

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030123\
 Data File : VY012746.D
 Acq On : 01 Mar 2023 13:17
 Operator : KP/MD
 Sample : 01725-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EO-01-022723

Quant Time: Mar 02 02:04:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022123S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 22 01:21:05 2023
 Response via : Initial Calibration

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

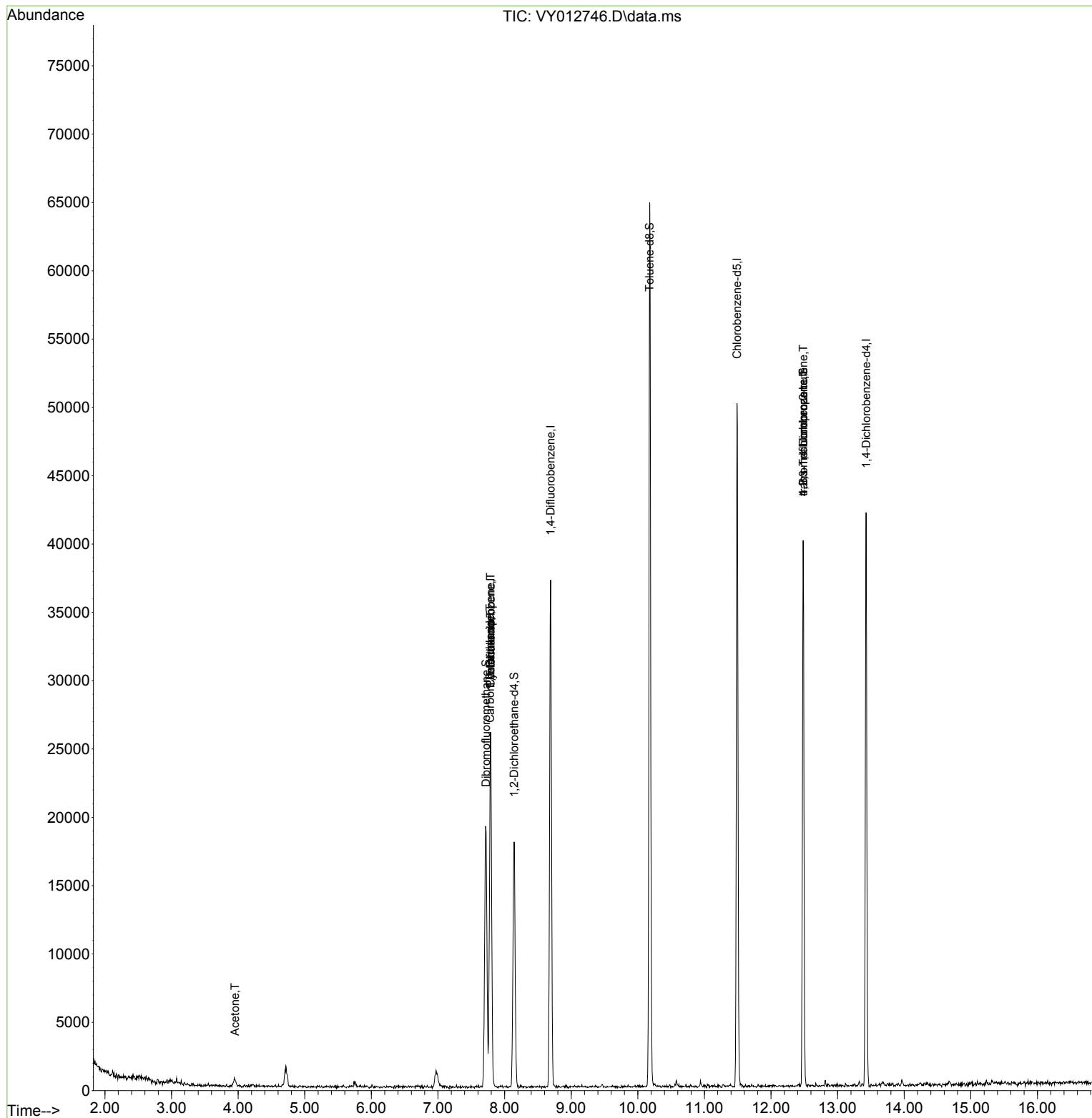
Internal Standards						
1) Pentafluorobenzene	7.789	168	20505	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	31066	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	27456	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	10567	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	14357	59.284	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 118.560%	
35) Dibromofluoromethane	7.722	113	13891	66.201	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 132.400%	
50) Toluene-d8	10.179	98	42598	54.188	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 108.380%	
62) 4-Bromofluorobenzene	12.483	95	11527	45.822	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 91.640%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.113	50	385	Below Cal		96
16) Acetone	3.954	43	1093	13.831 ug/l	#	77
20) Methylene Chloride	4.716	84	1045	Below Cal	#	75
31) Cyclohexane	7.789	56	572	1.360 ug/l	#	24
36) 1,1-Dichloropropene	7.789	75	1504	4.522 ug/l	#	43
38) Carbon Tetrachloride	7.783	117	2012	5.850 ug/l	#	13
76) 1,2,3-Trichloropropane	12.483	75	6141	46.616 ug/l	#	100
81) trans-1,4-Dichloro-2-b...	12.483	75	6141	98.756 ug/l	#	9

