

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY083122\
 Data File : VY010244.D
 Acq On : 31 Aug 2022 14:44
 Operator : KP/MD
 Sample : N4303-01RE
 Misc : 5.09g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DRUM-1-9

Quant Time: Aug 31 23:41:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y083022S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 31 02:23:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	144898	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	239194	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	231793	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	111415	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	78712	64.312	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 128.620%	
35) Dibromofluoromethane	7.709	113	74061	53.865	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.740%	
50) Toluene-d8	10.179	98	277579	54.282	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 108.560%	
62) 4-Bromofluorobenzene	12.483	95	95284	49.999	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 100.000%	

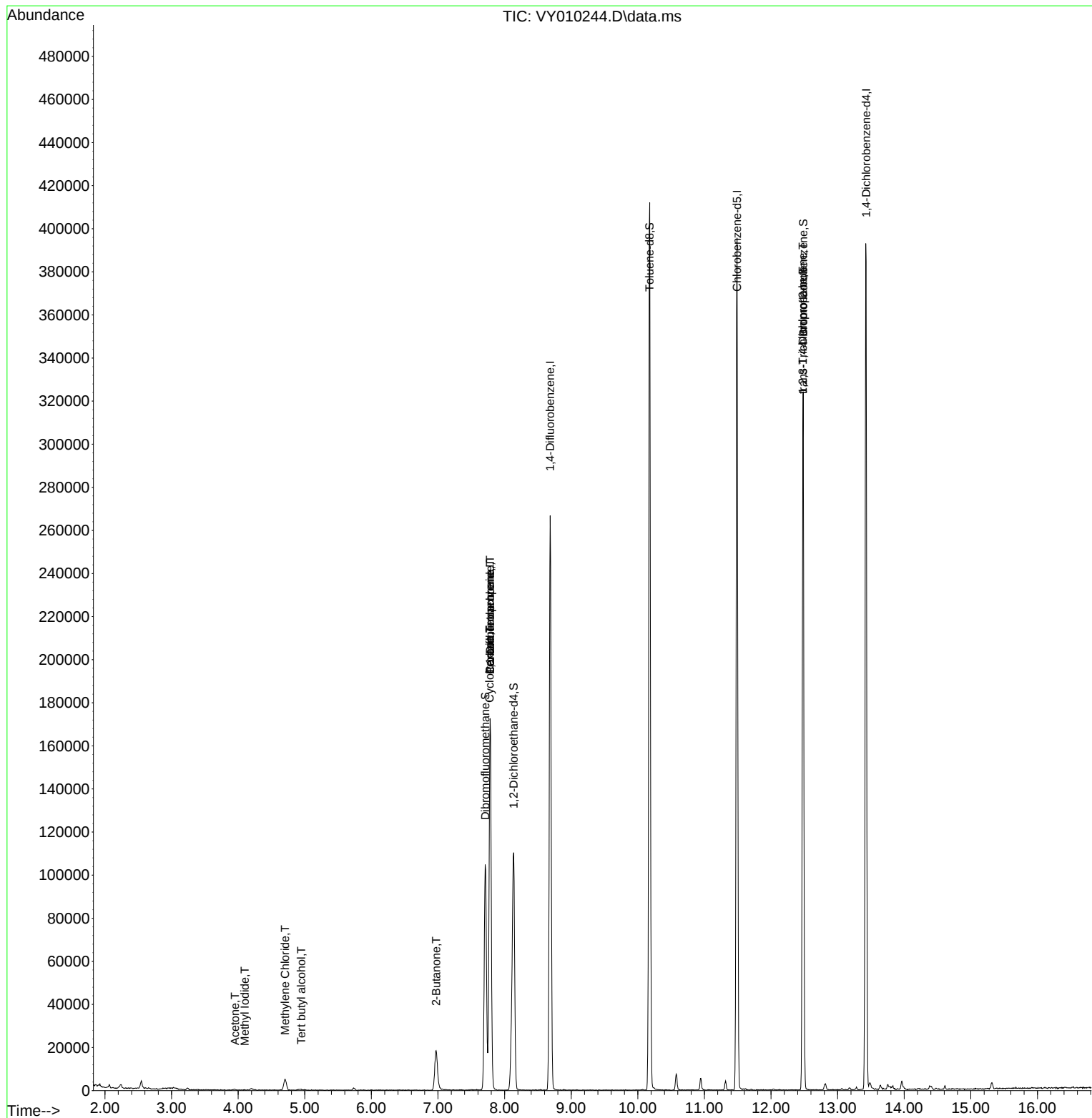
Target Compounds			Qvalue			
10) Methyl Iodide	4.100	142	181	1.545	ug/l #	35
11) Tert butyl alcohol	4.948	59	630	5.161	ug/l #	77
16) Acetone	3.954	43	464	1.809	ug/l	90
20) Methylene Chloride	4.704	84	3998	2.647	ug/l #	79
25) 2-Butanone	6.972	43	984	2.227	ug/l #	54
31) Cyclohexane	7.777	56	2354	1.080	ug/l #	8
36) 1,1-Dichloropropene	7.783	75	9150	4.386	ug/l #	50
38) Carbon Tetrachloride	7.783	117	13270	5.544	ug/l #	14
76) 1,2,3-Trichloropropane	12.477	75	46480	42.426	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	46480	88.515	ug/l #	7

