16
Acetone
Concen: 25.560 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY011055.D
Acq: 21 Oct 2022 17:01

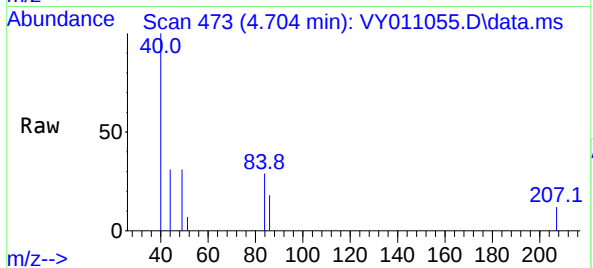
Tgt Ion: 43 Resp: 163
Ion Ratio Lower Upper
43 100
58 0.0 22.0 33.0#





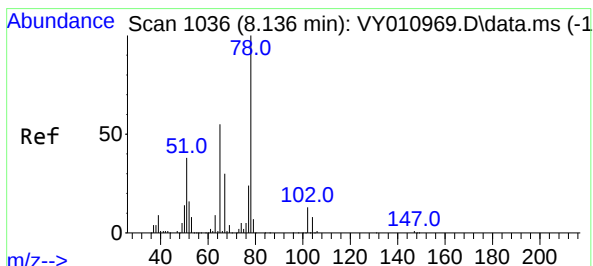
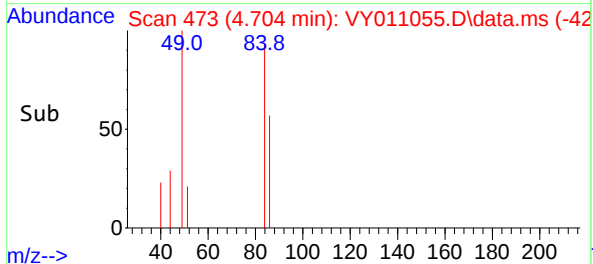
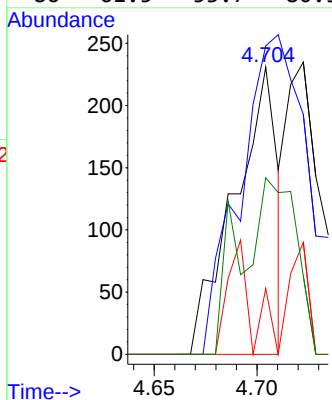
#20
Methylene Chloride
Concen: 6.690 ug/l
RT: 4.704 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY011055.D
Acq: 21 Oct 2022 17:01

Instrument :
MSVOA_Y
ClientSampleId :
SB-A1-3.5-4.0RE



Tgt Ion: 84 Resp: 338

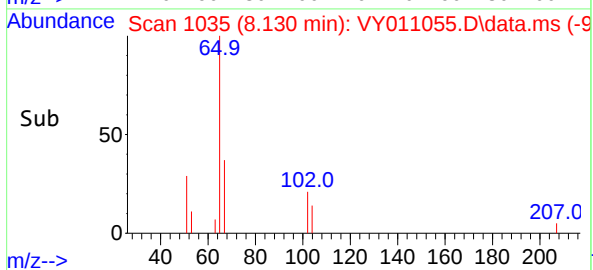
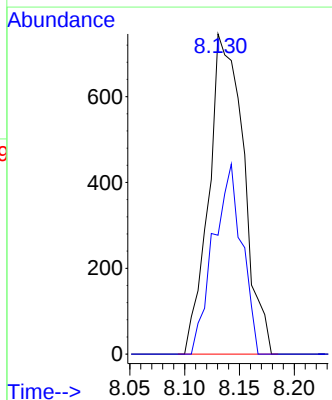
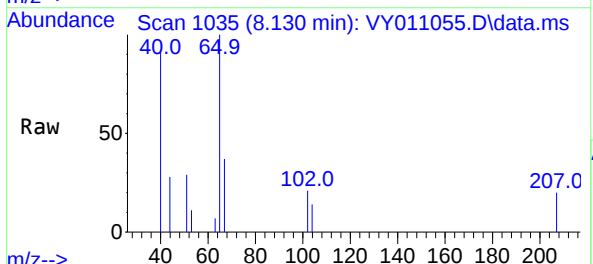
Ion	Ratio	Lower	Upper
84	100		
49	107.4	114.4	171.6#
51	22.9	35.3	52.9#
86	61.5	53.7	80.5

