

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060123\
 Data File : VY013967.D
 Acq On : 01 Jun 2023 16:28
 Operator : KP/MD
 Sample : 02980-01RE
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EO-01-05302023

Quant Time: Jun 02 07:27:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060123S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 02 07:00:14 2023
 Response via : Initial Calibration

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

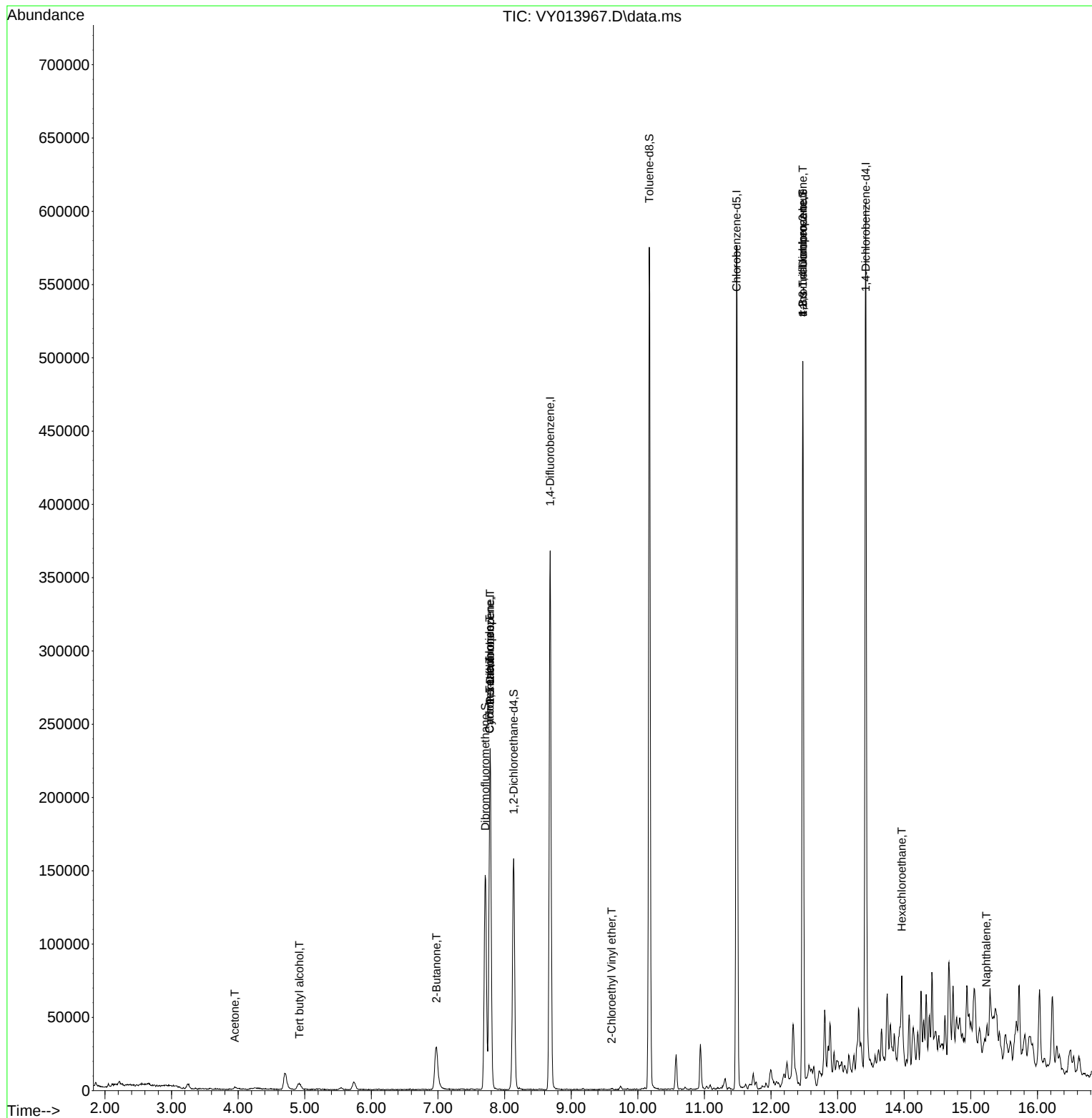
Internal Standards						
1) Pentafluorobenzene	7.782	168	178964	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	302877	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	300686	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	146309	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	129812	54.795	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.580%	
35) Dibromofluoromethane	7.709	113	101335	52.647	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.300%	
50) Toluene-d8	10.172	98	369607	50.341	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.680%	
62) 4-Bromofluorobenzene	12.477	95	133084	53.169	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 106.340%	
Target Compounds						Qvalue
11) Tert butyl alcohol	4.917	59	4299	8.830	ug/l #	90
16) Acetone	3.948	43	1498	1.848	ug/l #	70
20) Methylene Chloride	4.704	84	7900	Below Cal		93
25) 2-Butanone	6.978	43	1583	1.568	ug/l #	78
31) Cyclohexane	7.776	56	4125	1.446	ug/l #	23
36) 1,1-Dichloropropene	7.782	75	13491	4.920	ug/l #	52
38) Carbon Tetrachloride	7.776	117	17612	5.731	ug/l #	16
58) 2-Chloroethyl Vinyl ether	9.605	63	24	23.123	ug/l #	48
76) 1,2,3-Trichloropropane	12.477	75	75262	38.226	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	75262	81.097	ug/l #	11
90) Hexachloroethane	13.964	117	2075	1.162	ug/l #	8
95) Naphthalene	15.232	128	4858	4.537	ug/l #	93

