

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022422\
 Data File : VY007623.D
 Acq On : 24 Feb 2022 17:27
 Operator : SY/MD
 Sample : N1584-09
 Misc : 4.90g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 D14-5.5

Quant Time: Feb 25 05:43:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022322S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 24 07:13:58 2022
 Response via : Initial Calibration

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

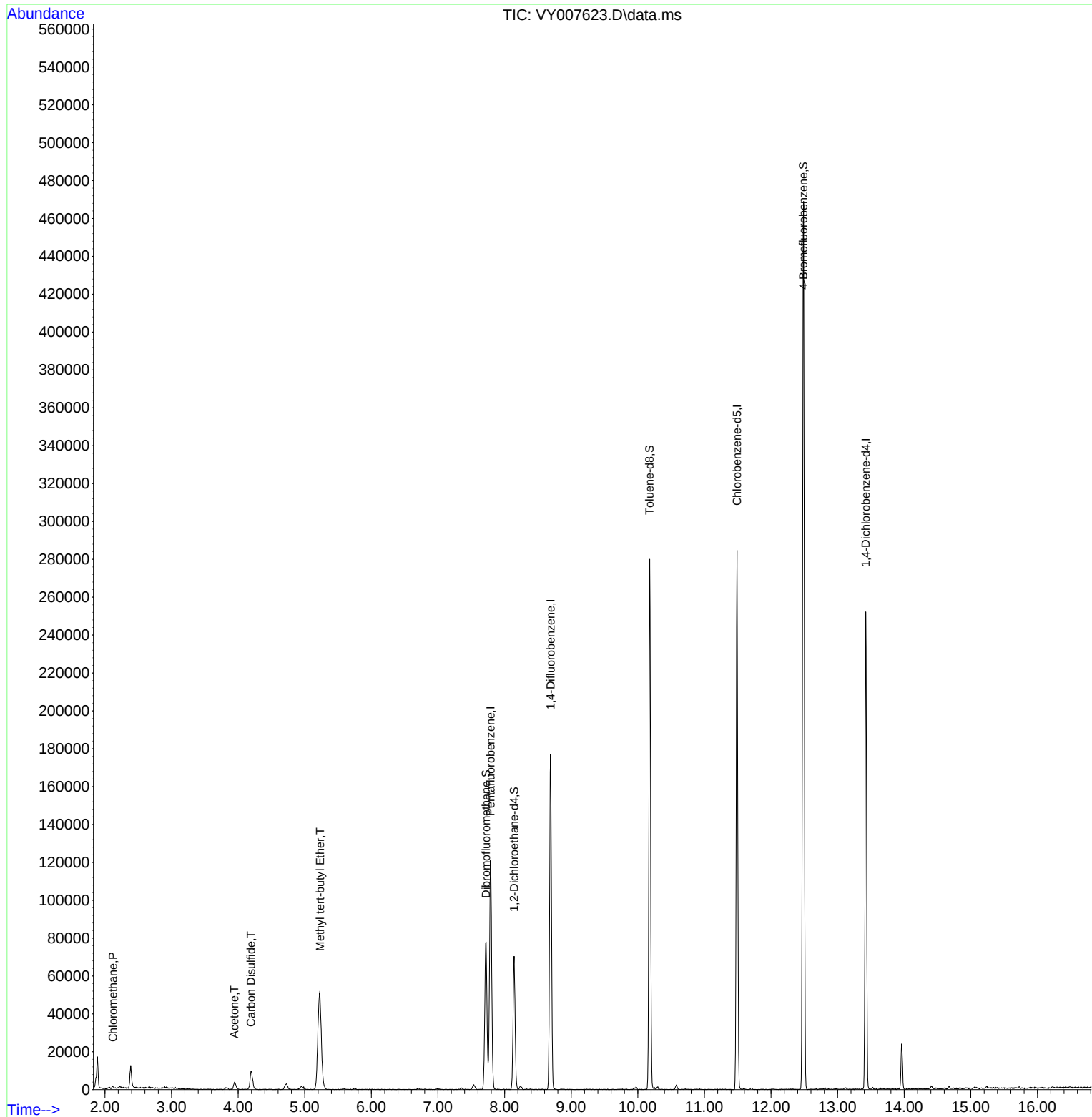
Internal Standards						
1) Pentafluorobenzene	7.789	168	94230	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	156959	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	152112	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	63552	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	53527	51.062	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.120%	
35) Dibromofluoromethane	7.722	113	51798	52.301	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.600%	
50) Toluene-d8	10.179	98	184030	50.206	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 100.420%	
62) 4-Bromofluorobenzene	12.483	95	62314	49.760	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 99.520%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.119	50	1006	1.614	ug/l	94
16) Acetone	3.942	43	6368	26.674	ug/l #	88
17) Carbon Disulfide	4.192	76	19703	7.448	ug/l	100
19) Methyl tert-butyl Ether	5.228	73	97567	34.106	ug/l #	90

