

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100422\
 Data File : VY010795.D
 Acq On : 04 Oct 2022 15:10
 Operator : KP/MD
 Sample : N4948-03
 Misc : 6.46g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 05 07:29:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100322S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 04 07:26:22 2022
 Response via : Initial Calibration

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

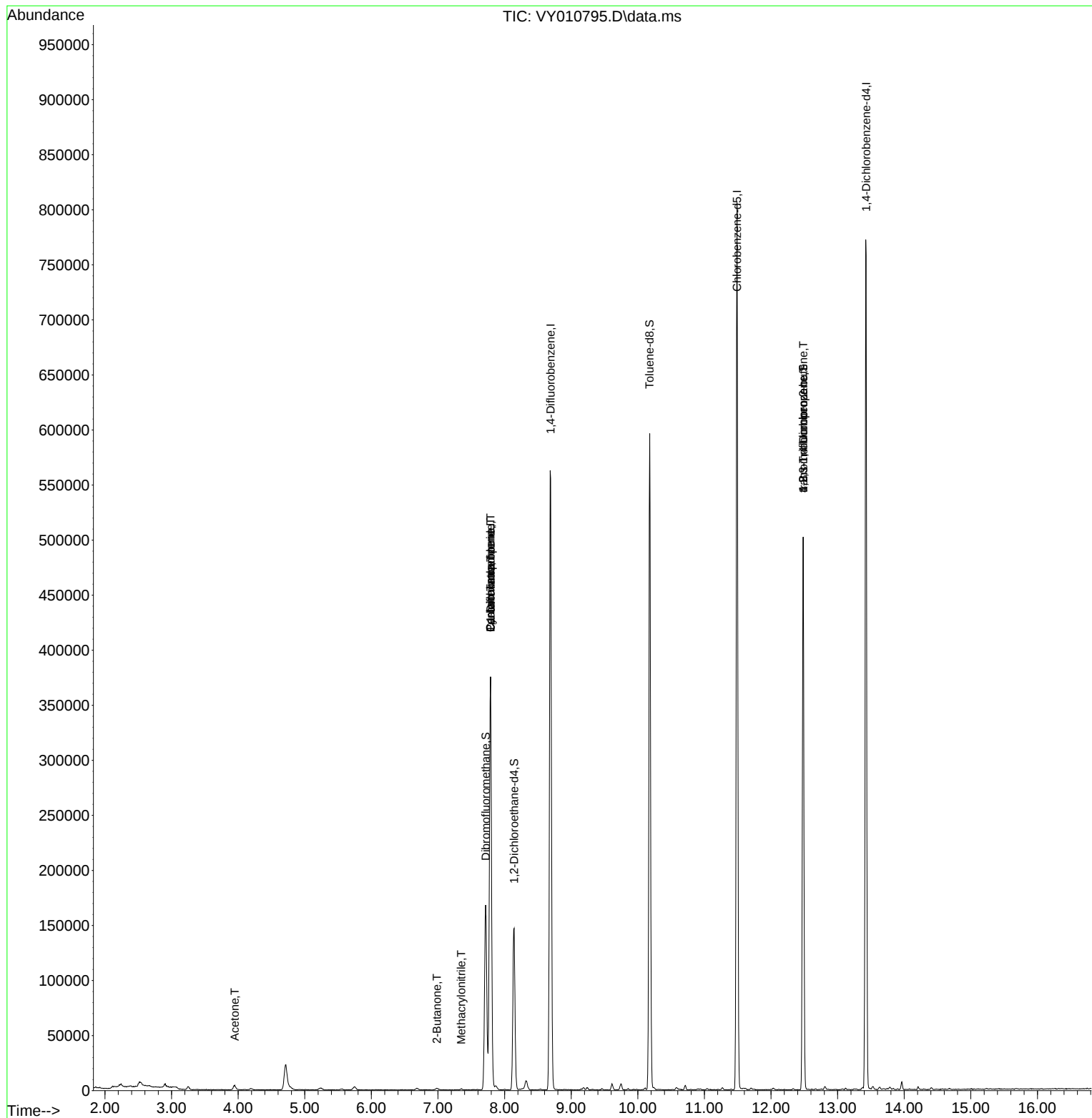
Internal Standards						
1) Pentafluorobenzene	7.789	168	289879	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	490854	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	429444	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	201188	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	115936	39.457	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	78.920%		
35) Dibromofluoromethane	7.716	113	119333	36.624	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	73.240%		
50) Toluene-d8	10.179	98	388365	34.853	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	69.700%		
62) 4-Bromofluorobenzene	12.483	95	143033	31.493	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	62.980%		
Target Compounds						Qvalue
11) Tert butyl alcohol	4.942	59	235	Below Cal	#	77
16) Acetone	3.948	43	6578	8.815	ug/l	97
25) 2-Butanone	6.984	43	1510	1.407	ug/l	99
31) Cyclohexane	7.789	56	6149	1.169	ug/l	# 1
36) 1,1-Dichloropropene	7.789	75	21979	4.673	ug/l	# 51
38) Carbon Tetrachloride	7.789	117	28564	5.830	ug/l	# 14
41) Methacrylonitrile	7.350	41	359	2.833	ug/l	# 13
76) 1,2,3-Trichloropropane	12.483	75	75324	36.970	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	75324	77.228	ug/l	# 7

