

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100522\
 Data File : VY010827.D
 Acq On : 05 Oct 2022 17:54
 Operator : KP/MD
 Sample : N5004-07
 Misc : 6.96g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 D22009-8.5

Quant Time: Oct 06 09:23:00 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)

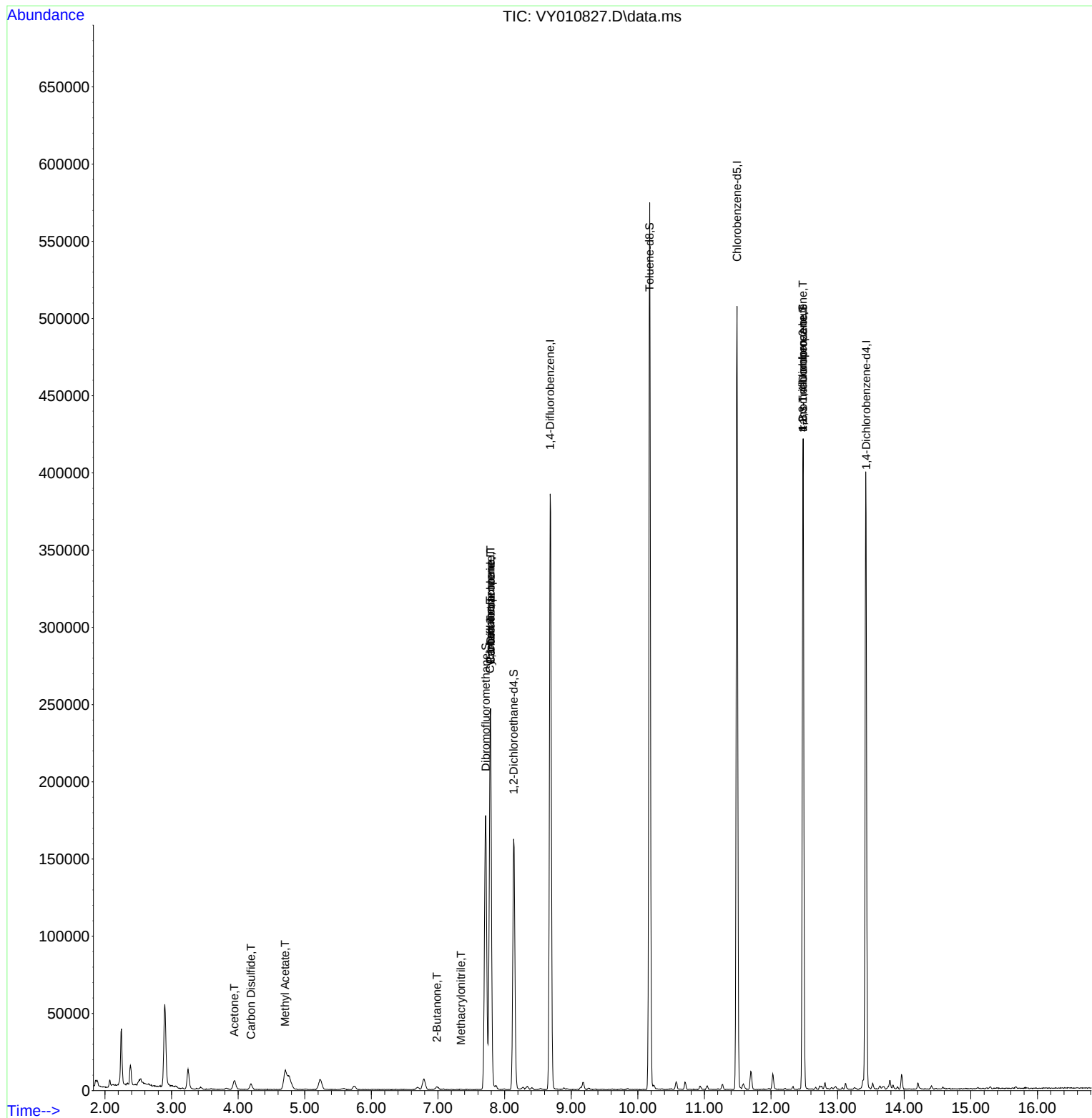
Internal Standards						
1) Pentafluorobenzene	7.789	168	187526	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	331650	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	273484	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	103575	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	124693	65.600	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 131.200%			
35) Dibromofluoromethane	7.716	113	126598	57.505	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 115.000%			
50) Toluene-d8	10.179	98	367178	48.769	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 97.540%			
62) 4-Bromofluorobenzene	12.477	95	121370	40.568	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 81.140%			
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.942	59	70	Below Cal	#	77
13) Acrolein	3.930	56	224	Below Cal	#	61
16) Acetone	3.942	43	8887	18.409	ug/l	95
17) Carbon Disulfide	4.192	76	6360	1.110	ug/l	98
18) Methyl Acetate	4.704	43	3516	2.851	ug/l #	56
20) Methylene Chloride	4.710	84	6747	Below Cal		85
25) 2-Butanone	6.984	43	2751	3.964	ug/l	97
31) Cyclohexane	7.783	56	5248	1.542	ug/l #	26
36) 1,1-Dichloropropene	7.789	75	14806	4.659	ug/l #	51
38) Carbon Tetrachloride	7.789	117	18808	5.682	ug/l #	16
41) Methacrylonitrile	7.344	41	95	2.680	ug/l #	12
76) 1,2,3-Trichloropropane	12.477	75	62775	59.849	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	62775	125.019	ug/l #	7

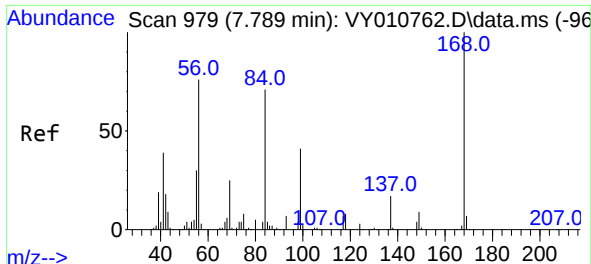
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100522\
Data File : VY010827.D
Acq On : 05 Oct 2022 17:54
Operator : KP/MD
Sample : N5004-07
Misc : 6.96g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
D22009-8.5

Quant Time: Oct 06 09:23:00 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

