

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062421\
 Data File : VY005207.D
 Acq On : 24 Jun 2021 13:42
 Operator : SY/MD
 Sample : M2829-05
 Misc : 6.24G/5ML/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 15B-STOCKPILE-3B

Quant Time: Jun 25 04:34:12 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062221S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 23 07:57:52 2021
 Response via : Initial Calibration

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

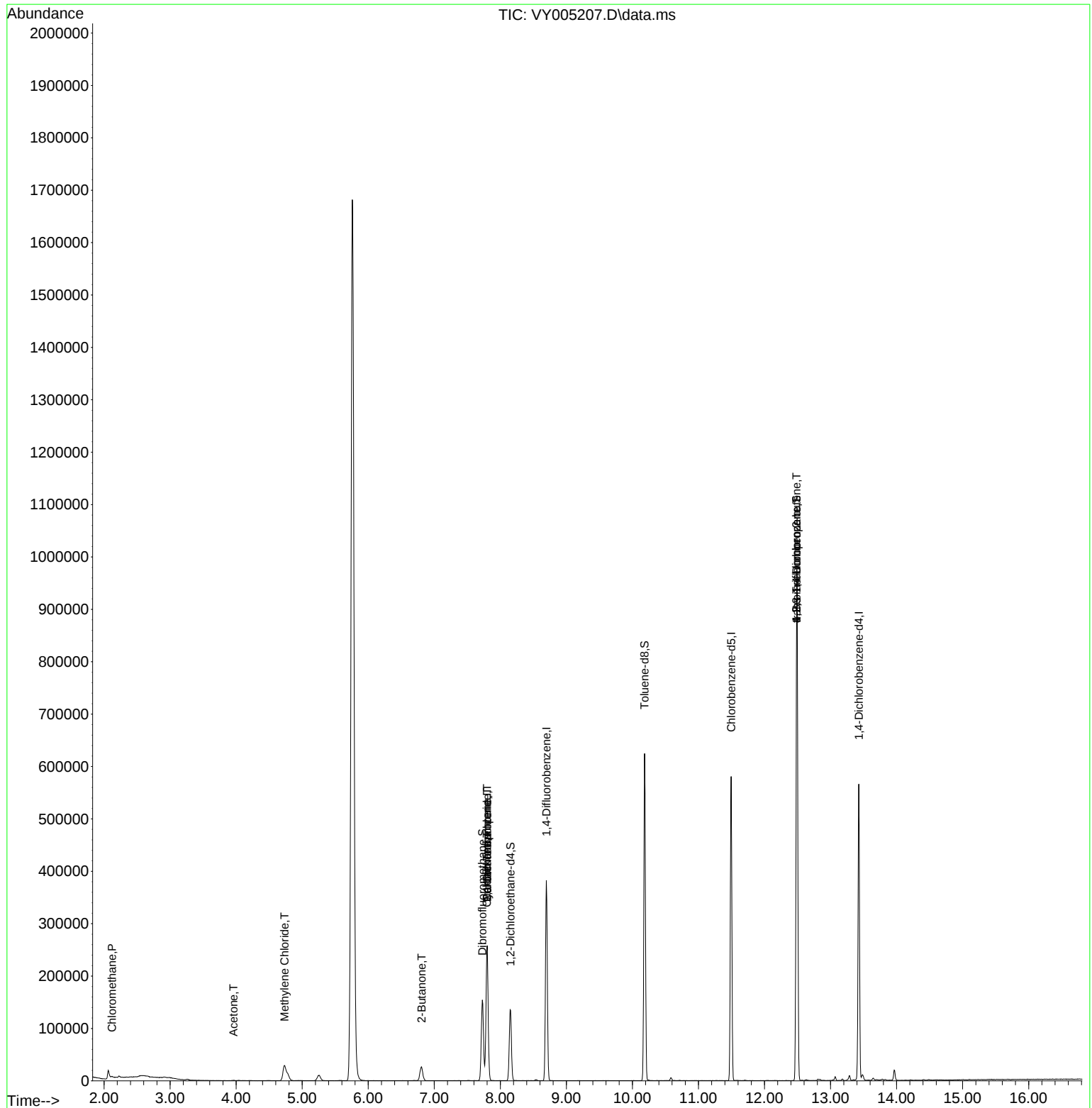
Internal Standards						
1) Pentafluorobenzene	7.801	168	218098	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	346935	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	338196	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	160173	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	110107	60.836	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 121.680%	
35) Dibromofluoromethane	7.728	113	108201	52.882	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.760%	
50) Toluene-d8	10.185	98	419686	51.291	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 102.580%	
62) 4-Bromofluorobenzene	12.483	95	140564	51.553	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 103.100%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.119	50	2069	1.083	ug/l	90
11) Tert butyl alcohol	4.978	59	586	Below Cal	#	77
16) Acetone	3.960	43	1005	2.404	ug/l	88
20) Methylene Chloride	4.735	84	22985	1.933	ug/l	97
25) 2-Butanone	6.807	43	1825	2.993	ug/l #	43
31) Cyclohexane	7.795	56	8134	2.517	ug/l #	47
36) 1,1-Dichloropropene	7.801	75	13126	4.297	ug/l #	47
38) Carbon Tetrachloride	7.801	117	18143	5.673	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	69609	49.001	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	69609	91.425	ug/l #	18

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

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MSVOA_Y
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15B-STOCKPILE-3B

