

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072622\
 Data File : VY009705.D
 Acq On : 26 Jul 2022 17:11
 Operator : KP/MD
 Sample : N3855-03
 Misc : 4.56g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EO-03-072222

Quant Time: Jul 27 04:27:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y072622S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 27 04:24:58 2022
 Response via : Initial Calibration

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

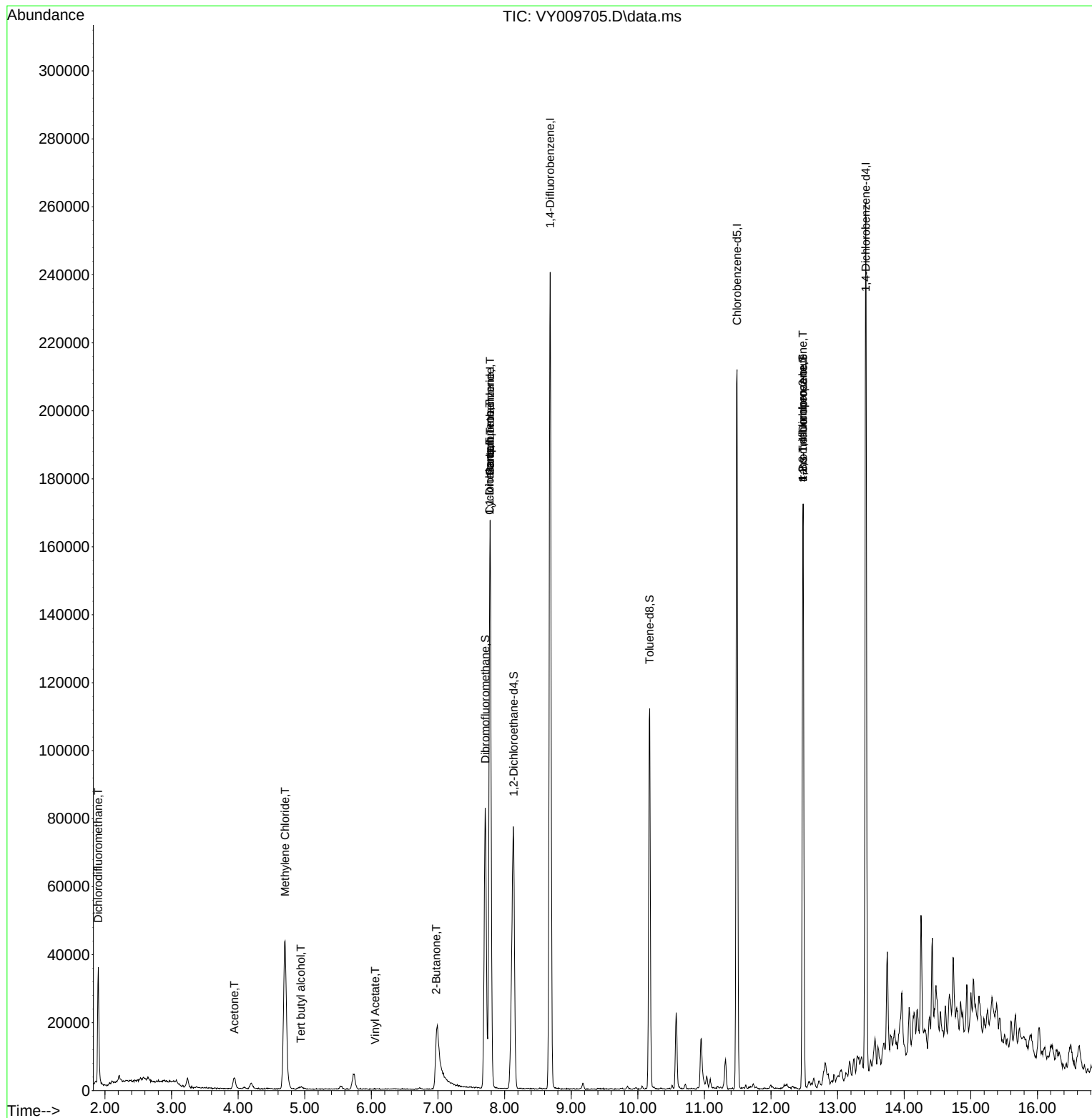
Internal Standards						
1) Pentafluorobenzene	7.783	168	135015	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	211651	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	120482	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	69841	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	48419	54.326	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.660%	
35) Dibromofluoromethane	7.710	113	56813	49.355	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 98.700%	
50) Toluene-d8	10.179	98	74080	19.510	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	= 39.020%#	
62) 4-Bromofluorobenzene	12.477	95	47080	30.845	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	= 61.680%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.900	85	26639	22.163	ug/l	98
11) Tert butyl alcohol	4.942	59	1226	8.443	ug/l #	82
16) Acetone	3.942	43	5880	18.215	ug/l	99
18) Methyl Acetate	4.472	43	212	Below Cal	#	56
20) Methylene Chloride	4.704	84	33606	14.885	ug/l #	83
23) Vinyl Acetate	6.058	43	46	7.491	ug/l #	75
25) 2-Butanone	6.972	43	1968	4.133	ug/l	95
31) Cyclohexane	7.777	56	2555	1.189	ug/l #	1
36) 1,1-Dichloropropene	7.777	75	9669	5.162	ug/l #	50
38) Carbon Tetrachloride	7.783	117	12049	6.003	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	23499	36.224	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	23499	72.204	ug/l #	7