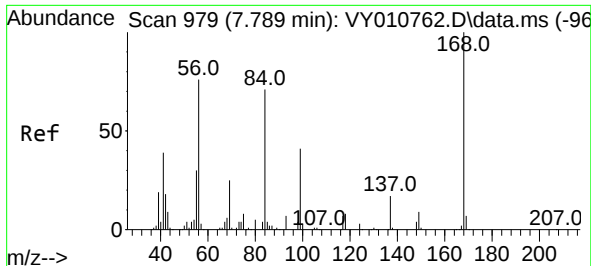
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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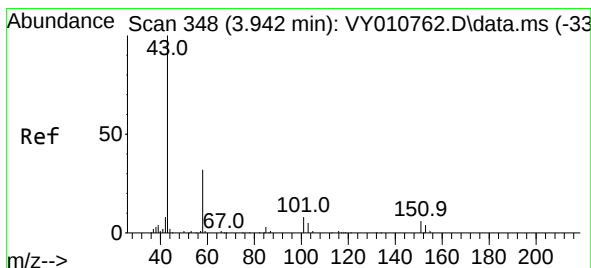
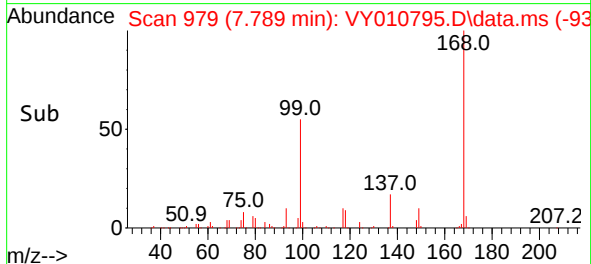
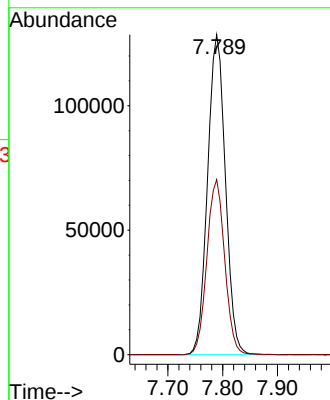
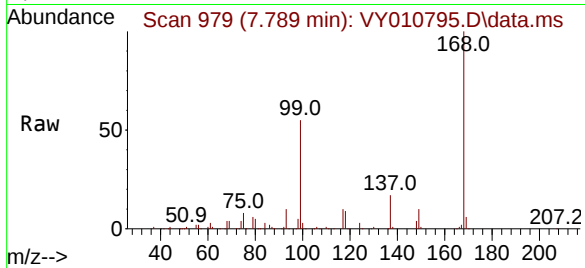




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY010795.D
Acq: 04 Oct 2022 15:10

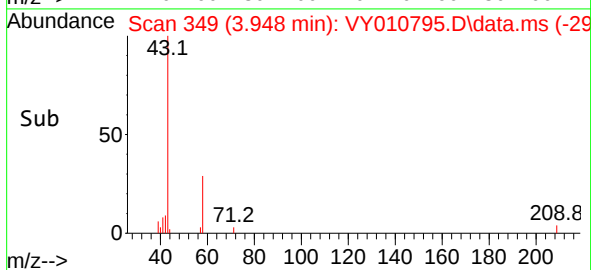
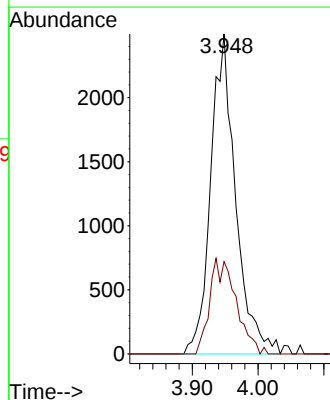
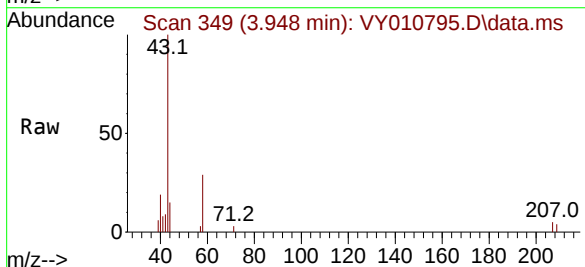
Instrument :
MSVOA_Y
ClientSampleId :

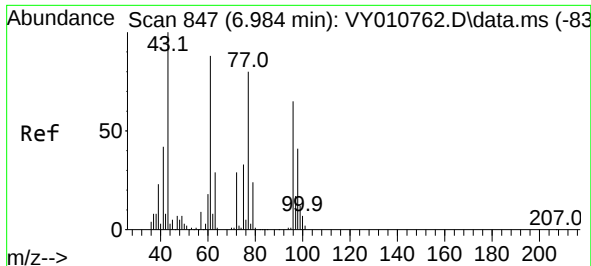
Tgt Ion:168 Resp: 289879
Ion Ratio Lower Upper
168 100
99 54.7 46.9 70.3



#16
Acetone
Concen: 8.815 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY010795.D
Acq: 04 Oct 2022 15:10