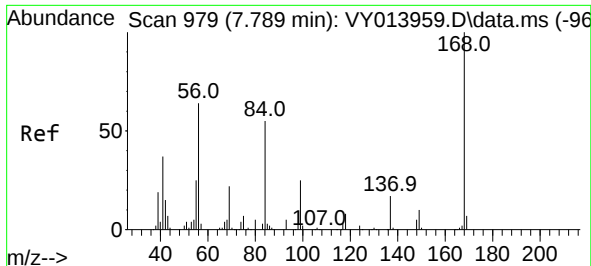
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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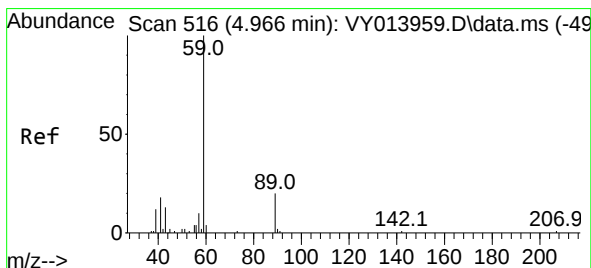
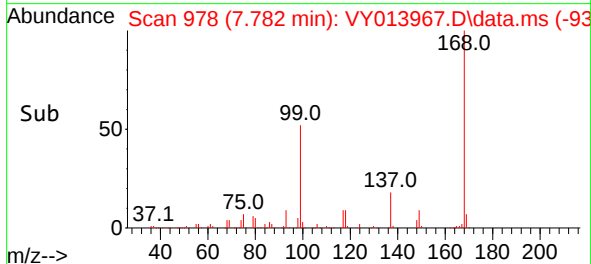
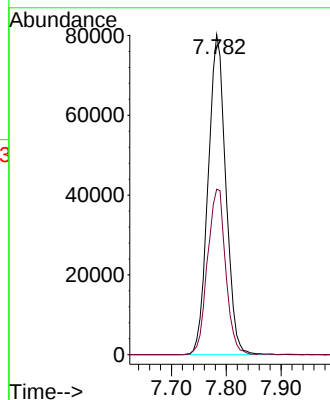
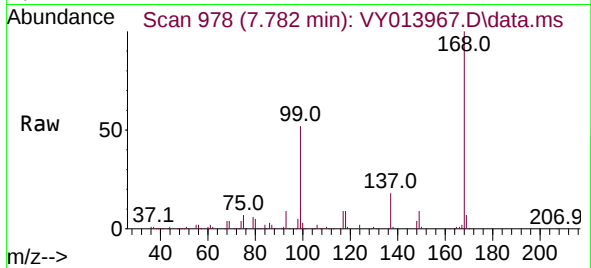




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.782 min Scan# 91
Delta R.T. -0.007 min
Lab File: VY013967.D
Acq: 01 Jun 2023 16:28

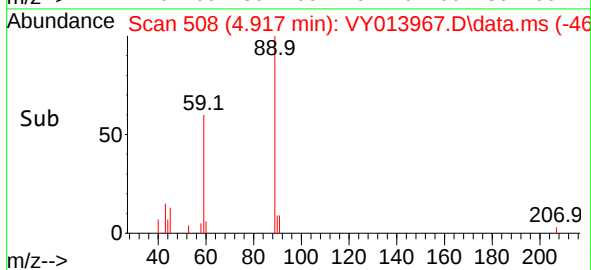
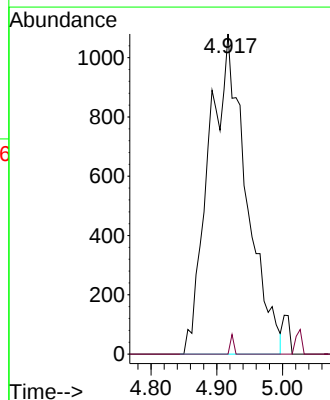
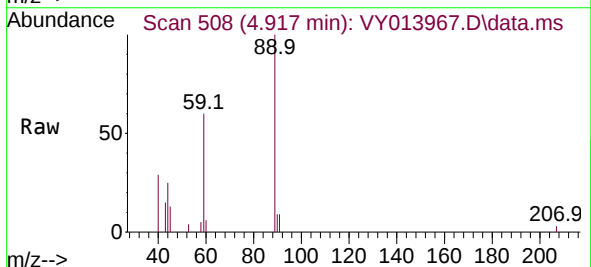
Instrument :
MSVOA_Y
ClientSampleId :
EO-01-05302023

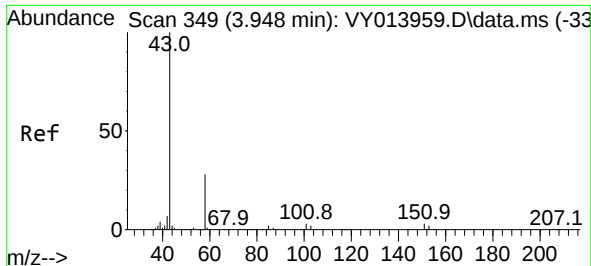
Tgt Ion:168 Resp: 178964
Ion Ratio Lower Upper
168 100
99 51.7 43.4 65.0



#11
Tert butyl alcohol
Concen: 8.830 ug/l
RT: 4.917 min Scan# 508
Delta R.T. -0.049 min
Lab File: VY013967.D
Acq: 01 Jun 2023 16:28

Tgt Ion: 59 Resp: 4299
Ion Ratio Lower Upper
59 100
57 0.6 3.0 4.4#

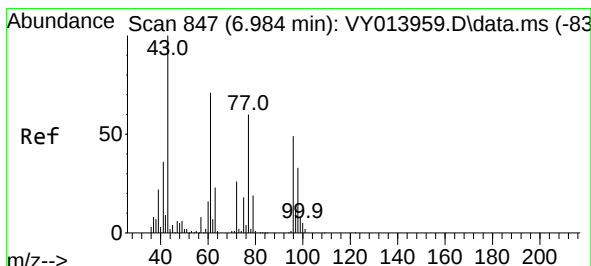
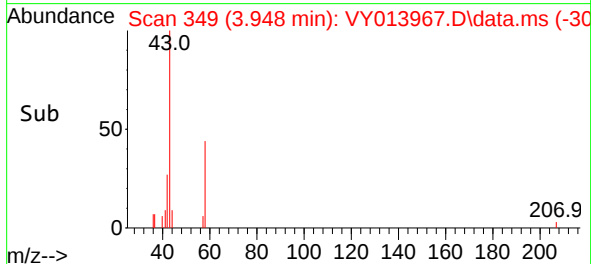
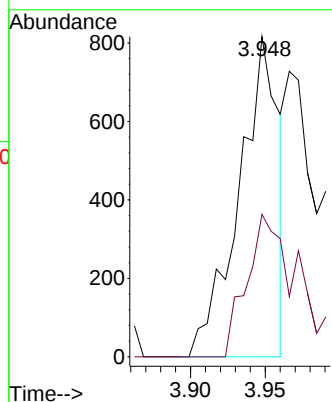
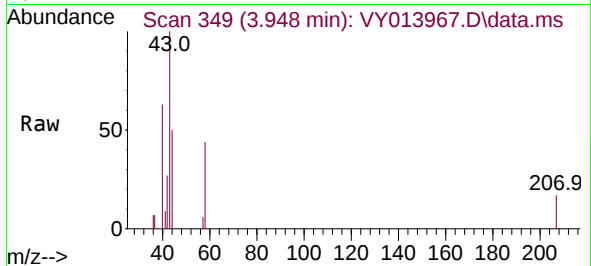




