

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040422\
 Data File : VY008195.D
 Acq On : 04 Apr 2022 20:57
 Operator : SY/MD
 Sample : N2237-10
 Misc : 5.55g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 05 04:44:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 26 03:24:51 2022
 Response via : Initial Calibration

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

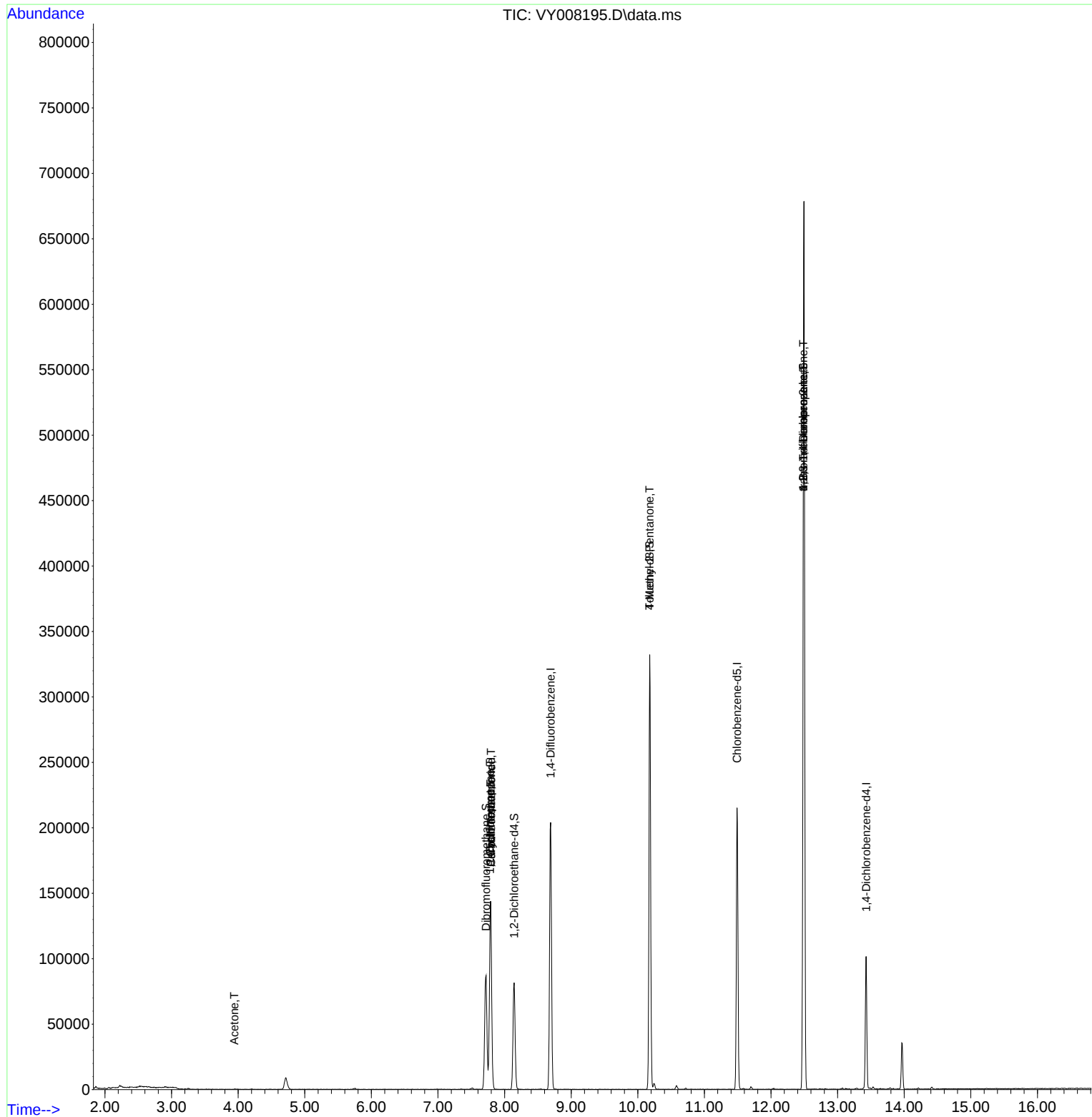
Internal Standards						
1) Pentafluorobenzene	7.795	168	112181	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	188156	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	123619	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	25686	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	61937	55.030	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 110.060%			
35) Dibromofluoromethane	7.722	113	64004	54.255	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 108.520%			
50) Toluene-d8	10.179	98	222860	50.143	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 100.280%			
62) 4-Bromofluorobenzene	12.483	95	36771	23.451	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 46.900%			
Target Compounds						
					Qvalue	
16) Acetone	3.942	43	291	1.131	ug/l #	47
18) Methyl Acetate	4.466	43	106	Below Cal	#	56
31) Cyclohexane	7.789	56	2336	1.110	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	8385	4.525	ug/l #	51
38) Carbon Tetrachloride	7.795	117	11644	5.766	ug/l #	14
51) 4-Methyl-2-Pentanone	10.179	43	859	1.002	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	23479	74.986	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	23479	167.305	ug/l #	11

