

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121322\
 Data File : VY011816.D
 Acq On : 14 Dec 2022 01:14
 Operator : KP/MD
 Sample : N6037-07
 Misc : 5.30g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RB-21-(6-8)

Quant Time: Dec 14 05:37:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120922S.M
 Quant Title : SW846 8260
 QLast Update : Sat Dec 10 04:19:59 2022
 Response via : Initial Calibration

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

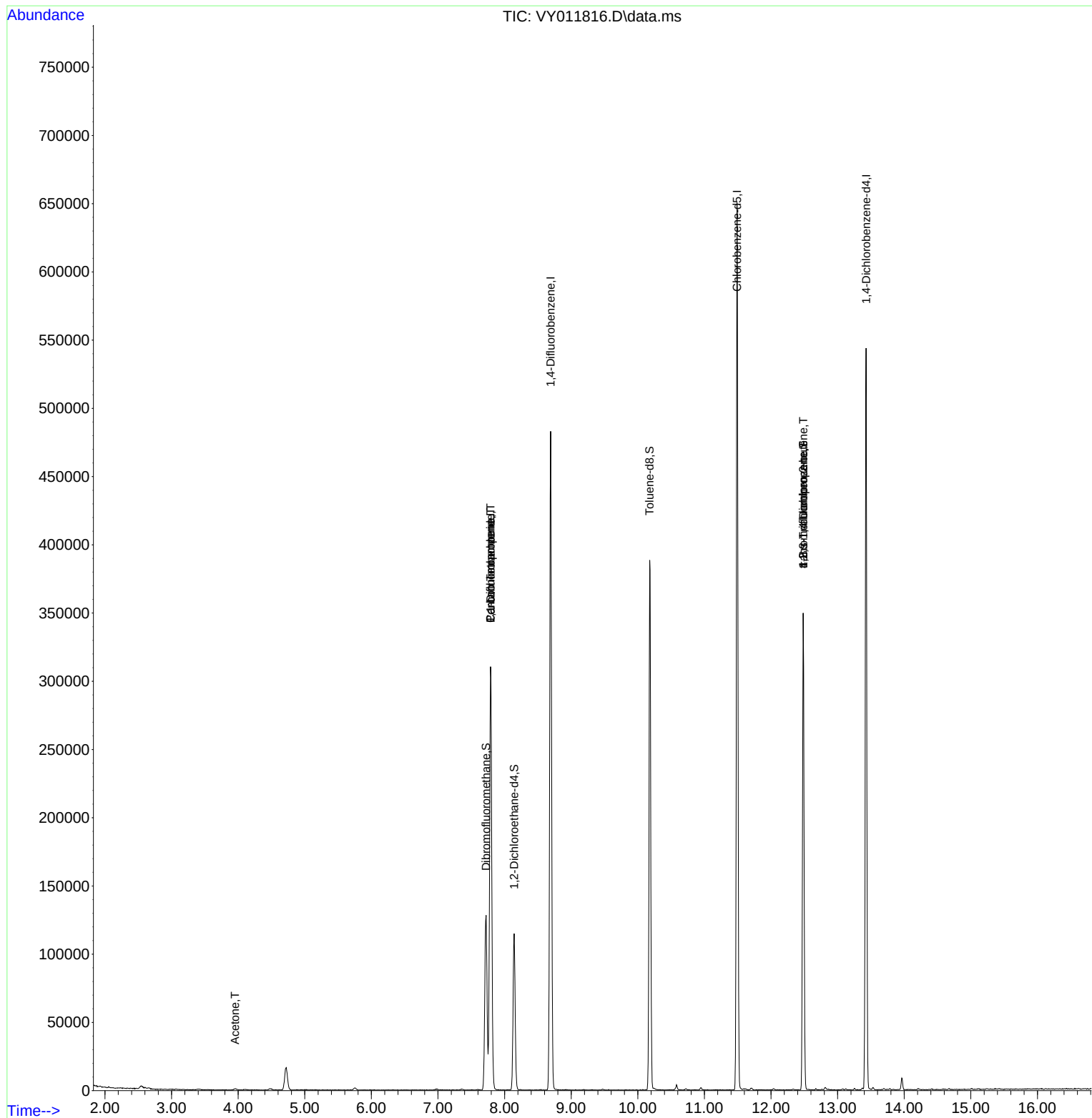
Internal Standards						
1) Pentafluorobenzene	7.789	168	240309	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	406716	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	347789	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	143216	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	89290	54.923	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.840%	
35) Dibromofluoromethane	7.722	113	92374	51.214	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.420%	
50) Toluene-d8	10.178	98	260655	43.077	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 86.160%	
62) 4-Bromofluorobenzene	12.483	95	96645	40.079	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 80.160%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.125	50	135	Below Cal	#	41
5) Bromomethane	2.662	94	192	Below Cal		90
11) Tert butyl alcohol	4.948	59	207	Below Cal	#	74
16) Acetone	3.954	43	1751	2.669 ug/l	#	76
18) Methyl Acetate	4.490	43	1911	Below Cal		97
20) Methylene Chloride	4.722	84	12352	Below Cal		94
31) Cyclohexane	7.789	56	4659	Below Cal	#	1
36) 1,1-Dichloropropene	7.789	75	17779	5.761 ug/l	#	50
38) Carbon Tetrachloride	7.789	117	24184	6.671 ug/l	#	18
76) 1,2,3-Trichloropropane	12.483	75	49545	34.193 ug/l	#	100
81) trans-1,4-Dichloro-2-b...	12.483	75	49545	77.591 ug/l	#	13

