

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060222\
 Data File : VY009131.D
 Acq On : 02 Jun 2022 16:47
 Operator : KP/MD
 Sample : N3143-02
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 20220416-COMPOSITE-E

Quant Time: Jun 03 03:13:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052022S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 20 23:50:52 2022
 Response via : Initial Calibration

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

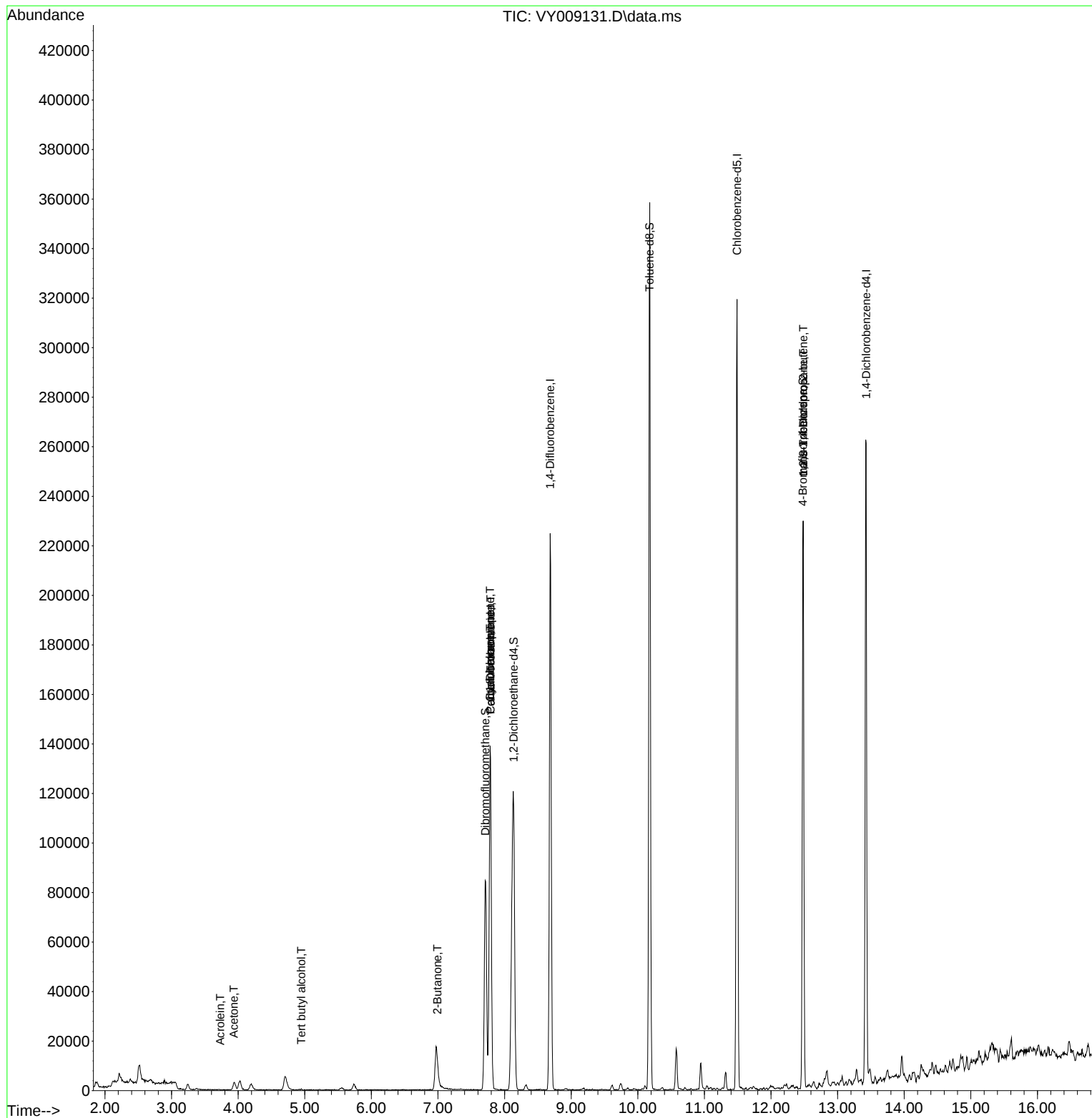
Internal Standards						
1) Pentafluorobenzene	7.789	168	104565	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	184465	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	163491	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	64242	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	65838	61.178	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 122.360%			
35) Dibromofluoromethane	7.710	113	57776	50.368	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.740%			
50) Toluene-d8	10.179	98	220672	52.147	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 104.300%			
62) 4-Bromofluorobenzene	12.477	95	58972	34.546	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 69.100%			
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.948	59	380	3.481	ug/l #	77
13) Acrolein	3.729	56	60	1.670	ug/l #	4
16) Acetone	3.936	43	5384	24.034	ug/l	99
20) Methylene Chloride	4.704	84	3788	Below Cal	#	78
25) 2-Butanone	6.990	43	2719	6.796	ug/l #	86
31) Cyclohexane	7.783	56	2848	1.353	ug/l #	17
36) 1,1-Dichloropropene	7.783	75	8967	4.593	ug/l #	50
38) Carbon Tetrachloride	7.789	117	10037	4.915	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	35729	51.790	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	35729	106.299	ug/l #	8

