

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022422\
 Data File : VY007629.D
 Acq On : 24 Feb 2022 19:48
 Operator : SY/MD
 Sample : N1584-10
 Misc : 5.20g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 D14-12.5

Quant Time: Feb 25 05:44:39 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)

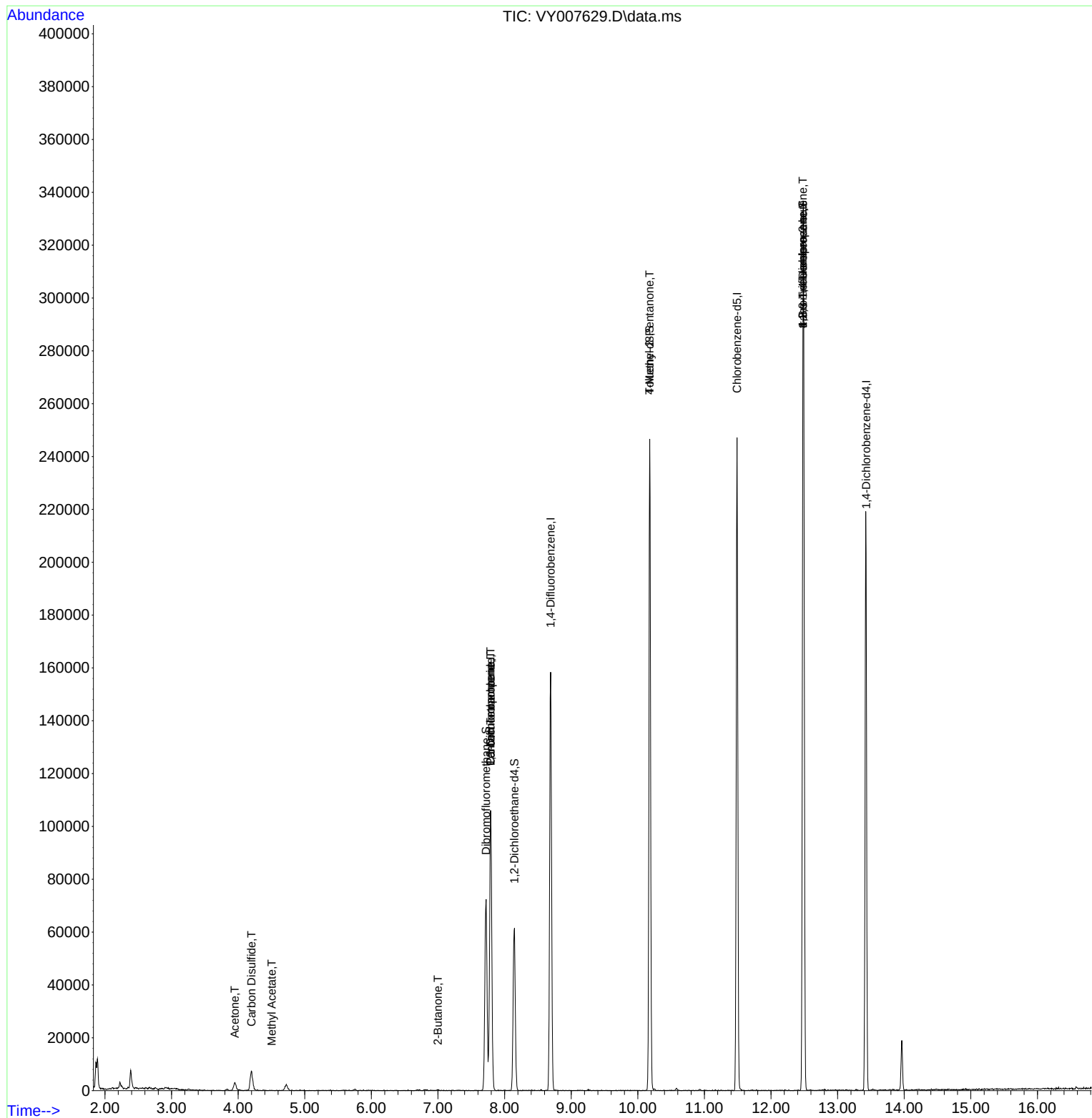
Internal Standards						
1) Pentafluorobenzene	7.789	168	82113	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	139426	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	134174	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	55728	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	49305	53.975	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 107.960%			
35) Dibromofluoromethane	7.722	113	47268	53.728	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.460%			
50) Toluene-d8	10.179	98	163257	50.145	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 100.280%			
62) 4-Bromofluorobenzene	12.477	95	53758	48.325	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 96.660%			
Target Compounds						
					Qvalue	
5) Bromomethane	2.668	94	141	Below Cal	#	37
16) Acetone	3.948	43	4778	22.967	ug/l #	71
17) Carbon Disulfide	4.198	76	14776	6.410	ug/l	100
18) Methyl Acetate	4.503	43	20	1.286	ug/l #	56
20) Methylene Chloride	4.722	84	1870	Below Cal	#	65
25) 2-Butanone	6.996	43	391	1.658	ug/l #	54
31) Cyclohexane	7.789	56	1820	Below Cal	#	41
36) 1,1-Dichloropropene	7.789	75	6061	4.781	ug/l #	58
38) Carbon Tetrachloride	7.789	117	8526	4.592	ug/l #	15
51) 4-Methyl-2-Pentanone	10.179	43	724	1.234	ug/l #	1
76) 1,2,3-Trichloropropane	12.477	75	32600	58.490	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	32600	125.763	ug/l #	8