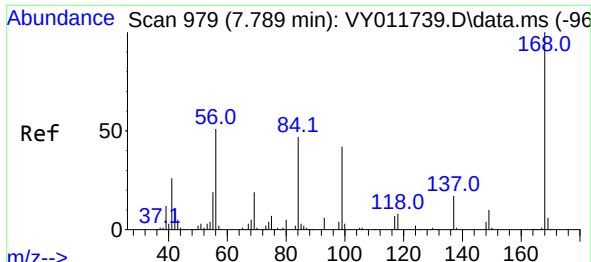
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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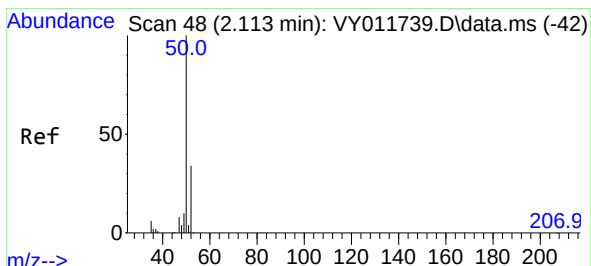
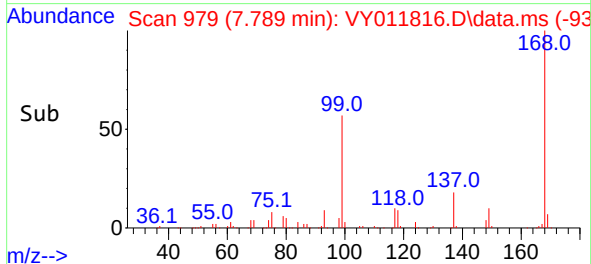
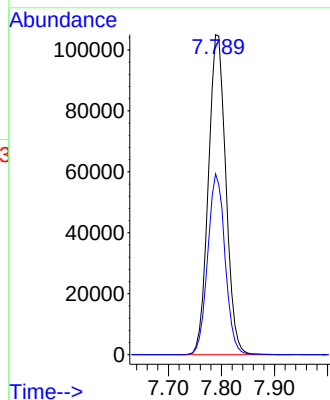
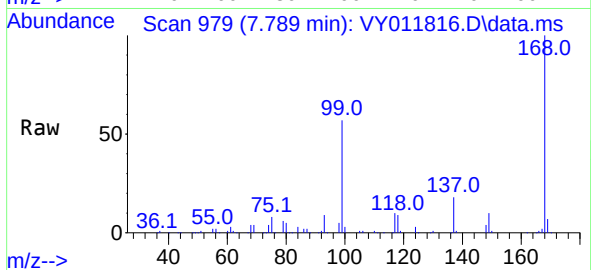




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011816.D
Acq: 14 Dec 2022 01:14

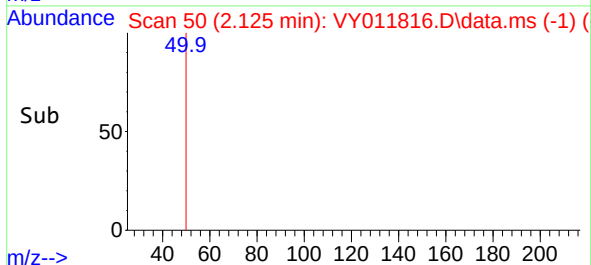
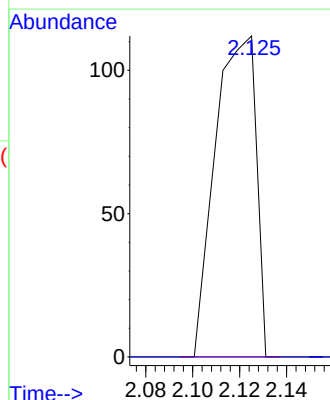
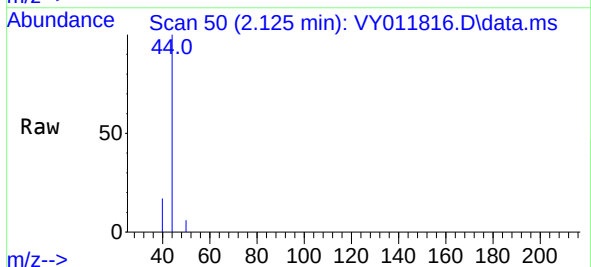
Instrument :
MSVOA_Y
ClientSampleId :
RB-21-(6-8)

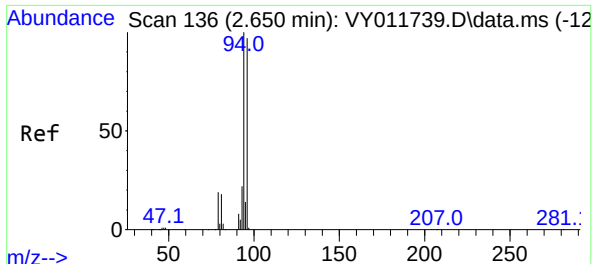
Tgt Ion:168 Resp: 240309
Ion Ratio Lower Upper
168 100
99 56.5 44.0 66.0