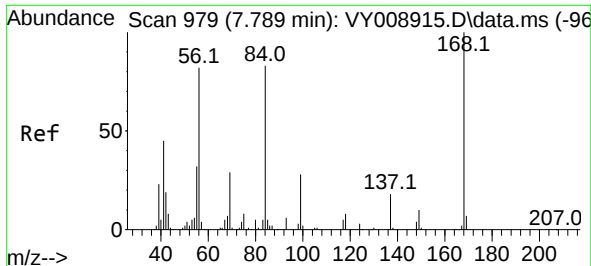
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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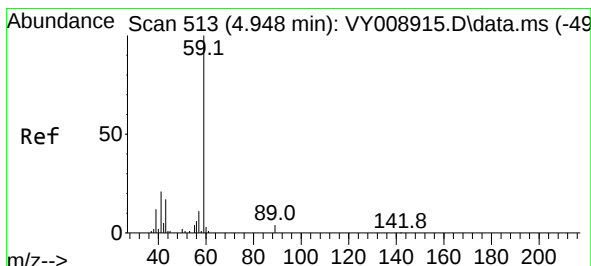
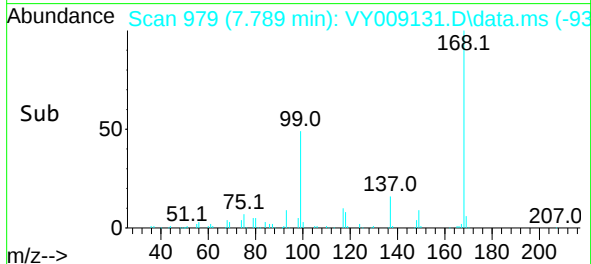
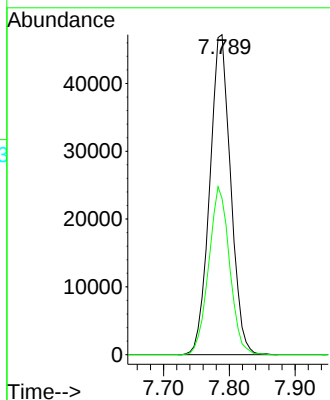
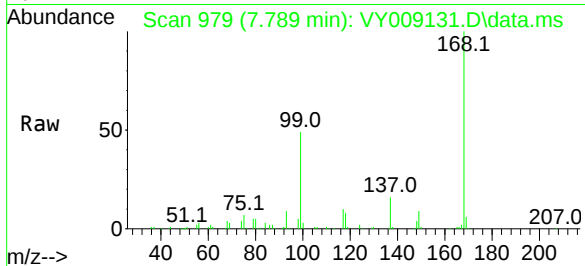




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009131.D
Acq: 02 Jun 2022 16:47

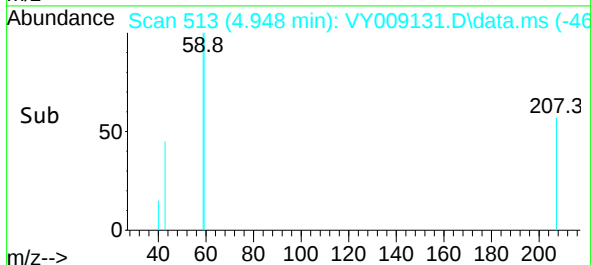
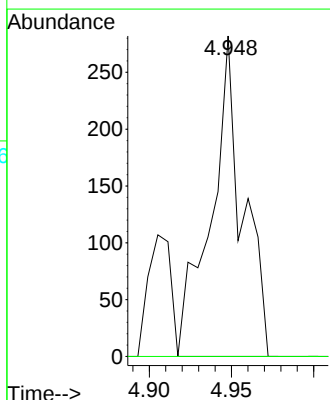
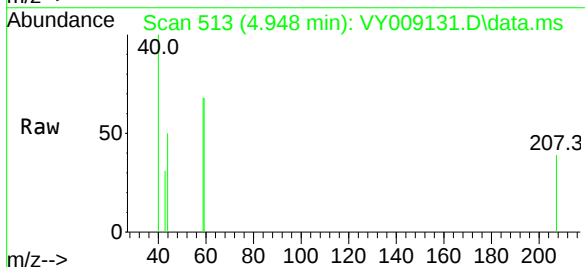
Instrument :
MSVOA_Y
ClientSampleId :
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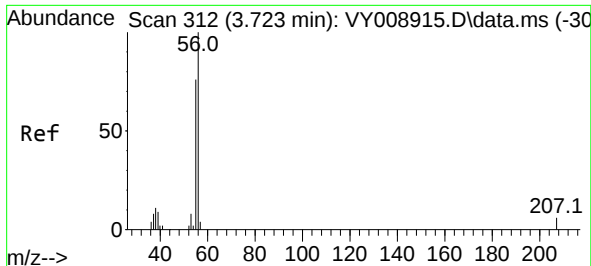
Tgt Ion:168 Resp: 104565
Ion Ratio Lower Upper
168 100
99 48.8 46.9 70.3



#11
Tert butyl alcohol
Concen: 3.481 ug/l
RT: 4.948 min Scan# 513
Delta R.T. -0.000 min
Lab File: VY009131.D
Acq: 02 Jun 2022 16:47

Tgt Ion: 59 Resp: 380
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

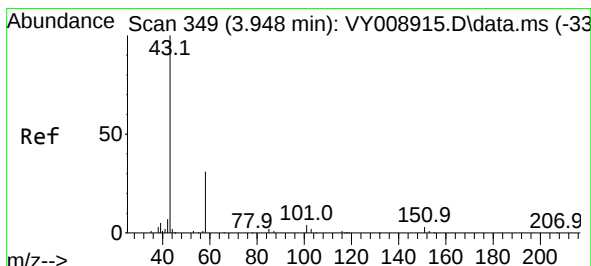
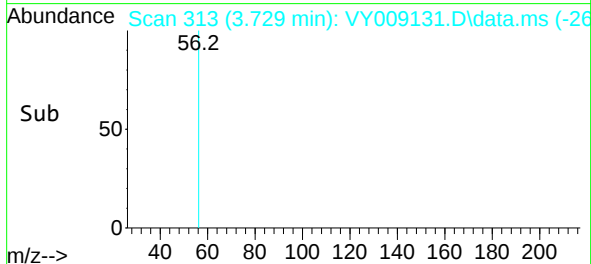
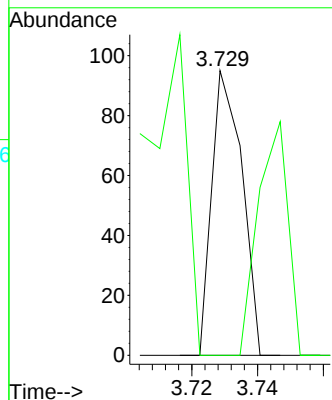
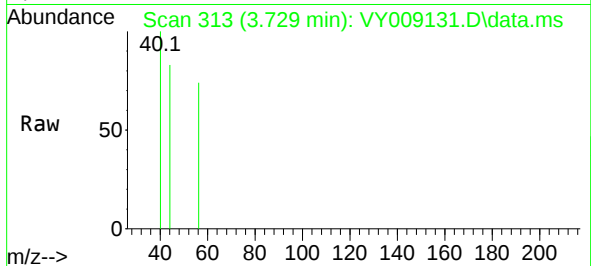




