

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082421\
 Data File : VY005813.D
 Acq On : 24 Aug 2021 11:42
 Operator : SY/MD
 Sample : M3505-01
 Misc : 5.88G/5ML/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DRILL-CUTTING

Quant Time: Aug 25 04:28:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 03 04:52:05 2021
 Response via : Initial Calibration

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

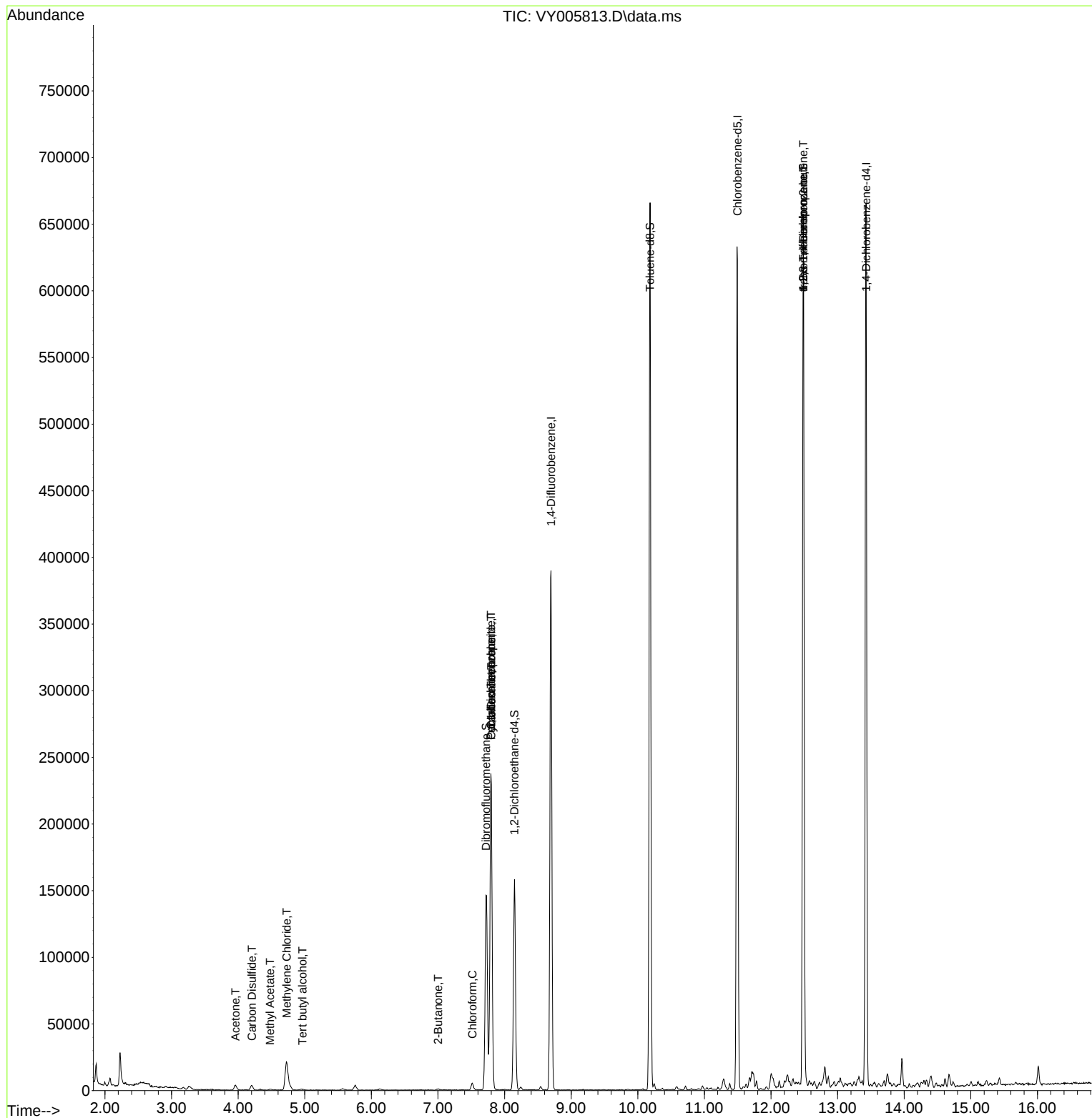
Internal Standards						
1) Pentafluorobenzene	7.801	168	195222	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	332104	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	346208	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	176718	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	123749	62.622	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 125.240%	
35) Dibromofluoromethane	7.722	113	101664	54.677	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.360%	
50) Toluene-d8	10.185	98	426087	54.640	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 109.280%	
62) 4-Bromofluorobenzene	12.483	95	152758	59.155	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 118.320%	
Target Compounds						
						Qvalue
11) Tert butyl alcohol	4.966	59	1446	7.402	ug/l	# 86
16) Acetone	3.960	43	6218	12.480	ug/l	93
17) Carbon Disulfide	4.204	76	7270	1.402	ug/l	96
18) Methyl Acetate	4.479	43	1387	1.064	ug/l	# 68
20) Methylene Chloride	4.728	84	15480	2.019	ug/l	91
25) 2-Butanone	7.002	43	1075	1.460	ug/l	# 85
30) Chloroform	7.515	83	4892	1.423	ug/l	93
31) Cyclohexane	7.801	56	3941	1.163	ug/l	# 51
36) 1,1-Dichloropropene	7.795	75	13757	4.417	ug/l	# 50
38) Carbon Tetrachloride	7.795	117	17948	5.302	ug/l	# 17
76) 1,2,3-Trichloropropane	12.483	75	85255	46.554	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	85255	93.847	ug/l	# 11

