

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030723\
 Data File : VY012845.D
 Acq On : 07 Mar 2023 15:21
 Operator : KP/MD
 Sample : 01828-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 AVENEL-60

Quant Time: Mar 07 23:44:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 03 01:13:13 2023
 Response via : Initial Calibration

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

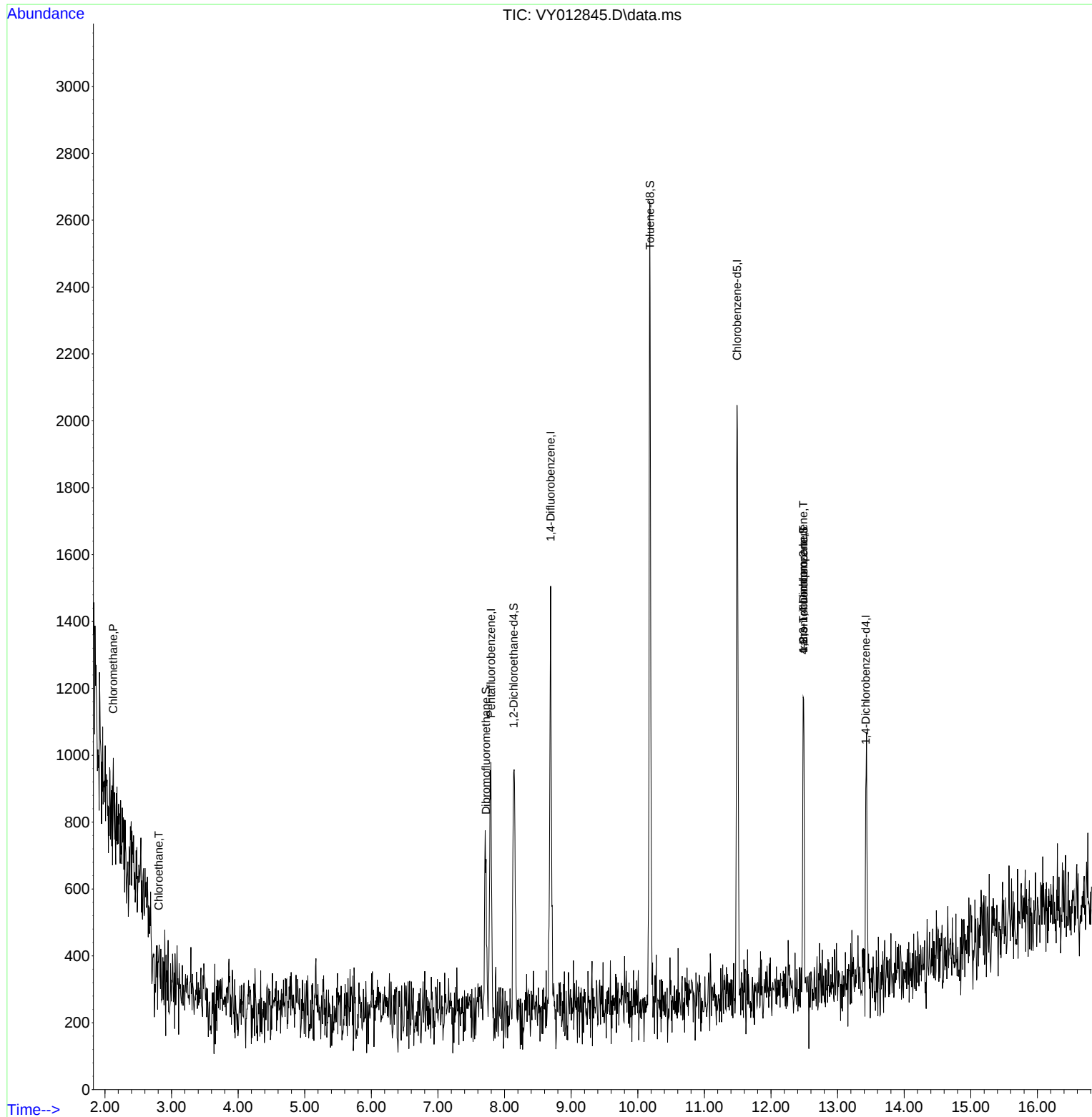
Internal Standards						
1) Pentafluorobenzene	7.795	168	868	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.691	114	1461	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	1184	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	283	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	686	79.600	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	159.200%
35) Dibromofluoromethane	7.722	113	443	50.243	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.480%
50) Toluene-d8	10.185	98	1831	56.804	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	113.600%
62) 4-Bromofluorobenzene	12.489	95	443	40.718	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	81.440%
Target Compounds						
						Qvalue
3) Chloromethane	2.125	50	99	9.679	ug/l	# 42
6) Chloroethane	2.808	64	142	25.280	ug/l	# 43
76) 1,2,3-Trichloropropane	12.483	75	148	43.794	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	148	90.742	ug/l	# 13