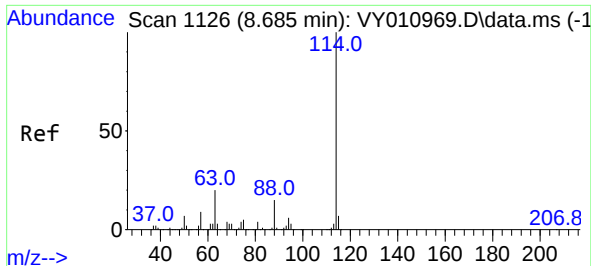


#33
1,2-Dichloroethane-d4
Concen: 75.000 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.006 min
Lab File: VY011055.D
Acq: 21 Oct 2022 17:01

Tgt Ion: 65 Resp: 1647

Ion	Ratio	Lower	Upper
65	100		
67	48.6	0.0	99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VY011055.D

Acq: 21 Oct 2022 17:01

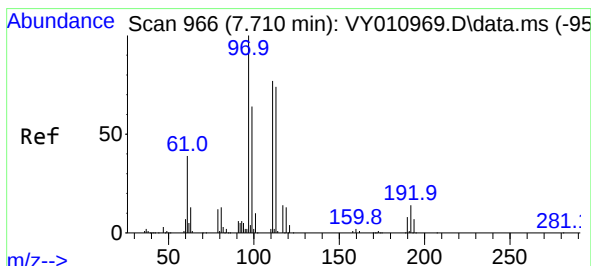
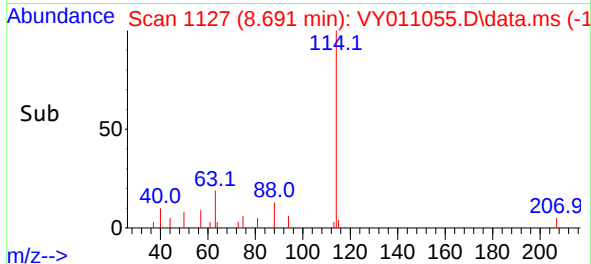
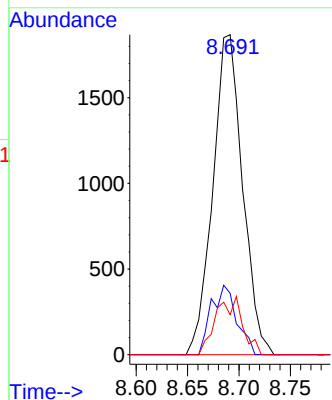
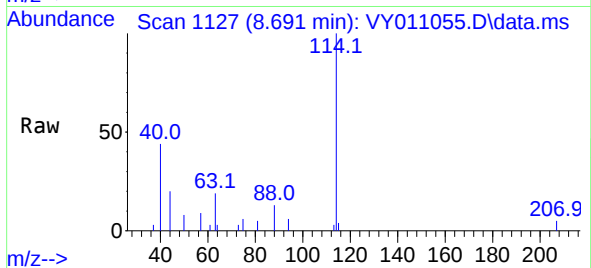
Instrument :

MSVOA_Y

ClientSampleId :

SB-A1-3.5-4.0RE

Tgt Ion:114	Resp:	3750
Ion	Ratio	Lower Upper
114	100	
63	19.2	0.0 43.2
88	12.5	0.0 31.8



