

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100522\
 Data File : VY010828.D
 Acq On : 05 Oct 2022 18:17
 Operator : KP/MD
 Sample : N5004-08
 Misc : 6.10g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 D22009-18

Quant Time: Oct 06 09:23:21 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)

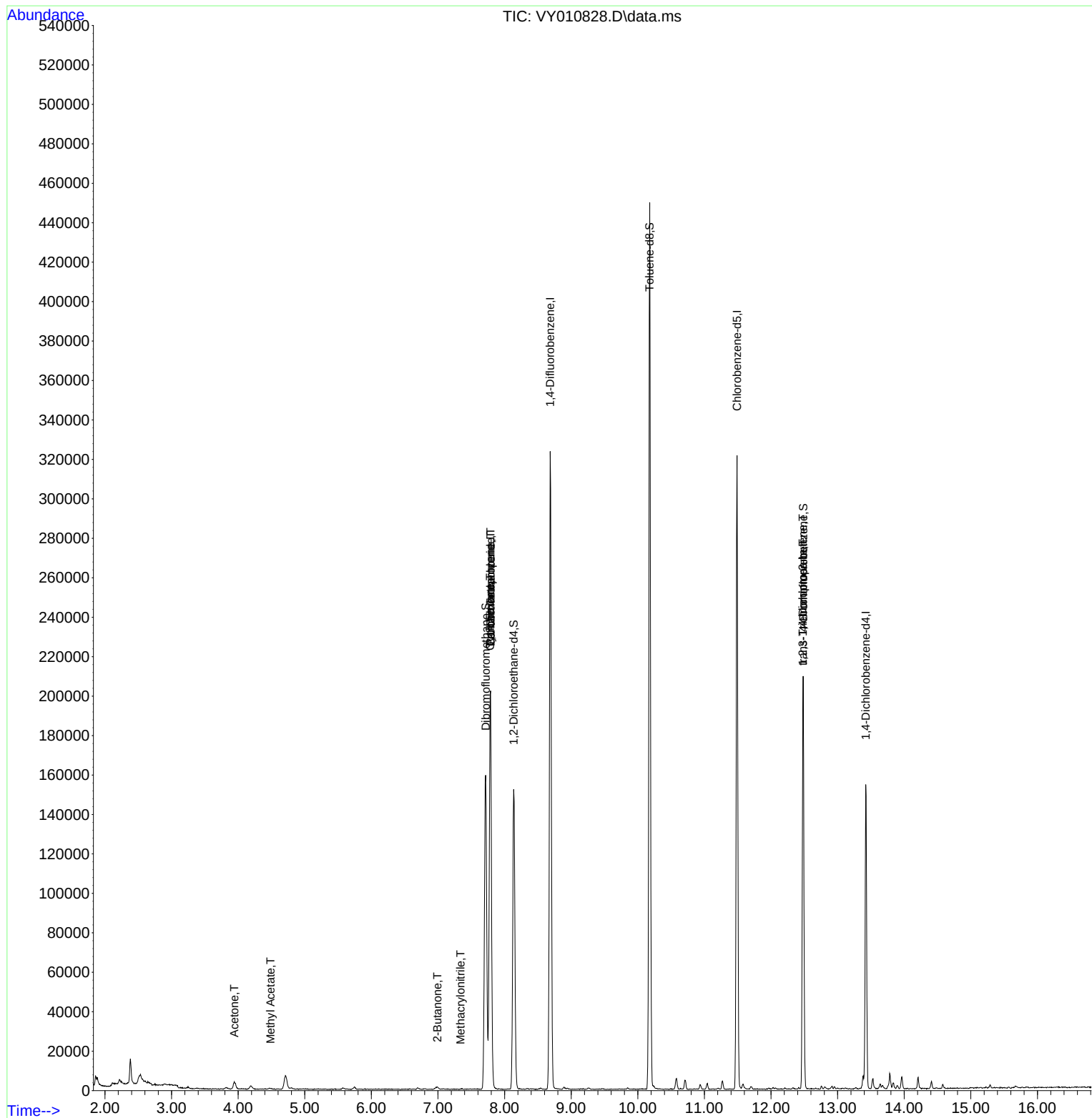
Internal Standards						
1) Pentafluorobenzene	7.789	168	158262	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	271903	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	174051	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	39014	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	117986	73.549	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 147.100%			
35) Dibromofluoromethane	7.716	113	113803	63.052	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 126.100%			
50) Toluene-d8	10.179	98	284096	46.025	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 92.060%			
62) 4-Bromofluorobenzene	12.483	95	58616	22.266	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 44.540%			
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.966	59	64	Below Cal	#	77
13) Acrolein	3.741	56	30	Below Cal	#	14
16) Acetone	3.942	43	6577	16.143	ug/l	95
18) Methyl Acetate	4.485	43	1152	1.107	ug/l #	79
20) Methylene Chloride	4.710	84	5437	Below Cal		92
25) 2-Butanone	6.990	43	1787	3.051	ug/l #	88
31) Cyclohexane	7.783	56	3502	1.220	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	12648	4.854	ug/l #	51
38) Carbon Tetrachloride	7.789	117	15506	5.714	ug/l #	16
41) Methacrylonitrile	7.338	41	88	2.693	ug/l #	1
76) 1,2,3-Trichloropropane	12.477	75	31236	79.060	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	31236	165.150	ug/l #	7