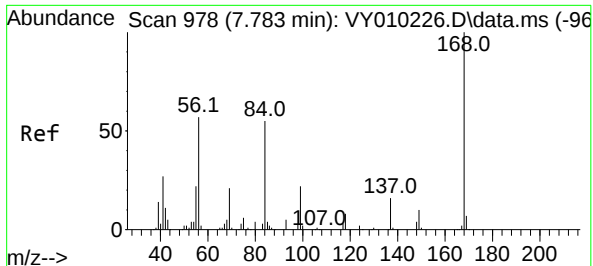
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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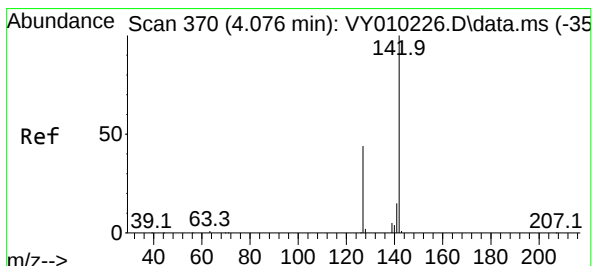
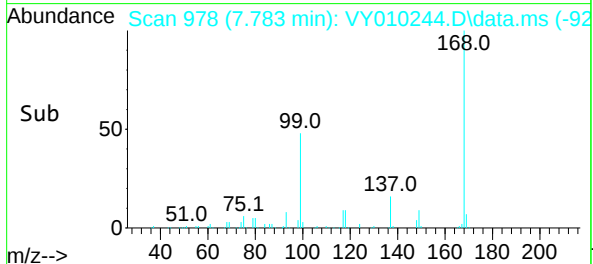
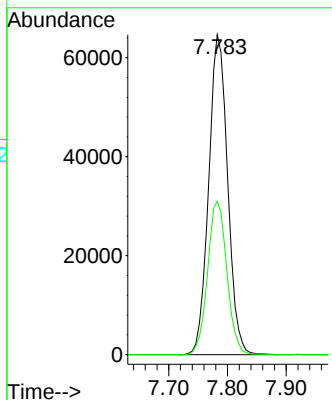
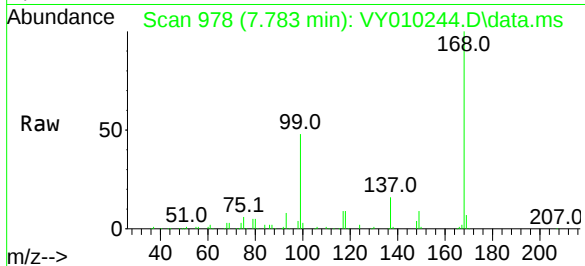




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010244.D
Acq: 31 Aug 2022 14:44

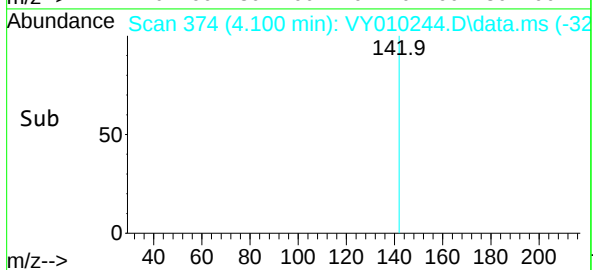
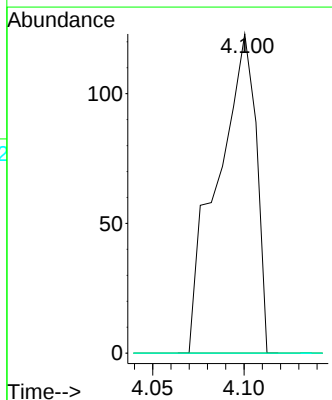
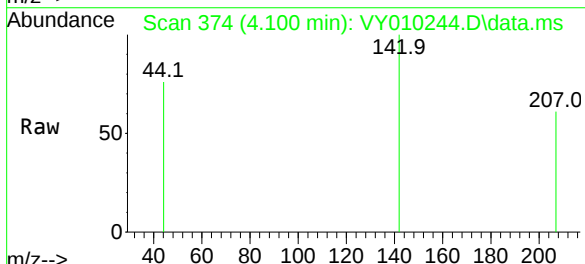
Instrument :
MSVOA_Y
ClientSampleId :
DRUM-1-9

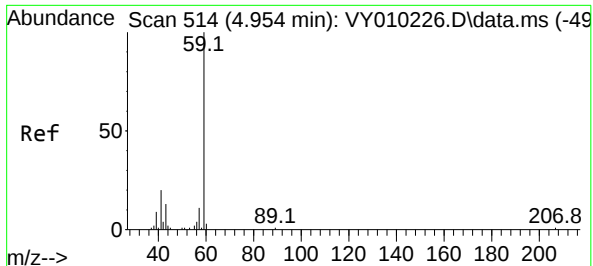
Tgt Ion:168 Resp: 144898
Ion Ratio Lower Upper
168 100
99 47.9 46.9 70.3



#10
Methyl Iodide
Concen: 1.545 ug/l
RT: 4.100 min Scan# 374
Delta R.T. 0.024 min
Lab File: VY010244.D
Acq: 31 Aug 2022 14:44

Tgt Ion:142 Resp: 181
Ion Ratio Lower Upper
142 100
127 0.0 41.5 62.3#
141 0.0 11.9 17.9#





#11

Tert butyl alcohol

Concen: 5.161 ug/l

RT: 4.948 min Scan# 514

Delta R.T. -0.006 min

Lab File: VY010244.D

Acq: 31 Aug 2022 14:44

Instrument :

MSVOA_Y

ClientSampleId :