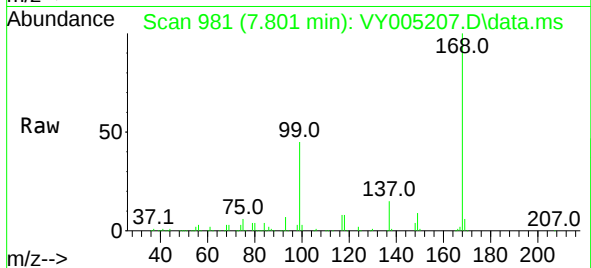
Quant Time: Jun 25 04:34:12 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062221S.M
Quant Title : SW846 8260
QLast Update : Wed Jun 23 07:57:52 2021
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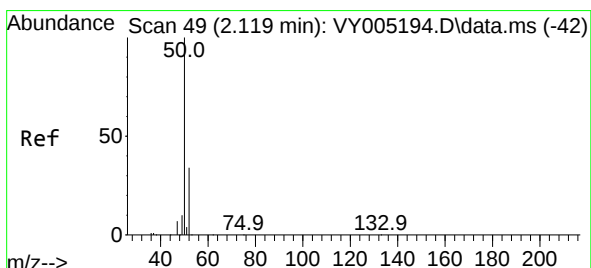
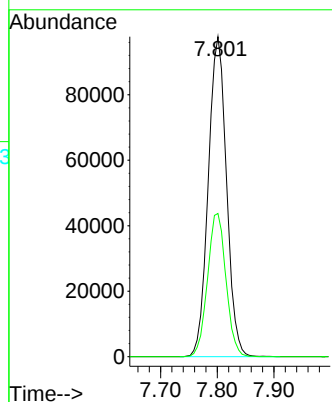
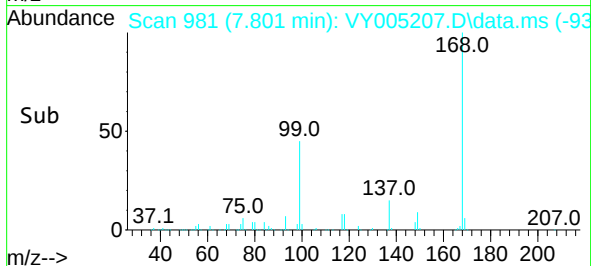


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005207.D
Acq: 24 Jun 2021 13:42

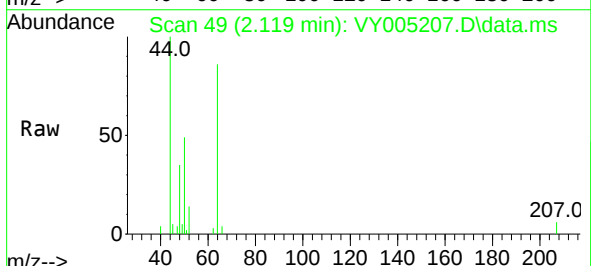
Instrument :
MSVOA_Y
ClientSampleId :
15B-STOCKPILE-3B



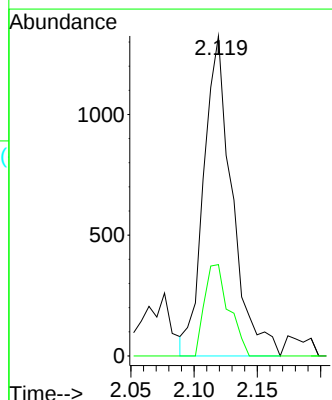
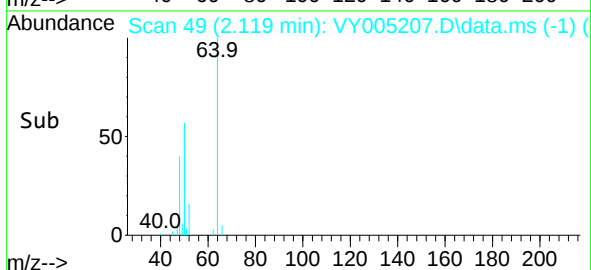
Tgt Ion:168 Resp: 218098
Ion Ratio Lower Upper
168 100
99 44.7 36.2 54.4

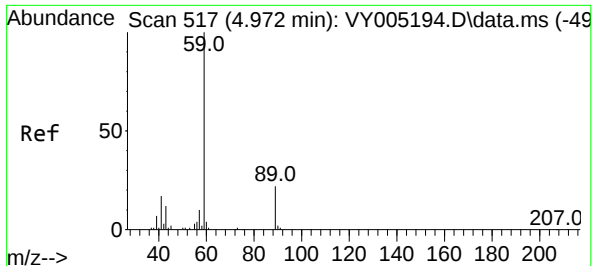


#3
Chloromethane
Concen: 1.083 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.000 min
Lab File: VY005207.D
Acq: 24 Jun 2021 13:42



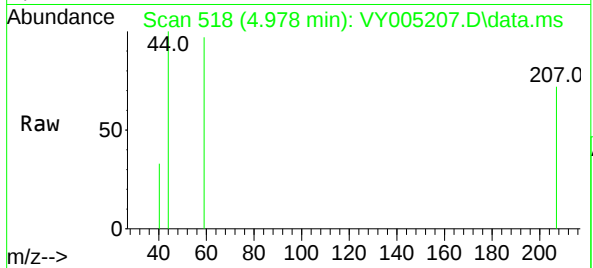
Tgt Ion: 50 Resp: 2069
Ion Ratio Lower Upper
50 100
52 28.5 27.4 41.2



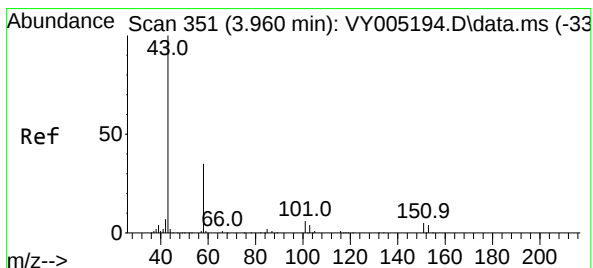
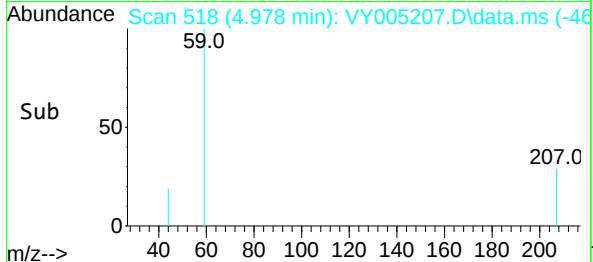
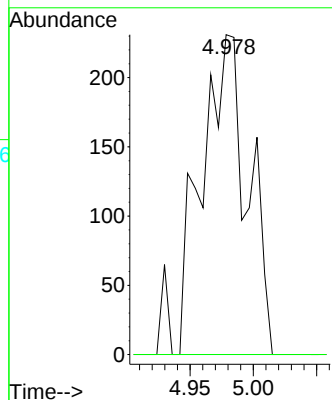