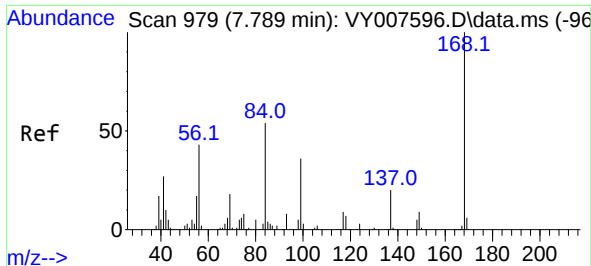
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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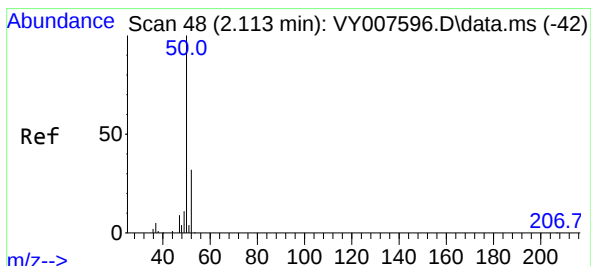
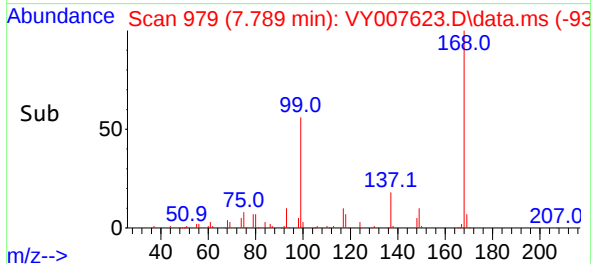
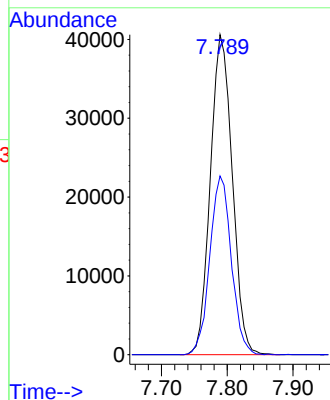
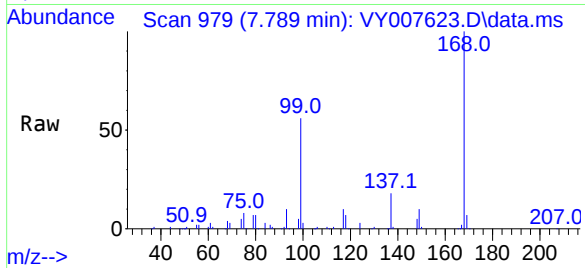




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007623.D
Acq: 24 Feb 2022 17:27