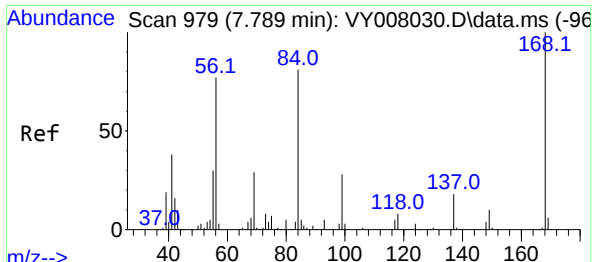
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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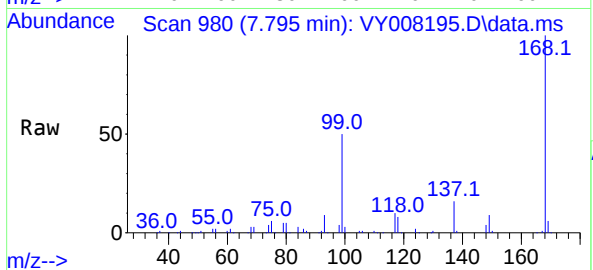
Quant Time: Apr 05 04:44:25 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.M
Quant Title : SW846 8260
QLast Update : Sat Mar 26 03:24:51 2022
Response via : Initial Calibration



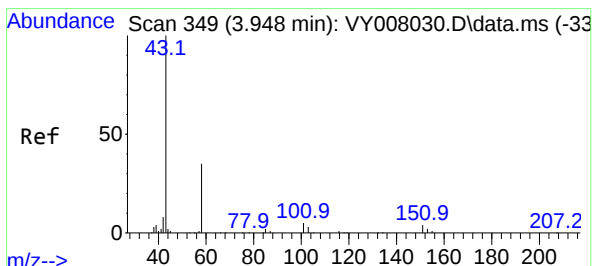
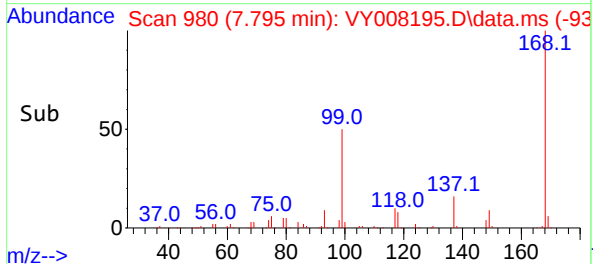
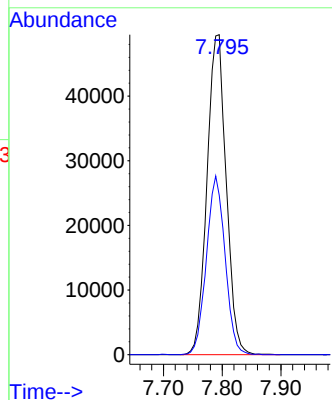


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY008195.D
Acq: 04 Apr 2022 20:57

Instrument :
MSVOA_Y
ClientSampleId :

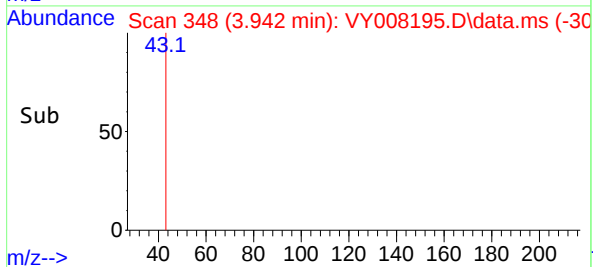
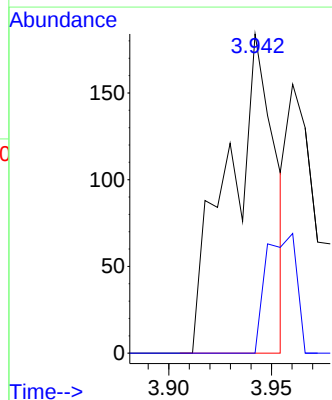
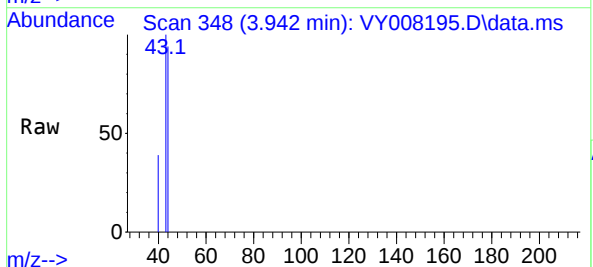


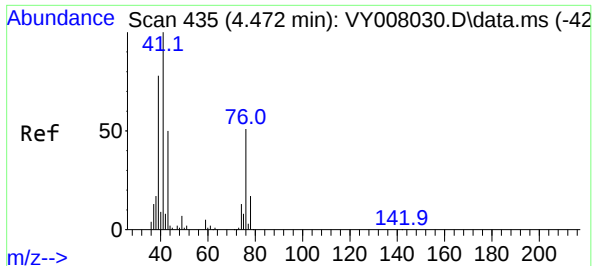
Tgt Ion:168 Resp: 112181
Ion Ratio Lower Upper
168 100
99 49.8 46.9 70.3



#16
Acetone
Concen: 1.131 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY008195.D
Acq: 04 Apr 2022 20:57