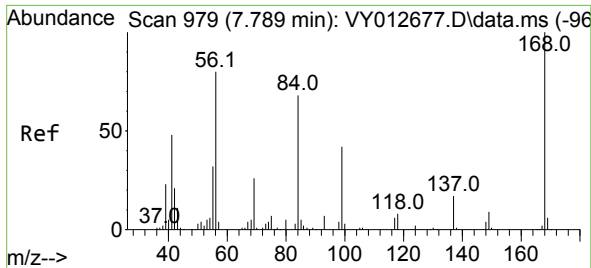
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030123\
Data File : VY012746.D
Acq On : 01 Mar 2023 13:17
Operator : KP/MD
Sample : 01725-01
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
EO-01-022723

Quant Time: Mar 02 02:04:34 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022123S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 22 01:21:05 2023
Response via : Initial Calibration

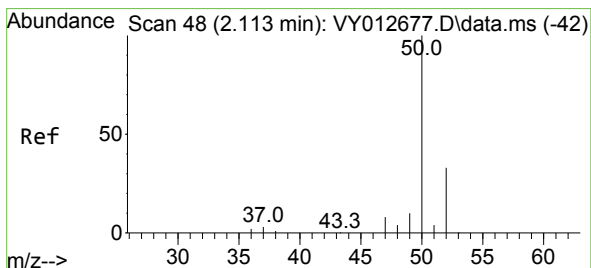
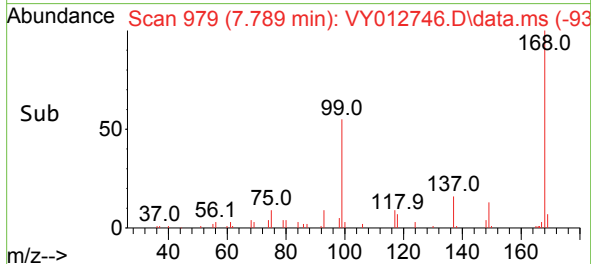
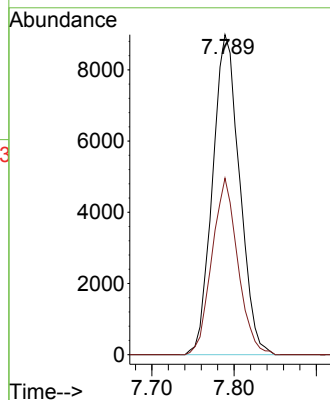
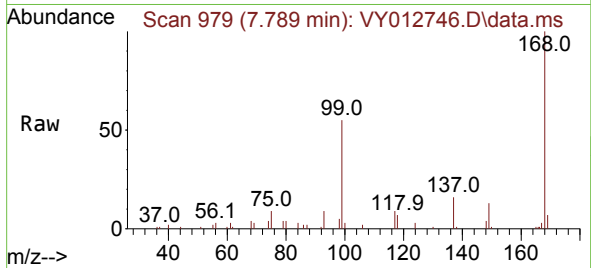




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012746.D
Acq: 01 Mar 2023 13:17

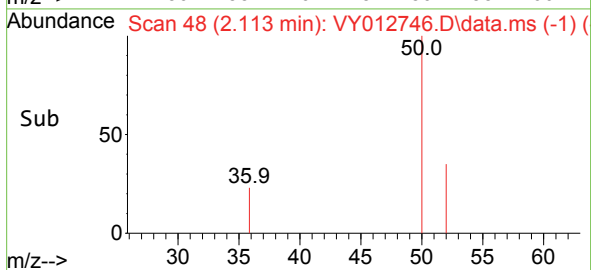
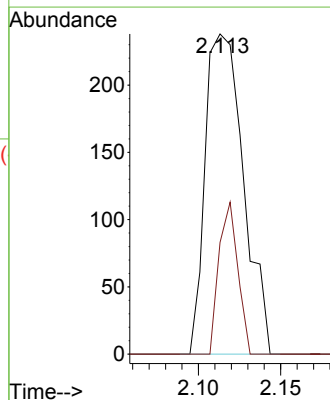
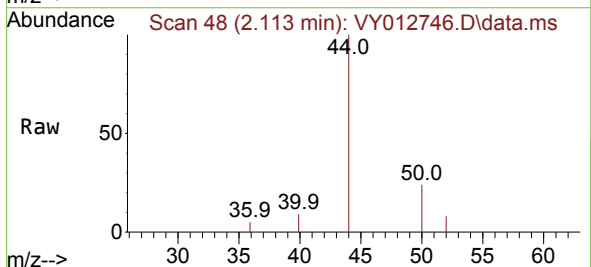
Instrument :
MSVOA_Y
ClientSampleId :
EO-01-022723

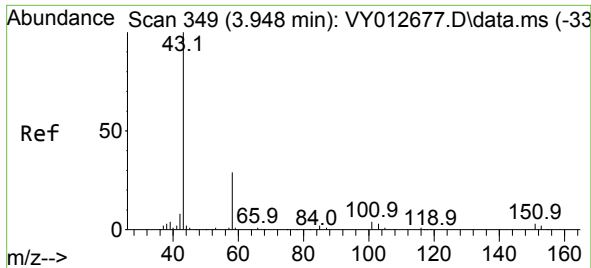
Tgt Ion:168 Resp: 20505
Ion Ratio Lower Upper
168 100
99 55.1 45.4 68.2



#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY012746.D
Acq: 01 Mar 2023 13:17

