

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091422\
 Data File : VY010495.D
 Acq On : 14 Sep 2022 19:31
 Operator : KP/MD
 Sample : N4592-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EO-02-091222

Quant Time: Sep 15 01:11:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090922S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 09 17:08:30 2022
 Response via : Initial Calibration

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

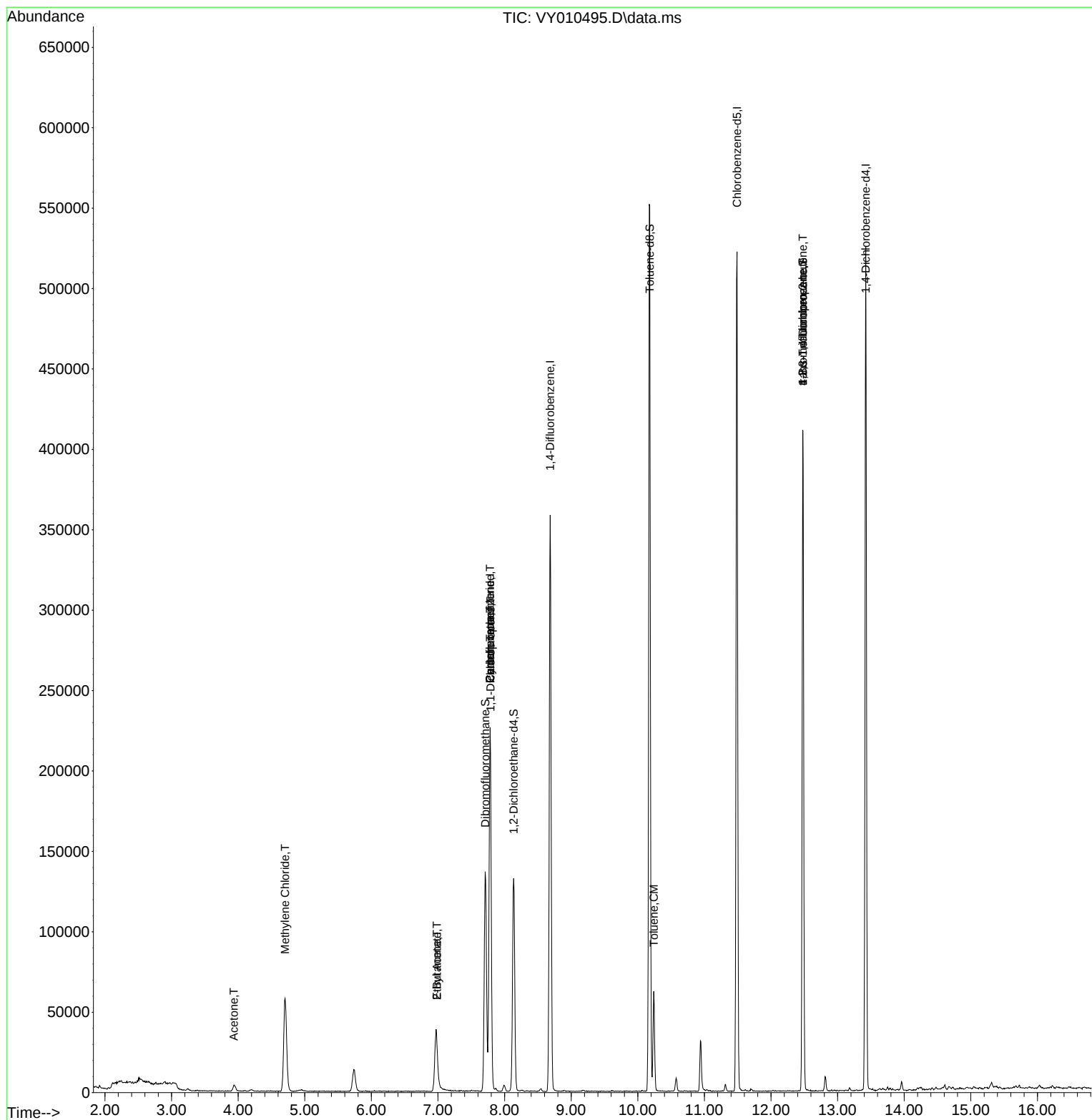
Internal Standards						
1) Pentafluorobenzene	7.783	168	177301	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	309945	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	293356	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	134022	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	105526	59.095	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 118.180%	
35) Dibromofluoromethane	7.710	113	98249	44.633	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 89.260%	
50) Toluene-d8	10.179	98	367652	51.534	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 103.060%	
62) 4-Bromofluorobenzene	12.477	95	123760	42.890	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 85.780%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.900	85	187	Below Cal	#	71
11) Tert butyl alcohol	4.924	59	556	Below Cal	#	77
16) Acetone	3.936	43	7069	17.250	ug/l	95
20) Methylene Chloride	4.704	84	45271	18.483	ug/l #	84
25) 2-Butanone	6.984	43	2236	3.433	ug/l #	86
31) Cyclohexane	7.783	56	4003	1.327	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	13961	4.633	ug/l #	50
37) Ethyl Acetate	6.984	43	2236	1.411	ug/l #	1
38) Carbon Tetrachloride	7.783	117	17036	5.081	ug/l #	16
52) Toluene	10.240	92	25444	4.482	ug/l	96
76) 1,2,3-Trichloropropane	12.477	75	63863	43.175	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	63863	95.865	ug/l #	7

