

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052623\
 Data File : VY013894.D
 Acq On : 26 May 2023 15:35
 Operator : KP/MD
 Sample : 02904-01RE
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EO-3-052323RE

Quant Time: May 26 16:45:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052323S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 24 05:25:47 2023
 Response via : Initial Calibration

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

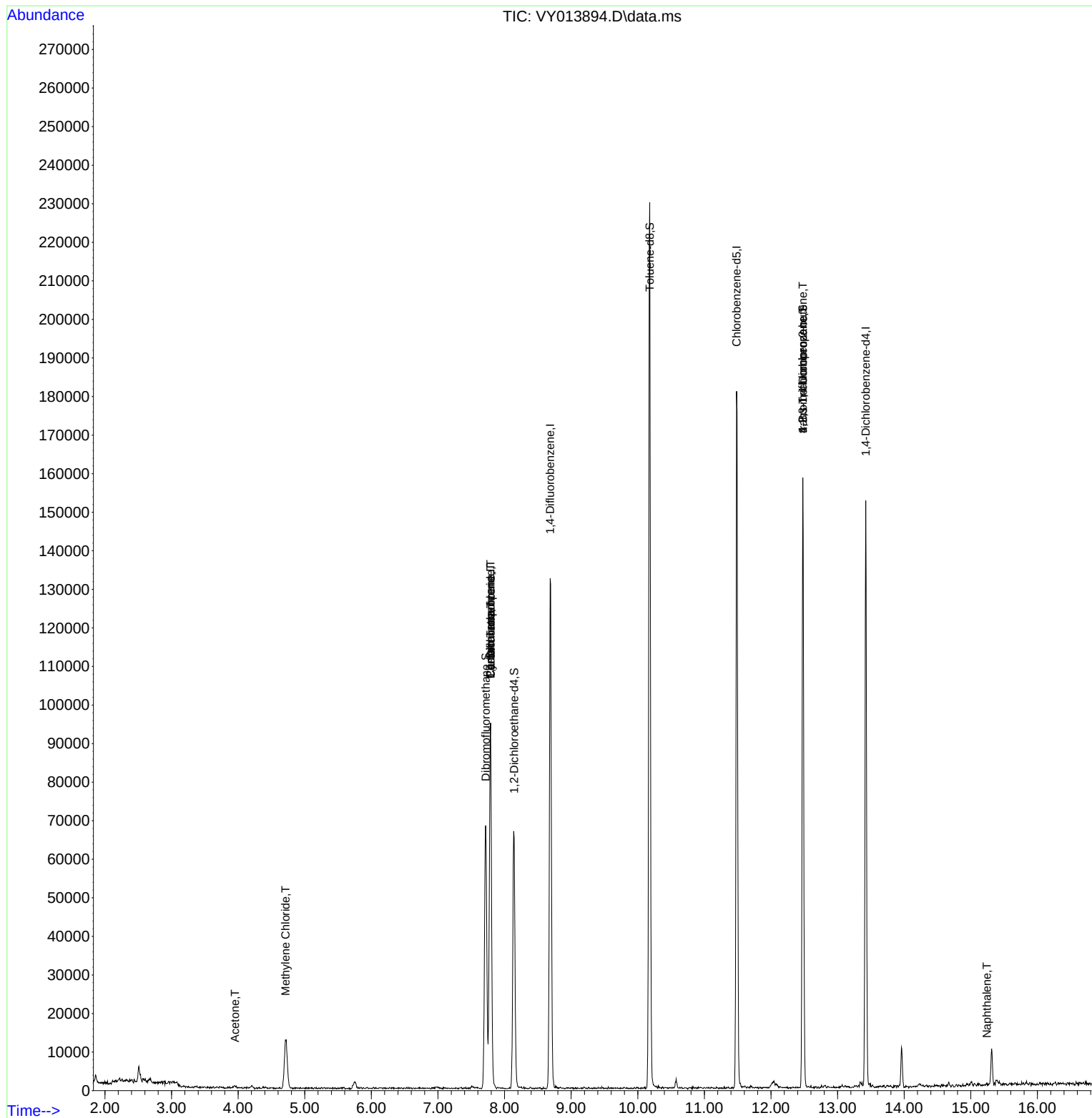
Internal Standards						
1) Pentafluorobenzene	7.789	168	73353	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	109353	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.484	117	96795	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	39482	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	55234	65.087	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 130.180%	
35) Dibromofluoromethane	7.716	113	46227	65.458	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 130.920%	
50) Toluene-d8	10.179	98	150116	55.929	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 111.860%	
62) 4-Bromofluorobenzene	12.477	95	43681	48.960	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 97.920%	
Target Compounds						
					Qvalue	
16) Acetone	3.954	43	1072	4.256	ug/l	95
20) Methylene Chloride	4.710	84	9147	8.115	ug/l	95
31) Cyclohexane	7.789	56	1649	1.265	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	5407	5.027	ug/l #	51
38) Carbon Tetrachloride	7.789	117	7071	5.780	ug/l #	17
76) 1,2,3-Trichloropropane	12.477	75	22938	49.271	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	22938	106.952	ug/l #	10
95) Naphthalene	15.239	128	615	4.881	ug/l #	73