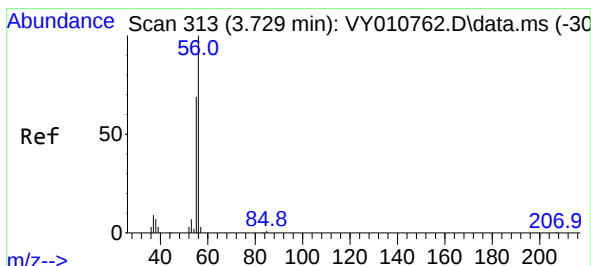
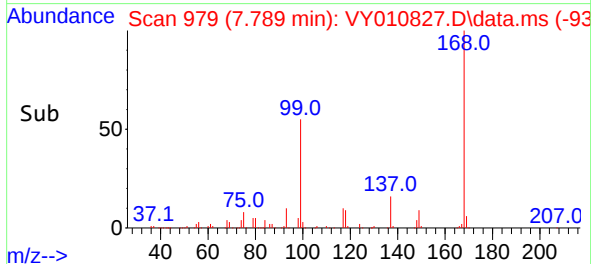
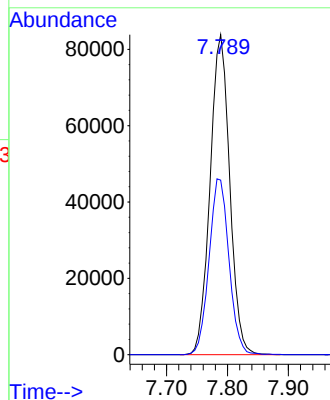
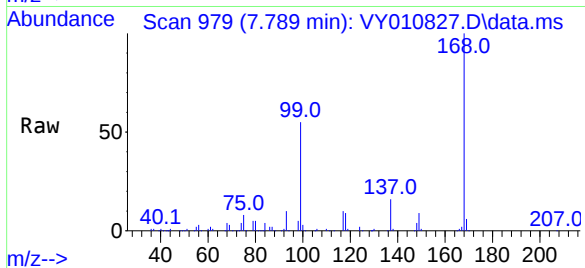




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010827.D
Acq: 05 Oct 2022 17:54

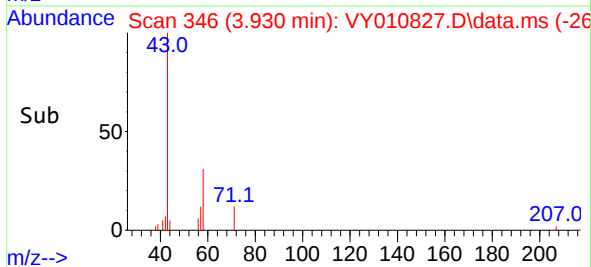
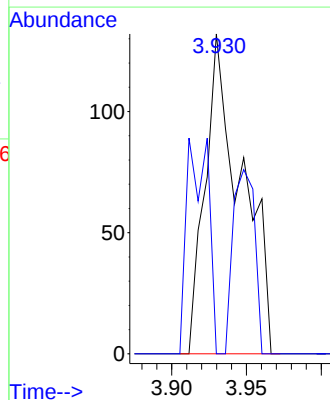
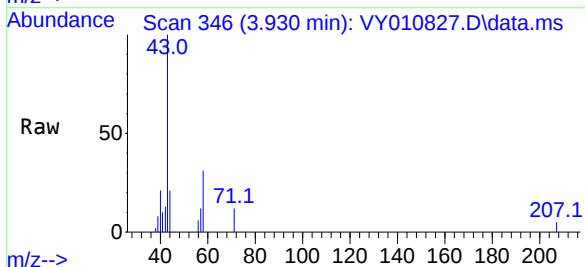
Instrument :
MSVOA_Y
ClientSampleId :
D22009-8.5

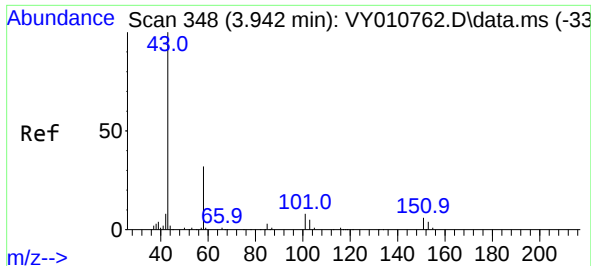
Tgt Ion:168 Resp: 187526
Ion Ratio Lower Upper
168 100
99 54.6 46.9 70.3



#13
Acrolein
Concen: Below Cal
RT: 3.930 min Scan# 346
Delta R.T. 0.201 min
Lab File: VY010827.D
Acq: 05 Oct 2022 17:54

Tgt Ion: 56 Resp: 224
Ion Ratio Lower Upper
56 100
55 39.3 57.6 86.4#

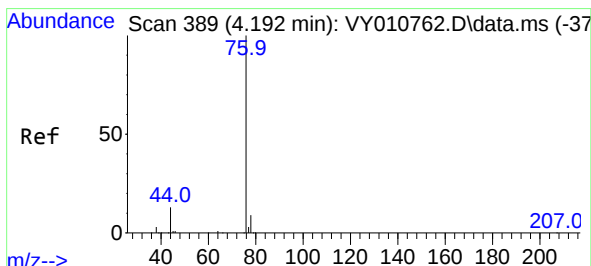
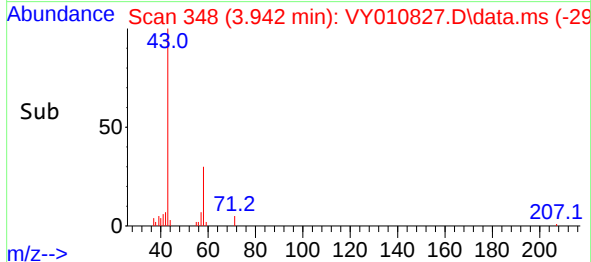
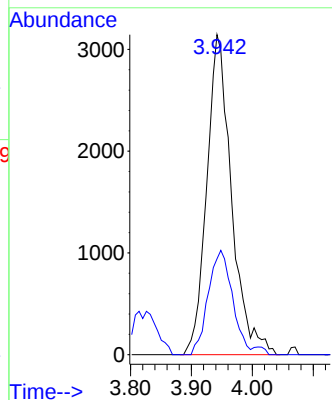
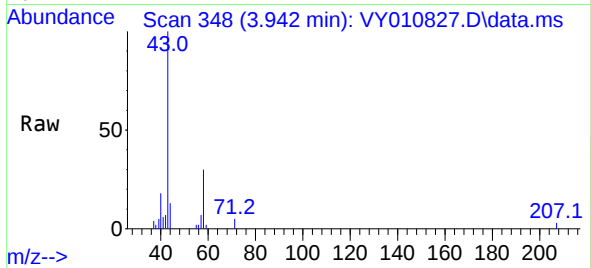