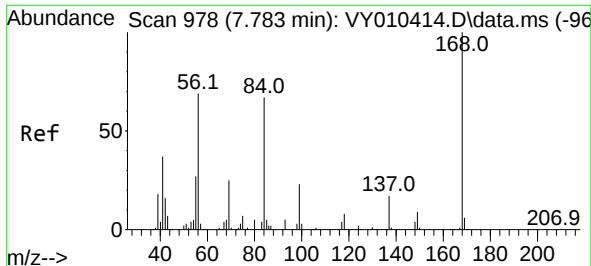
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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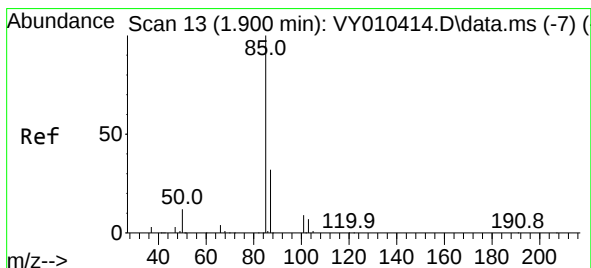
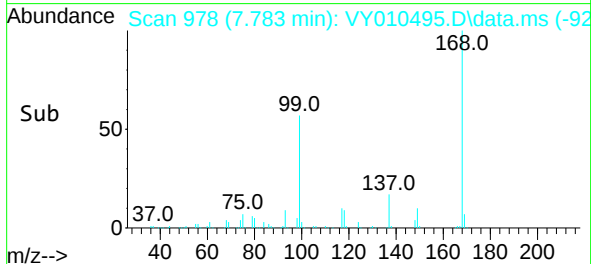
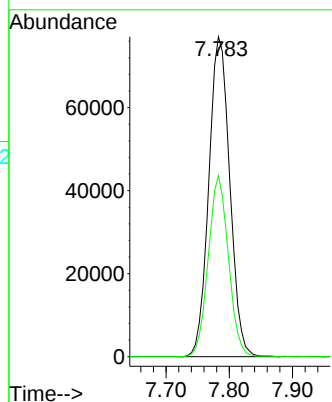
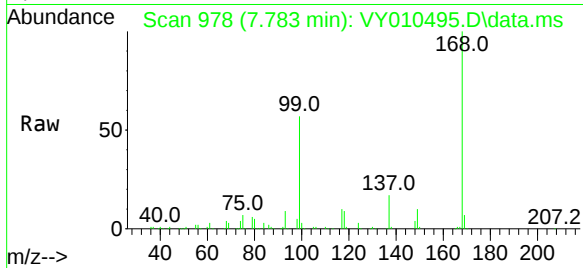




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010495.D
Acq: 14 Sep 2022 19:31

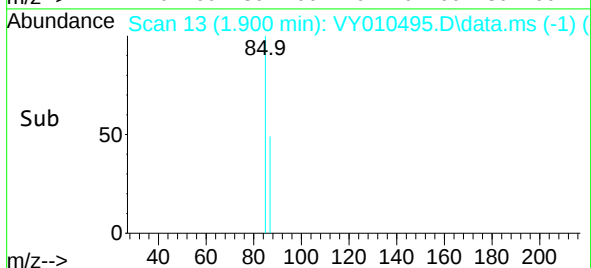
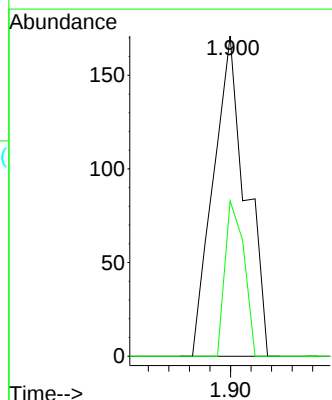
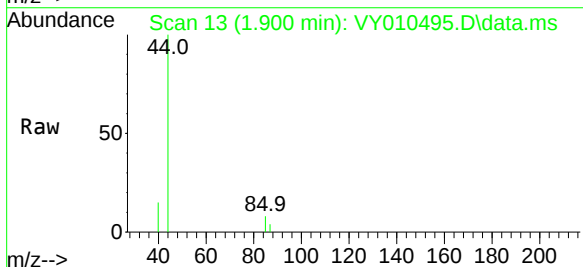
Instrument :
MSVOA_Y
ClientSampleId :
EO-02-091222

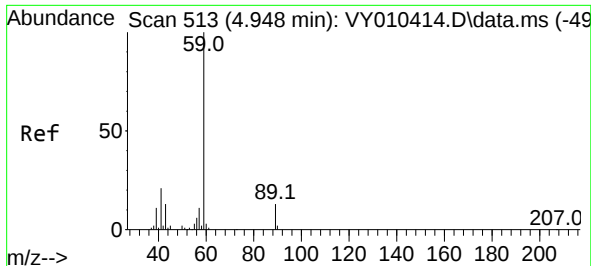
Tgt Ion:168 Resp: 177301
Ion Ratio Lower Upper
168 100
99 56.6 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY010495.D
Acq: 14 Sep 2022 19:31

Tgt Ion: 85 Resp: 187
Ion Ratio Lower Upper
85 100
87 48.5 16.1 48.2#

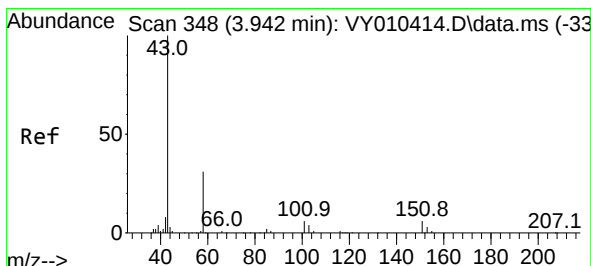
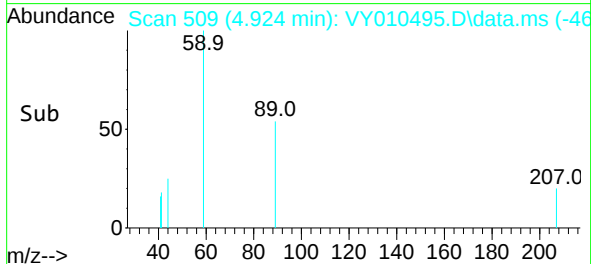
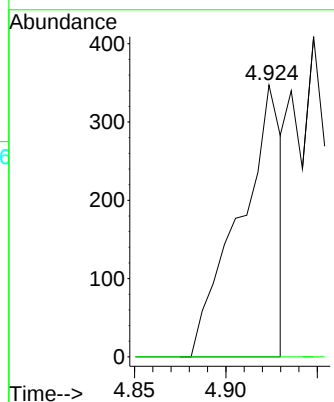
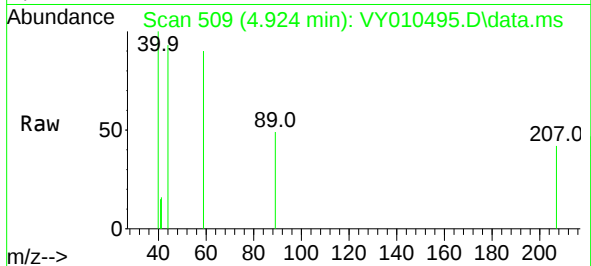




#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.924 min Scan# 509
Delta R.T. -0.024 min
Lab File: VY010495.D
Acq: 14 Sep 2022 19:31