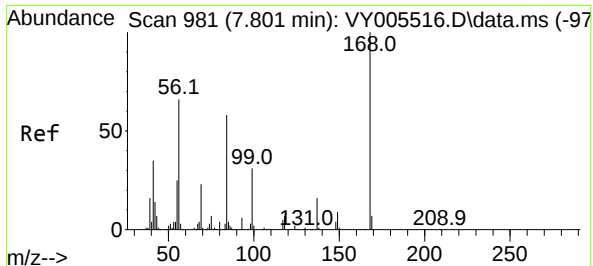
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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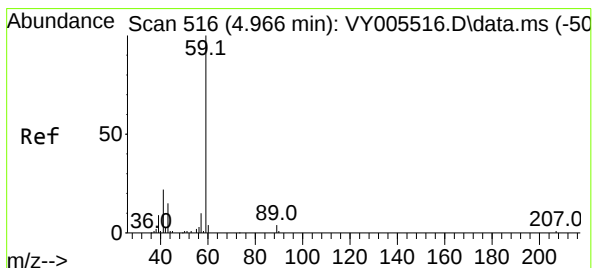
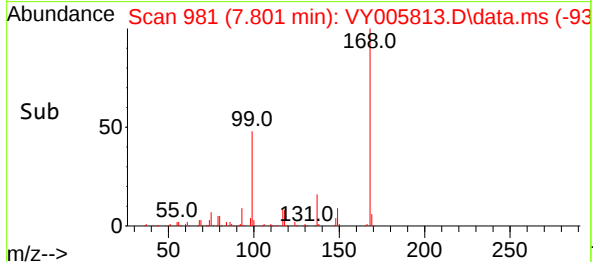
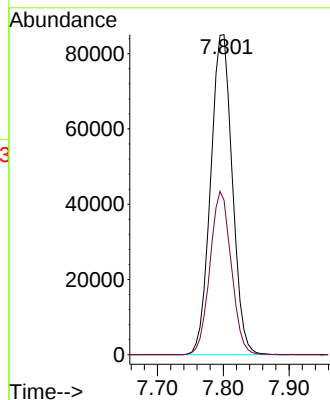
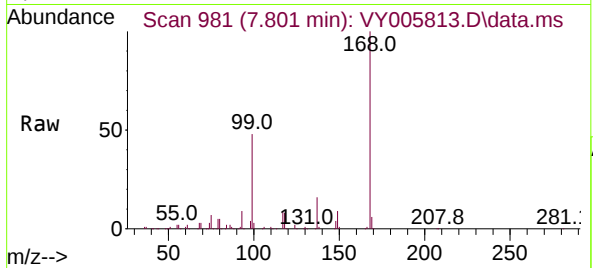




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005813.D
Acq: 24 Aug 2021 11:42

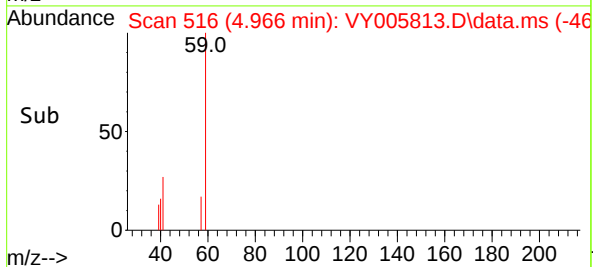
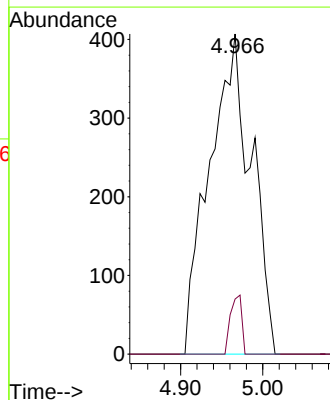
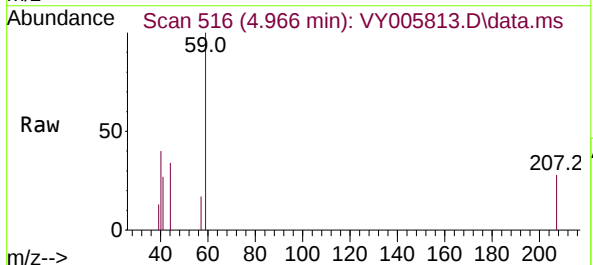
Instrument :
MSVOA_Y
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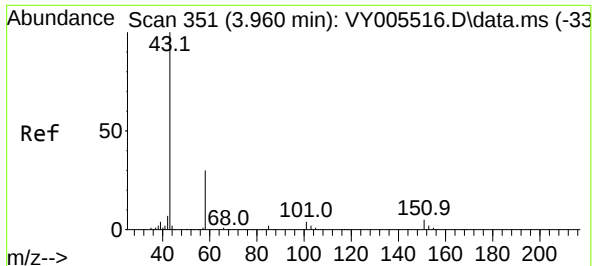
Tgt Ion:168 Resp: 195222
Ion Ratio Lower Upper
168 100
99 48.2 38.9 58.3



#11
Tert butyl alcohol
Concen: 7.402 ug/l
RT: 4.966 min Scan# 516
Delta R.T. -0.000 min
Lab File: VY005813.D
Acq: 24 Aug 2021 11:42

Tgt Ion: 59 Resp: 1446
Ion Ratio Lower Upper
59 100
57 4.9 8.0 12.0#

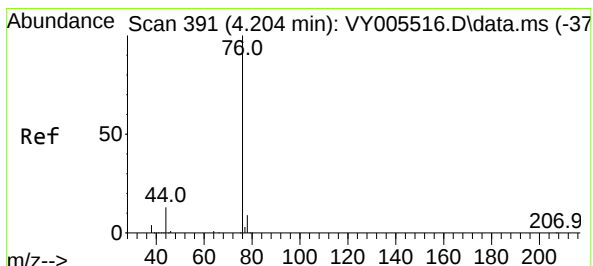
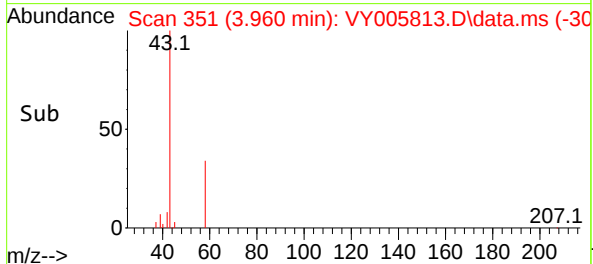
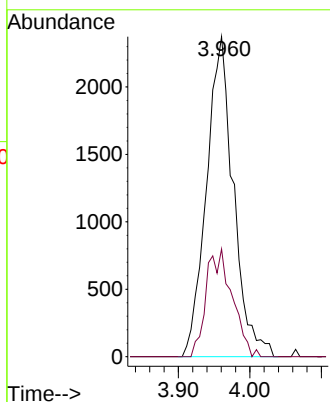
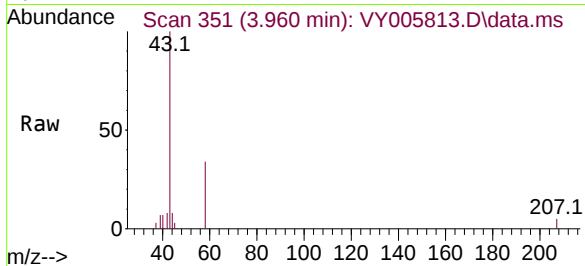




