

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070221\
 Data File : VY005345.D
 Acq On : 02 Jul 2021 16:18
 Operator : SY/MD
 Sample : M2933-05
 Misc : 5.01G/5ML/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 5

Quant Time: Jul 05 01:06:28 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)

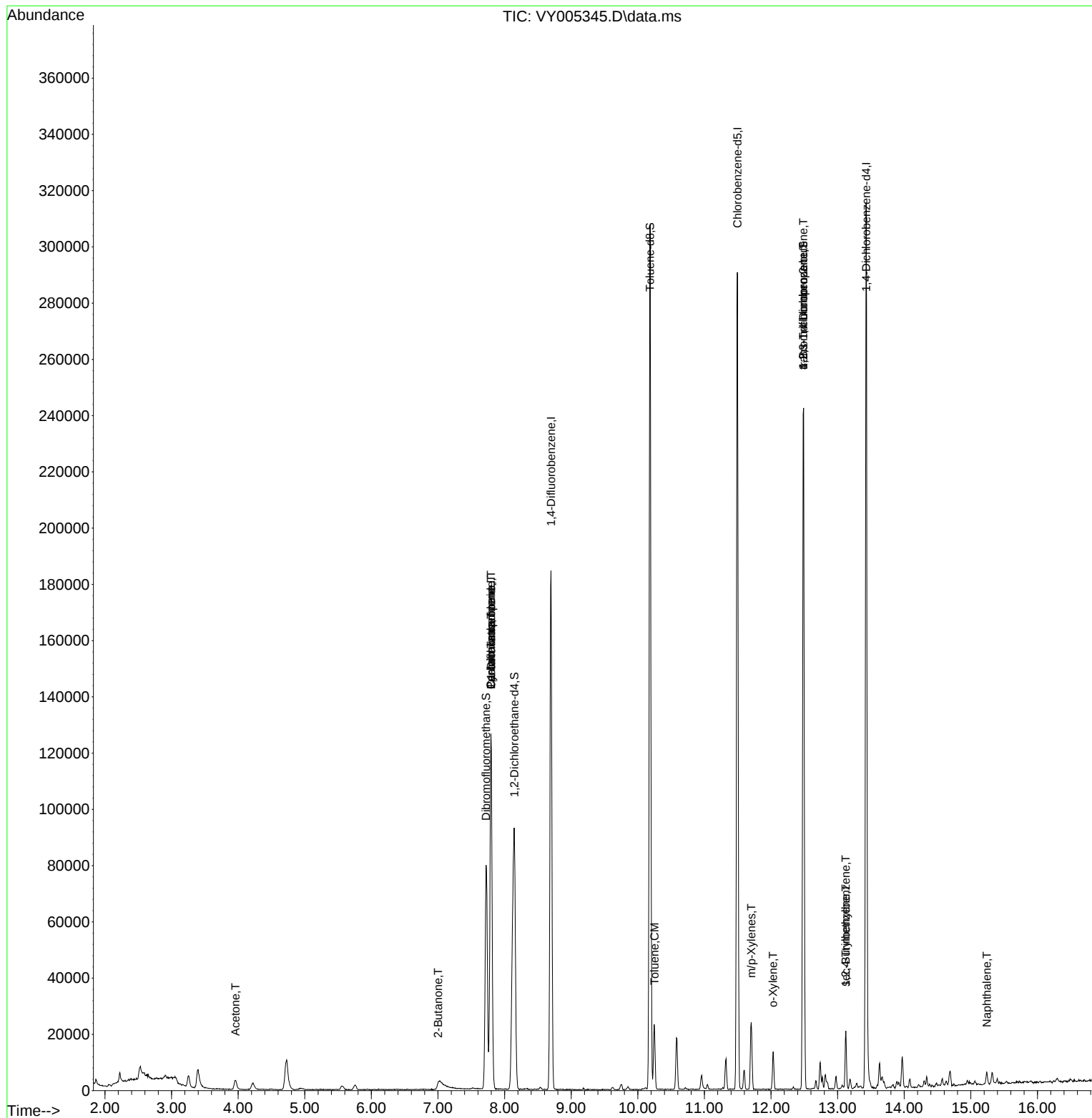
Internal Standards						
1) Pentafluorobenzene	7.795	168	106087	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	163732	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	164383	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	83964	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	56907	64.640	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 129.280%	
35) Dibromofluoromethane	7.721	113	55914	57.905	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 115.800%	
50) Toluene-d8	10.184	98	200518	51.926	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 103.860%	
62) 4-Bromofluorobenzene	12.483	95	66183	51.433	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 102.860%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.923	59	236	Below Cal	#	77
16) Acetone	3.960	43	5772	28.381	ug/l #	86
20) Methylene Chloride	4.728	84	8261	Below Cal		97
25) 2-Butanone	7.002	43	305	1.028	ug/l #	43
31) Cyclohexane	7.795	56	2141	1.362	ug/l #	33
36) 1,1-Dichloropropene	7.795	75	8083	5.606	ug/l #	47
38) Carbon Tetrachloride	7.795	117	9131	6.050	ug/l #	16
52) Toluene	10.251	92	9098	3.348	ug/l	91
68) m/p-Xylenes	11.702	106	7447	3.308	ug/l	98
69) o-Xylene	12.032	106	3522	1.652	ug/l	94
76) 1,2,3-Trichloropropane	12.483	75	33975	45.624	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	33975	85.125	ug/l #	17
84) 1,2,4-Trimethylbenzene	13.123	105	10528	2.364	ug/l	98
85) sec-Butylbenzene	13.123	105	10528	1.802	ug/l #	54
95) Naphthalene	15.238	128	3695	1.161	ug/l	98