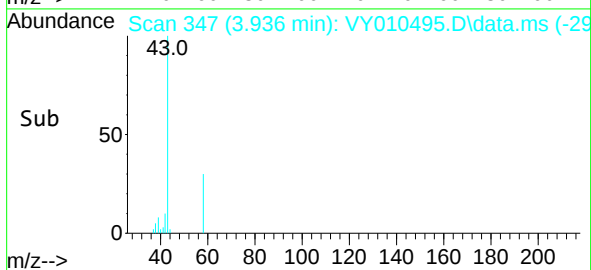
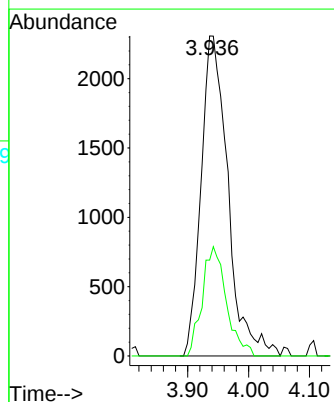
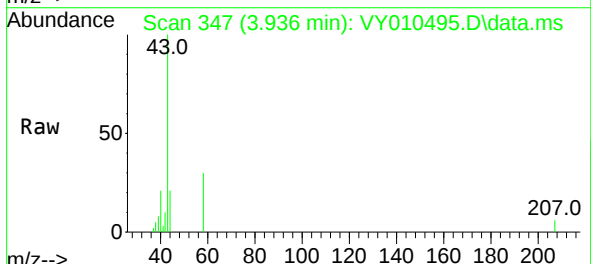
Instrument :
MSVOA_Y
ClientSampleId :
EO-02-091222

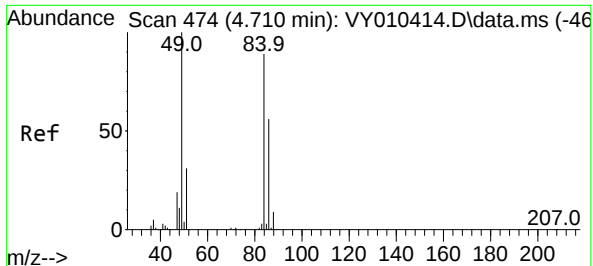
Tgt Ion: 59 Resp: 556
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#



#16
Acetone
Concen: 17.250 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.006 min
Lab File: VY010495.D
Acq: 14 Sep 2022 19:31

Tgt Ion: 43 Resp: 7069
Ion Ratio Lower Upper
43 100
58 30.0 22.0 33.0

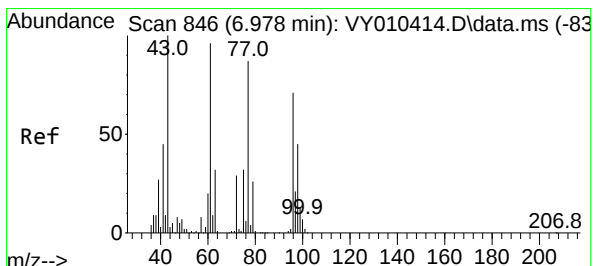
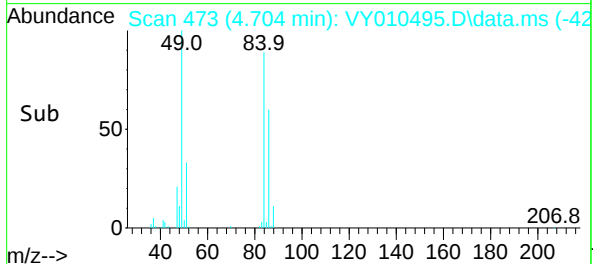
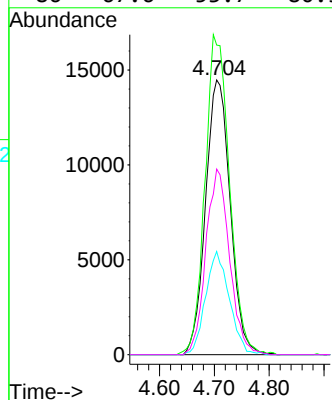
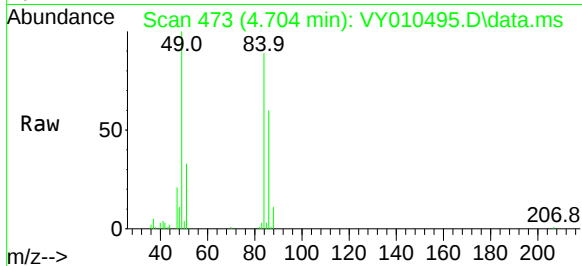




#20
Methylene Chloride
Concen: 18.483 ug/l
RT: 4.704 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY010495.D
Acq: 14 Sep 2022 19:31

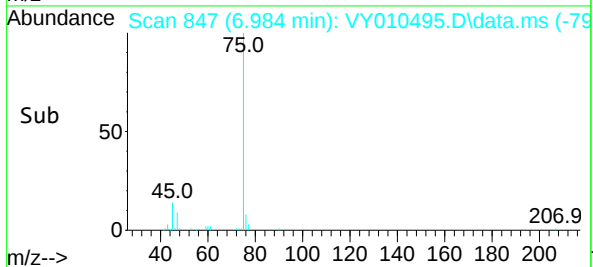
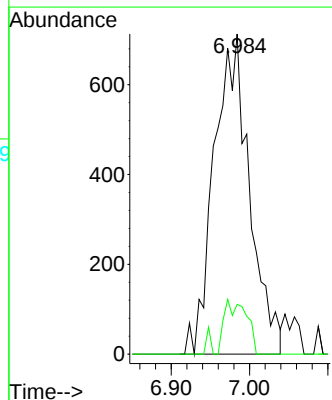
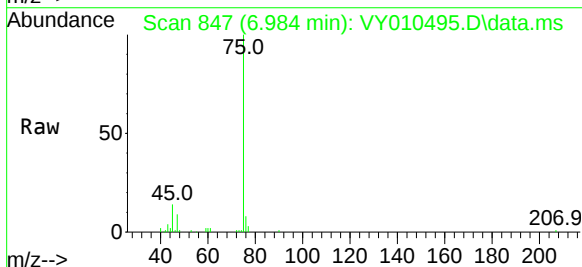
Instrument :
MSVOA_Y
ClientSampleId :
EO-02-091222