#16
Acetone
Concen: 1.848 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.001 min
Lab File: VY013967.D
Acq: 01 Jun 2023 16:28

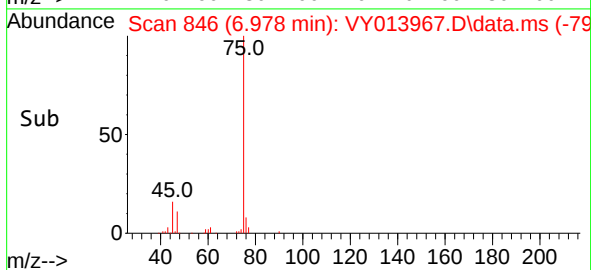
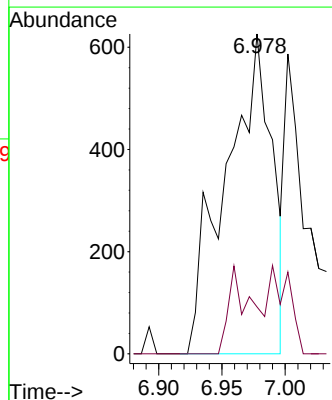
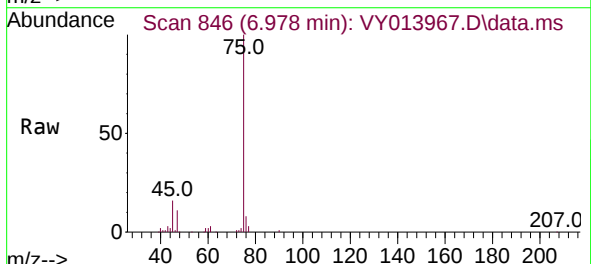
Instrument : MSVOA_Y
ClientSampleId : EO-01-05302023

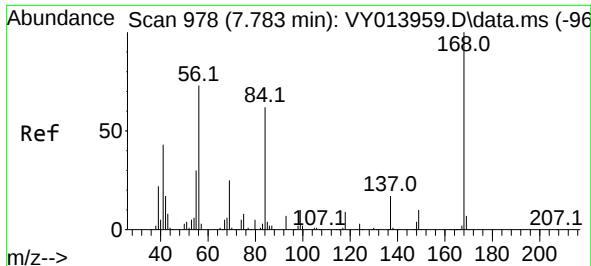
Tgt Ion: 43 Resp: 1498
Ion Ratio Lower Upper
43 100
58 44.5 22.7 34.1#



#25
2-Butanone
Concen: 1.568 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.007 min
Lab File: VY013967.D
Acq: 01 Jun 2023 16:28

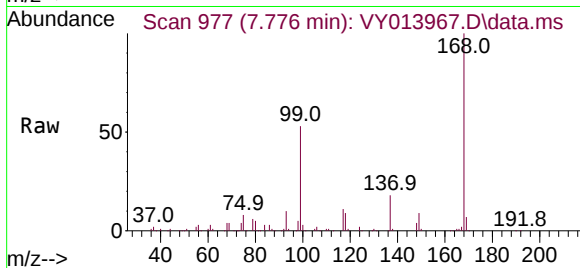
Tgt Ion: 43 Resp: 1583
Ion Ratio Lower Upper
43 100
72 14.7 20.5 30.7#



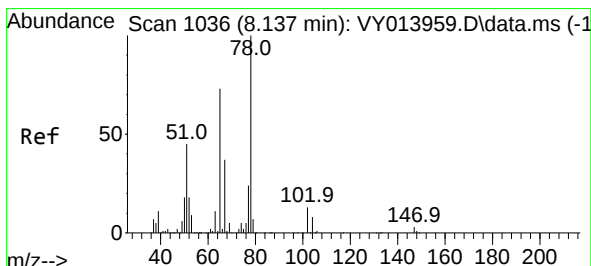
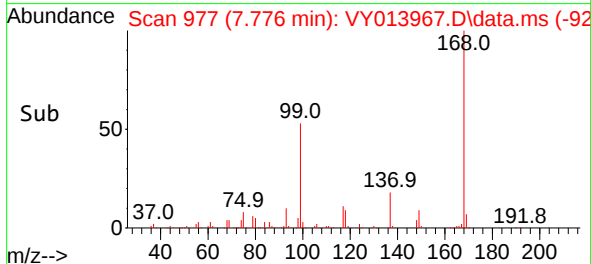
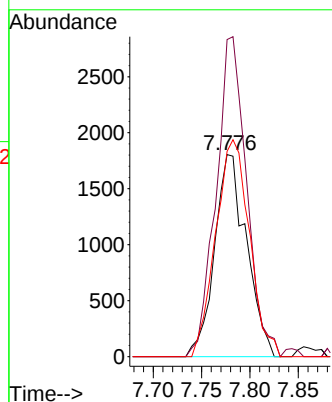


#31
Cyclohexane
Concen: 1.446 ug/l
RT: 7.776 min Scan# 91
Delta R.T. -0.007 min
Lab File: VY013967.D
Acq: 01 Jun 2023 16:28

Instrument :
MSVOA_Y
ClientSampleId :
EO-01-05302023

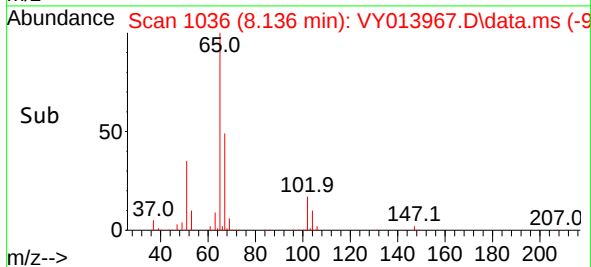
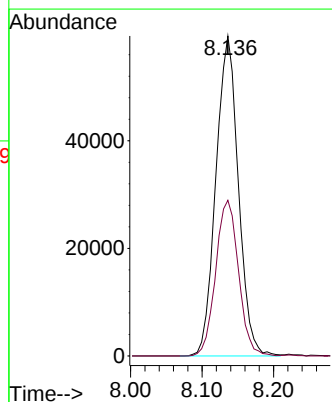
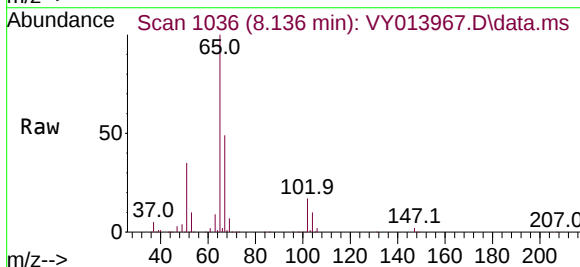