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070221\
Data File : VY005345.D
Acq On : 02 Jul 2021 16:18
Operator : SY/MD
Sample : M2933-05
Misc : 5.01G/5ML/MSVOA_Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
5

Quant Time: Jul 05 01:06:28 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

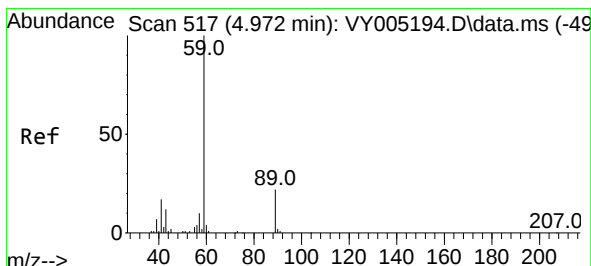
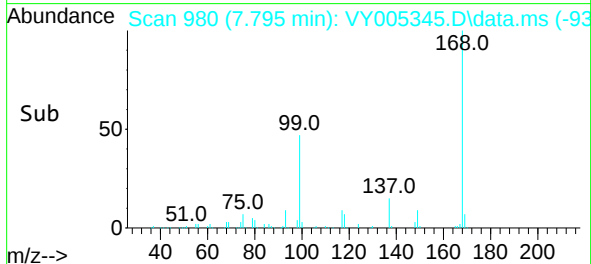
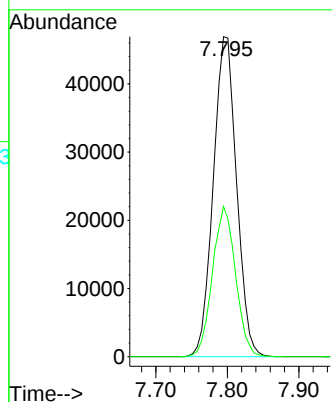
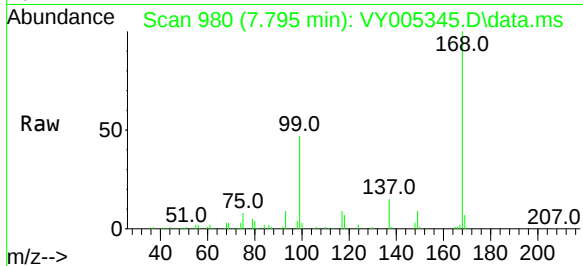




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005345.D
Acq: 02 Jul 2021 16:18