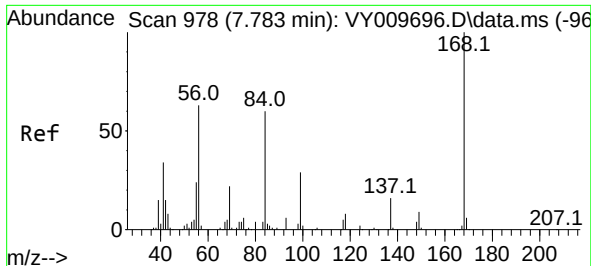
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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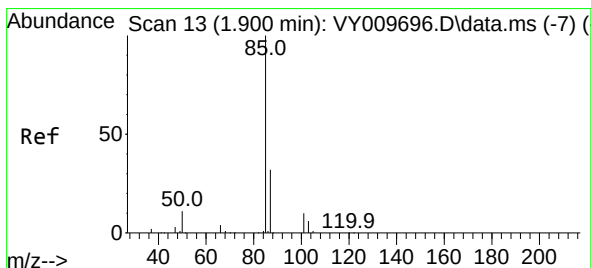
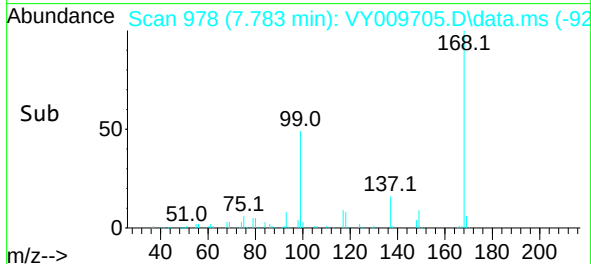
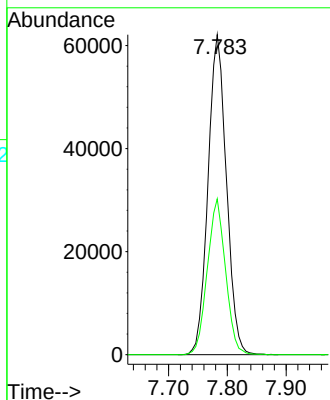
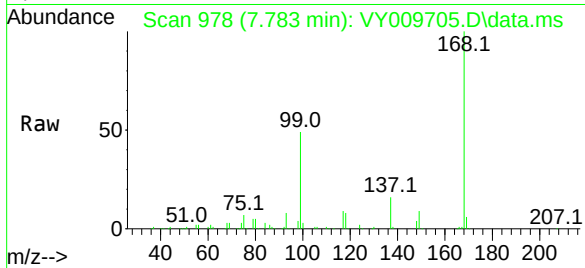




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009705.D
Acq: 26 Jul 2022 17:11

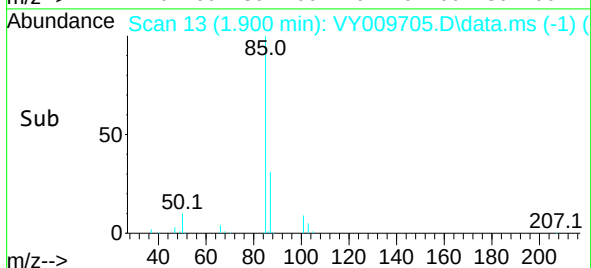
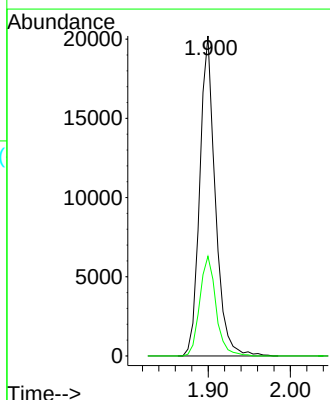
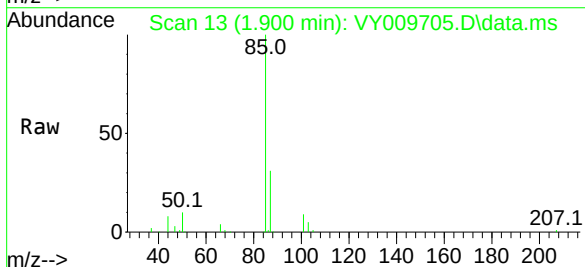
Instrument :
MSVOA_Y
ClientSampleId :
EO-03-072222

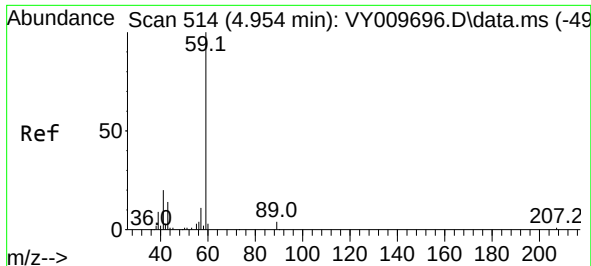
Tgt Ion:168 Resp: 135015
Ion Ratio Lower Upper
168 100
99 48.7 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 22.163 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY009705.D
Acq: 26 Jul 2022 17:11

Tgt Ion: 85 Resp: 26639
Ion Ratio Lower Upper
85 100
87 31.1 16.1 48.2





#11

Tert butyl alcohol

Concen: 8.443 ug/l

RT: 4.942 min Scan# 514

Delta R.T. -0.012 min

Lab File: VY009705.D

Acq: 26 Jul 2022 17:11

Instrument :

MSVOA_Y

ClientSampleId :

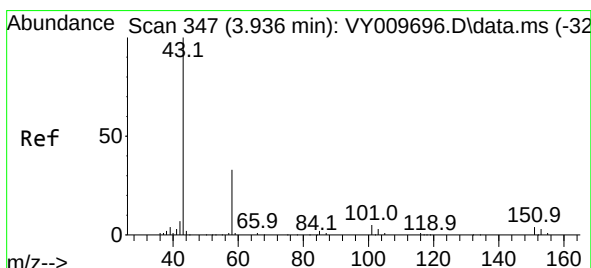
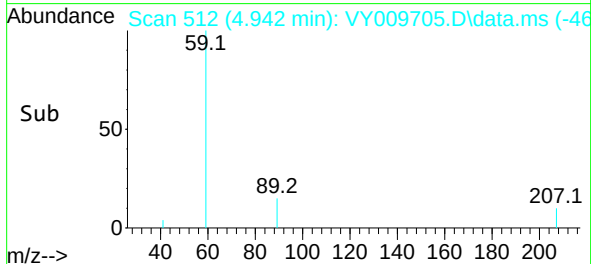
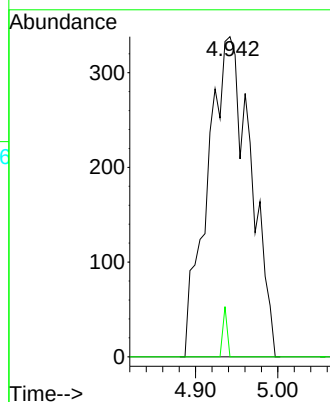
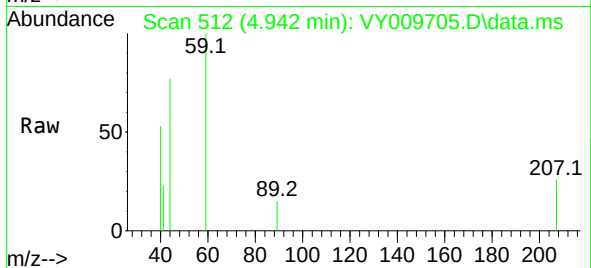
EO-03-072222