#3
Chloromethane
Concen: Below Cal
RT: 2.125 min Scan# 50
Delta R.T. 0.012 min
Lab File: VY011816.D
Acq: 14 Dec 2022 01:14

Tgt Ion: 50 Resp: 135
Ion Ratio Lower Upper
50 100
52 0.0 26.8 40.2#

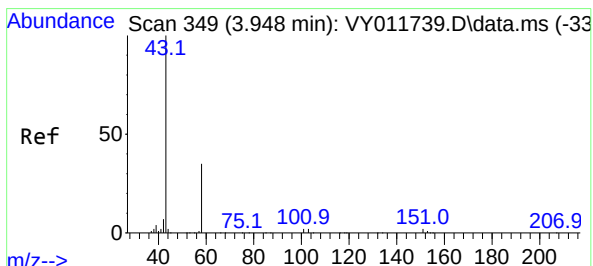
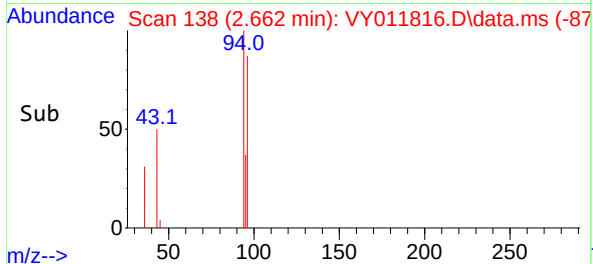
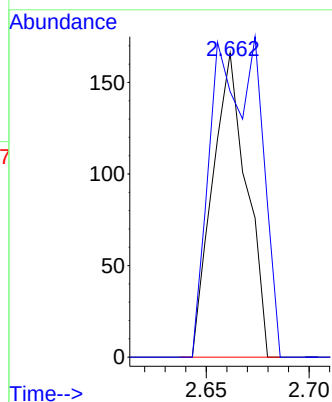
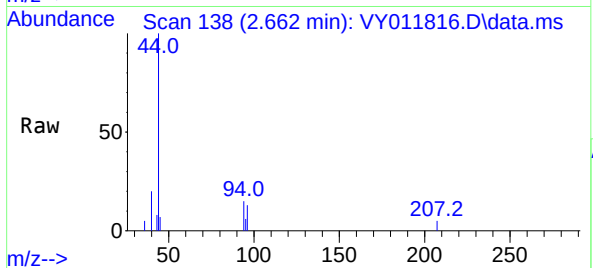




#5
Bromomethane
Concen: Below Cal
RT: 2.662 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY011816.D
Acq: 14 Dec 2022 01:14

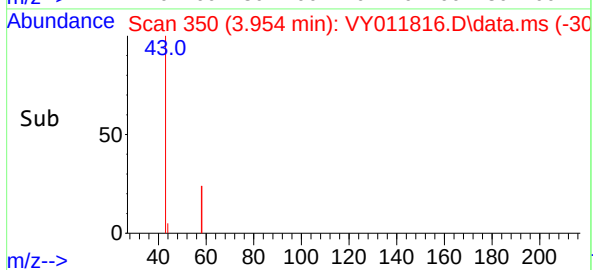
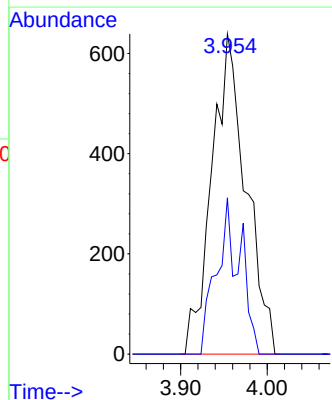
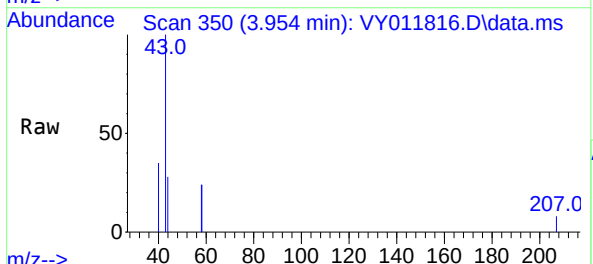
Instrument :
MSVOA_Y
ClientSampleId :
RB-21-(6-8)

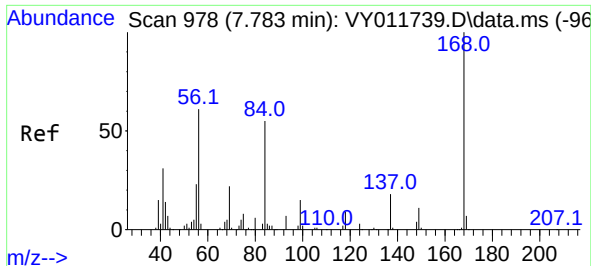
Tgt Ion: 94 Resp: 192
Ion Ratio Lower Upper
94 100
96 87.3 77.4 116.2



#16
Acetone
Concen: 2.669 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY011816.D
Acq: 14 Dec 2022 01:14