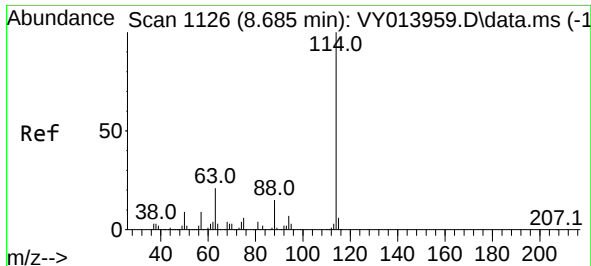
Tgt Ion: 56 Resp: 4125
Ion Ratio Lower Upper
56 100
69 157.0 27.8 41.6#
84 101.6 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 54.795 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.001 min
Lab File: VY013967.D
Acq: 01 Jun 2023 16:28

Tgt Ion: 65 Resp: 129812
Ion Ratio Lower Upper
65 100
67 49.4 0.0 101.8

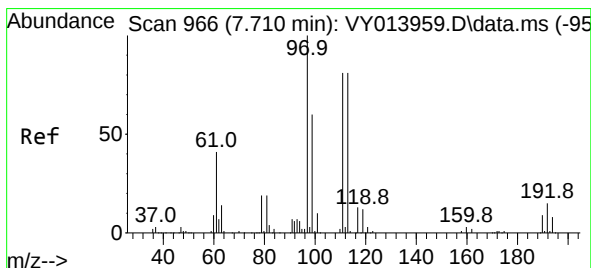
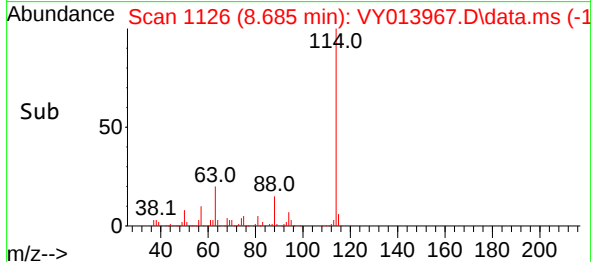
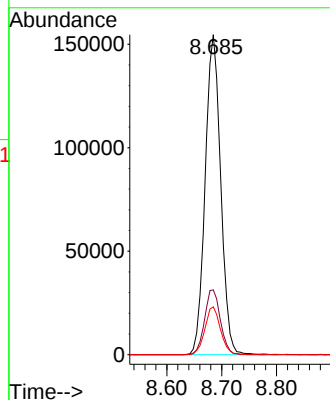
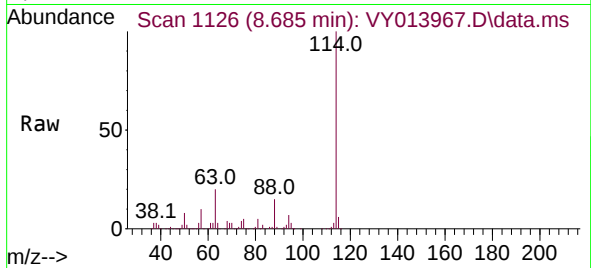




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VY013967.D
Acq: 01 Jun 2023 16:28

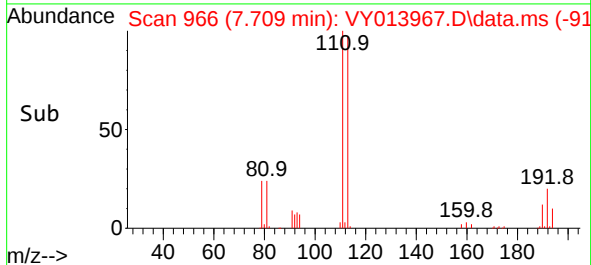
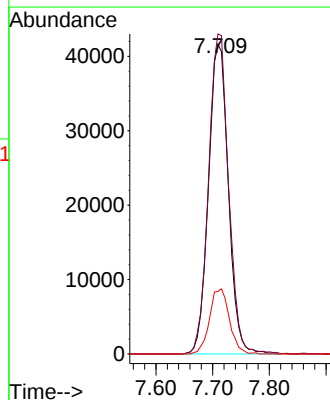
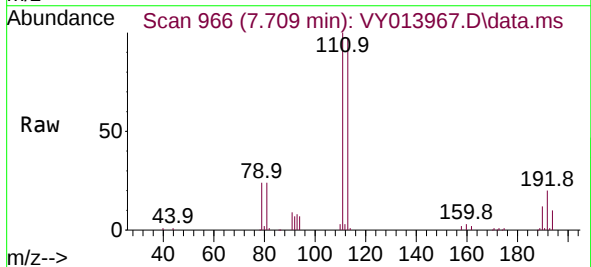
Instrument :
MSVOA_Y
ClientSampleId :
EO-01-05302023

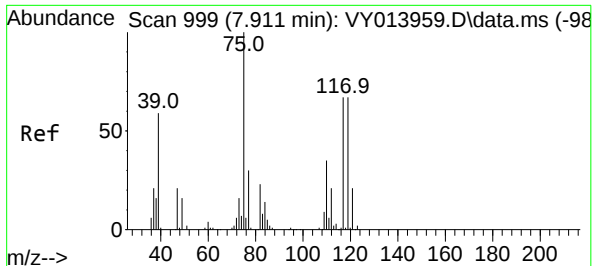
Tgt Ion:	114	Resp:	302877
Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	42.4
88	14.9	0.0	30.6



#35
Dibromofluoromethane
Concen: 52.647 ug/l
RT: 7.709 min Scan# 966
Delta R.T. -0.001 min
Lab File: VY013967.D
Acq: 01 Jun 2023 16:28