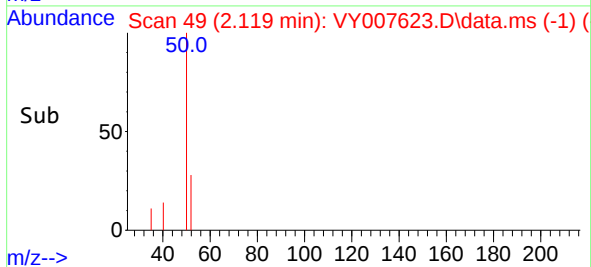
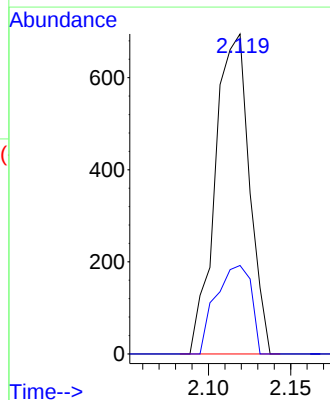
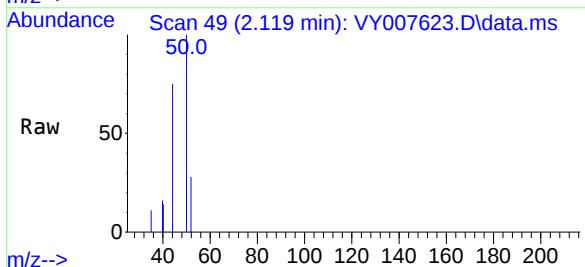
Instrument :
MSVOA_Y
ClientSampleId :
D14-5.5

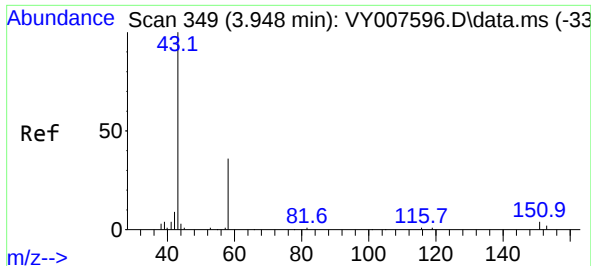
Tgt Ion:168 Resp: 94230
Ion Ratio Lower Upper
168 100
99 55.9 46.9 70.3



#3
Chloromethane
Concen: 1.614 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY007623.D
Acq: 24 Feb 2022 17:27

Tgt Ion: 50 Resp: 1006
Ion Ratio Lower Upper
50 100
52 27.6 24.6 37.0

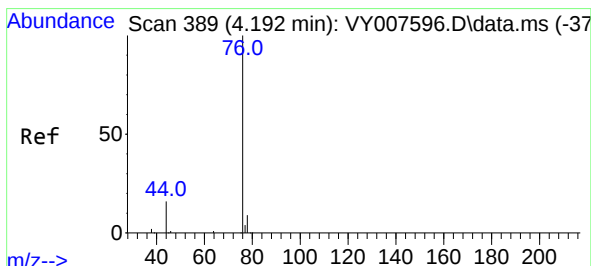
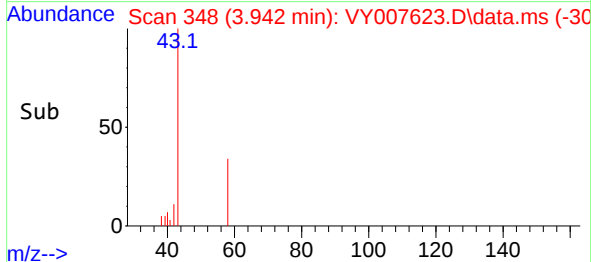
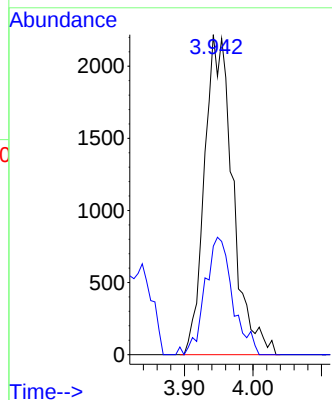
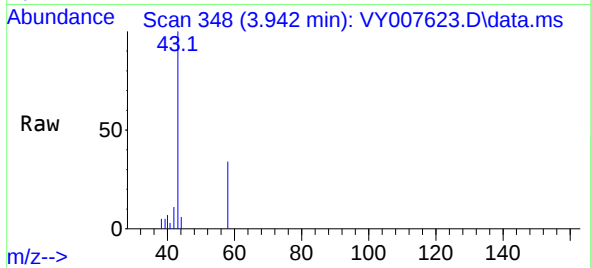