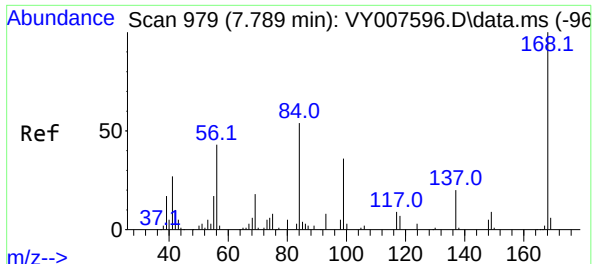
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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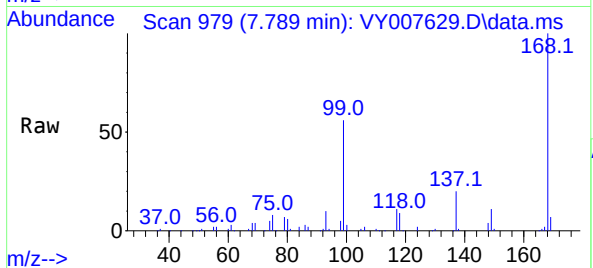
Quant Time: Feb 25 05:44:39 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022322S.M
Quant Title : SW846 8260
QLast Update : Thu Feb 24 07:13:58 2022
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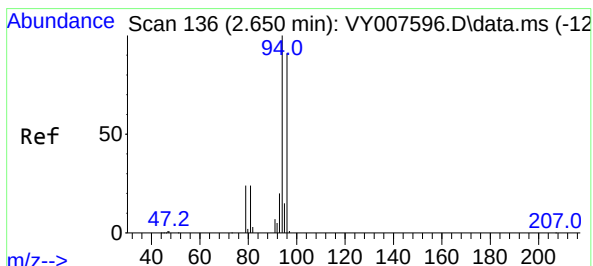
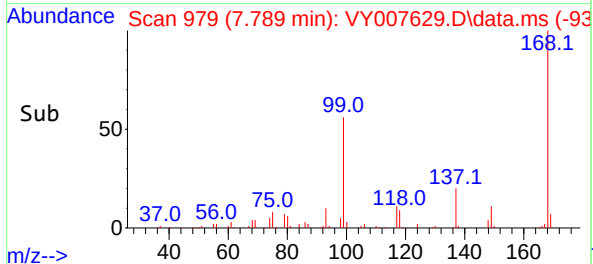
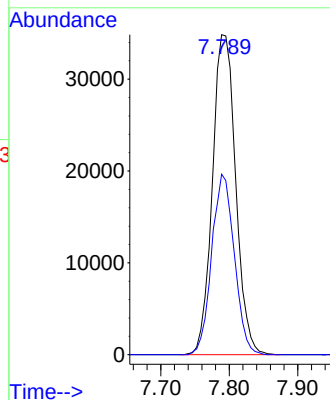


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007629.D
Acq: 24 Feb 2022 19:48

Instrument :
MSVOA_Y
ClientSampleId :
D14-12.5

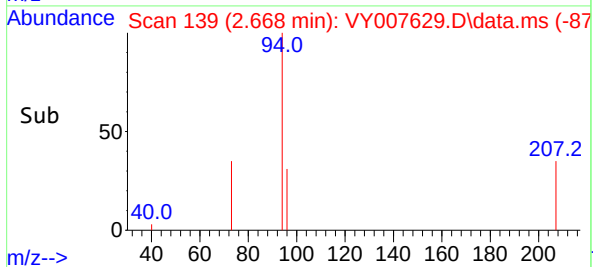
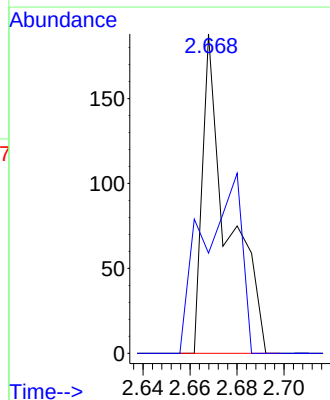
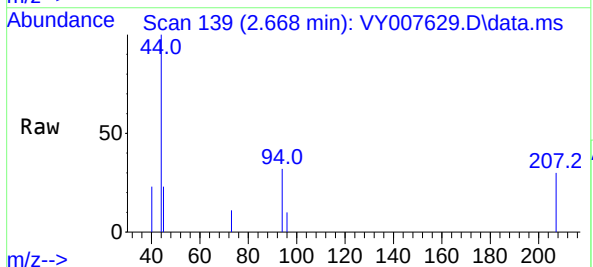


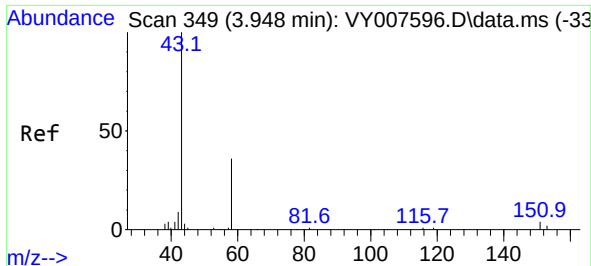
Tgt Ion:168 Resp: 82113
Ion Ratio Lower Upper
168 100
99 56.4 46.9 70.3



#5
Bromomethane
Concen: Below Cal
RT: 2.668 min Scan# 139
Delta R.T. 0.018 min
Lab File: VY007629.D
Acq: 24 Feb 2022 19:48

Tgt Ion: 94 Resp: 141
Ion Ratio Lower Upper
94 100
96 31.4 73.5 110.3#

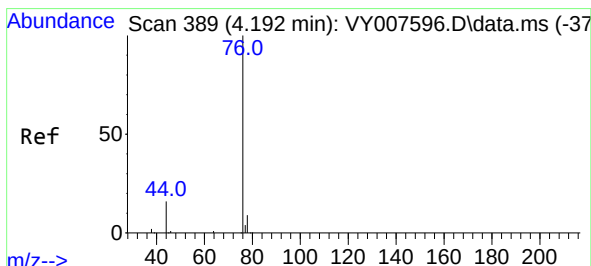
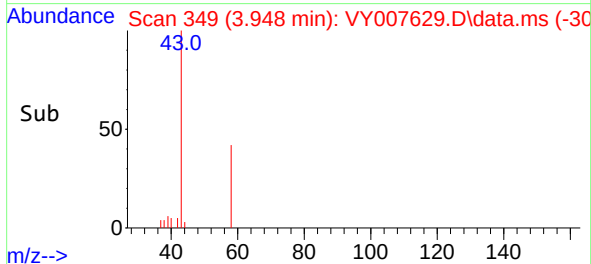
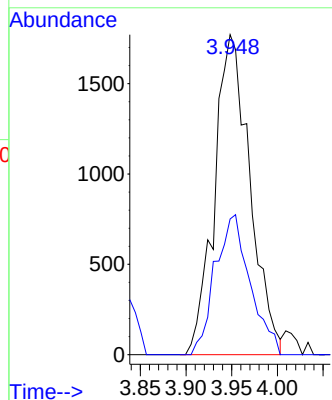
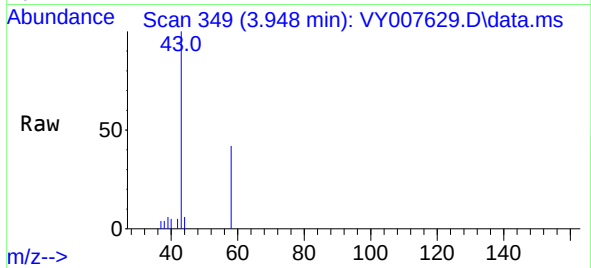