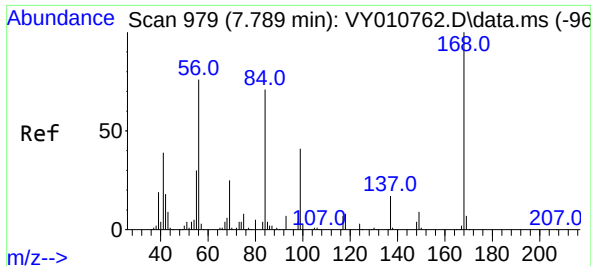
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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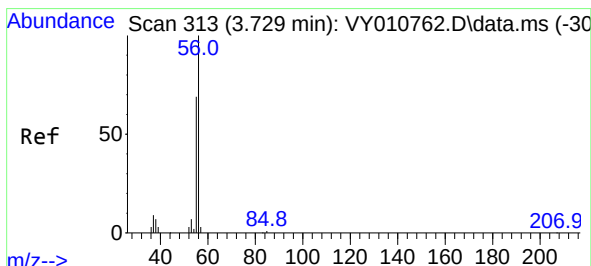
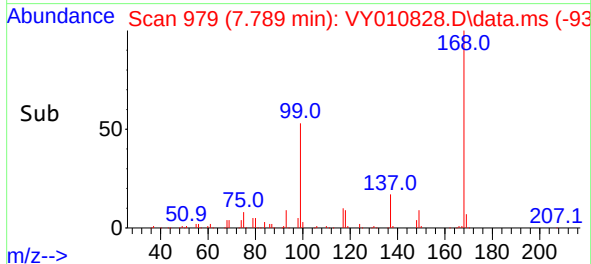
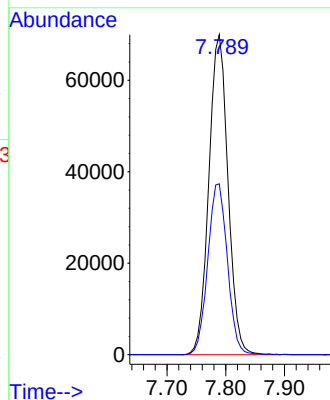
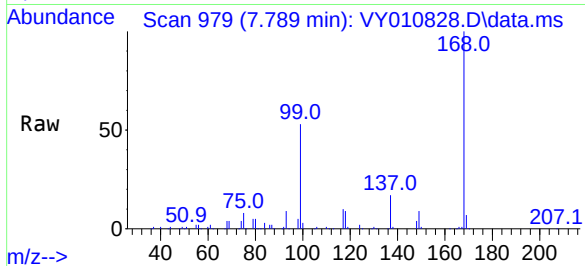




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010828.D
Acq: 05 Oct 2022 18:17

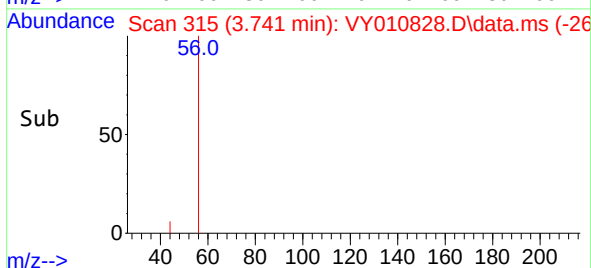
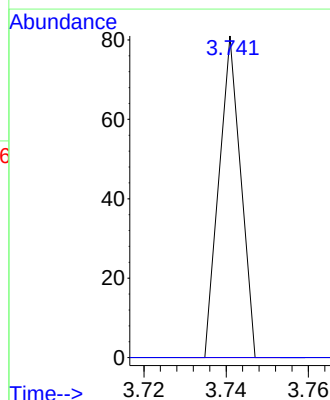
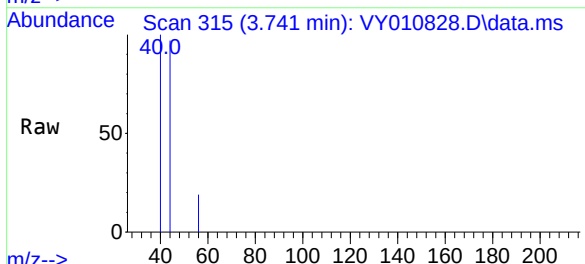
Instrument :
MSVOA_Y
ClientSampleId :
D22009-18

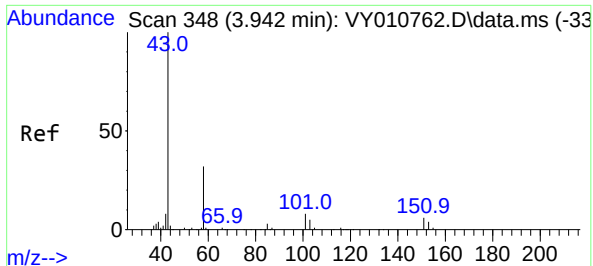
Tgt Ion:168 Resp: 158262
Ion Ratio Lower Upper
168 100
99 53.4 46.9 70.3



#13
Acrolein
Concen: Below Cal
RT: 3.741 min Scan# 315
Delta R.T. 0.012 min
Lab File: VY010828.D
Acq: 05 Oct 2022 18:17

Tgt Ion: 56 Resp: 30
Ion Ratio Lower Upper
56 100
55 0.0 57.6 86.4#

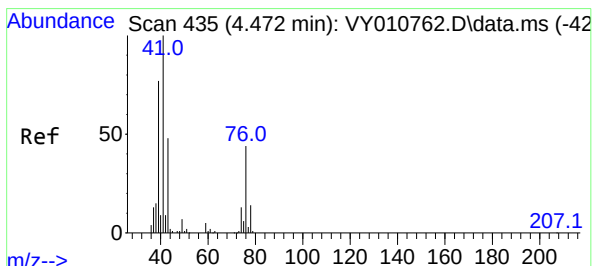
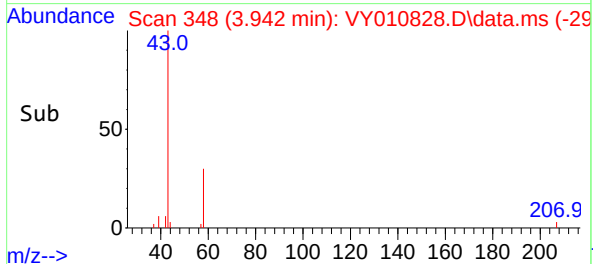
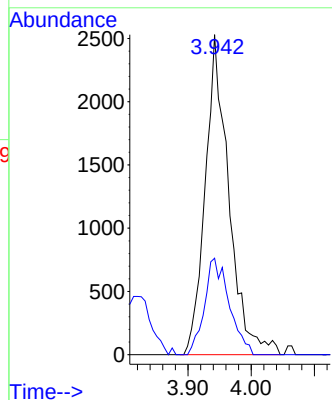
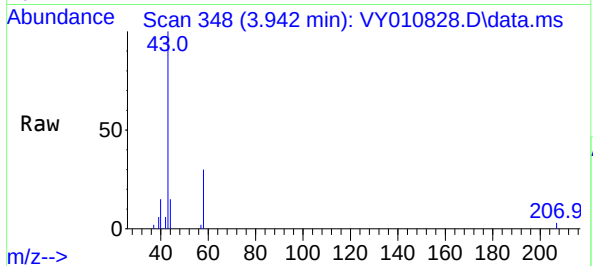




