

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081622\
 Data File : VY010043.D
 Acq On : 16 Aug 2022 14:53
 Operator : KP/MD
 Sample : N4179-02
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RO-7211930

Quant Time: Aug 16 16:54:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081522S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 16 07:01:08 2022
 Response via : Initial Calibration

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

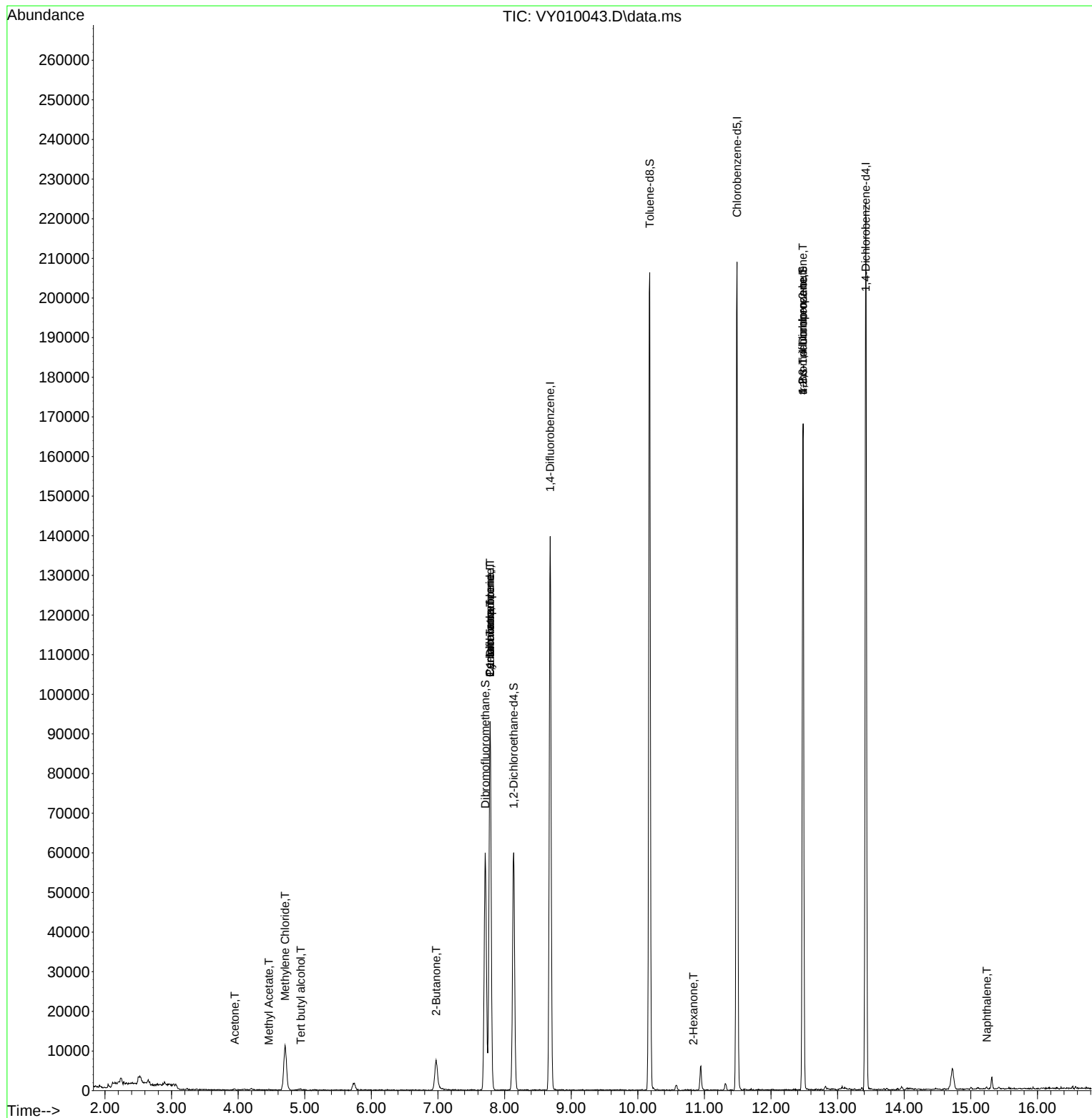
Internal Standards						
1) Pentafluorobenzene	7.783	168	75313	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	120642	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	116292	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	58124	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	46918	62.306	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 124.620%			
35) Dibromofluoromethane	7.710	113	41467	53.002	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.000%			
50) Toluene-d8	10.179	98	135756	46.901	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 93.800%			
62) 4-Bromofluorobenzene	12.477	95	48006	47.219	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 94.440%			
Target Compounds			Qvalue			
5) Bromomethane	2.656	94	335	Below Cal		89
11) Tert butyl alcohol	4.942	59	200	8.275 ug/l #		74
16) Acetone	3.948	43	367	2.275 ug/l		90
18) Methyl Acetate	4.460	43	97	4.213 ug/l #		49
20) Methylene Chloride	4.704	84	7961	7.827 ug/l		95
25) 2-Butanone	6.972	43	274	1.242 ug/l #		69
31) Cyclohexane	7.783	56	1558	1.464 ug/l #		38
36) 1,1-Dichloropropene	7.783	75	5233	4.801 ug/l #		51
38) Carbon Tetrachloride	7.783	117	7209	5.378 ug/l #		18
59) 2-Hexanone	10.837	43	23	24.205 ug/l #		26
76) 1,2,3-Trichloropropane	12.477	75	24636	44.715 ug/l #		100
81) trans-1,4-Dichloro-2-b...	12.477	75	24636	101.051 ug/l #		12
95) Naphthalene	15.239	128	533	4.570 ug/l #		69