#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.978 min Scan# 518
Delta R.T. 0.006 min
Lab File: VY005207.D
Acq: 24 Jun 2021 13:42

Instrument :
MSVOA_Y
ClientSampleId :
15B-STOCKPILE-3B

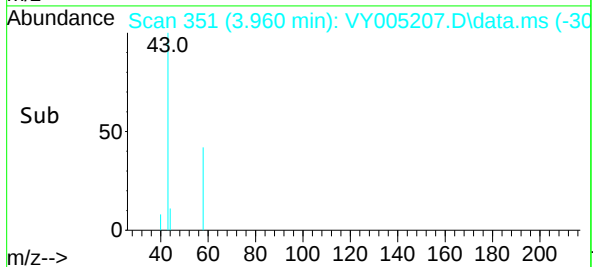
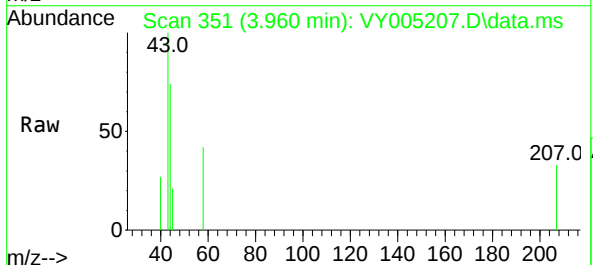
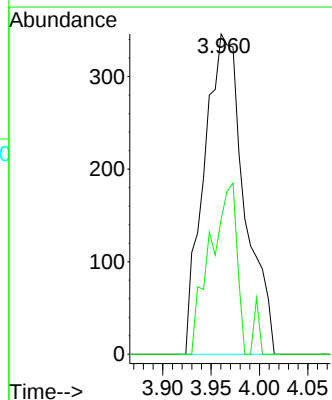


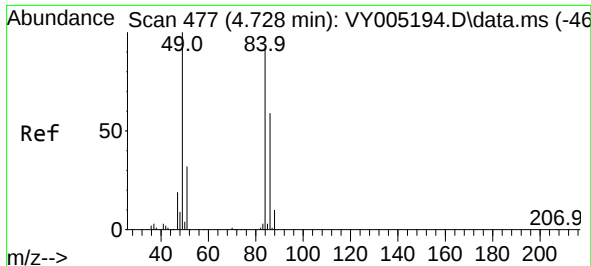
Tgt Ion: 59 Resp: 586
Ion Ratio Lower Upper
59 100
57 0.0 6.5 9.7#



#16
Acetone
Concen: 2.404 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.000 min
Lab File: VY005207.D
Acq: 24 Jun 2021 13:42

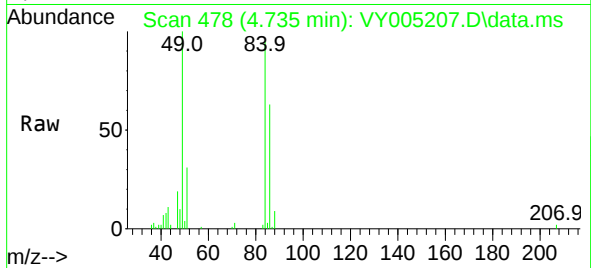
Tgt Ion: 43 Resp: 1005
Ion Ratio Lower Upper
43 100
58 42.2 28.2 42.2



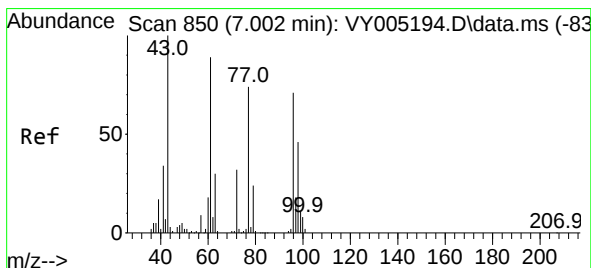
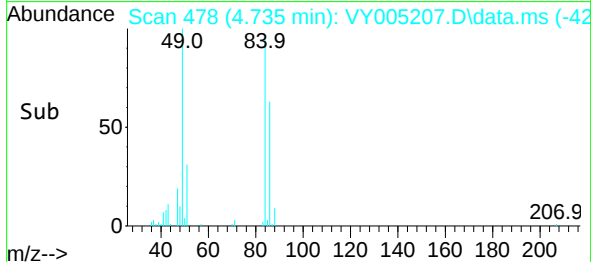
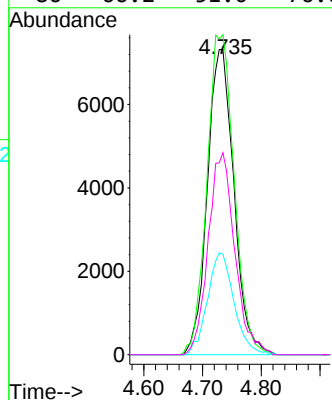


#20
Methylene Chloride
Concen: 1.933 ug/l
RT: 4.735 min Scan# 478
Delta R.T. 0.007 min
Lab File: VY005207.D
Acq: 24 Jun 2021 13:42