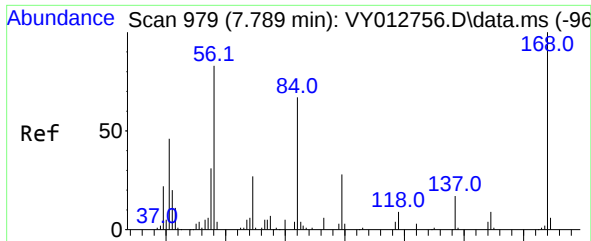
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030723\
Data File : VY012845.D
Acq On : 07 Mar 2023 15:21
Operator : KP/MD
Sample : 01828-01
Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
AVENEL-60

Quant Time: Mar 07 23:44:09 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 03 01:13:13 2023
Response via : Initial Calibration

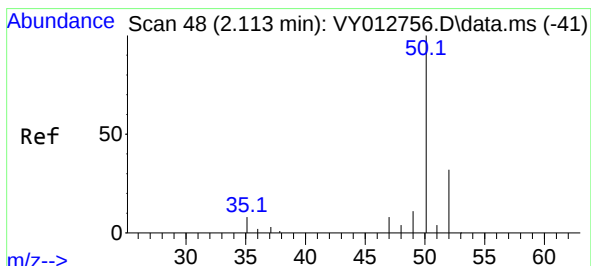
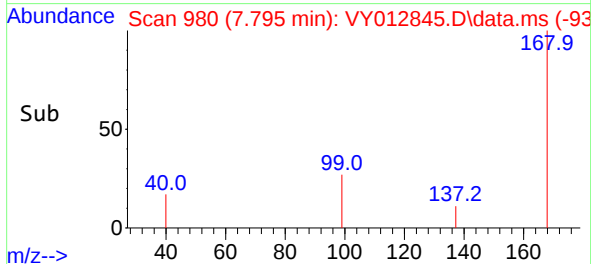
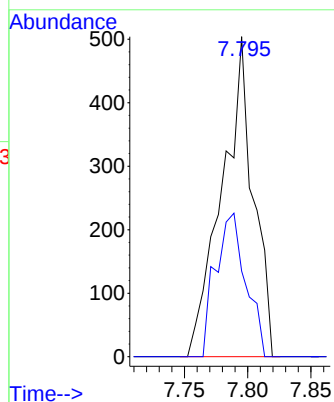
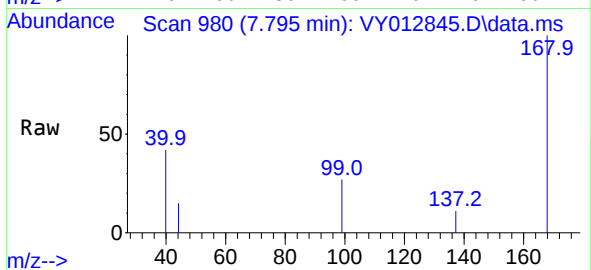




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY012845.D
Acq: 07 Mar 2023 15:21