#16
Acetone
Concen: 12.480 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY005813.D
Acq: 24 Aug 2021 11:42

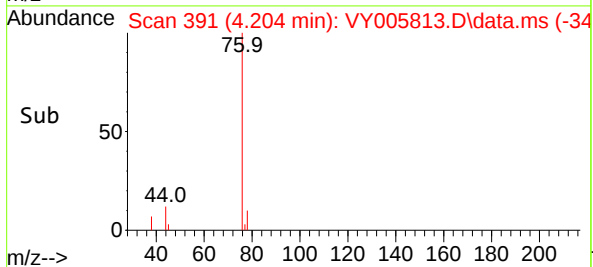
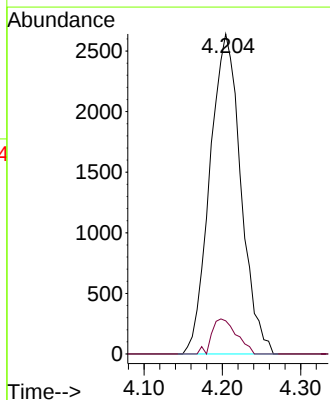
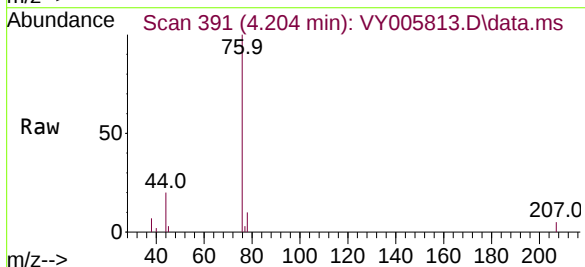
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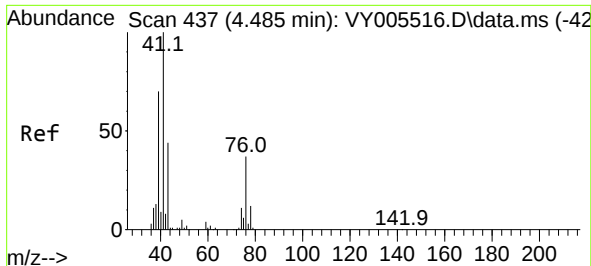
Tgt Ion: 43 Resp: 6218
Ion Ratio Lower Upper
43 100
58 33.7 23.8 35.6



#17
Carbon Disulfide
Concen: 1.402 ug/l
RT: 4.204 min Scan# 391
Delta R.T. -0.000 min
Lab File: VY005813.D
Acq: 24 Aug 2021 11:42

Tgt Ion: 76 Resp: 7270
Ion Ratio Lower Upper
76 100
78 10.3 7.0 10.6

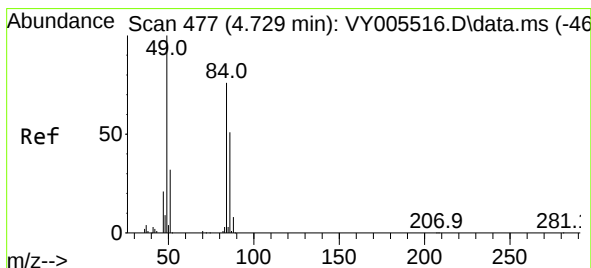
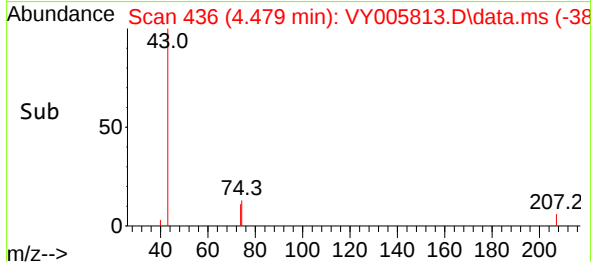
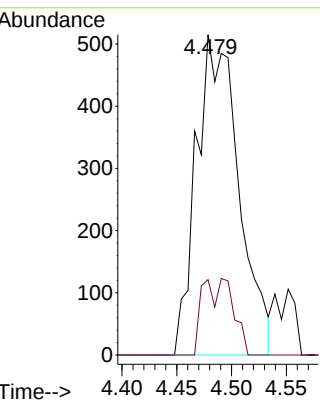
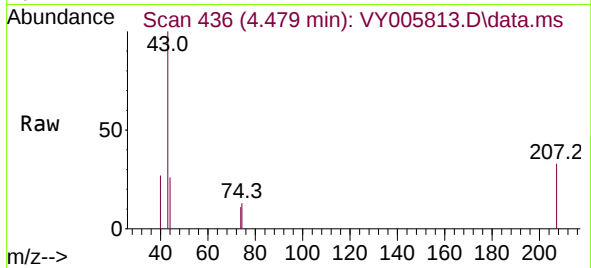




#18
Methyl Acetate
Concen: 1.064 ug/l
RT: 4.479 min Scan# 436
Delta R.T. -0.006 min
Lab File: VY005813.D
Acq: 24 Aug 2021 11:42

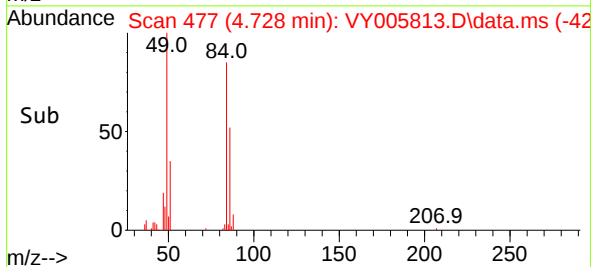
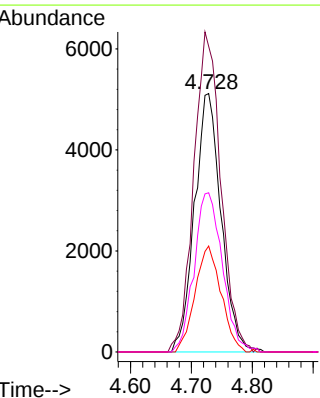
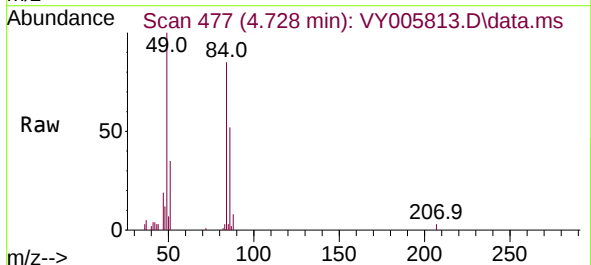
Instrument :
MSVOA_Y
ClientSampleId :
DRILL-CUTTING