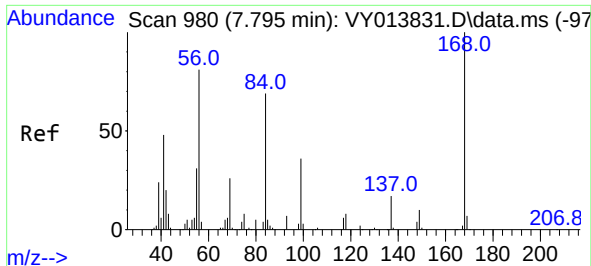
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052623\
Data File : VY013894.D
Acq On : 26 May 2023 15:35
Operator : KP/MD
Sample : 02904-01RE
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
EO-3-052323RE

Quant Time: May 26 16:45:23 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052323S.M
Quant Title : SW846 8260
QLast Update : Wed May 24 05:25:47 2023
Response via : Initial Calibration

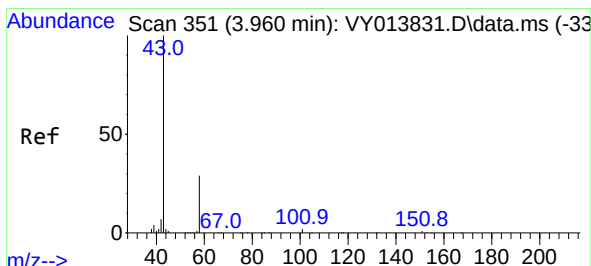
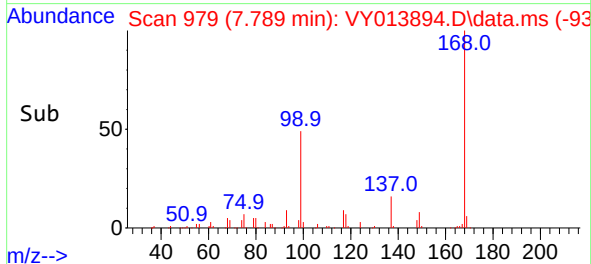
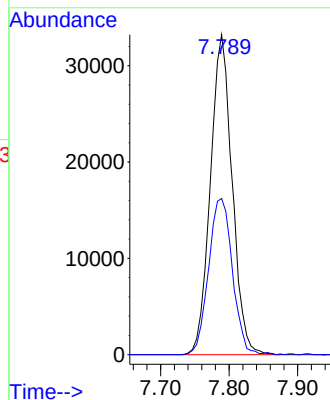
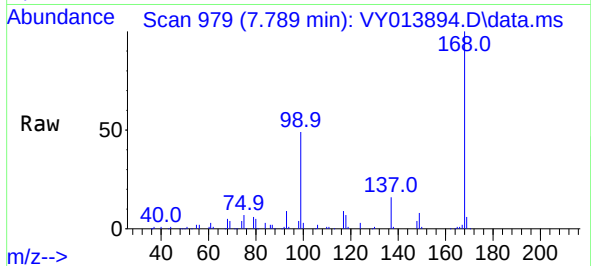




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013894.D
Acq: 26 May 2023 15:35

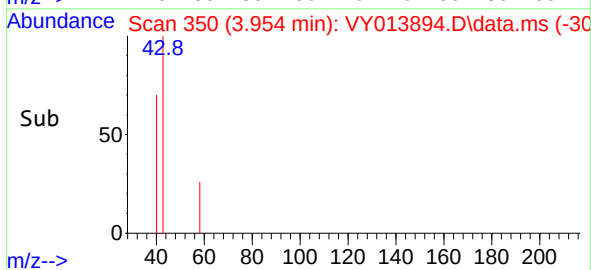
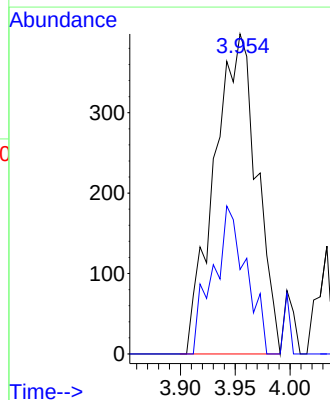
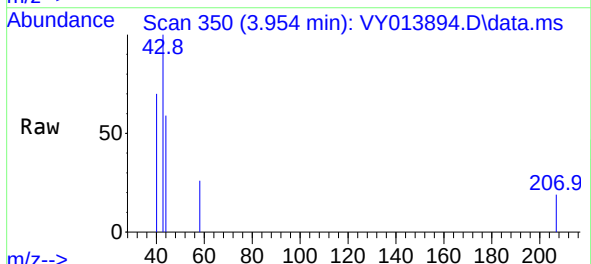
Instrument :
MSVOA_Y
ClientSampleId :
EO-3-052323RE

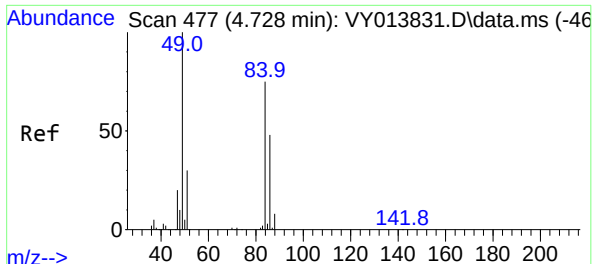
Tgt Ion:168 Resp: 73353
Ion Ratio Lower Upper
168 100
99 48.8 43.4 65.2



#16
Acetone
Concen: 4.256 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY013894.D
Acq: 26 May 2023 15:35

