

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011722\
 Data File : VY007191.D
 Acq On : 17 Jan 2022 16:50
 Operator : SY/MD
 Sample : N1145-02
 Misc : 6.24g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 A3-2-5.5

Quant Time: Jan 18 03:10:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 14 05:48:29 2022
 Response via : Initial Calibration

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

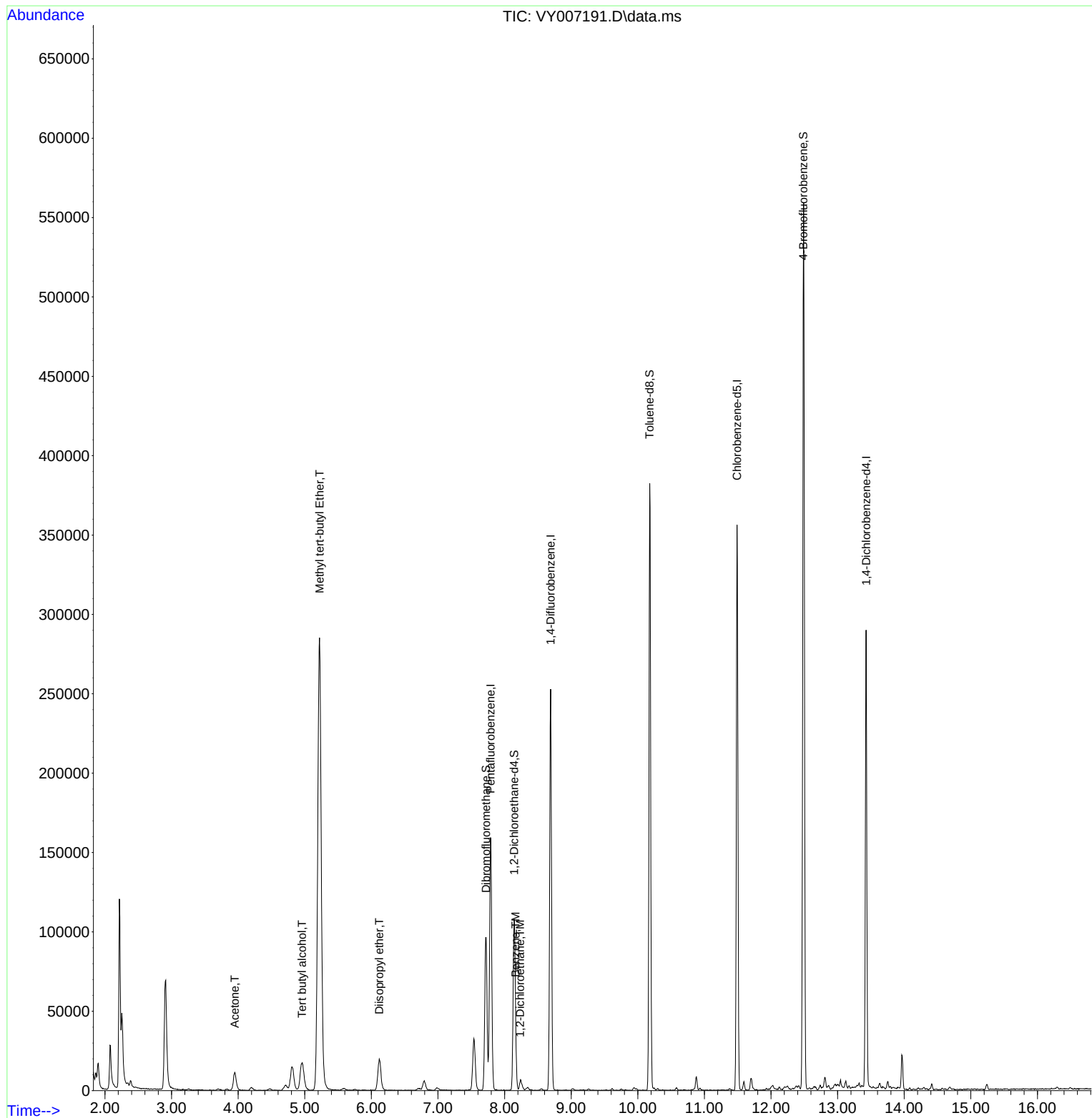
Internal Standards						
1) Pentafluorobenzene	7.789	168	111442	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	206649	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	183445	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	66322	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	81056	59.277	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 118.560%	
35) Dibromofluoromethane	7.722	113	70034	50.120	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.240%	
50) Toluene-d8	10.179	98	250984	49.157	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 98.320%	
62) 4-Bromofluorobenzene	12.483	95	83206	45.813	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 91.620%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.960	59	41357	356.765	ug/l	99
16) Acetone	3.948	43	16360	46.101	ug/l	98
19) Methyl tert-butyl Ether	5.222	73	530596	213.726	ug/l	98
22) Diisopropyl ether	6.118	45	26924	6.573	ug/l	95
40) Benzene	8.167	78	18155	3.050	ug/l	99
42) 1,2-Dichloroethane	8.234	62	3040	1.622	ug/l	94