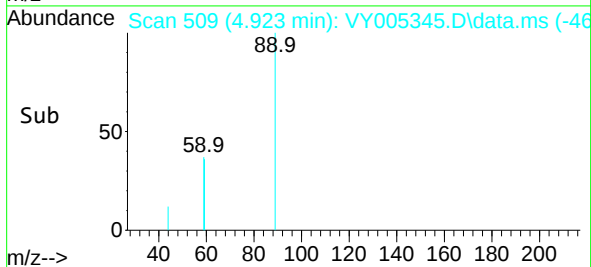
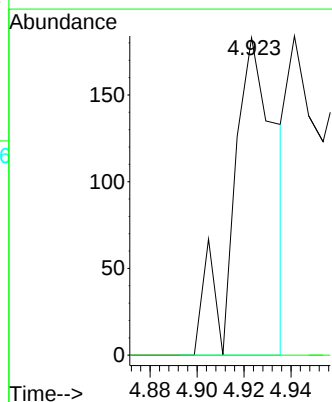
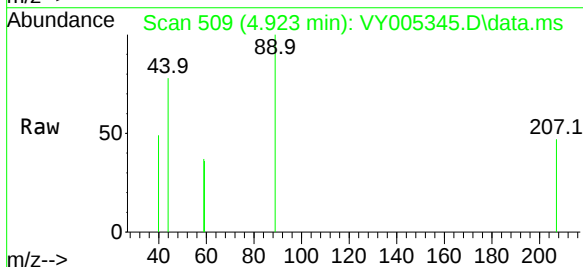
Instrument :
MSVOA_Y
ClientSampleId :
5

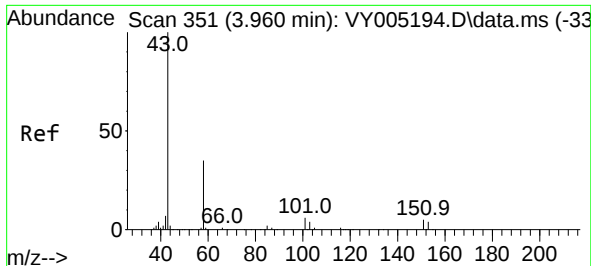
Tgt Ion:168 Resp: 106087
Ion Ratio Lower Upper
168 100
99 47.0 36.2 54.4



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.923 min Scan# 509
Delta R.T. -0.049 min
Lab File: VY005345.D
Acq: 02 Jul 2021 16:18

Tgt Ion: 59 Resp: 236
Ion Ratio Lower Upper
59 100
57 0.0 6.5 9.7#

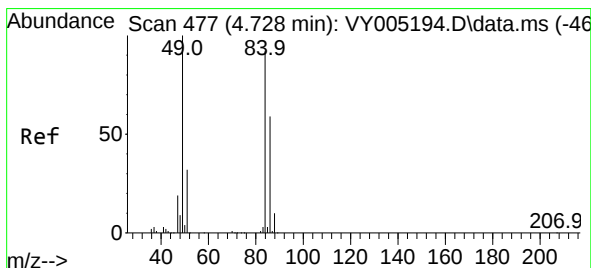
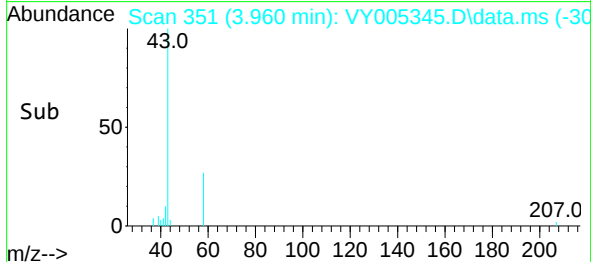
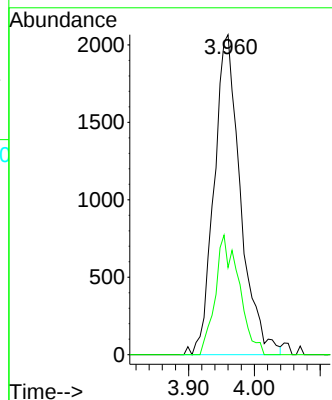
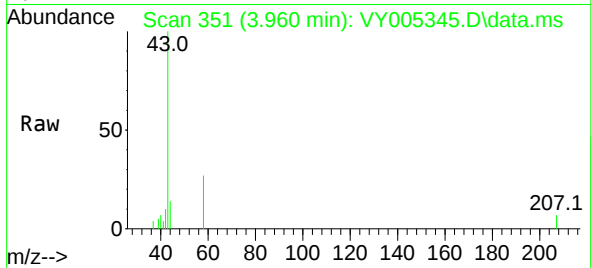




#16
Acetone
Concen: 28.381 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY005345.D
Acq: 02 Jul 2021 16:18