#16
Acetone
Concen: 18.409 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY010827.D
Acq: 05 Oct 2022 17:54

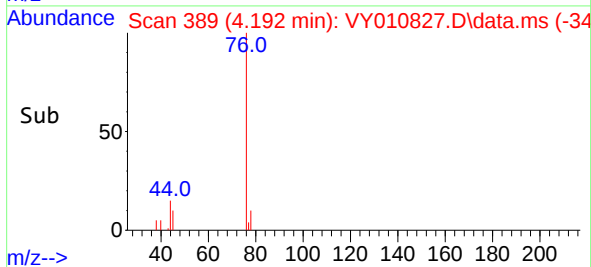
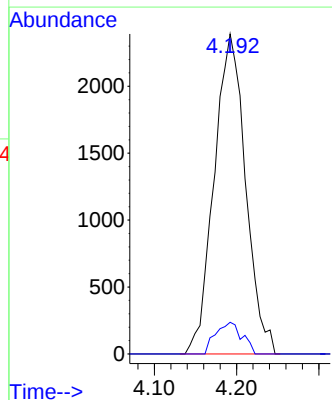
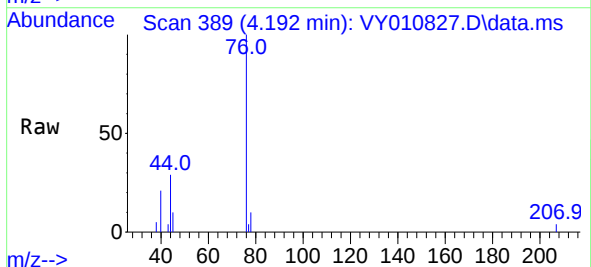
Instrument :
MSVOA_Y
ClientSampleId :
D22009-8.5

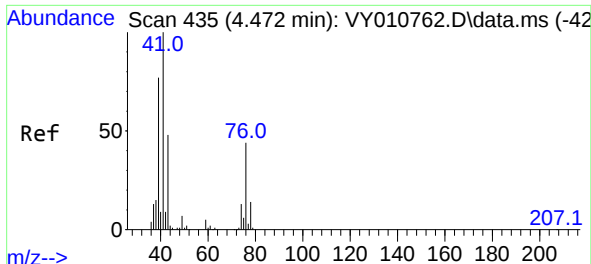
Tgt Ion: 43 Resp: 8887
Ion Ratio Lower Upper
43 100
58 30.0 22.0 33.0



#17
Carbon Disulfide
Concen: 1.110 ug/l
RT: 4.192 min Scan# 389
Delta R.T. -0.000 min
Lab File: VY010827.D
Acq: 05 Oct 2022 17:54

Tgt Ion: 76 Resp: 6360
Ion Ratio Lower Upper
76 100
78 9.9 7.4 11.0

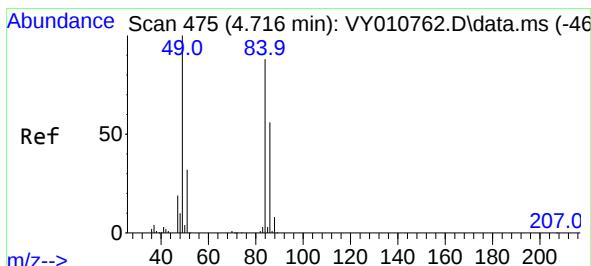
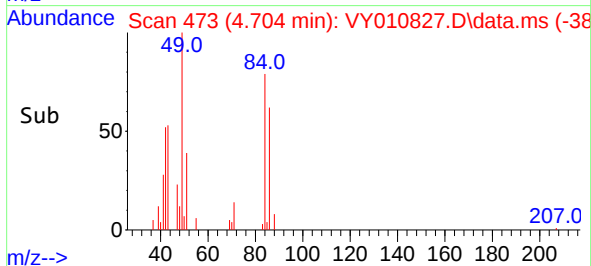
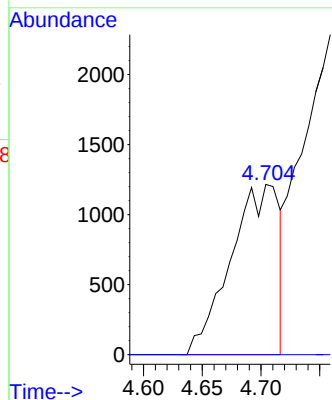
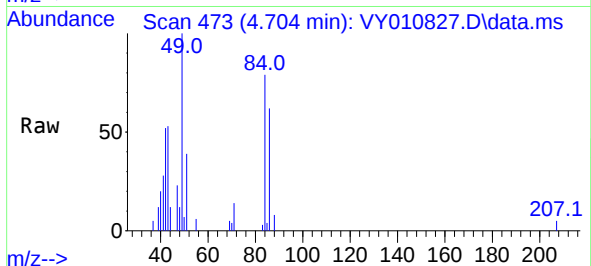




#18
Methyl Acetate
Concen: 2.851 ug/l
RT: 4.704 min Scan# 41
Delta R.T. 0.232 min
Lab File: VY010827.D
Acq: 05 Oct 2022 17:54

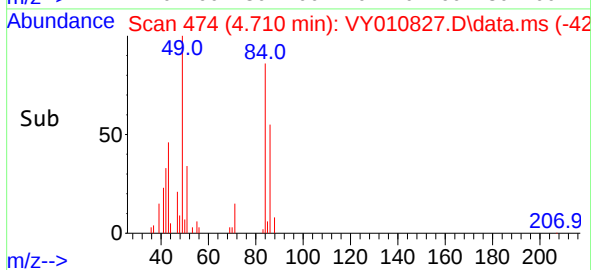
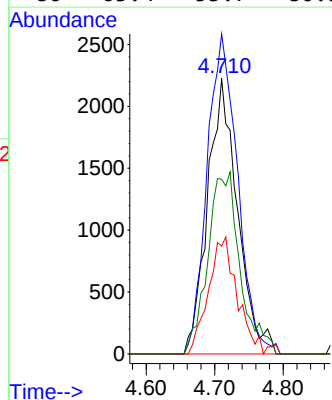
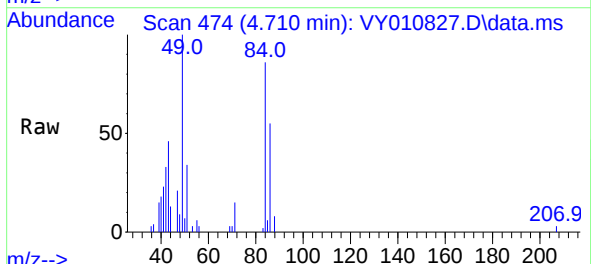
Instrument :
MSVOA_Y
ClientSampleId :
D22009-8.5