Tgt Ion: 43 Resp: 291
Ion Ratio Lower Upper
43 100
58 0.0 22.0 33.0#





#18

Methyl Acetate

Concen: Below Cal

RT: 4.466 min Scan# 41

Delta R.T. -0.006 min

Lab File: VY008195.D

Acq: 04 Apr 2022 20:57

Instrument :

MSVOA_Y

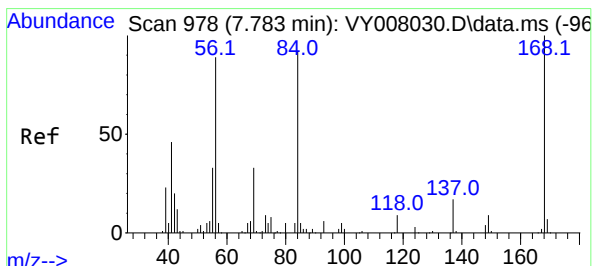
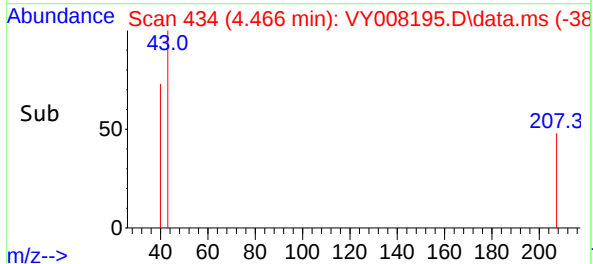
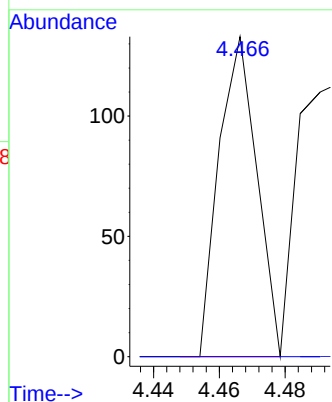
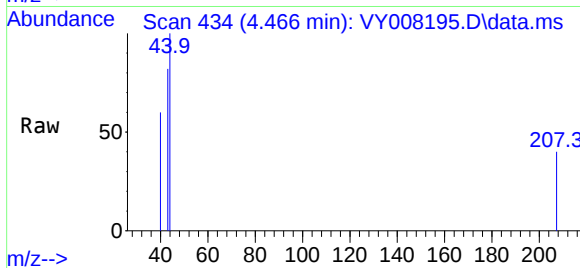
ClientSampleId :

Tgt Ion: 43 Resp: 106

Ion Ratio Lower Upper

43 100

74 0.0 16.6 24.8#



#31

Cyclohexane

Concen: 1.110 ug/l

RT: 7.789 min Scan# 979

Delta R.T. 0.006 min

Lab File: VY008195.D

Acq: 04 Apr 2022 20:57

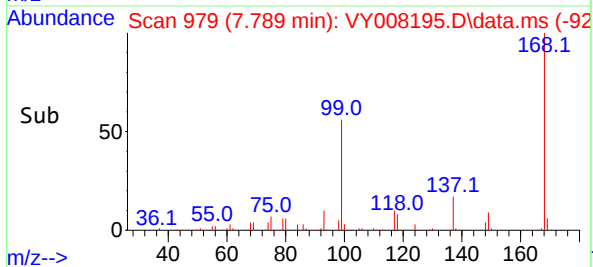
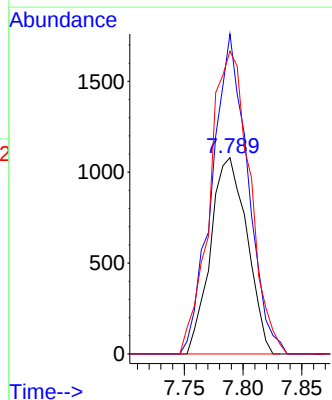
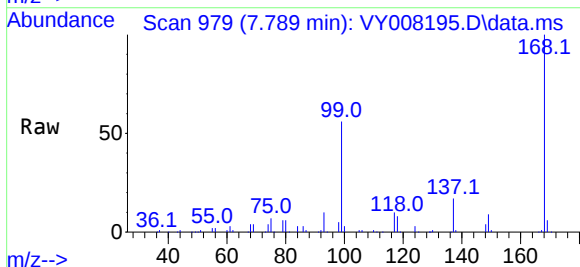
Tgt Ion: 56 Resp: 2336

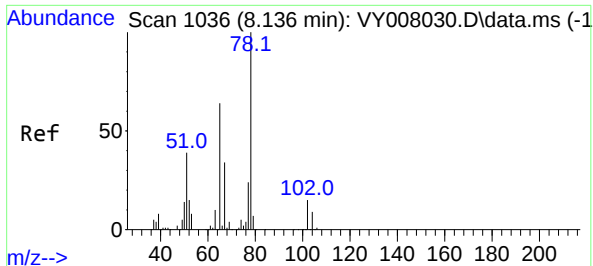
Ion Ratio Lower Upper

56 100

69 163.1 26.7 40.1#

84 154.3 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 55.030 ug/l

RT: 8.142 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY008195.D

Acq: 04 Apr 2022 20:57

Instrument :