Instrument :
MSVOA_Y
ClientSampleId :
15B-STOCKPILE-3B

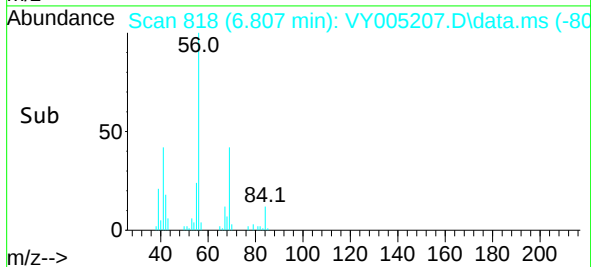
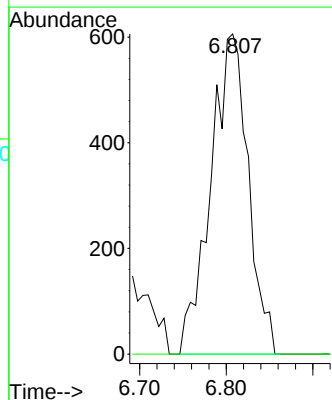
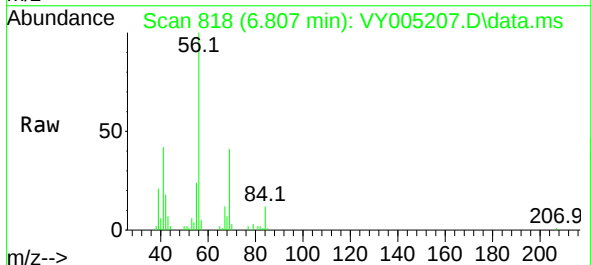


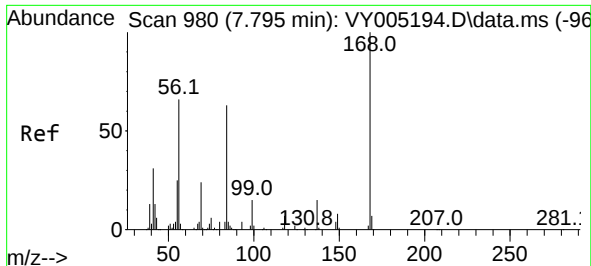
Tgt Ion: 84 Resp: 22985
Ion Ratio Lower Upper
84 100
49 104.9 86.9 130.3
51 32.9 27.4 41.2
86 66.2 51.0 76.6



#25
2-Butanone
Concen: 2.993 ug/l
RT: 6.807 min Scan# 818
Delta R.T. -0.195 min
Lab File: VY005207.D
Acq: 24 Jun 2021 13:42

Tgt Ion: 43 Resp: 1825
Ion Ratio Lower Upper
43 100
72 0.0 25.3 37.9#

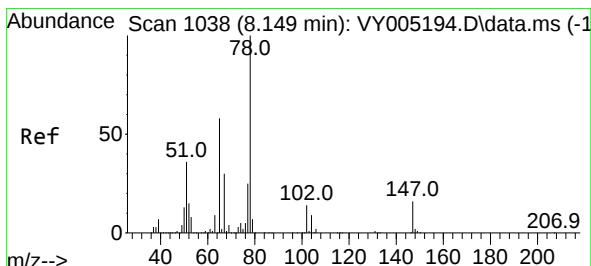
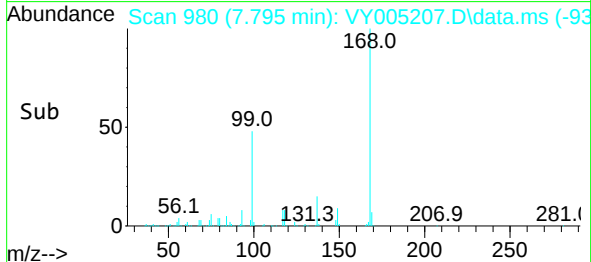
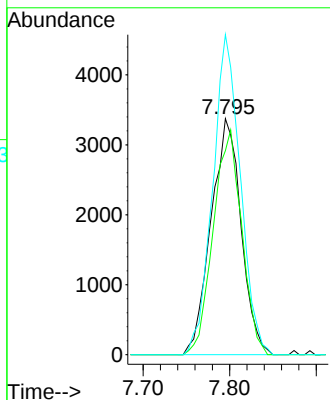
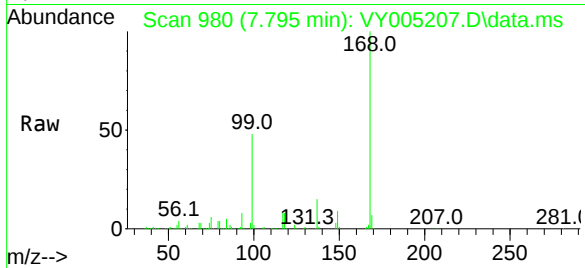




#31
Cyclohexane
Concen: 2.517 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY005207.D
Acq: 24 Jun 2021 13:42

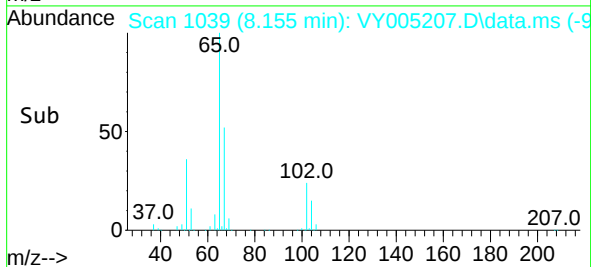
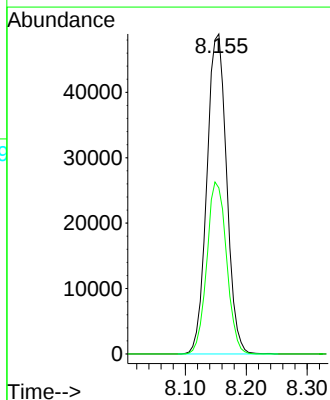
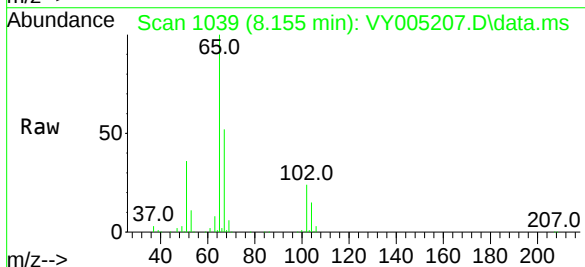
Instrument :
MSVOA_Y
ClientSampleId :
15B-STOCKPILE-3B