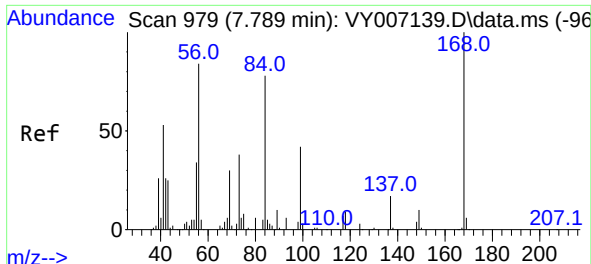
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011722\
Data File : VY007191.D
Acq On : 17 Jan 2022 16:50
Operator : SY/MD
Sample : N1145-02
Misc : 6.24g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A3-2-5.5

Quant Time: Jan 18 03:10:14 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 14 05:48:29 2022
Response via : Initial Calibration

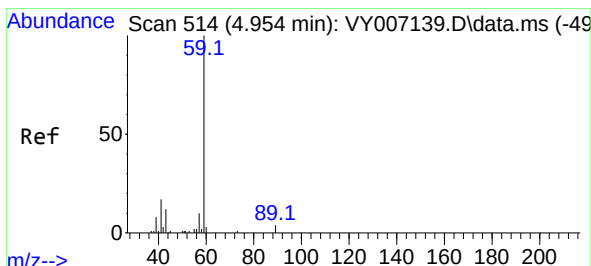
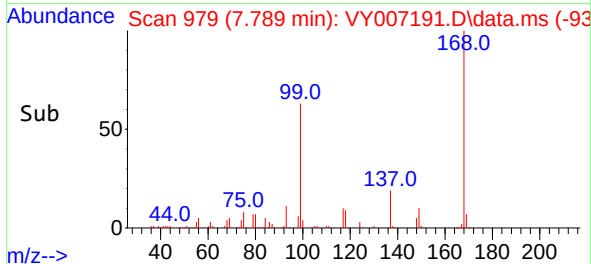
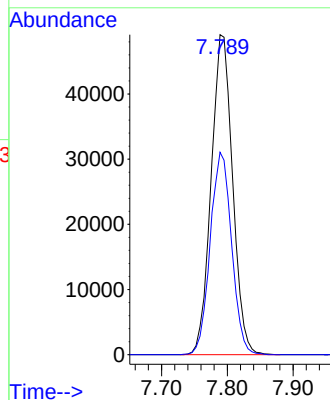
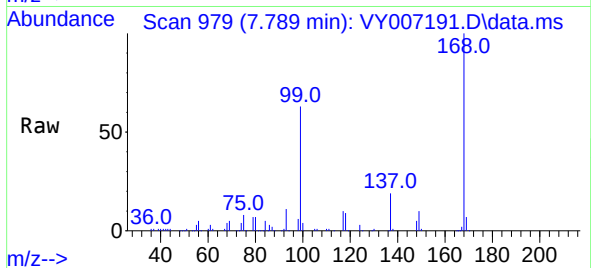




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY007191.D
Acq: 17 Jan 2022 16:50

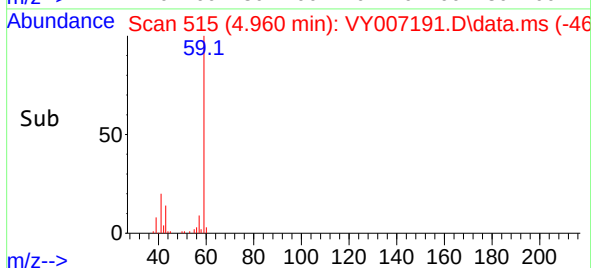
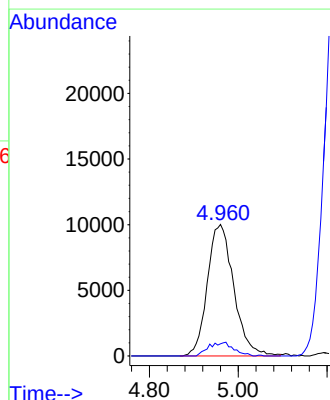
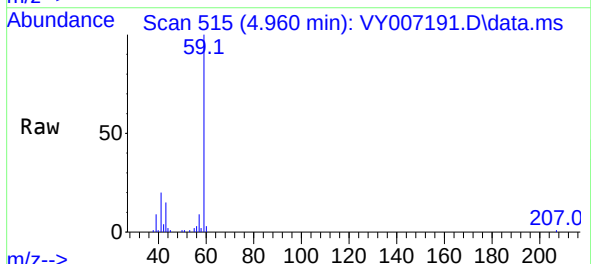
Instrument :
MSVOA_Y
ClientSampleId :
A3-2-5.5