Tgt Ion: 43 Resp: 1072
Ion Ratio Lower Upper
43 100
58 26.4 23.3 34.9



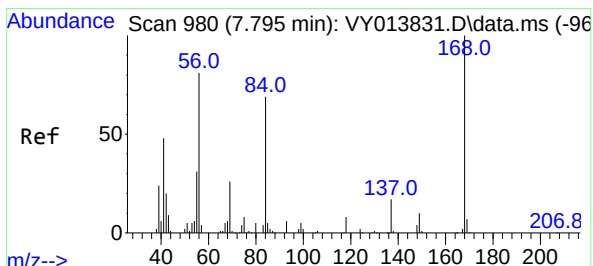
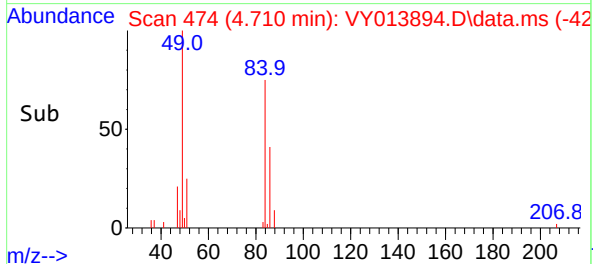
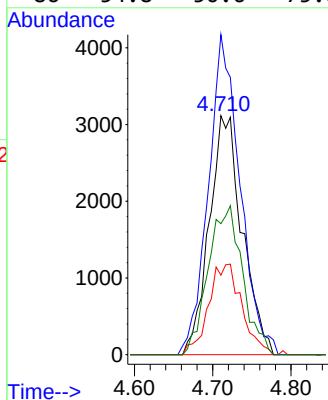
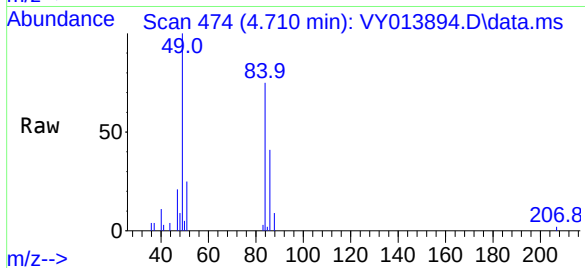


#20
Methylene Chloride
Concen: 8.115 ug/l
RT: 4.710 min Scan# 41
Delta R.T. -0.018 min
Lab File: VY013894.D
Acq: 26 May 2023 15:35

Instrument :
MSVOA_Y
ClientSampleId :
EO-3-052323RE

Tgt Ion: 84 Resp: 9147

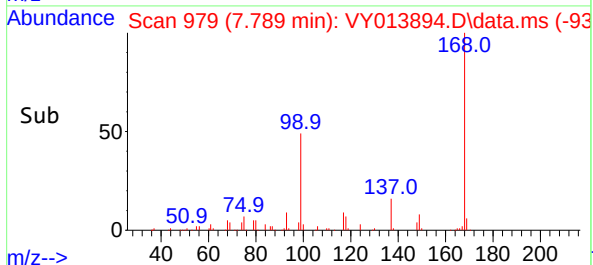
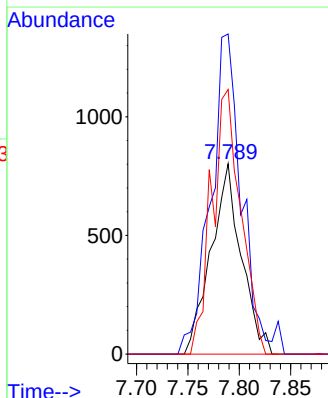
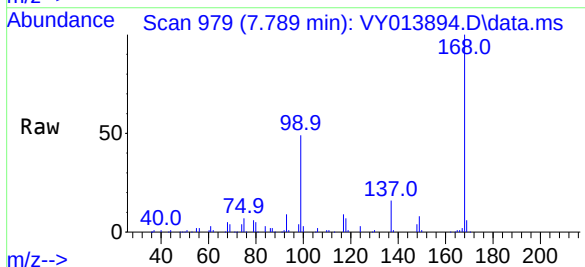
Ion	Ratio	Lower	Upper
84	100		
49	133.9	106.2	159.2
51	33.3	31.4	47.0
86	54.8	50.6	75.8

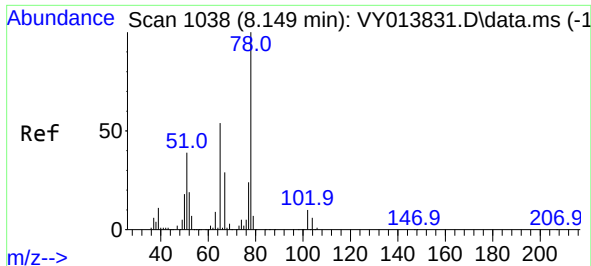


#31
Cyclohexane
Concen: 1.265 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.006 min
Lab File: VY013894.D
Acq: 26 May 2023 15:35

Tgt Ion: 56 Resp: 1649

Ion	Ratio	Lower	Upper
56	100		
69	168.2	25.8	38.8#
84	139.0	68.2	102.2#





#33

1,2-Dichloroethane-d4

Concen: 65.087 ug/l

RT: 8.143 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY013894.D

Acq: 26 May 2023 15:35

Instrument :

MSVOA_Y

ClientSampleId :