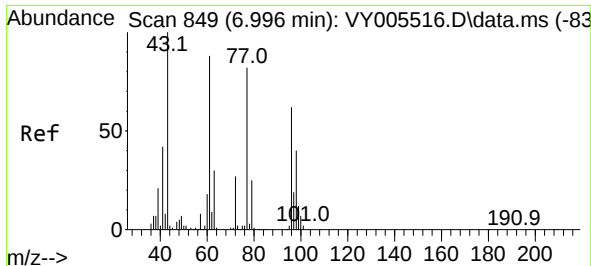
Tgt Ion: 43 Resp: 1387
Ion Ratio Lower Upper
43 100
74 8.1 19.0 28.6#



#20
Methylene Chloride
Concen: 2.019 ug/l
RT: 4.728 min Scan# 477
Delta R.T. -0.001 min
Lab File: VY005813.D
Acq: 24 Aug 2021 11:42

Tgt Ion: 84 Resp: 15480
Ion Ratio Lower Upper
84 100
49 118.2 105.8 158.6
51 41.0 33.4 50.2
86 61.6 54.2 81.4





#25

2-Butanone

Concen: 1.460 ug/l

RT: 7.002 min Scan# 850

Delta R.T. 0.006 min

Lab File: VY005813.D

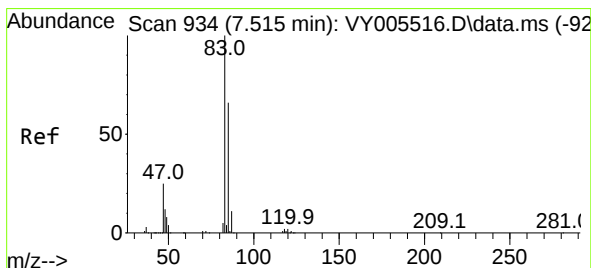
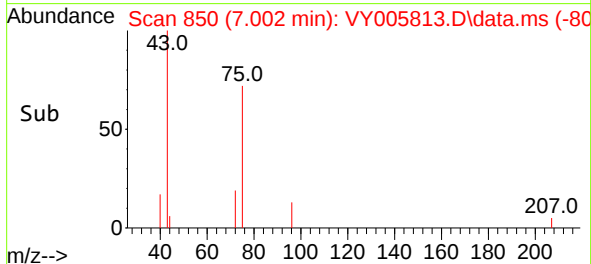
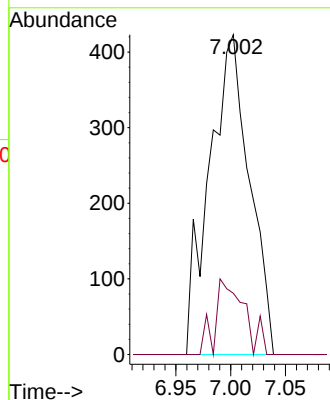
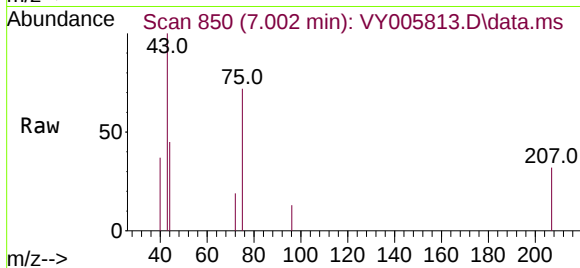
Acq: 24 Aug 2021 11:42

Tgt Ion: 43 Resp: 1075

Ion Ratio Lower Upper

43 100

72 19.1 21.4 32.2#



#30

Chloroform

Concen: 1.423 ug/l

RT: 7.515 min Scan# 934

Delta R.T. -0.000 min

Lab File: VY005813.D

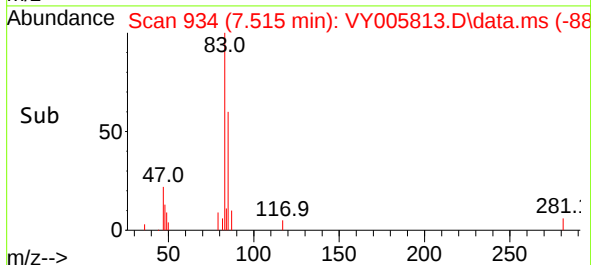
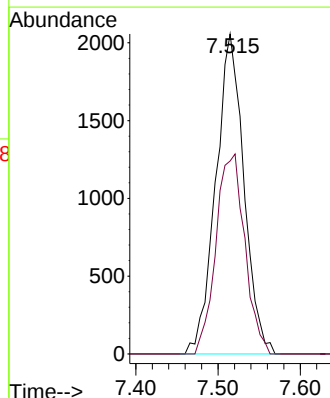
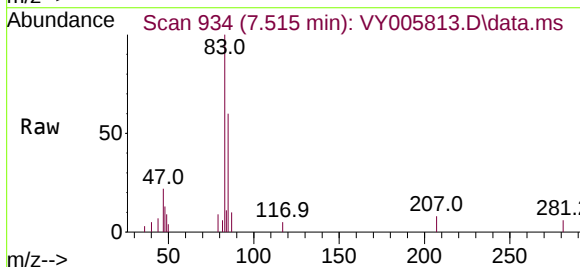
Acq: 24 Aug 2021 11:42