#35

Dibromofluoromethane

Concen: 32.243 ug/l

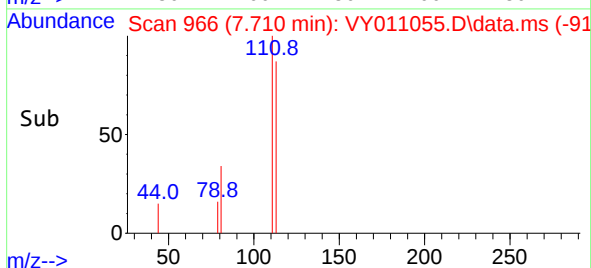
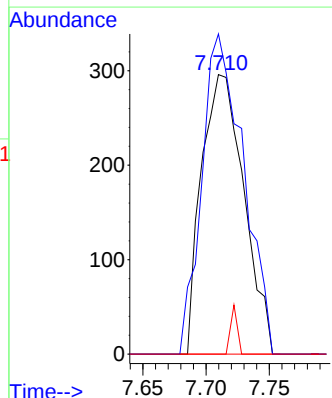
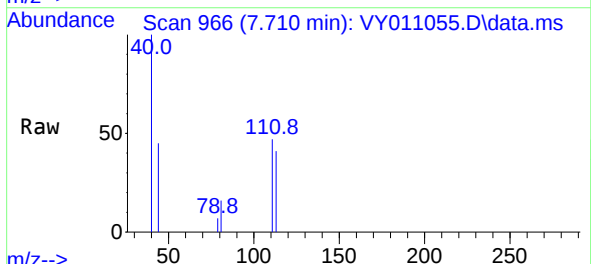
RT: 7.710 min Scan# 966

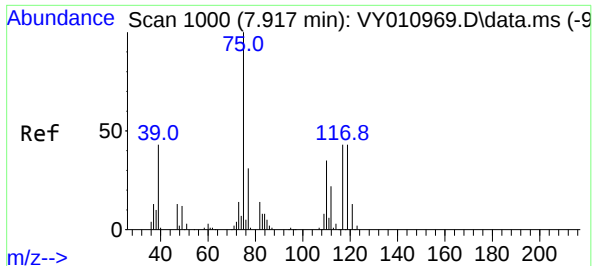
Delta R.T. -0.000 min

Lab File: VY011055.D

Acq: 21 Oct 2022 17:01

Tgt Ion:113	Resp:	690
Ion	Ratio	Lower Upper
113	100	
111	112.5	82.6 124.0
192	2.8	17.6 26.4





#36

1,1-Dichloropropene

Concen: 3.638 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.134 min

Lab File: VY011055.D

Acq: 21 Oct 2022 17:01

Instrument :

MSVOA_Y

ClientSampleId :

SB-A1-3.5-4.0RE

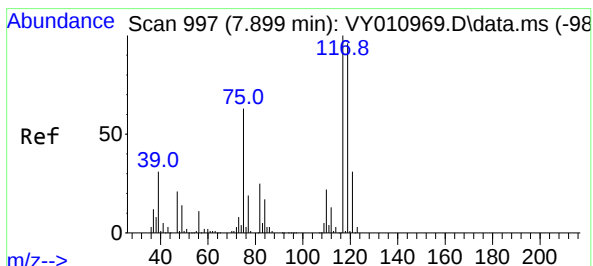
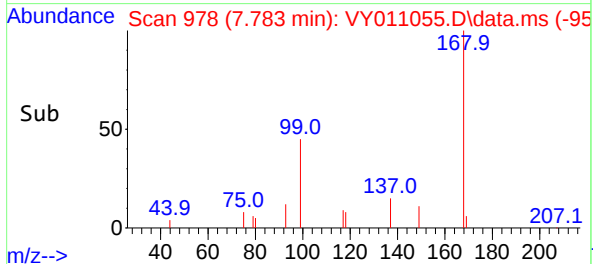
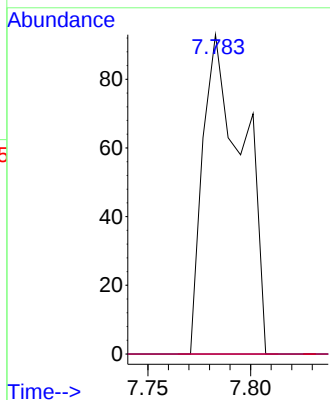
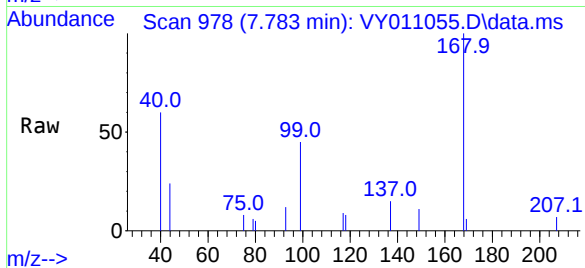
Tgt Ion: 75 Resp: 127