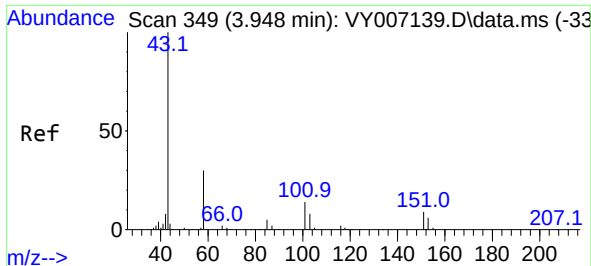
Tgt Ion:168 Resp: 111442
Ion Ratio Lower Upper
168 100
99 63.2 49.1 73.7



#11
Tert butyl alcohol
Concen: 356.765 ug/l
RT: 4.960 min Scan# 515
Delta R.T. 0.006 min
Lab File: VY007191.D
Acq: 17 Jan 2022 16:50

Tgt Ion: 59 Resp: 41357
Ion Ratio Lower Upper
59 100
57 9.7 8.1 12.1

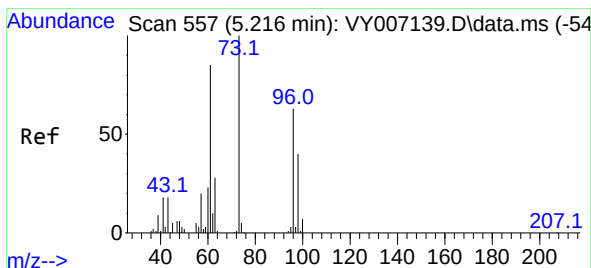
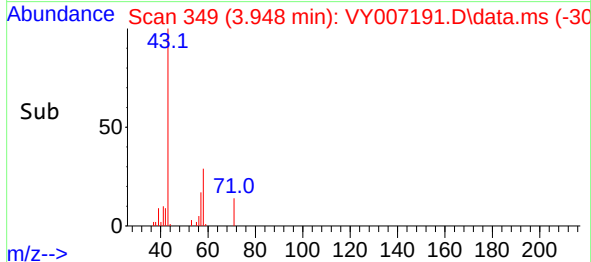
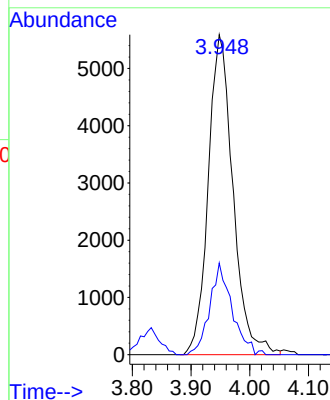
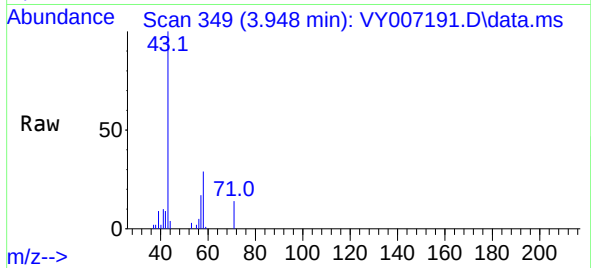




#16
Acetone
Concen: 46.101 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY007191.D
Acq: 17 Jan 2022 16:50

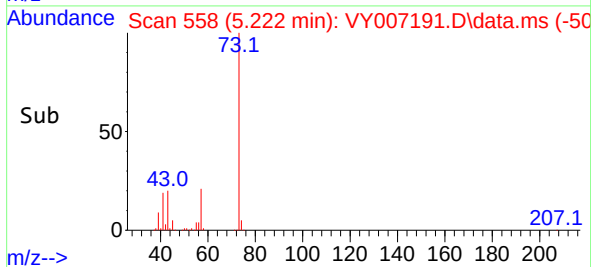
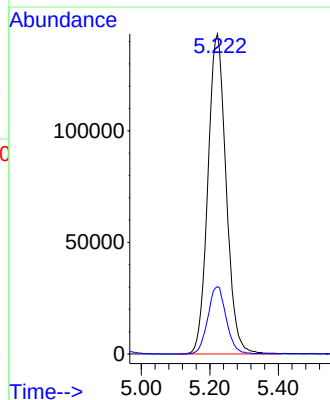
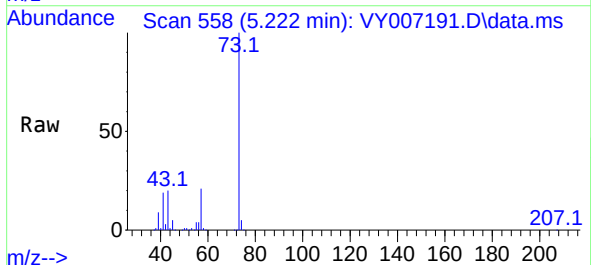
Instrument :
MSVOA_Y
ClientSampleId :
A3-2-5.5