Tgt Ion: 50 Resp: 385
Ion Ratio Lower Upper
50 100
52 34.9 26.1 39.1





#16

Acetone

Concen: 13.831 ug/l

RT: 3.954 min Scan# 3

Delta R.T. 0.006 min

Lab File: VY012746.D

Acq: 01 Mar 2023 13:17

Instrument :

MSVOA_Y

ClientSampleId :

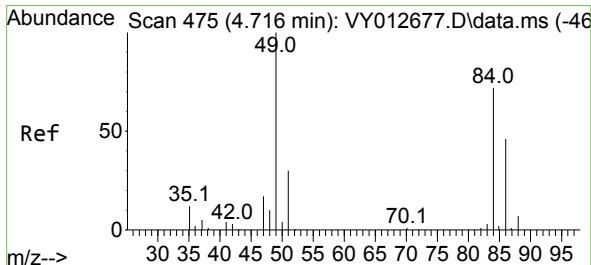
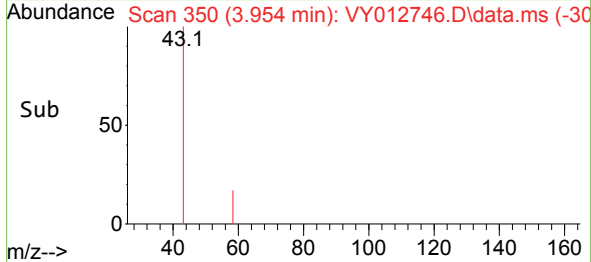
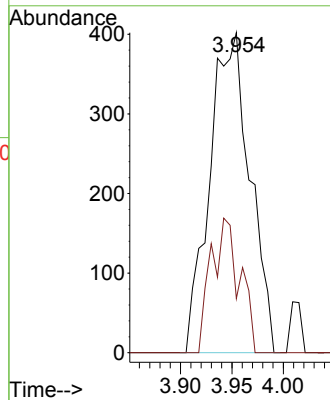
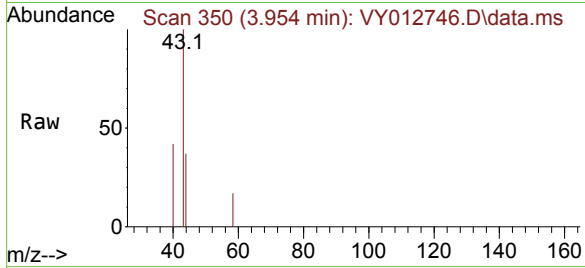
EO-01-022723

Tgt Ion: 43 Resp: 1093

Ion Ratio Lower Upper

43 100

58 16.9 23.3 34.9#



#20

Methylene Chloride

Concen: Below Cal

RT: 4.716 min Scan# 475

Delta R.T. 0.000 min

Lab File: VY012746.D

Acq: 01 Mar 2023 13:17

Tgt Ion: 84 Resp: 1045

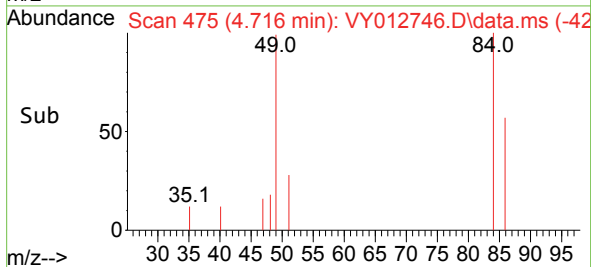
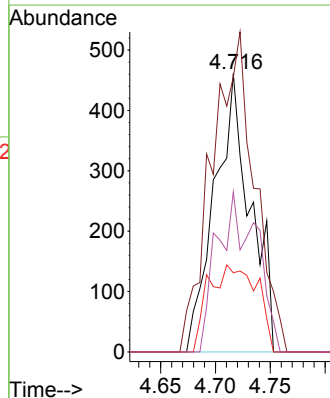
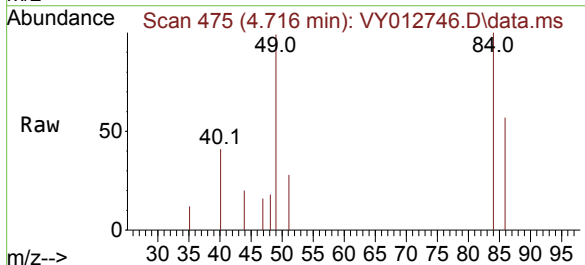
Ion Ratio Lower Upper