Ion Ratio Lower Upper

75 100

110 0.0 17.1 51.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.356 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY011055.D

Acq: 21 Oct 2022 17:01

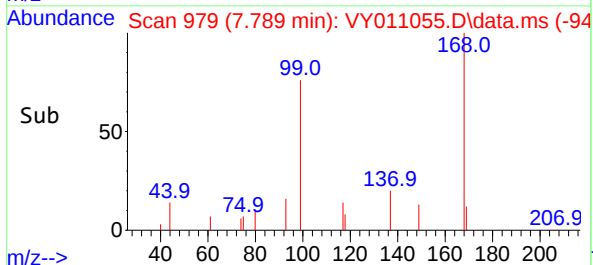
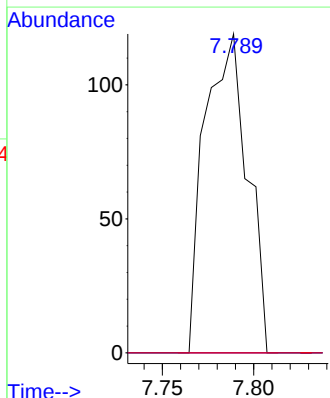
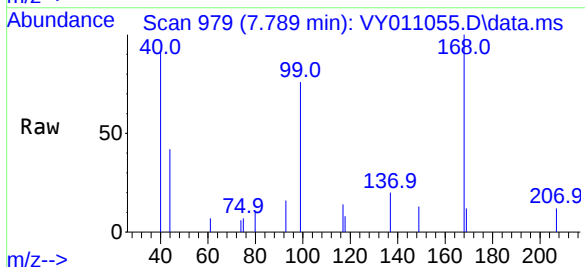
Tgt Ion: 117 Resp: 193