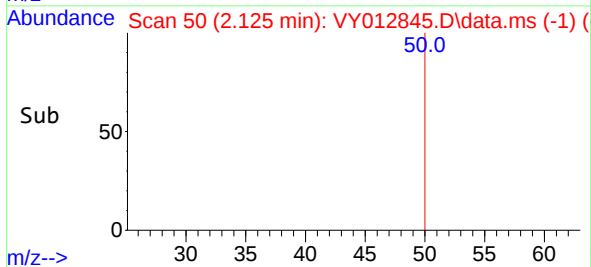
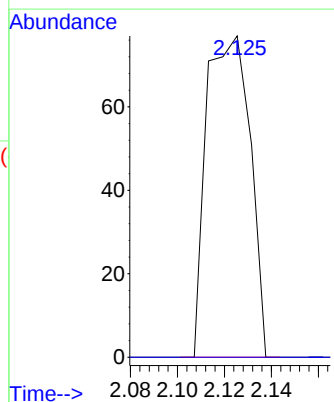
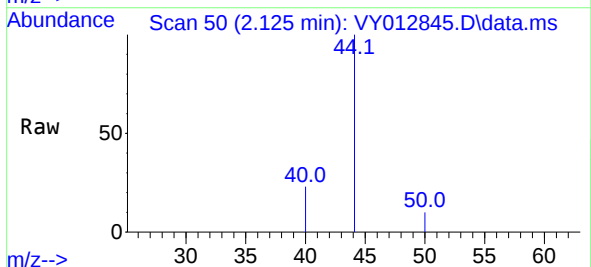
Instrument :
MSVOA_Y
ClientSampleId :
AVENEL-60

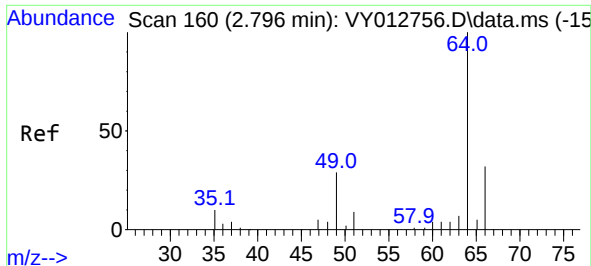
Tgt Ion:168 Resp: 868
Ion Ratio Lower Upper
168 100
99 26.8 41.7 62.5#



#3
Chloromethane
Concen: 9.679 ug/l
RT: 2.125 min Scan# 50
Delta R.T. 0.012 min
Lab File: VY012845.D
Acq: 07 Mar 2023 15:21

Tgt Ion: 50 Resp: 99
Ion Ratio Lower Upper
50 100
52 0.0 26.0 39.0#

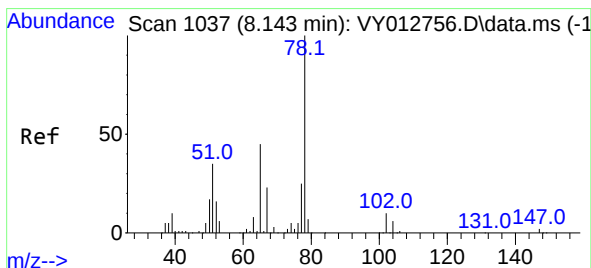
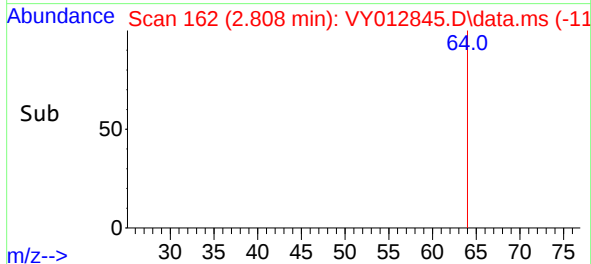
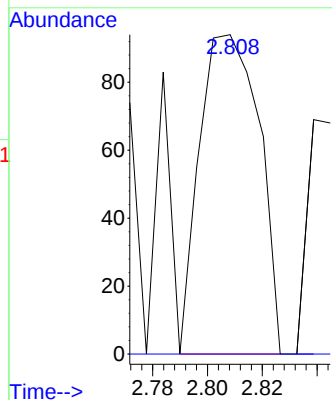
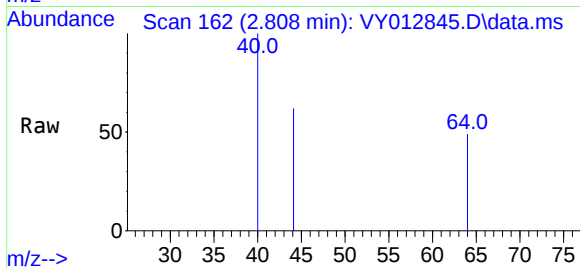