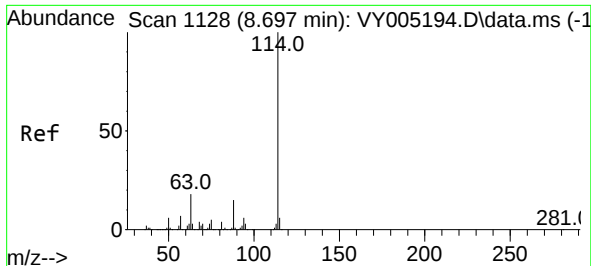
Tgt Ion: 56 Resp: 8134
Ion Ratio Lower Upper
56 100
69 86.5 29.6 44.4#
84 135.6 76.4 114.6#



#33
1,2-Dichloroethane-d4
Concen: 60.836 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY005207.D
Acq: 24 Jun 2021 13:42

Tgt Ion: 65 Resp: 110107
Ion Ratio Lower Upper
65 100
67 53.7 0.0 110.6

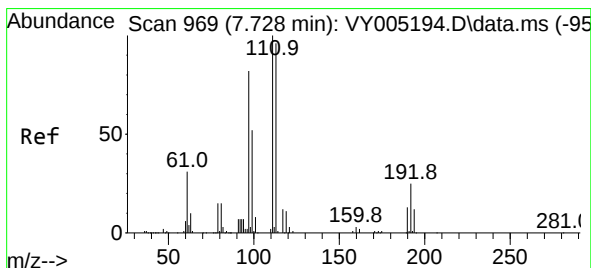
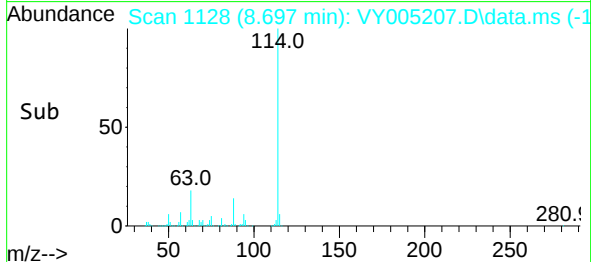
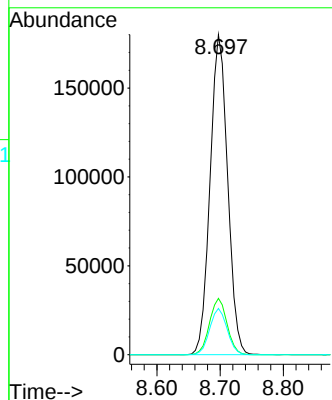
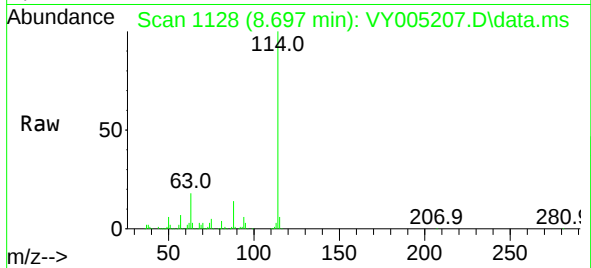




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY005207.D
Acq: 24 Jun 2021 13:42

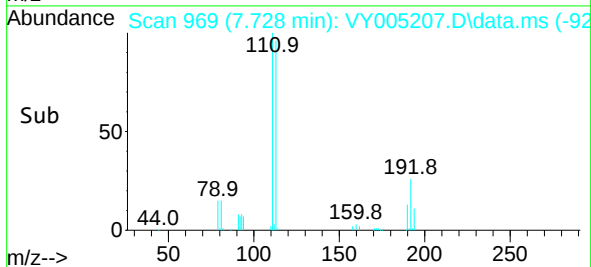
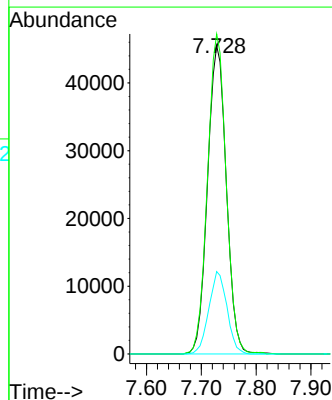
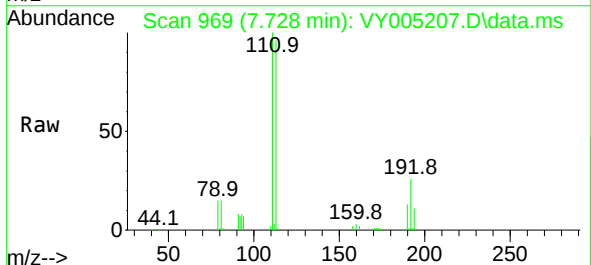
Instrument :
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ClientSampleId :
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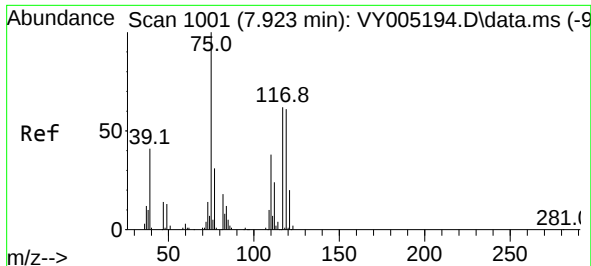
Tgt Ion:114 Resp: 346935
Ion Ratio Lower Upper
114 100
63 17.6 0.0 35.2
88 14.4 0.0 29.4