#16
Acetone
Concen: 22.967 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY007629.D
Acq: 24 Feb 2022 19:48

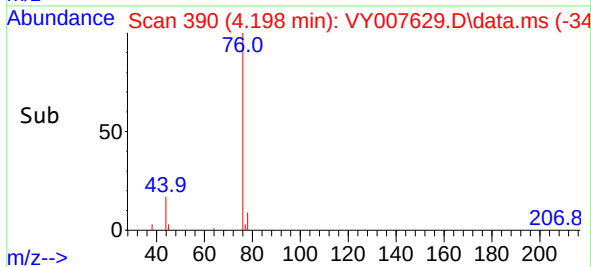
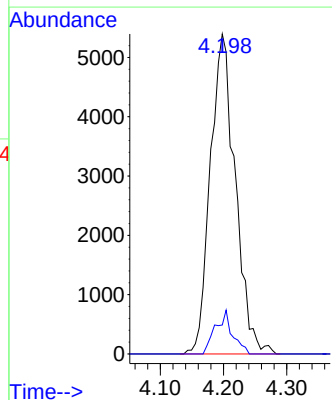
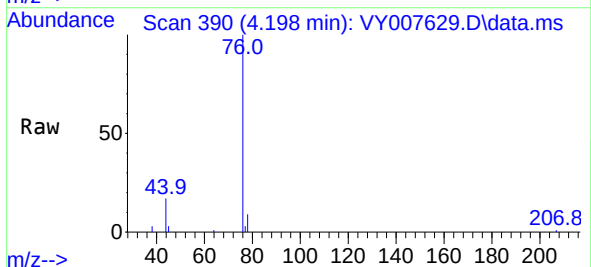
Instrument :
MSVOA_Y
ClientSampleId :
D14-12.5

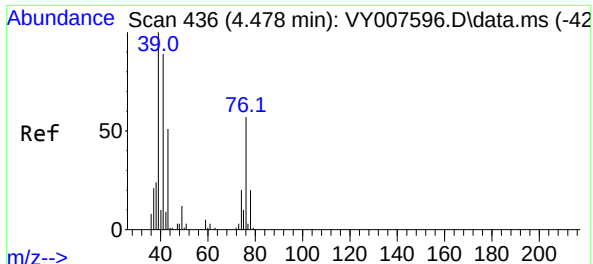
Tgt Ion: 43 Resp: 4778
Ion Ratio Lower Upper
43 100
58 42.4 22.0 33.0#



#17
Carbon Disulfide
Concen: 6.410 ug/l
RT: 4.198 min Scan# 390
Delta R.T. 0.006 min
Lab File: VY007629.D
Acq: 24 Feb 2022 19:48

Tgt Ion: 76 Resp: 14776
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.0





#18

Methyl Acetate

Concen: 1.286 ug/l

RT: 4.503 min Scan# 440

Delta R.T. 0.025 min

Lab File: VY007629.D

Acq: 24 Feb 2022 19:48

Instrument :

MSVOA_Y

ClientSampleId :

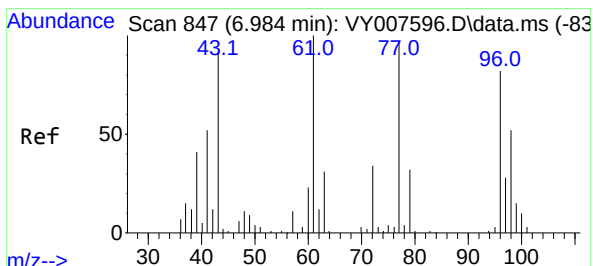
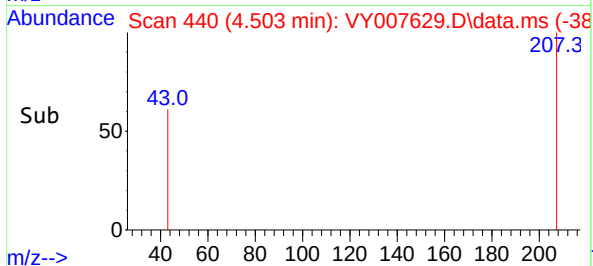
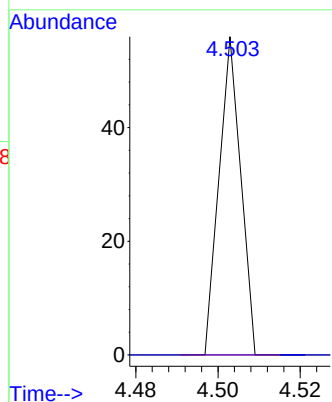
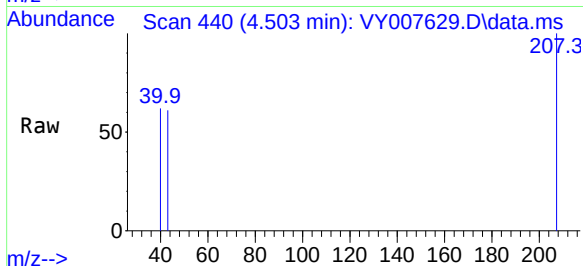
D14-12.5