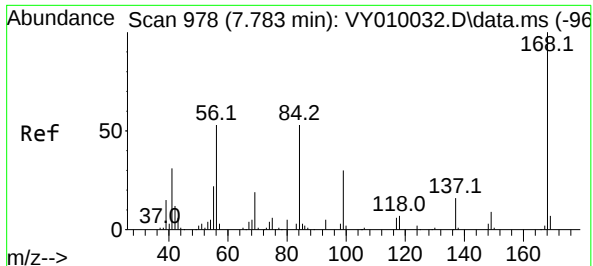
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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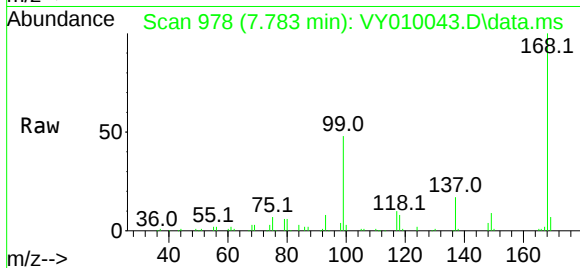
Quant Time: Aug 16 16:54:21 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081522S.M
Quant Title : SW846 8260
QLast Update : Tue Aug 16 07:01:08 2022
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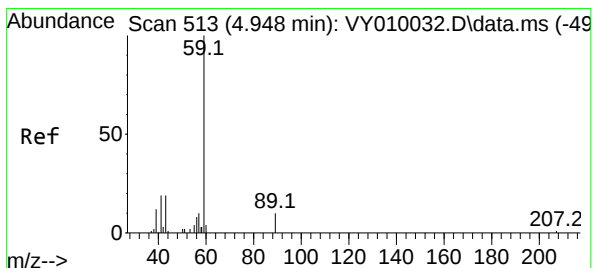
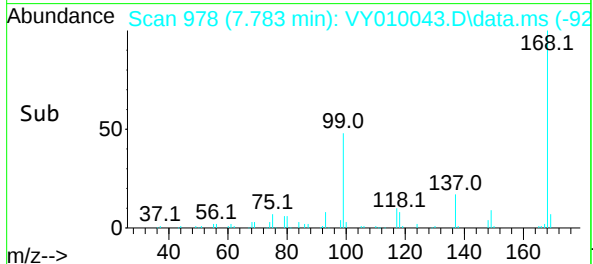
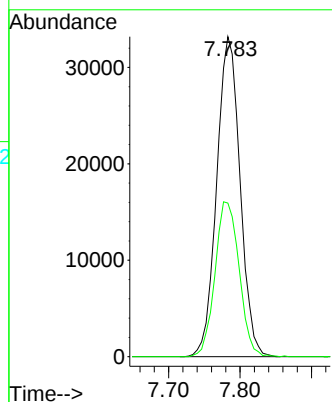


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010043.D
Acq: 16 Aug 2022 14:53

Instrument :
MSVOA_Y
ClientSampleId :
RO-7211930

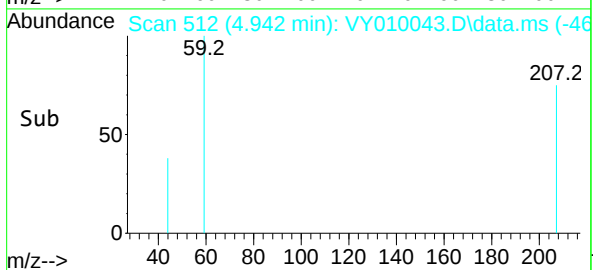
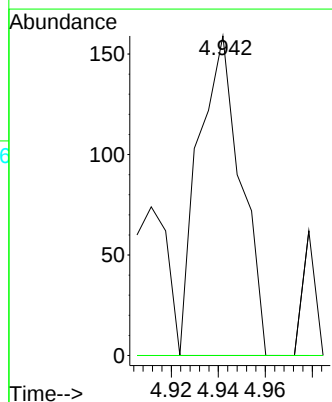
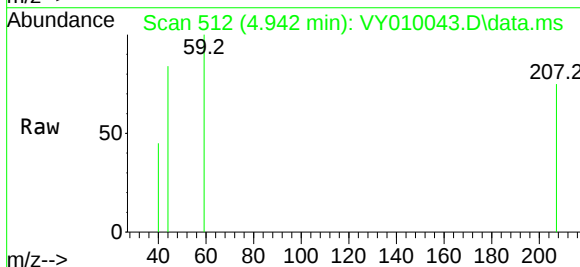


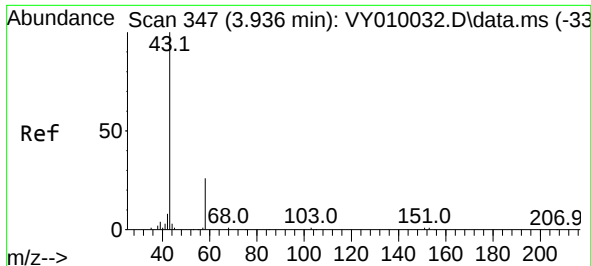
Tgt Ion:168 Resp: 75313
Ion Ratio Lower Upper
168 100
99 48.0 37.7 56.5



#11
Tert butyl alcohol
Concen: 8.275 ug/l
RT: 4.942 min Scan# 512
Delta R.T. -0.006 min
Lab File: VY010043.D
Acq: 16 Aug 2022 14:53

Tgt Ion: 59 Resp: 200
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#

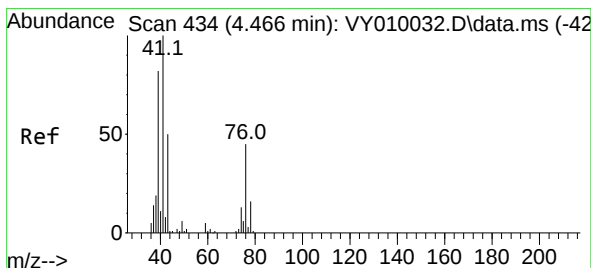
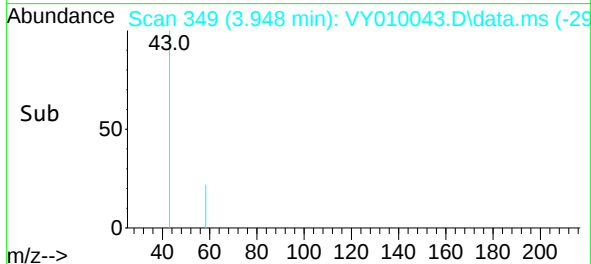
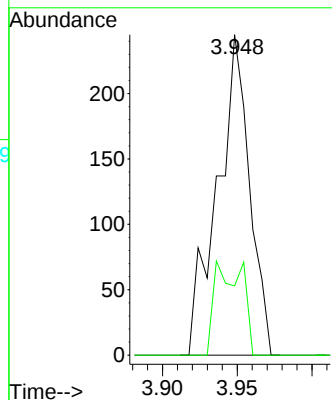
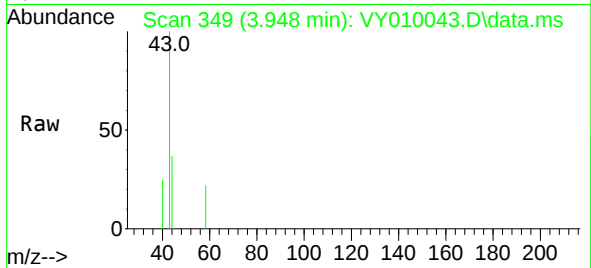