#16
Acetone
Concen: 16.143 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY010828.D
Acq: 05 Oct 2022 18:17

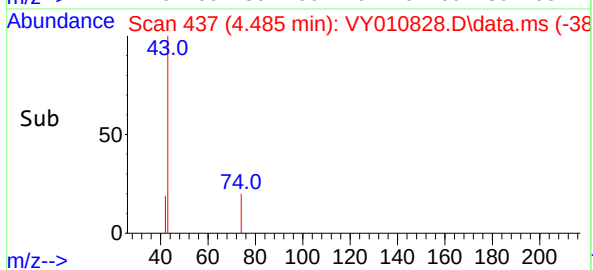
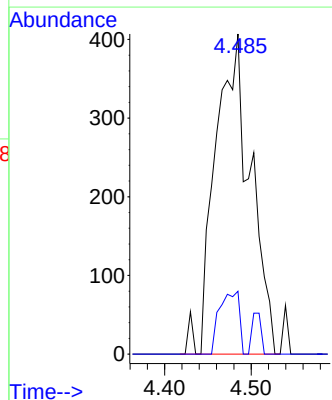
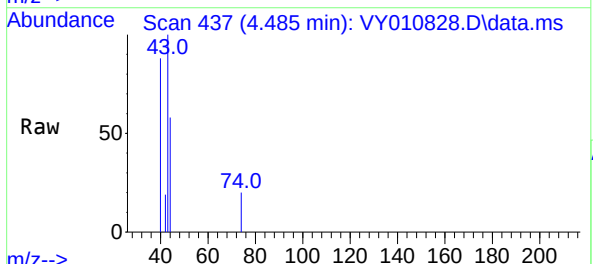
Instrument :
MSVOA_Y
ClientSampleId :
D22009-18

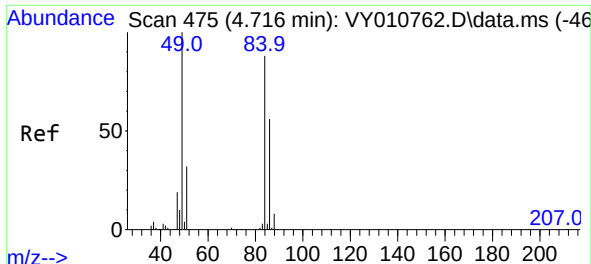
Tgt Ion: 43 Resp: 6577
Ion Ratio Lower Upper
43 100
58 30.2 22.0 33.0



#18
Methyl Acetate
Concen: 1.107 ug/l
RT: 4.485 min Scan# 437
Delta R.T. 0.013 min
Lab File: VY010828.D
Acq: 05 Oct 2022 18:17

Tgt Ion: 43 Resp: 1152
Ion Ratio Lower Upper
43 100
74 10.9 16.6 24.8#



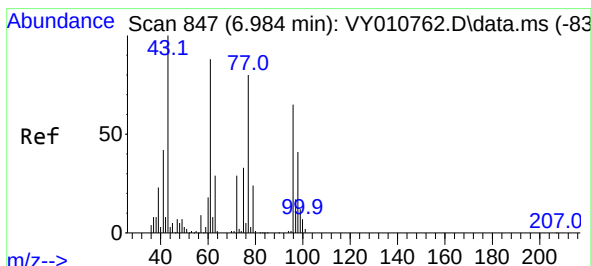
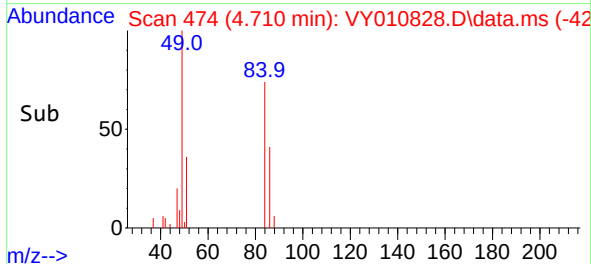
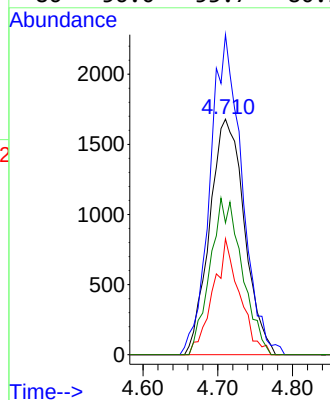
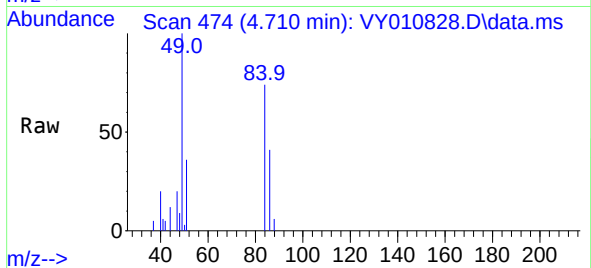


#20
Methylene Chloride
Concen: Below Cal
RT: 4.710 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY010828.D
Acq: 05 Oct 2022 18:17