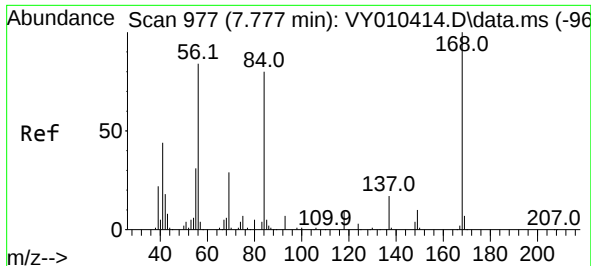
Tgt Ion: 84 Resp: 45271
Ion Ratio Lower Upper
84 100
49 112.7 114.4 171.6#
51 37.6 35.3 52.9
86 67.6 53.7 80.5



#25
2-Butanone
Concen: 3.433 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY010495.D
Acq: 14 Sep 2022 19:31

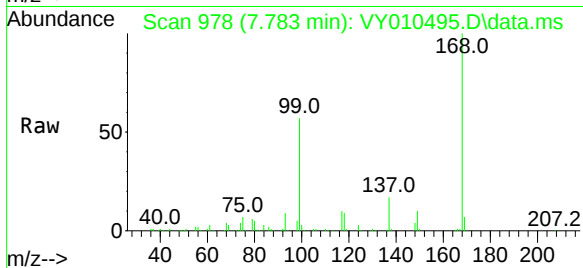
Tgt Ion: 43 Resp: 2236
Ion Ratio Lower Upper
43 100
72 15.6 17.7 26.5#



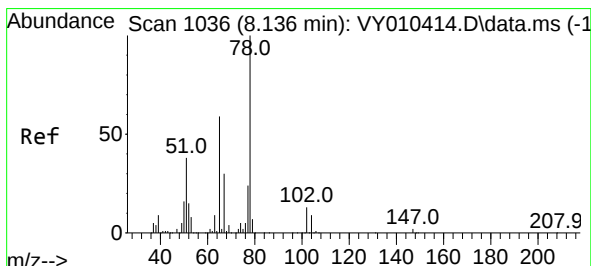
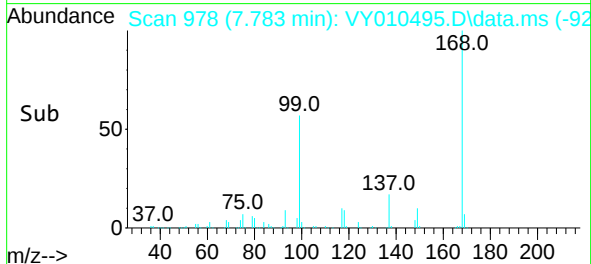
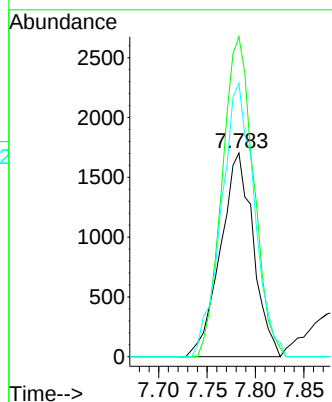


#31
Cyclohexane
Concen: 1.327 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010495.D
Acq: 14 Sep 2022 19:31

Instrument :
MSVOA_Y
ClientSampleId :
EO-02-091222

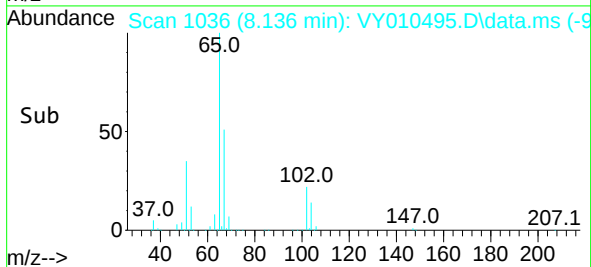
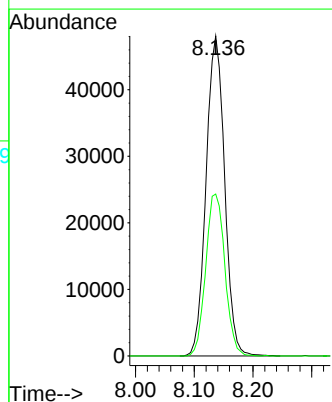
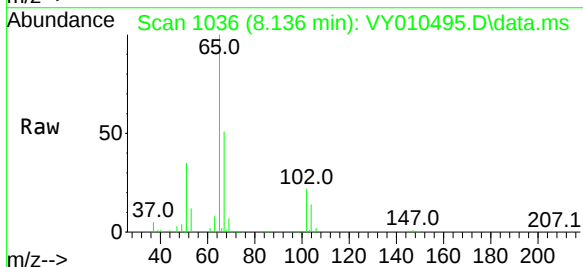


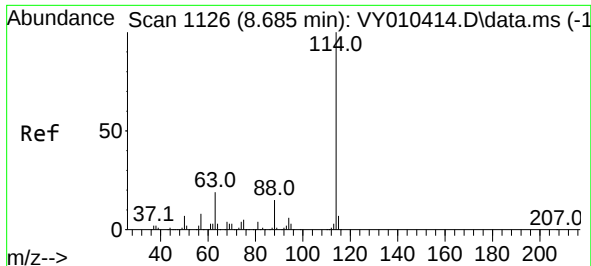
Tgt Ion: 56 Resp: 4003
Ion Ratio Lower Upper
56 100
69 157.0 26.7 40.1#
84 134.2 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 59.095 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY010495.D
Acq: 14 Sep 2022 19:31

Tgt Ion: 65 Resp: 105526
Ion Ratio Lower Upper
65 100
67 52.3 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: VY010495.D

Acq: 14 Sep 2022 19:31

Instrument :

MSVOA_Y

ClientSampleId :