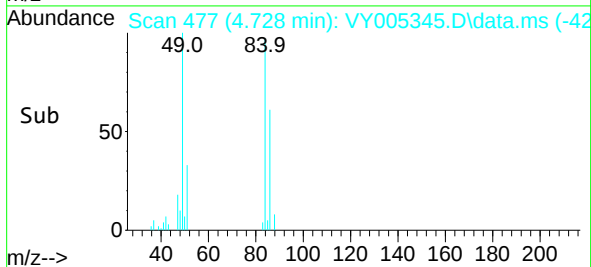
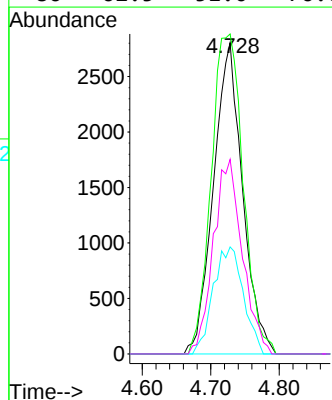
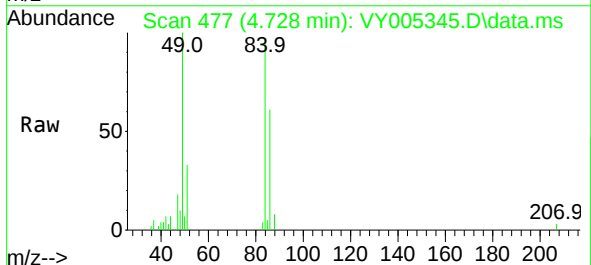
Instrument :
MSVOA_Y
ClientSampled :
5

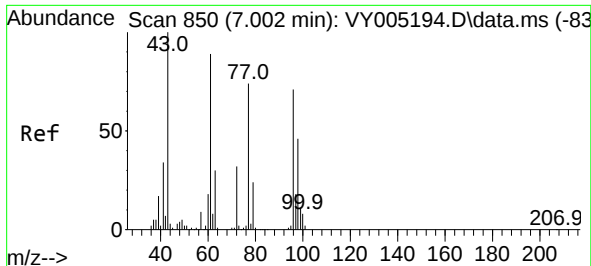
Tgt Ion: 43 Resp: 5772
Ion Ratio Lower Upper
43 100
58 27.3 28.2 42.2#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.728 min Scan# 477
Delta R.T. 0.000 min
Lab File: VY005345.D
Acq: 02 Jul 2021 16:18

Tgt Ion: 84 Resp: 8261
Ion Ratio Lower Upper
84 100
49 102.8 86.9 130.3
51 34.4 27.4 41.2
86 62.5 51.0 76.6

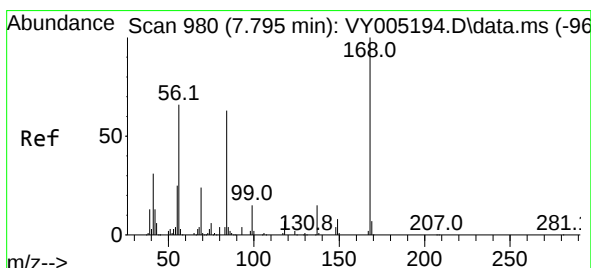
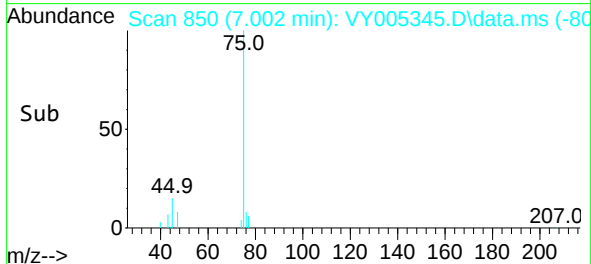
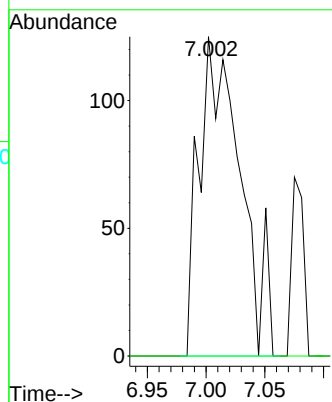
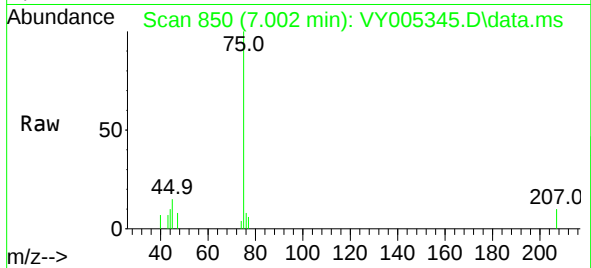