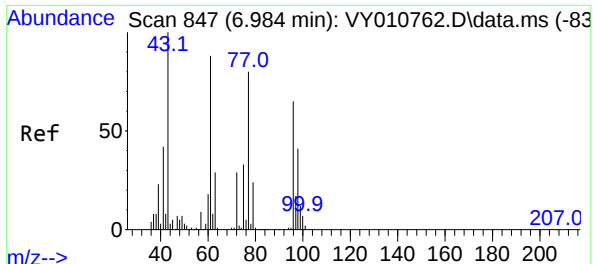
Tgt Ion: 43 Resp: 3516
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY010827.D
Acq: 05 Oct 2022 17:54

Tgt Ion: 84 Resp: 6747
Ion Ratio Lower Upper
84 100
49 116.1 114.4 171.6
51 39.1 35.3 52.9
86 63.4 53.7 80.5





#25

2-Butanone

Concen: 3.964 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY010827.D

Acq: 05 Oct 2022 17:54

Instrument :

MSVOA_Y

ClientSampleId :

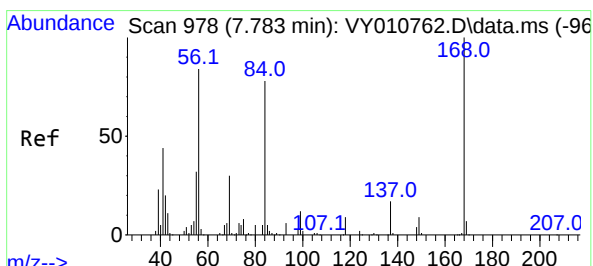
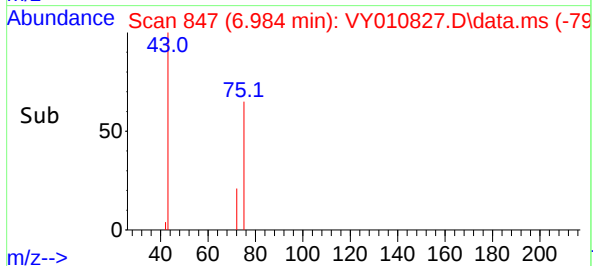
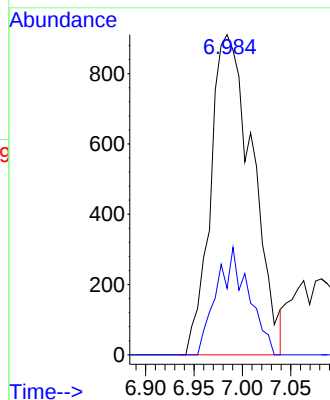
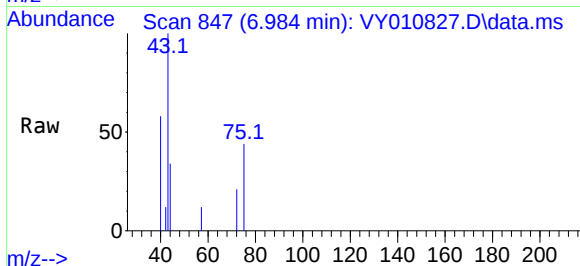
D22009-8.5

Tgt Ion: 43 Resp: 2751

Ion Ratio Lower Upper

43 100

72 20.7 17.7 26.5



#31

Cyclohexane

Concen: 1.542 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.000 min

Lab File: VY010827.D

Acq: 05 Oct 2022 17:54

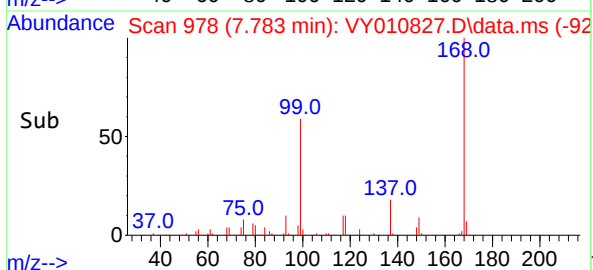
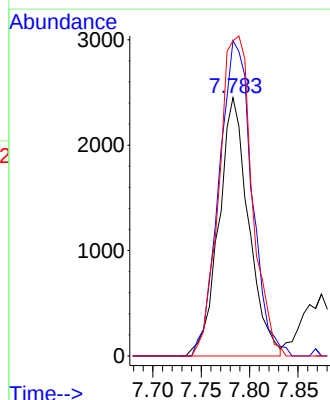
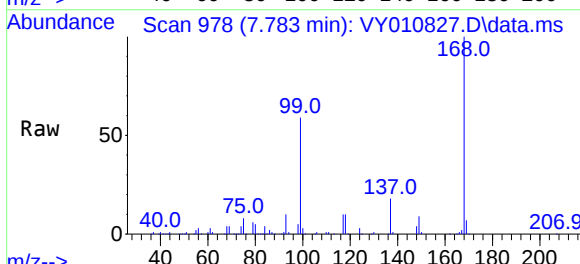
Tgt Ion: 56 Resp: 5248

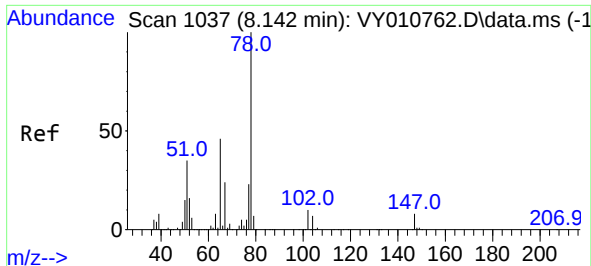
Ion Ratio Lower Upper

56 100

69 122.1 26.7 40.1#

84 122.0 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 65.600 ug/l

RT: 8.136 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY010827.D

Acq: 05 Oct 2022 17:54

Instrument :

MSVOA_Y

ClientSampleId :