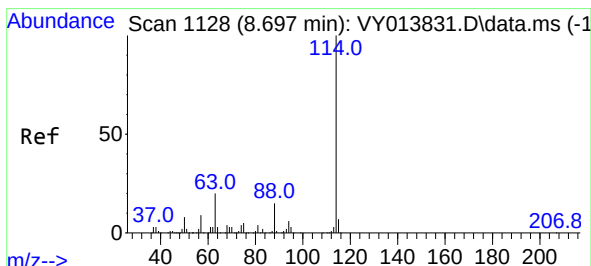
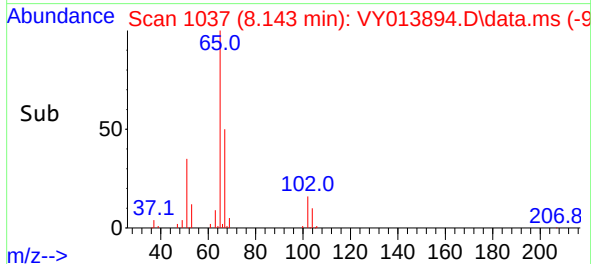
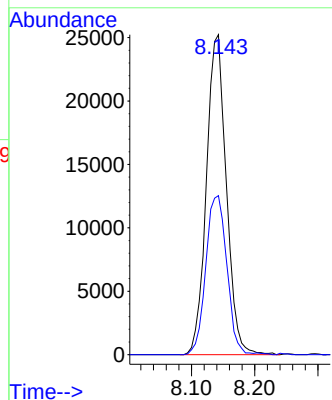
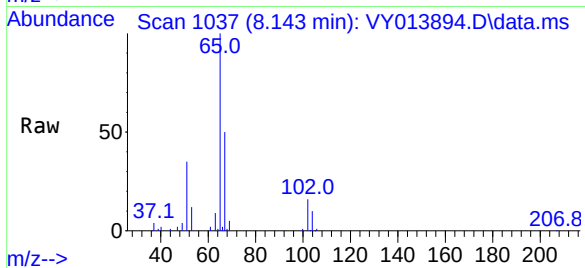
EO-3-052323RE

Tgt Ion: 65 Resp: 55234

Ion Ratio Lower Upper

65 100

67 52.6 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.012 min

Lab File: VY013894.D

Acq: 26 May 2023 15:35

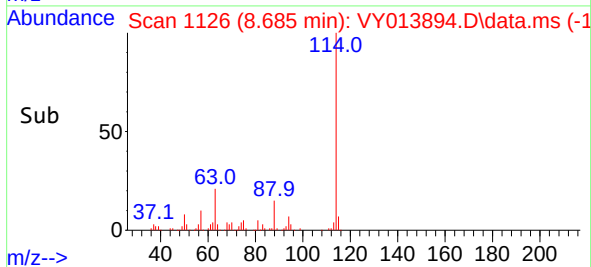
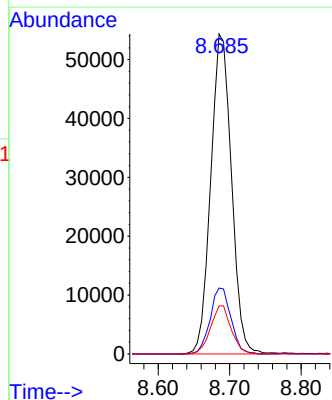
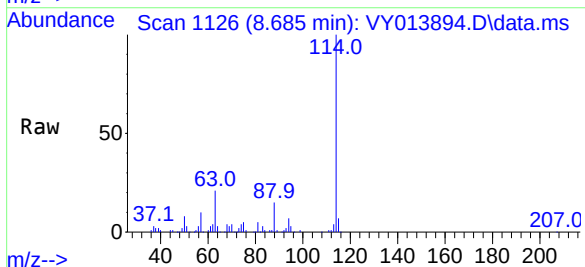
Tgt Ion:114 Resp: 109353