#16
Acetone
Concen: 26.674 ug/l
RT: 3.942 min Scan# 349
Delta R.T. -0.006 min
Lab File: VY007623.D
Acq: 24 Feb 2022 17:27

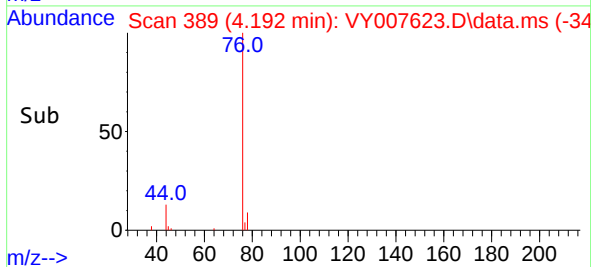
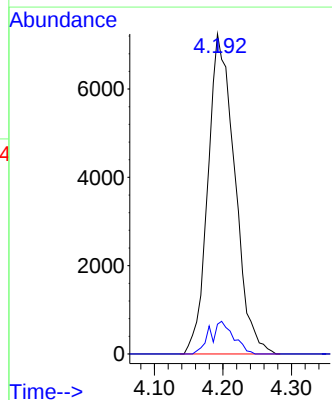
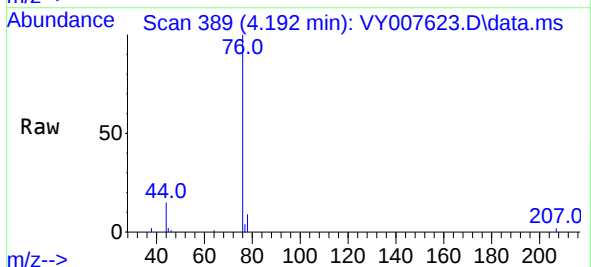
Instrument :
MSVOA_Y
ClientSampleId :
D14-5.5

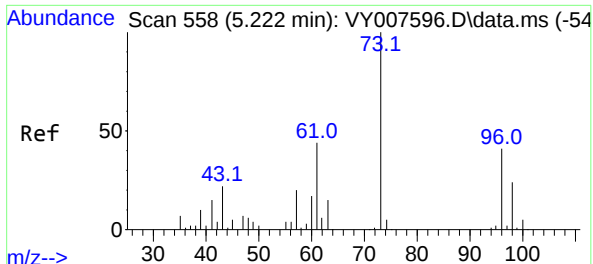
Tgt Ion: 43 Resp: 6368
Ion Ratio Lower Upper
43 100
58 33.9 22.0 33.0#



#17
Carbon Disulfide
Concen: 7.448 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.000 min
Lab File: VY007623.D
Acq: 24 Feb 2022 17:27