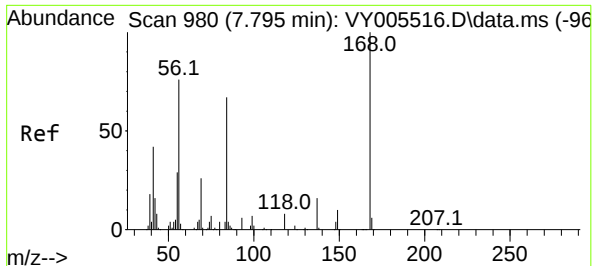
Tgt Ion: 83 Resp: 4892

Ion Ratio Lower Upper

83 100

85 60.3 52.7 79.1

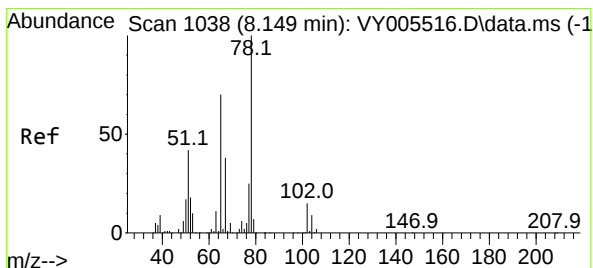
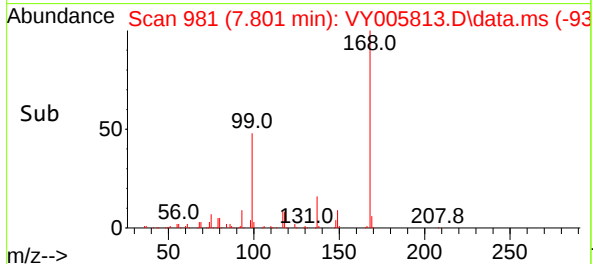
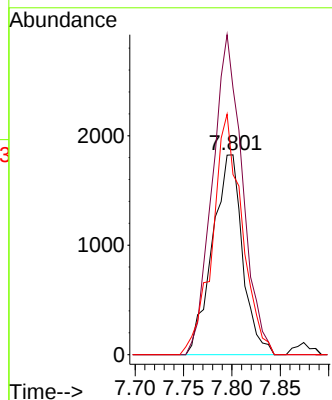
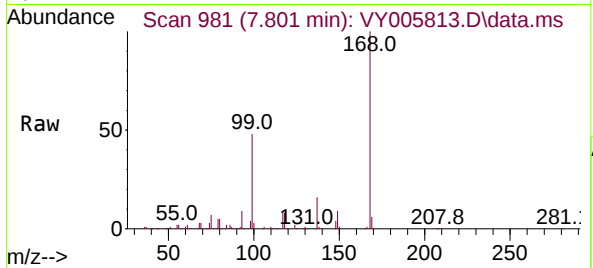




#31
Cyclohexane
Concen: 1.163 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY005813.D
Acq: 24 Aug 2021 11:42

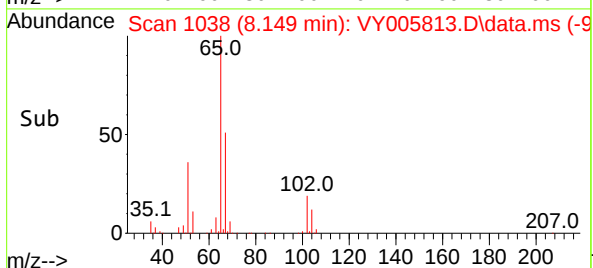
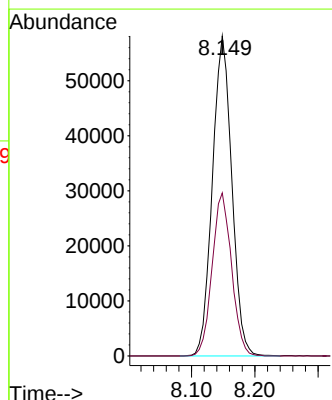
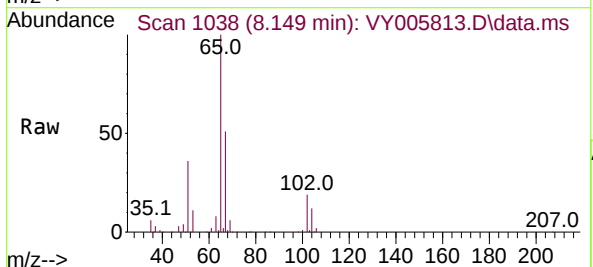
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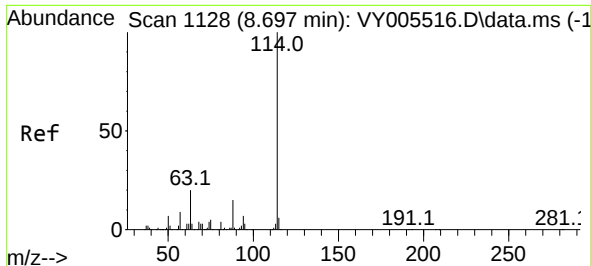
Tgt Ion: 56 Resp: 3941
Ion Ratio Lower Upper
56 100
69 133.4 27.7 41.5#
84 90.1 70.9 106.3



#33
1,2-Dichloroethane-d4
Concen: 62.622 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005813.D
Acq: 24 Aug 2021 11:42

Tgt Ion: 65 Resp: 123749
Ion Ratio Lower Upper
65 100
67 50.9 0.0 103.4

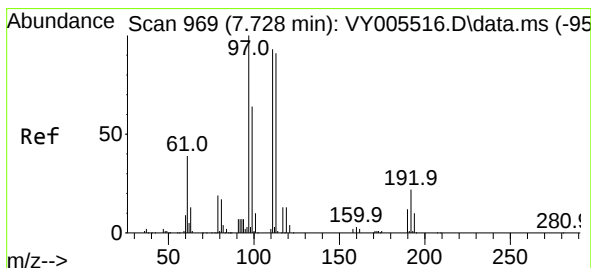
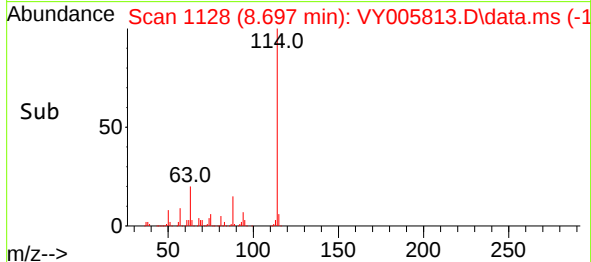
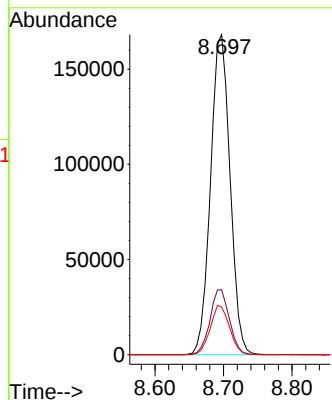
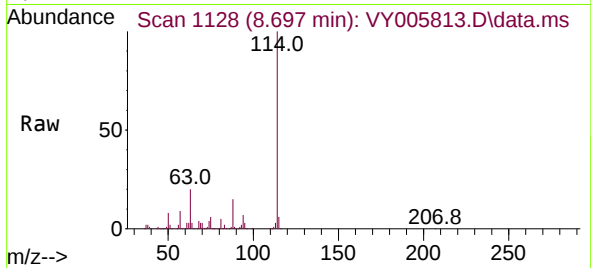




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005813.D
Acq: 24 Aug 2021 11:42