Tgt Ion: 43 Resp: 1751
Ion Ratio Lower Upper
43 100
58 48.8 27.9 41.9#

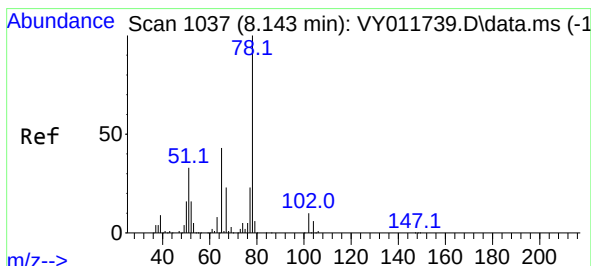
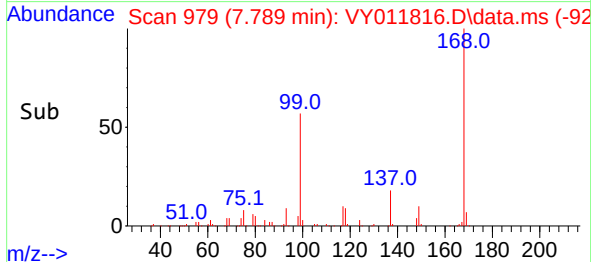
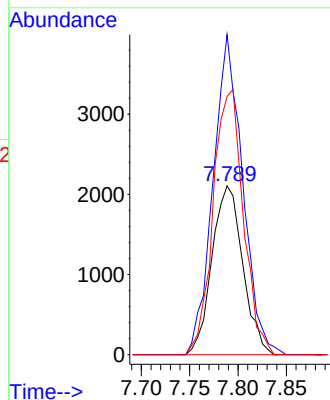
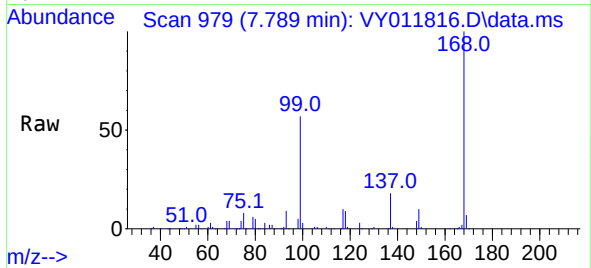




#31
Cyclohexane
Concen: Below Cal
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY011816.D
Acq: 14 Dec 2022 01:14

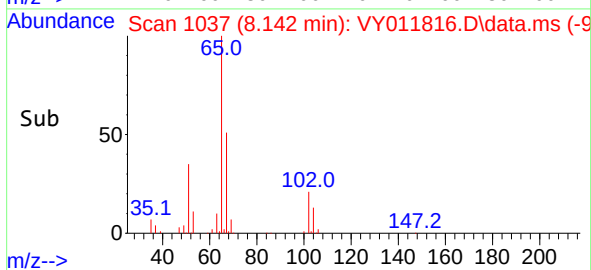
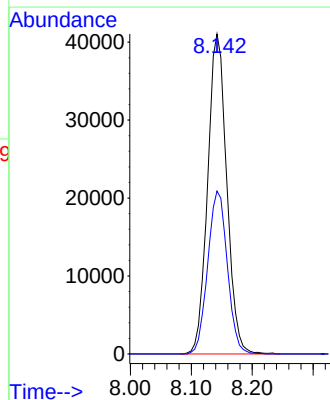
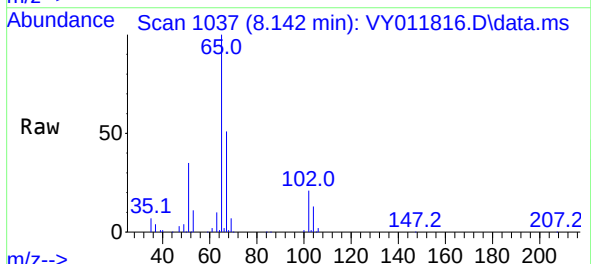
Instrument :
MSVOA_Y
ClientSampleId :
RB-21-(6-8)

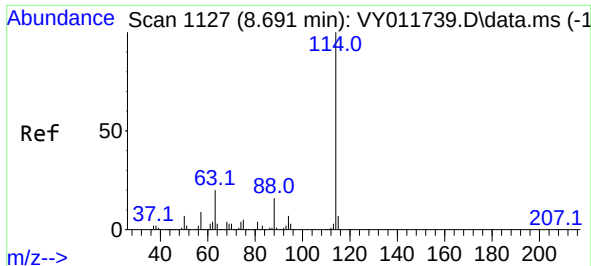
Tgt Ion: 56 Resp: 4659
Ion Ratio Lower Upper
56 100
69 189.5 29.2 43.8#
84 152.9 72.6 108.8#



#33
1,2-Dichloroethane-d4
Concen: 54.923 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY011816.D
Acq: 14 Dec 2022 01:14

Tgt Ion: 65 Resp: 89290
Ion Ratio Lower Upper
65 100
67 52.2 0.0 103.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY011816.D

Acq: 14 Dec 2022 01:14

Instrument :

MSVOA_Y

ClientSampleId :

RB-21-(6-8)