Tgt Ion:	113	Resp:	101335
Ion	Ratio	Lower	Upper
113	100		
111	104.3	81.3	121.9
192	21.1	16.9	25.3





#36

1,1-Dichloropropene

Concen: 4.920 ug/l

RT: 7.782 min Scan# 91

Delta R.T. -0.129 min

Lab File: VY013967.D

Acq: 01 Jun 2023 16:28

Instrument :

MSVOA_Y

ClientSampleId :

EO-01-05302023

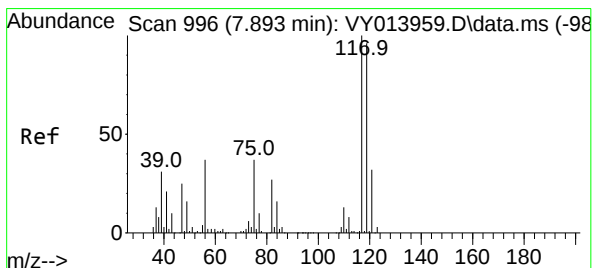
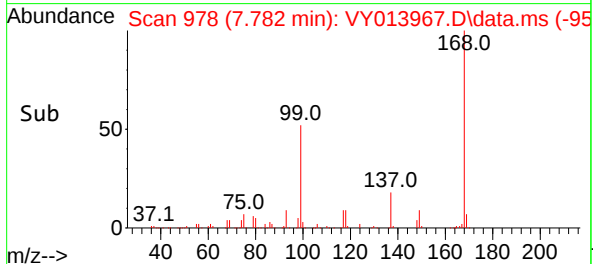
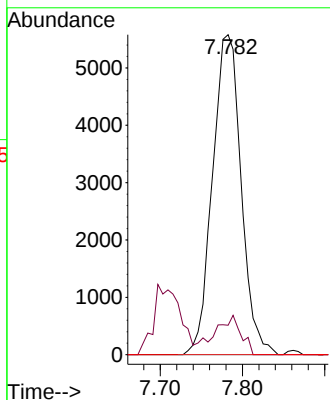
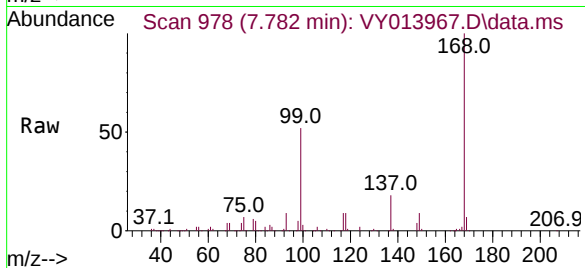
Tgt Ion: 75 Resp: 13491

Ion Ratio Lower Upper

75 100

110 11.0 17.8 53.5#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.731 ug/l

RT: 7.776 min Scan# 977

Delta R.T. -0.116 min

Lab File: VY013967.D

Acq: 01 Jun 2023 16:28

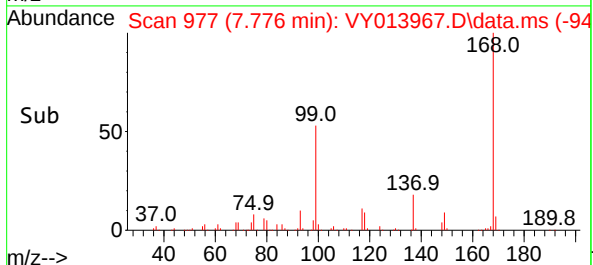
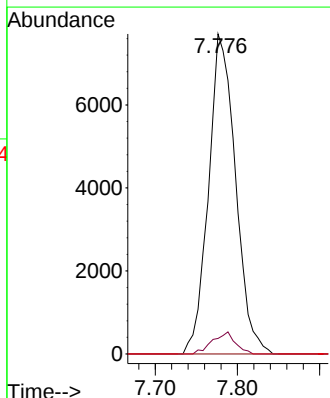
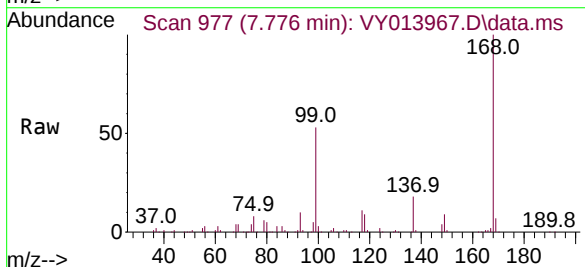
Tgt Ion: 117 Resp: 17612

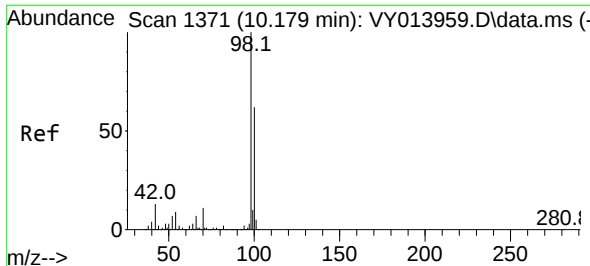
Ion Ratio Lower Upper

117 100

119 4.9 76.4 114.6#

121 0.0 25.8 38.6#

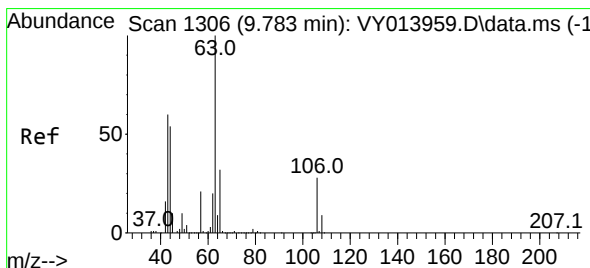
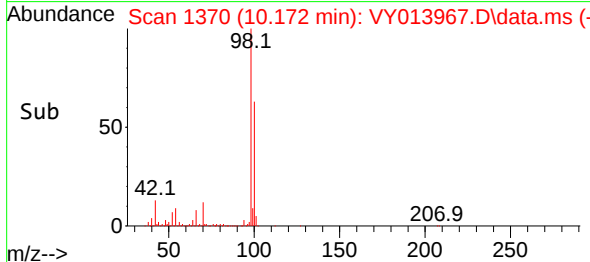
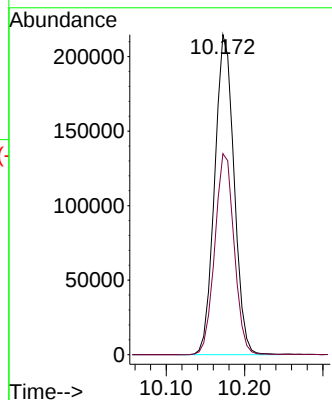
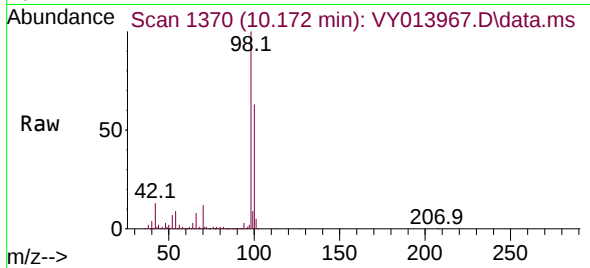