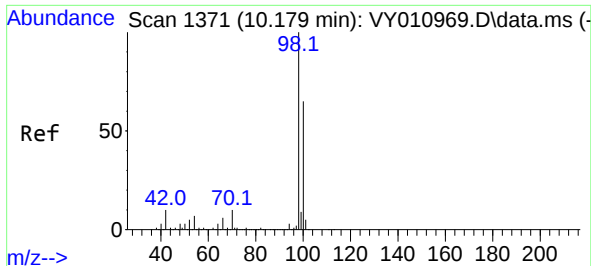
Ion Ratio Lower Upper

117 100

119 0.0 77.9 116.9#

121 0.0 24.8 37.2#

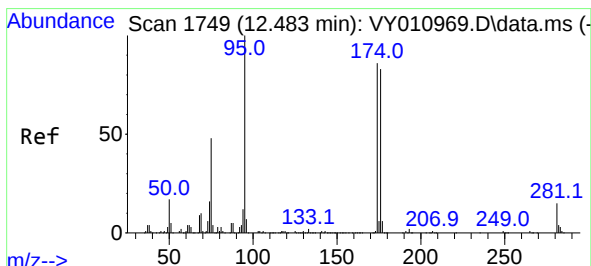
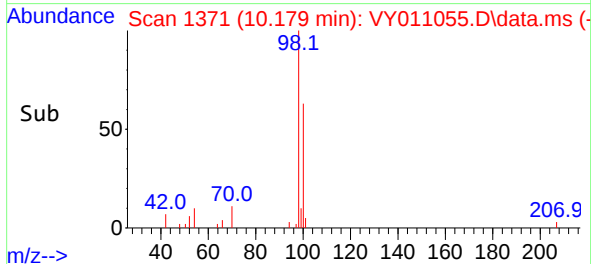
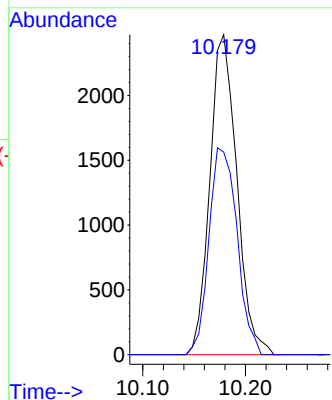
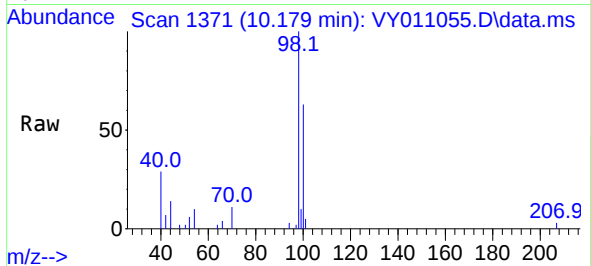




#50
Toluene-d8
Concen: 57.484 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011055.D
Acq: 21 Oct 2022 17:01

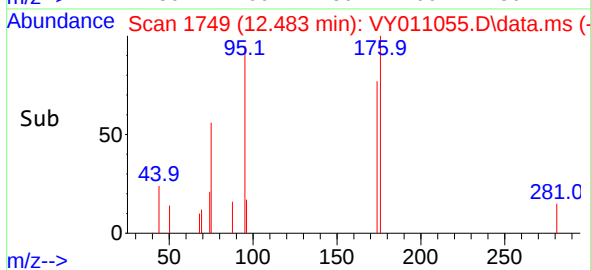
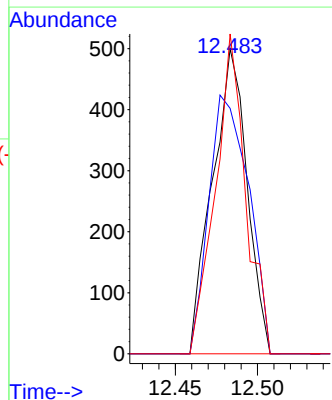
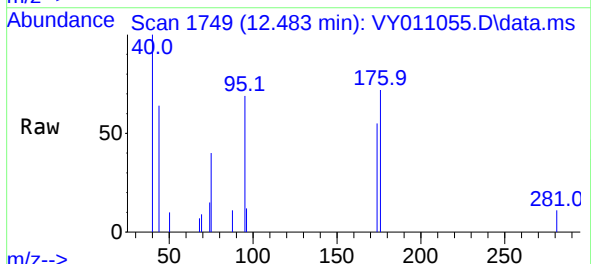
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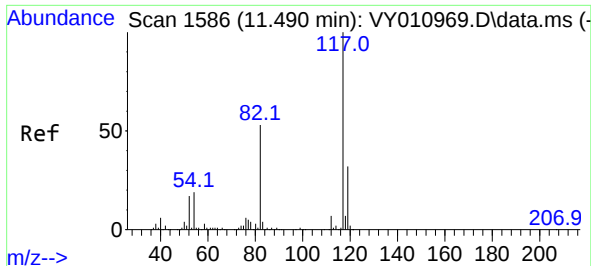
Tgt Ion: 98 Resp: 4501
Ion Ratio Lower Upper
98 100
100 67.4 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 24.884 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011055.D
Acq: 21 Oct 2022 17:01