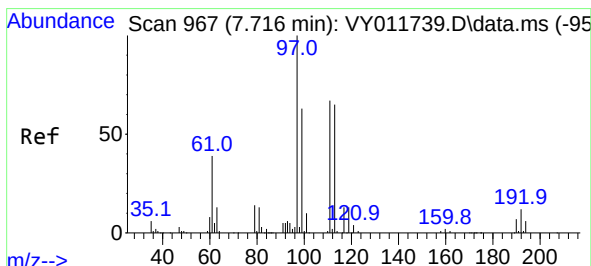
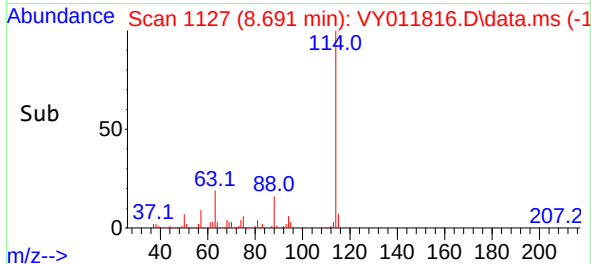
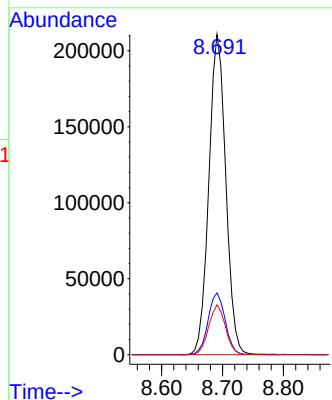
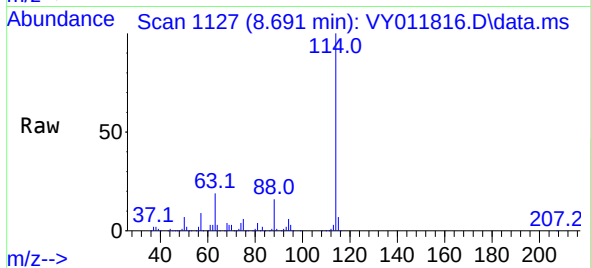
Tgt Ion:114 Resp: 406716

Ion Ratio Lower Upper

114 100

63 19.3 0.0 39.6

88 15.5 0.0 32.2



#35

Dibromofluoromethane

Concen: 51.214 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY011816.D

Acq: 14 Dec 2022 01:14

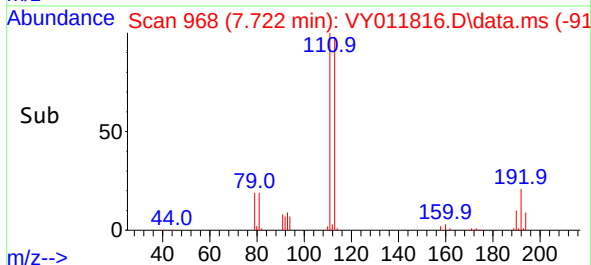
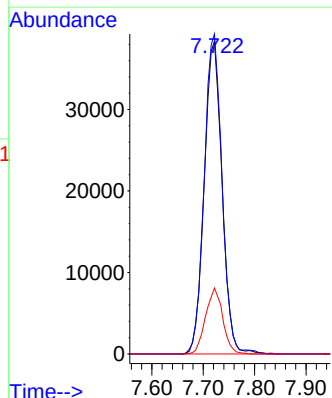
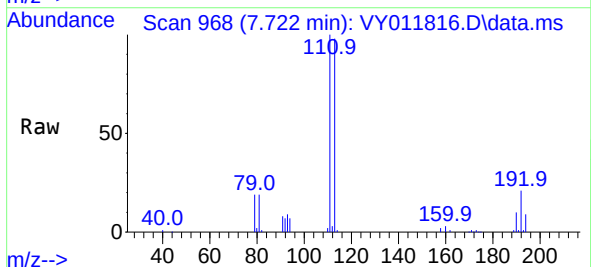
Tgt Ion:113 Resp: 92374

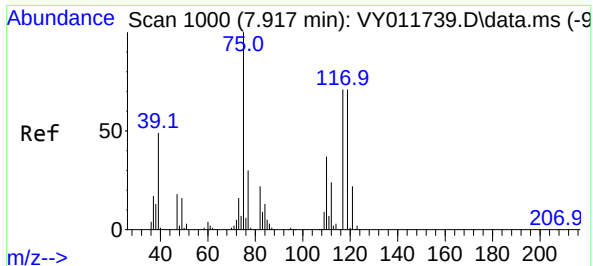
Ion Ratio Lower Upper

113 100

111 102.1 83.0 124.4

192 20.3 16.0 24.0





#36

1,1-Dichloropropene

Concen: 5.761 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY011816.D

Acq: 14 Dec 2022 01:14

Instrument :

MSVOA_Y

ClientSampleId :

RB-21-(6-8)