MSVOA_Y

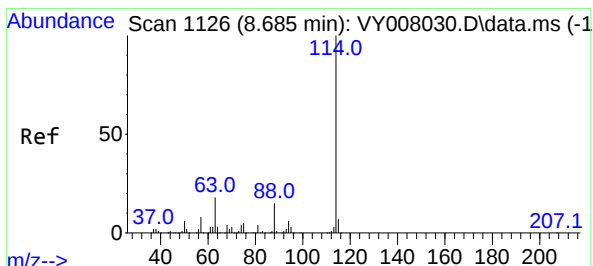
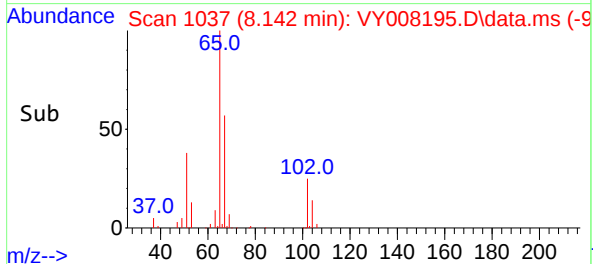
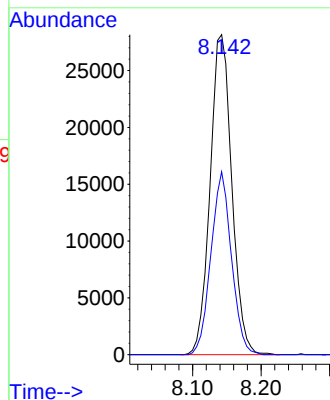
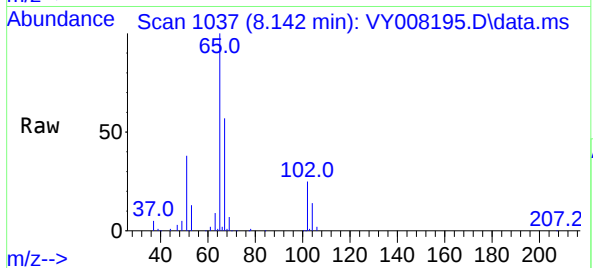
ClientSampleId :

Tgt Ion: 65 Resp: 61937

Ion Ratio Lower Upper

65 100

67 54.0 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY008195.D

Acq: 04 Apr 2022 20:57

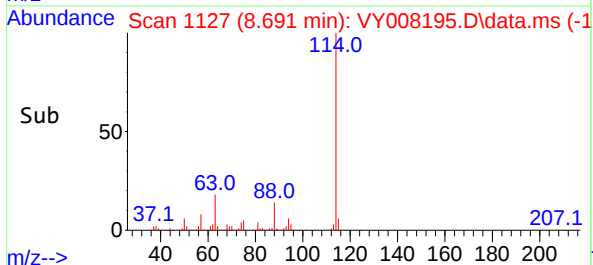
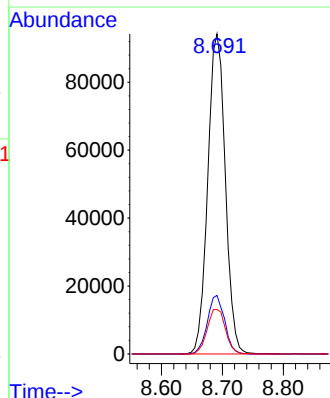
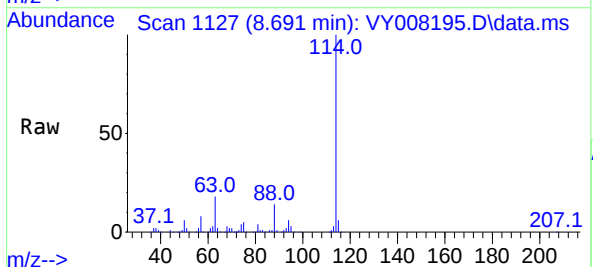
Tgt Ion:114 Resp: 188156