Tgt Ion: 95 Resp: 733
Ion Ratio Lower Upper
95 100
174 97.4 0.0 177.0
176 91.5 0.0 175.8

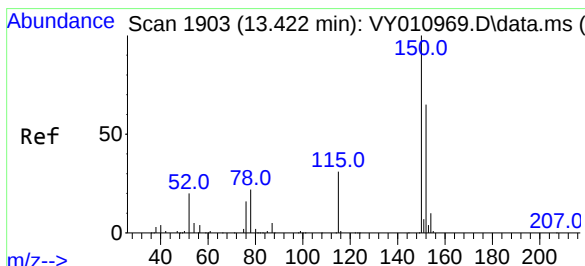
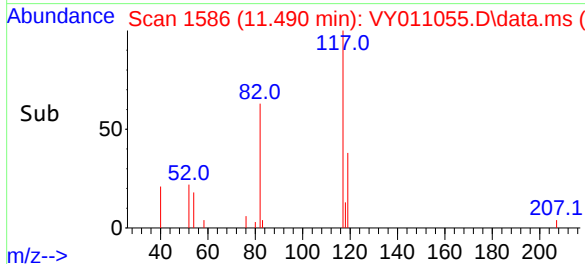
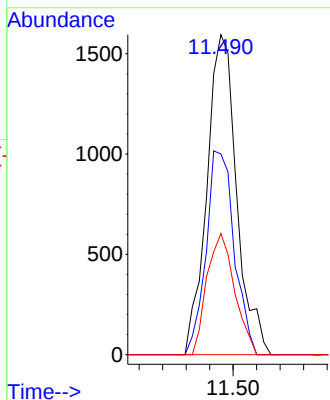
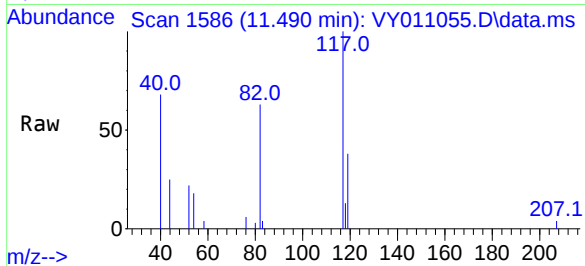




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011055.D
Acq: 21 Oct 2022 17:01

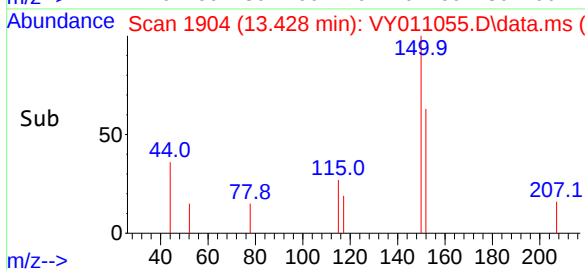
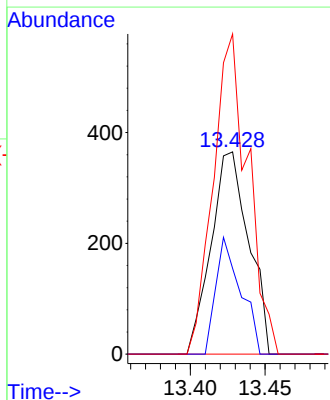
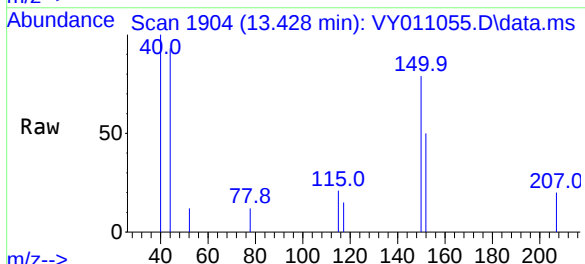
Instrument :
MSVOA_Y
ClientSampleId :
SB-A1-3.5-4.0RE