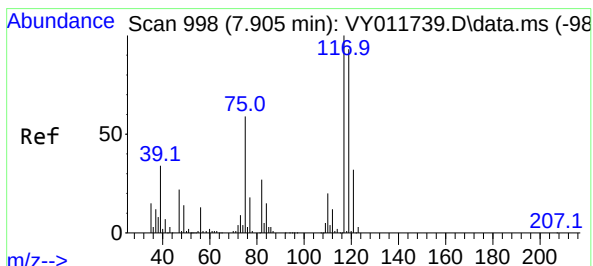
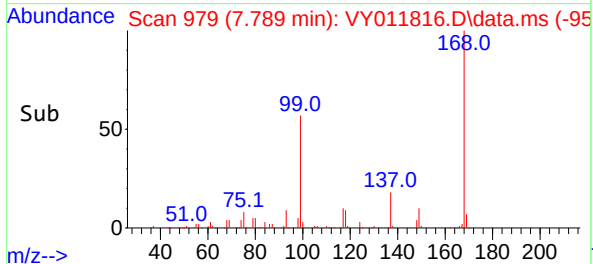
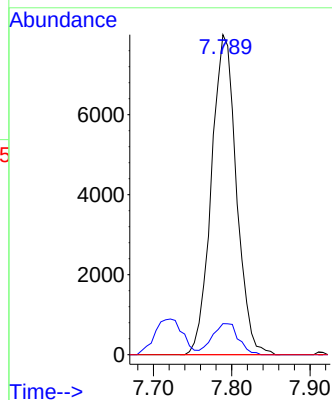
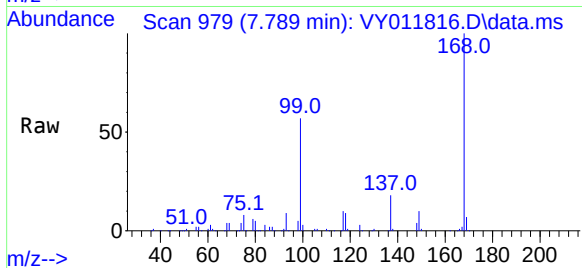
Tgt Ion: 75 Resp: 17779

Ion Ratio Lower Upper

75 100

110 10.1 18.1 54.1#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 6.671 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.116 min

Lab File: VY011816.D

Acq: 14 Dec 2022 01:14

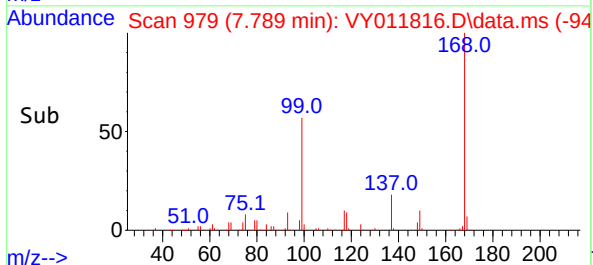
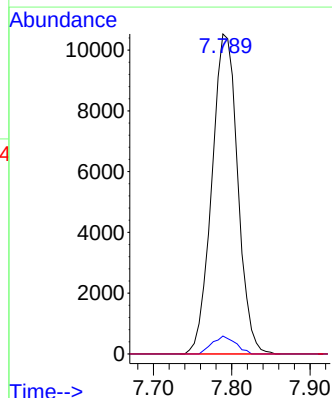
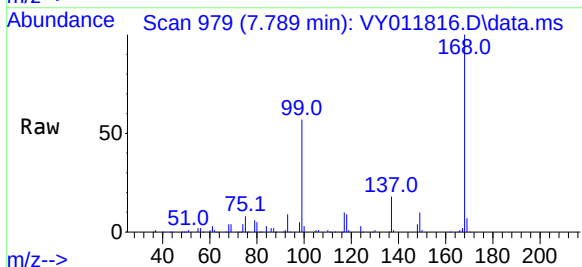
Tgt Ion: 117 Resp: 24184

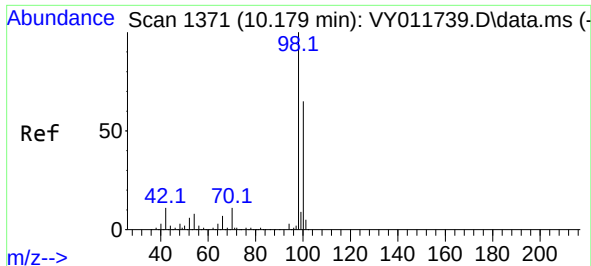
Ion Ratio Lower Upper

117 100

119 5.6 73.8 110.8#

121 0.0 25.2 37.8#

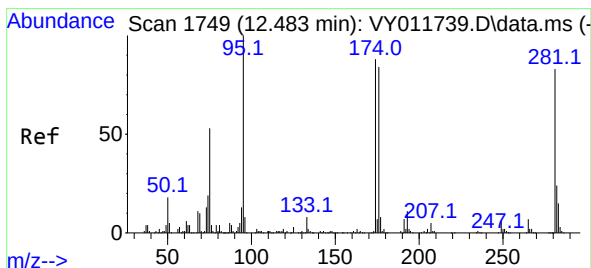
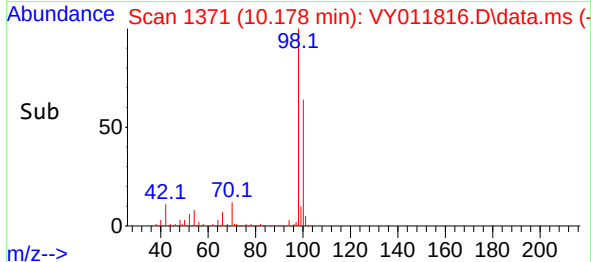
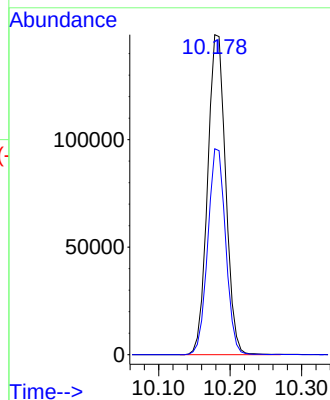
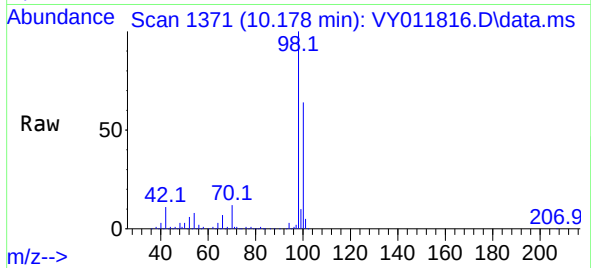