Tgt Ion: 59 Resp: 1226

Ion Ratio Lower Upper

59 100

57 1.5 6.4 9.6#



#16

Acetone

Concen: 18.215 ug/l

RT: 3.942 min Scan# 348

Delta R.T. 0.006 min

Lab File: VY009705.D

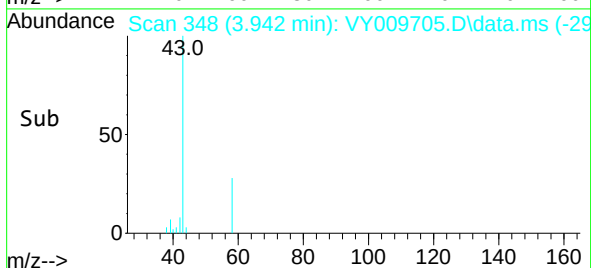
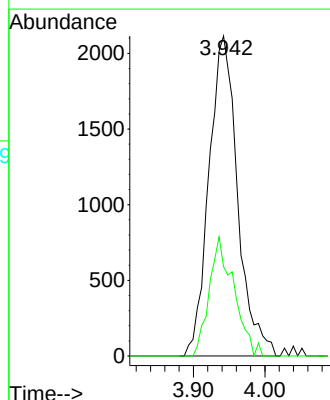
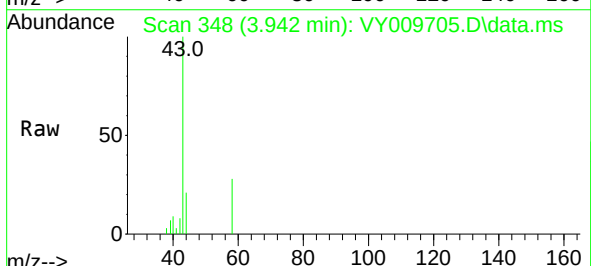
Acq: 26 Jul 2022 17:11

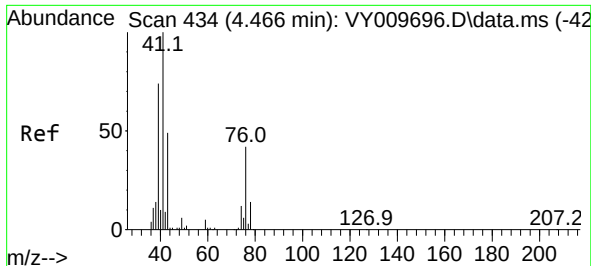
Tgt Ion: 43 Resp: 5880

Ion Ratio Lower Upper

43 100

58 27.9 22.0 33.0

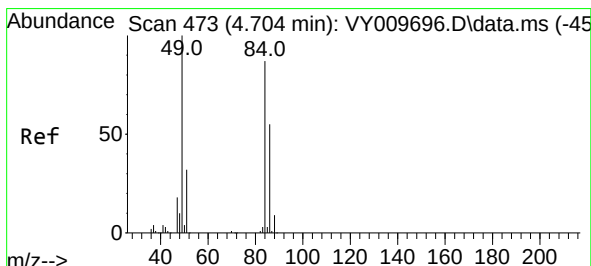
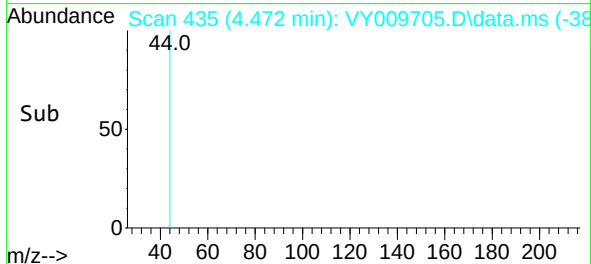
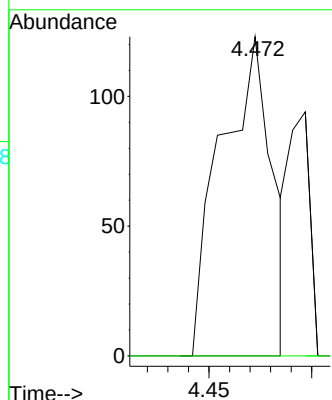
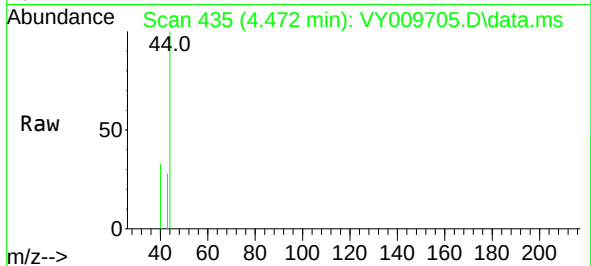




#18
Methyl Acetate
Concen: Below Cal
RT: 4.472 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY009705.D
Acq: 26 Jul 2022 17:11

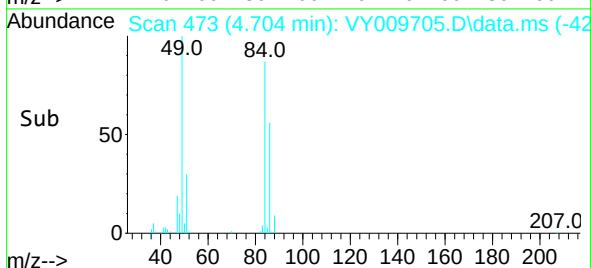
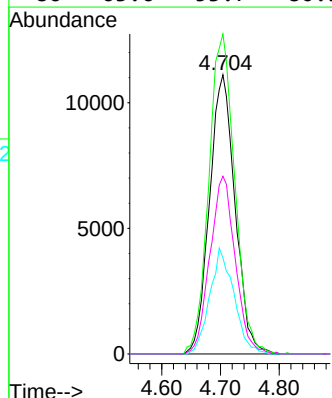
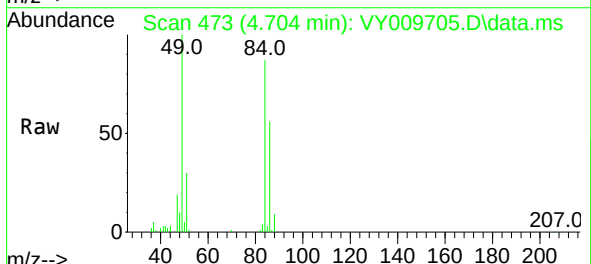
Instrument :
MSVOA_Y
ClientSampleId :
EO-03-072222