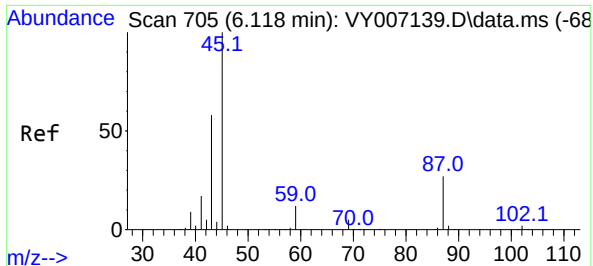
Tgt Ion: 43 Resp: 16360
Ion Ratio Lower Upper
43 100
58 28.7 23.8 35.6



#19
Methyl tert-butyl Ether
Concen: 213.726 ug/l
RT: 5.222 min Scan# 558
Delta R.T. 0.006 min
Lab File: VY007191.D
Acq: 17 Jan 2022 16:50

Tgt Ion: 73 Resp: 530596
Ion Ratio Lower Upper
73 100
57 21.1 17.4 26.2





#22

Diisopropyl ether

Concen: 6.573 ug/l

RT: 6.118 min Scan# 705

Delta R.T. 0.000 min

Lab File: VY007191.D

Acq: 17 Jan 2022 16:50

Instrument :

MSVOA_Y

ClientSampleId :

A3-2-5.5

Tgt Ion: 45 Resp: 26924

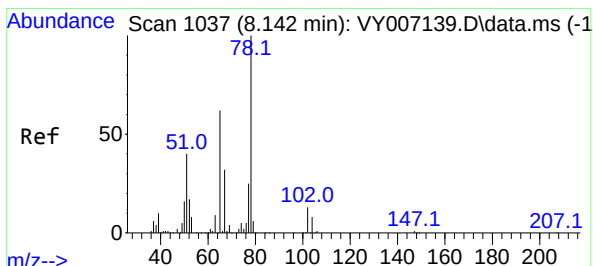
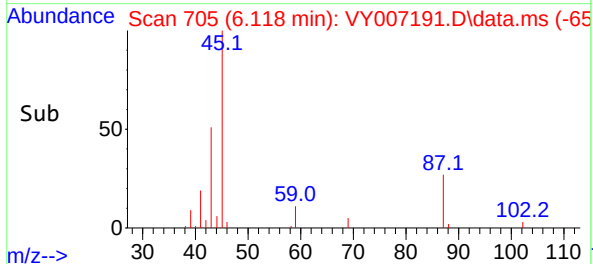
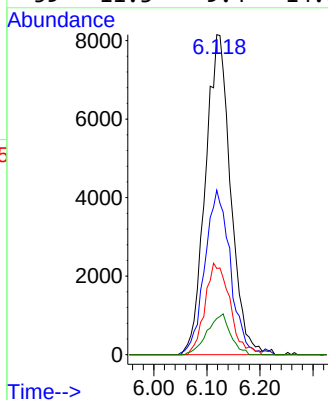
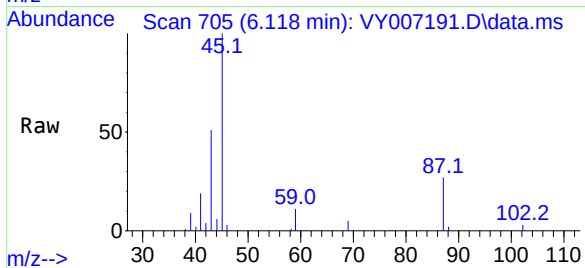
Ion Ratio Lower Upper