#50
Toluene-d8
Concen: 43.077 ug/l
RT: 10.178 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY011816.D
Acq: 14 Dec 2022 01:14

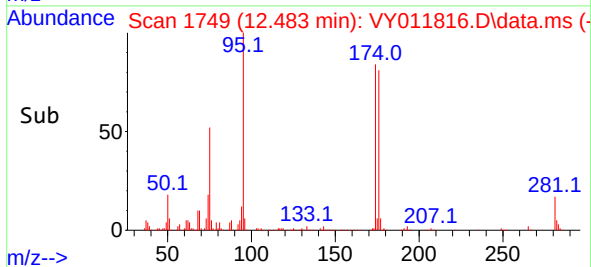
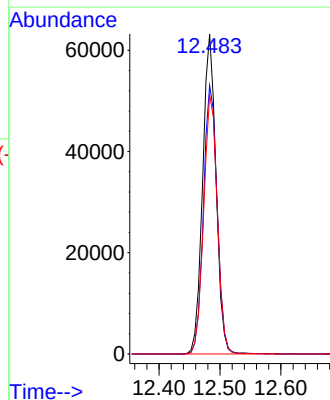
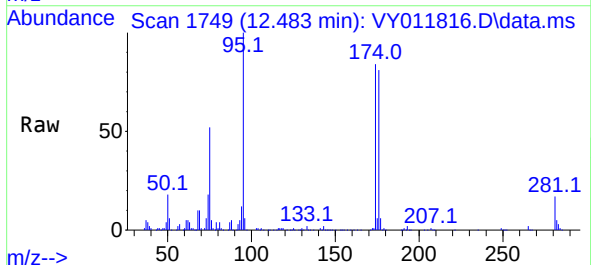
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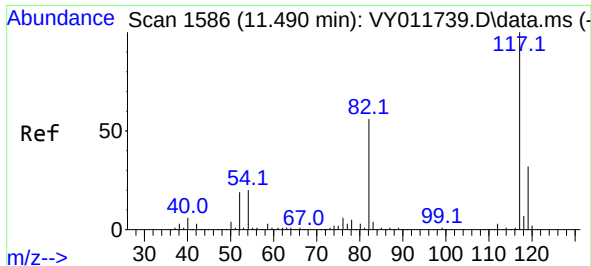
Tgt Ion: 98 Resp: 260655
Ion Ratio Lower Upper
98 100
100 63.8 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 40.079 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY011816.D
Acq: 14 Dec 2022 01:14

Tgt Ion: 95 Resp: 96645
Ion Ratio Lower Upper
95 100
174 86.2 0.0 172.0
176 82.5 0.0 167.6

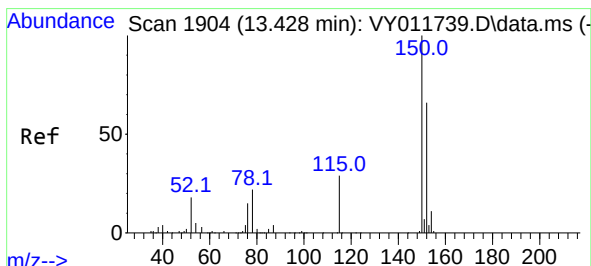
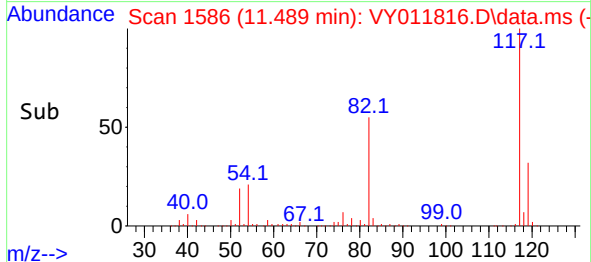
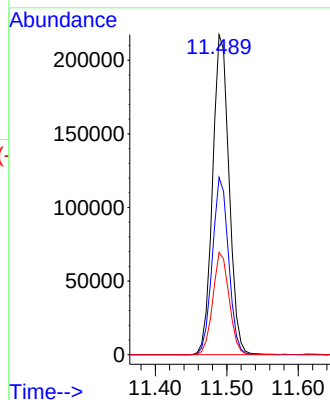
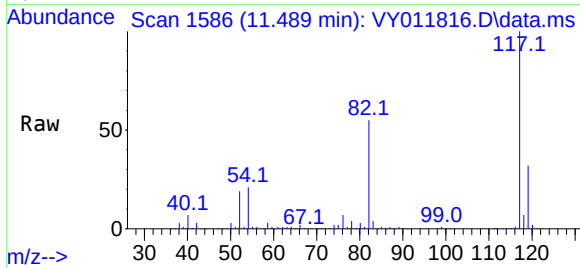