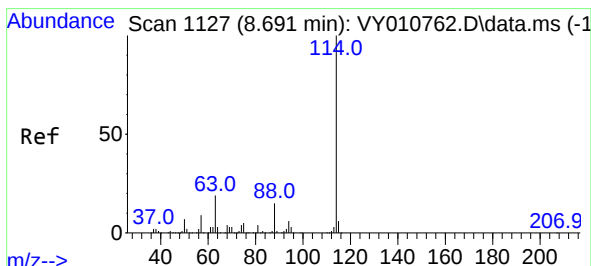
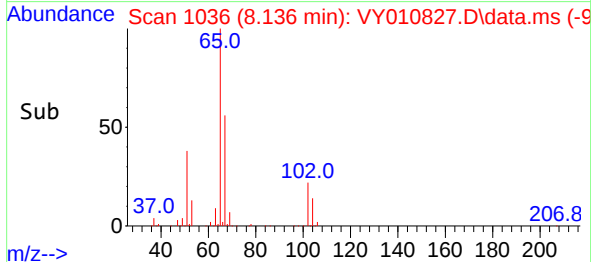
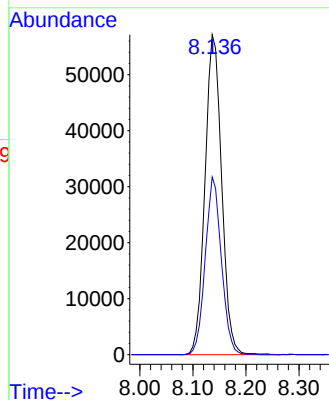
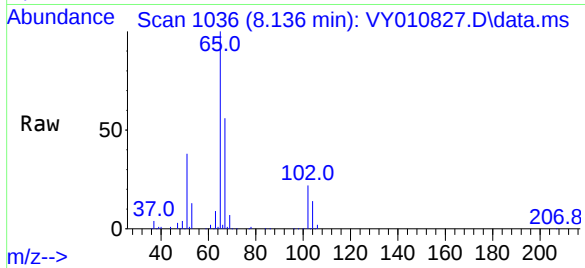
D22009-8.5

Tgt Ion: 65 Resp: 124693

Ion Ratio Lower Upper

65 100

67 53.7 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY010827.D

Acq: 05 Oct 2022 17:54

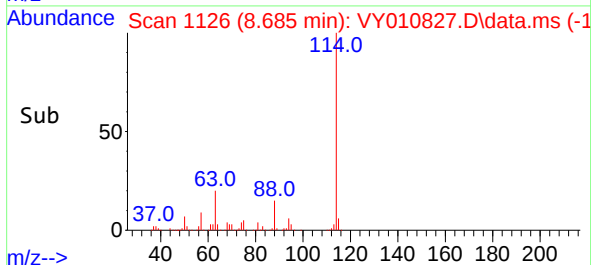
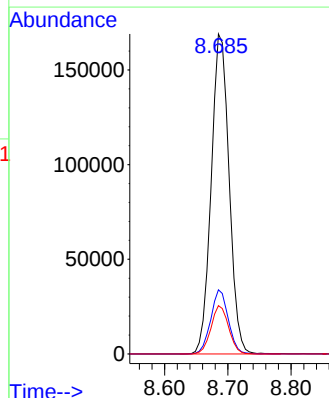
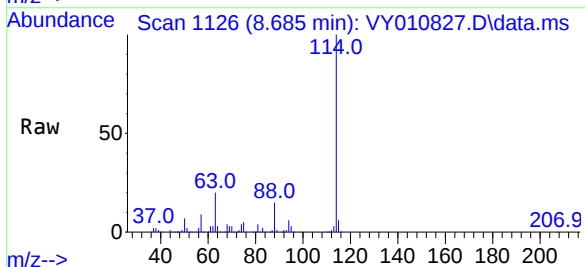
Tgt Ion:114 Resp: 331650

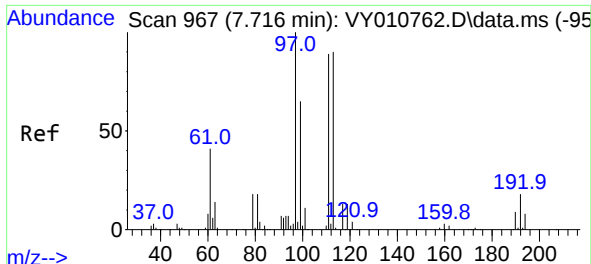
Ion Ratio Lower Upper

114 100

63 20.0 0.0 43.2

88 15.1 0.0 31.8

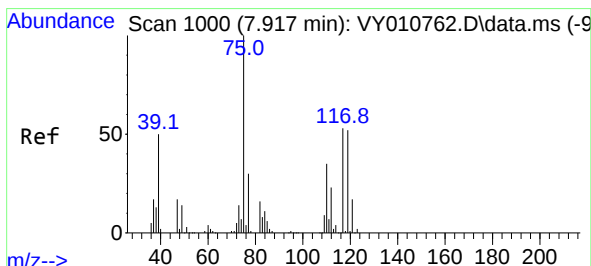
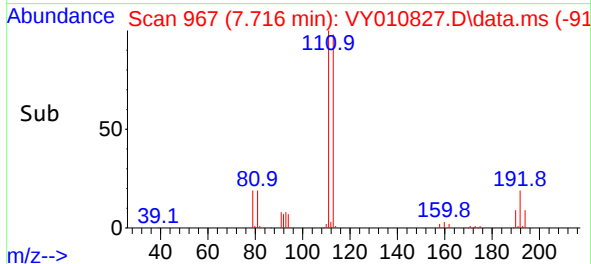
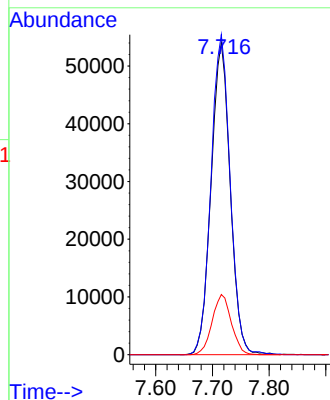
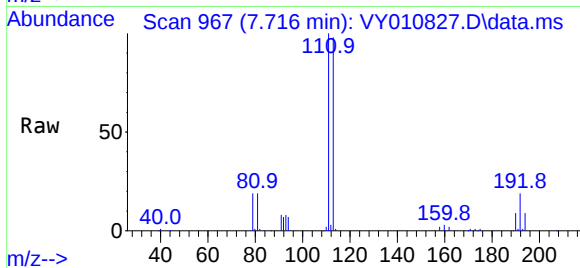




#35
Dibromofluoromethane
Concen: 57.505 ug/l
RT: 7.716 min Scan# 910
Delta R.T. -0.000 min
Lab File: VY010827.D
Acq: 05 Oct 2022 17:54