#13
Acrolein
Concen: 1.670 ug/l
RT: 3.729 min Scan# 312
Delta R.T. 0.006 min
Lab File: VY009131.D
Acq: 02 Jun 2022 16:47

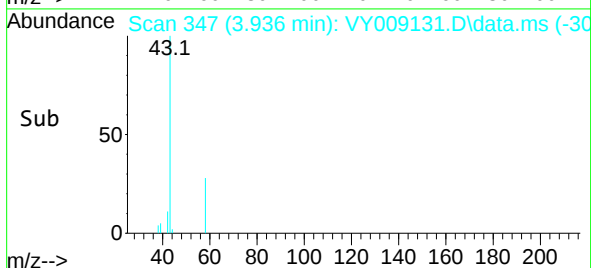
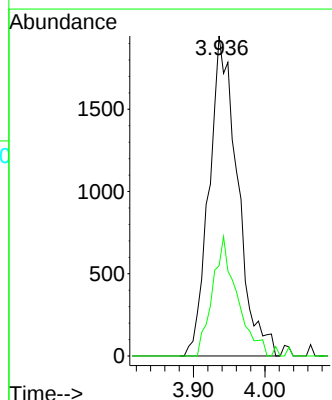
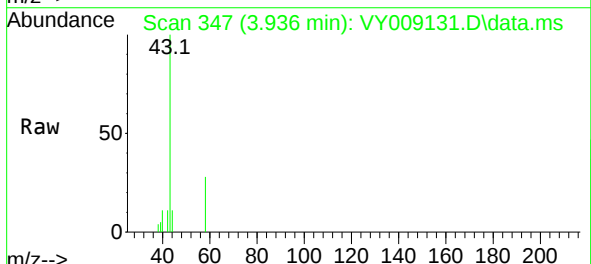
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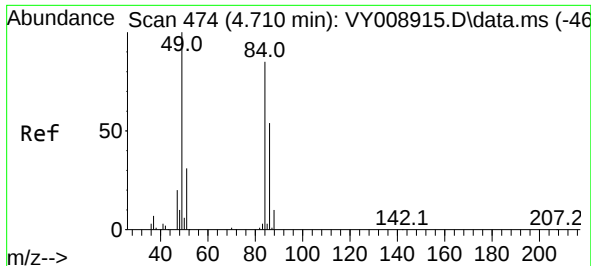
Tgt Ion: 56 Resp: 60
Ion Ratio Lower Upper
56 100
55 151.7 57.6 86.4#



#16
Acetone
Concen: 24.034 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.012 min
Lab File: VY009131.D
Acq: 02 Jun 2022 16:47

Tgt Ion: 43 Resp: 5384
Ion Ratio Lower Upper
43 100
58 28.2 22.0 33.0

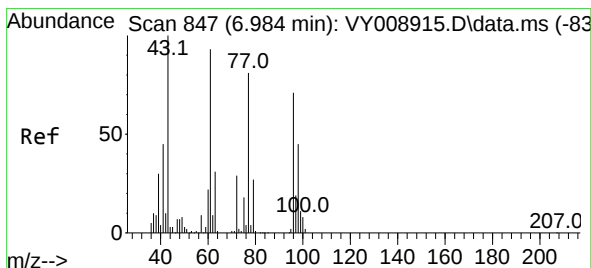
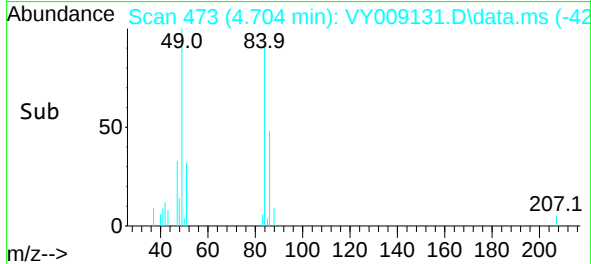
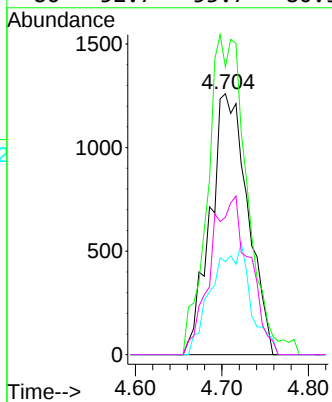
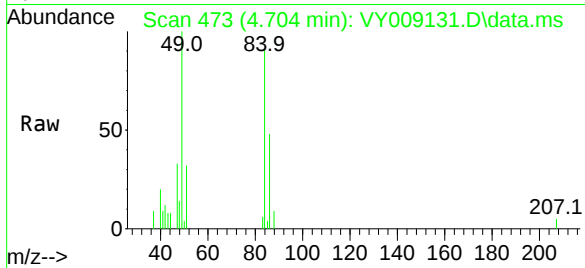