#50
Toluene-d8
Concen: 50.341 ug/l
RT: 10.172 min Scan# 11
Delta R.T. -0.007 min
Lab File: VY013967.D
Acq: 01 Jun 2023 16:28

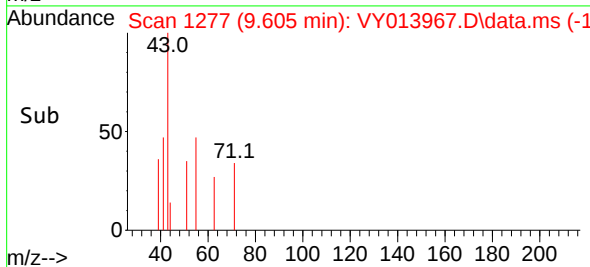
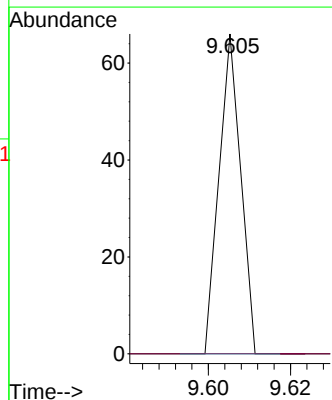
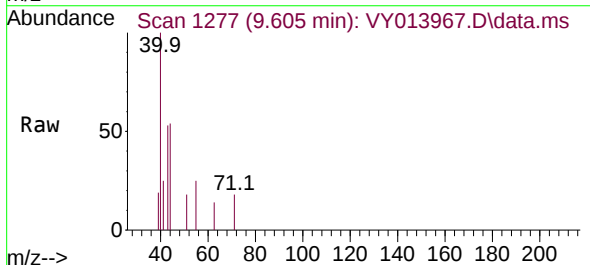
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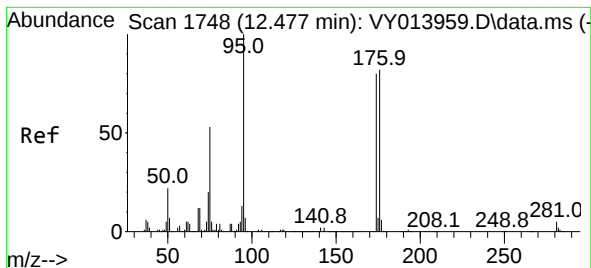
Tgt Ion: 98 Resp: 369607
Ion Ratio Lower Upper
98 100
100 62.6 50.1 75.1



#58
2-Chloroethyl Vinyl ether
Concen: 23.123 ug/l
RT: 9.605 min Scan# 1277
Delta R.T. -0.178 min
Lab File: VY013967.D
Acq: 01 Jun 2023 16:28

Tgt Ion: 63 Resp: 24
Ion Ratio Lower Upper
63 100
106 0.0 21.2 31.8#

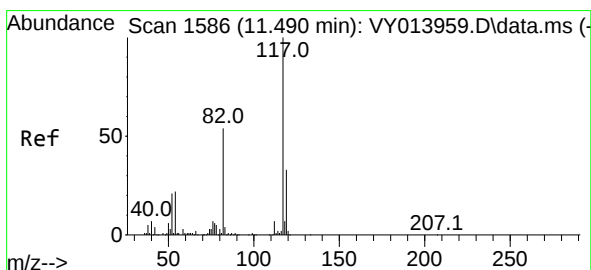
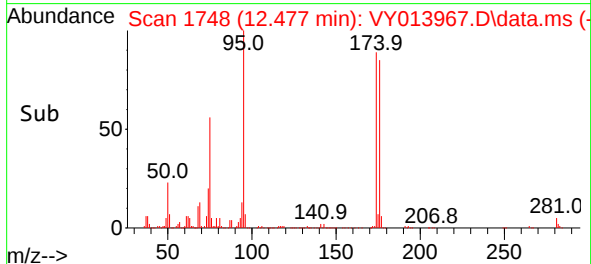
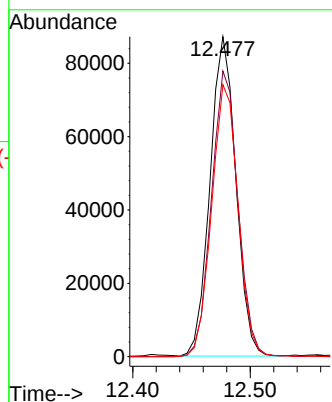
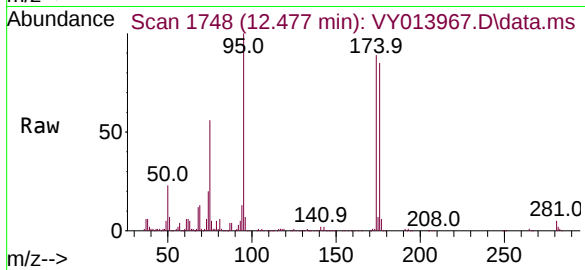




#62
4-Bromofluorobenzene
Concen: 53.169 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY013967.D
Acq: 01 Jun 2023 16:28