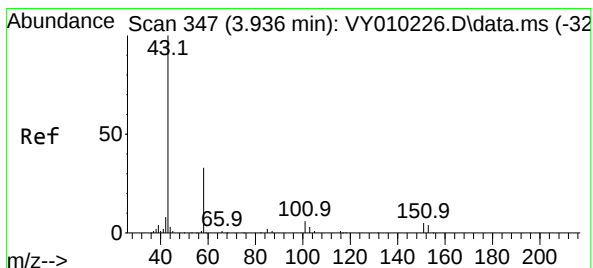
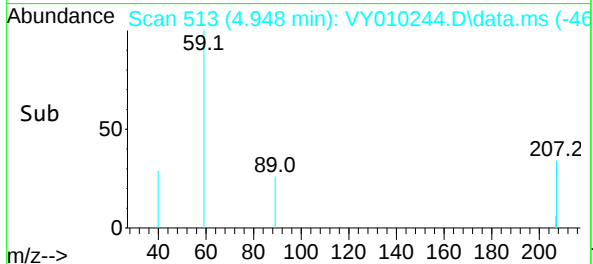
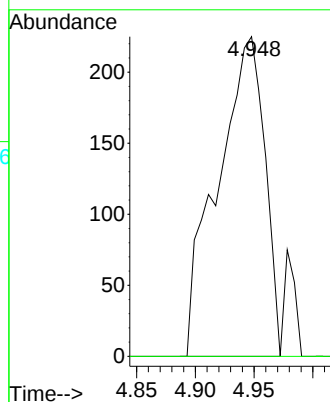
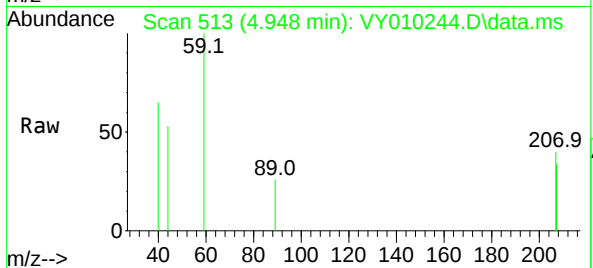
DRUM-1-9

Tgt Ion: 59 Resp: 630

Ion Ratio Lower Upper

59 100

57 0.0 6.4 9.6#



#16

Acetone

Concen: 1.809 ug/l

RT: 3.954 min Scan# 350

Delta R.T. 0.018 min

Lab File: VY010244.D

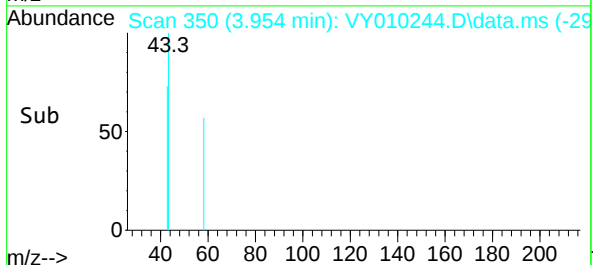
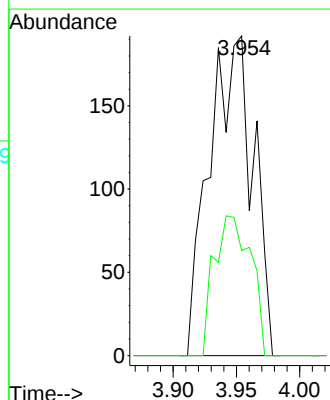
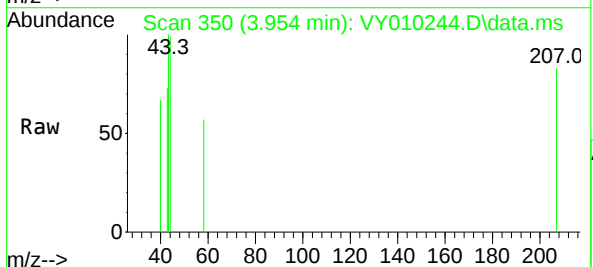
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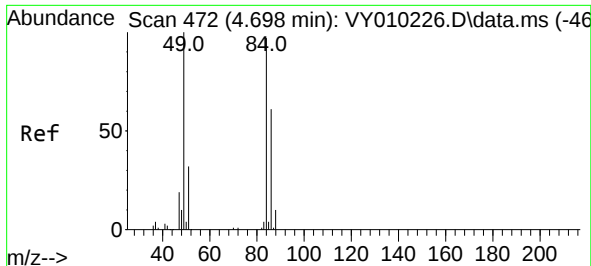
Tgt Ion: 43 Resp: 464

Ion Ratio Lower Upper

43 100

58 32.8 22.0 33.0

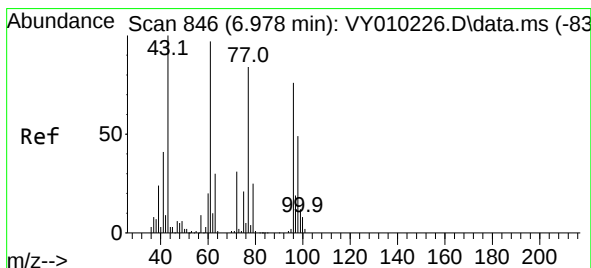
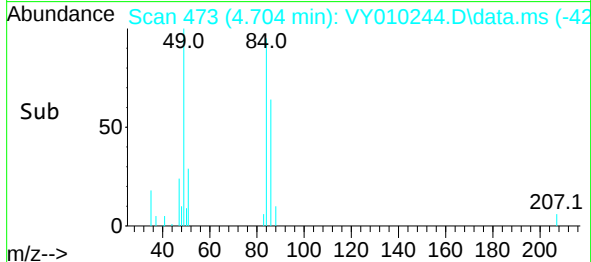
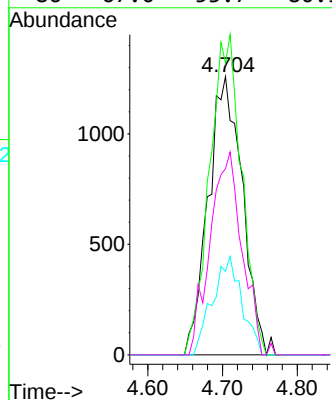
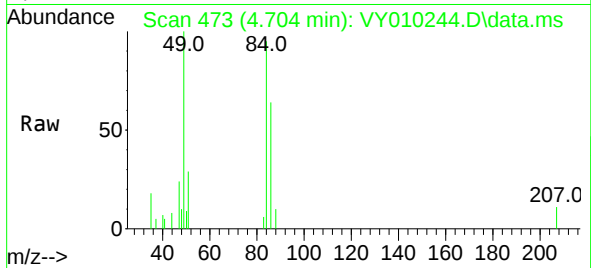