#6
Chloroethane
Concen: 25.280 ug/l
RT: 2.808 min Scan# 1
Delta R.T. 0.012 min
Lab File: VY012845.D
Acq: 07 Mar 2023 15:21

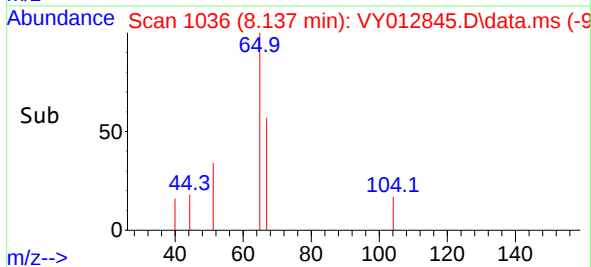
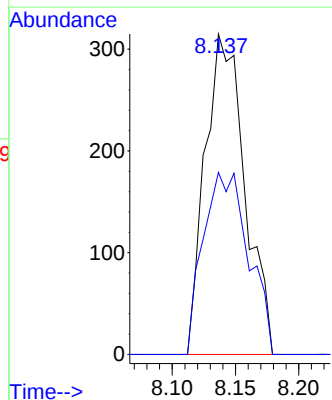
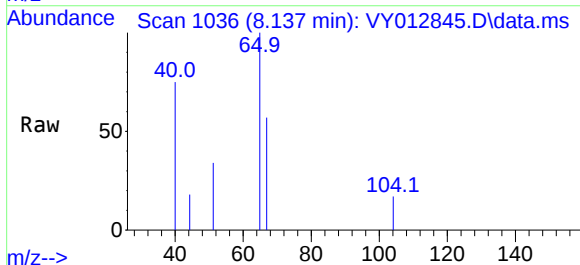
Instrument :
MSVOA_Y
ClientSampleId :
AVENEL-60

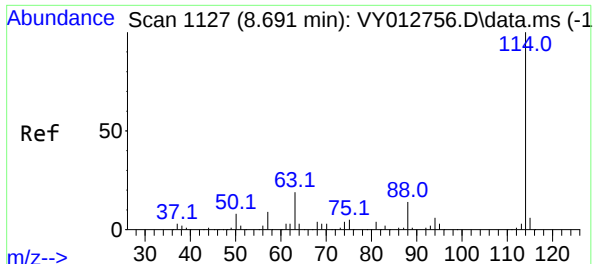
Tgt Ion: 64 Resp: 142
Ion Ratio Lower Upper
64 100
66 0.0 25.7 38.5#



#33
1,2-Dichloroethane-d4
Concen: 79.600 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY012845.D
Acq: 07 Mar 2023 15:21