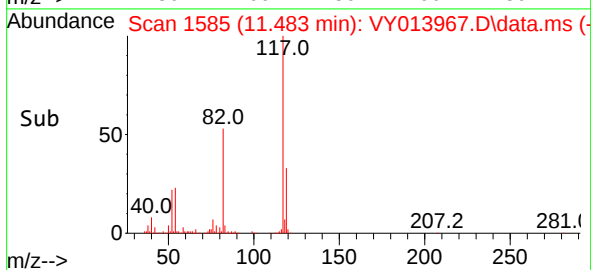
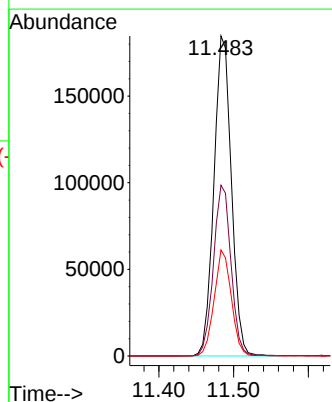
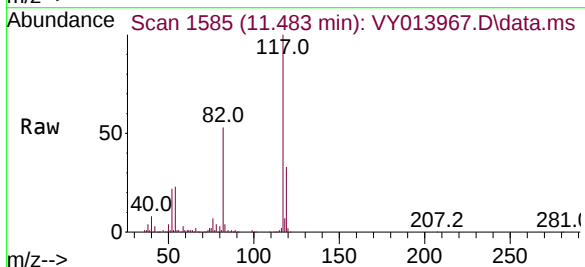
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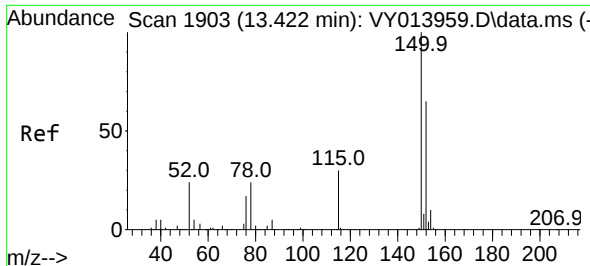
Tgt Ion: 95 Resp: 133084
Ion Ratio Lower Upper
95 100
174 91.6 0.0 178.2
176 87.5 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 1585
Delta R.T. -0.007 min
Lab File: VY013967.D
Acq: 01 Jun 2023 16:28

Tgt Ion: 117 Resp: 300686
Ion Ratio Lower Upper
117 100
82 53.4 43.4 65.0
119 33.1 26.3 39.5

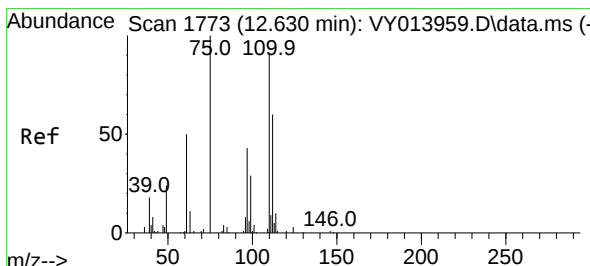
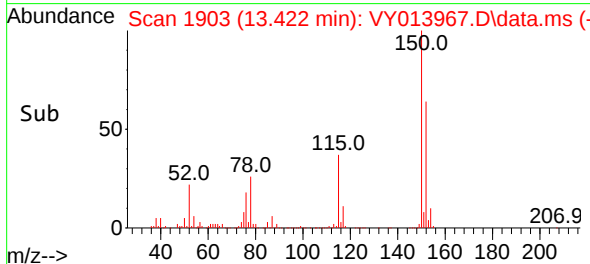
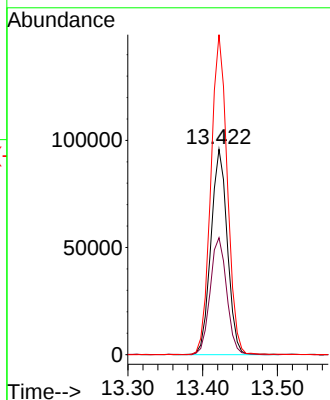
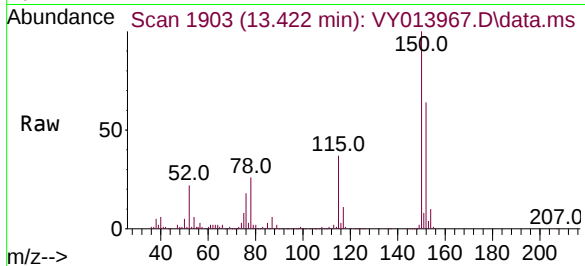




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY013967.D
Acq: 01 Jun 2023 16:28

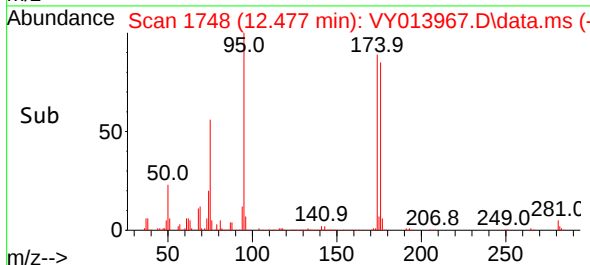
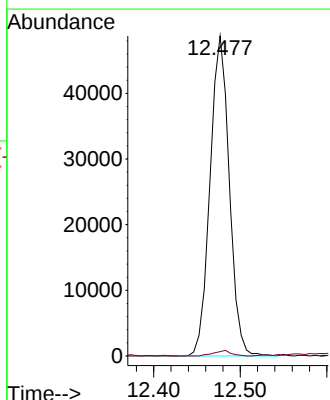
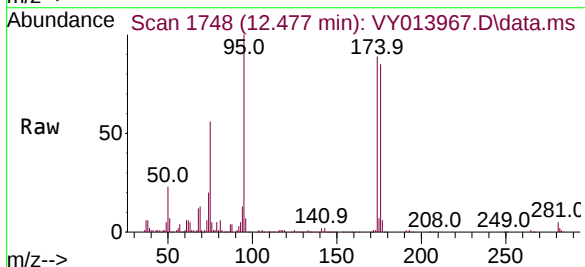
Instrument :
MSVOA_Y
ClientSampleId :
EO-01-05302023

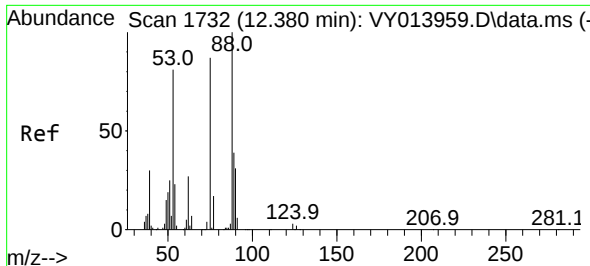
Tgt Ion:152 Resp: 146309
Ion Ratio Lower Upper
152 100
115 57.3 28.8 86.5
150 156.0 0.0 348.8