Tgt Ion: 43 Resp: 6578
Ion Ratio Lower Upper
43 100
58 28.8 22.0 33.0

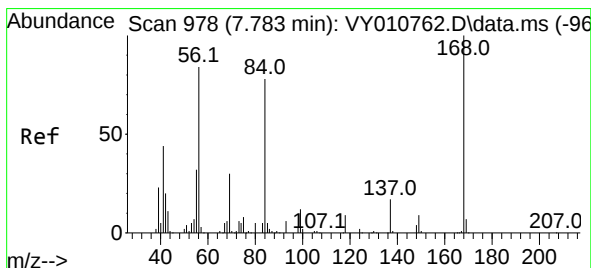
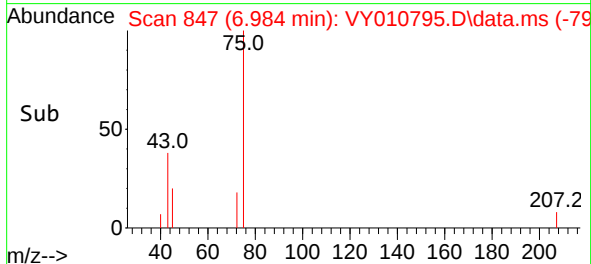
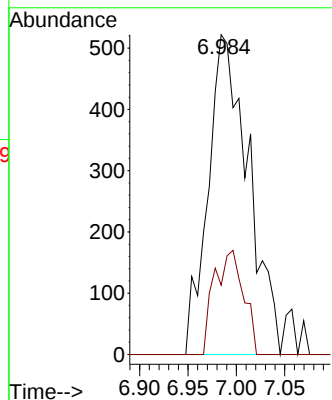
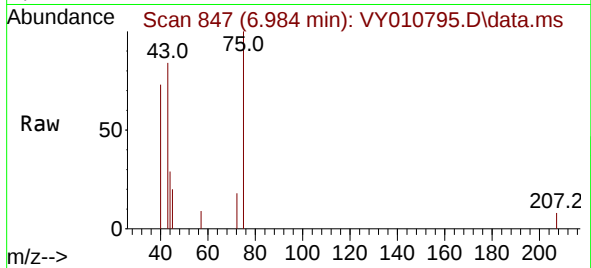




#25
2-Butanone
Concen: 1.407 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY010795.D
Acq: 04 Oct 2022 15:10

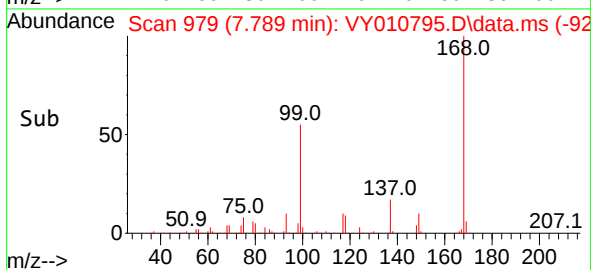
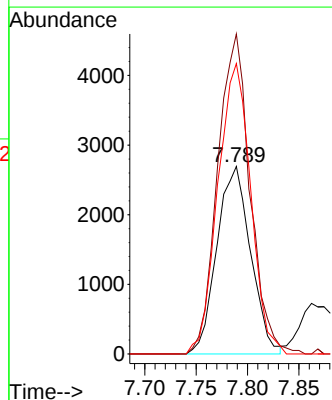
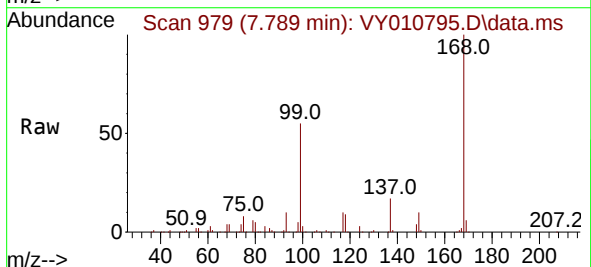
Instrument :
MSVOA_Y
ClientSampleId :

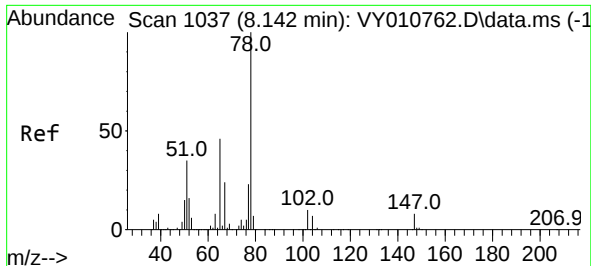
Tgt Ion: 43 Resp: 1510
Ion Ratio Lower Upper
43 100
72 21.6 17.7 26.5



#31
Cyclohexane
Concen: 1.169 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.006 min
Lab File: VY010795.D
Acq: 04 Oct 2022 15:10

Tgt Ion: 56 Resp: 6149
Ion Ratio Lower Upper
56 100
69 170.7 26.7 40.1#
84 154.9 67.2 100.8#