#20
Methylene Chloride
Concen: Below Cal
RT: 4.704 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY009131.D
Acq: 02 Jun 2022 16:47

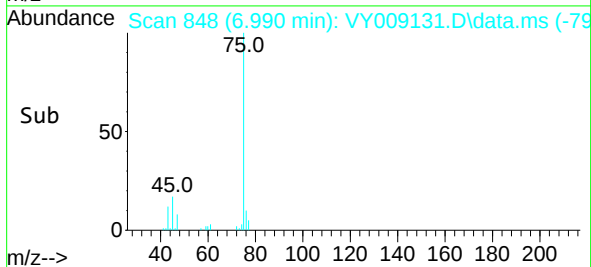
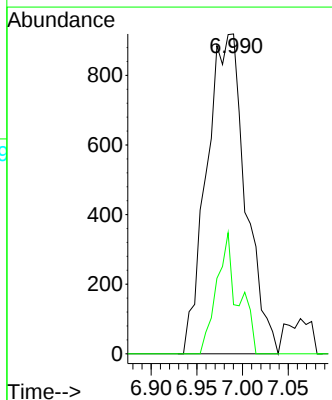
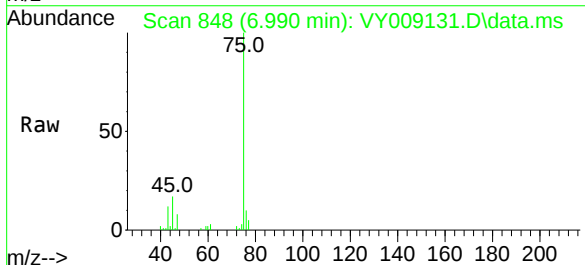
Instrument :
MSVOA_Y
ClientSampleId :
20220416-COMPOSITE-E

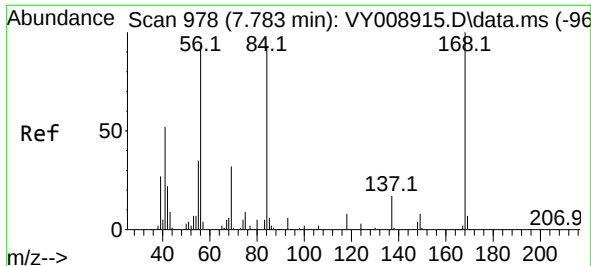
Tgt Ion: 84 Resp: 3788
Ion Ratio Lower Upper
84 100
49 110.2 114.4 171.6#
51 35.7 35.3 52.9
86 52.7 53.7 80.5#



#25
2-Butanone
Concen: 6.796 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY009131.D
Acq: 02 Jun 2022 16:47

Tgt Ion: 43 Resp: 2719
Ion Ratio Lower Upper
43 100
72 15.3 17.7 26.5#

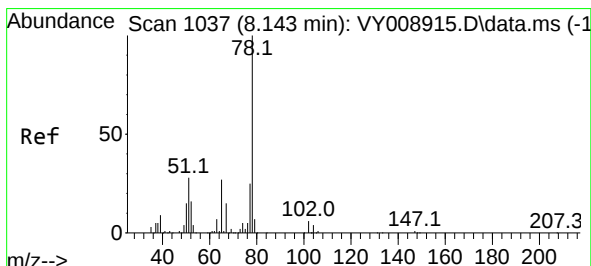
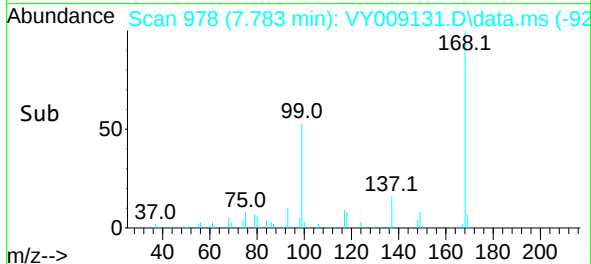
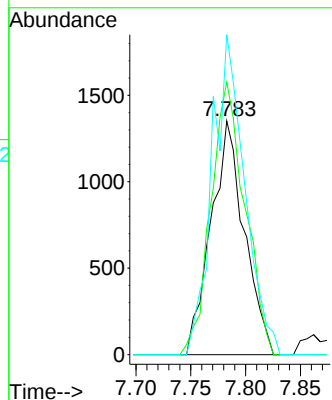
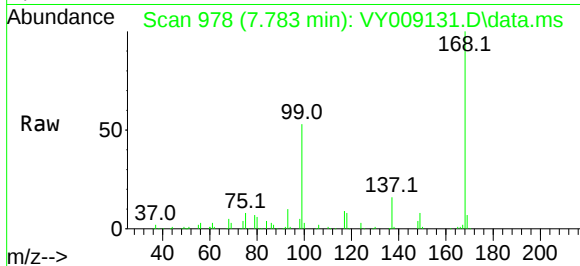




#31
Cyclohexane
Concen: 1.353 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009131.D
Acq: 02 Jun 2022 16:47