Tgt Ion: 43 Resp: 20

Ion Ratio Lower Upper

43 100

74 0.0 16.6 24.8#



#25

2-Butanone

Concen: 1.658 ug/l

RT: 6.996 min Scan# 849

Delta R.T. 0.012 min

Lab File: VY007629.D

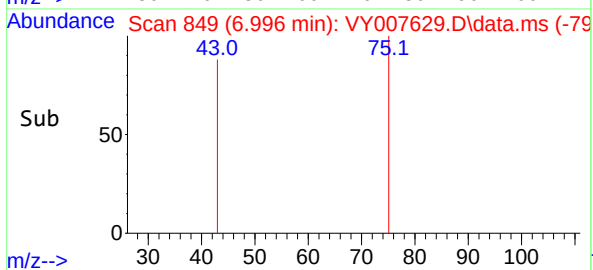
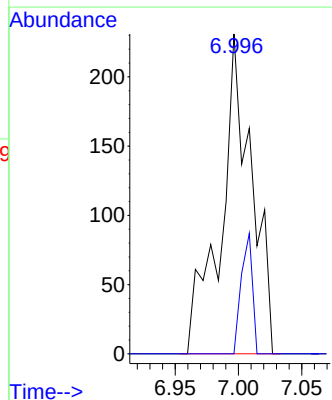
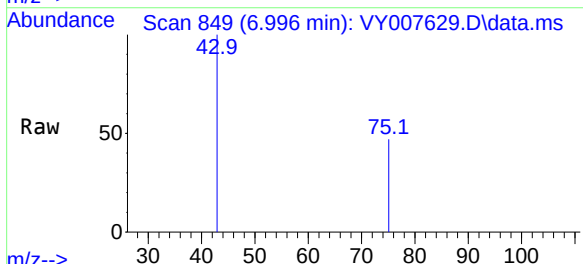
Acq: 24 Feb 2022 19:48

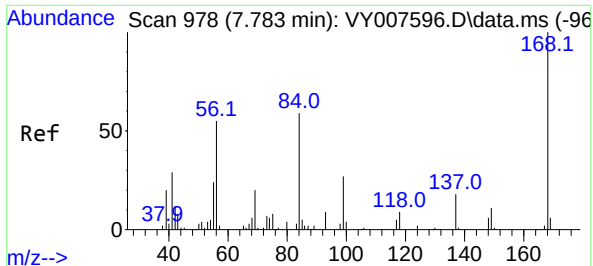
Tgt Ion: 43 Resp: 391

Ion Ratio Lower Upper

43 100

72 0.0 17.7 26.5#

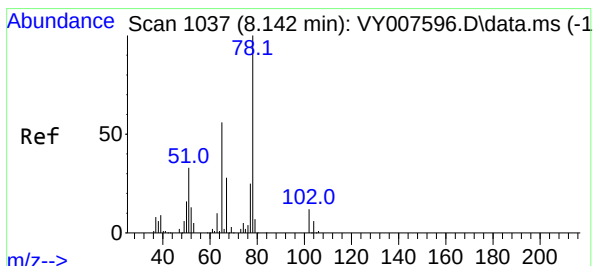
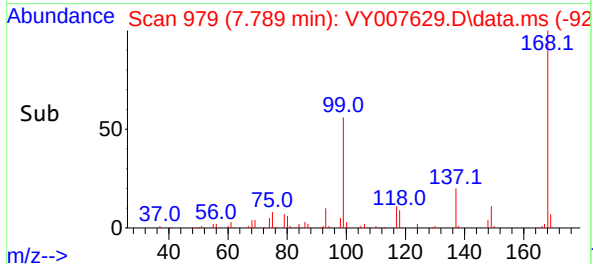
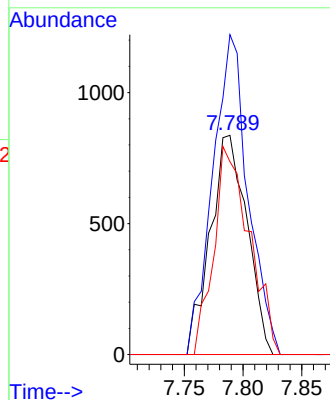
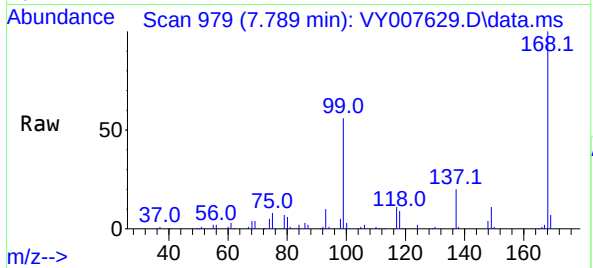




#31
Cyclohexane
Concen: Below Cal
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007629.D
Acq: 24 Feb 2022 19:48

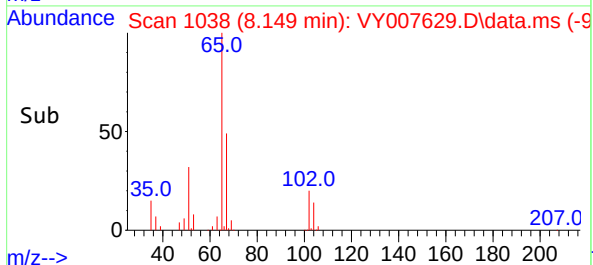
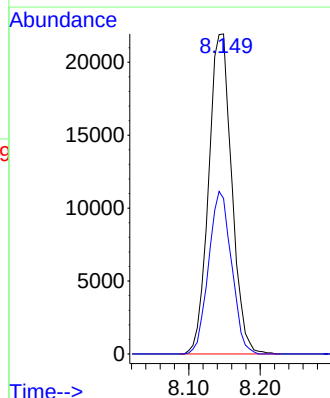
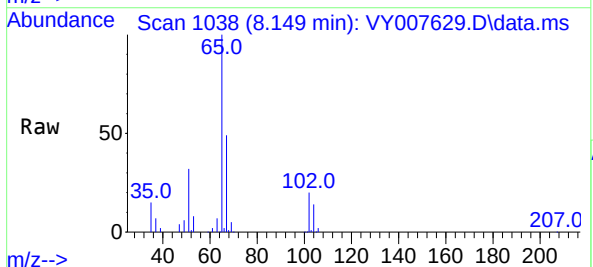
Instrument :
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ClientSampleId :
D14-12.5

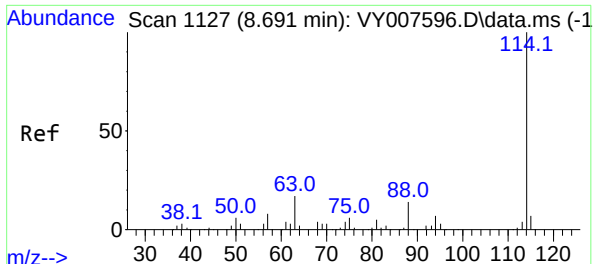
Tgt Ion: 56 Resp: 1820
Ion Ratio Lower Upper
56 100
69 145.9 26.7 40.1#
84 87.9 67.2 100.8