45 100

43 51.4 45.6 68.4

87 27.0 22.2 33.2

59 11.3 9.4 14.0



#33

1,2-Dichloroethane-d4

Concen: 59.277 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VY007191.D

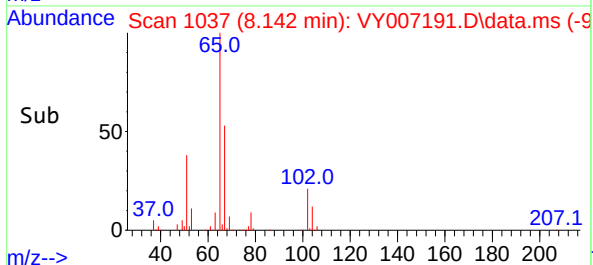
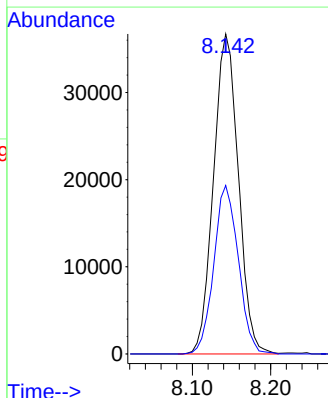
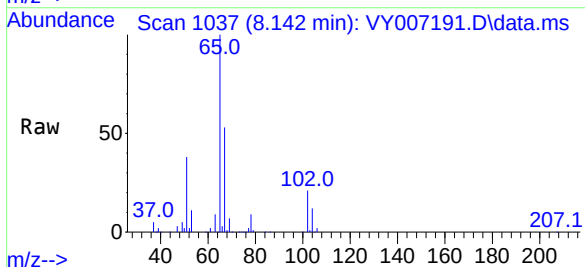
Acq: 17 Jan 2022 16:50

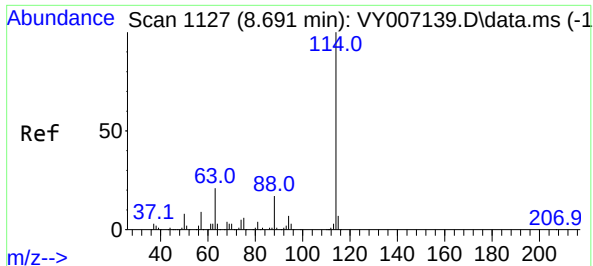
Tgt Ion: 65 Resp: 81056

Ion Ratio Lower Upper

65 100

67 51.9 0.0 105.6



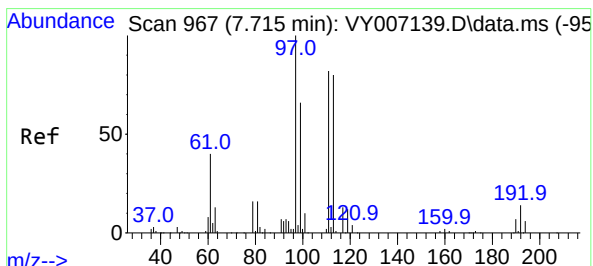
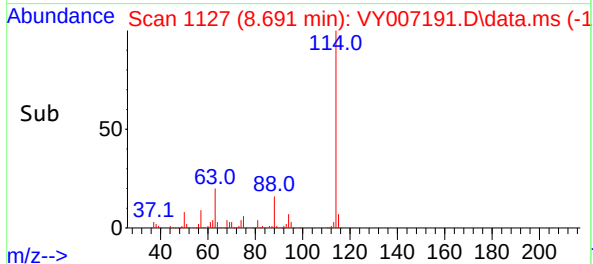
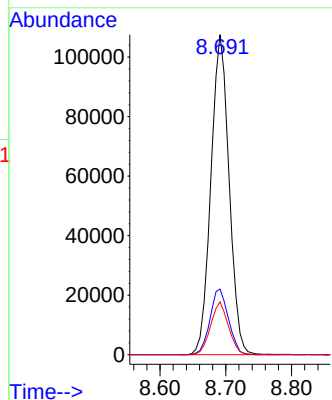
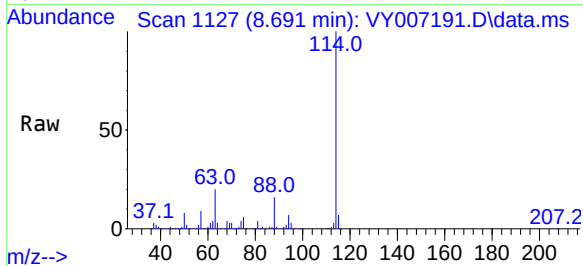


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY007191.D
Acq: 17 Jan 2022 16:50