#20
Methylene Chloride
Concen: 2.647 ug/l
RT: 4.704 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY010244.D
Acq: 31 Aug 2022 14:44

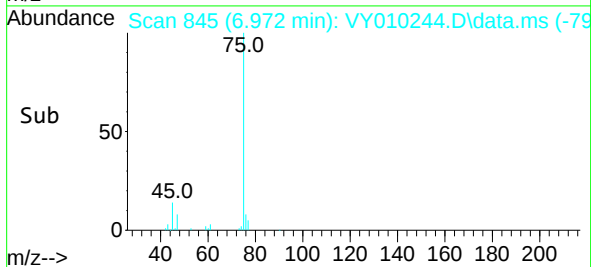
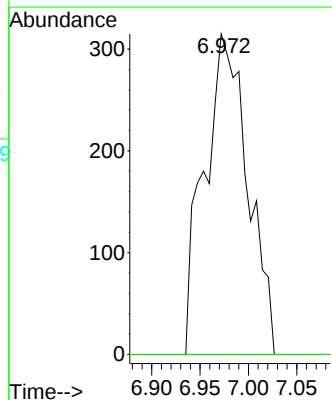
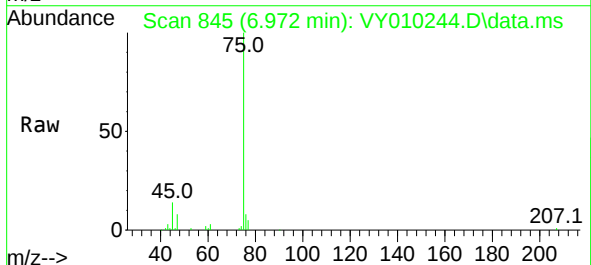
Instrument :
MSVOA_Y
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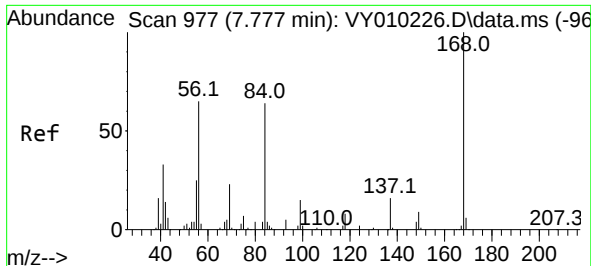
Tgt Ion: 84 Resp: 3998
Ion Ratio Lower Upper
84 100
49 104.9 114.4 171.6#
51 30.0 35.3 52.9#
86 67.0 53.7 80.5



#25
2-Butanone
Concen: 2.227 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.006 min
Lab File: VY010244.D
Acq: 31 Aug 2022 14:44

Tgt Ion: 43 Resp: 984
Ion Ratio Lower Upper
43 100
72 0.0 17.7 26.5#

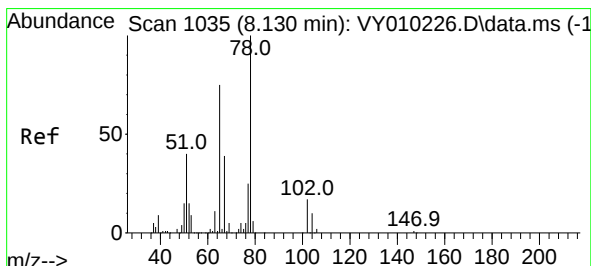
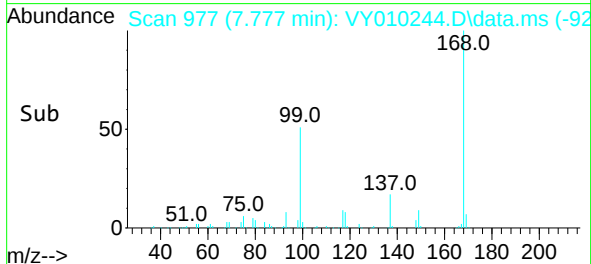
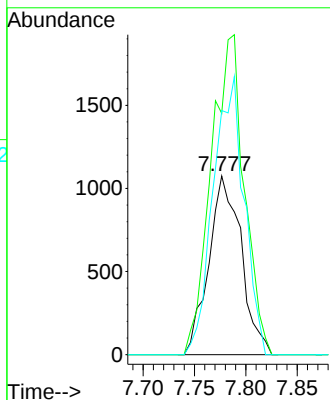
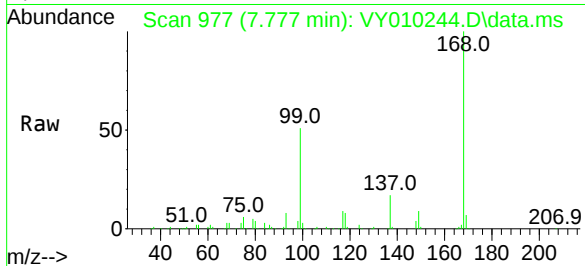




#31
Cyclohexane
Concen: 1.080 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010244.D
Acq: 31 Aug 2022 14:44