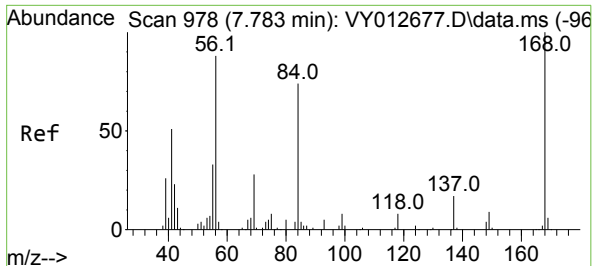
84 100

49 98.7 111.1 166.7#

51 28.4 33.5 50.3#

86 57.5 50.8 76.2

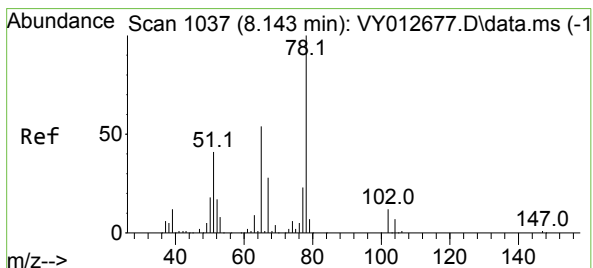
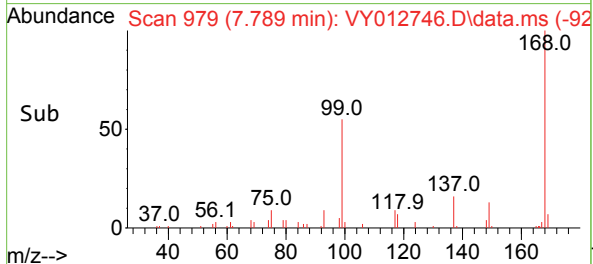
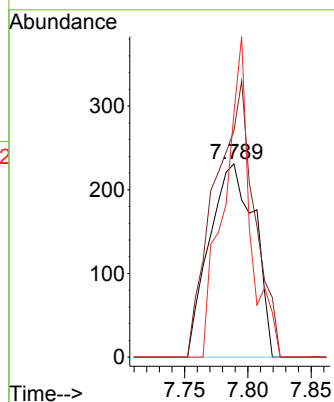
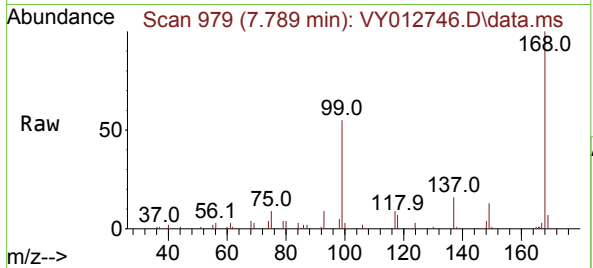




#31
Cyclohexane
Concen: 1.360 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY012746.D
Acq: 01 Mar 2023 13:17

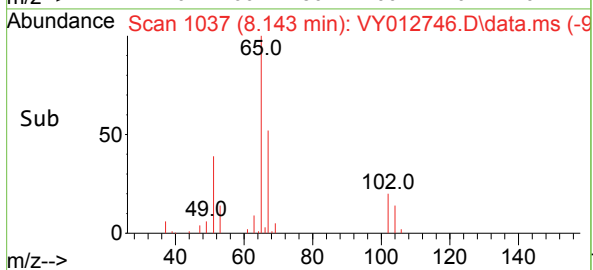
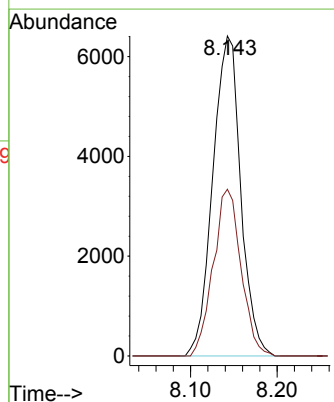
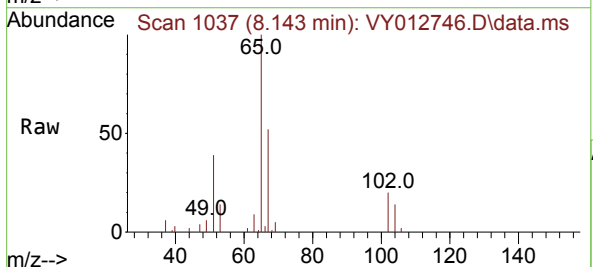
Instrument :
MSVOA_Y
ClientSampleId :
EO-01-022723

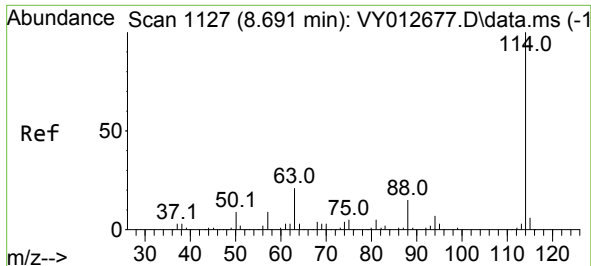
Tgt Ion: 56 Resp: 572
Ion Ratio Lower Upper
56 100
69 117.3 25.4 38.2#
84 126.4 67.3 100.9#



#33
1,2-Dichloroethane-d4
Concen: 59.284 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY012746.D
Acq: 01 Mar 2023 13:17