Instrument :
MSVOA_Y
ClientSampleId :
A3-2-5.5

Tgt Ion:114 Resp: 206649

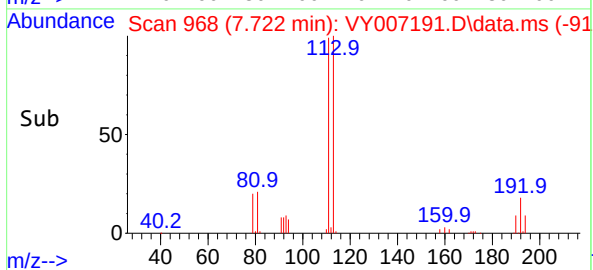
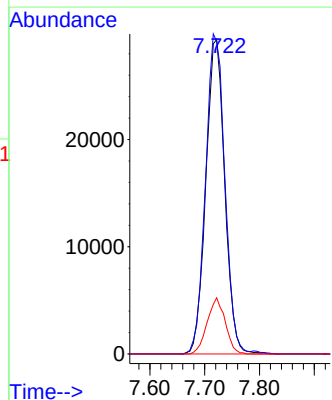
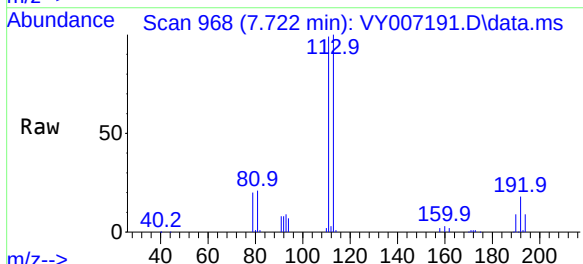
Ion	Ratio	Lower	Upper
114	100		
63	20.5	0.0	39.2
88	16.5	0.0	31.0

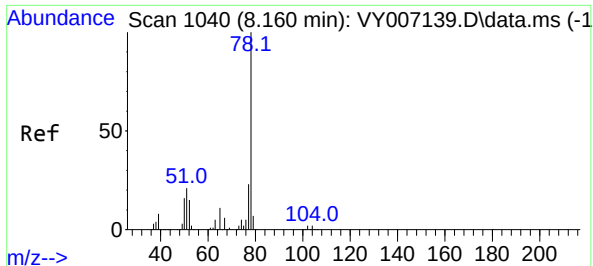


#35
Dibromofluoromethane
Concen: 50.120 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY007191.D
Acq: 17 Jan 2022 16:50

Tgt Ion:113 Resp: 70034

Ion	Ratio	Lower	Upper
113	100		
111	103.8	82.2	123.4
192	17.1	14.2	21.4

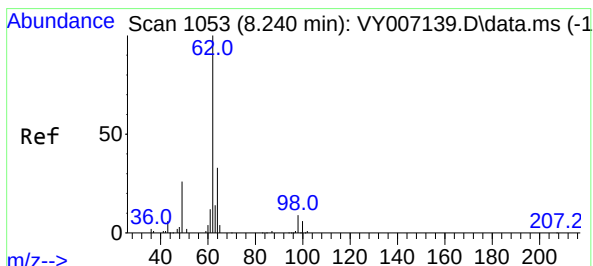
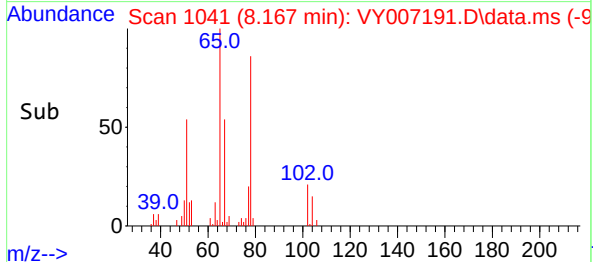
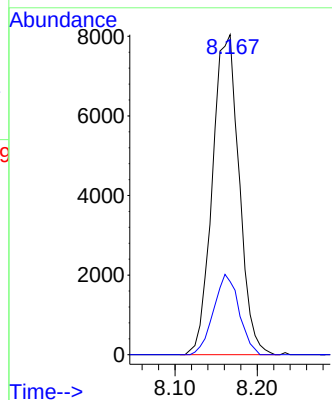
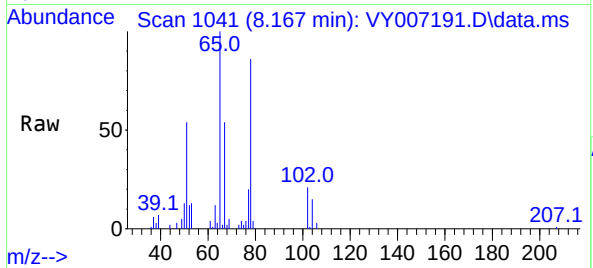




#40
Benzene
Concen: 3.050 ug/l
RT: 8.167 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VY007191.D
Acq: 17 Jan 2022 16:50