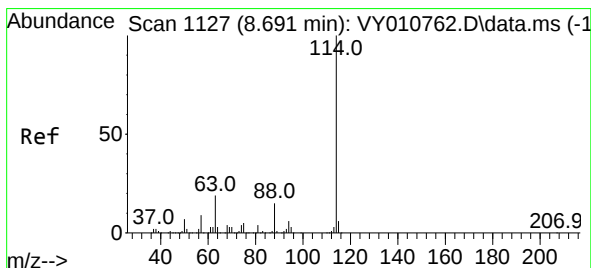
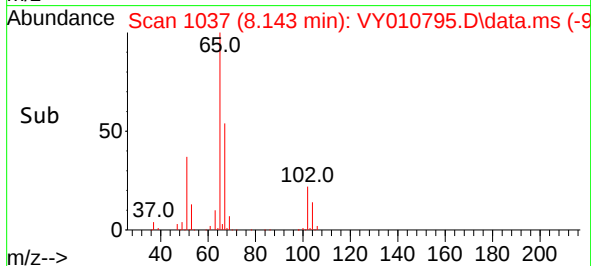
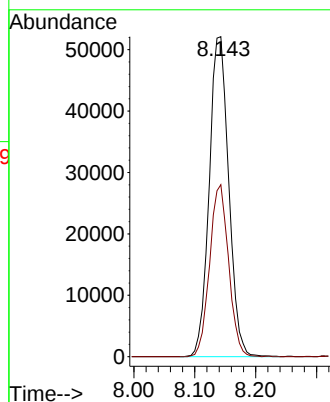
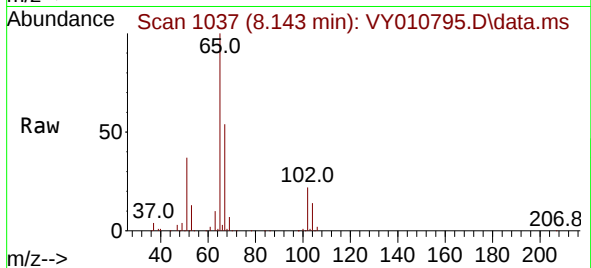




#33
 1,2-Dichloroethane-d4
 Concen: 39.457 ug/l
 RT: 8.143 min Scan# 110
 Delta R.T. 0.001 min
 Lab File: VY010795.D
 Acq: 04 Oct 2022 15:10

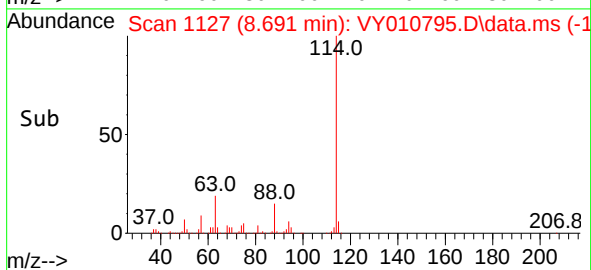
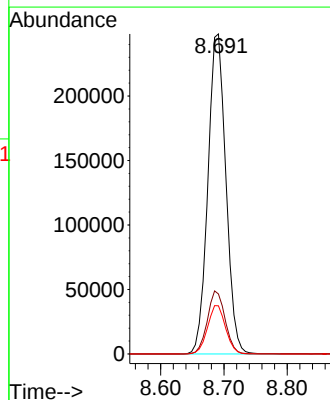
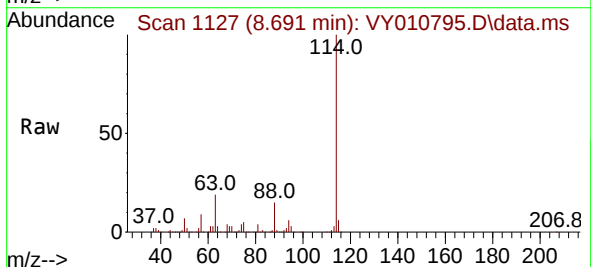
Instrument :
 MSVOA_Y
 ClientSampleId :

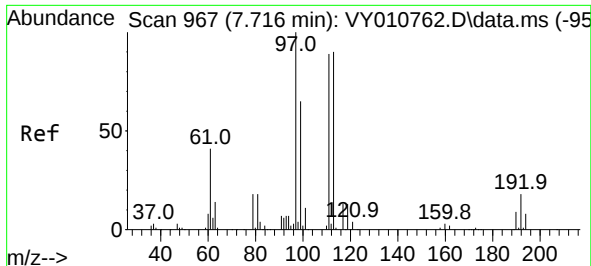
Tgt Ion: 65 Resp: 115936
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VY010795.D
 Acq: 04 Oct 2022 15:10

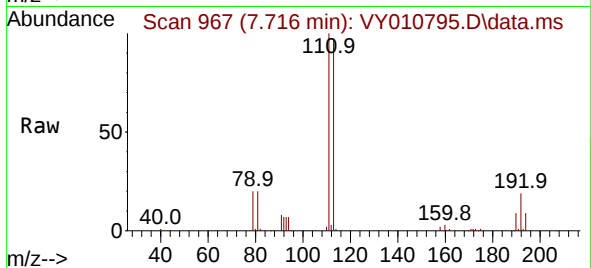
Tgt Ion: 114 Resp: 490854
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 43.2
 88 15.0 0.0 31.8