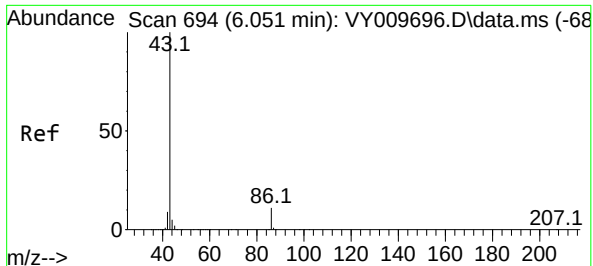
Tgt Ion: 43 Resp: 212
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



#20
Methylene Chloride
Concen: 14.885 ug/l
RT: 4.704 min Scan# 473
Delta R.T. 0.000 min
Lab File: VY009705.D
Acq: 26 Jul 2022 17:11

Tgt Ion: 84 Resp: 33606
Ion Ratio Lower Upper
84 100
49 114.6 114.4 171.6
51 34.5 35.3 52.9#
86 63.6 53.7 80.5

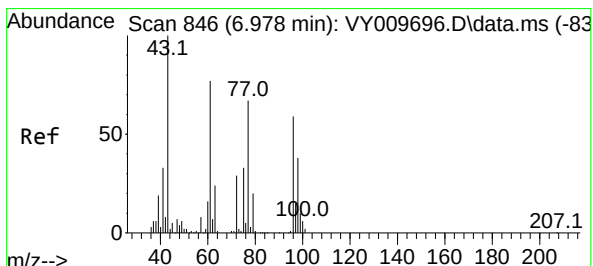
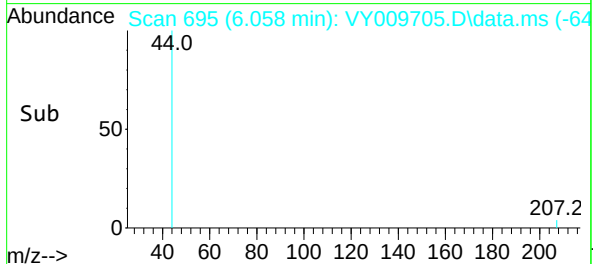
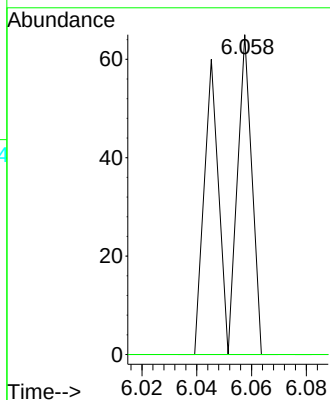
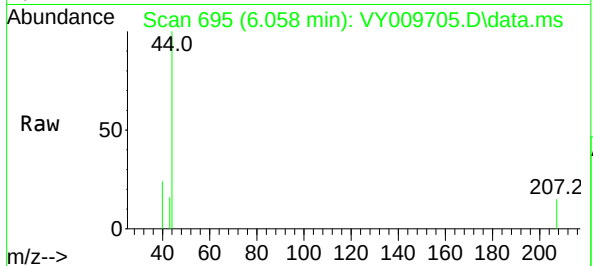




#23
 Vinyl Acetate
 Concen: 7.491 ug/l
 RT: 6.058 min Scan# 694
 Delta R.T. 0.007 min
 Lab File: VY009705.D
 Acq: 26 Jul 2022 17:11

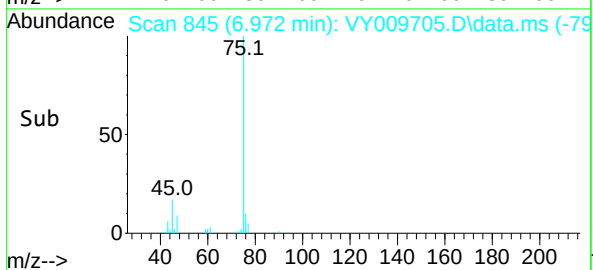
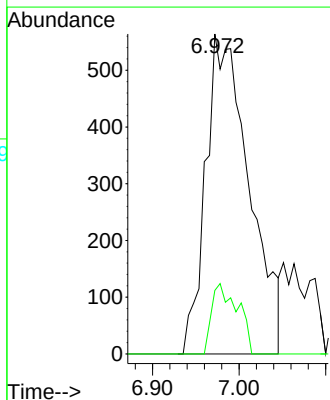
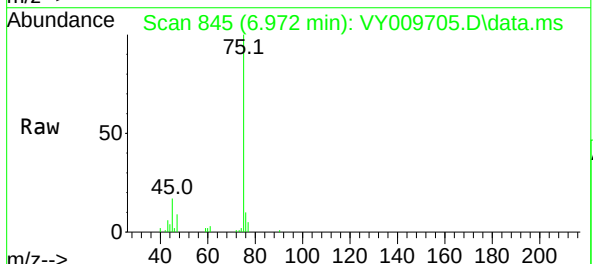
Instrument :
 MSVOA_Y
 ClientSampleId :
 EO-03-072222

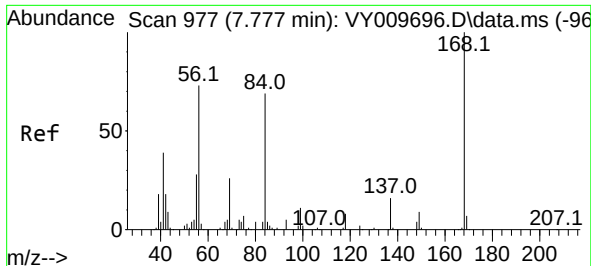
Tgt Ion: 43 Resp: 46
 Ion Ratio Lower Upper
 43 100
 86 0.0 7.1 10.7#



#25
 2-Butanone
 Concen: 4.133 ug/l
 RT: 6.972 min Scan# 845
 Delta R.T. -0.006 min
 Lab File: VY009705.D
 Acq: 26 Jul 2022 17:11