Instrument :
MSVOA_Y
ClientSampleId :
D22009-18

Tgt Ion: 84 Resp: 5437

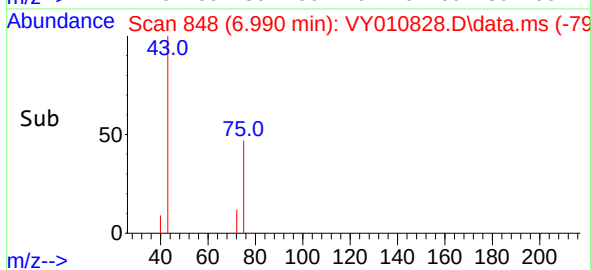
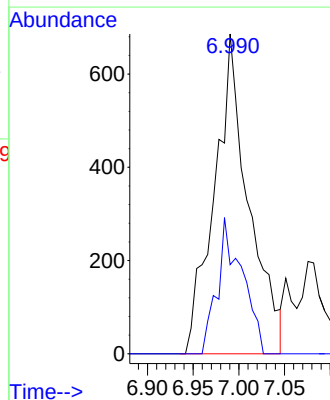
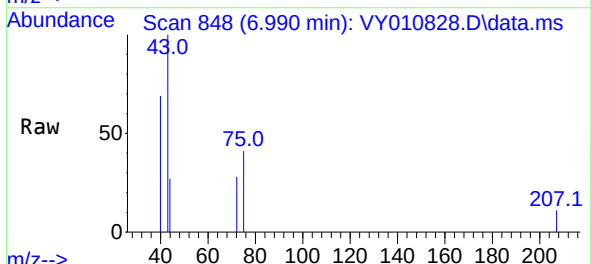
Ion	Ratio	Lower	Upper
84	100		
49	135.8	114.4	171.6
51	49.2	35.3	52.9
86	56.0	53.7	80.5

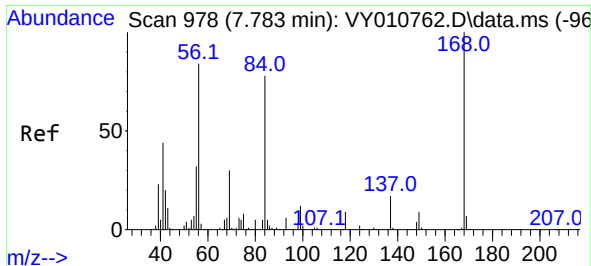


#25
2-Butanone
Concen: 3.051 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY010828.D
Acq: 05 Oct 2022 18:17

Tgt Ion: 43 Resp: 1787

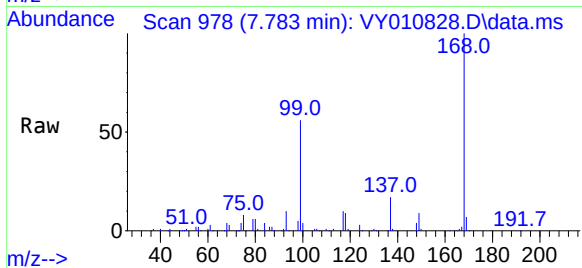
Ion	Ratio	Lower	Upper
43	100		
72	27.8	17.7	26.5



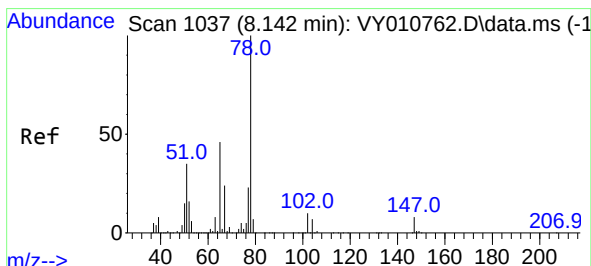
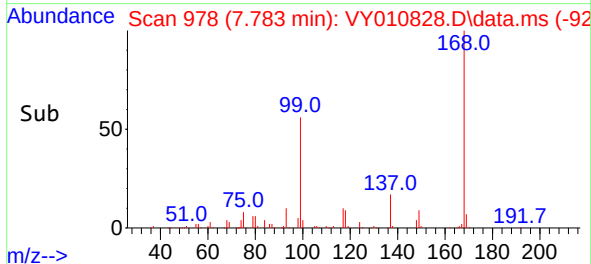
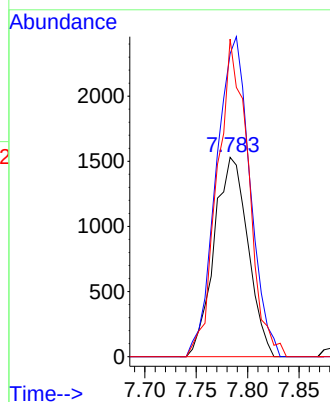


#31
Cyclohexane
Concen: 1.220 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010828.D
Acq: 05 Oct 2022 18:17

Instrument :
MSVOA_Y
ClientSampleId :
D22009-18

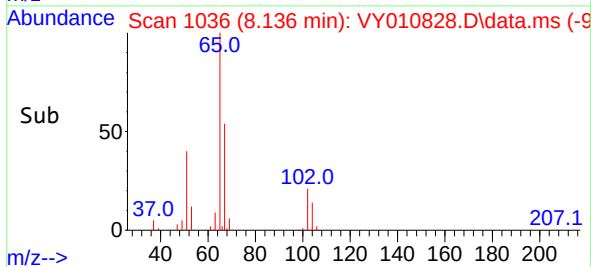
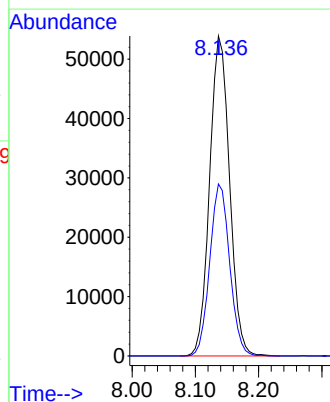
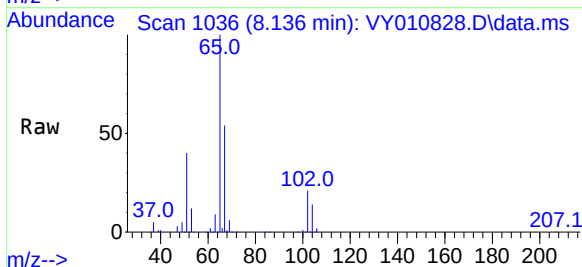


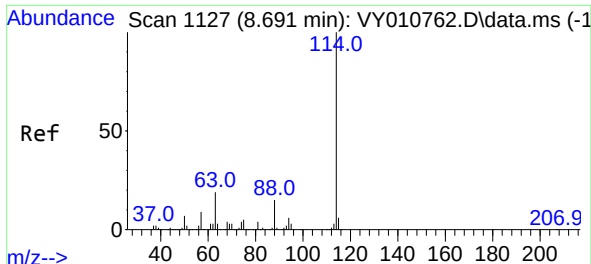
Tgt Ion: 56 Resp: 3502
Ion Ratio Lower Upper
56 100
69 151.9 26.7 40.1#
84 159.2 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 73.549 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY010828.D
Acq: 05 Oct 2022 18:17