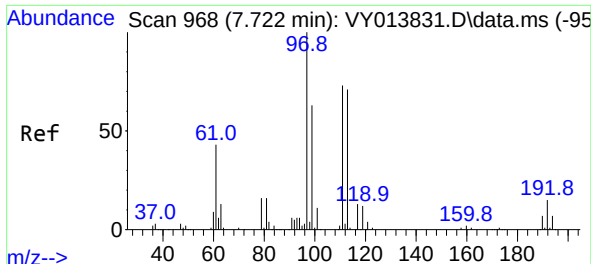
Ion Ratio Lower Upper

114 100

63 20.6 0.0 40.2

88 15.0 0.0 30.0

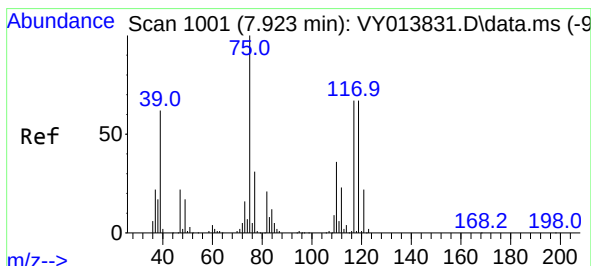
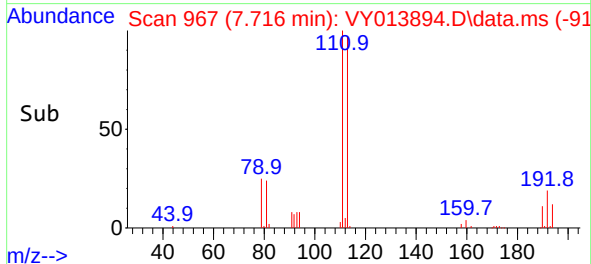
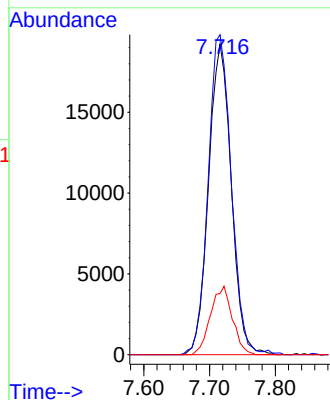
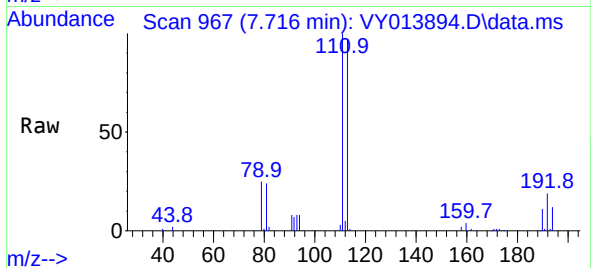




#35
Dibromofluoromethane
Concen: 65.458 ug/l
RT: 7.716 min Scan# 911
Delta R.T. -0.006 min
Lab File: VY013894.D
Acq: 26 May 2023 15:35

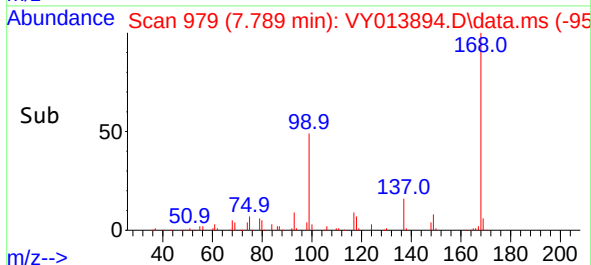
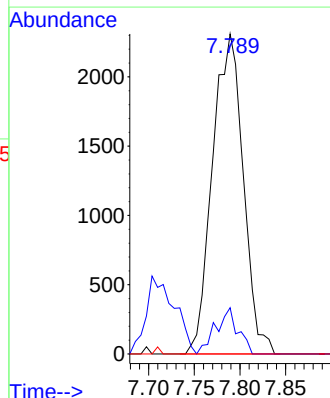
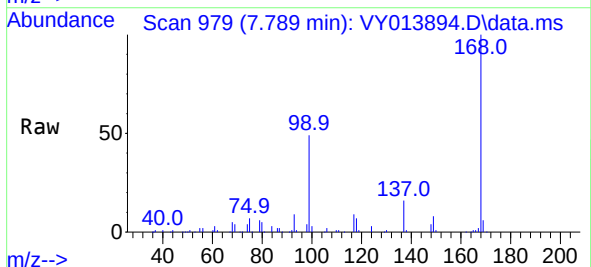
Instrument :
MSVOA_Y
ClientSampleId :
EO-3-052323RE

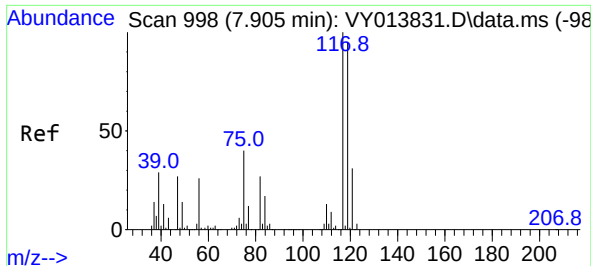
Tgt Ion:113 Resp: 46227
Ion Ratio Lower Upper
113 100
111 105.0 80.4 120.6
192 21.2 16.6 25.0



#36
1,1-Dichloropropene
Concen: 5.027 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.134 min
Lab File: VY013894.D
Acq: 26 May 2023 15:35

Tgt Ion: 75 Resp: 5407
Ion Ratio Lower Upper
75 100
110 10.4 17.5 52.6#
77 0.0 24.4 36.6#

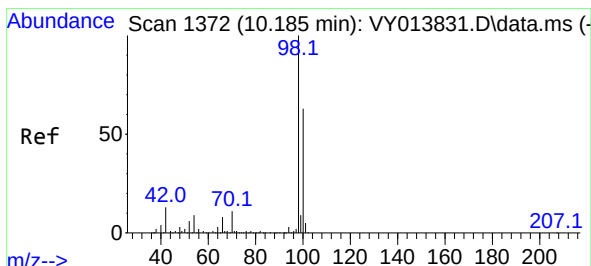
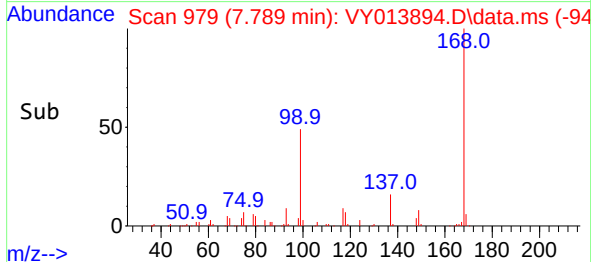
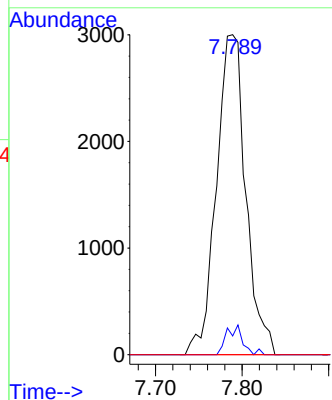
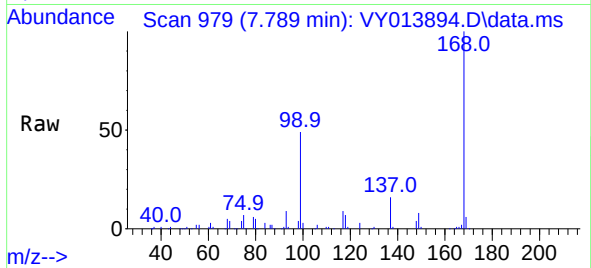