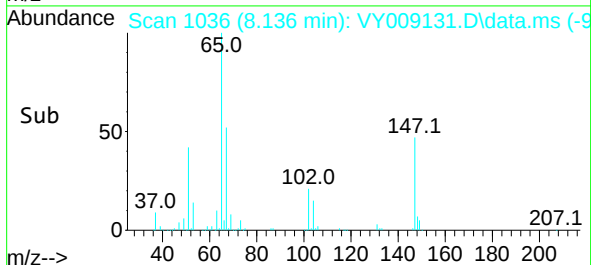
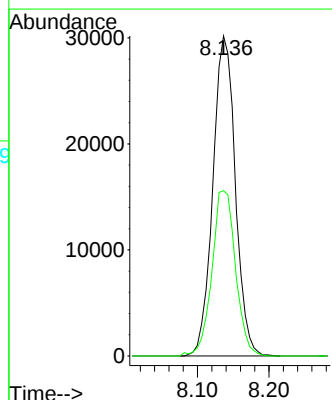
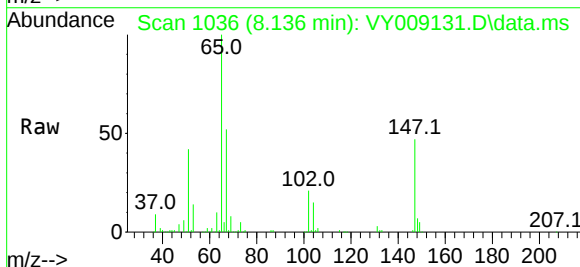
Instrument :
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ClientSampleId :
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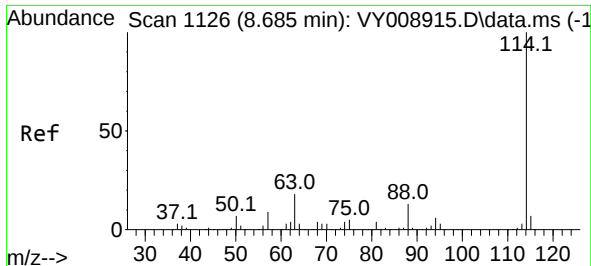
Tgt Ion: 56 Resp: 2848
Ion Ratio Lower Upper
56 100
69 116.6 26.7 40.1#
84 136.9 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 61.178 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.007 min
Lab File: VY009131.D
Acq: 02 Jun 2022 16:47

Tgt Ion: 65 Resp: 65838
Ion Ratio Lower Upper
65 100
67 54.3 0.0 99.4

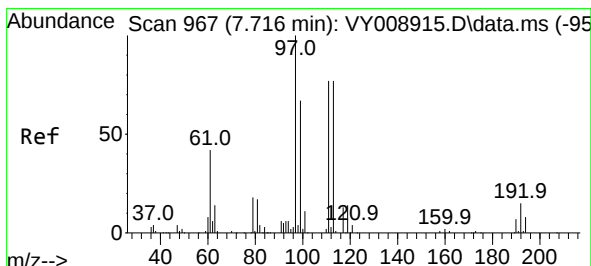
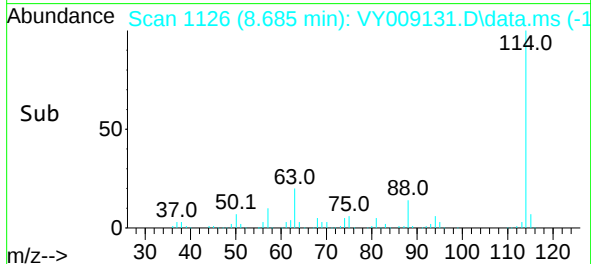
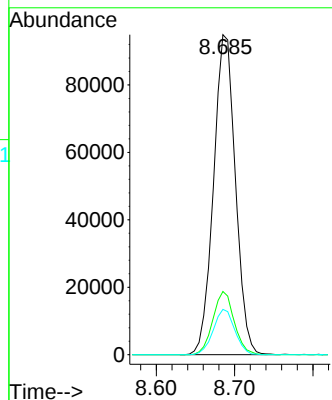
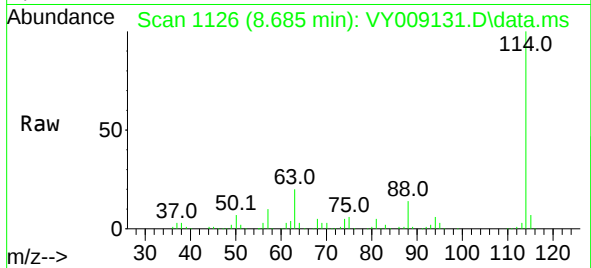




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY009131.D
Acq: 02 Jun 2022 16:47

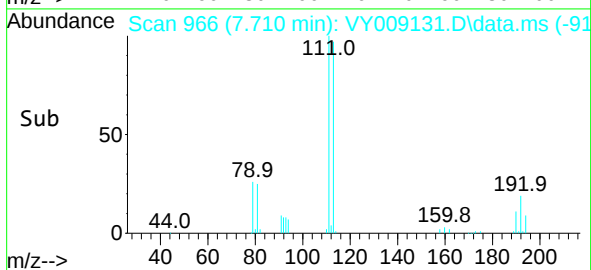
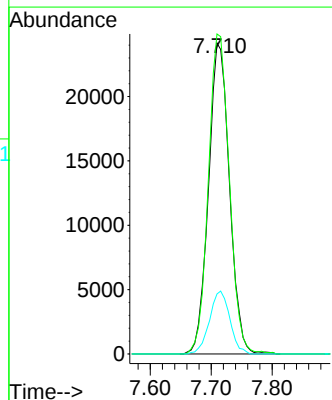
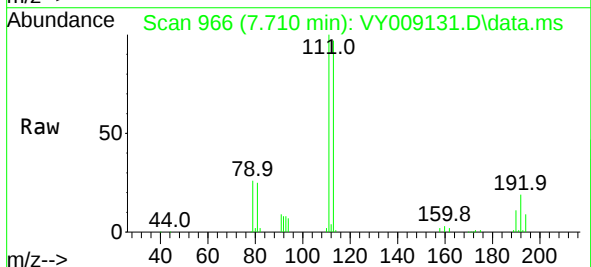
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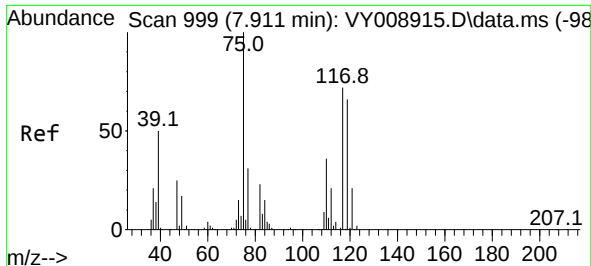
Tgt Ion:114 Resp: 184465
Ion Ratio Lower Upper
114 100
63 19.7 0.0 43.2
88 14.1 0.0 31.8