EO-02-091222

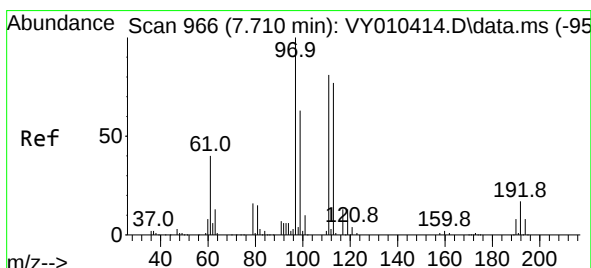
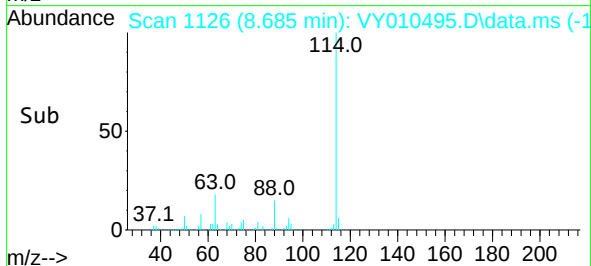
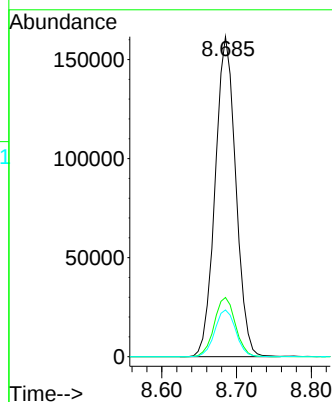
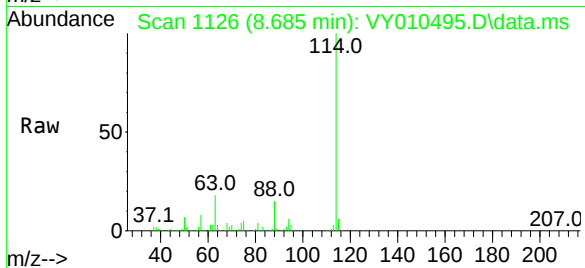
Tgt Ion:114 Resp: 309945

Ion Ratio Lower Upper

114 100

63 18.5 0.0 43.2

88 14.6 0.0 31.8



#35

Dibromofluoromethane

Concen: 44.633 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY010495.D

Acq: 14 Sep 2022 19:31

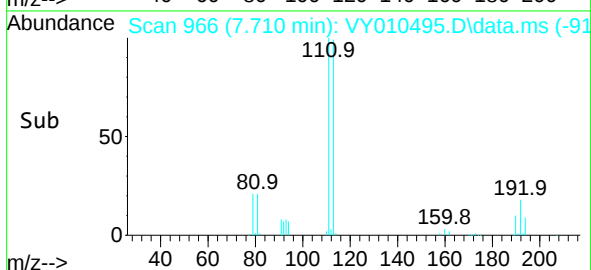
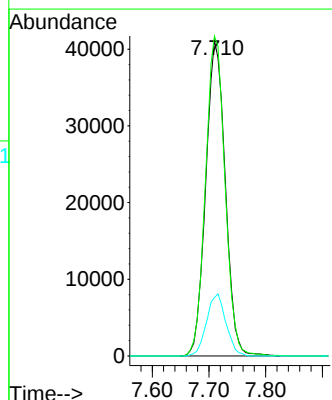
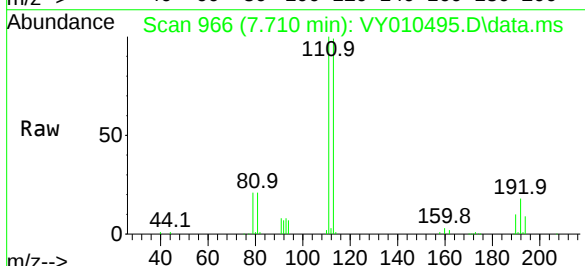
Tgt Ion:113 Resp: 98249

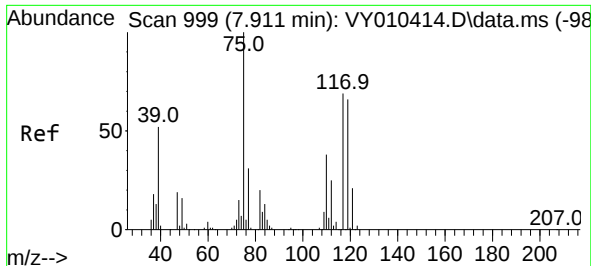
Ion Ratio Lower Upper

113 100

111 101.5 82.6 124.0

192 19.6 17.6 26.4

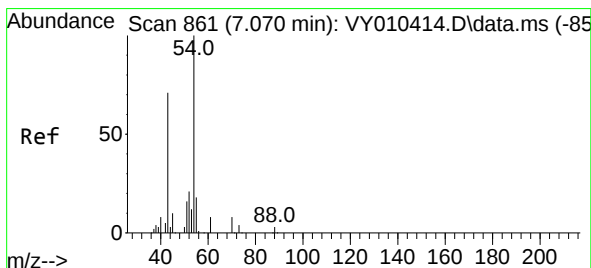
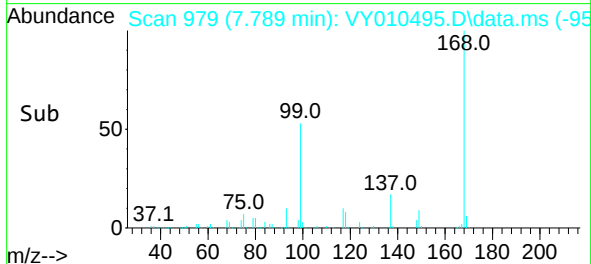
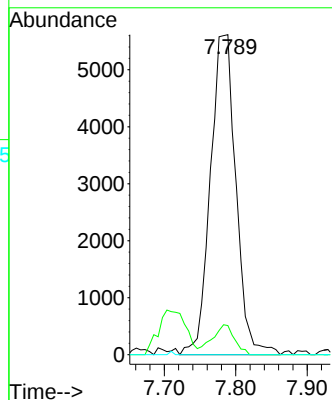
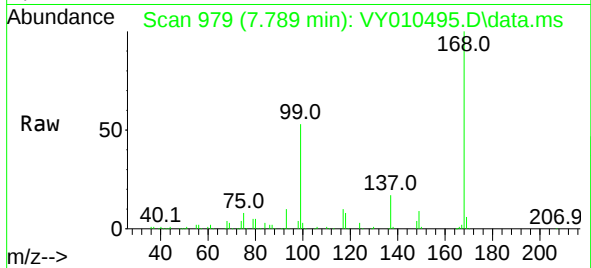




#36
1,1-Dichloropropene
Concen: 4.633 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY010495.D
Acq: 14 Sep 2022 19:31