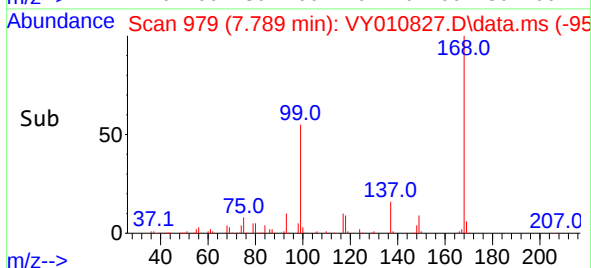
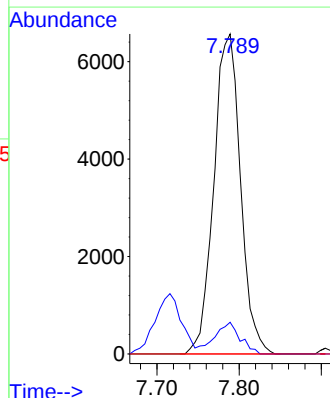
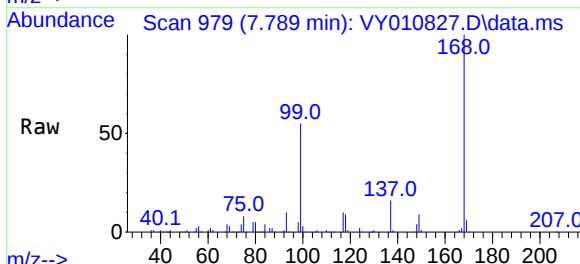
Instrument :
MSVOA_Y
ClientSampleId :
D22009-8.5

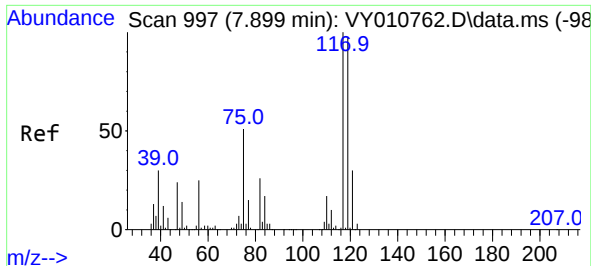
Tgt Ion:113 Resp: 126598
Ion Ratio Lower Upper
113 100
111 102.9 82.6 124.0
192 19.3 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.659 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY010827.D
Acq: 05 Oct 2022 17:54

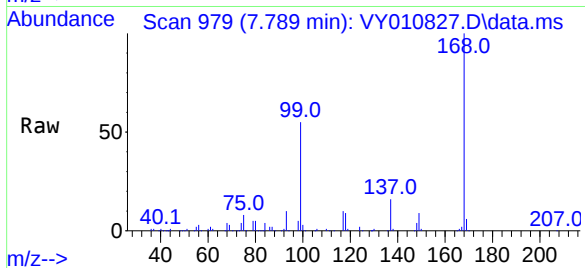
Tgt Ion: 75 Resp: 14806
Ion Ratio Lower Upper
75 100
110 9.2 17.1 51.2#
77 0.0 24.4 36.6#



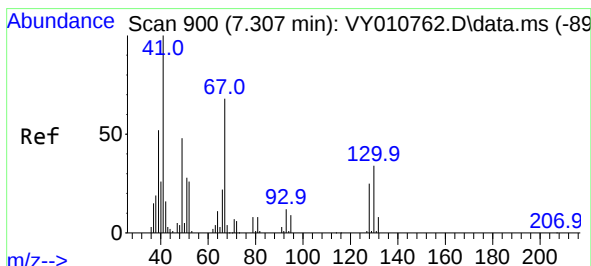
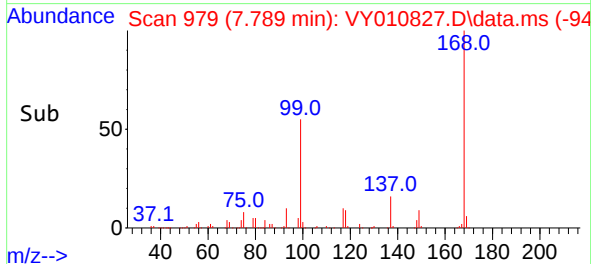
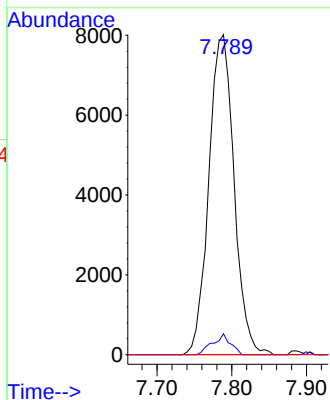


#38
Carbon Tetrachloride
Concen: 5.682 ug/l
RT: 7.789 min Scan# 911
Delta R.T. -0.110 min
Lab File: VY010827.D
Acq: 05 Oct 2022 17:54

Instrument :
MSVOA_Y
ClientSampleId :
D22009-8.5

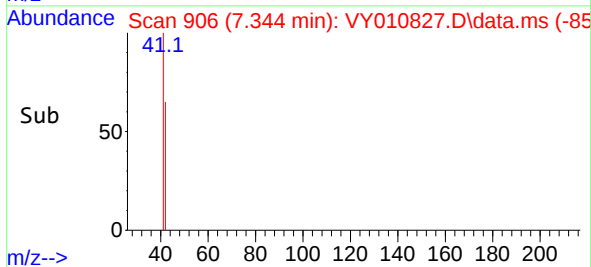
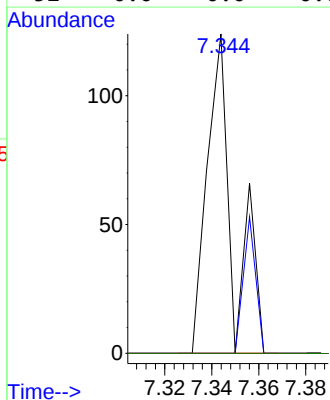
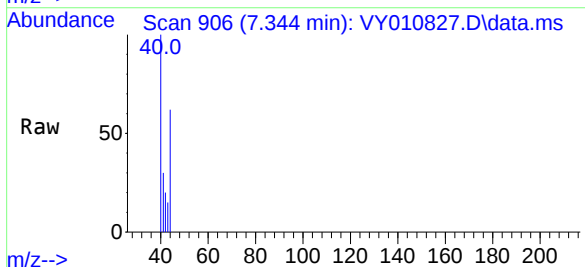