#35
Dibromofluoromethane
Concen: 50.368 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY009131.D
Acq: 02 Jun 2022 16:47

Tgt Ion:113 Resp: 57776
Ion Ratio Lower Upper
113 100
111 102.7 82.6 124.0
192 19.7 17.6 26.4

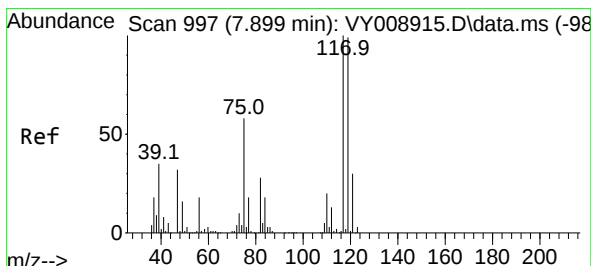
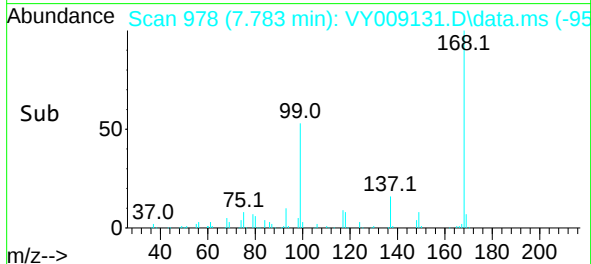
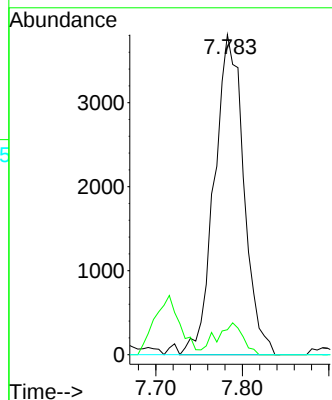
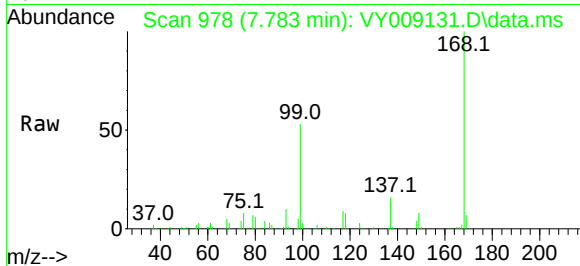




#36
1,1-Dichloropropene
Concen: 4.593 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY009131.D
Acq: 02 Jun 2022 16:47

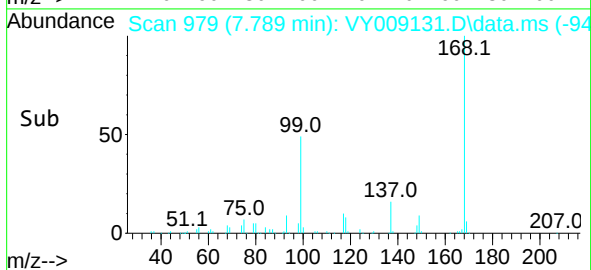
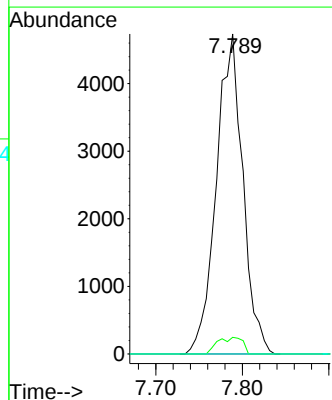
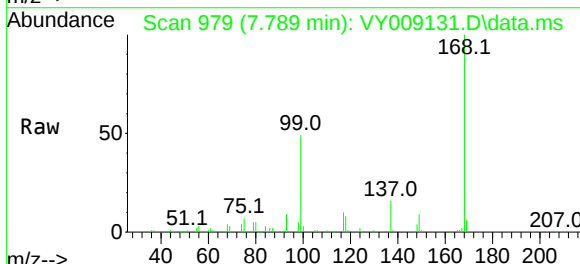
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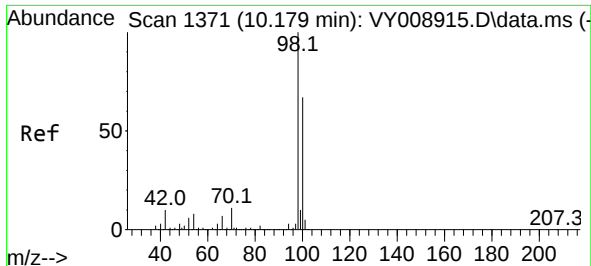
Tgt Ion: 75 Resp: 8967
Ion Ratio Lower Upper
75 100
110 8.8 17.1 51.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 4.915 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.110 min
Lab File: VY009131.D
Acq: 02 Jun 2022 16:47

Tgt Ion: 117 Resp: 10037
Ion Ratio Lower Upper
117 100
119 5.2 77.9 116.9#
121 0.0 24.8 37.2#