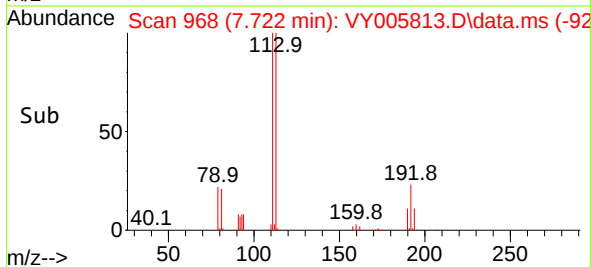
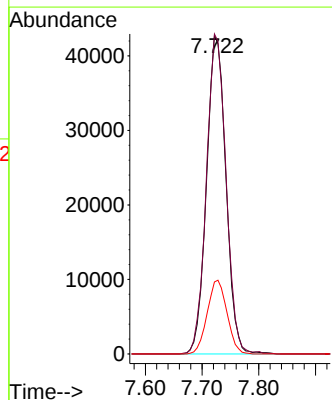
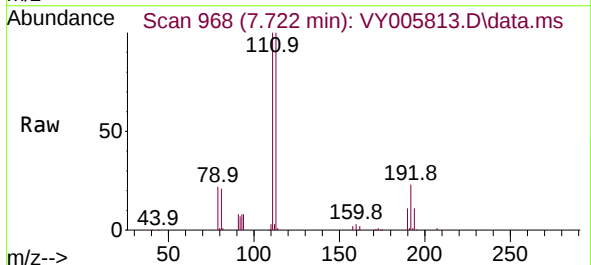
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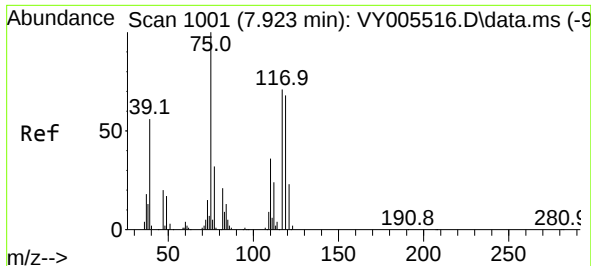
Tgt Ion:114 Resp: 332104
Ion Ratio Lower Upper
114 100
63 20.3 0.0 39.2
88 14.9 0.0 30.8



#35
Dibromofluoromethane
Concen: 54.677 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY005813.D
Acq: 24 Aug 2021 11:42

Tgt Ion:113 Resp: 101664
Ion Ratio Lower Upper
113 100
111 101.8 81.9 122.9
192 23.6 19.2 28.8





#36

1,1-Dichloropropene

Concen: 4.417 ug/l

RT: 7.795 min Scan# 980

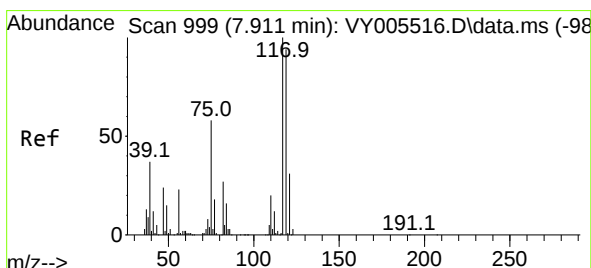
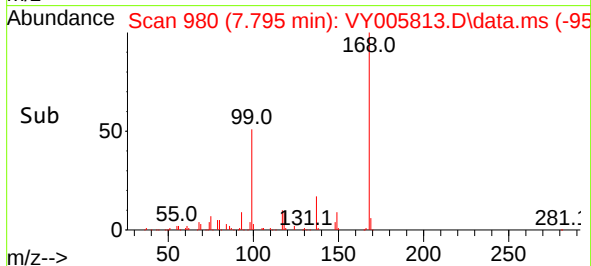
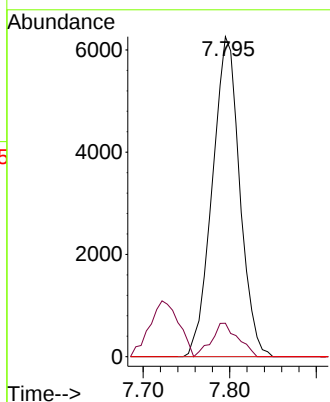
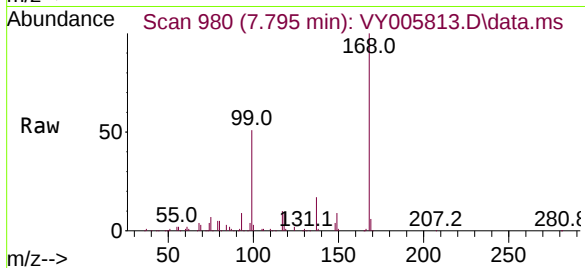
Delta R.T. -0.128 min

Lab File: VY005813.D

Acq: 24 Aug 2021 11:42

Tgt Ion:	75	Resp:	13757
Ion	Ratio	Lower	Upper
75	100		
110	10.1	18.1	54.1#
77	0.0	25.1	37.7#

Instrument :
MSVOA_Y
ClientSampleId :
DRILL-CUTTING



#38

Carbon Tetrachloride

Concen: 5.302 ug/l

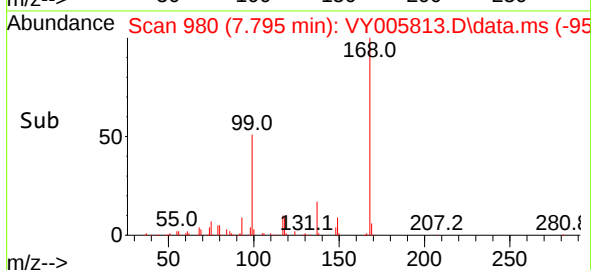
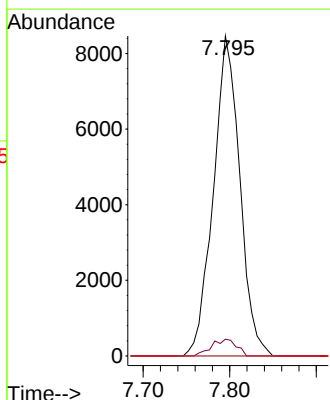
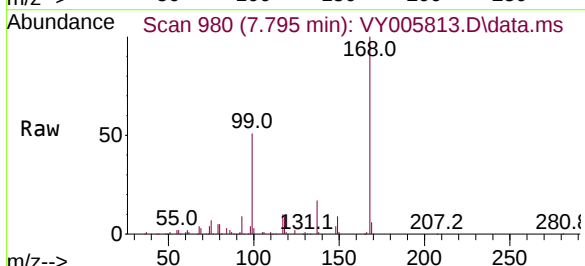
RT: 7.795 min Scan# 980