#38
Carbon Tetrachloride
Concen: 5.780 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY013894.D
Acq: 26 May 2023 15:35

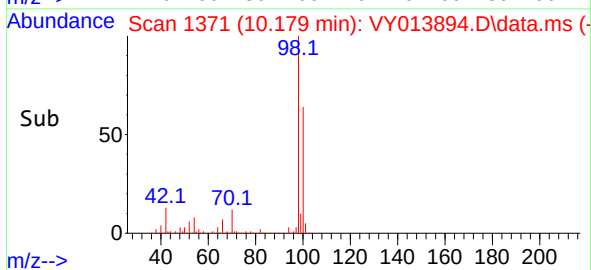
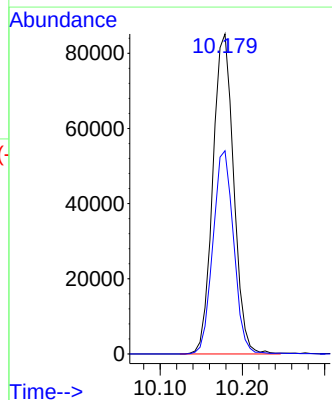
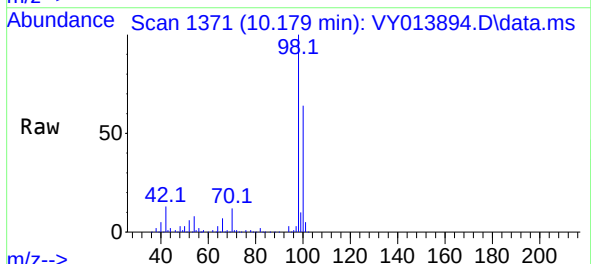
Instrument :
MSVOA_Y
ClientSampleId :
EO-3-052323RE

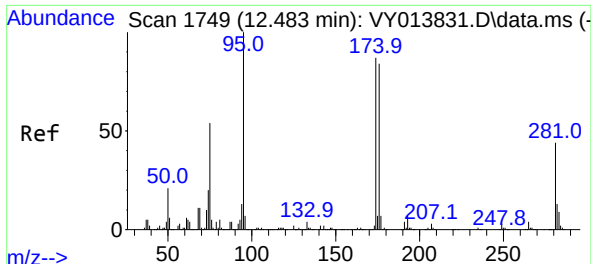
Tgt Ion:117 Resp: 7071
Ion Ratio Lower Upper
117 100
119 5.8 75.6 113.4#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 55.929 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY013894.D
Acq: 26 May 2023 15:35

Tgt Ion: 98 Resp: 150116
Ion Ratio Lower Upper
98 100
100 63.0 50.8 76.2

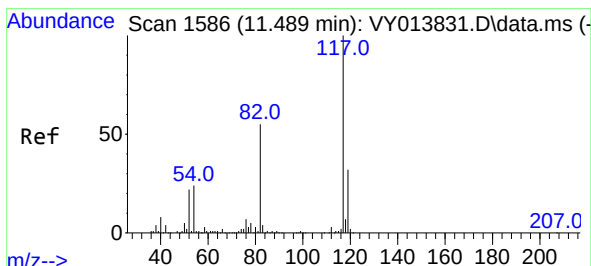
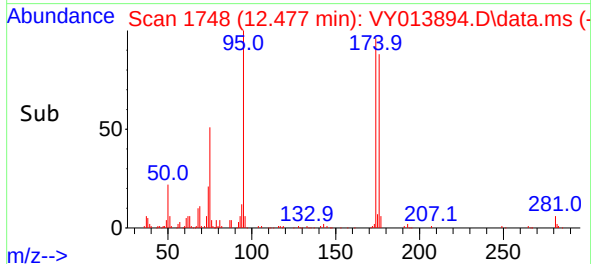
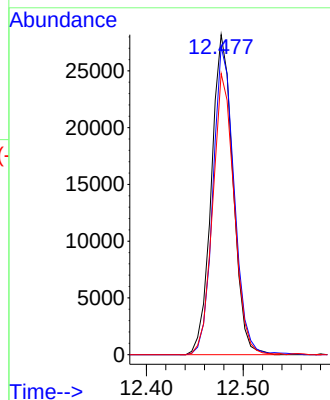
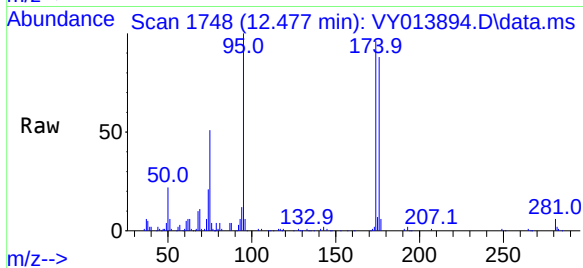