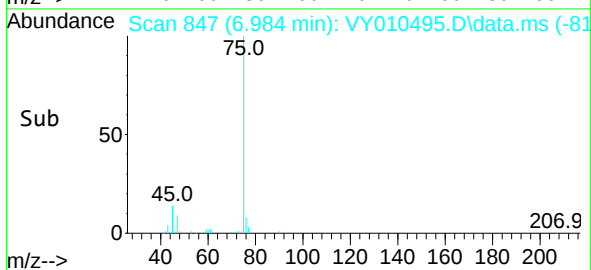
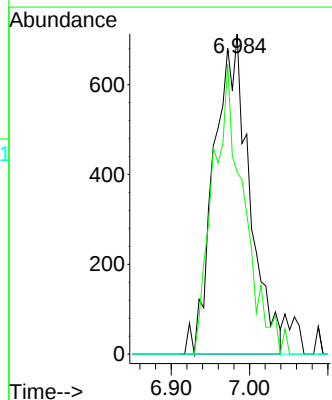
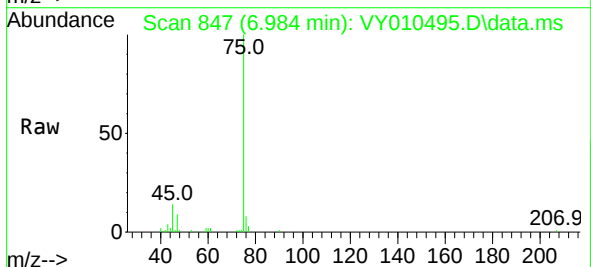
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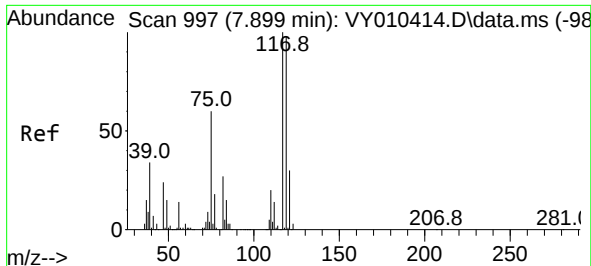
Tgt Ion: 75 Resp: 13961
Ion Ratio Lower Upper
75 100
110 8.2 17.1 51.2#
77 0.0 24.4 36.6#



#37
Ethyl Acetate
Concen: 1.411 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.086 min
Lab File: VY010495.D
Acq: 14 Sep 2022 19:31

Tgt Ion: 43 Resp: 2236
Ion Ratio Lower Upper
43 100
61 79.5 9.7 14.5#
70 0.0 7.1 10.7#

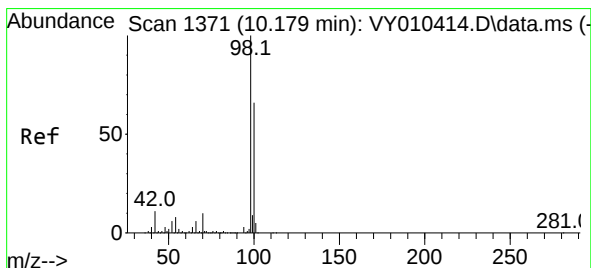
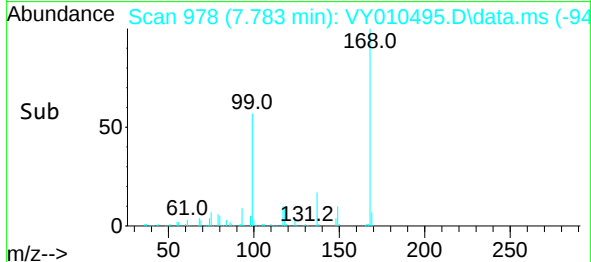
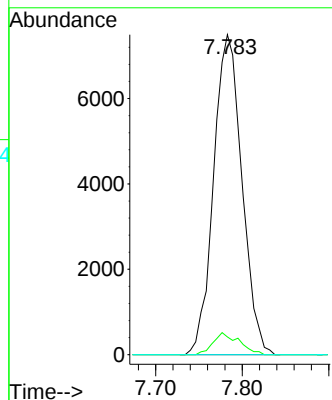
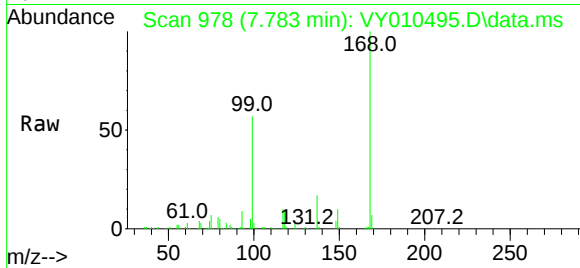




#38
Carbon Tetrachloride
Concen: 5.081 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY010495.D
Acq: 14 Sep 2022 19:31

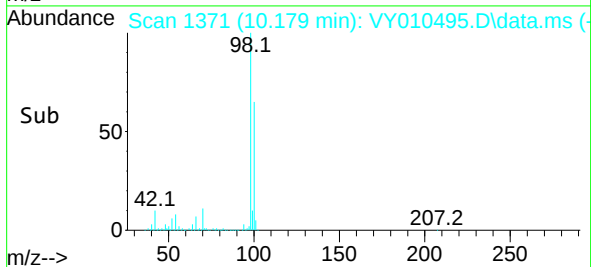
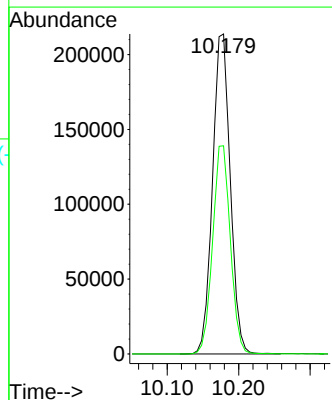
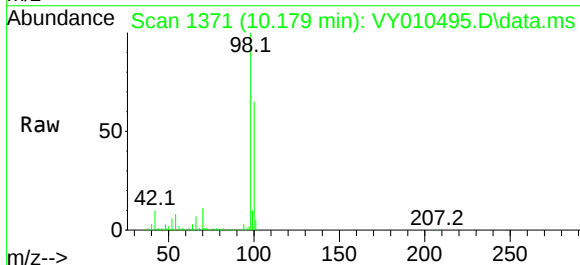
Instrument :
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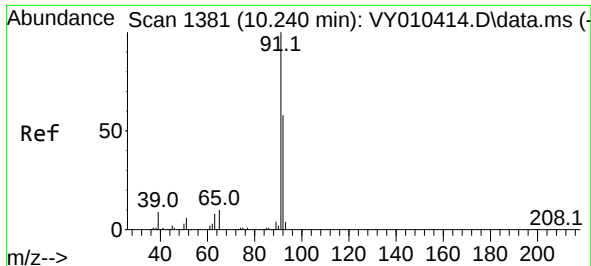
Tgt Ion:117 Resp: 17036
Ion Ratio Lower Upper
117 100
119 5.6 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 51.534 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010495.D
Acq: 14 Sep 2022 19:31