Tgt Ion: 65 Resp: 117986
Ion Ratio Lower Upper
65 100
67 53.6 0.0 99.4



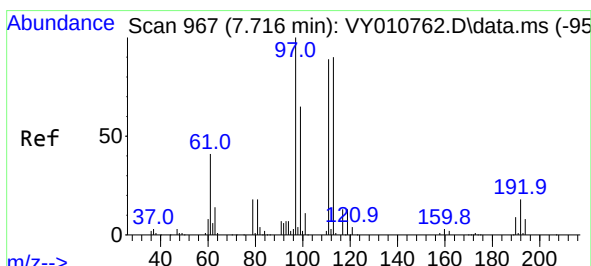
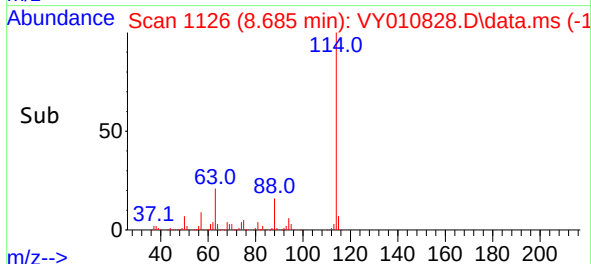
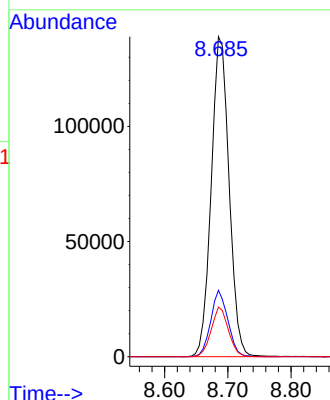
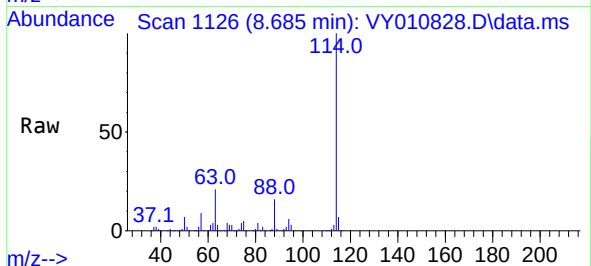


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VY010828.D
Acq: 05 Oct 2022 18:17

Instrument :
MSVOA_Y
ClientSampleId :
D22009-18

Tgt Ion:114 Resp: 271903

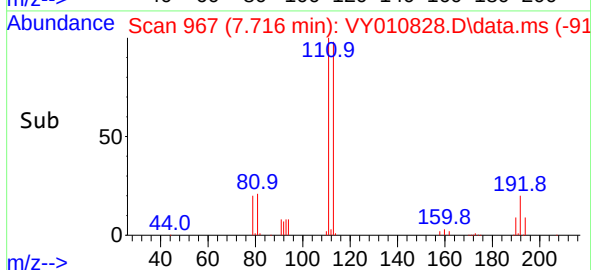
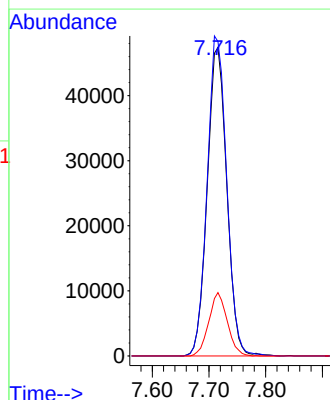
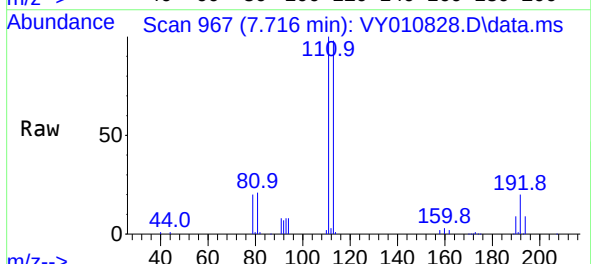
Ion	Ratio	Lower	Upper
114	100		
63	20.8	0.0	43.2
88	15.5	0.0	31.8

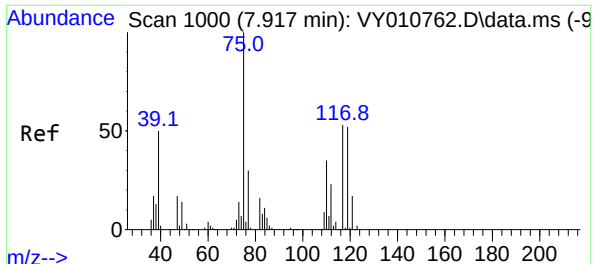


#35
Dibromofluoromethane
Concen: 63.052 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY010828.D
Acq: 05 Oct 2022 18:17

Tgt Ion:113 Resp: 113803

Ion	Ratio	Lower	Upper
113	100		
111	103.5	82.6	124.0
192	19.4	17.6	26.4





#36

1,1-Dichloropropene

Concen: 4.854 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY010828.D

Acq: 05 Oct 2022 18:17

Instrument :

MSVOA_Y

ClientSampleId :