Tgt Ion: 76 Resp: 19703
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.0

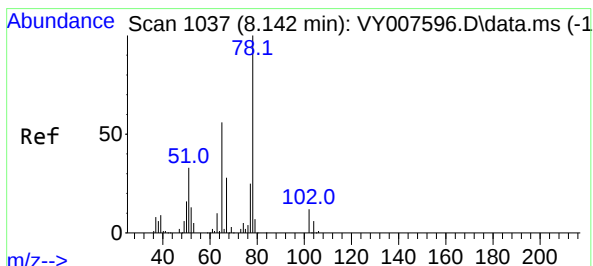
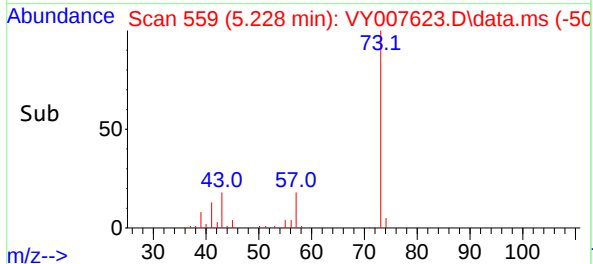
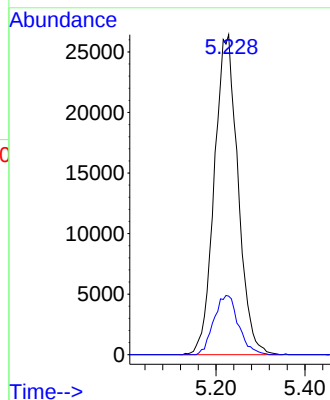
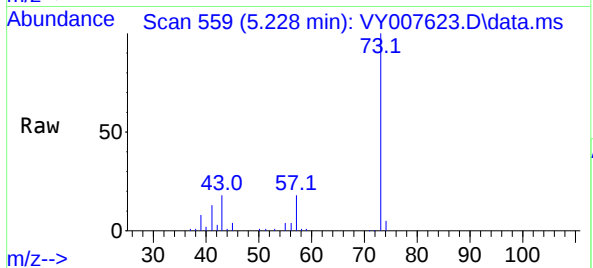




#19
Methyl tert-butyl Ether
Concen: 34.106 ug/l
RT: 5.228 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY007623.D
Acq: 24 Feb 2022 17:27

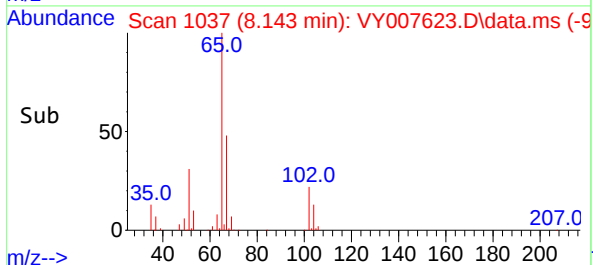
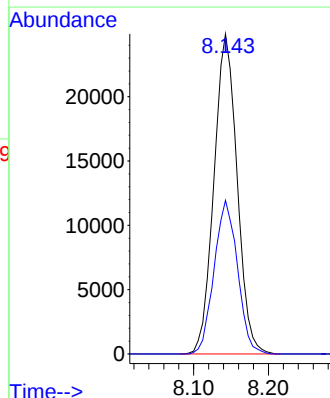
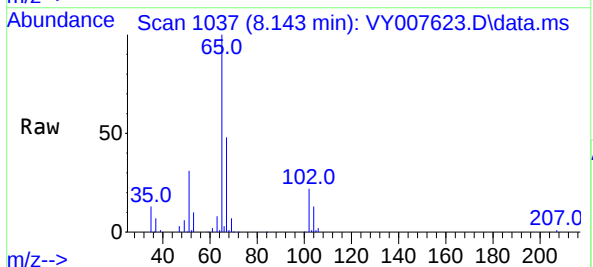
Instrument :
MSVOA_Y
ClientSampleId :
D14-5.5

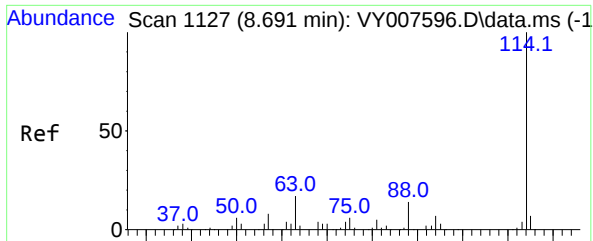
Tgt Ion: 73 Resp: 97567
Ion Ratio Lower Upper
73 100
57 18.3 18.6 27.8#



#33
1,2-Dichloroethane-d4
Concen: 51.062 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.001 min
Lab File: VY007623.D
Acq: 24 Feb 2022 17:27