Tgt Ion: 43 Resp: 1968
 Ion Ratio Lower Upper
 43 100
 72 19.9 17.7 26.5

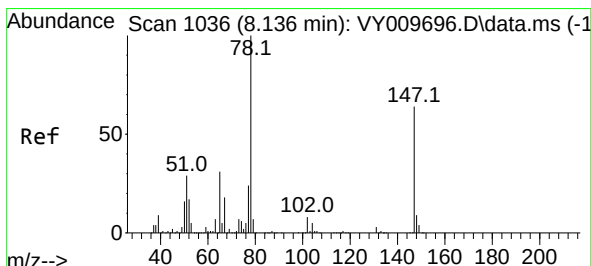
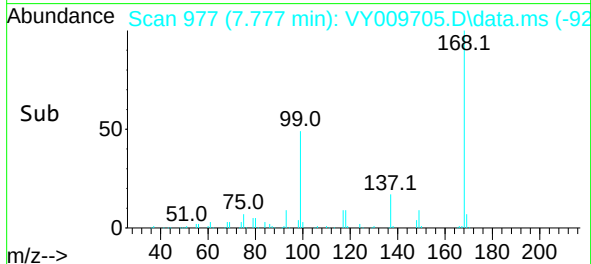
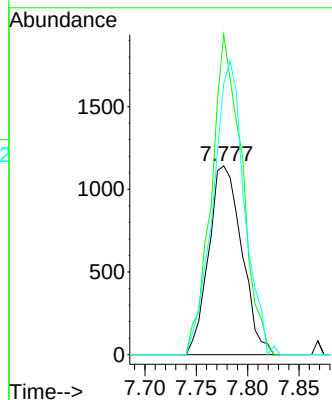
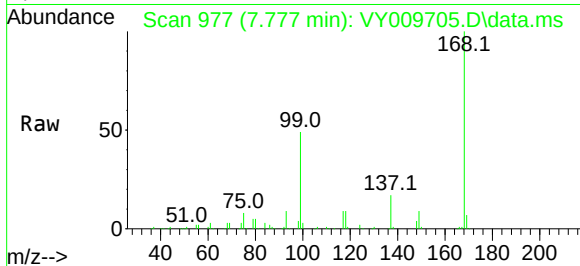




#31
Cyclohexane
Concen: 1.189 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009705.D
Acq: 26 Jul 2022 17:11

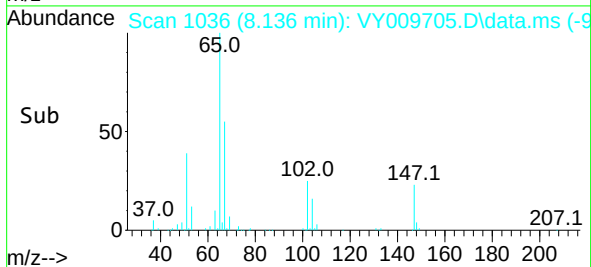
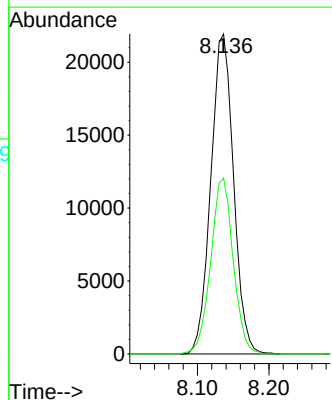
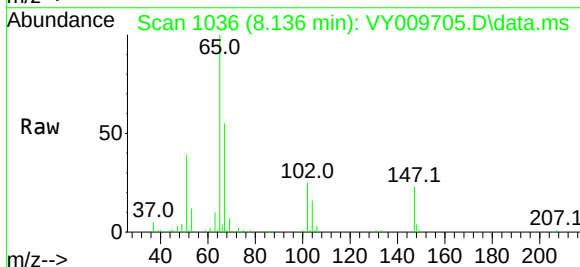
Instrument :
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ClientSampleId :
EO-03-072222

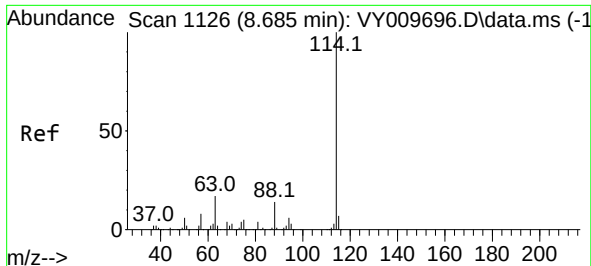
Tgt Ion: 56 Resp: 2555
Ion Ratio Lower Upper
56 100
69 169.4 26.7 40.1#
84 143.4 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 54.326 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY009705.D
Acq: 26 Jul 2022 17:11

Tgt Ion: 65 Resp: 48419
Ion Ratio Lower Upper
65 100
67 54.4 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY009705.D

Acq: 26 Jul 2022 17:11

Instrument :

MSVOA_Y

ClientSampleId :

EO-03-072222

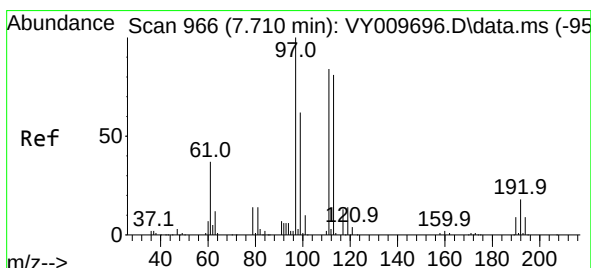
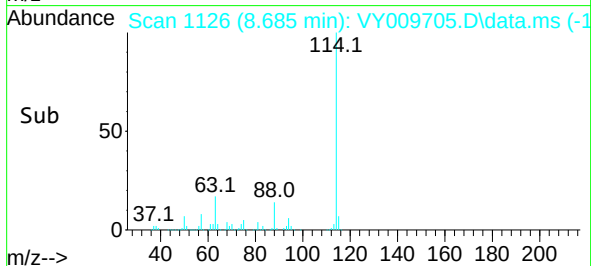
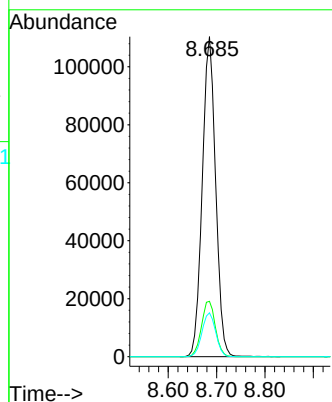
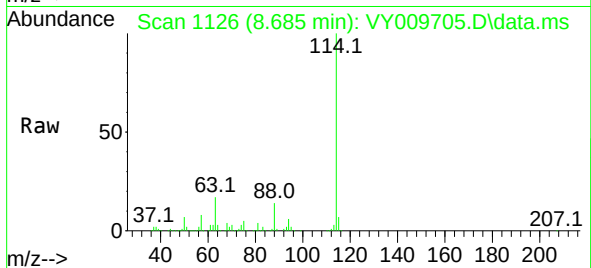
Tgt Ion:114 Resp: 211651