#35
Dibromofluoromethane
Concen: 52.882 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY005207.D
Acq: 24 Jun 2021 13:42

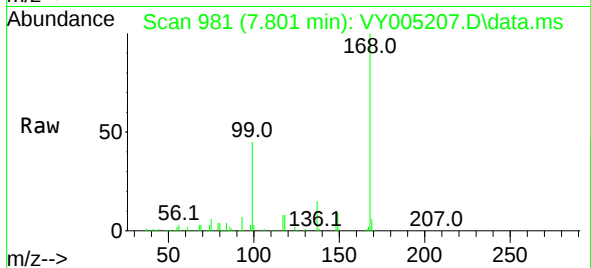
Tgt Ion:113 Resp: 108201
Ion Ratio Lower Upper
113 100
111 102.9 82.6 124.0
192 25.7 20.2 30.2



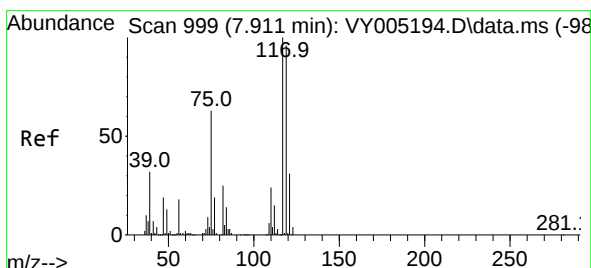
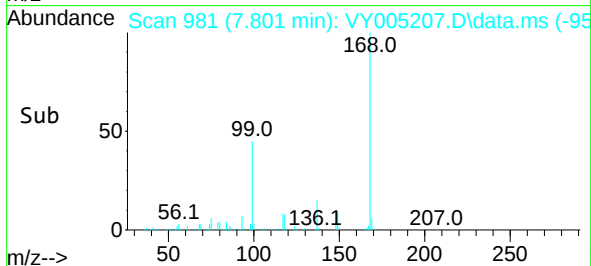
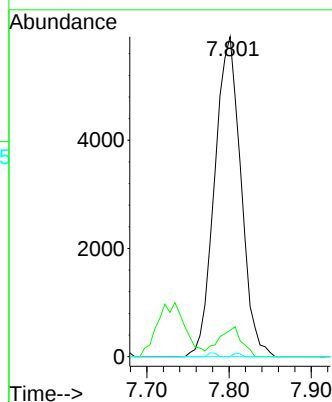


#36
1,1-Dichloropropene
Concen: 4.297 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.122 min
Lab File: VY005207.D
Acq: 24 Jun 2021 13:42

Instrument :
MSVOA_Y
ClientSampleId :
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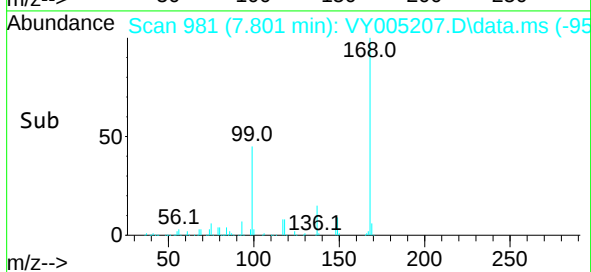
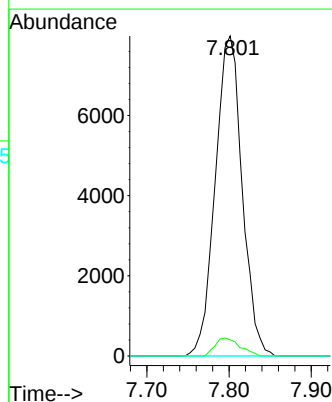
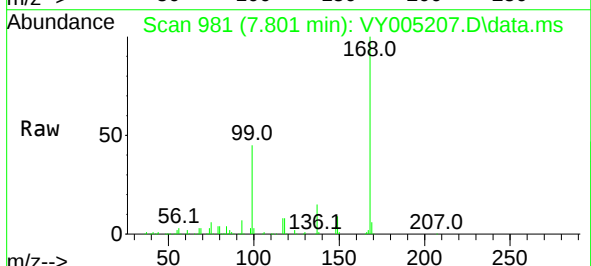


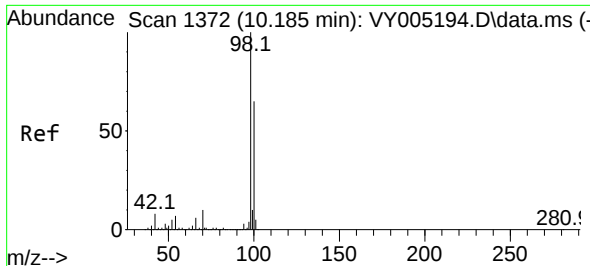
Tgt Ion: 75 Resp: 13126
Ion Ratio Lower Upper
75 100
110 8.1 19.1 57.5#
77 0.3 25.2 37.8#



#38
Carbon Tetrachloride
Concen: 5.673 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY005207.D
Acq: 24 Jun 2021 13:42

Tgt Ion: 117 Resp: 18143
Ion Ratio Lower Upper
117 100
119 5.1 76.2 114.4#
121 0.0 24.7 37.1#