Tgt Ion: 65 Resp: 53527
Ion Ratio Lower Upper
65 100
67 48.5 0.0 99.4



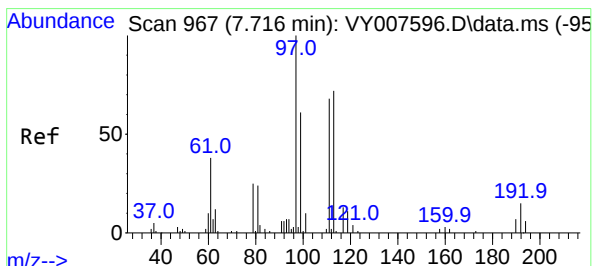
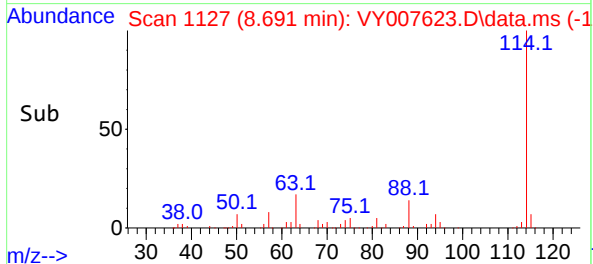
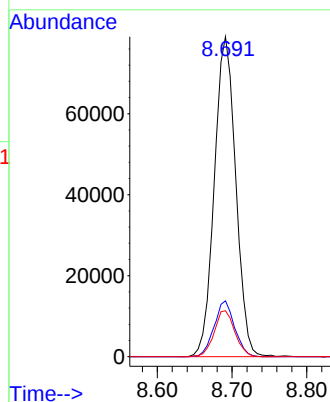
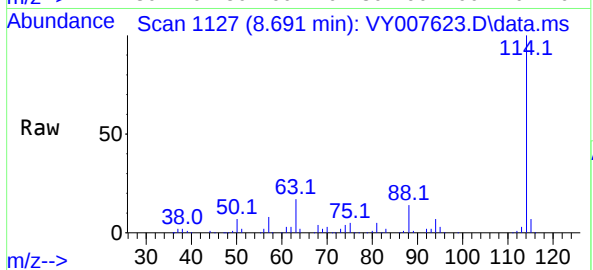


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY007623.D
Acq: 24 Feb 2022 17:27

Instrument :
MSVOA_Y
ClientSampleId :
D14-5.5

Tgt Ion:114 Resp: 156959

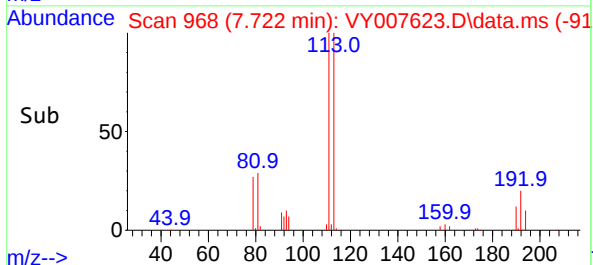
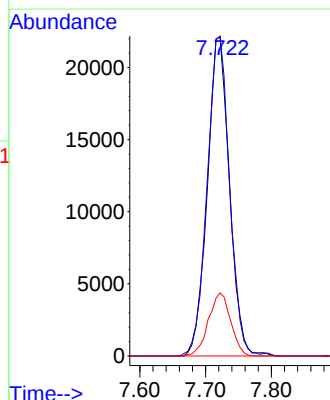
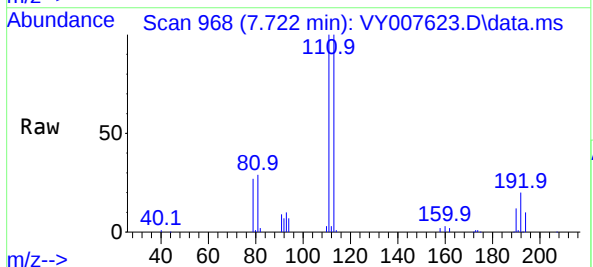
Ion	Ratio	Lower	Upper
114	100		
63	17.5	0.0	43.2
88	14.4	0.0	31.8