Ion Ratio Lower Upper

114 100

63 17.3 0.0 43.2

88 13.7 0.0 31.8



#35

Dibromofluoromethane

Concen: 49.355 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY009705.D

Acq: 26 Jul 2022 17:11

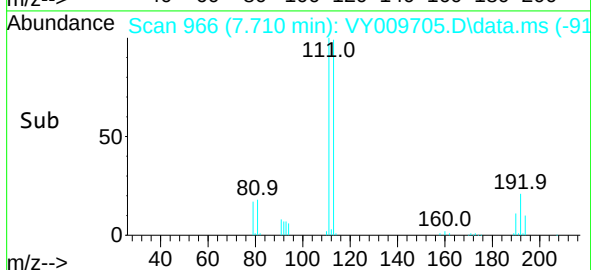
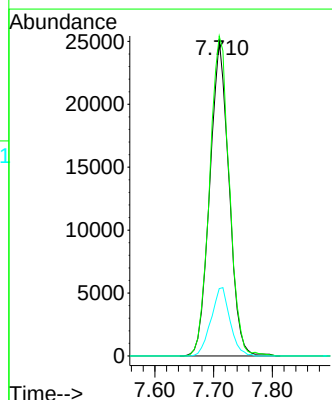
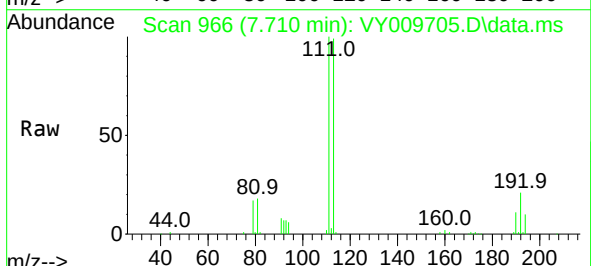
Tgt Ion:113 Resp: 56813

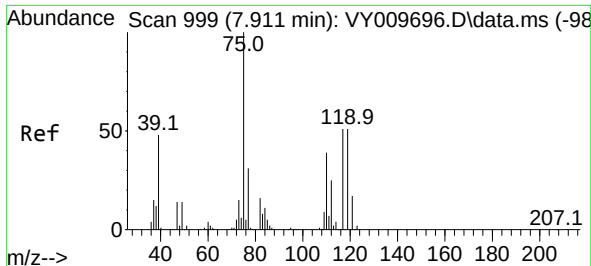
Ion Ratio Lower Upper

113 100

111 104.2 82.6 124.0

192 21.4 17.6 26.4

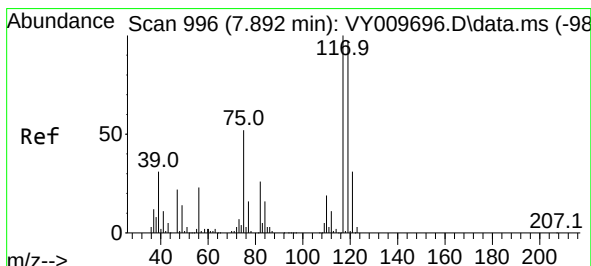
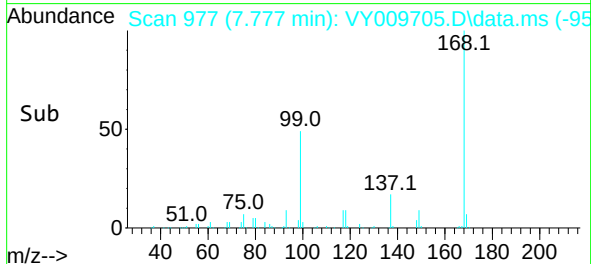
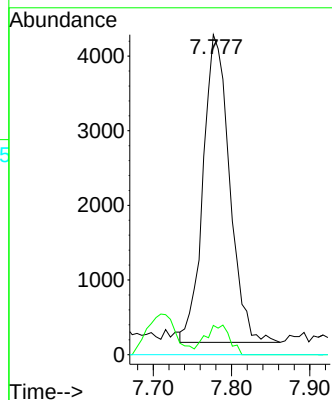
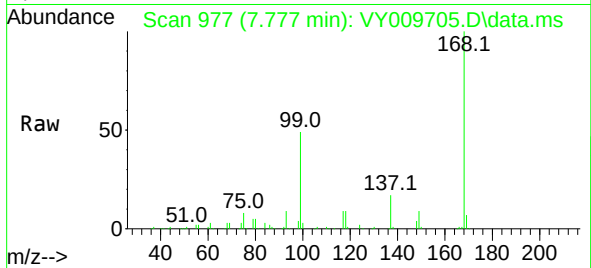




#36
1,1-Dichloropropene
Concen: 5.162 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY009705.D
Acq: 26 Jul 2022 17:11

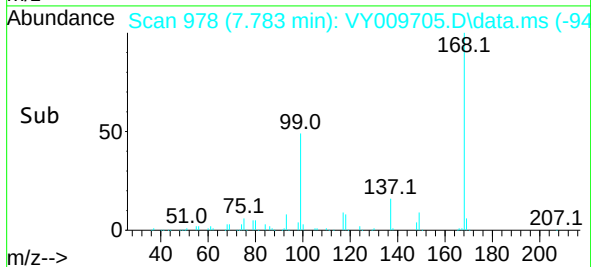
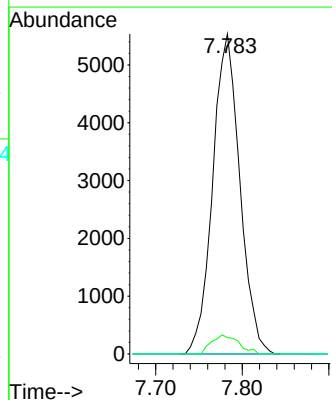
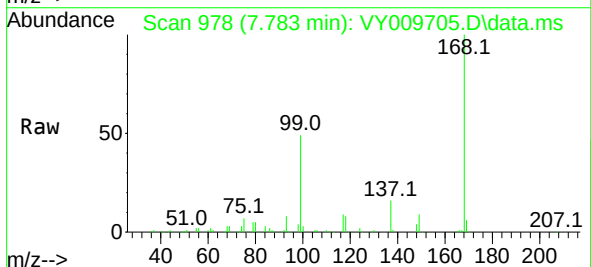
Instrument :
MSVOA_Y
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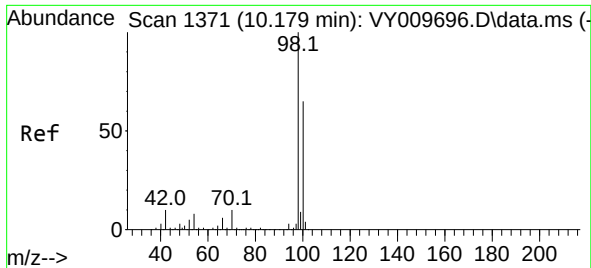
Tgt Ion: 75 Resp: 9669
Ion Ratio Lower Upper
75 100
110 8.8 17.1 51.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 6.003 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.109 min
Lab File: VY009705.D
Acq: 26 Jul 2022 17:11