Tgt Ion: 65 Resp: 14357
Ion Ratio Lower Upper
65 100
67 51.9 0.0 104.6

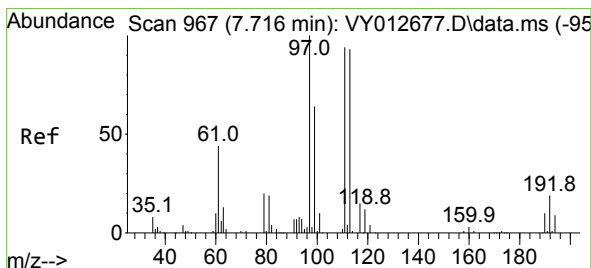
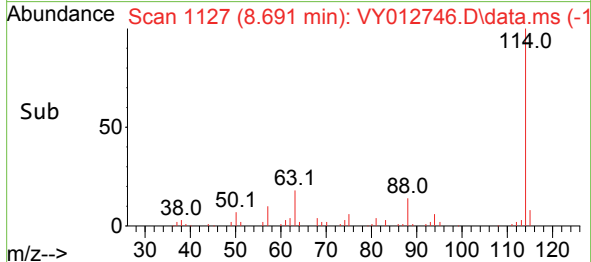
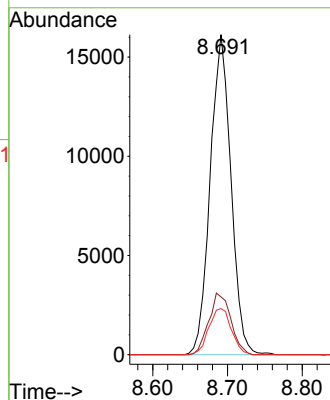
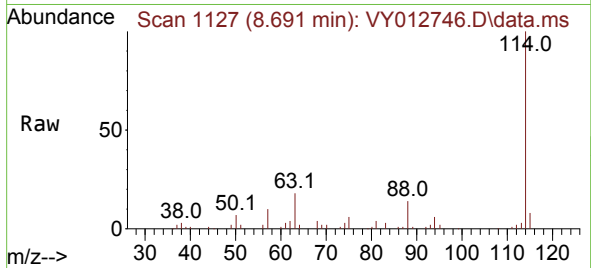




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VY012746.D
Acq: 01 Mar 2023 13:17

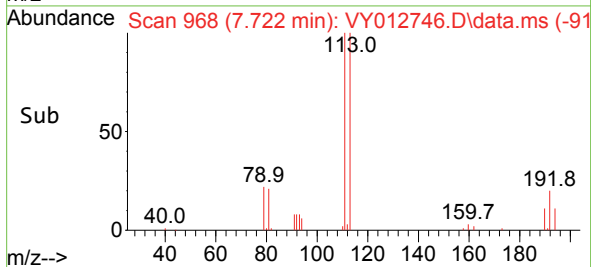
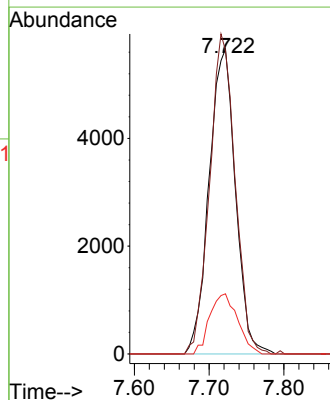
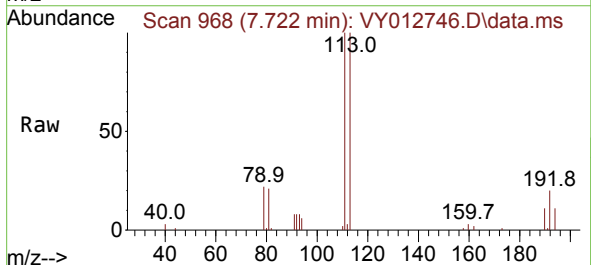
Instrument :
MSVOA_Y
ClientSampleId :
EO-01-022723

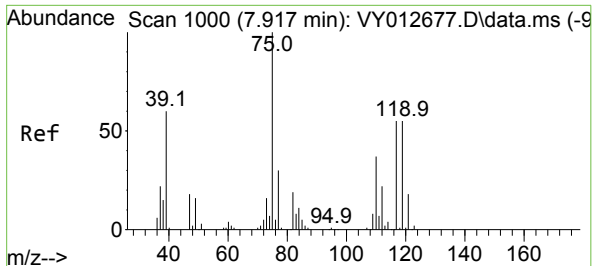
Tgt Ion:114 Resp: 31066
Ion Ratio Lower Upper
114 100
63 18.1 0.0 42.8
88 14.4 0.0 29.6



#35
Dibromofluoromethane
Concen: 66.201 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY012746.D
Acq: 01 Mar 2023 13:17

Tgt Ion:113 Resp: 13891
Ion Ratio Lower Upper
113 100
111 101.0 82.0 123.0
192 20.9 16.2 24.2

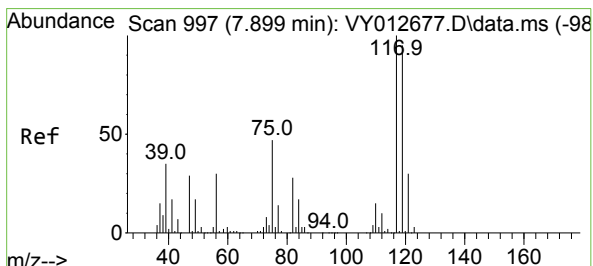
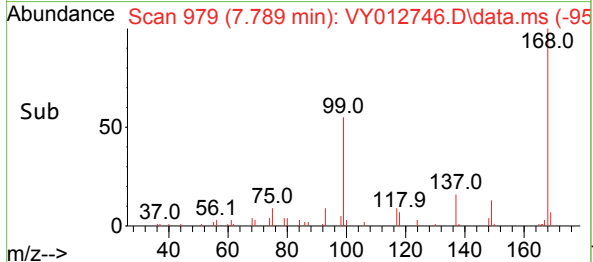
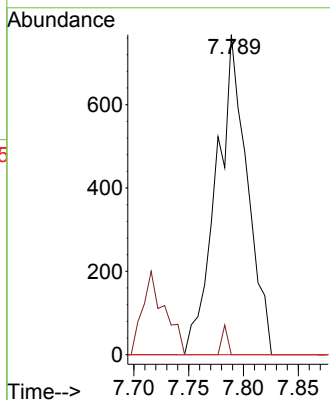
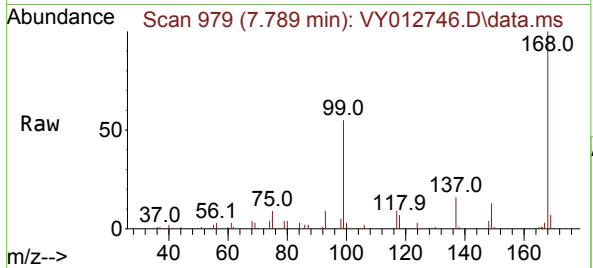