#16
Acetone
Concen: 2.275 ug/l
RT: 3.948 min Scan# 347
Delta R.T. 0.012 min
Lab File: VY010043.D
Acq: 16 Aug 2022 14:53

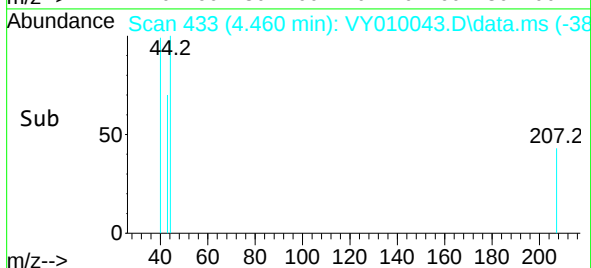
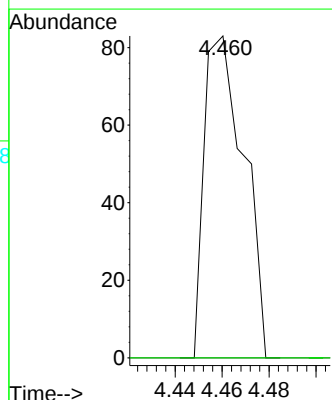
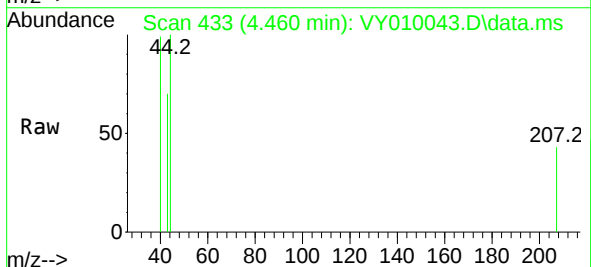
Instrument :
MSVOA_Y
ClientSampleId :
RO-7211930

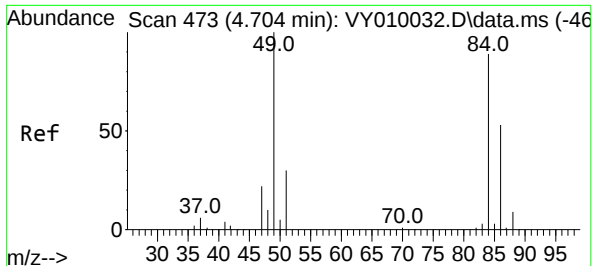
Tgt Ion: 43 Resp: 367
Ion Ratio Lower Upper
43 100
58 21.6 21.4 32.0



#18
Methyl Acetate
Concen: 4.213 ug/l
RT: 4.460 min Scan# 433
Delta R.T. -0.006 min
Lab File: VY010043.D
Acq: 16 Aug 2022 14:53

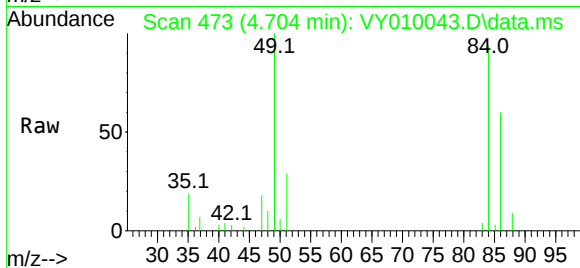
Tgt Ion: 43 Resp: 97
Ion Ratio Lower Upper
43 100
74 0.0 20.7 31.1#



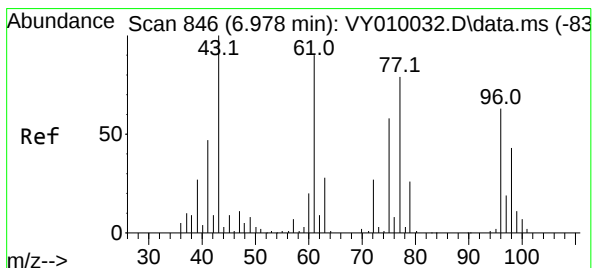
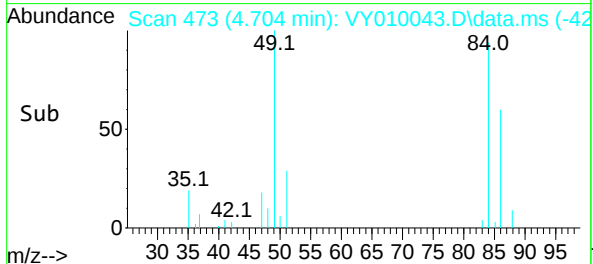
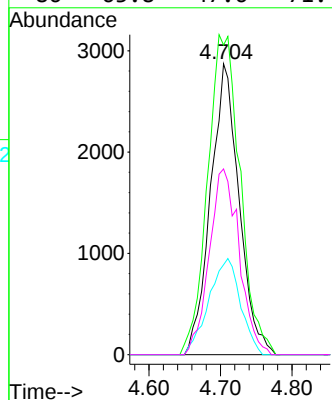


#20
Methylene Chloride
Concen: 7.827 ug/l
RT: 4.704 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY010043.D
Acq: 16 Aug 2022 14:53

Instrument :
MSVOA_Y
ClientSampleId :
RO-7211930

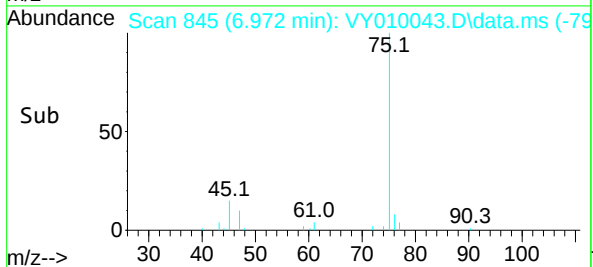
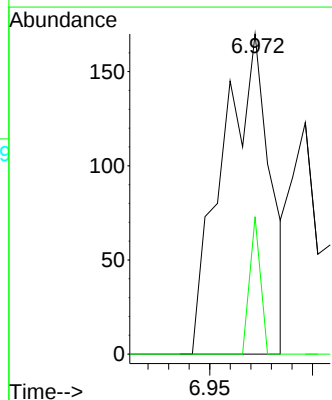
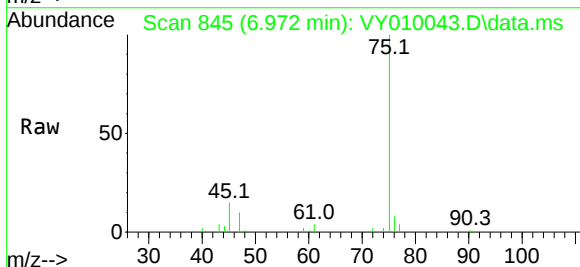