#25
2-Butanone
Concen: 1.028 ug/l
RT: 7.002 min Scan# 850
Delta R.T. -0.000 min
Lab File: VY005345.D
Acq: 02 Jul 2021 16:18

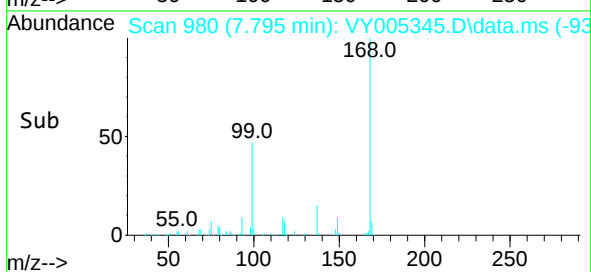
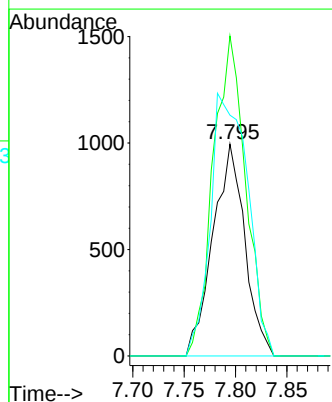
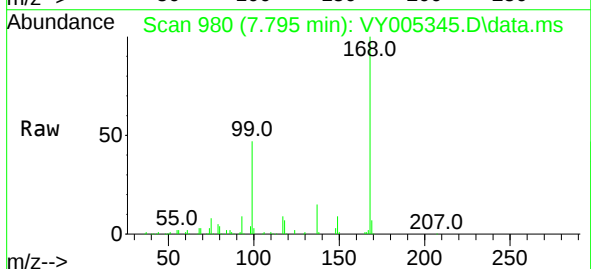
Instrument :
MSVOA_Y
ClientSampled :
5

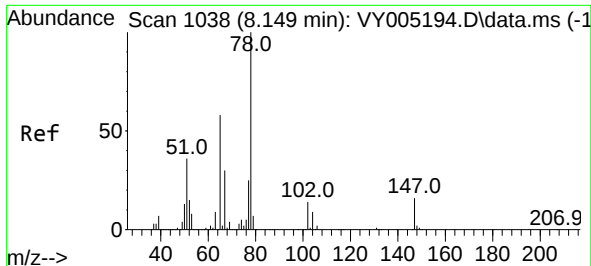
Tgt Ion: 43 Resp: 305
Ion Ratio Lower Upper
43 100
72 0.0 25.3 37.9#



#31
Cyclohexane
Concen: 1.362 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY005345.D
Acq: 02 Jul 2021 16:18

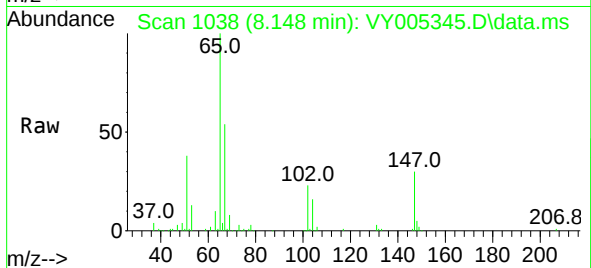
Tgt Ion: 56 Resp: 2141
Ion Ratio Lower Upper
56 100
69 151.1 29.6 44.4#
84 113.7 76.4 114.6