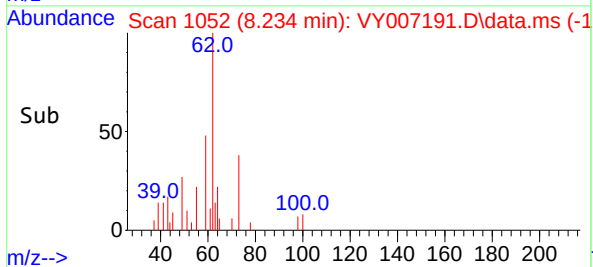
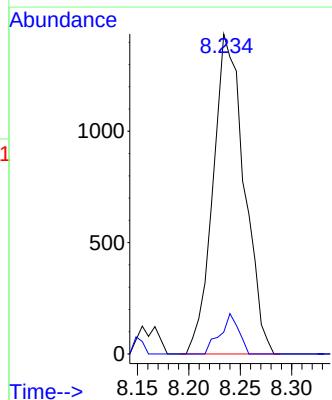
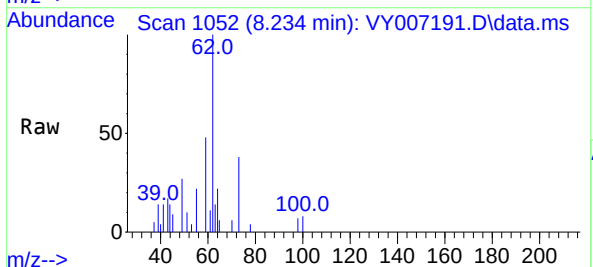
Instrument :
MSVOA_Y
ClientSampleId :
A3-2-5.5

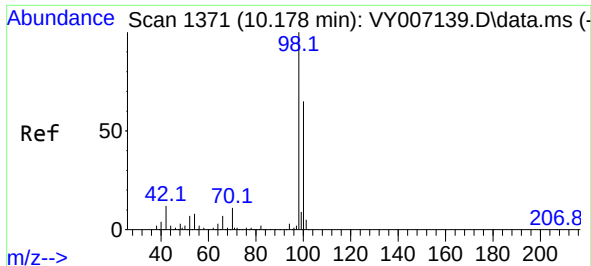
Tgt Ion: 78 Resp: 18155
Ion Ratio Lower Upper
78 100
77 22.9 18.6 27.8



#42
1,2-Dichloroethane
Concen: 1.622 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VY007191.D
Acq: 17 Jan 2022 16:50

Tgt Ion: 62 Resp: 3040
Ion Ratio Lower Upper
62 100
98 7.4 0.0 19.2

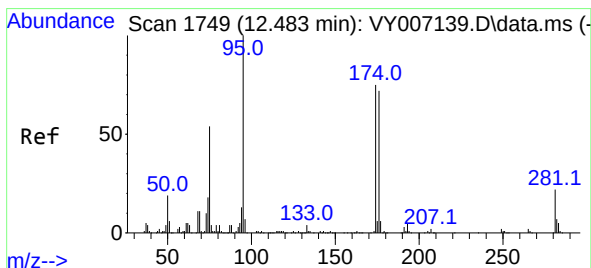
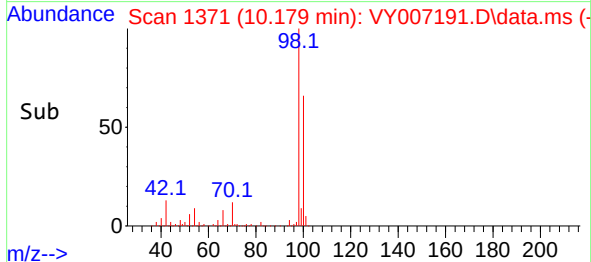
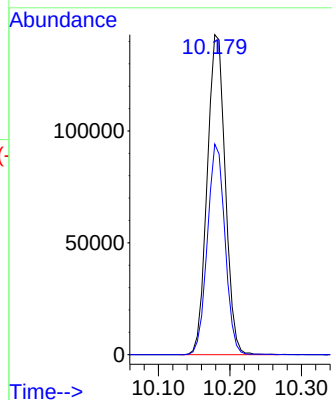
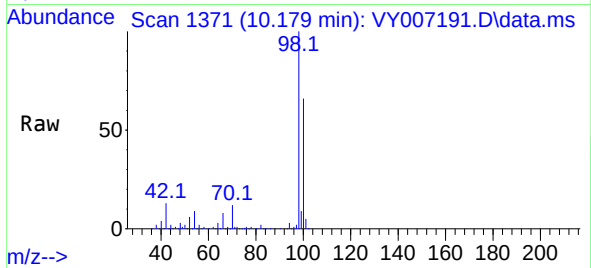




#50
Toluene-d8
Concen: 49.157 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY007191.D
Acq: 17 Jan 2022 16:50