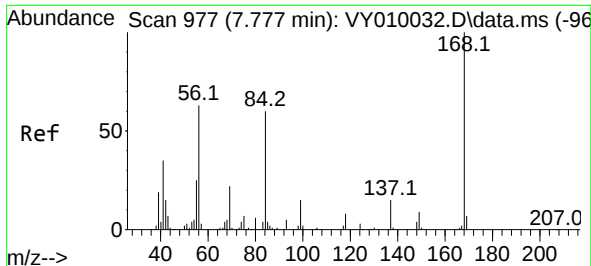
Tgt Ion:	84	Resp:	7961
Ion	Ratio	Lower	Upper
84	100		
49	106.5	89.5	134.3
51	30.9	26.8	40.2
86	63.8	47.6	71.4



#25
2-Butanone
Concen: 1.242 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.006 min
Lab File: VY010043.D
Acq: 16 Aug 2022 14:53

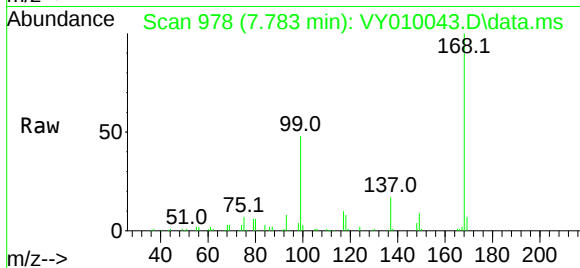
Tgt Ion:	43	Resp:	274
Ion	Ratio	Lower	Upper
43	100		
72	42.9	21.7	32.5#



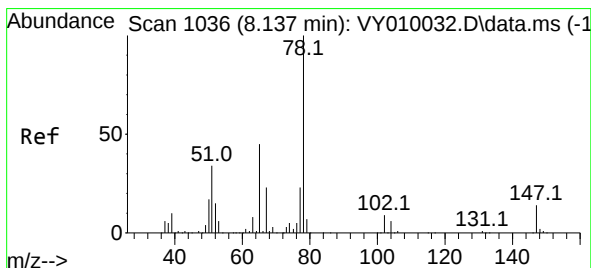
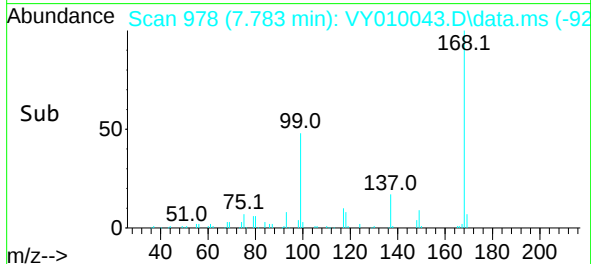
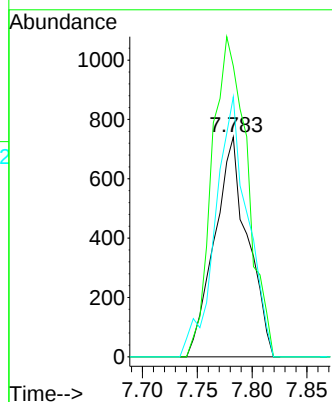


#31
Cyclohexane
Concen: 1.464 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010043.D
Acq: 16 Aug 2022 14:53

Instrument :
MSVOA_Y
ClientSampleId :
RO-7211930

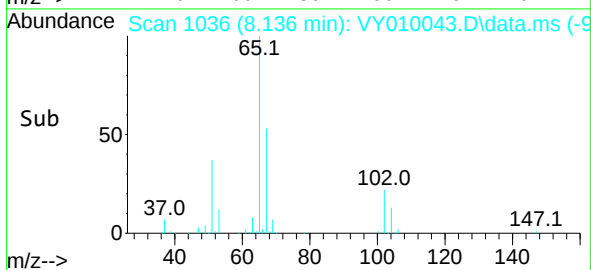
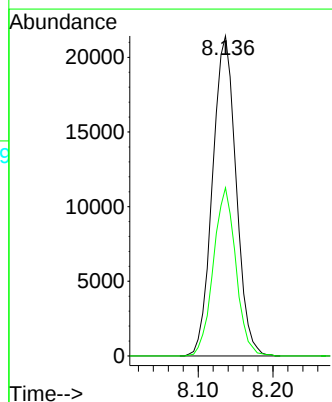
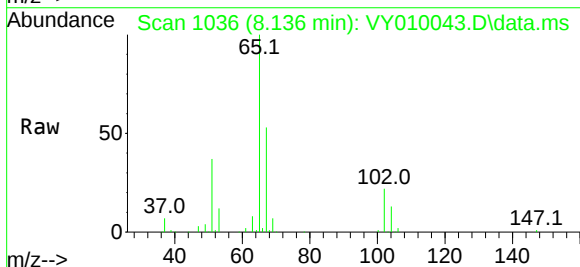


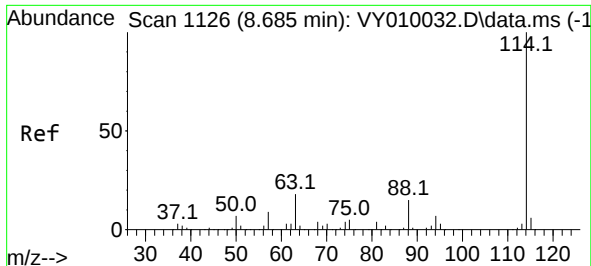
Tgt Ion: 56 Resp: 1558
Ion Ratio Lower Upper
56 100
69 132.3 28.6 43.0#
84 118.2 76.0 114.0#



#33
1,2-Dichloroethane-d4
Concen: 62.306 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.001 min
Lab File: VY010043.D
Acq: 16 Aug 2022 14:53

Tgt Ion: 65 Resp: 46918
Ion Ratio Lower Upper
65 100
67 50.3 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY010043.D

Acq: 16 Aug 2022 14:53

Instrument :

MSVOA_Y

ClientSampleId :