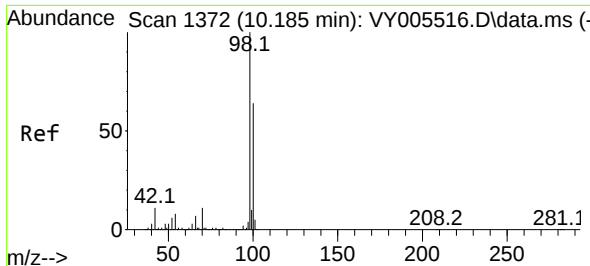
Delta R.T. -0.116 min

Lab File: VY005813.D

Acq: 24 Aug 2021 11:42

Tgt Ion:	117	Resp:	17948
Ion	Ratio	Lower	Upper
117	100		
119	5.2	75.4	113.0#
121	0.0	25.1	37.7#

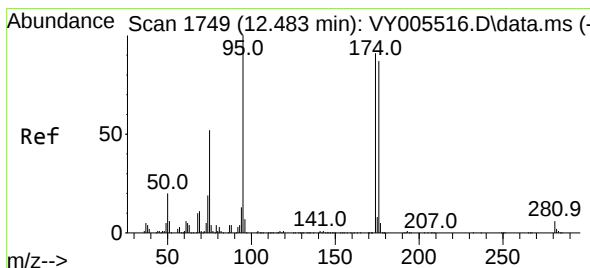
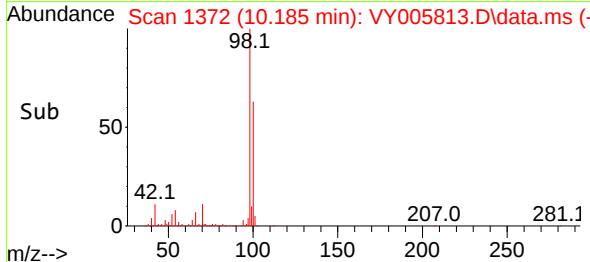
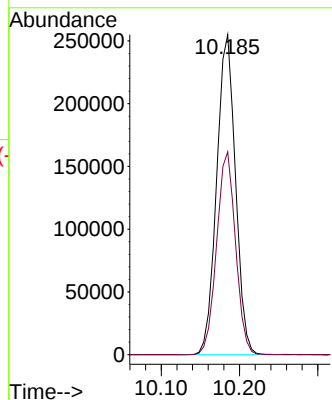
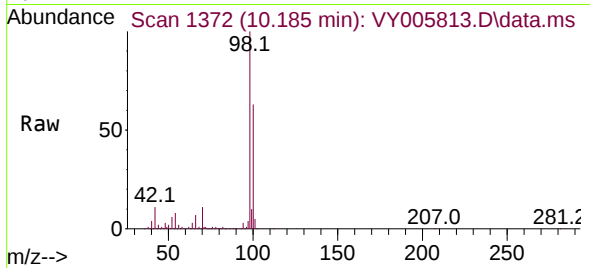




#50
Toluene-d8
Concen: 54.640 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005813.D
Acq: 24 Aug 2021 11:42

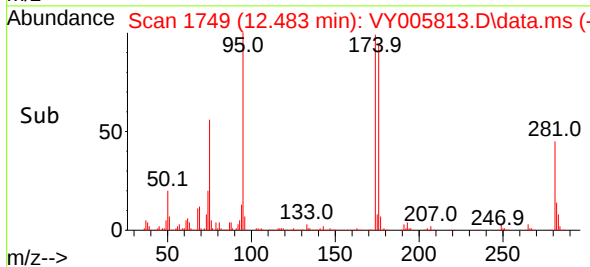
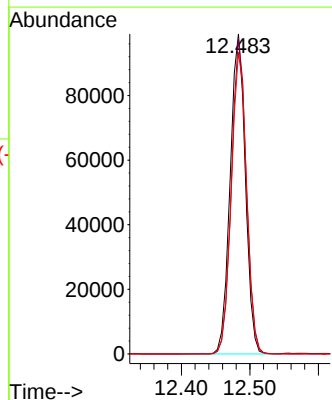
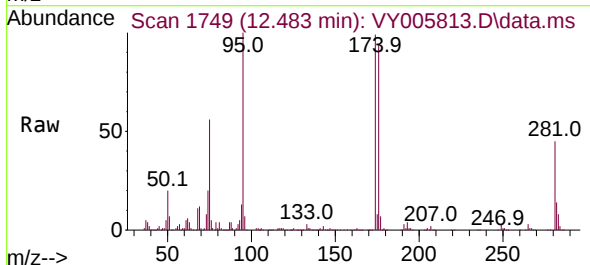
Instrument :
MSVOA_Y
ClientSampleId :
DRILL-CUTTING

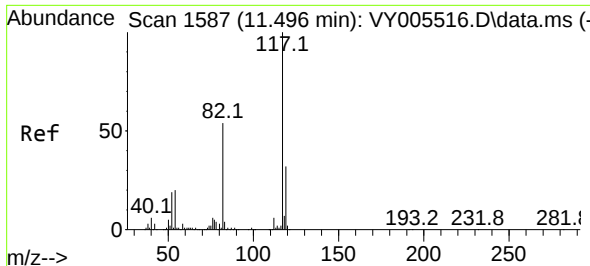
Tgt Ion: 98 Resp: 426087
Ion Ratio Lower Upper
98 100
100 63.5 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 59.155 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005813.D
Acq: 24 Aug 2021 11:42

Tgt Ion: 95 Resp: 152758
Ion Ratio Lower Upper
95 100
174 96.6 0.0 191.4
176 94.7 0.0 183.6