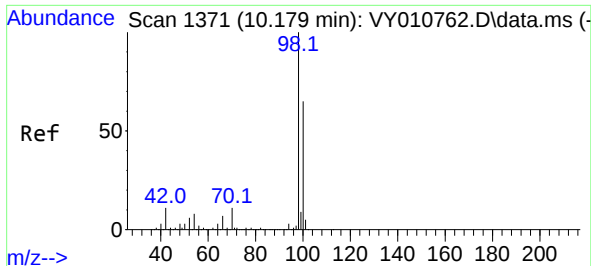
Tgt Ion:117 Resp: 18808
Ion Ratio Lower Upper
117 100
119 6.5 77.9 116.9#
121 0.0 24.8 37.2#



#41
Methacrylonitrile
Concen: 2.680 ug/l
RT: 7.344 min Scan# 906
Delta R.T. 0.037 min
Lab File: VY010827.D
Acq: 05 Oct 2022 17:54

Tgt Ion: 41 Resp: 95
Ion Ratio Lower Upper
41 100
39 20.0 92.9 139.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0

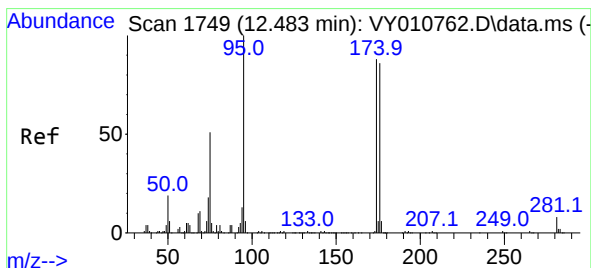
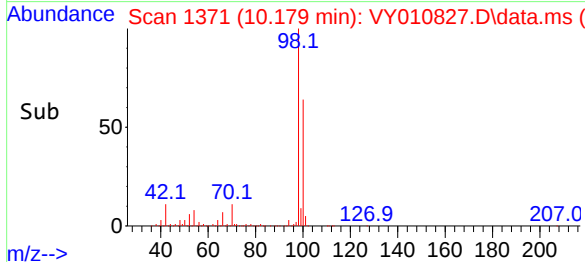
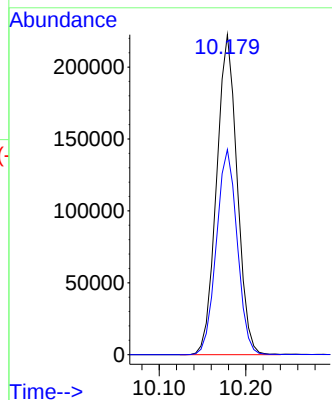
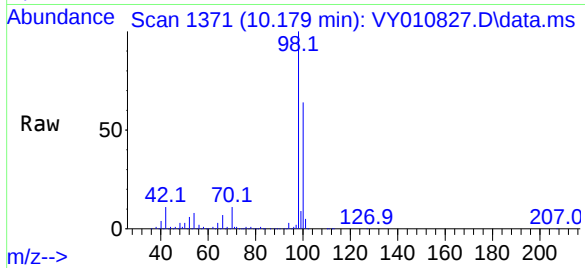




#50
Toluene-d8
Concen: 48.769 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010827.D
Acq: 05 Oct 2022 17:54

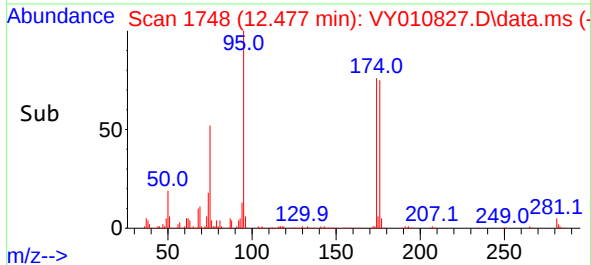
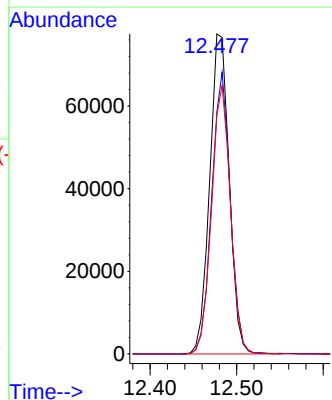
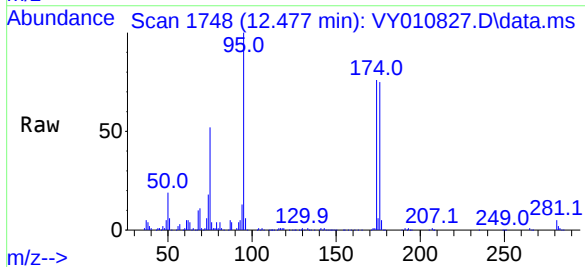
Instrument :
MSVOA_Y
ClientSampleId :
D22009-8.5

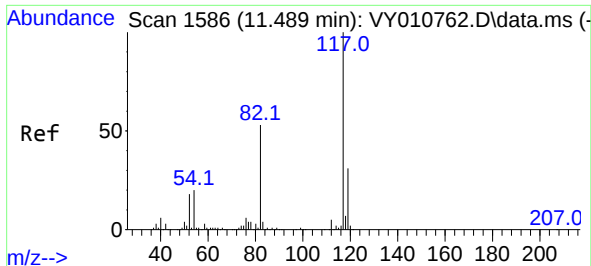
Tgt Ion: 98 Resp: 367178
Ion Ratio Lower Upper
98 100
100 64.8 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 40.568 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY010827.D
Acq: 05 Oct 2022 17:54

Tgt Ion: 95 Resp: 121370
Ion Ratio Lower Upper
95 100
174 83.8 0.0 177.0
176 81.1 0.0 175.8