#36
 1,1-Dichloropropene
 Concen: 4.522 ug/l
 RT: 7.789 min Scan# 91
 Delta R.T. -0.128 min
 Lab File: VY012746.D
 Acq: 01 Mar 2023 13:17

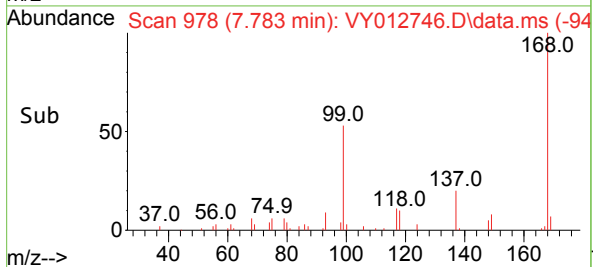
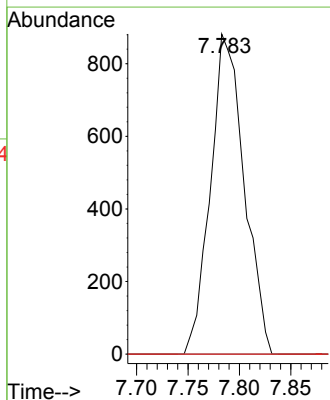
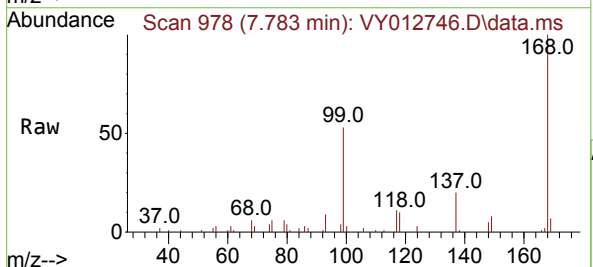
Instrument :
 MSVOA_Y
 ClientSampleId :
 EO-01-022723

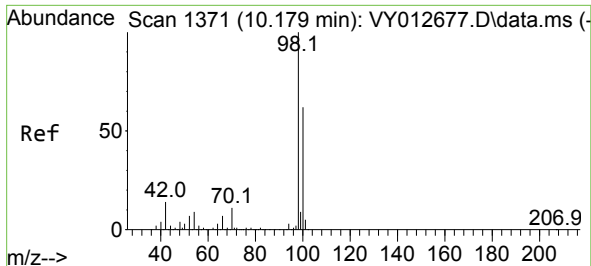
Tgt Ion: 75 Resp: 1504
 Ion Ratio Lower Upper
 75 100
 110 1.7 17.6 52.8#
 77 0.0 24.6 37.0#



#38
 Carbon Tetrachloride
 Concen: 5.850 ug/l
 RT: 7.783 min Scan# 978
 Delta R.T. -0.116 min
 Lab File: VY012746.D
 Acq: 01 Mar 2023 13:17

Tgt Ion: 117 Resp: 2012
 Ion Ratio Lower Upper
 117 100
 119 0.0 75.5 113.3#
 121 0.0 23.8 35.8#

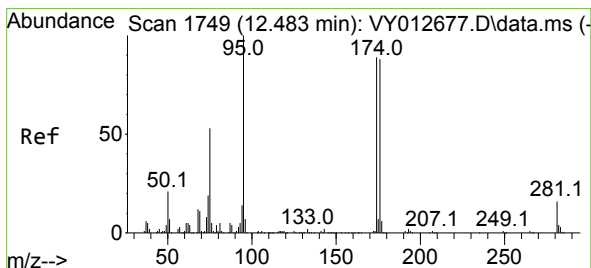
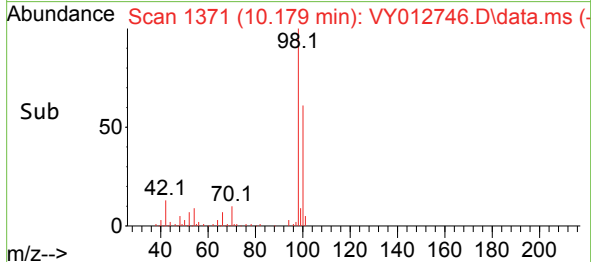
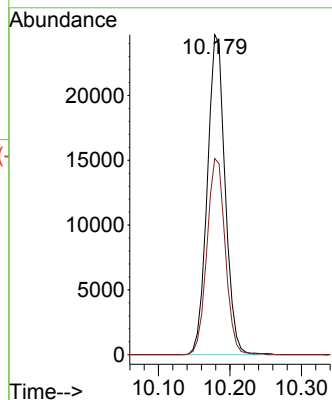
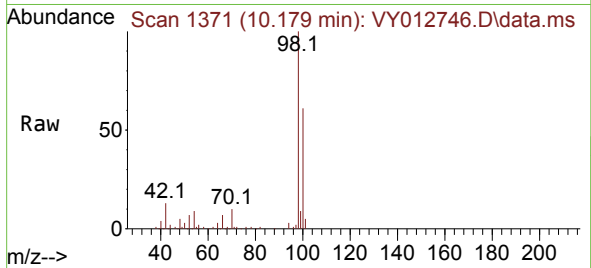