#33
1,2-Dichloroethane-d4
Concen: 53.975 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.007 min
Lab File: VY007629.D
Acq: 24 Feb 2022 19:48

Tgt Ion: 65 Resp: 49305
Ion Ratio Lower Upper
65 100
67 50.2 0.0 99.4

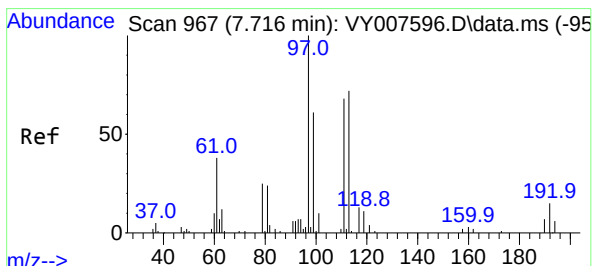
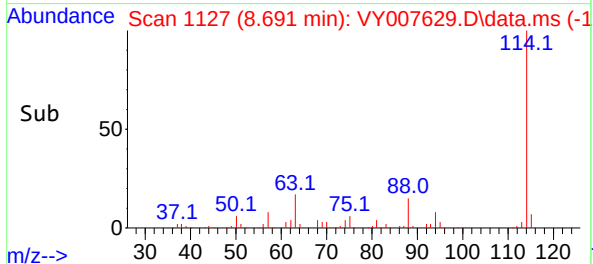
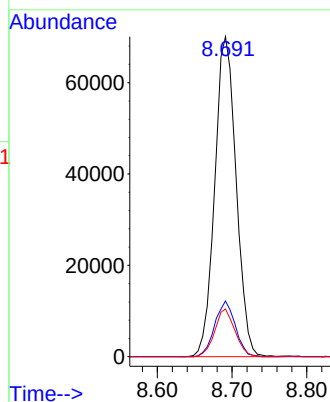
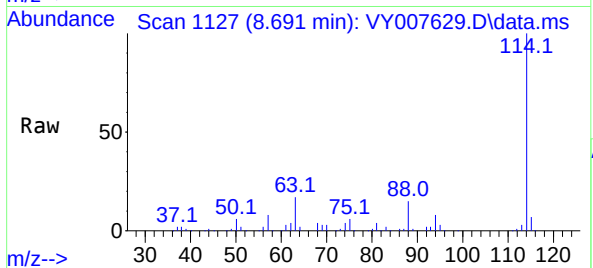




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY007629.D
Acq: 24 Feb 2022 19:48

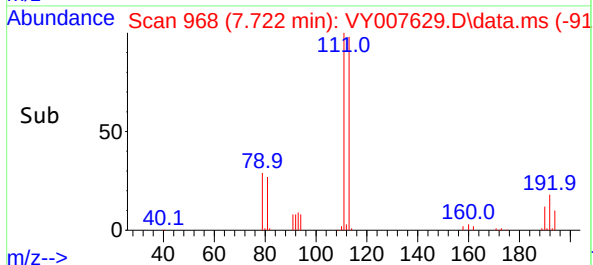
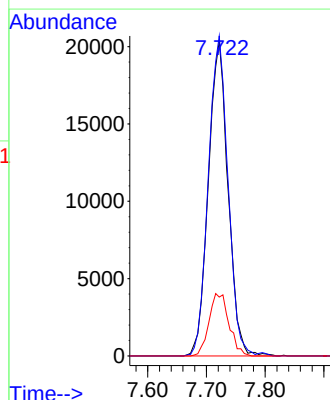
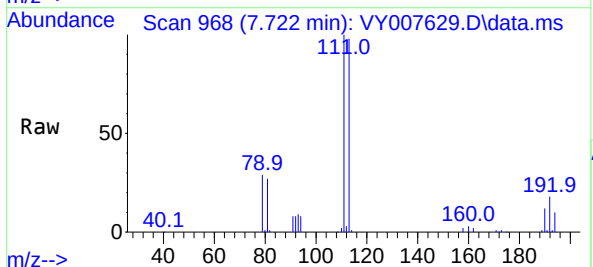
Instrument :
MSVOA_Y
ClientSampleId :
D14-12.5

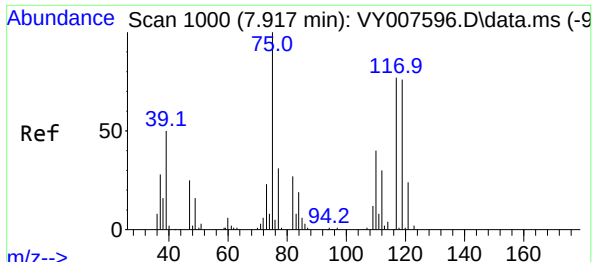
Tgt Ion:114 Resp: 139426
Ion Ratio Lower Upper
114 100
63 17.4 0.0 43.2
88 14.9 0.0 31.8



#35
Dibromofluoromethane
Concen: 53.728 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY007629.D
Acq: 24 Feb 2022 19:48

Tgt Ion:113 Resp: 47268
Ion Ratio Lower Upper
113 100
111 101.5 82.6 124.0
192 20.1 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.781 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY007629.D

Acq: 24 Feb 2022 19:48

Instrument :

MSVOA_Y

ClientSampleId :