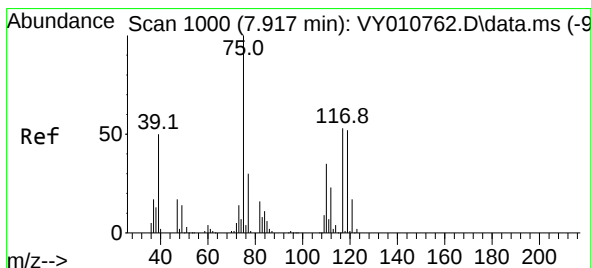
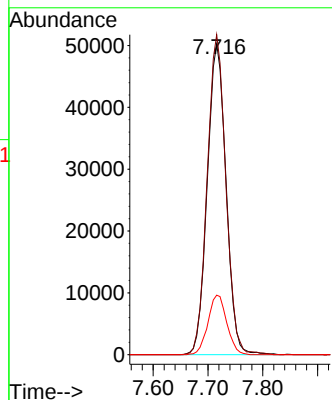
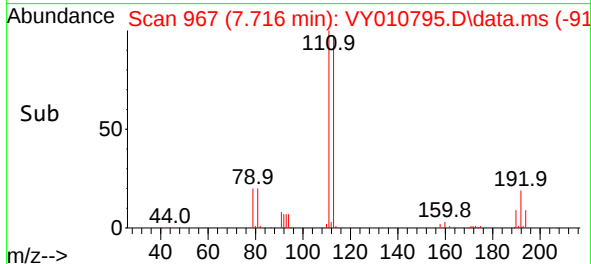


#35
Dibromofluoromethane
Concen: 36.624 ug/l
RT: 7.716 min Scan# 910
Delta R.T. -0.000 min
Lab File: VY010795.D
Acq: 04 Oct 2022 15:10

Instrument :
MSVOA_Y
ClientSampleId :

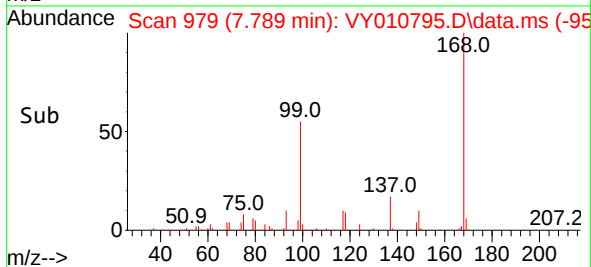
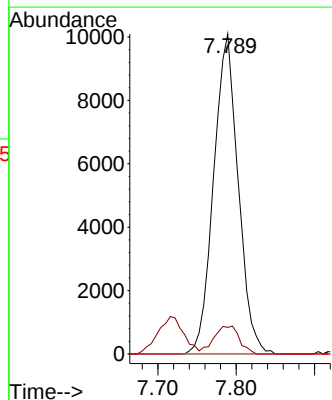
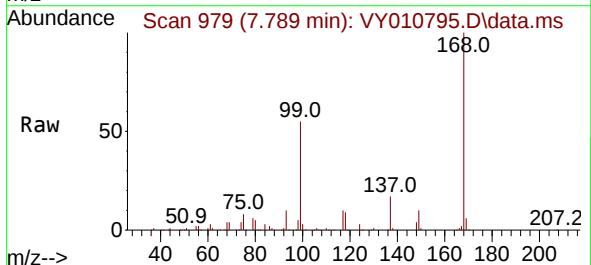


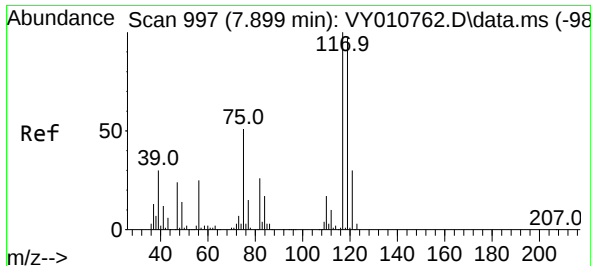
Tgt Ion:113 Resp: 119333
Ion Ratio Lower Upper
113 100
111 102.3 82.6 124.0
192 19.2 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.673 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY010795.D
Acq: 04 Oct 2022 15:10

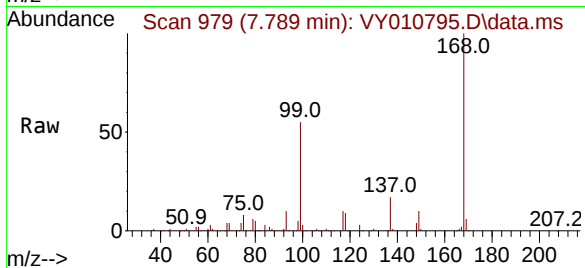
Tgt Ion: 75 Resp: 21979
Ion Ratio Lower Upper
75 100
110 9.0 17.1 51.2#
77 0.0 24.4 36.6#