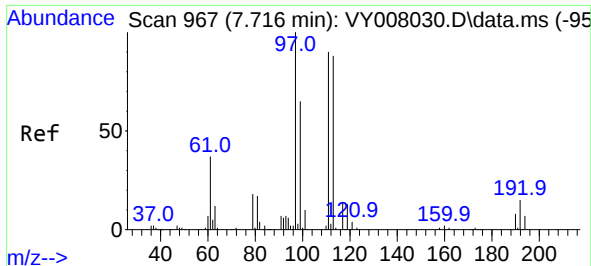
Ion Ratio Lower Upper

114 100

63 18.3 0.0 43.2

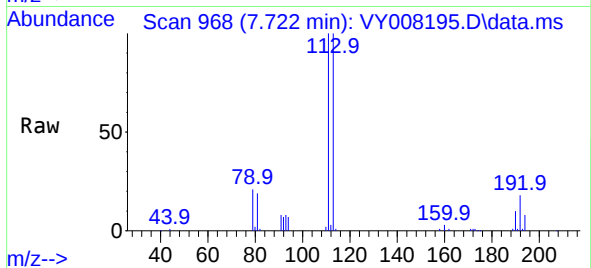
88 13.9 0.0 31.8



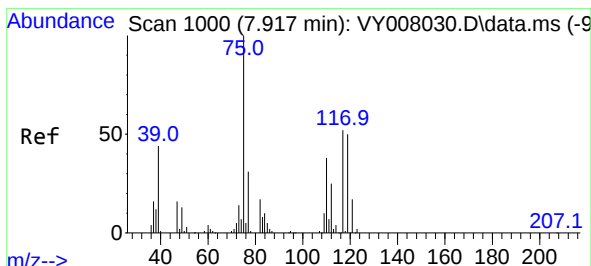
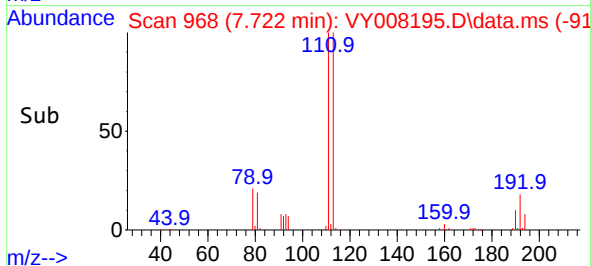
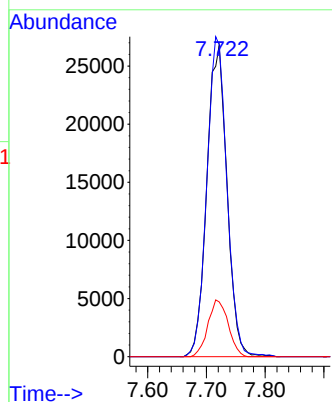


#35
Dibromofluoromethane
Concen: 54.255 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY008195.D
Acq: 04 Apr 2022 20:57

Instrument :
MSVOA_Y
ClientSampleId :

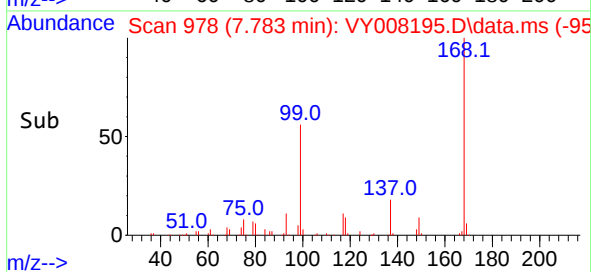
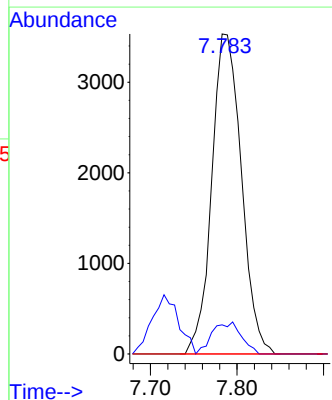
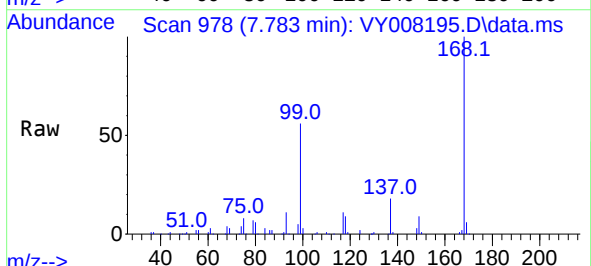


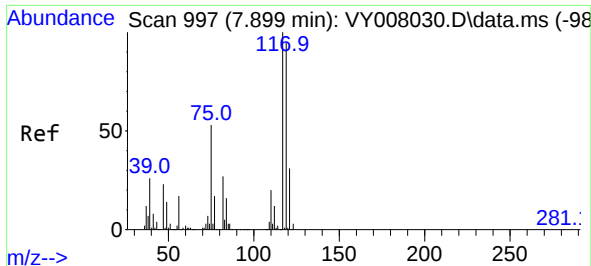
Tgt Ion:113 Resp: 64004
Ion Ratio Lower Upper
113 100
111 101.9 82.6 124.0
192 18.3 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.525 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY008195.D
Acq: 04 Apr 2022 20:57

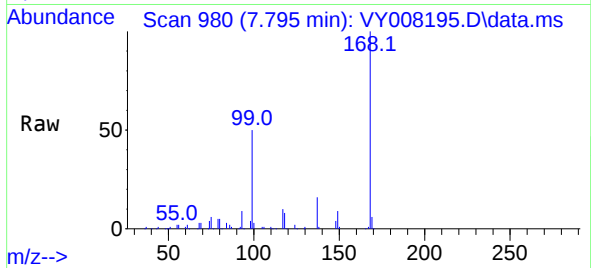
Tgt Ion: 75 Resp: 8385
Ion Ratio Lower Upper
75 100
110 9.8 17.1 51.2#
77 0.0 24.4 36.6#