Tgt Ion: 65 Resp: 686
Ion Ratio Lower Upper
65 100
67 65.0 0.0 104.0



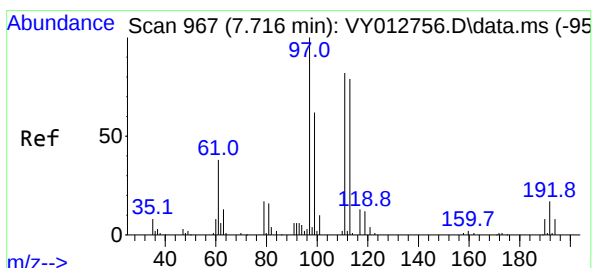
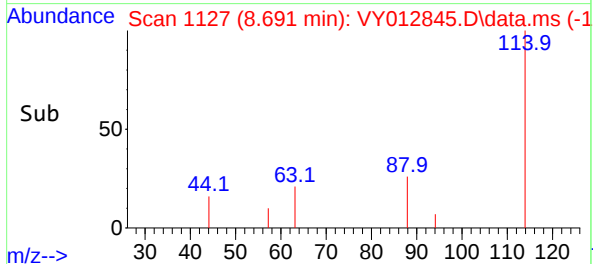
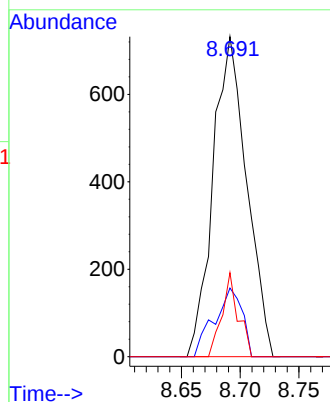
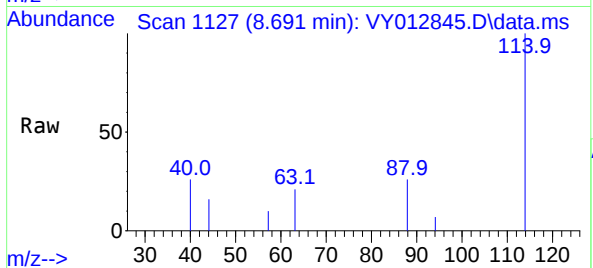


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY012845.D
Acq: 07 Mar 2023 15:21

Instrument :
MSVOA_Y
ClientSampleId :
AVENEL-60

Tgt Ion:114 Resp: 1461

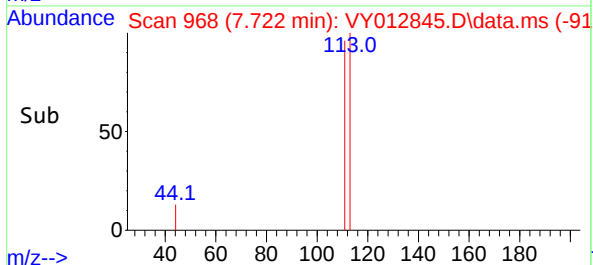
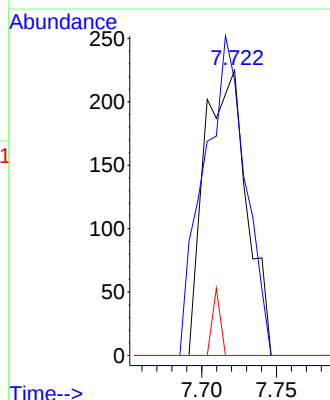
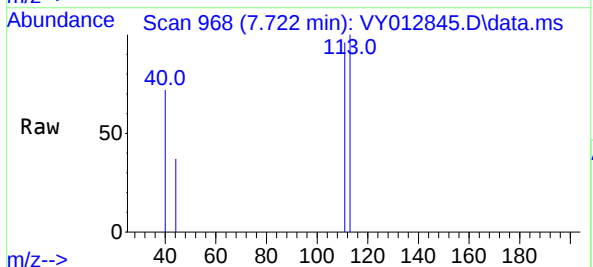
Ion	Ratio	Lower	Upper
114	100		
63	21.4	0.0	37.4
88	26.2	0.0	28.6

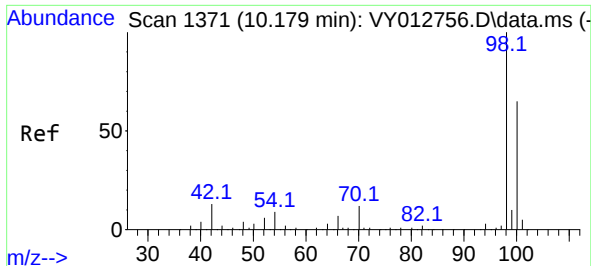


#35
Dibromofluoromethane
Concen: 50.243 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY012845.D
Acq: 07 Mar 2023 15:21