#50
Toluene-d8
Concen: 54.188 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012746.D
Acq: 01 Mar 2023 13:17

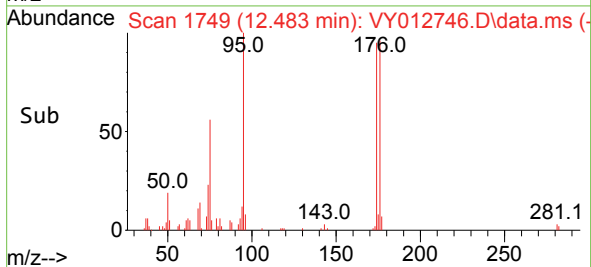
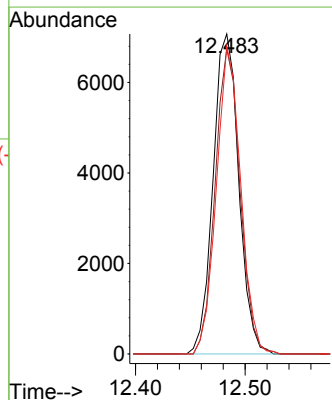
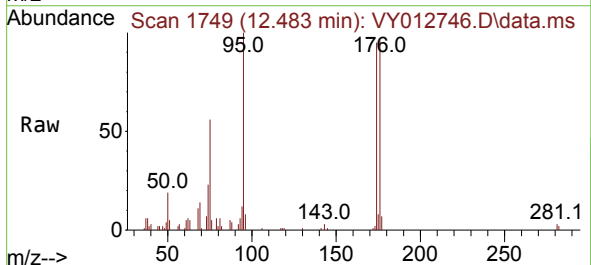
Instrument :
MSVOA_Y
ClientSampleId :
EO-01-022723

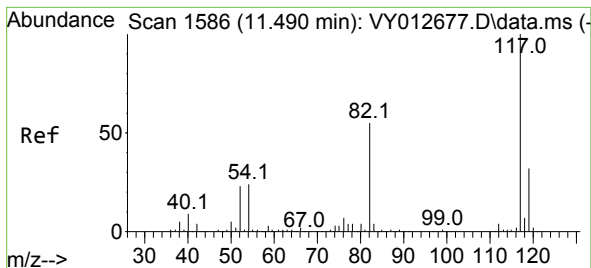
Tgt Ion: 98 Resp: 42598
Ion Ratio Lower Upper
98 100
100 63.1 51.2 76.8



#62
4-Bromofluorobenzene
Concen: 45.822 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012746.D
Acq: 01 Mar 2023 13:17

Tgt Ion: 95 Resp: 11527
Ion Ratio Lower Upper
95 100
174 92.2 0.0 172.8
176 91.1 0.0 169.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.001 min

Lab File: VY012746.D

Acq: 01 Mar 2023 13:17

Instrument :

MSVOA_Y

ClientSampleId :

EO-01-022723

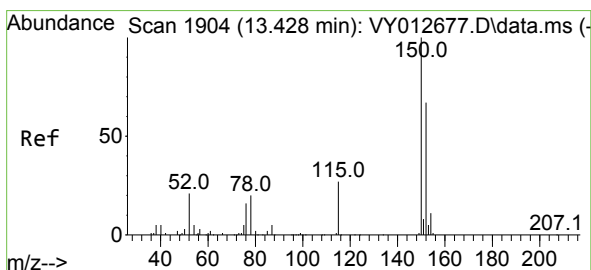
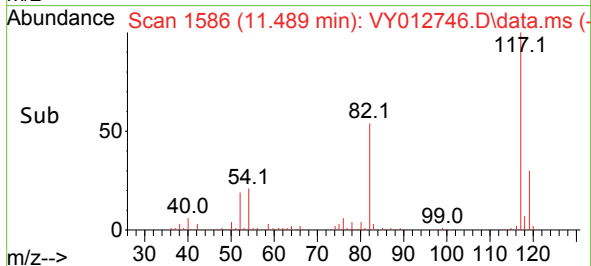
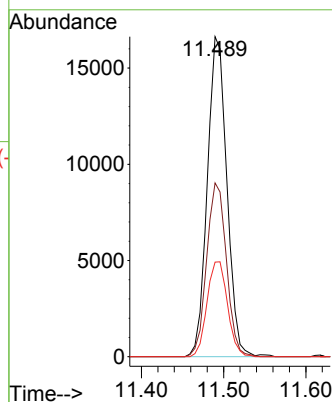
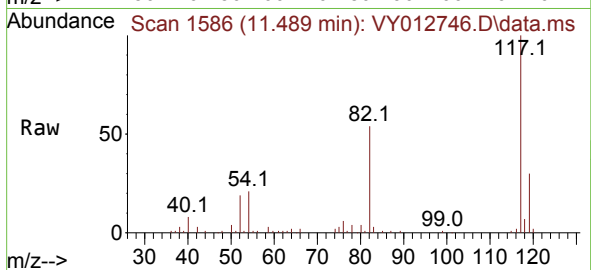
Tgt Ion:117 Resp: 27456