RO-7211930

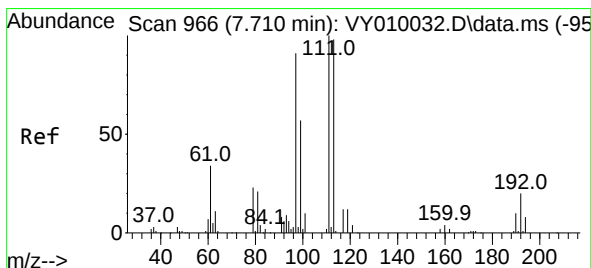
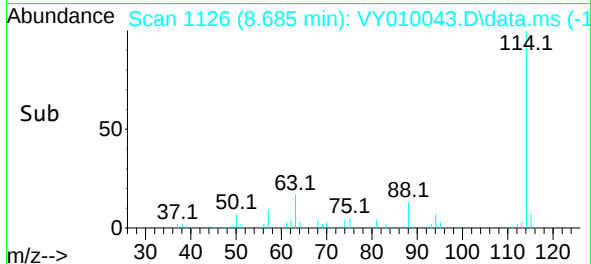
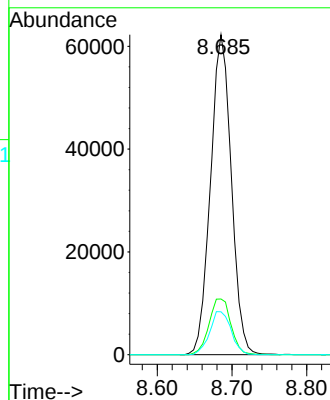
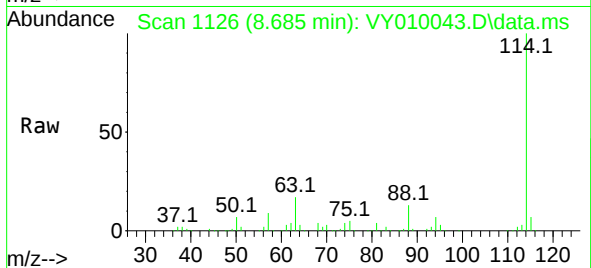
Tgt Ion:114 Resp: 120642

Ion Ratio Lower Upper

114 100

63 17.4 0.0 35.2

88 13.4 0.0 30.2



#35

Dibromofluoromethane

Concen: 53.002 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY010043.D

Acq: 16 Aug 2022 14:53

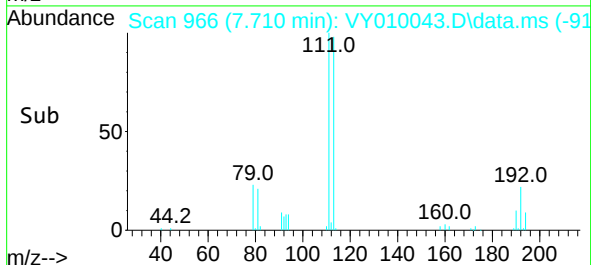
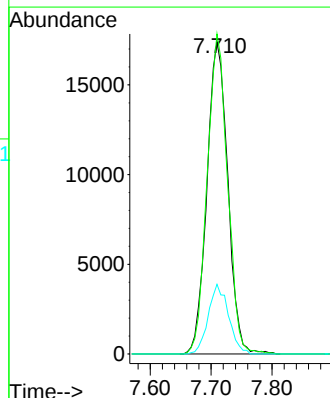
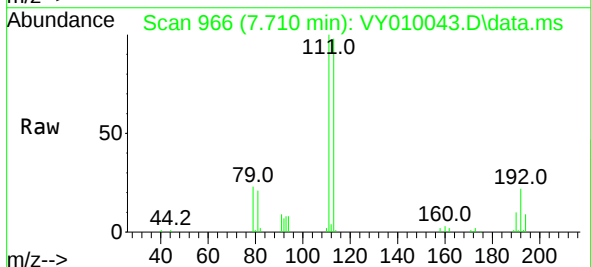
Tgt Ion:113 Resp: 41467

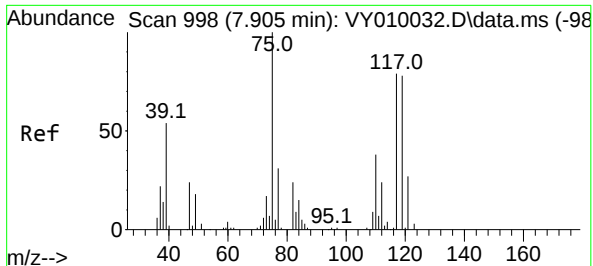
Ion Ratio Lower Upper

113 100

111 99.8 82.7 124.1

192 21.7 17.2 25.8

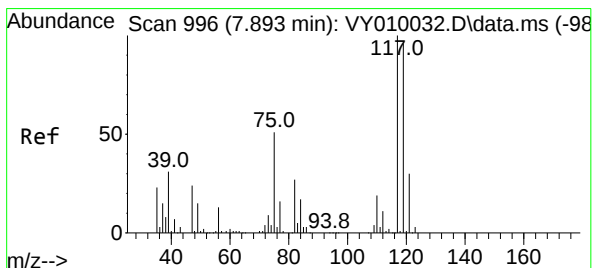
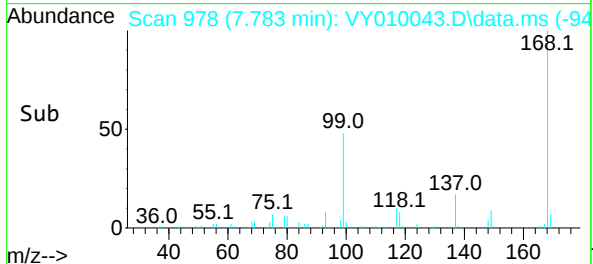
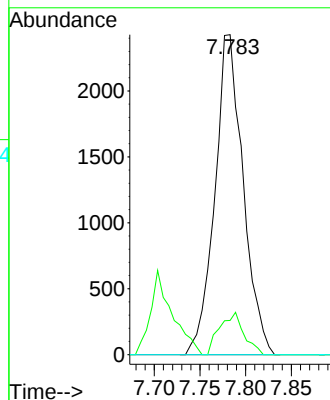
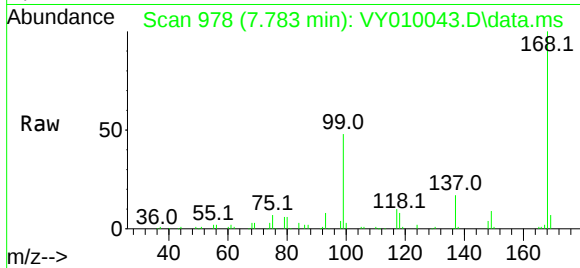




#36
1,1-Dichloropropene
Concen: 4.801 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY010043.D
Acq: 16 Aug 2022 14:53