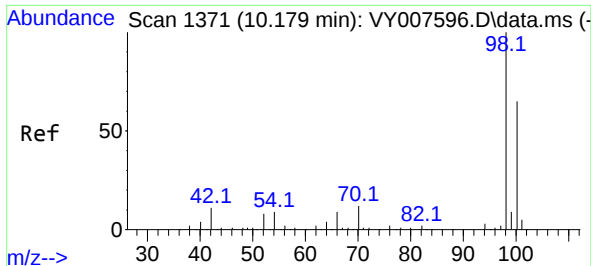


#35
Dibromofluoromethane
Concen: 52.301 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY007623.D
Acq: 24 Feb 2022 17:27

Tgt Ion:113 Resp: 51798

Ion	Ratio	Lower	Upper
113	100		
111	101.2	82.6	124.0
192	19.8	17.6	26.4

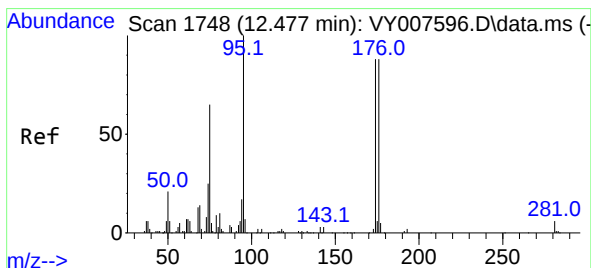
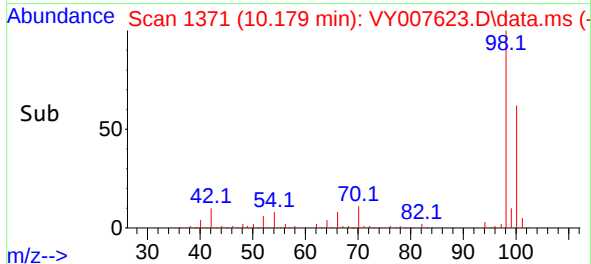
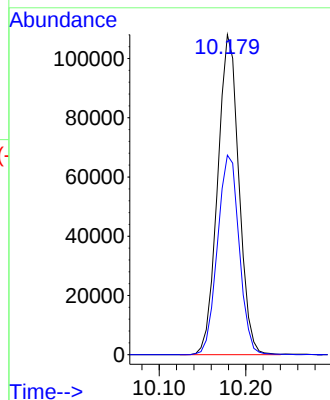
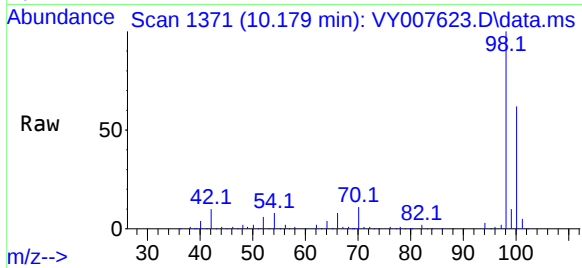




#50
Toluene-d8
Concen: 50.206 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007623.D
Acq: 24 Feb 2022 17:27

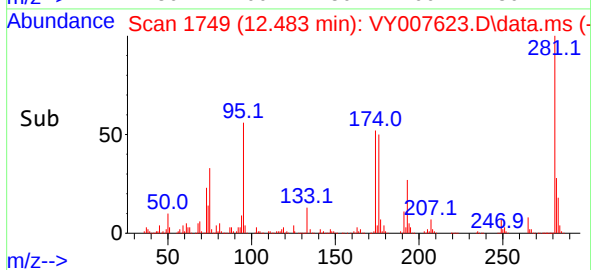
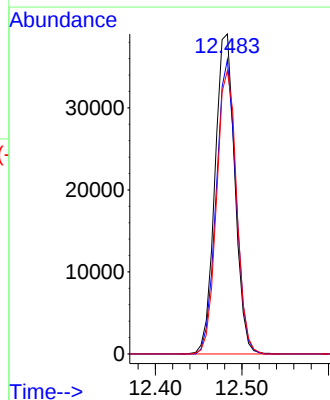
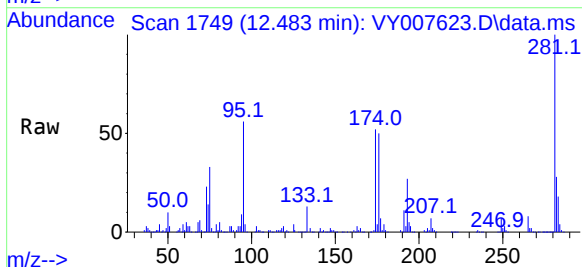
Instrument :
MSVOA_Y
ClientSampleId :
D14-5.5