D22009-18

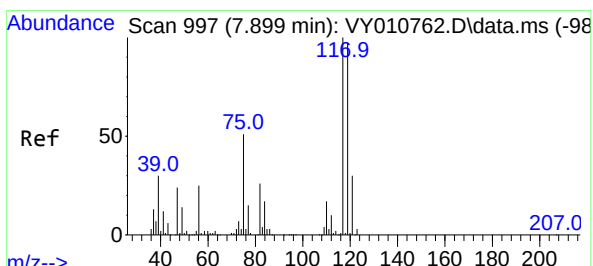
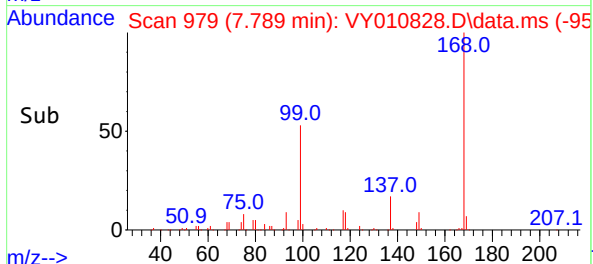
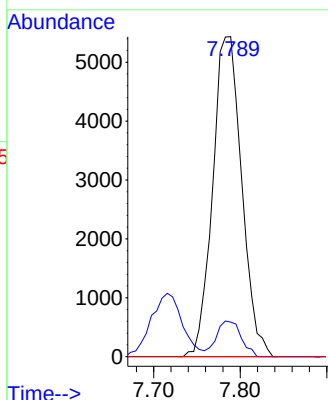
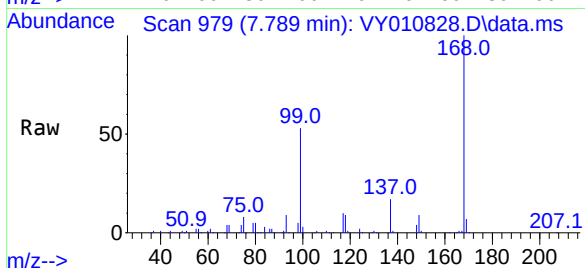
Tgt Ion: 75 Resp: 12648

Ion Ratio Lower Upper

75 100

110 9.5 17.1 51.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.714 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY010828.D

Acq: 05 Oct 2022 18:17

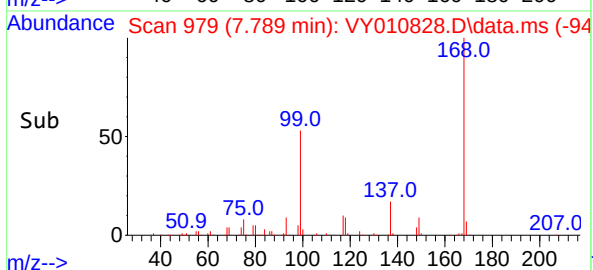
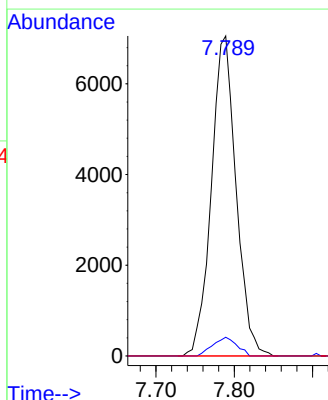
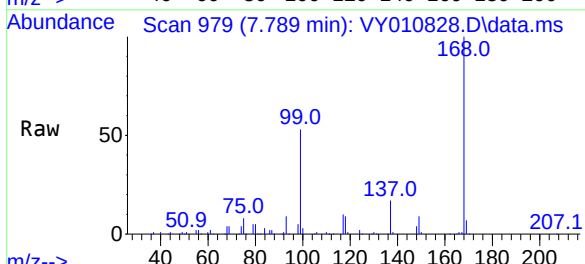
Tgt Ion: 117 Resp: 15506

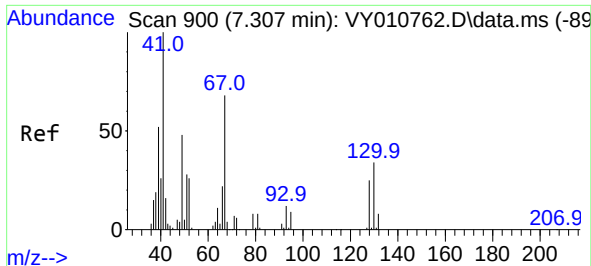
Ion Ratio Lower Upper

117 100

119 5.9 77.9 116.9#

121 0.0 24.8 37.2#

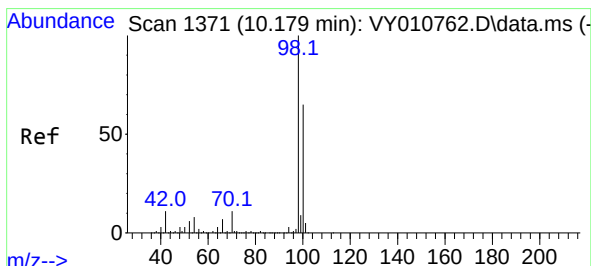
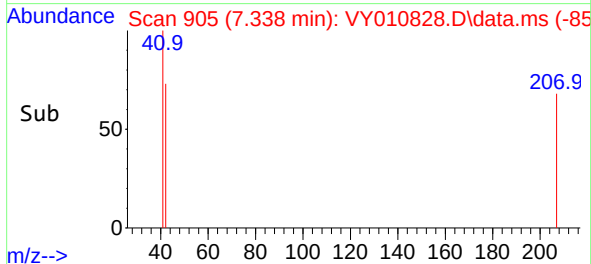
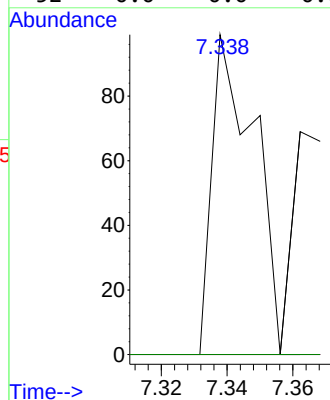
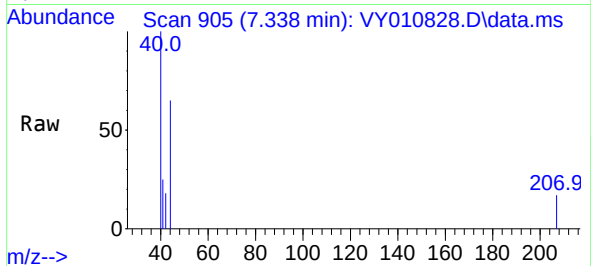




#41
Methacrylonitrile
Concen: 2.693 ug/l
RT: 7.338 min Scan# 905
Delta R.T. 0.031 min
Lab File: VY010828.D
Acq: 05 Oct 2022 18:17