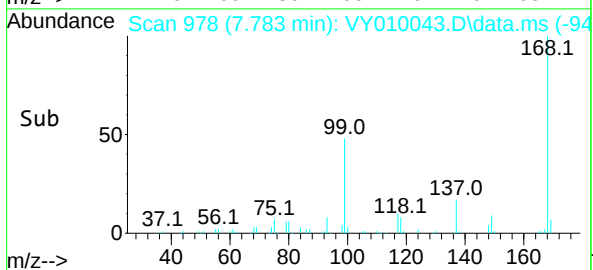
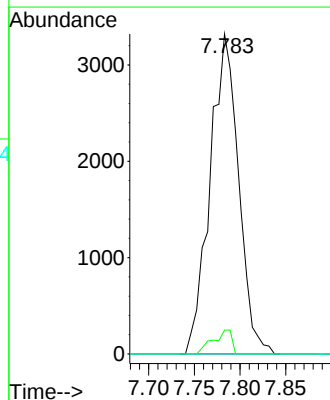
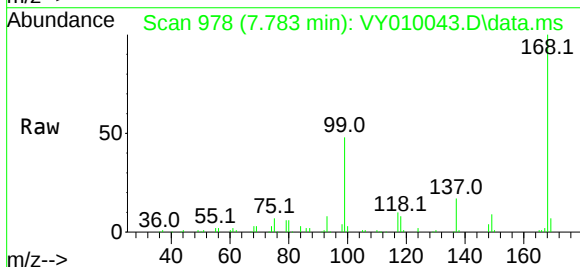
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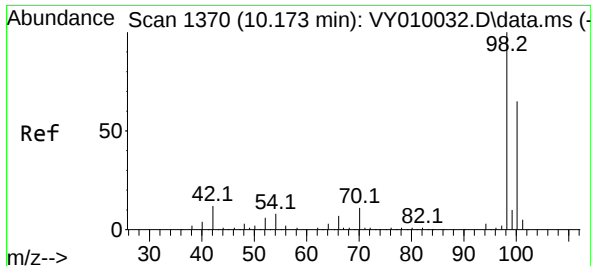
Tgt Ion: 75 Resp: 5233
Ion Ratio Lower Upper
75 100
110 11.3 18.4 55.4#
77 0.0 24.6 36.8#



#38
Carbon Tetrachloride
Concen: 5.378 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.110 min
Lab File: VY010043.D
Acq: 16 Aug 2022 14:53

Tgt Ion: 117 Resp: 7209
Ion Ratio Lower Upper
117 100
119 7.5 77.0 115.6#
121 0.0 24.2 36.4#

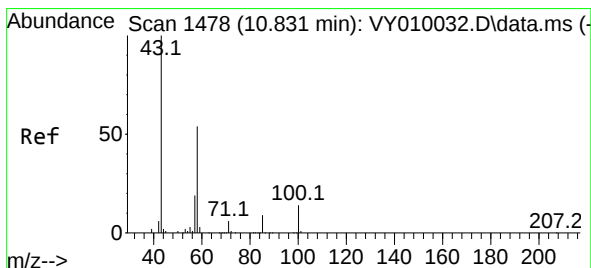
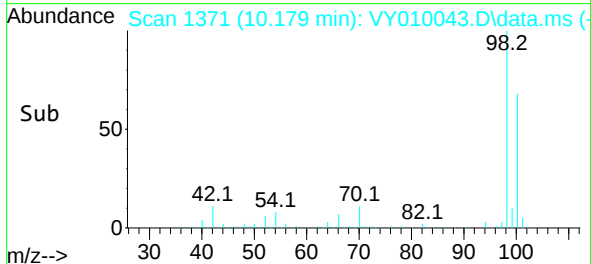
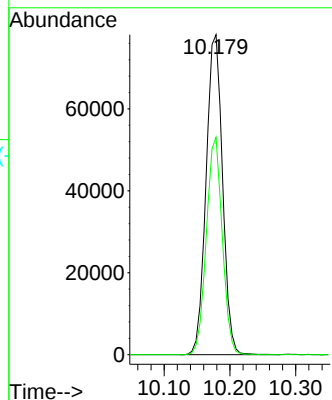
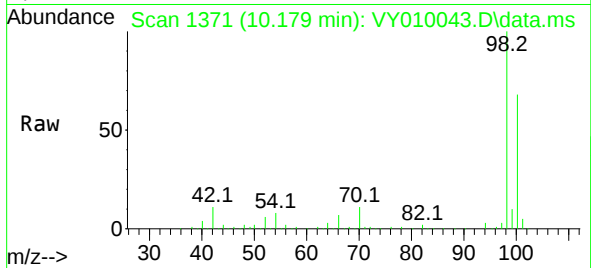




#50
Toluene-d8
Concen: 46.901 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY010043.D
Acq: 16 Aug 2022 14:53

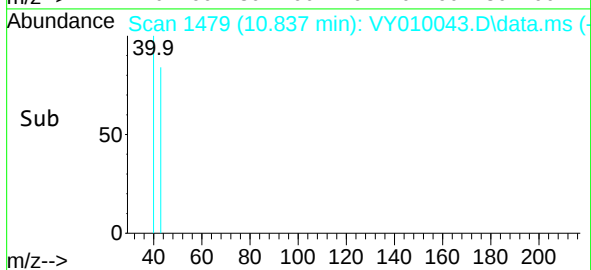
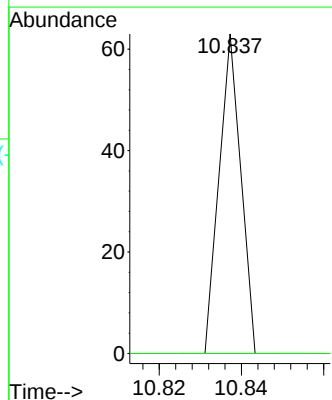
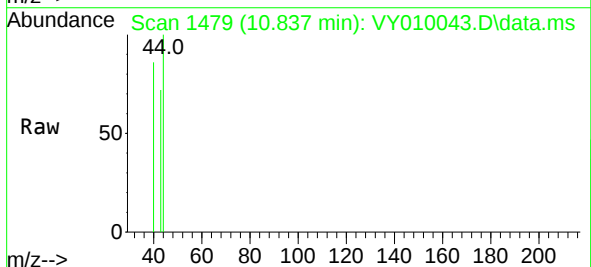
Instrument :
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ClientSampleId :
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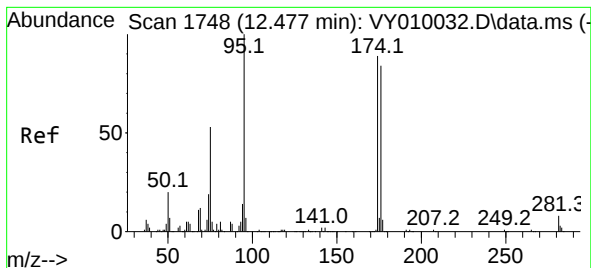
Tgt Ion: 98 Resp: 135756
Ion Ratio Lower Upper
98 100
100 66.0 52.1 78.1