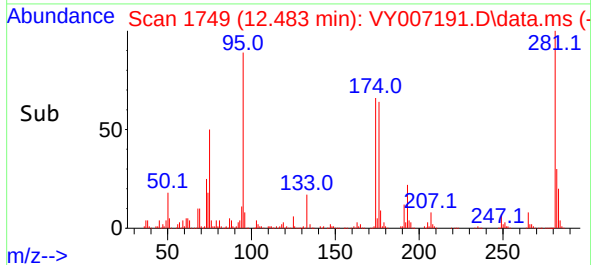
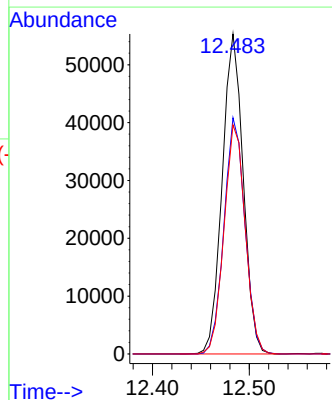
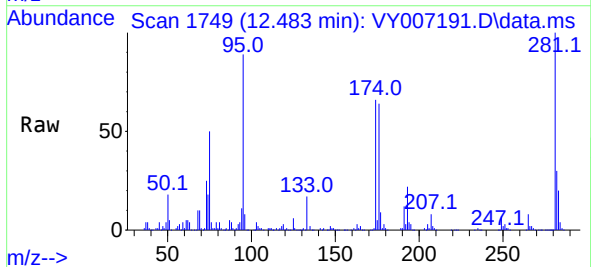
Instrument :
MSVOA_Y
ClientSampleId :
A3-2-5.5

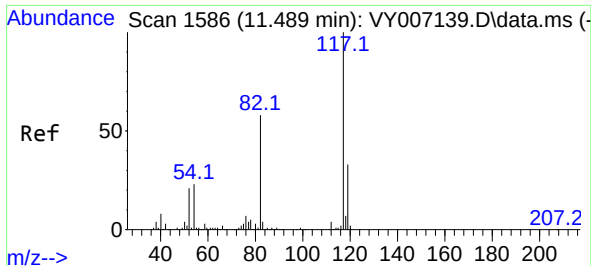
Tgt Ion: 98 Resp: 250984
Ion Ratio Lower Upper
98 100
100 64.2 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 45.813 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007191.D
Acq: 17 Jan 2022 16:50

Tgt Ion: 95 Resp: 83206
Ion Ratio Lower Upper
95 100
174 73.7 0.0 148.4
176 72.3 0.0 146.6

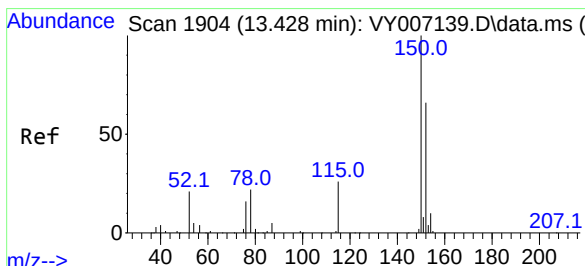
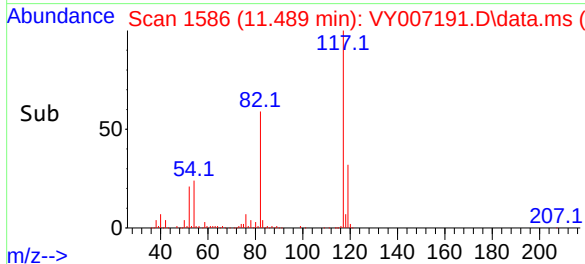
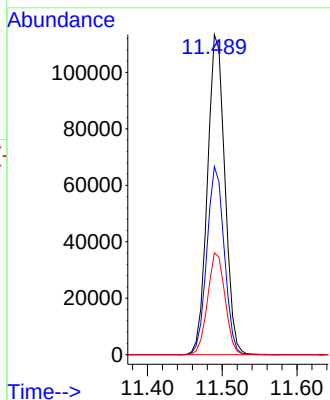
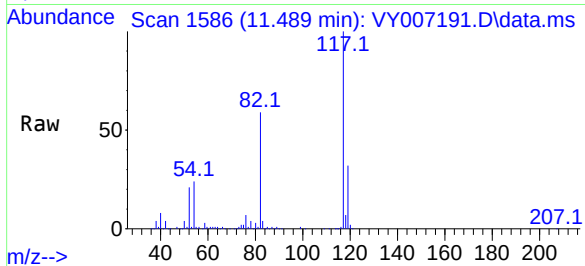




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY007191.D
Acq: 17 Jan 2022 16:50

Instrument :
MSVOA_Y
ClientSampleId :
A3-2-5.5

Tgt Ion:	117	Resp:	183445
Ion Ratio	Lower	Upper	
117	100		
82	58.8	45.4	68.0
119	31.8	26.4	39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY007191.D
Acq: 17 Jan 2022 16:50

Tgt Ion:	152	Resp:	66322
Ion Ratio	Lower	Upper	
152	100		
115	64.3	31.4	94.0
150	160.5	0.0	348.4