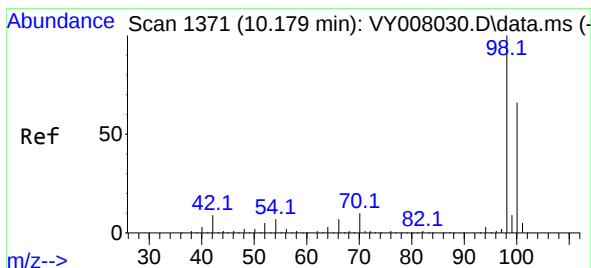
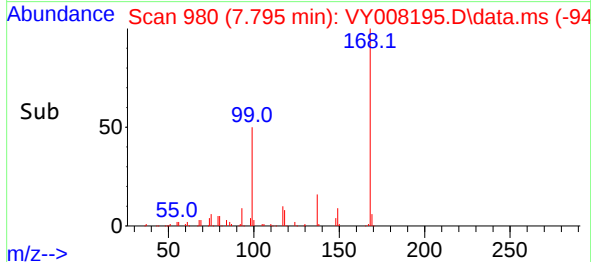
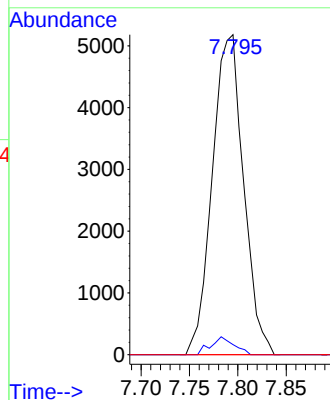


#38
Carbon Tetrachloride
Concen: 5.766 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY008195.D
Acq: 04 Apr 2022 20:57

Instrument :
MSVOA_Y
ClientSampleId :

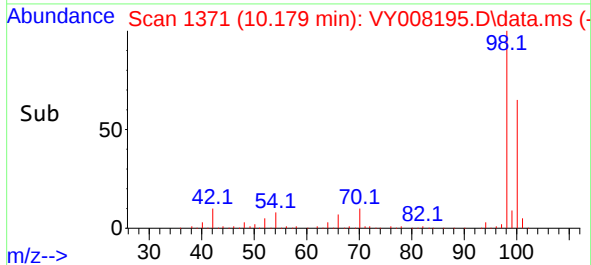
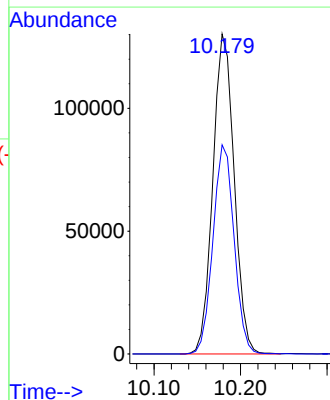
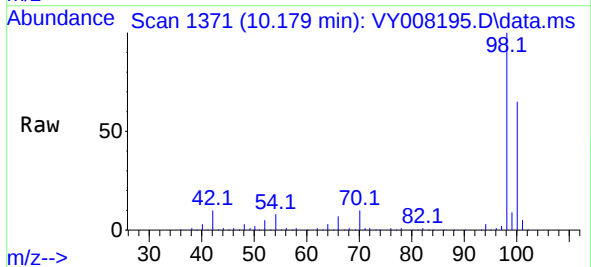


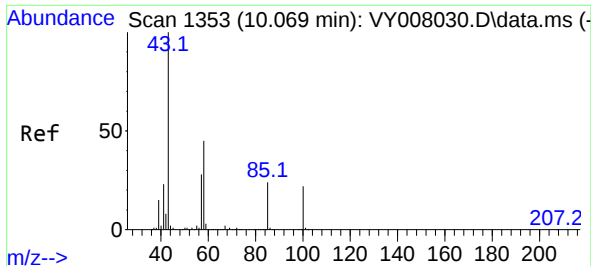
Tgt Ion:117 Resp: 11644
Ion Ratio Lower Upper
117 100
119 3.2 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 50.143 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008195.D
Acq: 04 Apr 2022 20:57

Tgt Ion: 98 Resp: 222860
Ion Ratio Lower Upper
98 100
100 64.9 50.2 75.2

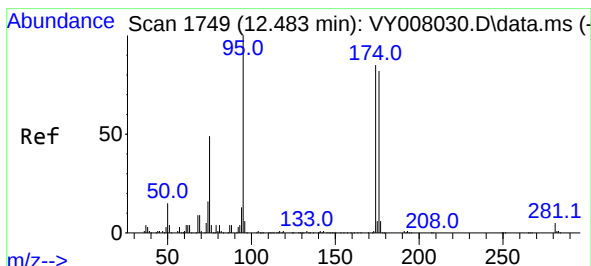
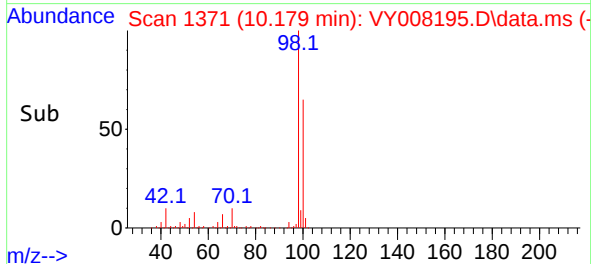
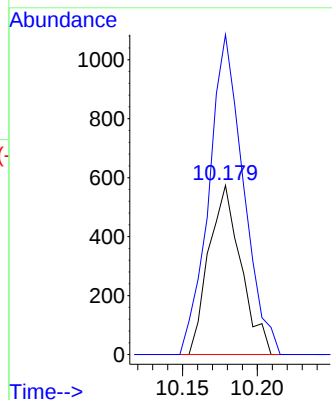
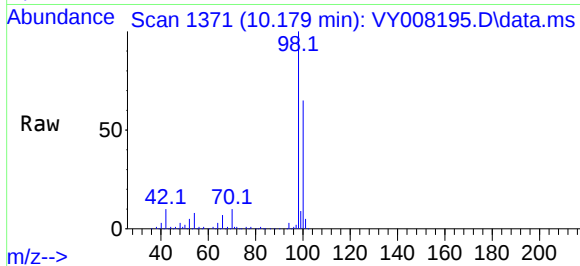