#59
2-Hexanone
Concen: 24.205 ug/l
RT: 10.837 min Scan# 1479
Delta R.T. 0.006 min
Lab File: VY010043.D
Acq: 16 Aug 2022 14:53

Tgt Ion: 43 Resp: 23
Ion Ratio Lower Upper
43 100
58 0.0 26.3 78.9#

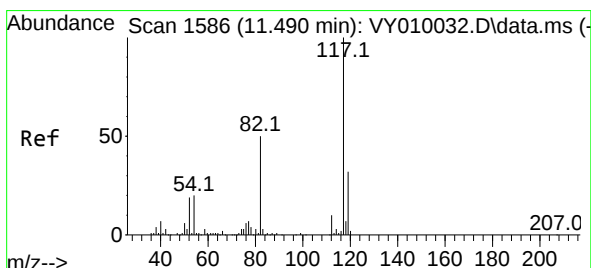
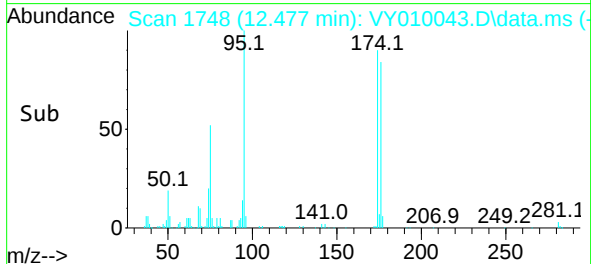
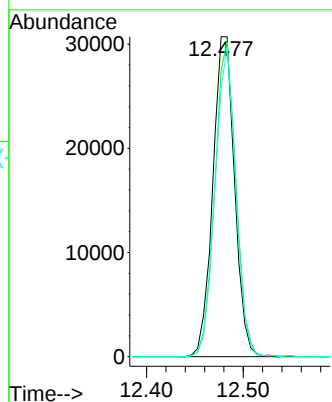
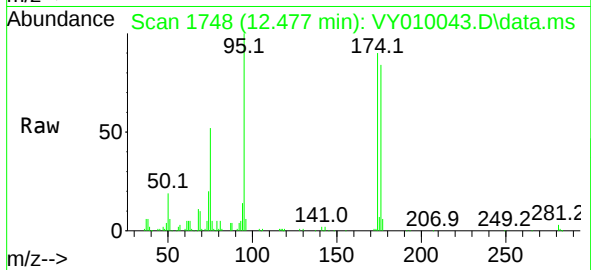




#62
4-Bromofluorobenzene
Concen: 47.219 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY010043.D
Acq: 16 Aug 2022 14:53

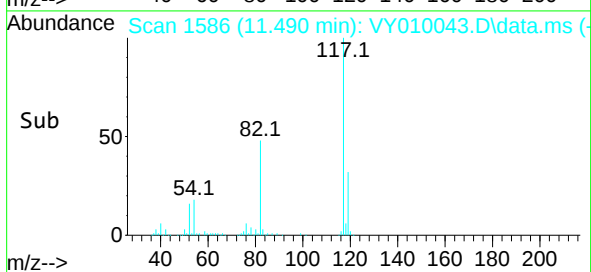
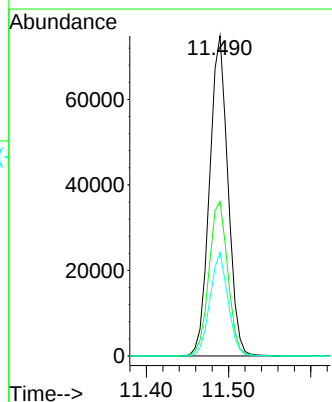
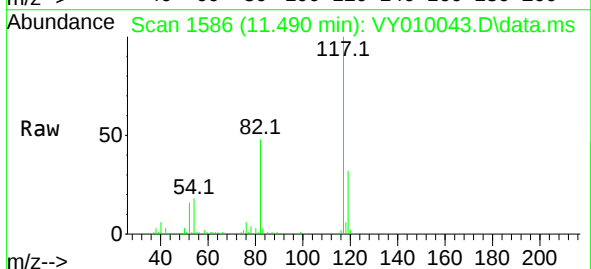
Instrument :
MSVOA_Y
ClientSampleId :
RO-7211930

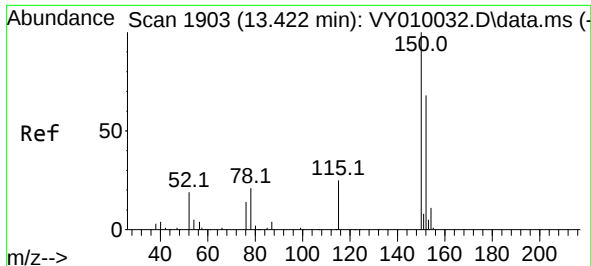
Tgt Ion: 95 Resp: 48006
Ion Ratio Lower Upper
95 100
174 95.7 0.0 184.2
176 91.9 0.0 178.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY010043.D
Acq: 16 Aug 2022 14:53

Tgt Ion: 117 Resp: 116292
Ion Ratio Lower Upper
117 100
82 48.2 39.8 59.6
119 32.3 25.6 38.4