Tgt Ion:113 Resp: 443

Ion	Ratio	Lower	Upper
113	100		
111	109.5	82.2	123.2
192	4.3	16.8	25.2

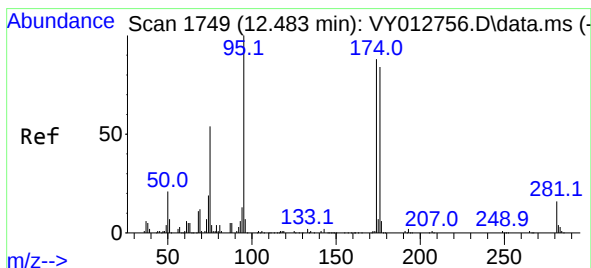
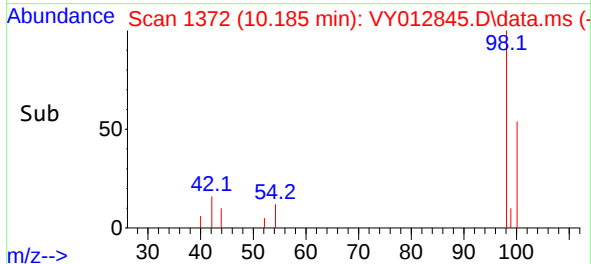
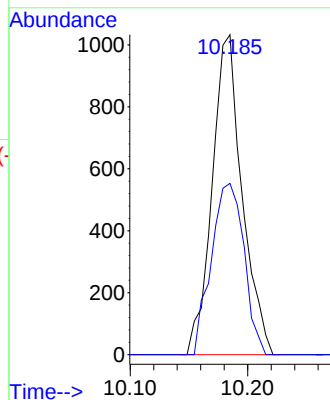
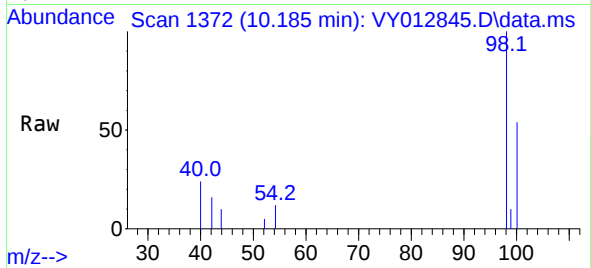




#50
Toluene-d8
Concen: 56.804 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY012845.D
Acq: 07 Mar 2023 15:21

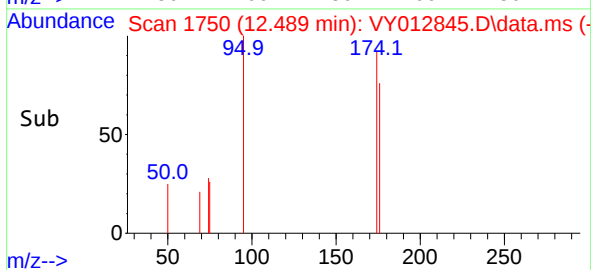
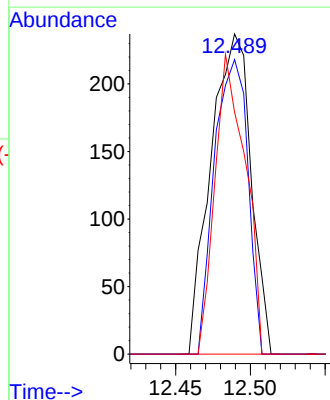
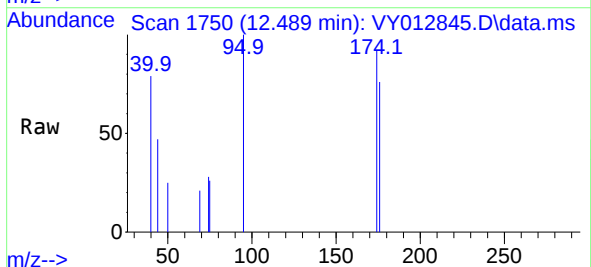
Instrument :
MSVOA_Y
ClientSampleId :
AVENEL-60