D14-12.5

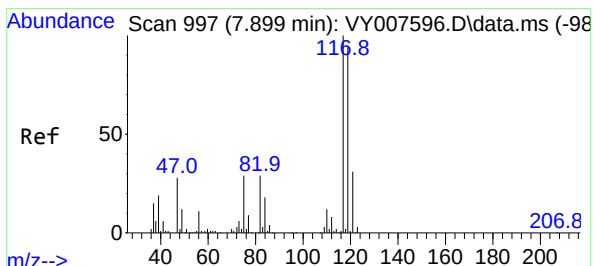
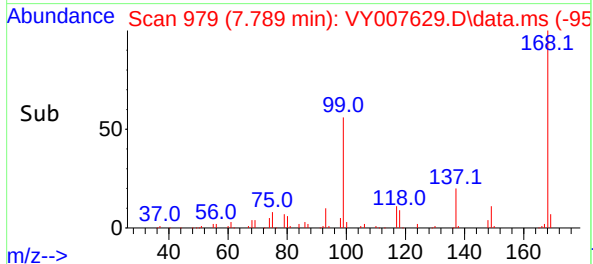
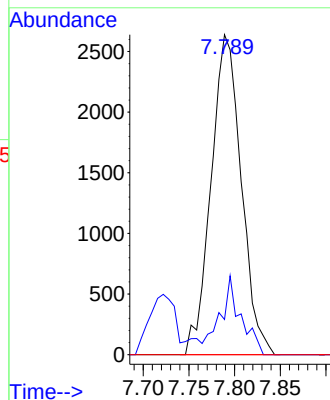
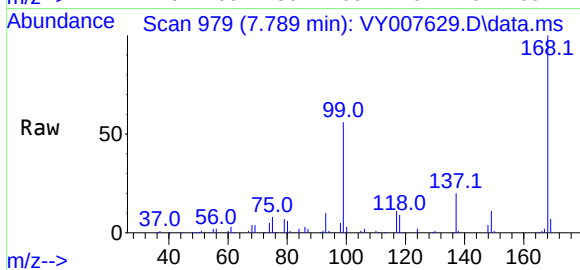
Tgt Ion: 75 Resp: 6061

Ion Ratio Lower Upper

75 100

110 16.9 17.1 51.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 4.592 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY007629.D

Acq: 24 Feb 2022 19:48

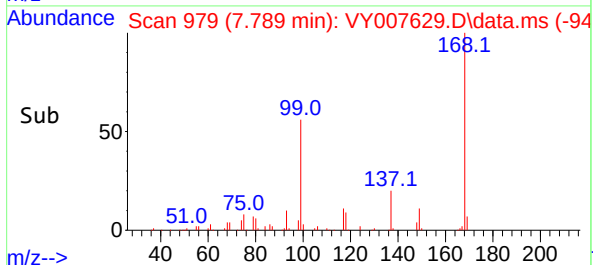
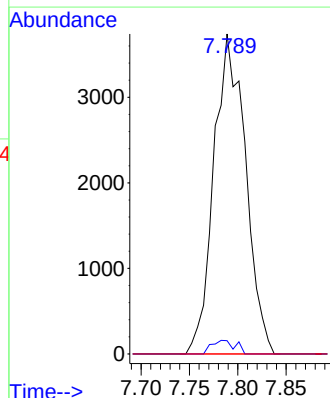
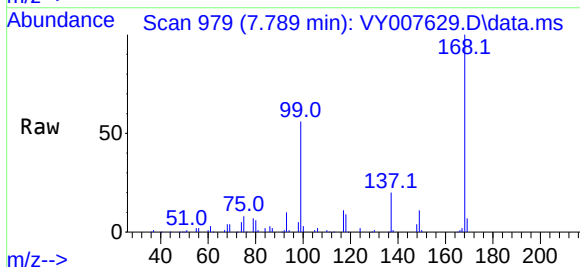
Tgt Ion: 117 Resp: 8526

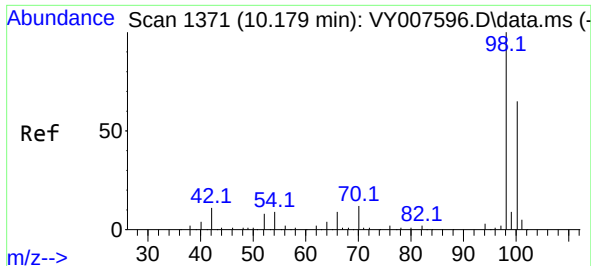
Ion Ratio Lower Upper

117 100

119 4.1 77.9 116.9#

121 0.0 24.8 37.2#

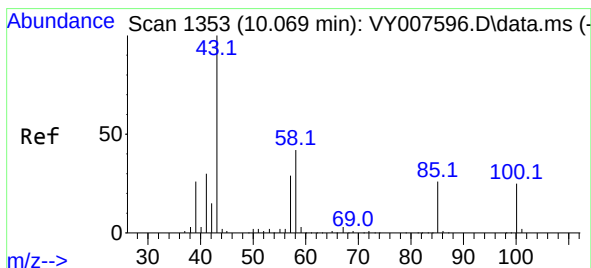
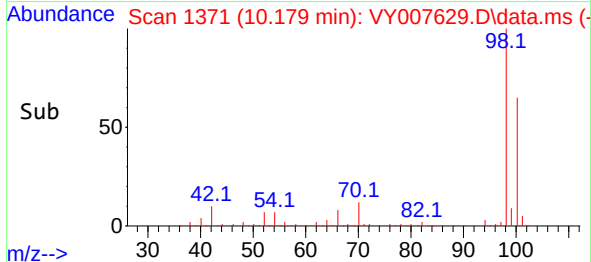
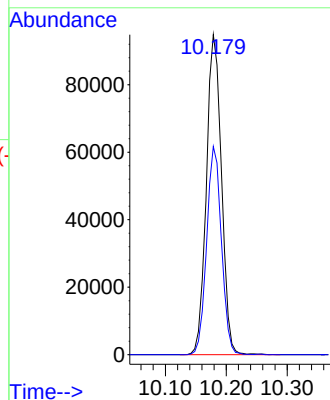
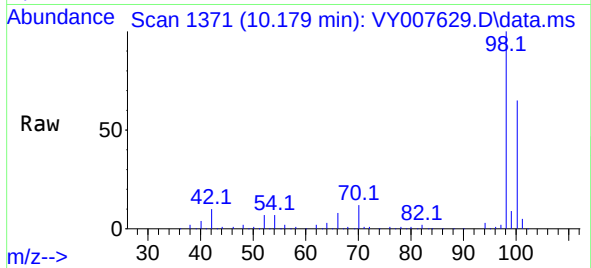




#50
Toluene-d8
Concen: 50.145 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY007629.D
Acq: 24 Feb 2022 19:48