Tgt Ion: 117 Resp: 12049
Ion Ratio Lower Upper
117 100
119 5.1 77.9 116.9#
121 0.0 24.8 37.2#

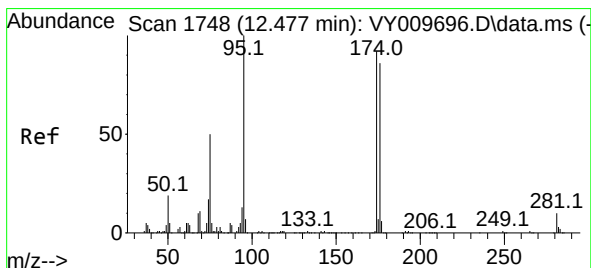
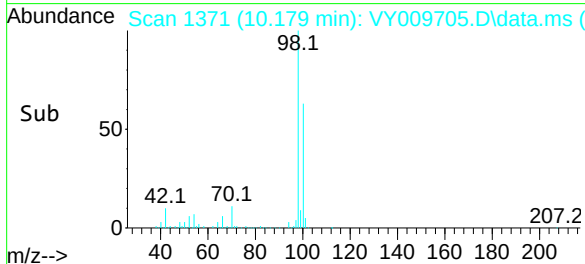
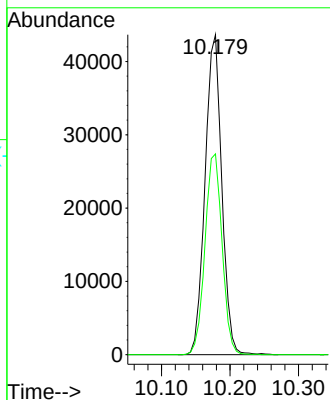
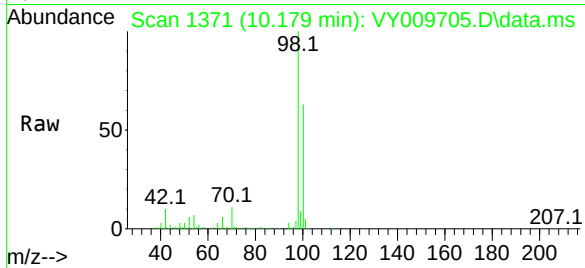




#50
Toluene-d8
Concen: 19.510 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009705.D
Acq: 26 Jul 2022 17:11

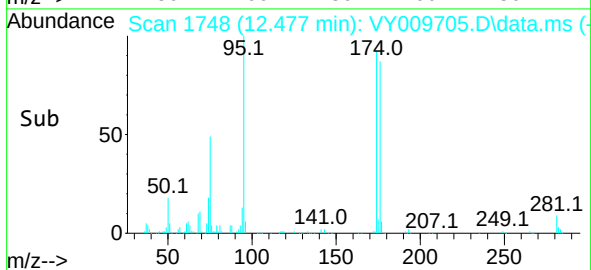
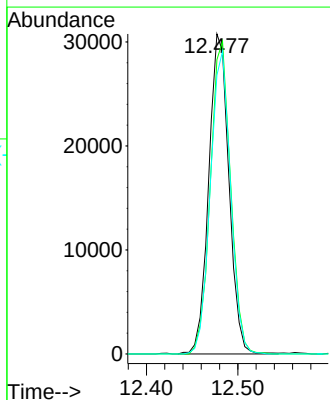
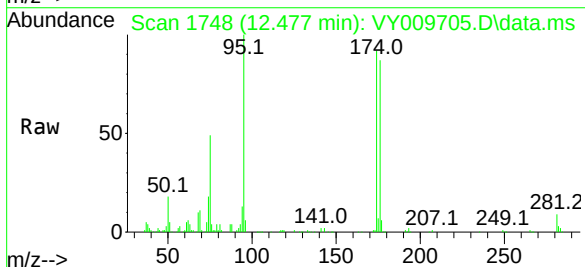
Instrument :
MSVOA_Y
ClientSampleId :
EO-03-072222

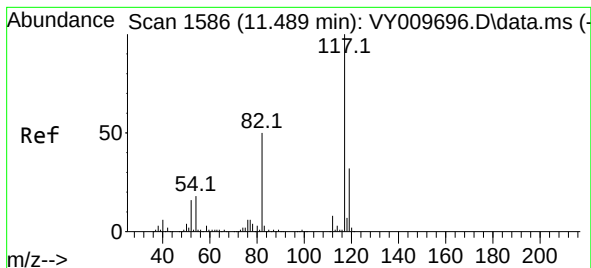
Tgt Ion: 98 Resp: 74080
Ion Ratio Lower Upper
98 100
100 64.2 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 30.845 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009705.D
Acq: 26 Jul 2022 17:11

Tgt Ion: 95 Resp: 47080
Ion Ratio Lower Upper
95 100
174 98.0 0.0 177.0
176 94.8 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: VY009705.D

Acq: 26 Jul 2022 17:11

Instrument :

MSVOA_Y

ClientSampleId :