#62
4-Bromofluorobenzene
Concen: 48.960 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY013894.D
Acq: 26 May 2023 15:35

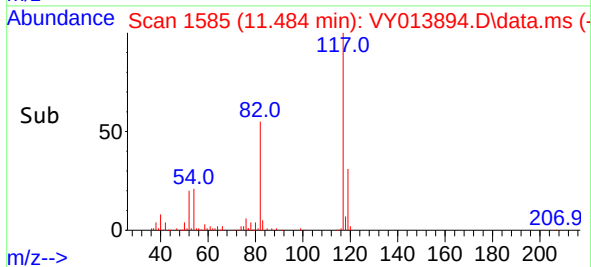
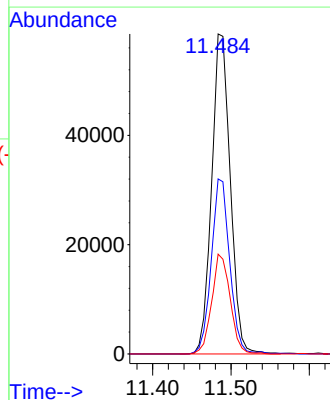
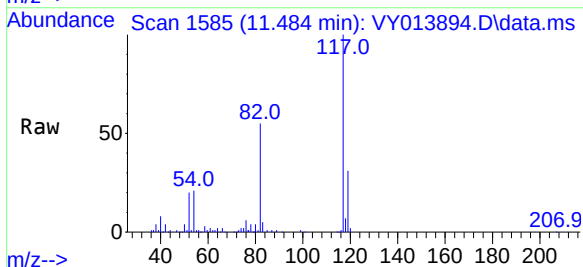
Instrument :
MSVOA_Y
ClientSampleId :
EO-3-052323RE

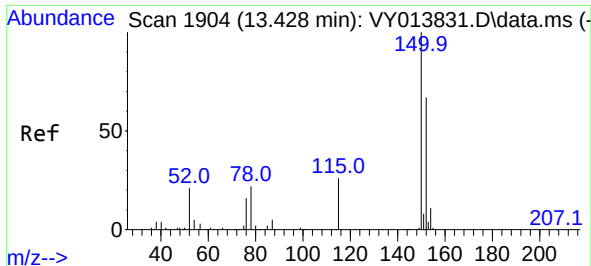
Tgt Ion: 95 Resp: 43681
Ion Ratio Lower Upper
95 100
174 94.6 0.0 176.0
176 86.7 0.0 170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.484 min Scan# 1585
Delta R.T. -0.006 min
Lab File: VY013894.D
Acq: 26 May 2023 15:35

Tgt Ion: 117 Resp: 96795
Ion Ratio Lower Upper
117 100
82 54.7 44.2 66.4
119 31.2 25.7 38.5

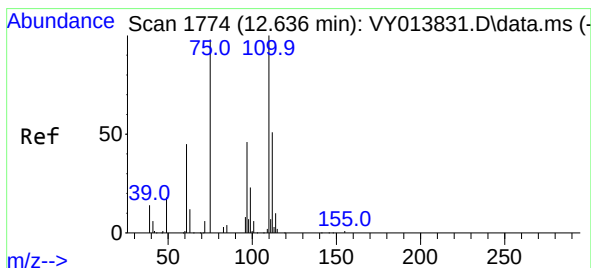
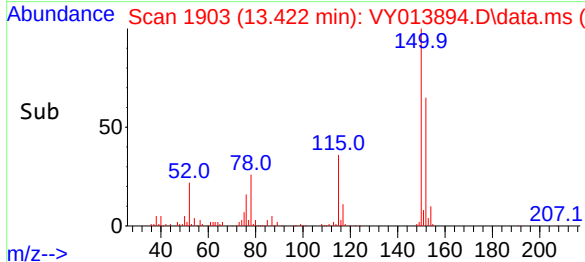
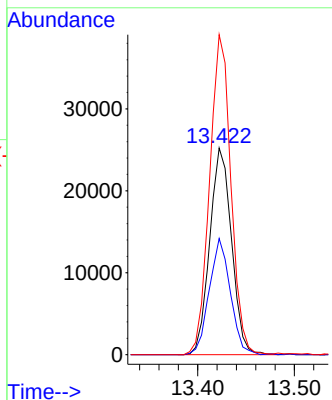
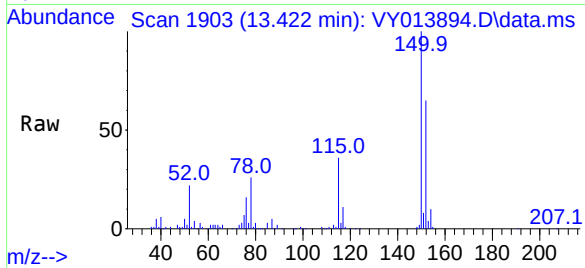




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1904
Delta R.T. -0.006 min
Lab File: VY013894.D
Acq: 26 May 2023 15:35