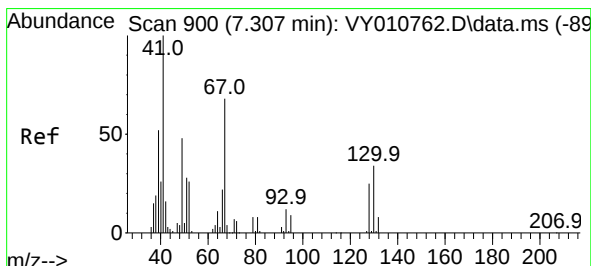
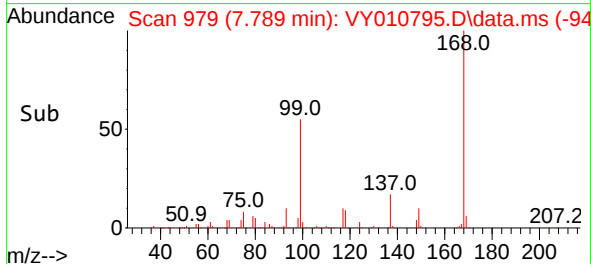
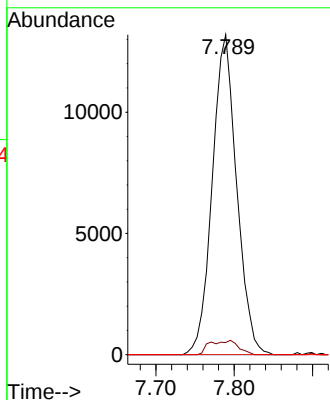


#38
Carbon Tetrachloride
Concen: 5.830 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY010795.D
Acq: 04 Oct 2022 15:10

Instrument :
MSVOA_Y
ClientSampleId :

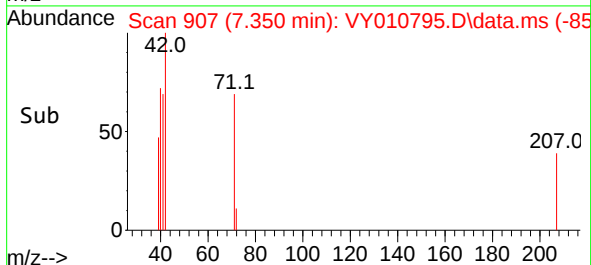
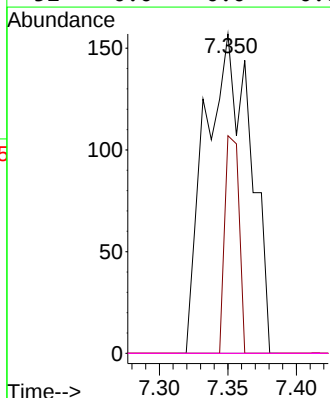
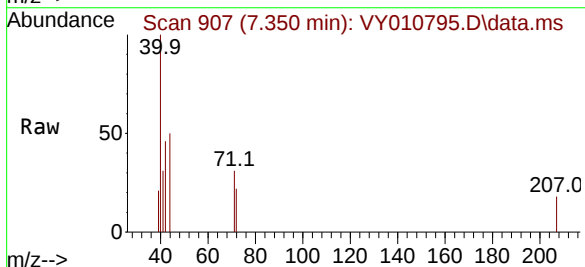


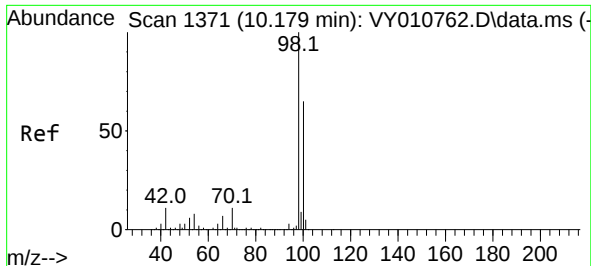
Tgt Ion:117 Resp: 28564
Ion Ratio Lower Upper
117 100
119 3.8 77.9 116.9#
121 0.0 24.8 37.2#



#41
Methacrylonitrile
Concen: 2.833 ug/l
RT: 7.350 min Scan# 907
Delta R.T. 0.043 min
Lab File: VY010795.D
Acq: 04 Oct 2022 15:10

Tgt Ion: 41 Resp: 359
Ion Ratio Lower Upper
41 100
39 21.4 92.9 139.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0

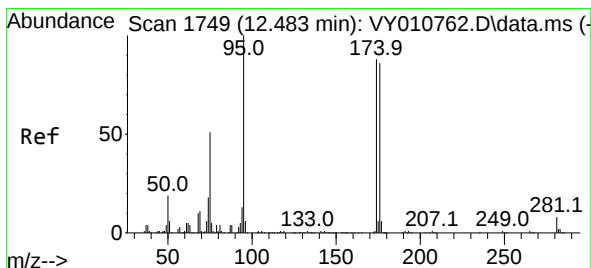
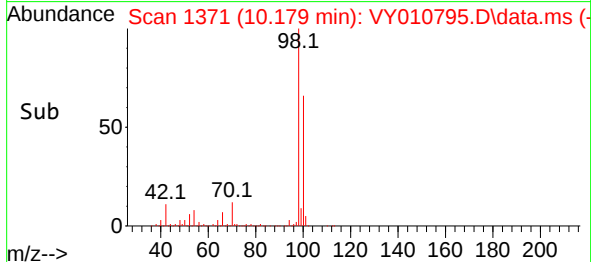
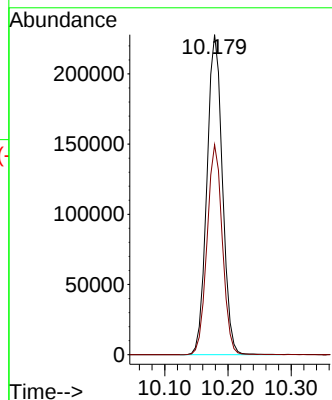
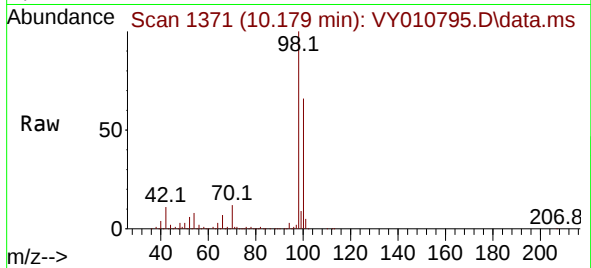