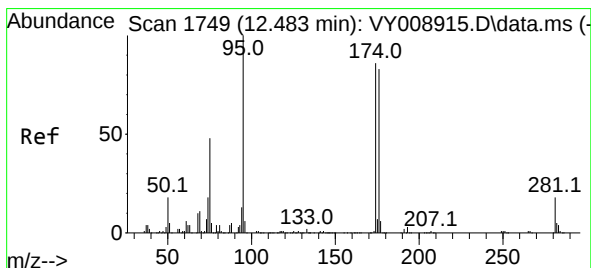
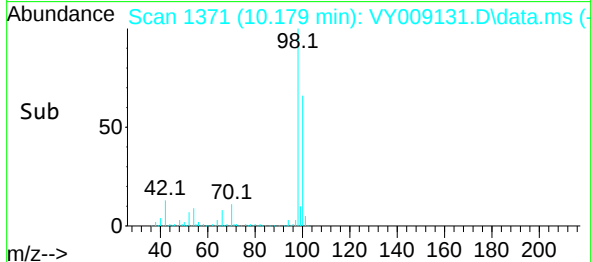
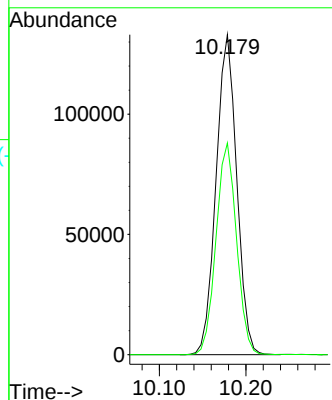
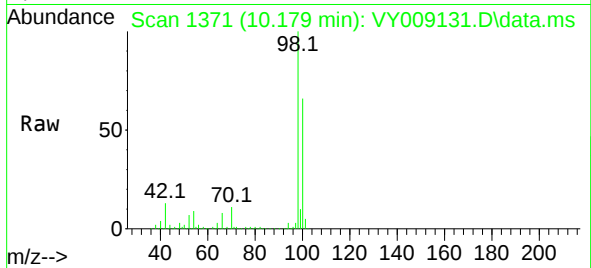




#50
Toluene-d8
Concen: 52.147 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009131.D
Acq: 02 Jun 2022 16:47

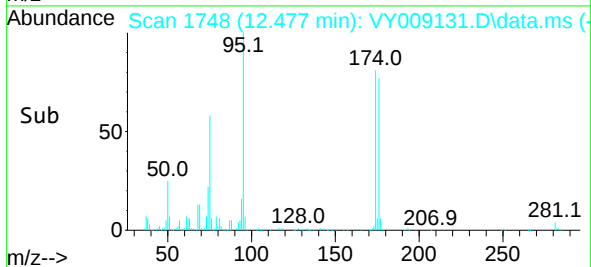
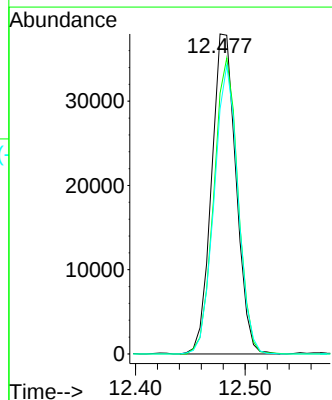
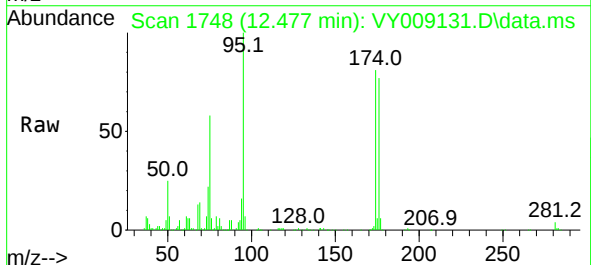
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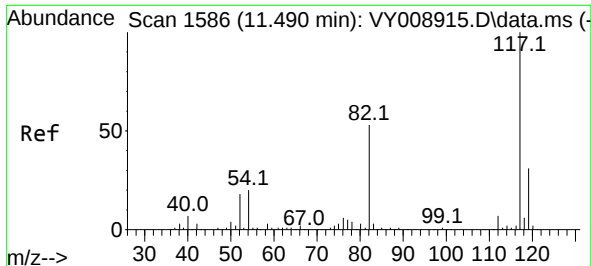
Tgt Ion: 98 Resp: 220672
Ion Ratio Lower Upper
98 100
100 65.7 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 34.546 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY009131.D
Acq: 02 Jun 2022 16:47

Tgt Ion: 95 Resp: 58972
Ion Ratio Lower Upper
95 100
174 90.9 0.0 177.0
176 87.9 0.0 175.8

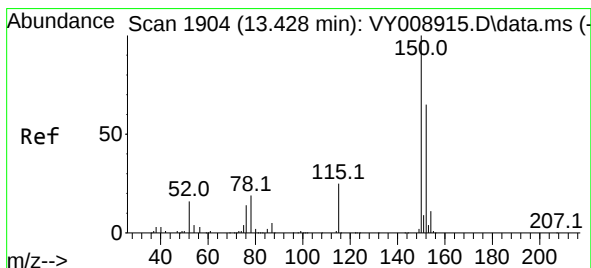
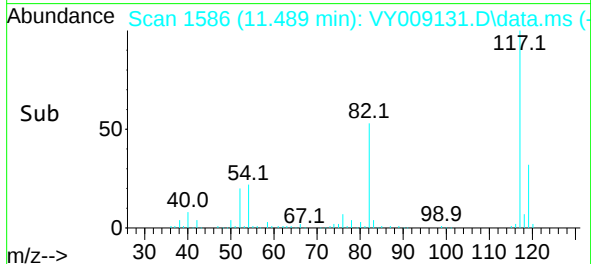
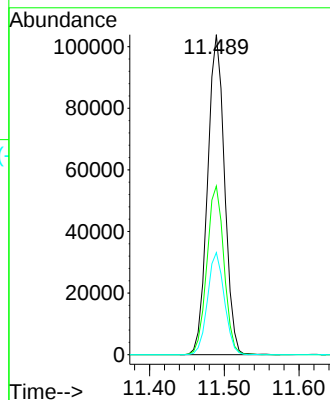
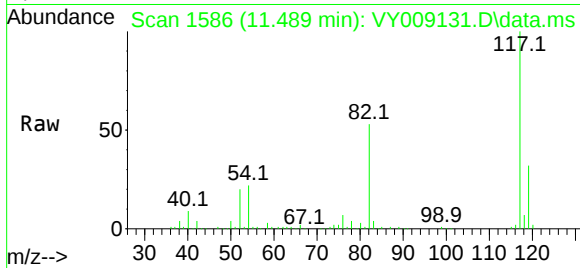