#76
1,2,3-Trichloropropane
Concen: 38.226 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY013967.D
Acq: 01 Jun 2023 16:28

Tgt Ion: 75 Resp: 75262
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#

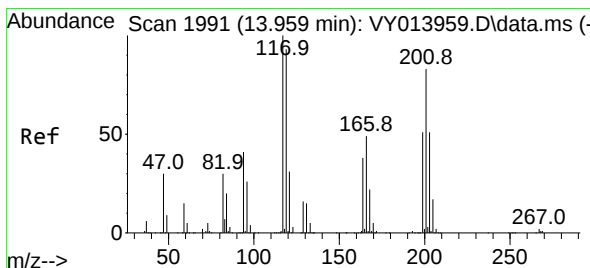
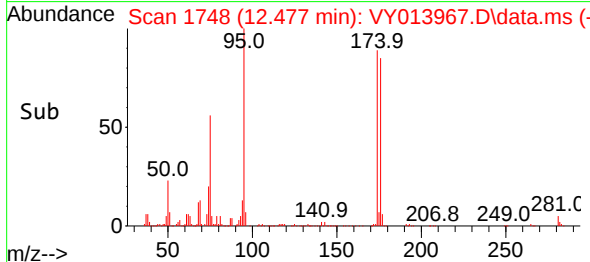
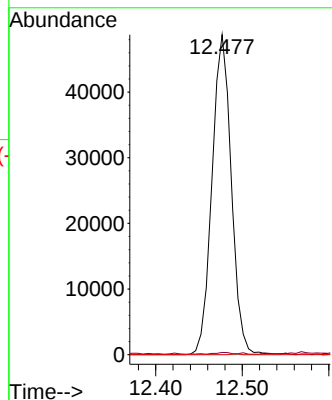
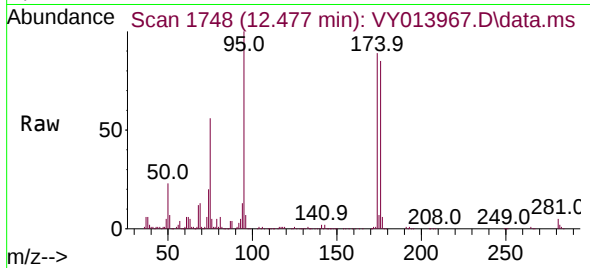




#81
trans-1,4-Dichloro-2-butene
Concen: 81.097 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.097 min
Lab File: VY013967.D
Acq: 01 Jun 2023 16:28

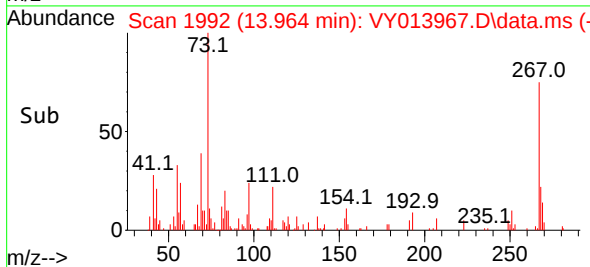
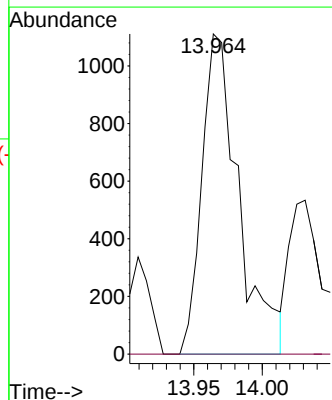
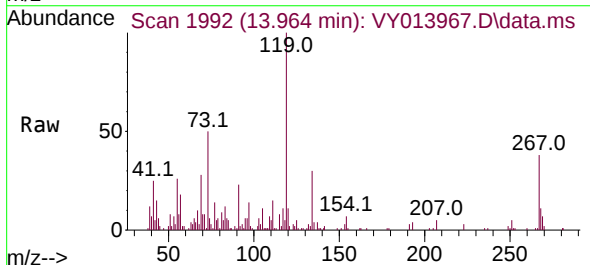
Instrument :
MSVOA_Y
ClientSampleId :
EO-01-05302023

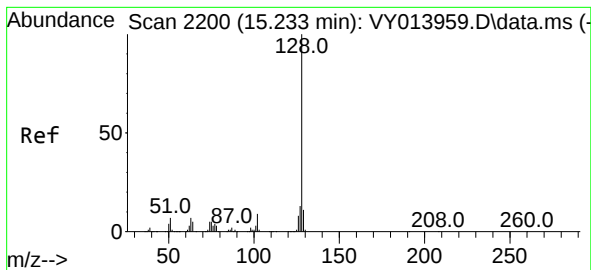
Tgt Ion: 75 Resp: 75262
Ion Ratio Lower Upper
75 100
53 0.4 77.8 116.8#
89 0.1 37.4 56.0#



#90
Hexachloroethane
Concen: 1.162 ug/l
RT: 13.964 min Scan# 1992
Delta R.T. 0.006 min
Lab File: VY013967.D
Acq: 01 Jun 2023 16:28

Tgt Ion: 117 Resp: 2075
Ion Ratio Lower Upper
117 100
201 0.0 41.6 124.8#





#95

Naphthalene

Concen: 4.537 ug/l

RT: 15.232 min Scan# 21

Delta R.T. -0.001 min

Lab File: VY013967.D

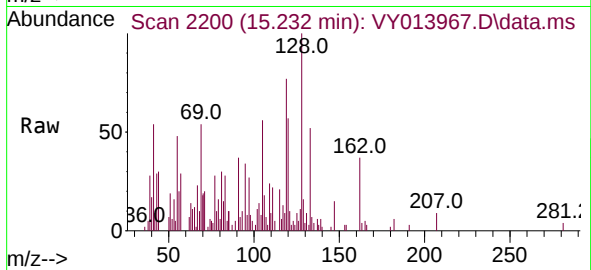
Acq: 01 Jun 2023 16:28

Instrument :

MSVOA_Y

ClientSampleId :

EO-01-05302023



Tgt Ion:	128	Resp:	4858
Ion	Ratio	Lower	Upper
128	100		
127	16.2	10.8	16.2
129	7.7	8.6	13.0