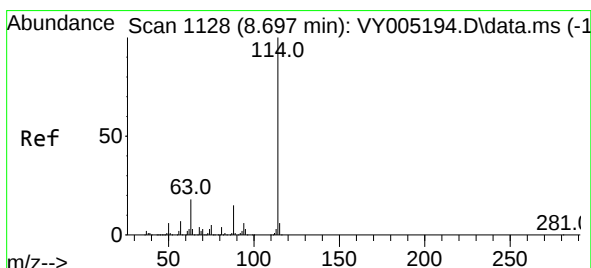
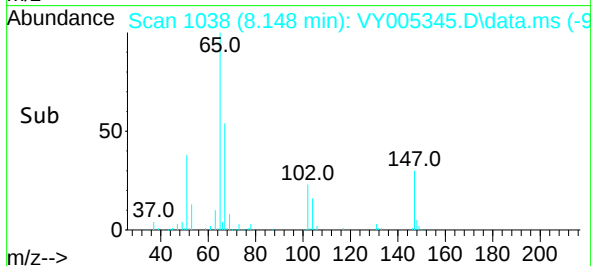
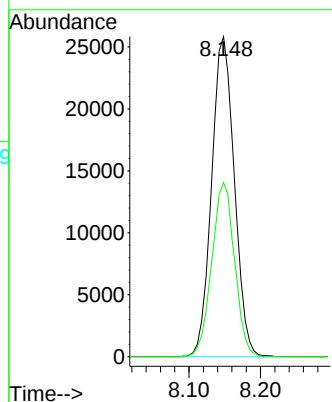


#33
1,2-Dichloroethane-d4
Concen: 64.640 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005345.D
Acq: 02 Jul 2021 16:18

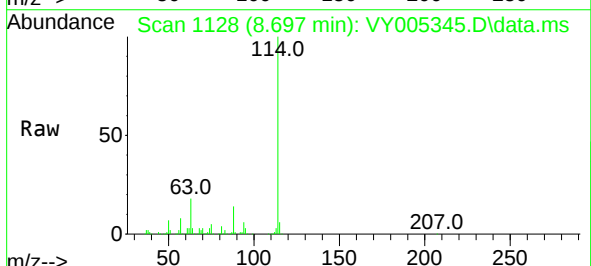
Instrument :
MSVOA_Y
ClientSampled :
5



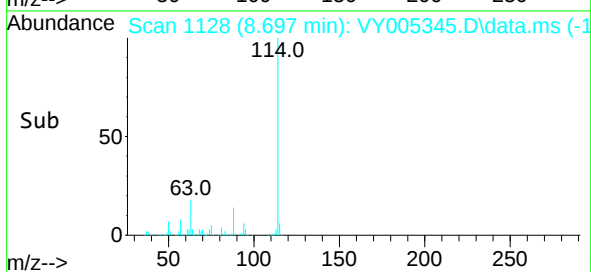
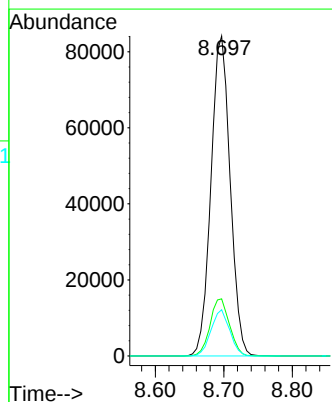
Tgt Ion: 65 Resp: 56907
Ion Ratio Lower Upper
65 100
67 54.7 0.0 110.6

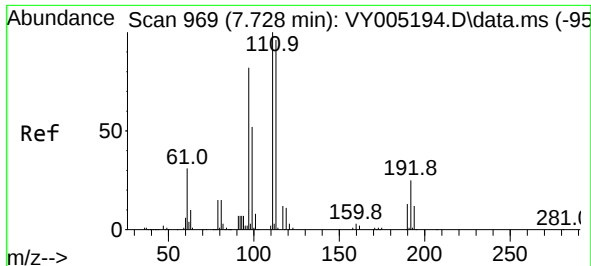


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005345.D
Acq: 02 Jul 2021 16:18



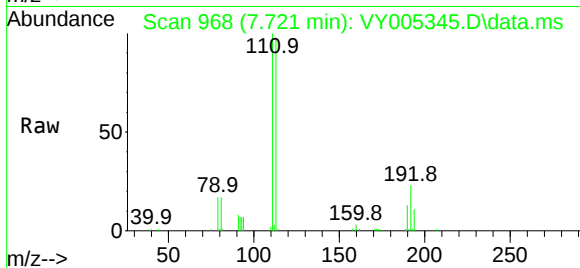
Tgt Ion: 114 Resp: 163732
Ion Ratio Lower Upper
114 100
63 17.8 0.0 35.2
88 14.5 0.0 29.4