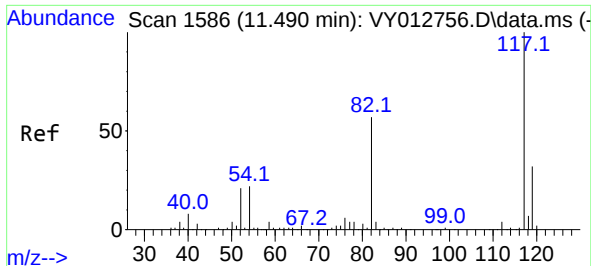
Tgt Ion: 98 Resp: 1831
Ion Ratio Lower Upper
98 100
100 58.4 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 40.718 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY012845.D
Acq: 07 Mar 2023 15:21

Tgt Ion: 95 Resp: 443
Ion Ratio Lower Upper
95 100
174 76.5 0.0 176.6
176 70.9 0.0 170.2

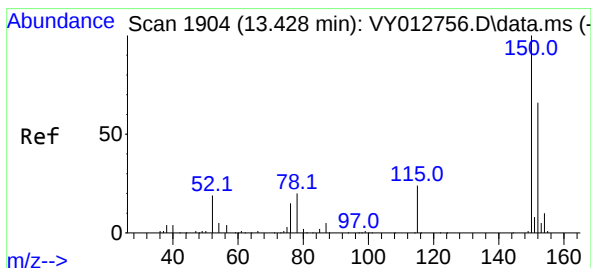
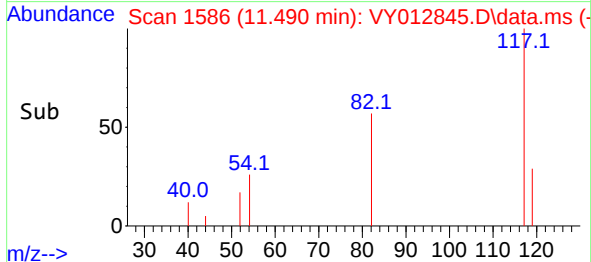
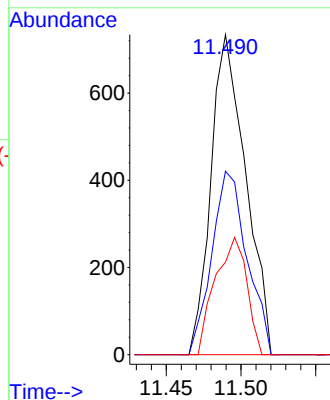
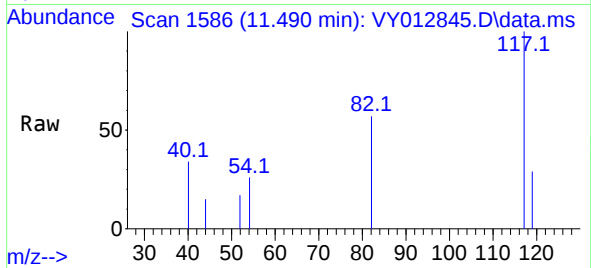




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1184
Delta R.T. 0.000 min
Lab File: VY012845.D
Acq: 07 Mar 2023 15:21

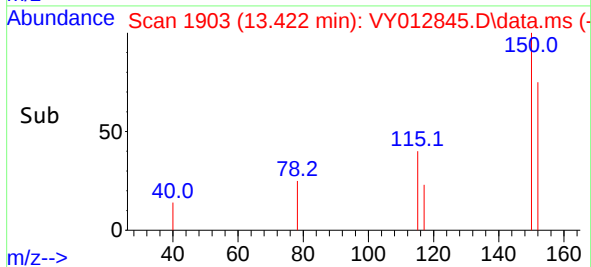
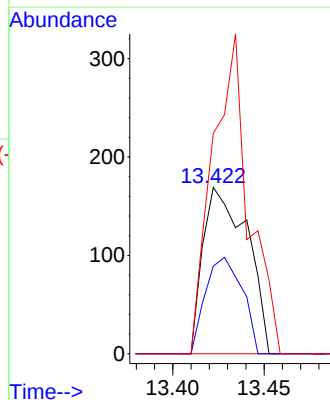
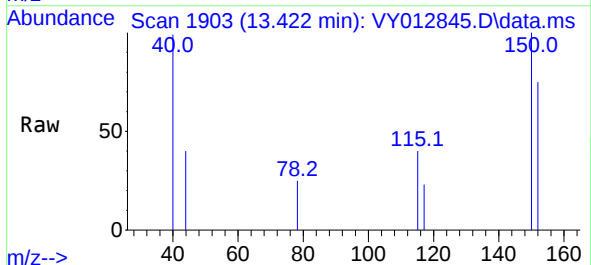
Instrument :
MSVOA_Y
ClientSampleId :
AVENEL-60