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY009131.D
Acq: 02 Jun 2022 16:47

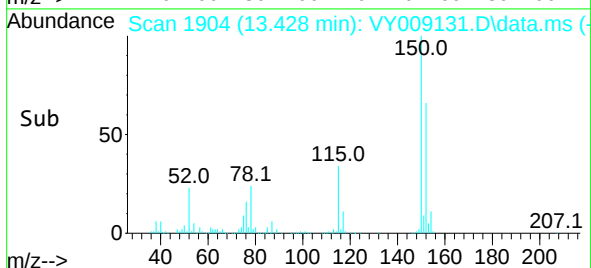
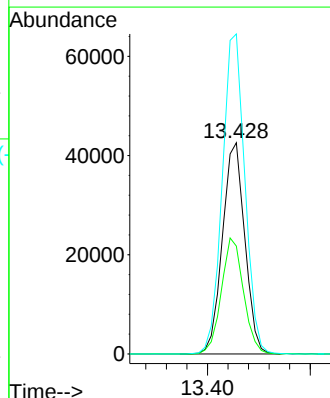
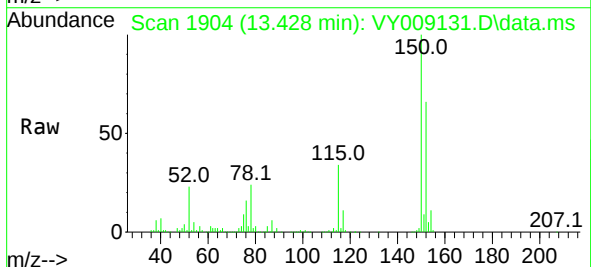
Instrument :
MSVOA_Y
ClientSampleId :
20220416-COMPOSITE-E

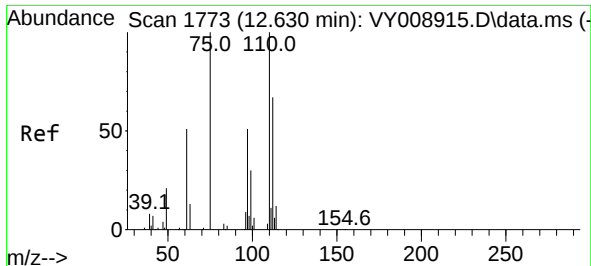
Tgt Ion:117 Resp: 163491
Ion Ratio Lower Upper
117 100
82 52.7 43.0 64.4
119 31.9 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY009131.D
Acq: 02 Jun 2022 16:47

Tgt Ion:152 Resp: 64242
Ion Ratio Lower Upper
152 100
115 54.5 28.2 84.7
150 152.9 0.0 347.6

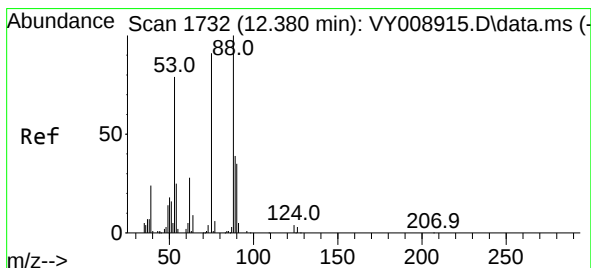
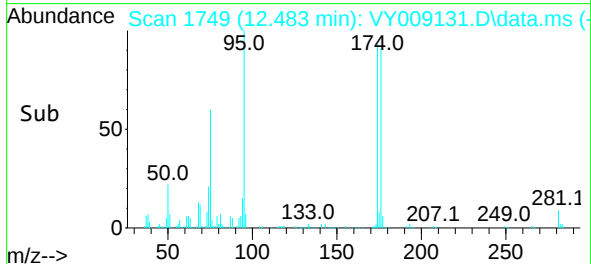
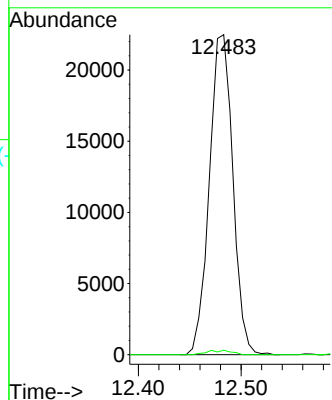
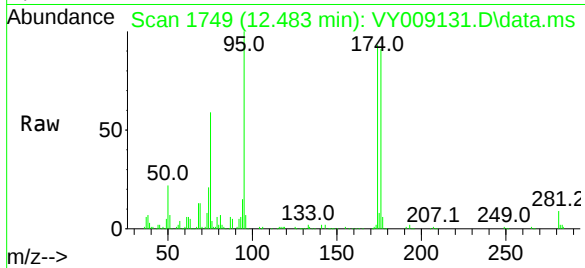




#76
1,2,3-Trichloropropane
Concen: 51.790 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY009131.D
Acq: 02 Jun 2022 16:47

Instrument :
MSVOA_Y
ClientSampleId :
20220416-COMPOSITE-E

Tgt Ion: 75 Resp: 35729
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 106.299 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY009131.D
Acq: 02 Jun 2022 16:47

Tgt Ion: 75 Resp: 35729
Ion Ratio Lower Upper
75 100
53 0.3 85.3 127.9#
89 0.3 37.0 55.4#