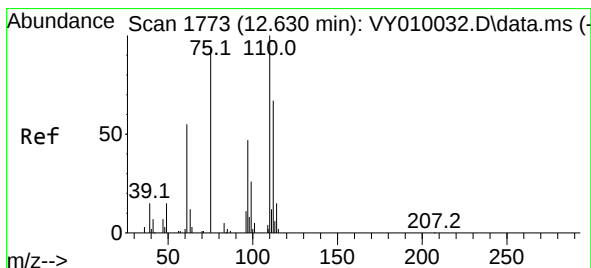
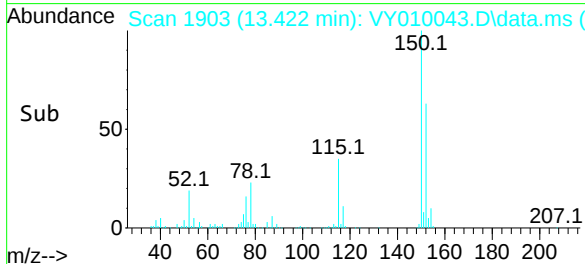
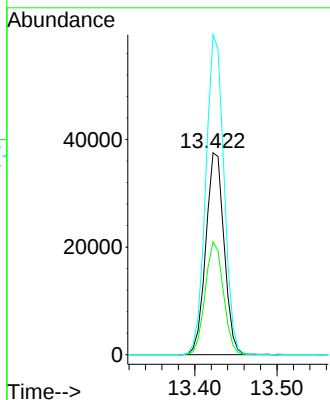
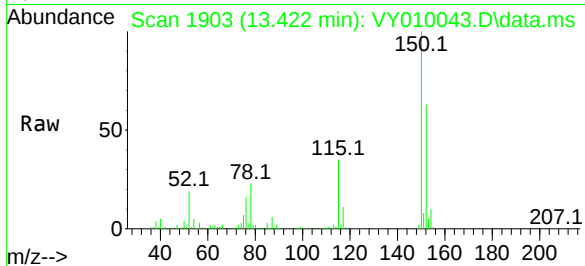




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY010043.D
 Acq: 16 Aug 2022 14:53

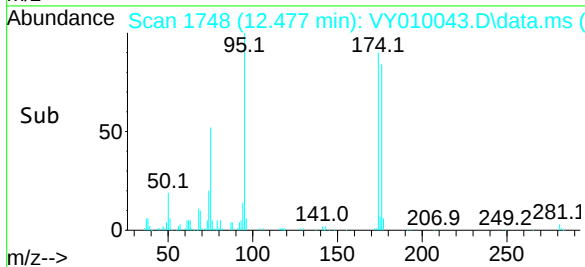
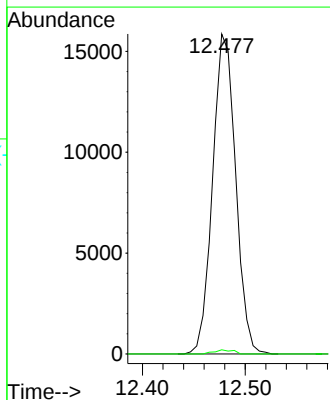
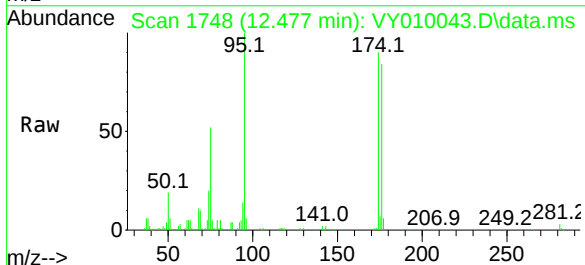
Instrument :
 MSVOA_Y
 ClientSampleId :
 RO-7211930

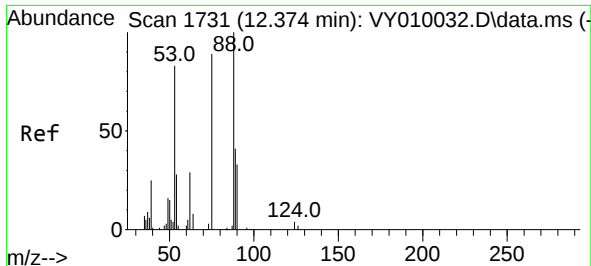
Tgt Ion:152 Resp: 58124
 Ion Ratio Lower Upper
 152 100
 115 55.5 28.1 84.3
 150 157.0 0.0 346.6



#76
 1,2,3-Trichloropropane
 Concen: 44.715 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.153 min
 Lab File: VY010043.D
 Acq: 16 Aug 2022 14:53

Tgt Ion: 75 Resp: 24636
 Ion Ratio Lower Upper
 75 100
 77 1.1 0.0 0.0#

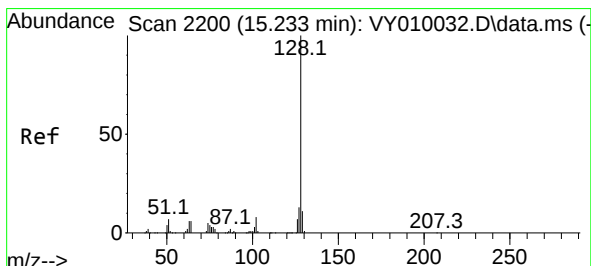
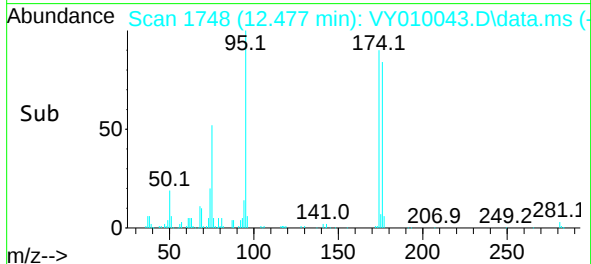
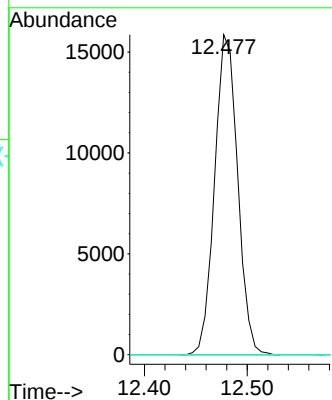
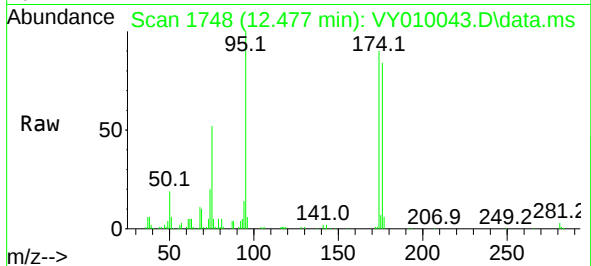




#81
trans-1,4-Dichloro-2-butene
Concen: 101.051 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.103 min
Lab File: VY010043.D
Acq: 16 Aug 2022 14:53

Instrument :
MSVOA_Y
ClientSampleId :
RO-7211930

Tgt Ion: 75 Resp: 24636
Ion Ratio Lower Upper
75 100
53 0.0 74.2 111.4#
89 0.0 37.8 56.6#



#95
Naphthalene
Concen: 4.570 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.006 min
Lab File: VY010043.D
Acq: 16 Aug 2022 14:53

Tgt Ion: 128 Resp: 533
Ion Ratio Lower Upper
128 100
127 0.0 10.4 15.6#
129 0.0 8.6 13.0#