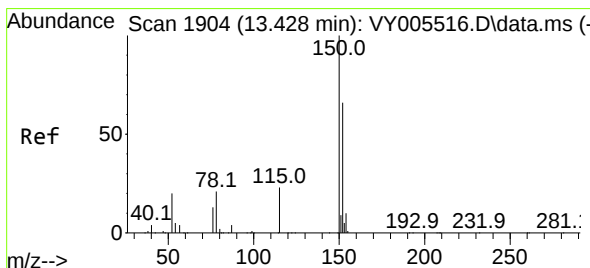
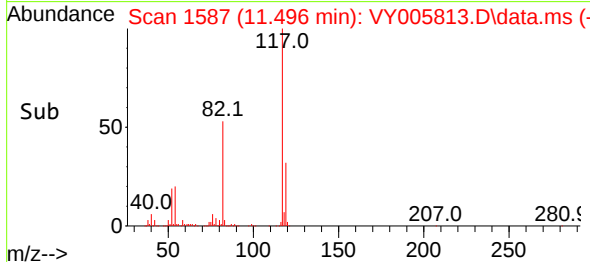
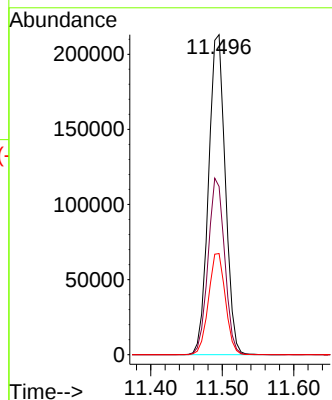
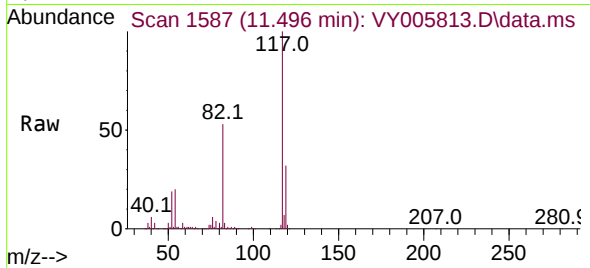




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005813.D
Acq: 24 Aug 2021 11:42

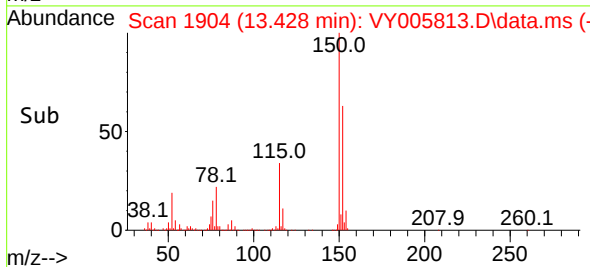
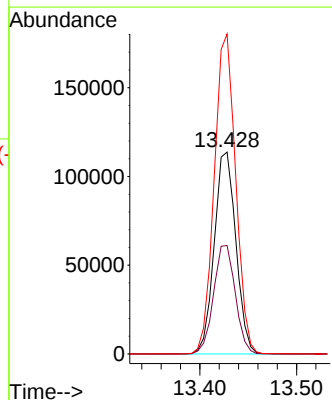
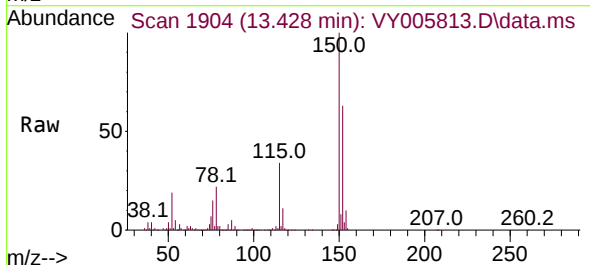
Instrument :
MSVOA_Y
ClientSampleId :
DRILL-CUTTING

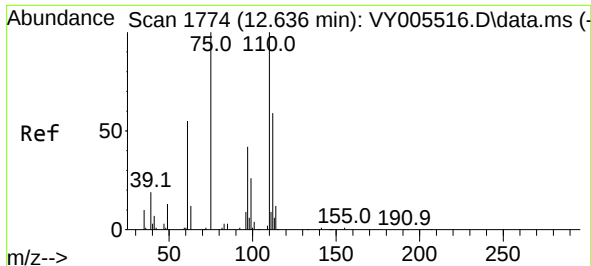
Tgt Ion:117 Resp: 346208
Ion Ratio Lower Upper
117 100
82 52.5 43.5 65.3
119 31.6 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005813.D
Acq: 24 Aug 2021 11:42

Tgt Ion:152 Resp: 176718
Ion Ratio Lower Upper
152 100
115 54.2 27.3 81.9
150 156.8 0.0 350.2

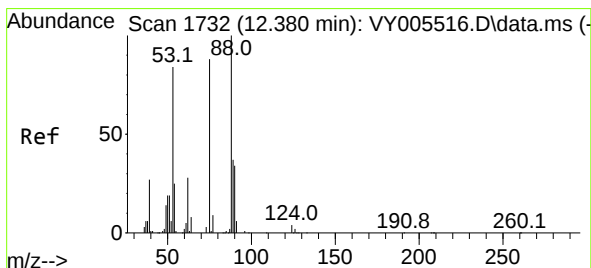
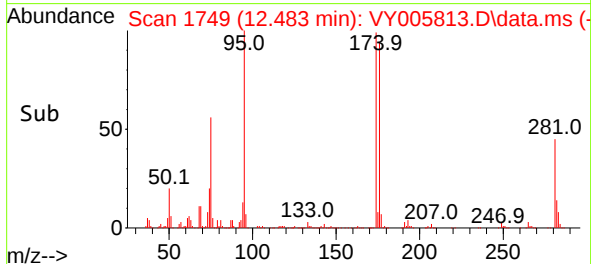
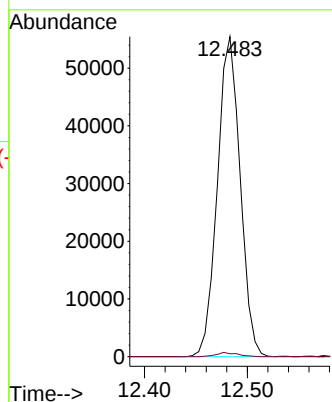
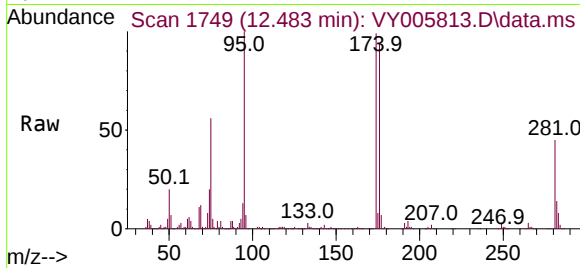




#76
1,2,3-Trichloropropane
Concen: 46.554 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY005813.D
Acq: 24 Aug 2021 11:42

Instrument :
MSVOA_Y
ClientSampleId :
DRILL-CUTTING

Tgt Ion: 75 Resp: 85255
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 93.847 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY005813.D
Acq: 24 Aug 2021 11:42

Tgt Ion: 75 Resp: 85255
Ion Ratio Lower Upper
75 100
53 0.1 76.7 115.1#
89 0.5 38.4 57.6#