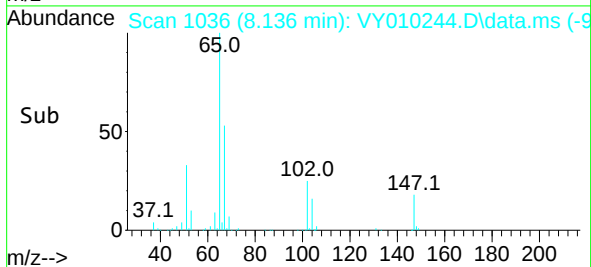
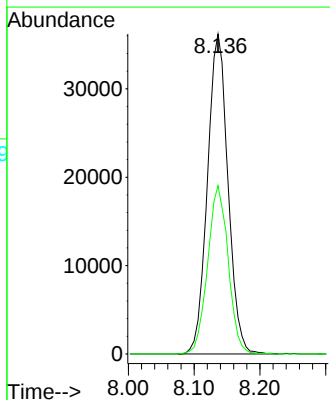
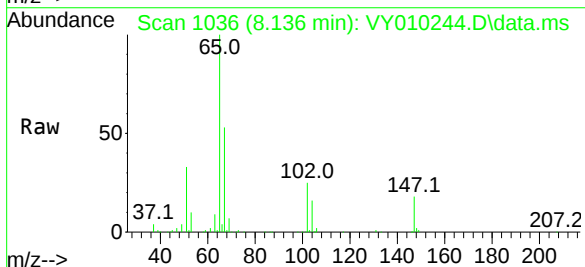
Instrument :
MSVOA_Y
ClientSampleId :
DRUM-1-9

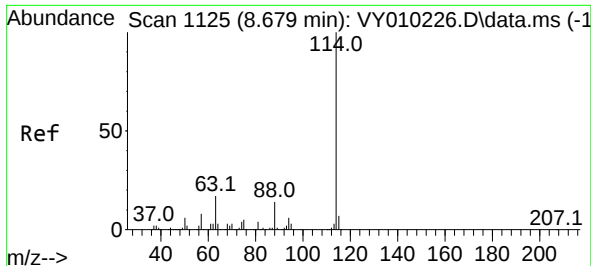
Tgt Ion: 56 Resp: 2354
Ion Ratio Lower Upper
56 100
69 135.0 26.7 40.1#
84 136.7 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 64.312 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.006 min
Lab File: VY010244.D
Acq: 31 Aug 2022 14:44

Tgt Ion: 65 Resp: 78712
Ion Ratio Lower Upper
65 100
67 52.6 0.0 99.4

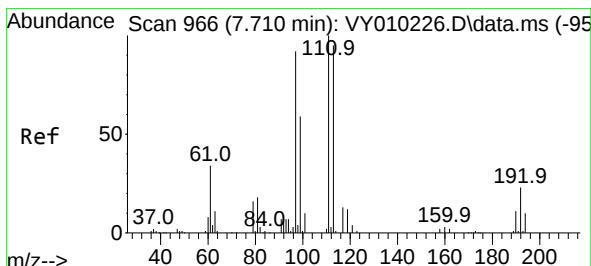
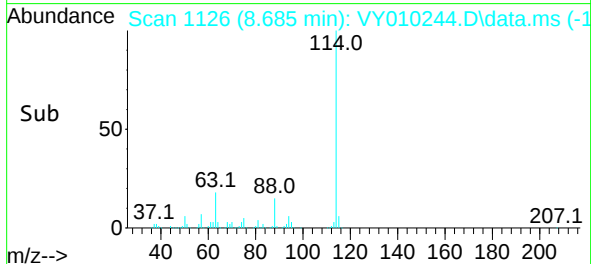
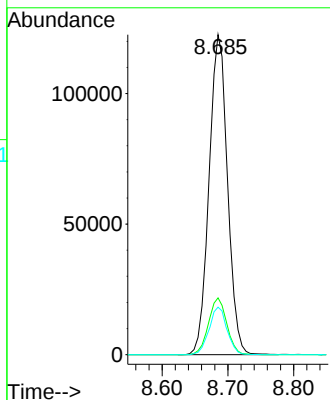
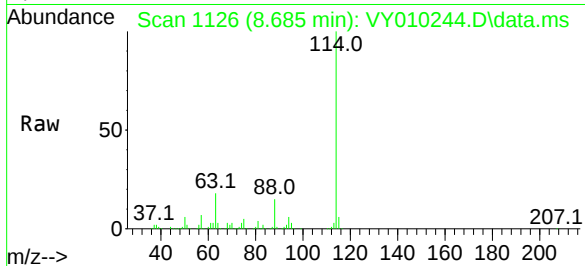




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1125
Delta R.T. 0.006 min
Lab File: VY010244.D
Acq: 31 Aug 2022 14:44

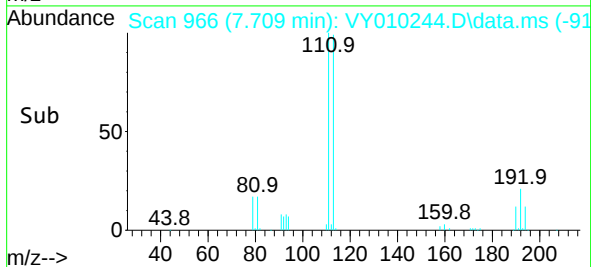
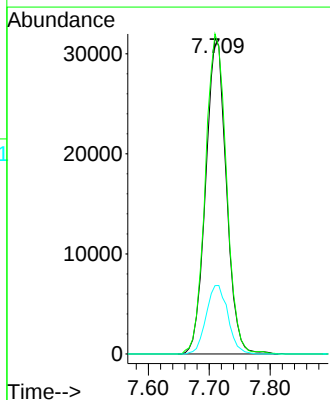
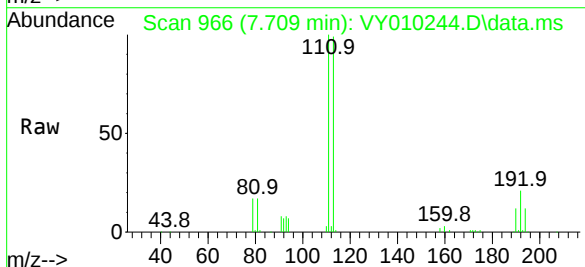
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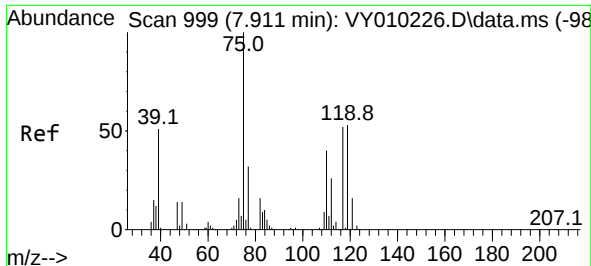
Tgt Ion:114 Resp: 239194
Ion Ratio Lower Upper
114 100
63 17.8 0.0 43.2
88 14.8 0.0 31.8