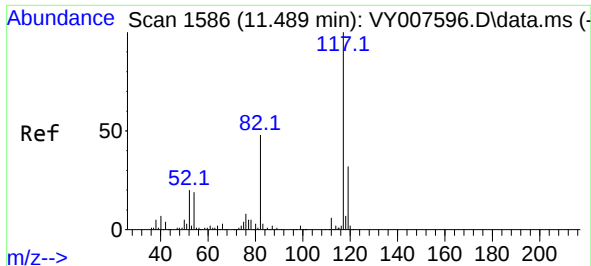
Tgt Ion: 98 Resp: 184030
Ion Ratio Lower Upper
98 100
100 63.7 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 49.760 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY007623.D
Acq: 24 Feb 2022 17:27

Tgt Ion: 95 Resp: 62314
Ion Ratio Lower Upper
95 100
174 90.7 0.0 177.0
176 88.7 0.0 175.8

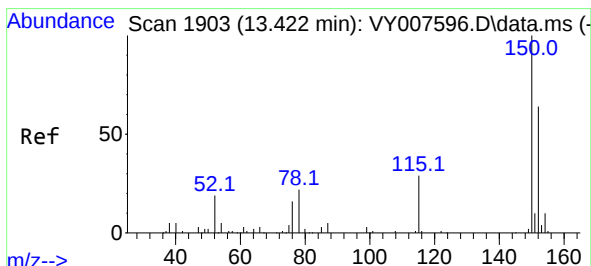
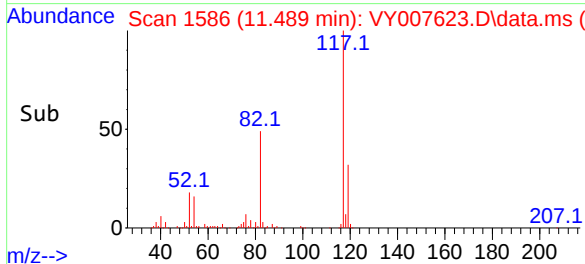
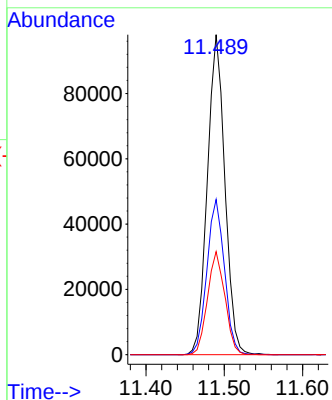
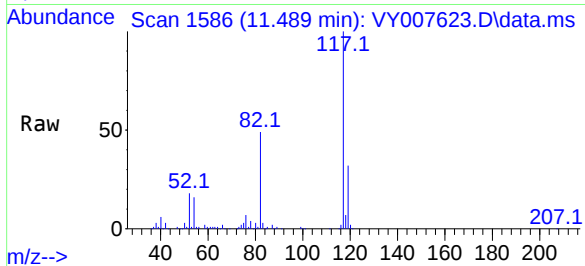




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY007623.D
Acq: 24 Feb 2022 17:27

Instrument :
MSVOA_Y
ClientSampleId :
D14-5.5

Tgt Ion:	117	Resp:	152112
Ion	Ratio	Lower	Upper
117	100		
82	48.5	43.0	64.4
119	32.2	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY007623.D
Acq: 24 Feb 2022 17:27

Tgt Ion:	152	Resp:	63552
Ion	Ratio	Lower	Upper
152	100		
115	57.5	28.2	84.7
150	160.1	0.0	347.6