Tgt Ion: 98 Resp: 367652
Ion Ratio Lower Upper
98 100
100 65.1 50.2 75.2

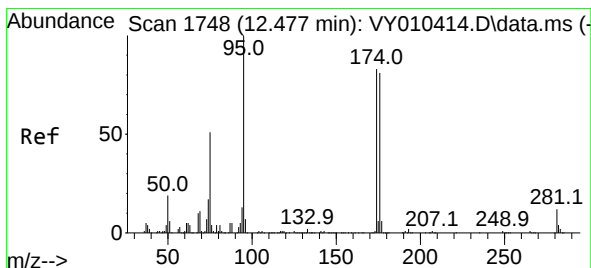
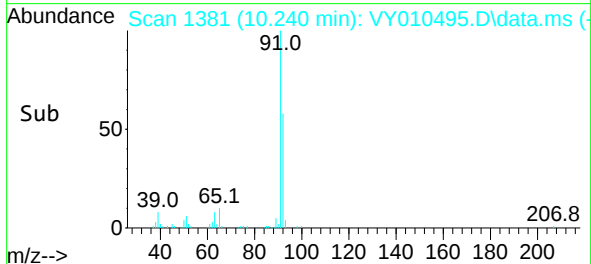
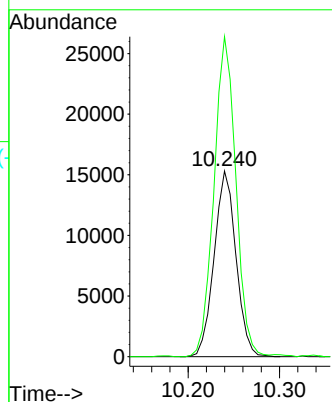
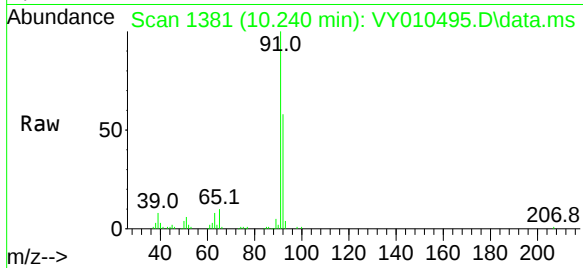




#52
Toluene
Concen: 4.482 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY010495.D
Acq: 14 Sep 2022 19:31

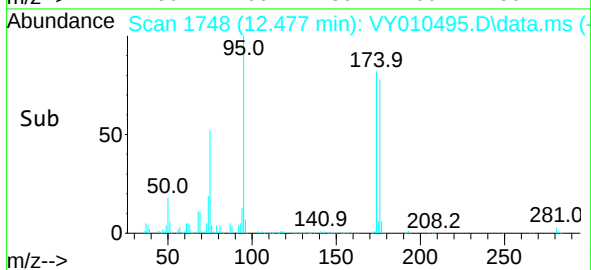
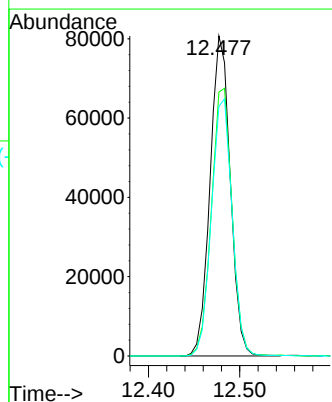
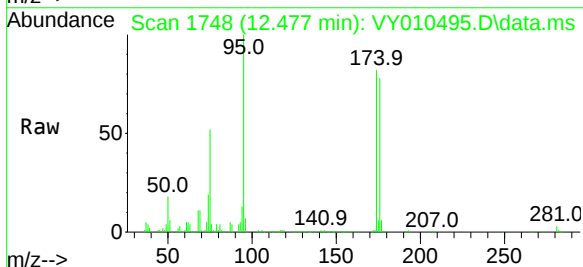
Instrument :
MSVOA_Y
ClientSampleId :
EO-02-091222

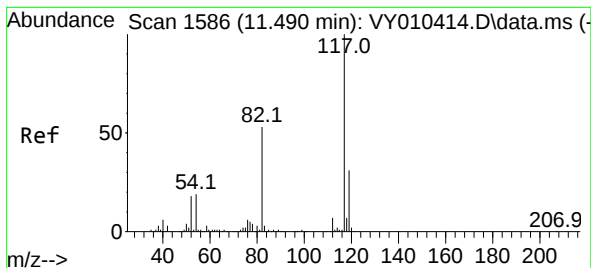
Tgt Ion: 92 Resp: 25444
Ion Ratio Lower Upper
92 100
91 172.4 142.6 213.8



#62
4-Bromofluorobenzene
Concen: 42.890 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY010495.D
Acq: 14 Sep 2022 19:31

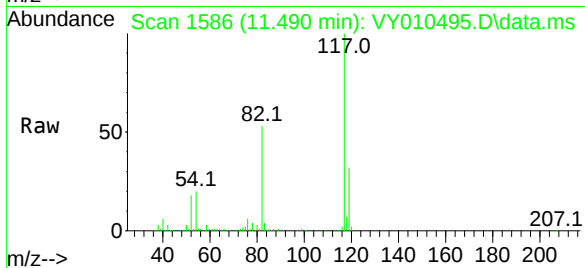
Tgt Ion: 95 Resp: 123760
Ion Ratio Lower Upper
95 100
174 85.5 0.0 177.0
176 82.6 0.0 175.8