EO-03-072222

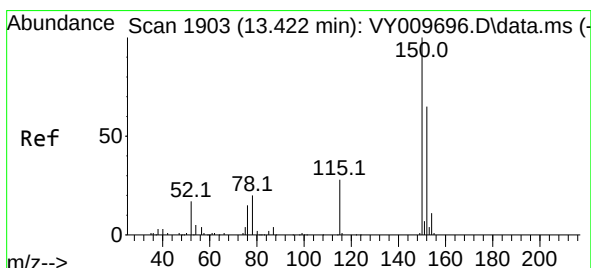
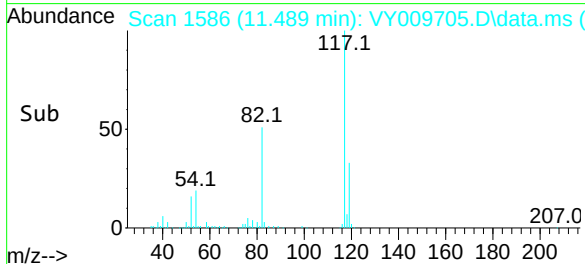
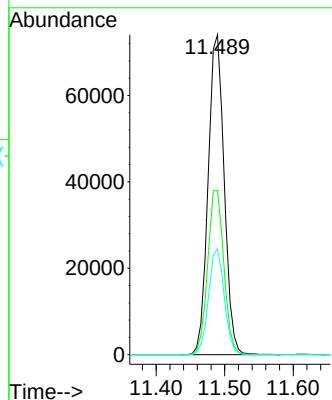
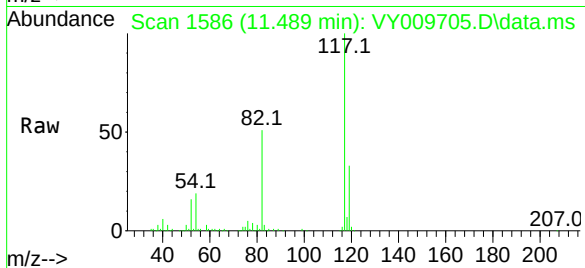
Tgt Ion:117 Resp: 120482

Ion Ratio Lower Upper

117 100

82 51.3 43.0 64.4

119 33.1 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY009705.D

Acq: 26 Jul 2022 17:11

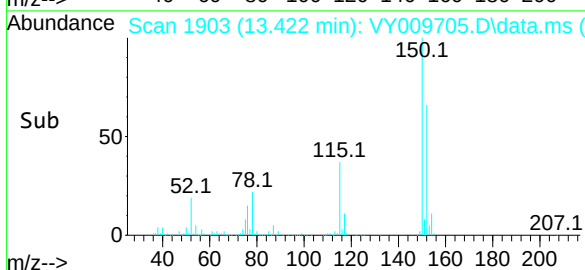
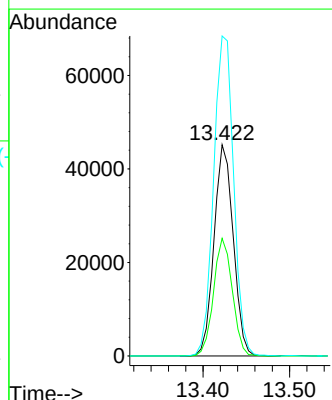
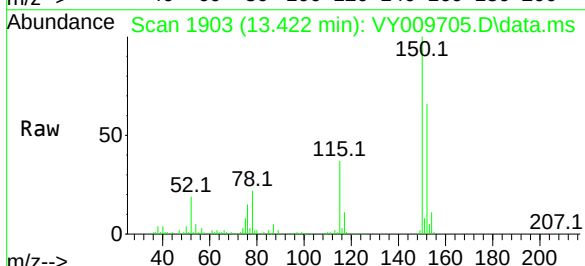
Tgt Ion:152 Resp: 69841

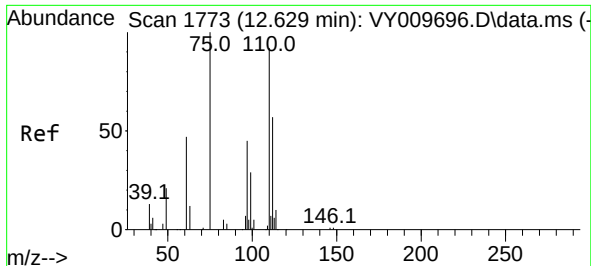
Ion Ratio Lower Upper

152 100

115 54.2 28.2 84.7

150 157.4 0.0 347.6

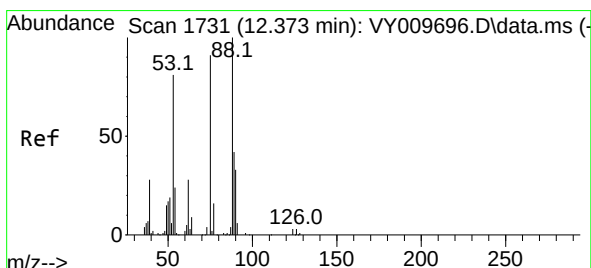
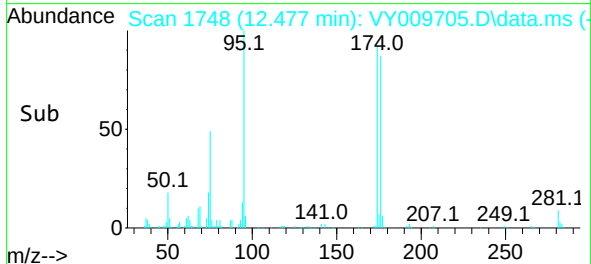
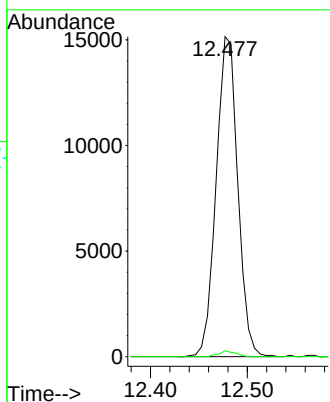
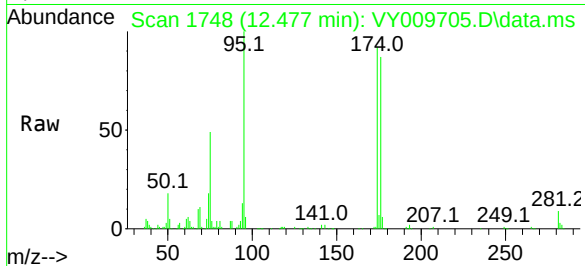




#76
1,2,3-Trichloropropane
Concen: 36.224 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY009705.D
Acq: 26 Jul 2022 17:11

Instrument :
MSVOA_Y
ClientSampleId :
EO-03-072222

Tgt Ion: 75 Resp: 23499
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 72.204 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY009705.D
Acq: 26 Jul 2022 17:11

Tgt Ion: 75 Resp: 23499
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.1 37.0 55.4#