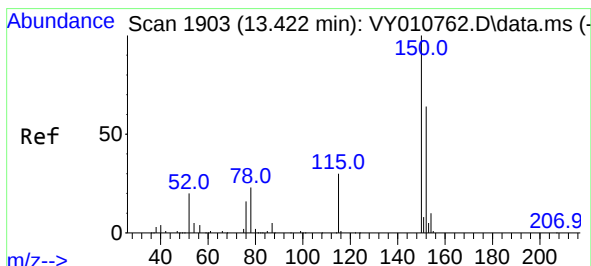
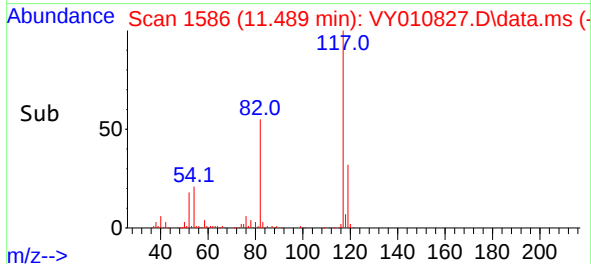
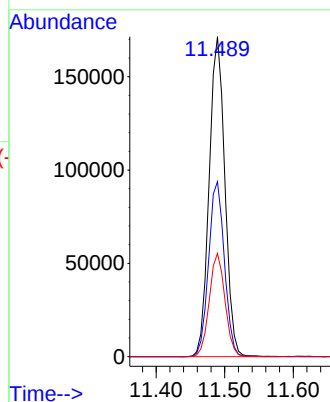
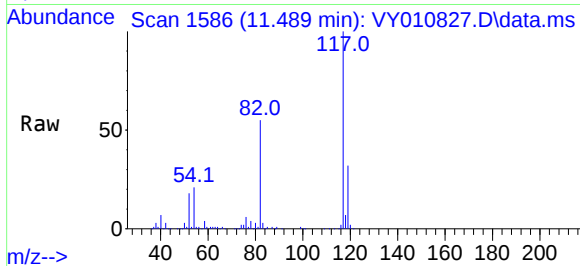




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY010827.D
Acq: 05 Oct 2022 17:54

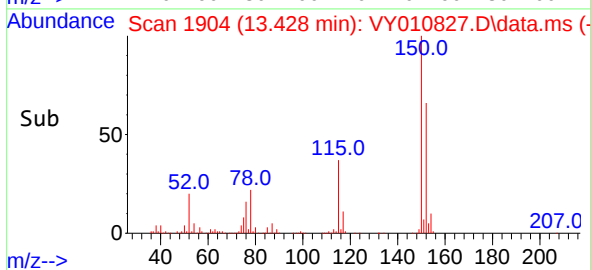
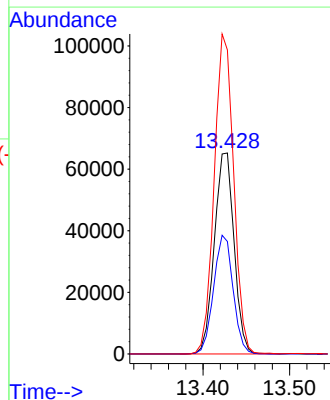
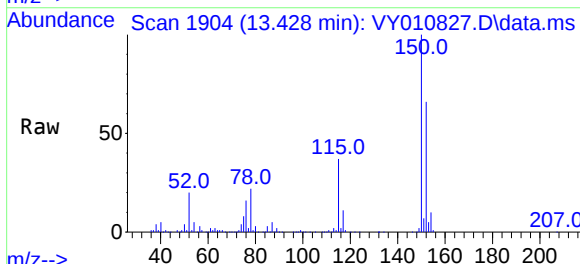
Instrument :
MSVOA_Y
ClientSampleId :
D22009-8.5

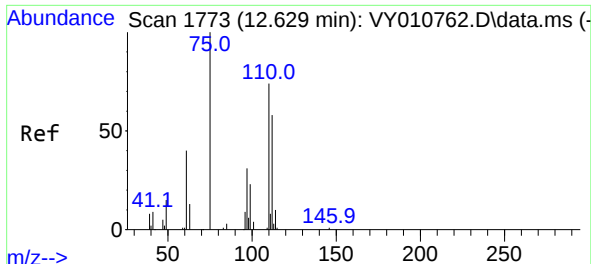
Tgt Ion:	117	Resp:	273484
Ion	Ratio	Lower	Upper
117	100		
82	54.7	43.0	64.4
119	32.3	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY010827.D
Acq: 05 Oct 2022 17:54

Tgt Ion:	152	Resp:	103575
Ion	Ratio	Lower	Upper
152	100		
115	58.1	28.2	84.7
150	156.5	0.0	347.6

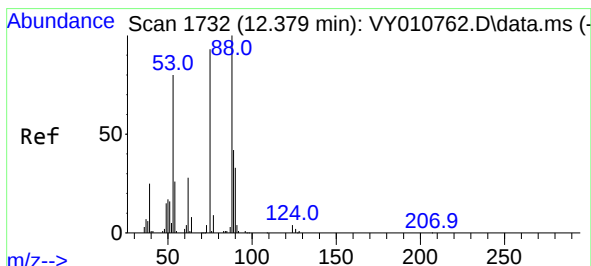
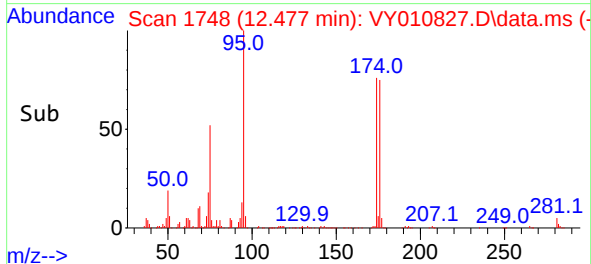
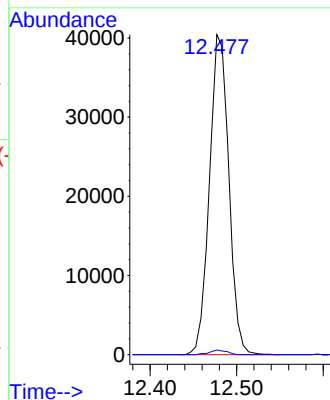
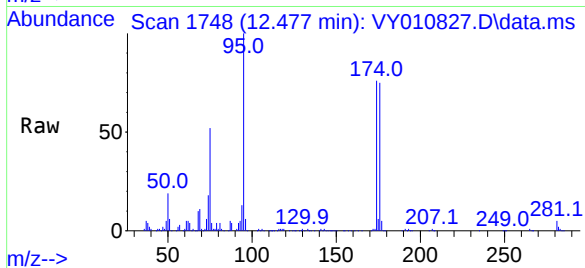




#76
1,2,3-Trichloropropane
Concen: 59.849 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY010827.D
Acq: 05 Oct 2022 17:54

Instrument :
MSVOA_Y
ClientSampleId :
D22009-8.5

Tgt Ion: 75 Resp: 62775
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 125.019 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.098 min
Lab File: VY010827.D
Acq: 05 Oct 2022 17:54

Tgt Ion: 75 Resp: 62775
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#