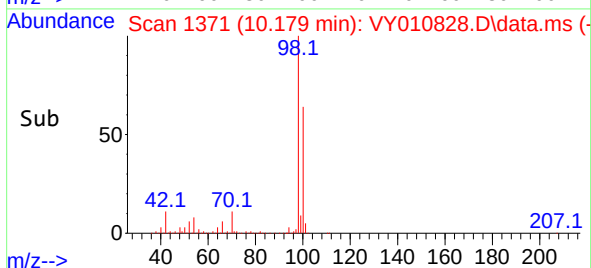
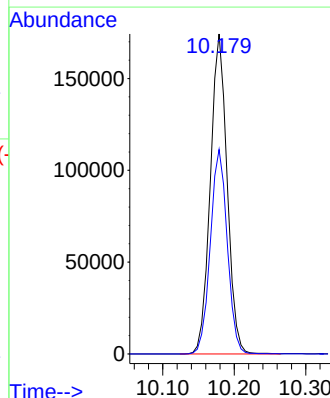
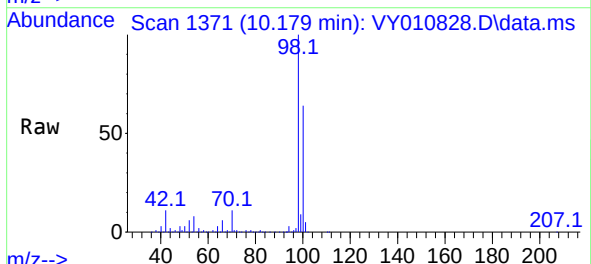
Instrument :
MSVOA_Y
ClientSampleId :
D22009-18

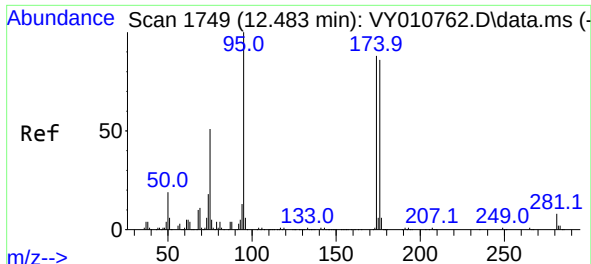
Tgt Ion: 41	Resp: 88
Ion Ratio	Lower Upper
41 100	
39 0.0	92.9 139.3#
67 0.0	0.0 0.0
52 0.0	0.0 0.0



#50
Toluene-d8
Concen: 46.025 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010828.D
Acq: 05 Oct 2022 18:17

Tgt Ion: 98	Resp: 284096
Ion Ratio	Lower Upper
98 100	
100 64.4	50.2 75.2

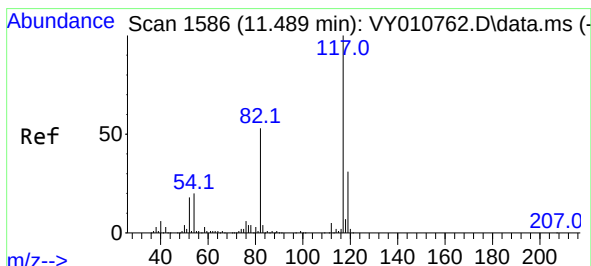
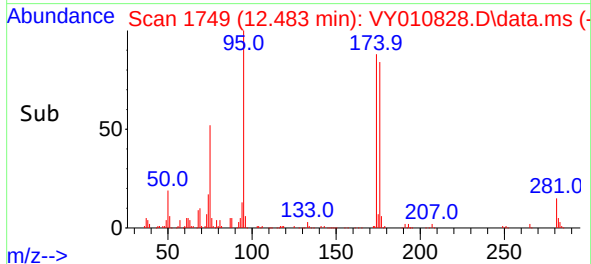
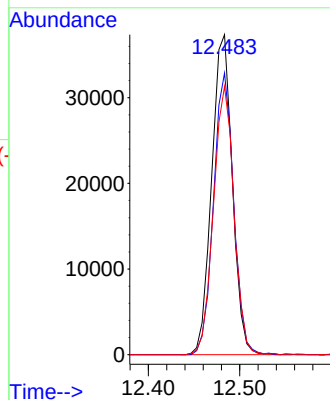
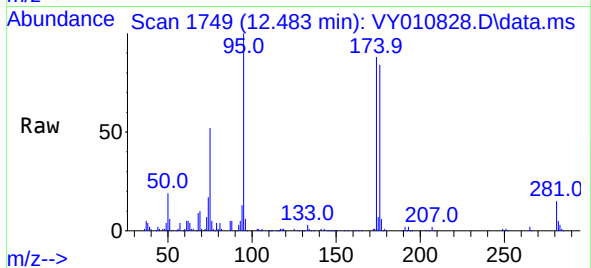




#62
4-Bromofluorobenzene
Concen: 22.266 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY010828.D
Acq: 05 Oct 2022 18:17

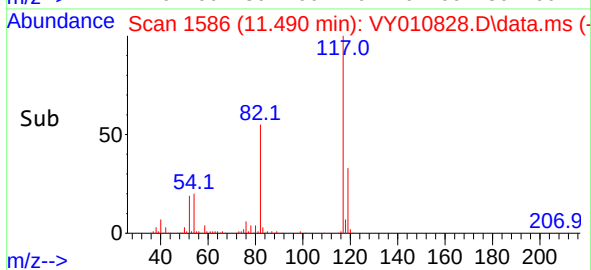
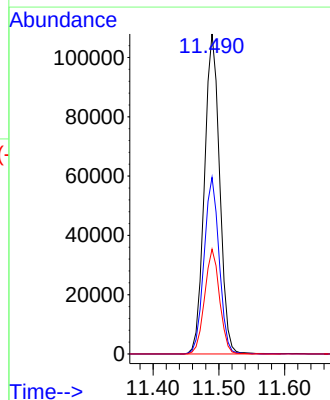
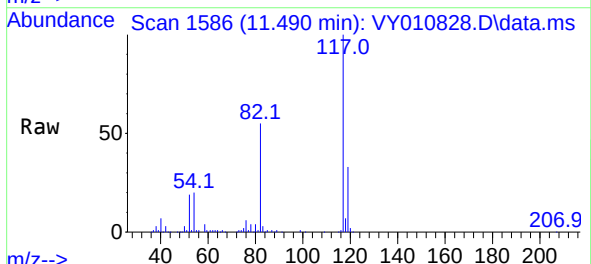
Instrument :
MSVOA_Y
ClientSampleId :
D22009-18