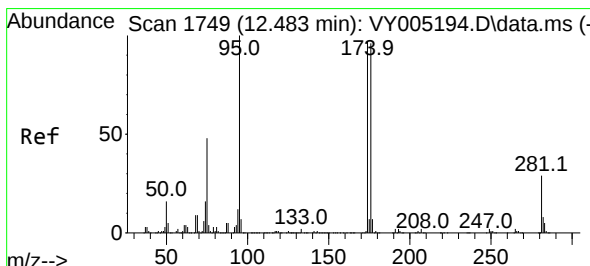
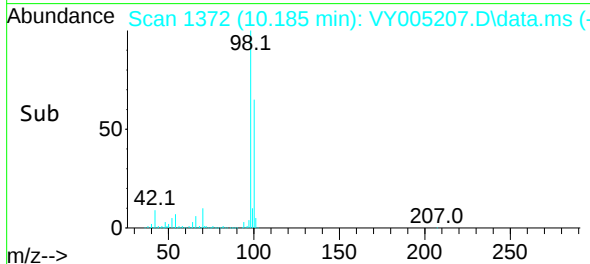
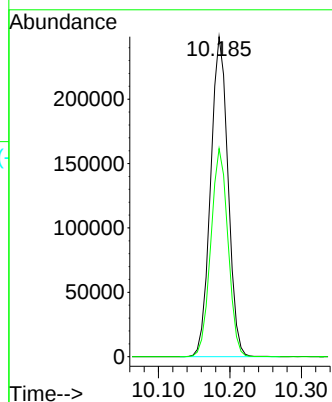
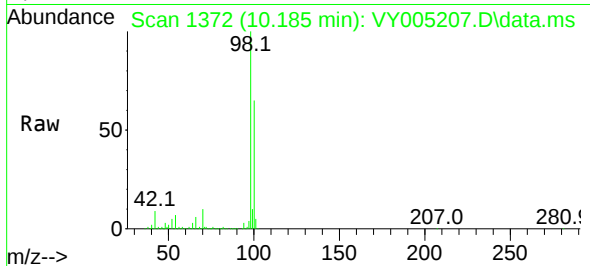




#50
Toluene-d8
Concen: 51.291 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY005207.D
Acq: 24 Jun 2021 13:42

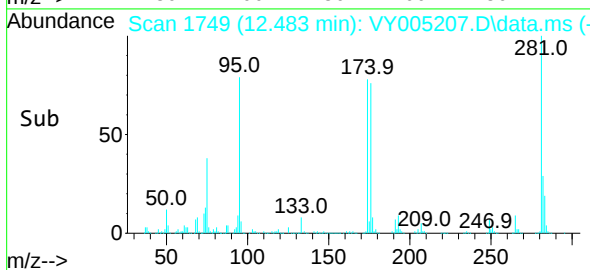
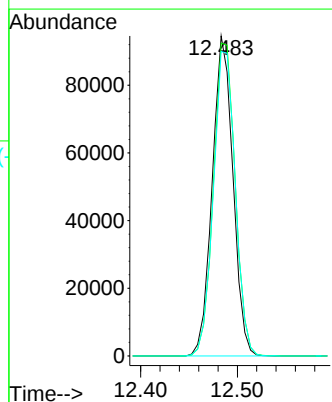
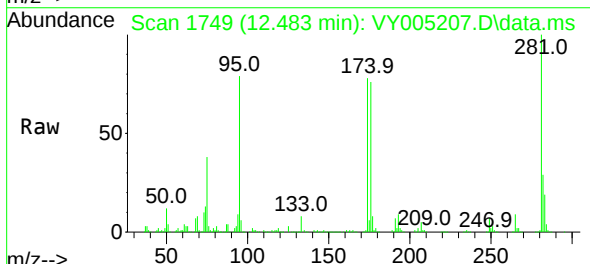
Instrument :
MSVOA_Y
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15B-STOCKPILE-3B

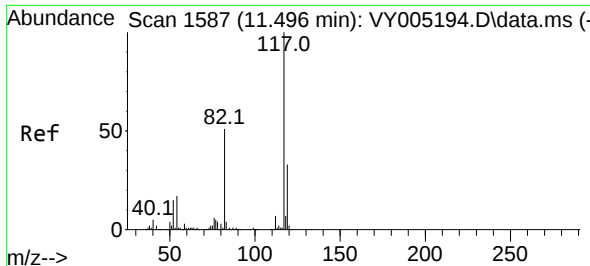
Tgt Ion: 98 Resp: 419686
Ion Ratio Lower Upper
98 100
100 64.2 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 51.553 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005207.D
Acq: 24 Jun 2021 13:42

Tgt Ion: 95 Resp: 140564
Ion Ratio Lower Upper
95 100
174 102.5 0.0 201.6
176 100.8 0.0 197.4

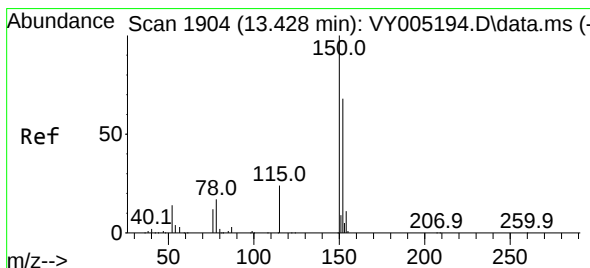
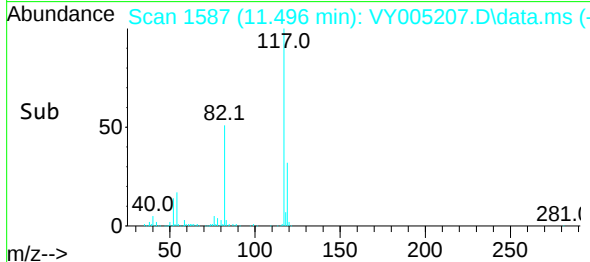
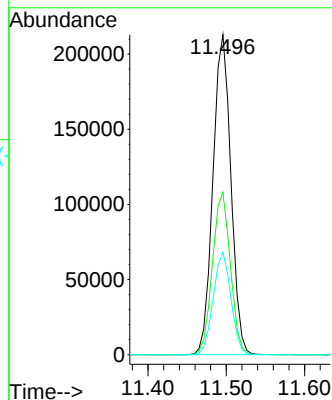
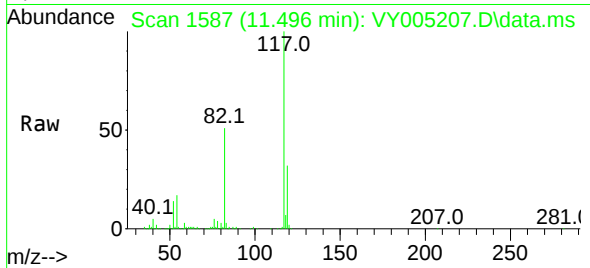