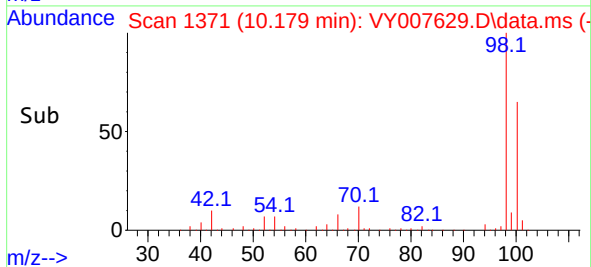
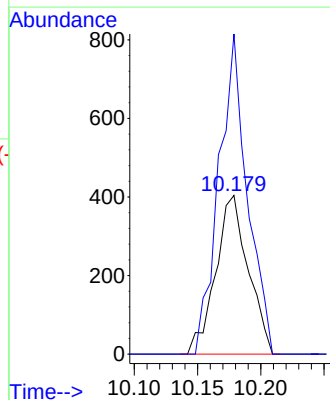
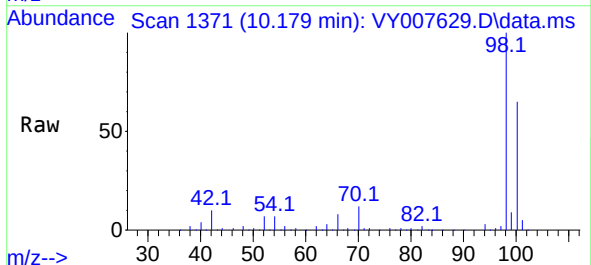
Instrument :
MSVOA_Y
ClientSampleId :
D14-12.5

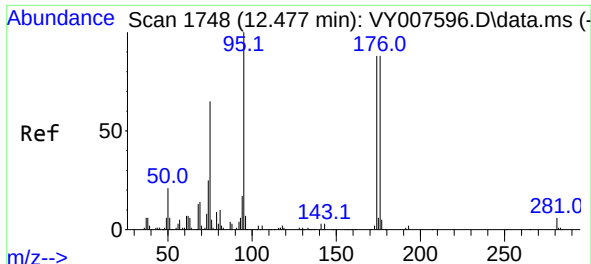
Tgt Ion: 98 Resp: 163257
Ion Ratio Lower Upper
98 100
100 63.6 50.2 75.2



#51
4-Methyl-2-Pentanone
Concen: 1.234 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.110 min
Lab File: VY007629.D
Acq: 24 Feb 2022 19:48

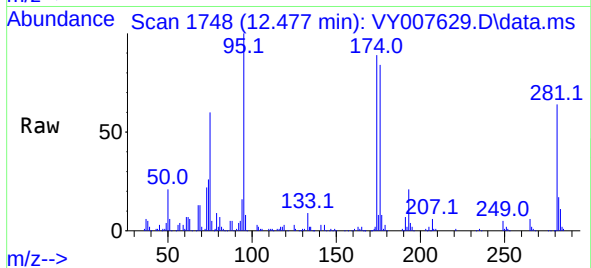
Tgt Ion: 43 Resp: 724
Ion Ratio Lower Upper
43 100
58 176.4 28.1 42.1#



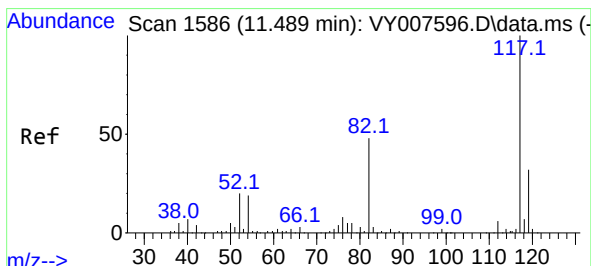
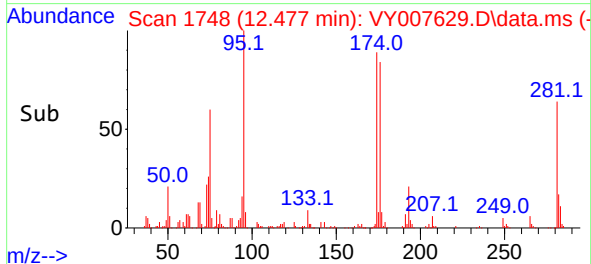
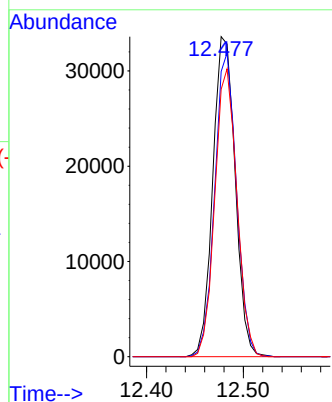


#62
4-Bromofluorobenzene
Concen: 48.325 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY007629.D
Acq: 24 Feb 2022 19:48

Instrument :
MSVOA_Y
ClientSampleId :
D14-12.5

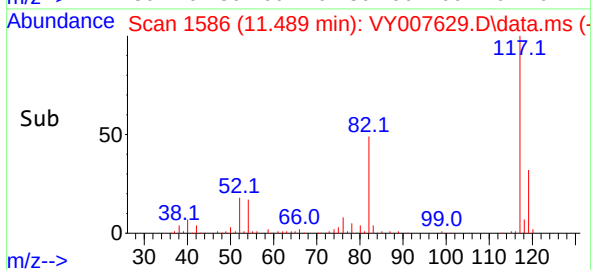
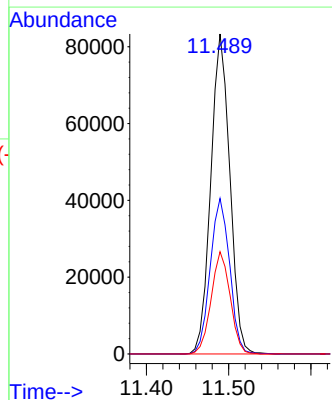
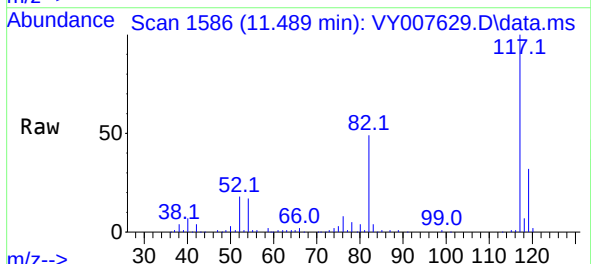