#51
4-Methyl-2-Pentanone
Concen: 1.002 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.110 min
Lab File: VY008195.D
Acq: 04 Apr 2022 20:57

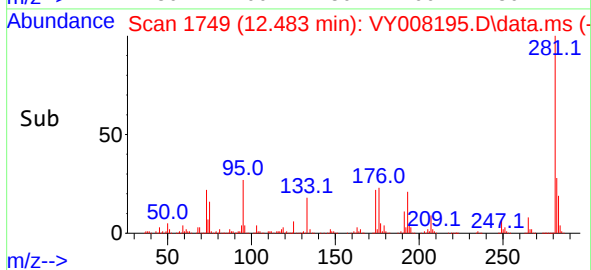
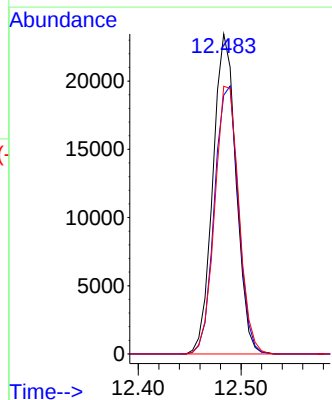
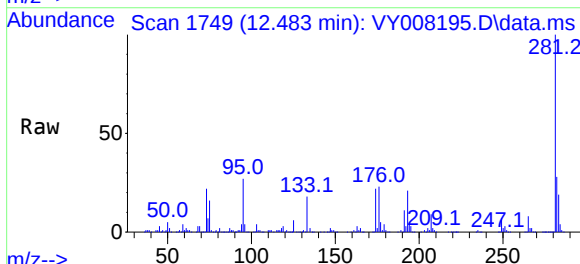
Instrument :
MSVOA_Y
ClientSampleId :

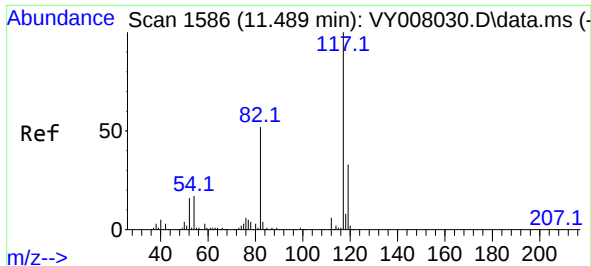
Tgt Ion: 43 Resp: 859
Ion Ratio Lower Upper
43 100
58 202.6 28.1 42.1#



#62
4-Bromofluorobenzene
Concen: 23.451 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008195.D
Acq: 04 Apr 2022 20:57

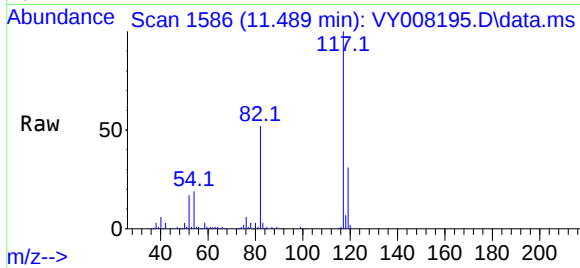
Tgt Ion: 95 Resp: 36771
Ion Ratio Lower Upper
95 100
174 86.1 0.0 177.0
176 86.7 0.0 175.8



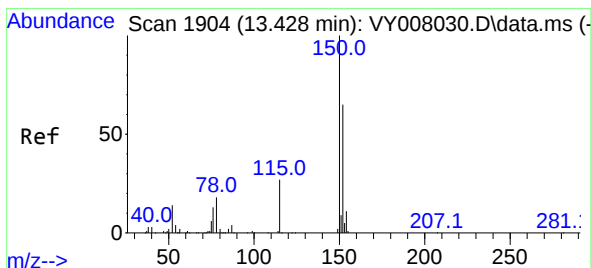
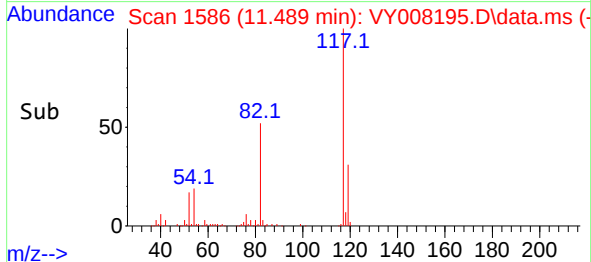
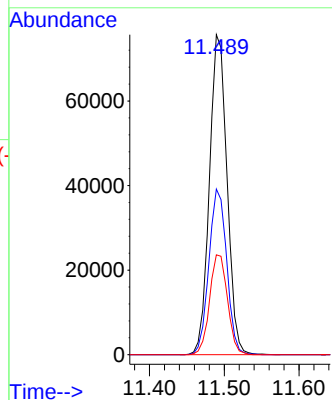