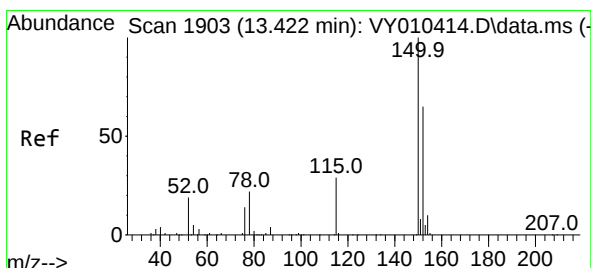
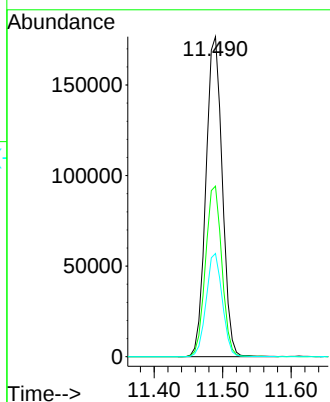
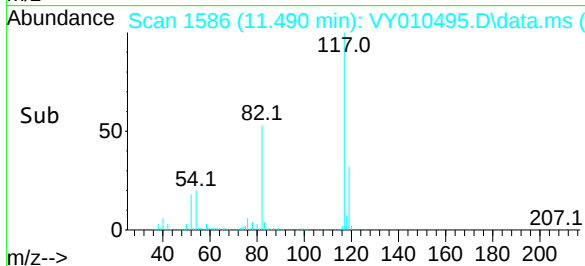


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY010495.D
Acq: 14 Sep 2022 19:31

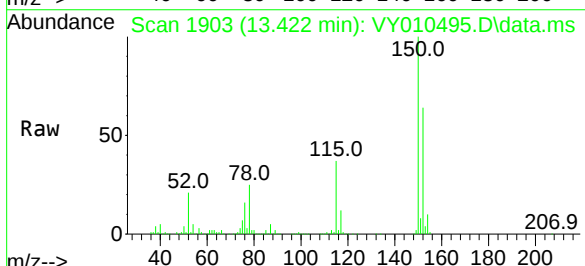
Instrument :
MSVOA_Y
ClientSampleId :
EO-02-091222



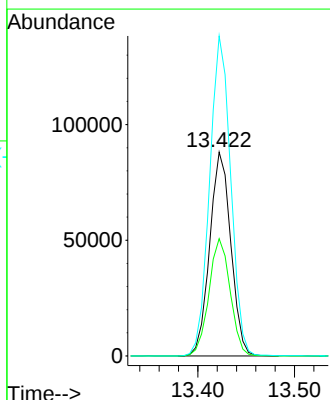
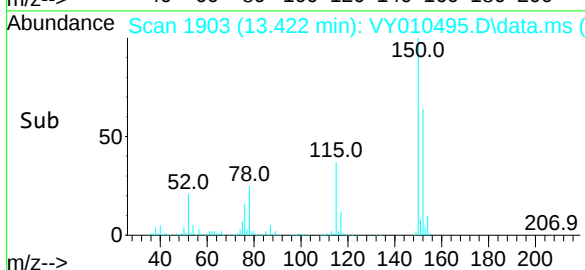
Tgt Ion:117 Resp: 293356
Ion Ratio Lower Upper
117 100
82 53.3 43.0 64.4
119 32.3 25.4 38.0

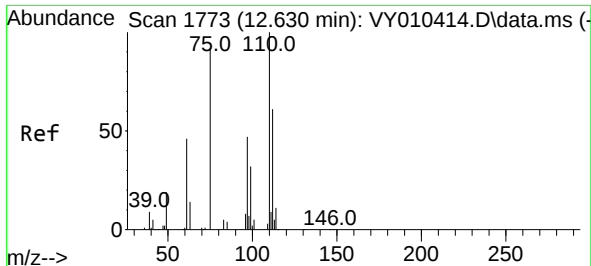


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY010495.D
Acq: 14 Sep 2022 19:31



Tgt Ion:152 Resp: 134022
Ion Ratio Lower Upper
152 100
115 57.8 28.2 84.7
150 156.4 0.0 347.6

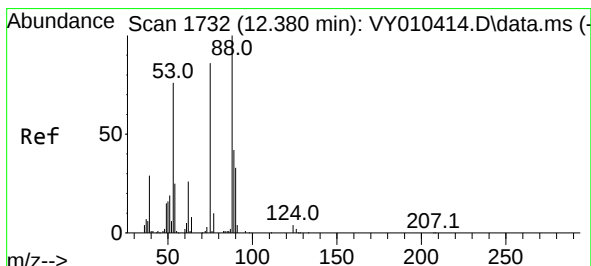
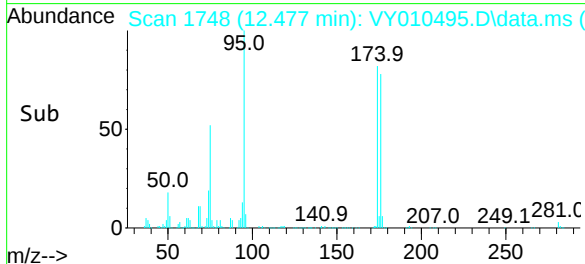
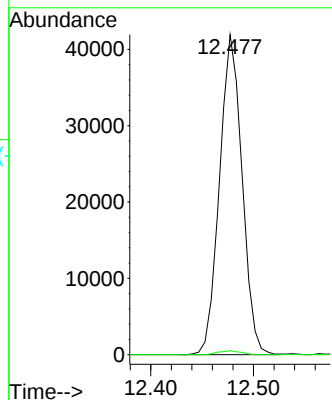
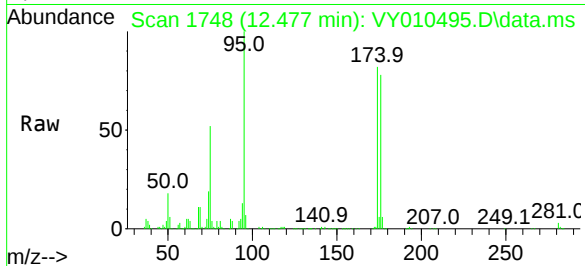




#76
1,2,3-Trichloropropane
Concen: 43.175 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY010495.D
Acq: 14 Sep 2022 19:31

Instrument :
MSVOA_Y
ClientSampleId :
EO-02-091222

Tgt Ion: 75 Resp: 63863
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 95.865 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.097 min
Lab File: VY010495.D
Acq: 14 Sep 2022 19:31

Tgt Ion: 75 Resp: 63863
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.1 37.0 55.4#