#50
Toluene-d8
Concen: 34.853 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010795.D
Acq: 04 Oct 2022 15:10

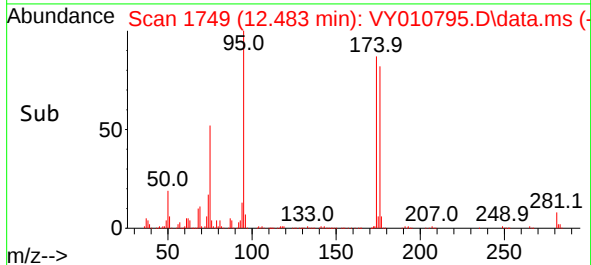
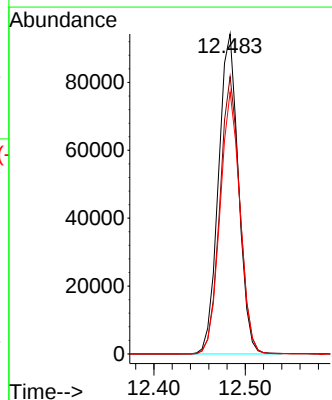
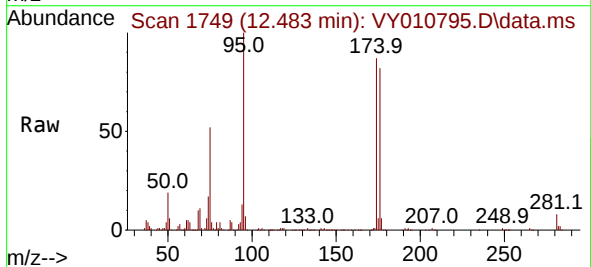
Instrument :
MSVOA_Y
ClientSampleId :

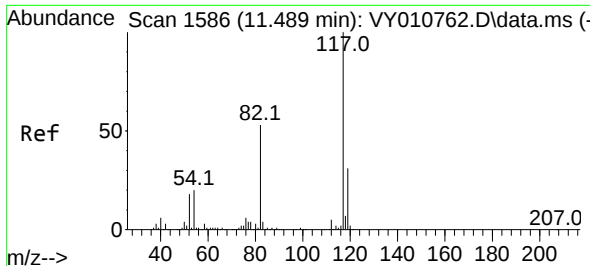
Tgt Ion: 98 Resp: 388365
Ion Ratio Lower Upper
98 100
100 64.7 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 31.493 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY010795.D
Acq: 04 Oct 2022 15:10

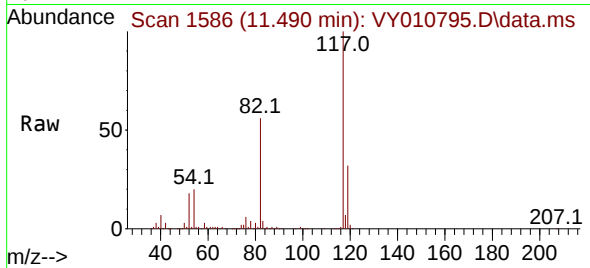
Tgt Ion: 95 Resp: 143033
Ion Ratio Lower Upper
95 100
174 86.6 0.0 177.0
176 82.2 0.0 175.8



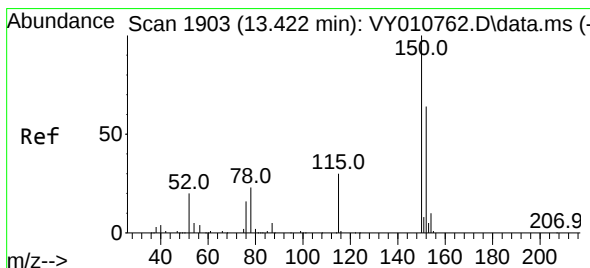
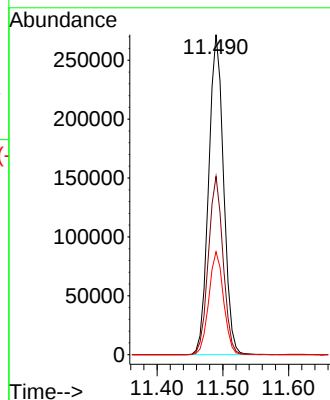
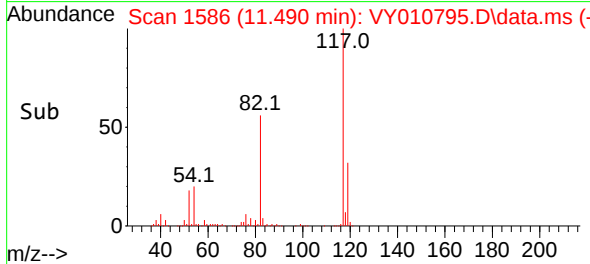