#35
Dibromofluoromethane
Concen: 53.865 ug/l
RT: 7.709 min Scan# 966
Delta R.T. -0.001 min
Lab File: VY010244.D
Acq: 31 Aug 2022 14:44

Tgt Ion:113 Resp: 74061
Ion Ratio Lower Upper
113 100
111 104.3 82.6 124.0
192 22.9 17.6 26.4

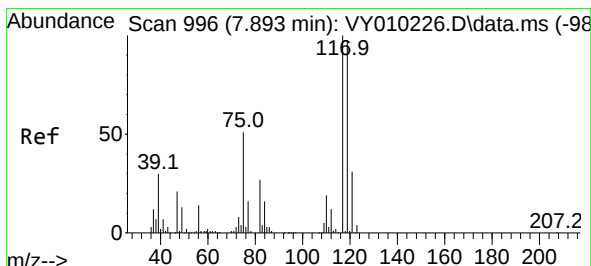
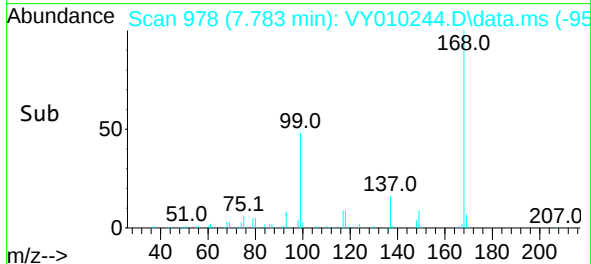
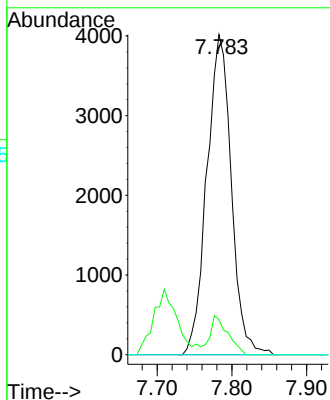
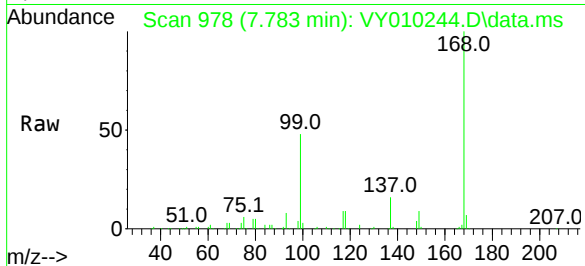




#36
1,1-Dichloropropene
Concen: 4.386 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY010244.D
Acq: 31 Aug 2022 14:44

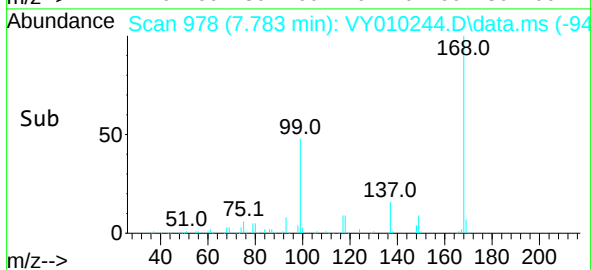
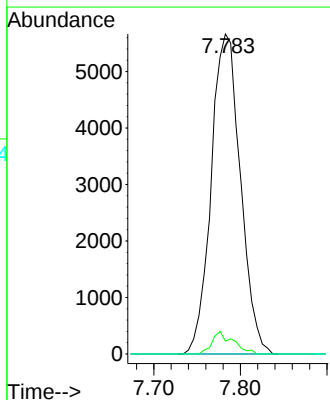
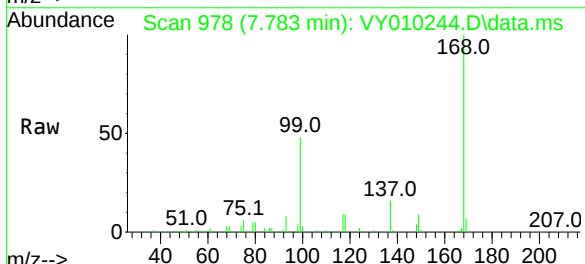
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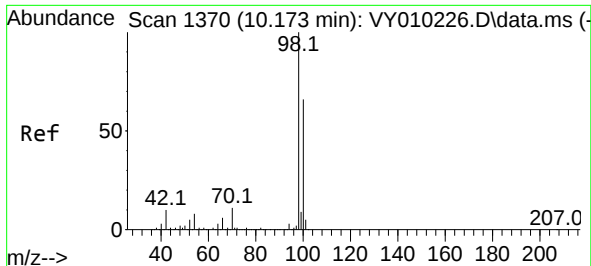
Tgt Ion: 75 Resp: 9150
Ion Ratio Lower Upper
75 100
110 8.9 17.1 51.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.544 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.110 min
Lab File: VY010244.D
Acq: 31 Aug 2022 14:44

Tgt Ion: 117 Resp: 13270
Ion Ratio Lower Upper
117 100
119 4.0 77.9 116.9#
121 0.0 24.8 37.2#