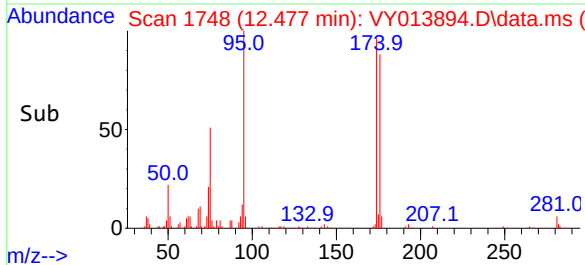
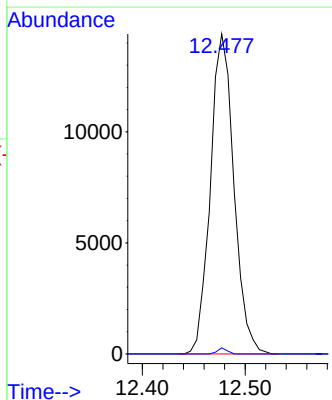
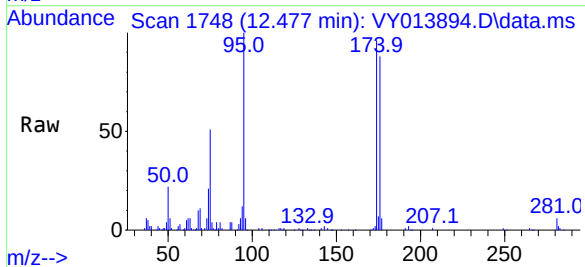
Instrument :
MSVOA_Y
ClientSampleId :
EO-3-052323RE

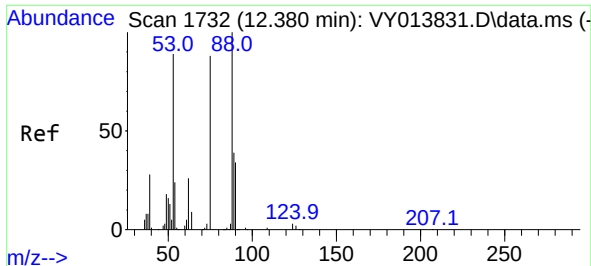
Tgt Ion:152 Resp: 39482
Ion Ratio Lower Upper
152 100
115 54.3 28.8 86.5
150 151.0 0.0 353.4



#76
1,2,3-Trichloropropane
Concen: 49.271 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.158 min
Lab File: VY013894.D
Acq: 26 May 2023 15:35

Tgt Ion: 75 Resp: 22938
Ion Ratio Lower Upper
75 100
77 0.8 0.0 0.0#

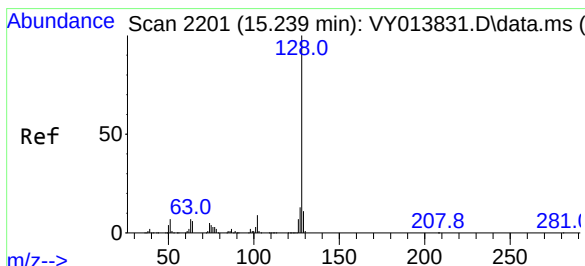
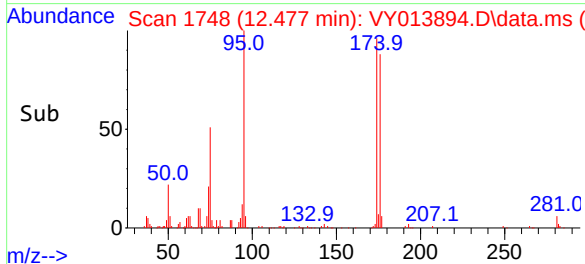
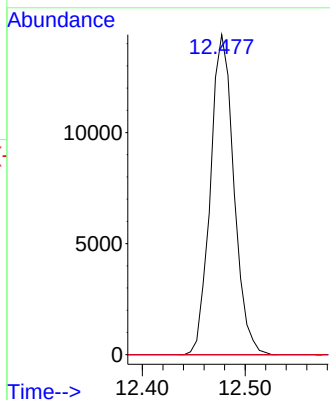
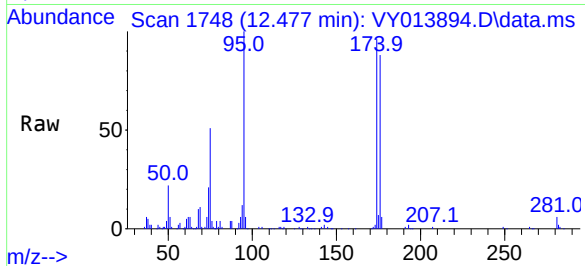




#81
trans-1,4-Dichloro-2-butene
Concen: 106.952 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.098 min
Lab File: VY013894.D
Acq: 26 May 2023 15:35

Instrument :
MSVOA_Y
ClientSampleId :
EO-3-052323RE

Tgt Ion: 75 Resp: 22938
Ion Ratio Lower Upper
75 100
53 0.0 79.7 119.5#
89 0.0 36.4 54.6#



#95
Naphthalene
Concen: 4.881 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY013894.D
Acq: 26 May 2023 15:35

Tgt Ion:128 Resp: 615
Ion Ratio Lower Upper
128 100
127 3.3 10.7 16.1#
129 0.0 9.0 13.4#