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY008195.D
Acq: 04 Apr 2022 20:57

Instrument :
MSVOA_Y
ClientSampleId :

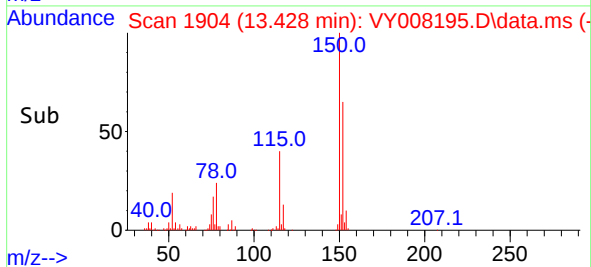
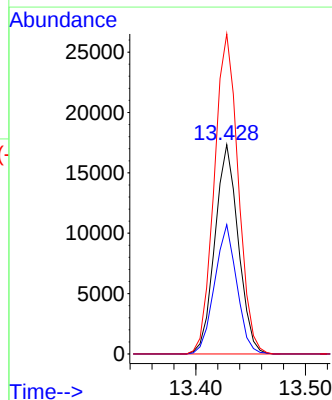
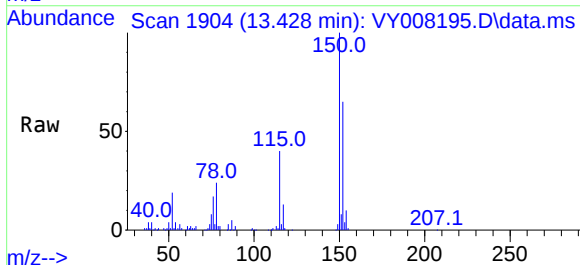


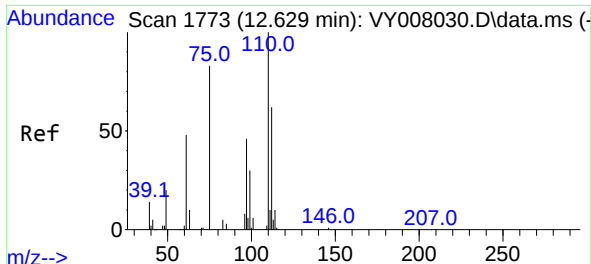
Tgt Ion:117 Resp: 123619
Ion Ratio Lower Upper
117 100
82 51.7 43.0 64.4
119 31.2 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008195.D
Acq: 04 Apr 2022 20:57

Tgt Ion:152 Resp: 25686
Ion Ratio Lower Upper
152 100
115 58.8 28.2 84.7
150 156.7 0.0 347.6

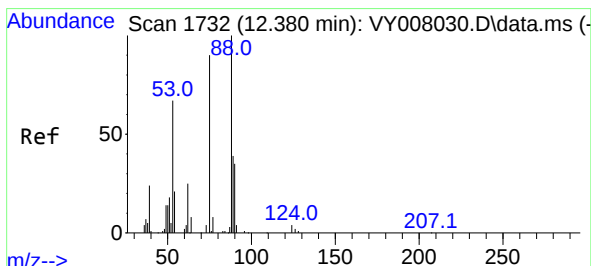
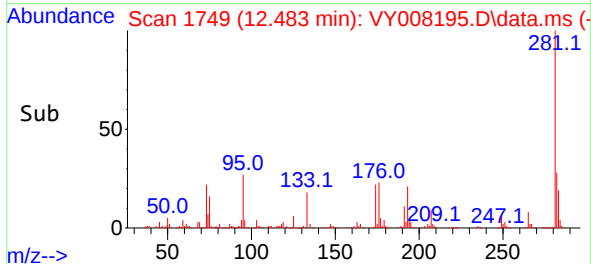
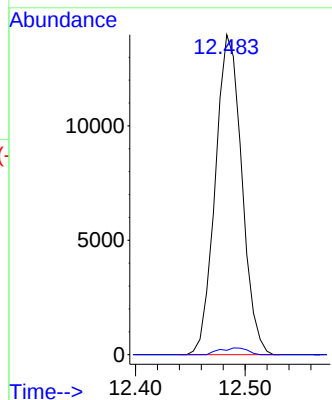
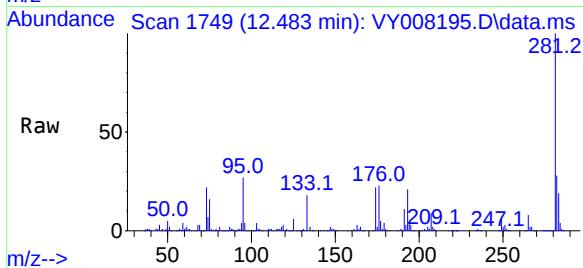




#76
1,2,3-Trichloropropane
Concen: 74.986 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.146 min
Lab File: VY008195.D
Acq: 04 Apr 2022 20:57

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 23479
Ion Ratio Lower Upper
75 100
77 2.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 167.305 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY008195.D
Acq: 04 Apr 2022 20:57

Tgt Ion: 75 Resp: 23479
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 8.1 37.0 55.4#