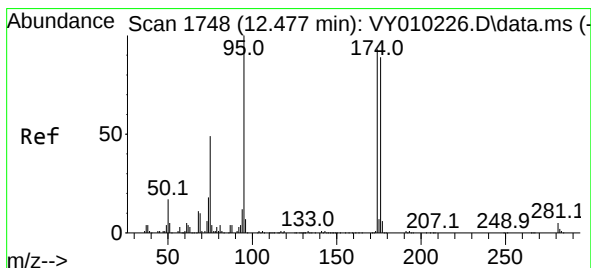
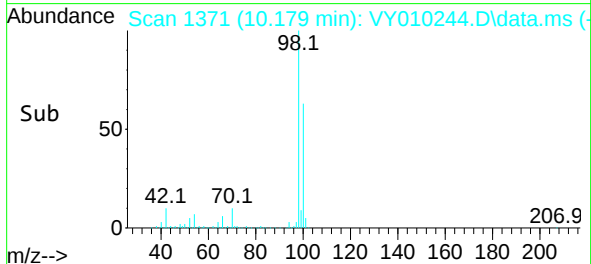
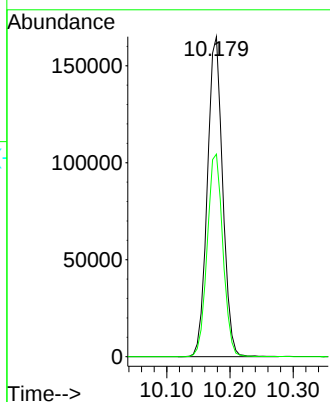
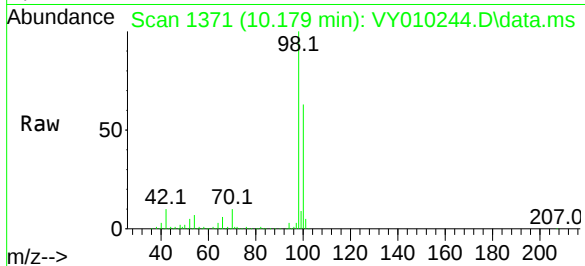




#50
Toluene-d8
Concen: 54.282 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY010244.D
Acq: 31 Aug 2022 14:44

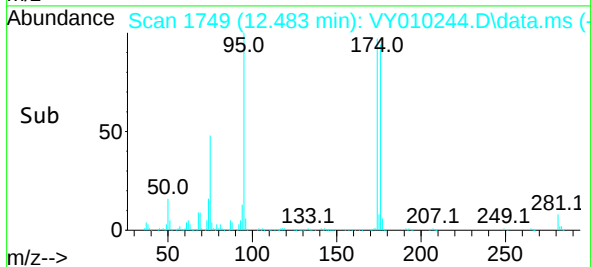
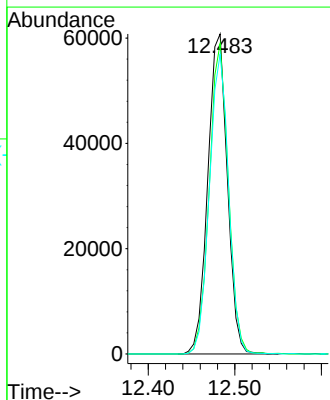
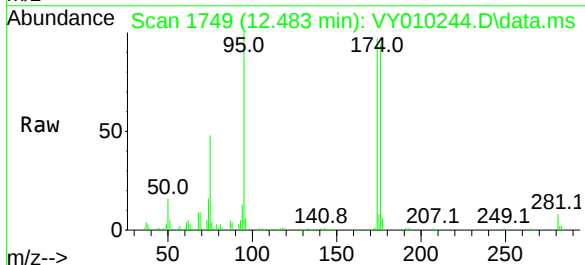
Instrument :
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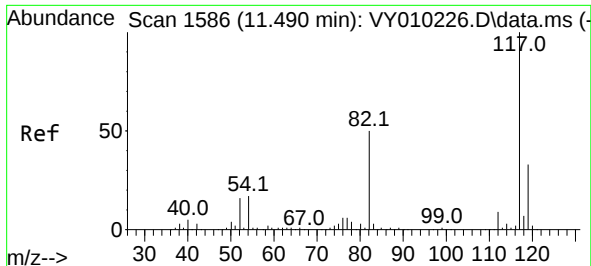
Tgt Ion: 98 Resp: 277579
Ion Ratio Lower Upper
98 100
100 65.0 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 49.999 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY010244.D
Acq: 31 Aug 2022 14:44

Tgt Ion: 95 Resp: 95284
Ion Ratio Lower Upper
95 100
174 94.7 0.0 177.0
176 92.2 0.0 175.8

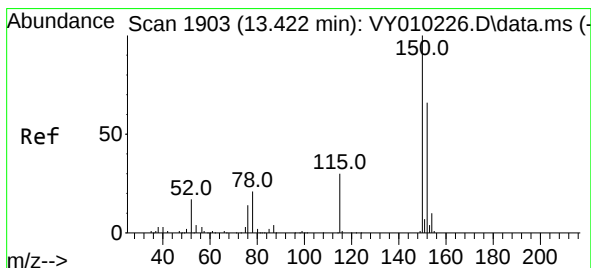
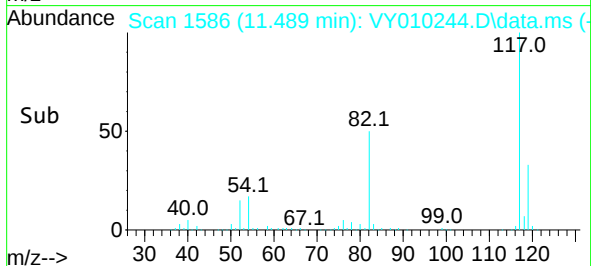
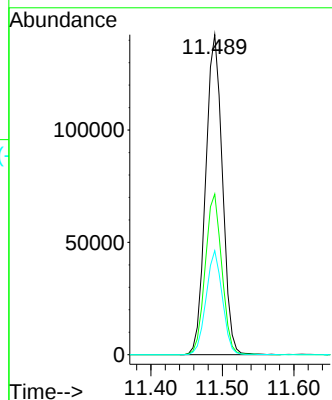
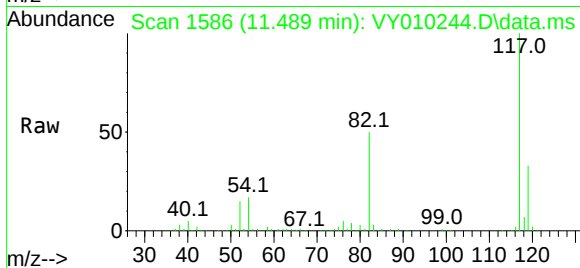