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY005207.D
Acq: 24 Jun 2021 13:42

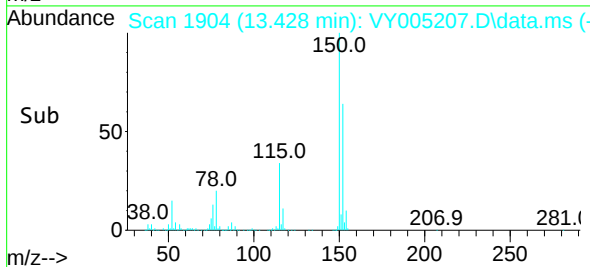
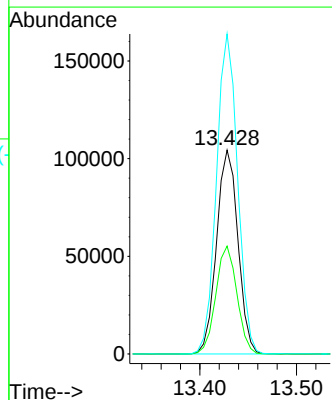
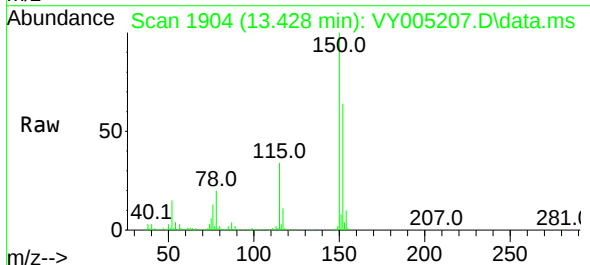
Instrument :
MSVOA_Y
ClientSampleId :
15B-STOCKPILE-3B

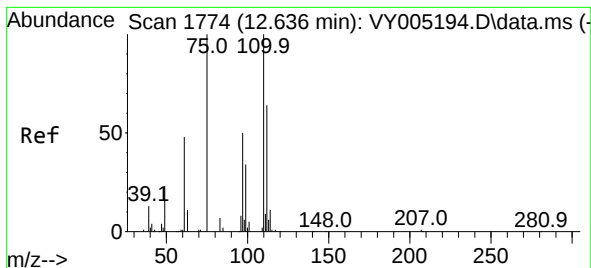
Tgt Ion:117 Resp: 338196
Ion Ratio Lower Upper
117 100
82 50.7 40.6 60.8
119 32.0 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY005207.D
Acq: 24 Jun 2021 13:42

Tgt Ion:152 Resp: 160173
Ion Ratio Lower Upper
152 100
115 52.3 26.3 78.8
150 154.9 0.0 344.2

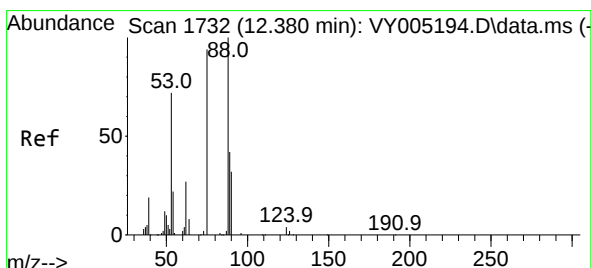
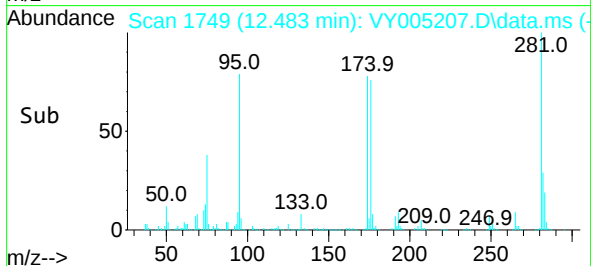
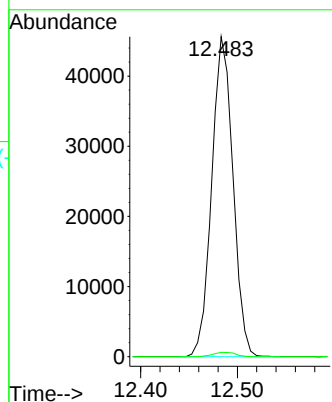
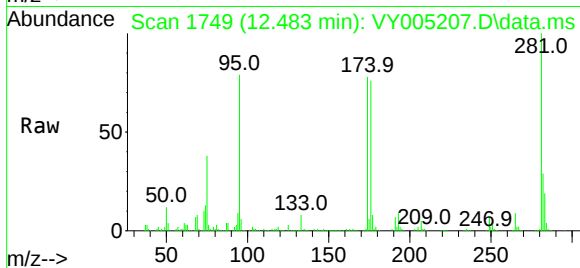




#76
1,2,3-Trichloropropane
Concen: 49.001 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY005207.D
Acq: 24 Jun 2021 13:42

Instrument :
MSVOA_Y
ClientSampleId :
15B-STOCKPILE-3B

Tgt Ion: 75 Resp: 69609
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 91.425 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY005207.D
Acq: 24 Jun 2021 13:42

Tgt Ion: 75 Resp: 69609
Ion Ratio Lower Upper
75 100
53 0.0 63.0 94.4#
89 1.6 38.0 57.0#