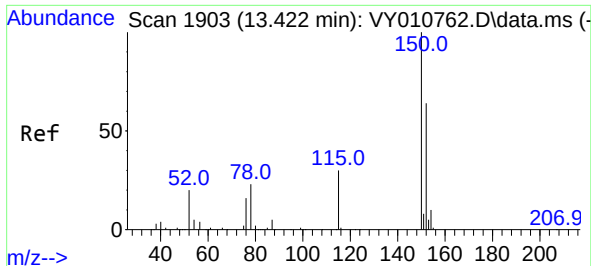
Tgt Ion: 95 Resp: 58616
Ion Ratio Lower Upper
95 100
174 85.8 0.0 177.0
176 83.2 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY010828.D
Acq: 05 Oct 2022 18:17

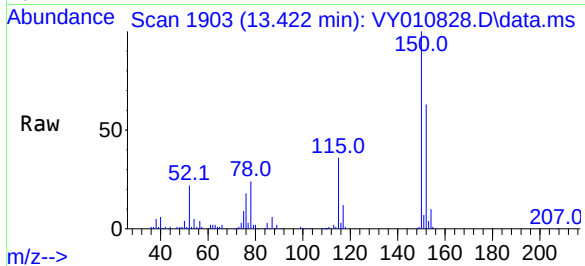
Tgt Ion: 117 Resp: 174051
Ion Ratio Lower Upper
117 100
82 55.2 43.0 64.4
119 32.7 25.4 38.0



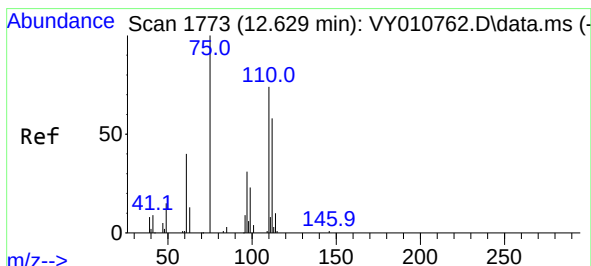
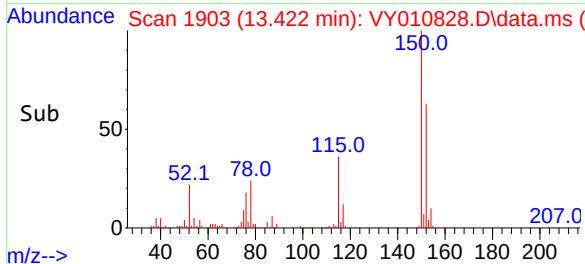
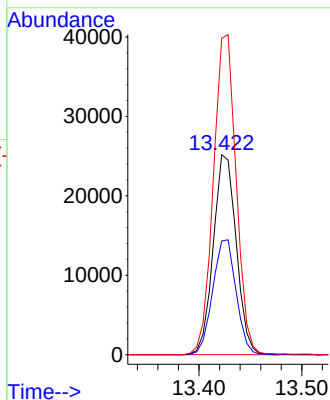


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY010828.D
Acq: 05 Oct 2022 18:17

Instrument :
MSVOA_Y
ClientSampleId :
D22009-18

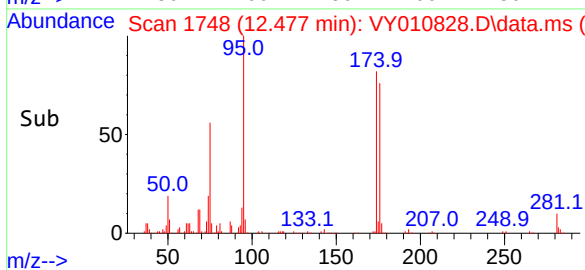
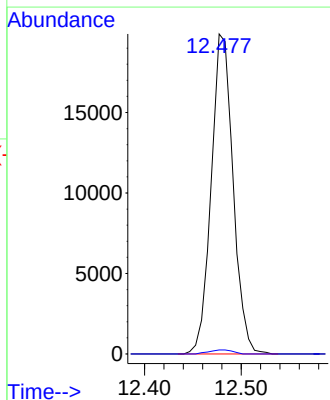
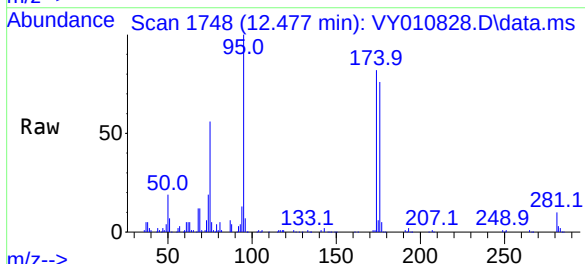


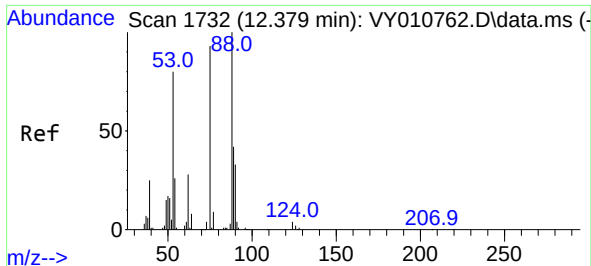
Tgt Ion:152 Resp: 39014
Ion Ratio Lower Upper
152 100
115 58.7 28.2 84.7
150 159.2 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 79.060 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY010828.D
Acq: 05 Oct 2022 18:17

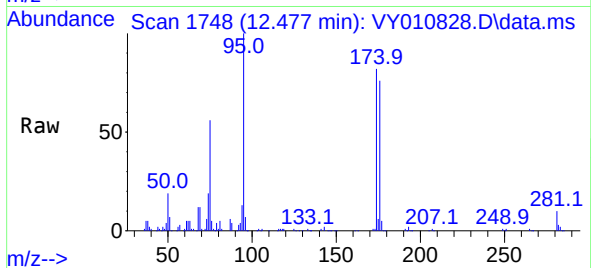
Tgt Ion: 75 Resp: 31236
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 165.150 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY010828.D
 Acq: 05 Oct 2022 18:17

Instrument :
 MSVOA_Y
 ClientSampleId :
 D22009-18



Tgt Ion: 75 Resp: 31236
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.2 37.0 55.4#