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010244.D
Acq: 31 Aug 2022 14:44

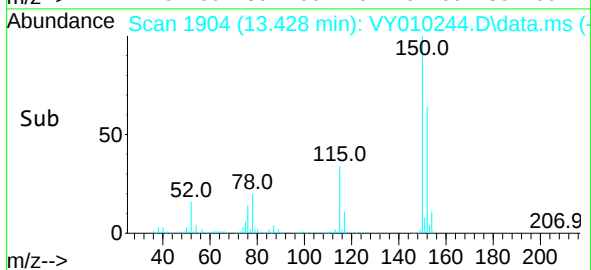
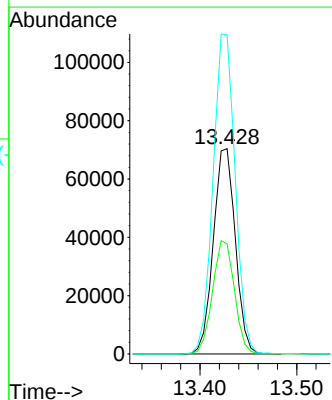
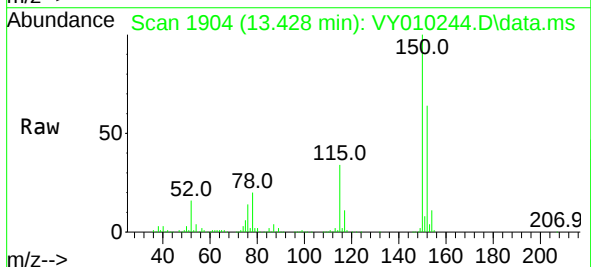
Instrument :
MSVOA_Y
ClientSampleId :
DRUM-1-9

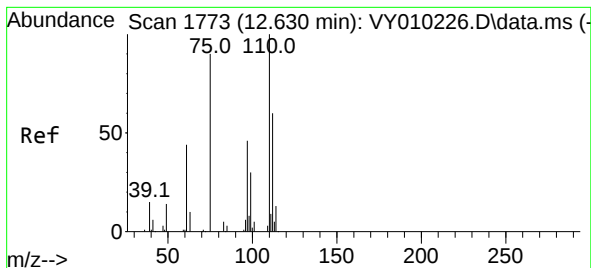
Tgt Ion:117 Resp: 231793
Ion Ratio Lower Upper
117 100
82 50.2 43.0 64.4
119 32.5 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY010244.D
Acq: 31 Aug 2022 14:44

Tgt Ion:152 Resp: 111415
Ion Ratio Lower Upper
152 100
115 54.8 28.2 84.7
150 156.3 0.0 347.6

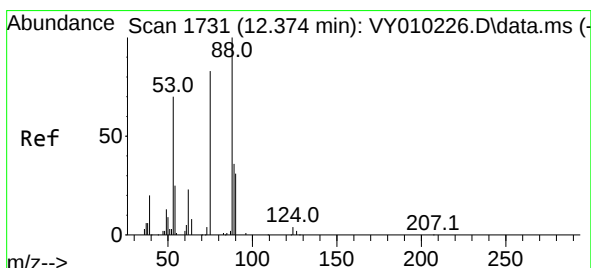
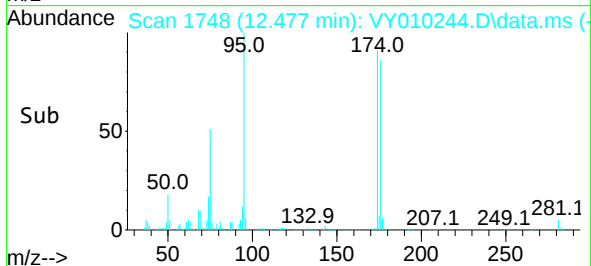
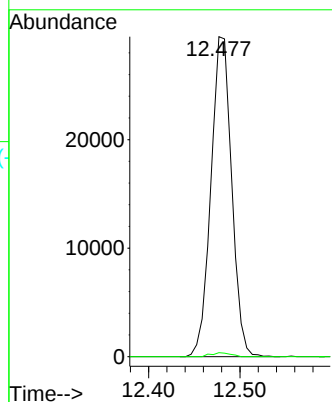
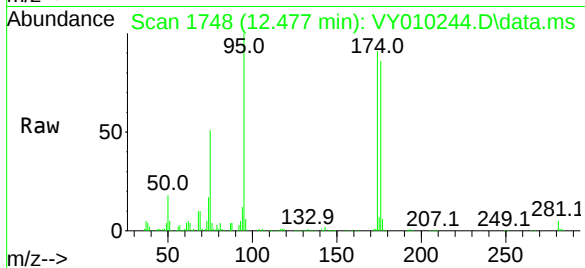




#76
1,2,3-Trichloropropane
Concen: 42.426 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY010244.D
Acq: 31 Aug 2022 14:44

Instrument :
MSVOA_Y
ClientSampleId :
DRUM-1-9

Tgt Ion: 75 Resp: 46480
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 88.515 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.103 min
Lab File: VY010244.D
Acq: 31 Aug 2022 14:44

Tgt Ion: 75 Resp: 46480
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#