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY010795.D
Acq: 04 Oct 2022 15:10

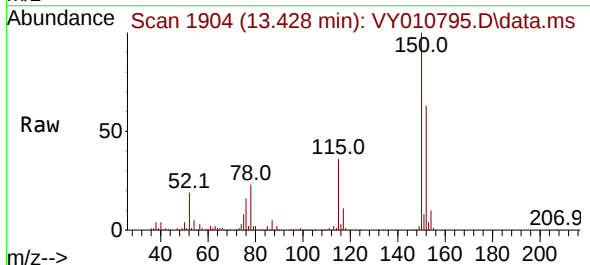
Instrument :
MSVOA_Y
ClientSampleId :



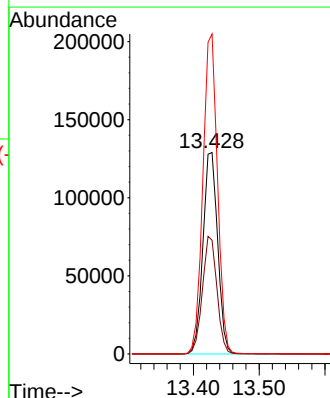
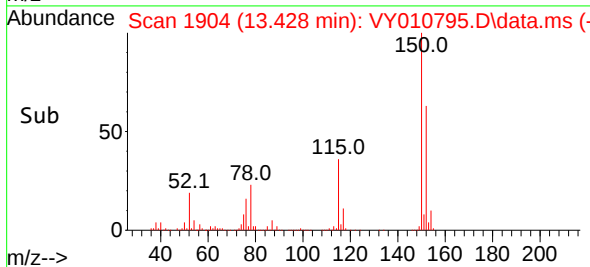
Tgt Ion:117 Resp: 429444
Ion Ratio Lower Upper
117 100
82 55.7 43.0 64.4
119 32.2 25.4 38.0

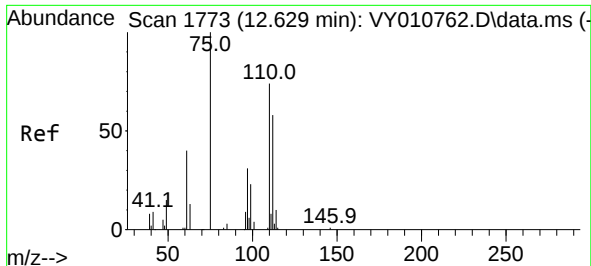


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY010795.D
Acq: 04 Oct 2022 15:10



Tgt Ion:152 Resp: 201188
Ion Ratio Lower Upper
152 100
115 57.5 28.2 84.7
150 157.1 0.0 347.6

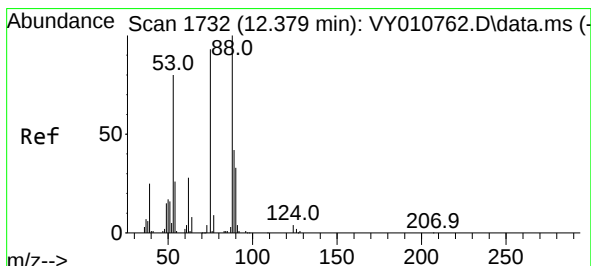
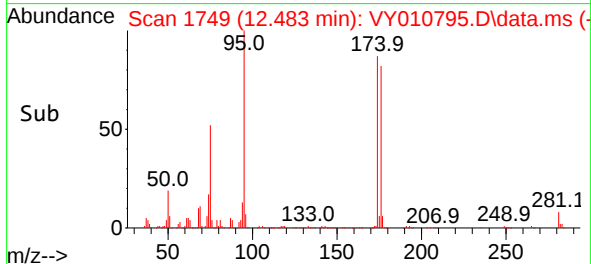
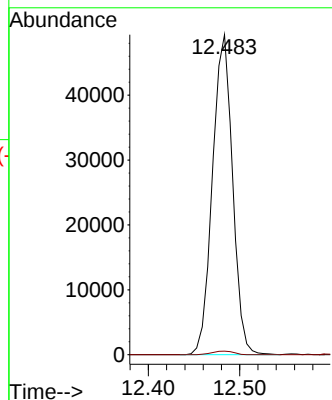
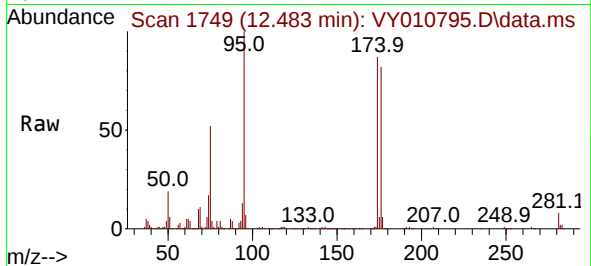




#76
1,2,3-Trichloropropane
Concen: 36.970 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.146 min
Lab File: VY010795.D
Acq: 04 Oct 2022 15:10

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 75324
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 77.228 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY010795.D
Acq: 04 Oct 2022 15:10

Tgt Ion: 75 Resp: 75324
Ion Ratio Lower Upper
75 100
53 0.1 85.3 127.9#
89 0.1 37.0 55.4#