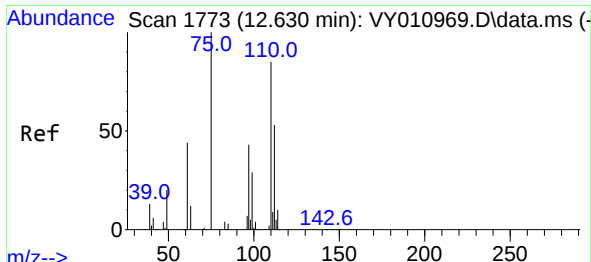
Tgt Ion:	117	Resp:	2817
Ion	Ratio	Lower	Upper
117	100		
82	62.7	43.0	64.4
119	37.9	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY011055.D
Acq: 21 Oct 2022 17:01

Tgt Ion:	152	Resp:	640
Ion	Ratio	Lower	Upper
152	100		
115	38.1	28.2	84.7
150	146.4	0.0	347.6

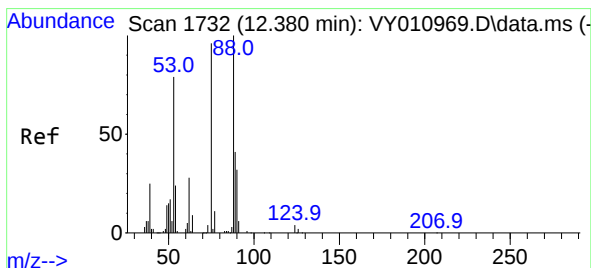
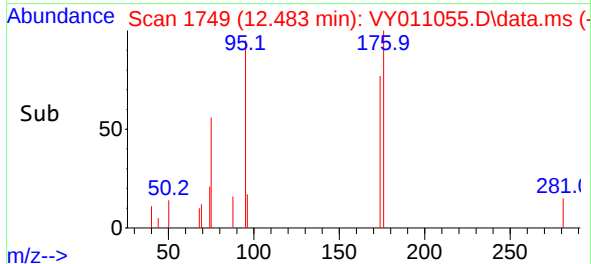
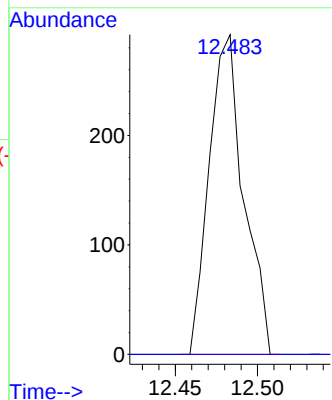
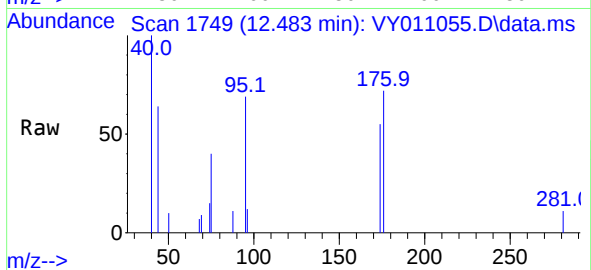




#76
1,2,3-Trichloropropane
Concen: 58.766 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY011055.D
Acq: 21 Oct 2022 17:01

Instrument :
MSVOA_Y
ClientSampleId :
SB-A1-3.5-4.0RE

Tgt Ion: 75 Resp: 427
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 126.390 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY011055.D
Acq: 21 Oct 2022 17:01

Tgt Ion: 75 Resp: 427
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#