Ion Ratio Lower Upper

117 100

82 54.3 44.1 66.1

119 29.5 25.5 38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY012746.D

Acq: 01 Mar 2023 13:17

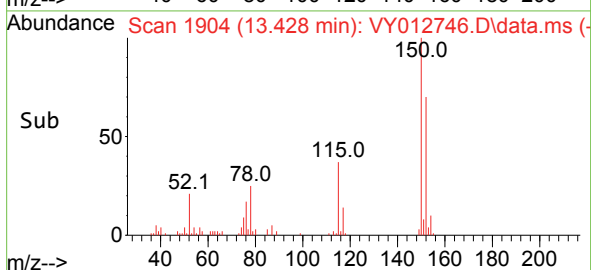
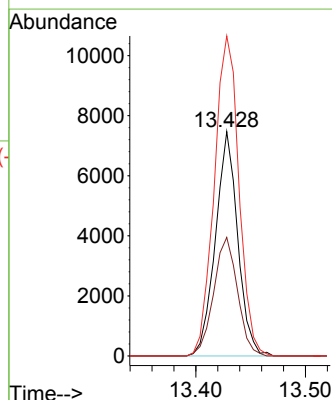
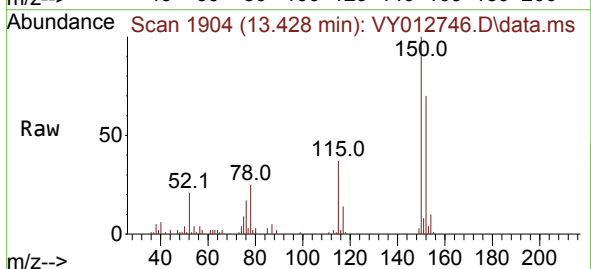
Tgt Ion:152 Resp: 10567

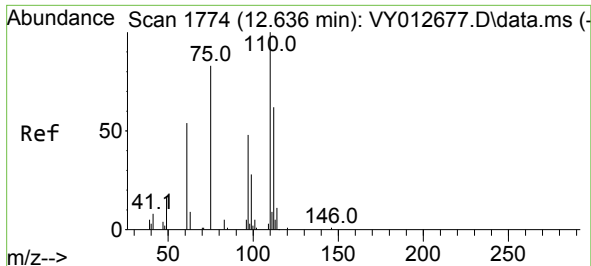
Ion Ratio Lower Upper

152 100

115 56.5 28.7 86.3

150 157.5 0.0 347.6

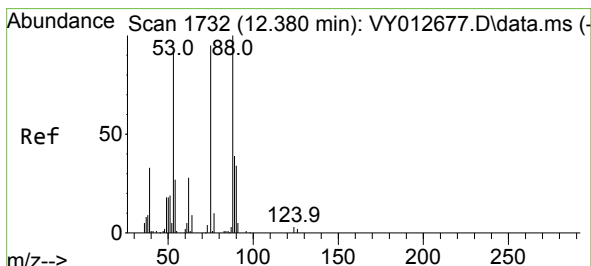
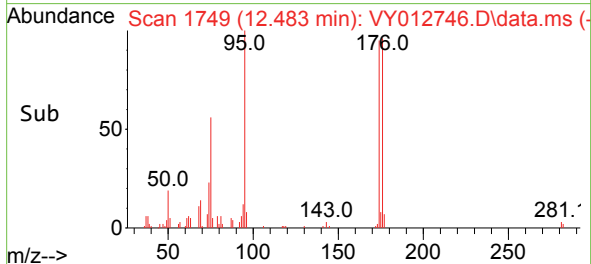
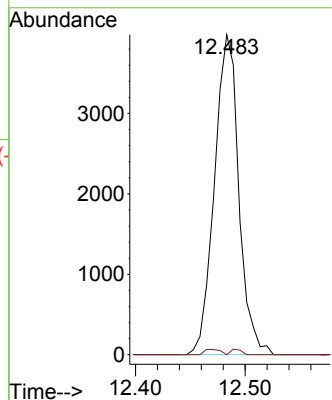
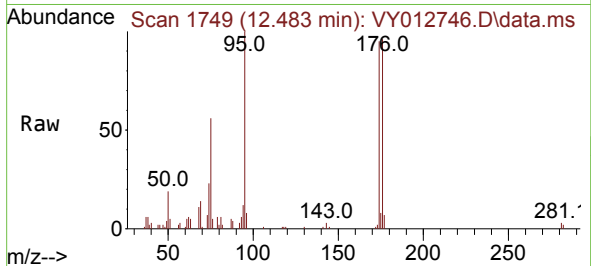




#76
1,2,3-Trichloropropane
Concen: 46.616 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY012746.D
Acq: 01 Mar 2023 13:17

Instrument :
MSVOA_Y
ClientSampleId :
EO-01-022723

Tgt Ion: 75 Resp: 6141
Ion Ratio Lower Upper
75 100
77 0.7 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 98.756 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY012746.D
Acq: 01 Mar 2023 13:17

Tgt Ion: 75 Resp: 6141
Ion Ratio Lower Upper
75 100
53 0.0 80.4 120.6#
89 0.0 36.5 54.7#