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY011816.D
Acq: 14 Dec 2022 01:14

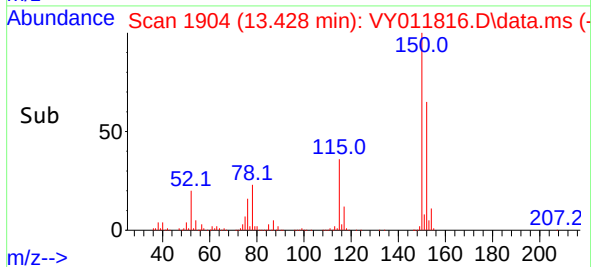
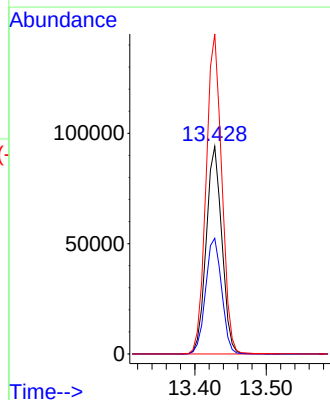
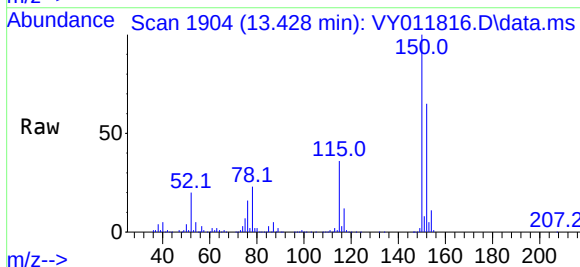
Instrument :
MSVOA_Y
ClientSampleId :
RB-21-(6-8)

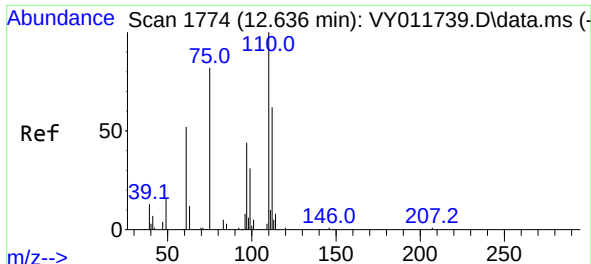
Tgt Ion:117 Resp: 347789
Ion Ratio Lower Upper
117 100
82 55.4 44.8 67.2
119 32.0 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY011816.D
Acq: 14 Dec 2022 01:14

Tgt Ion:152 Resp: 143216
Ion Ratio Lower Upper
152 100
115 57.2 29.1 87.3
150 154.7 0.0 342.6

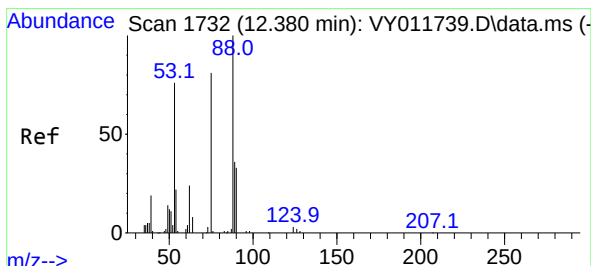
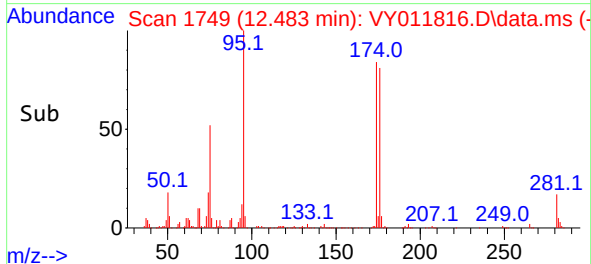
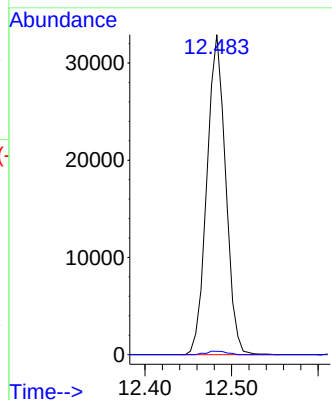
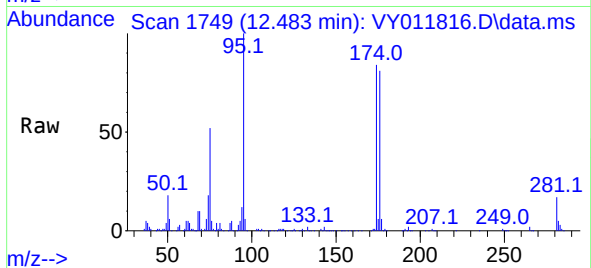




#76
1,2,3-Trichloropropane
Concen: 34.193 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY011816.D
Acq: 14 Dec 2022 01:14

Instrument :
MSVOA_Y
ClientSampleId :
RB-21-(6-8)

Tgt Ion: 75 Resp: 49545
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 77.591 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY011816.D
Acq: 14 Dec 2022 01:14

Tgt Ion: 75 Resp: 49545
Ion Ratio Lower Upper
75 100
53 0.0 72.5 108.7#
89 0.3 37.0 55.4#