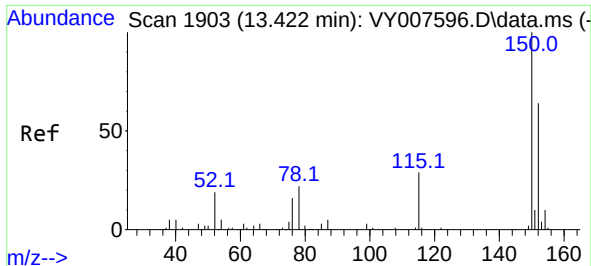
Tgt Ion: 95 Resp: 53758
Ion Ratio Lower Upper
95 100
174 92.6 0.0 177.0
176 88.7 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY007629.D
Acq: 24 Feb 2022 19:48

Tgt Ion: 117 Resp: 134174
Ion Ratio Lower Upper
117 100
82 48.6 43.0 64.4
119 31.9 25.4 38.0

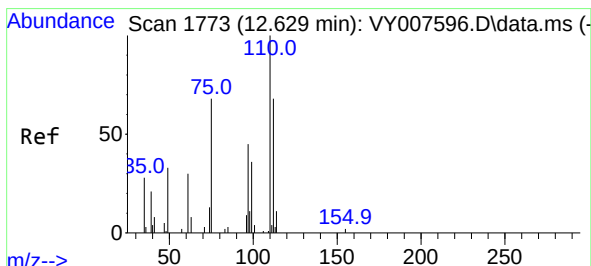
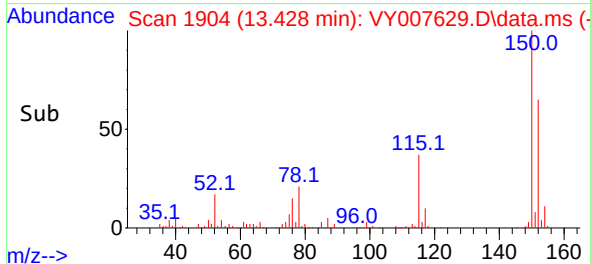
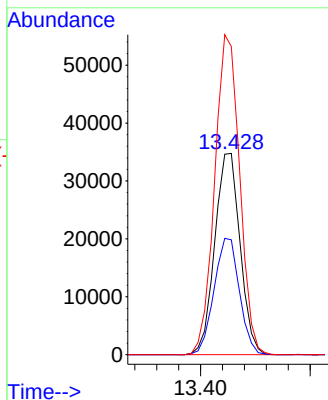
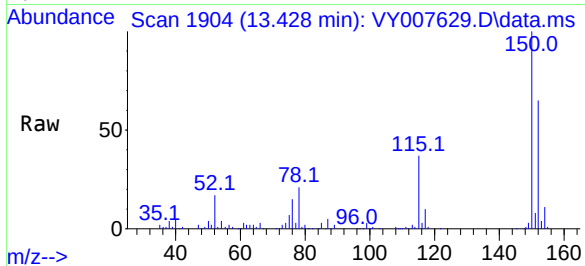




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1903
Delta R.T. 0.006 min
Lab File: VY007629.D
Acq: 24 Feb 2022 19:48

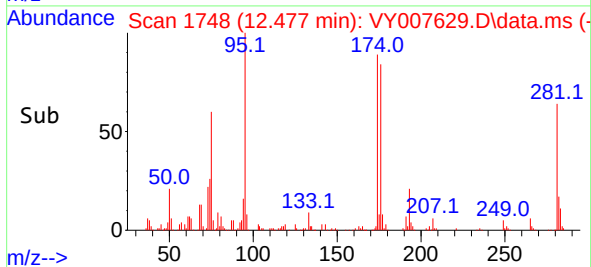
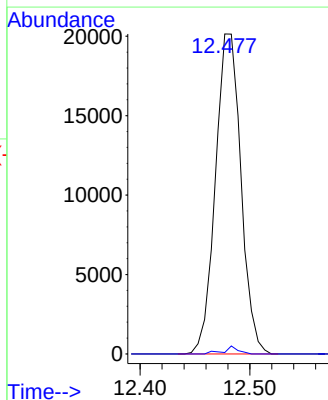
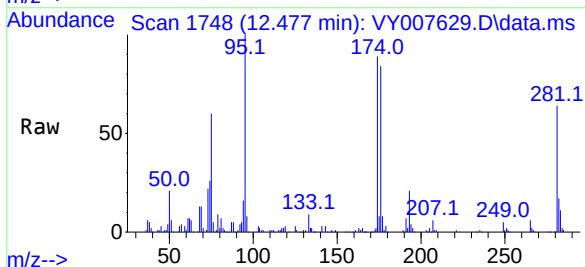
Instrument :
MSVOA_Y
ClientSampleId :
D14-12.5

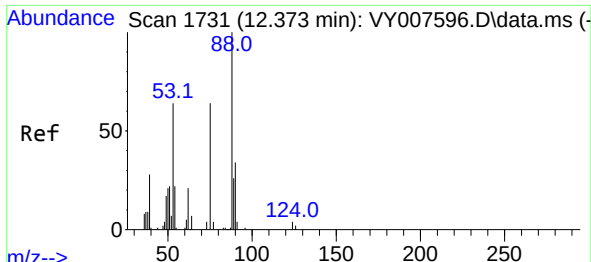
Tgt Ion:152 Resp: 55728
Ion Ratio Lower Upper
152 100
115 58.0 28.2 84.7
150 157.0 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 58.490 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY007629.D
Acq: 24 Feb 2022 19:48

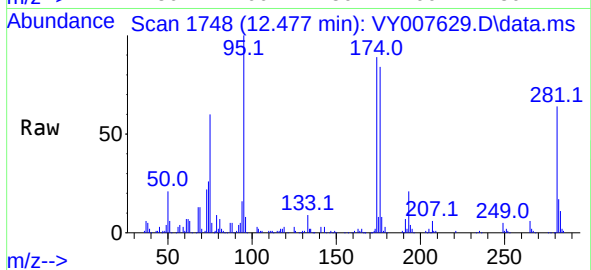
Tgt Ion: 75 Resp: 32600
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 125.763 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY007629.D
 Acq: 24 Feb 2022 19:48

Instrument :
 MSVOA_Y
 ClientSampleId :
 D14-12.5



Tgt Ion: 75 Resp: 32600
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 1.4 37.0 55.4#