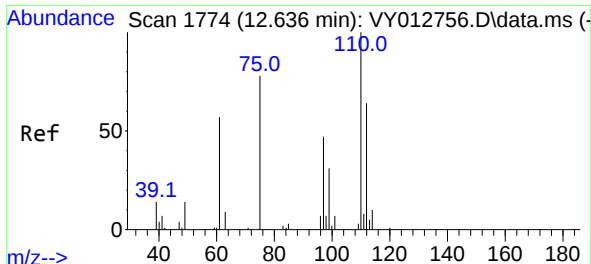
Tgt Ion:	117	Resp:	1184
Ion	Ratio	Lower	Upper
117	100		
82	57.4	45.4	68.0
119	28.9	25.6	38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY012845.D
Acq: 07 Mar 2023 15:21

Tgt Ion:	152	Resp:	283
Ion	Ratio	Lower	Upper
152	100		
115	48.4	27.1	81.3
150	158.7	0.0	347.8

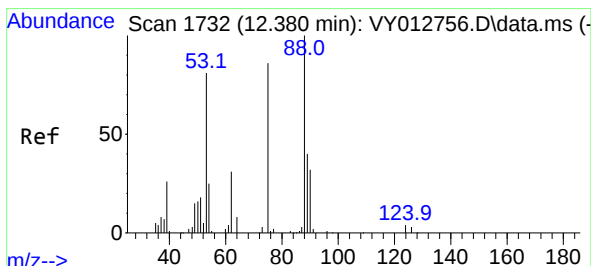
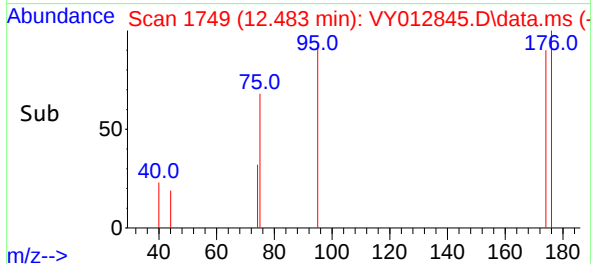
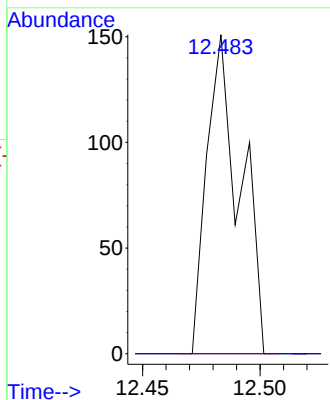
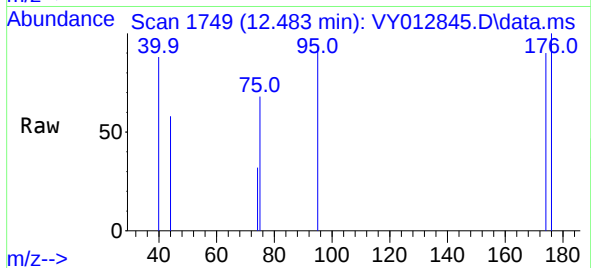




#76
1,2,3-Trichloropropane
Concen: 43.794 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY012845.D
Acq: 07 Mar 2023 15:21

Instrument :
MSVOA_Y
ClientSampleId :
AVENEL-60

Tgt Ion: 75 Resp: 148
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 90.742 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY012845.D
Acq: 07 Mar 2023 15:21

Tgt Ion: 75 Resp: 148
Ion Ratio Lower Upper
75 100
53 0.0 73.4 110.0#
89 0.0 36.6 55.0#