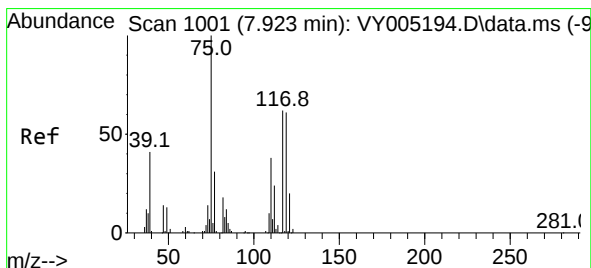
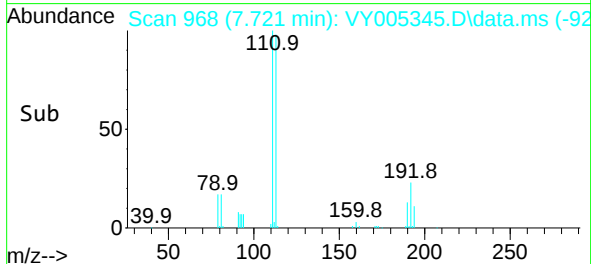
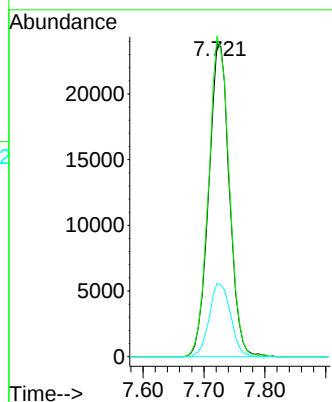


#35
Dibromofluoromethane
Concen: 57.905 ug/l
RT: 7.721 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY005345.D
Acq: 02 Jul 2021 16:18

Instrument :
MSVOA_Y
ClientSampleId :
5

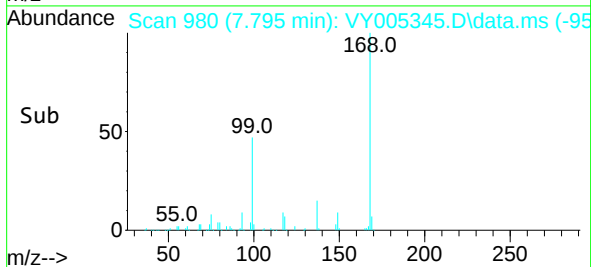
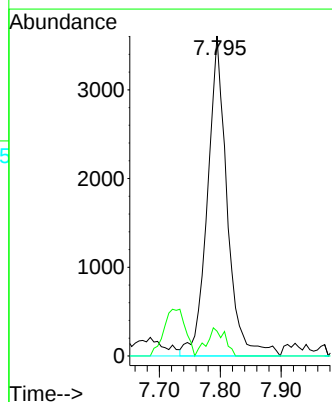
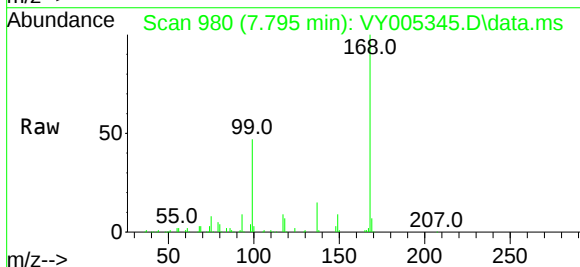


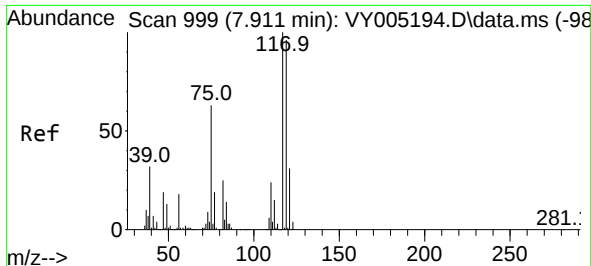
Tgt Ion:113 Resp: 55914
Ion Ratio Lower Upper
113 100
111 102.9 82.6 124.0
192 24.2 20.2 30.2



#36
1,1-Dichloropropene
Concen: 5.606 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY005345.D
Acq: 02 Jul 2021 16:18

Tgt Ion: 75 Resp: 8083
Ion Ratio Lower Upper
75 100
110 8.1 19.1 57.5#
77 0.0 25.2 37.8#

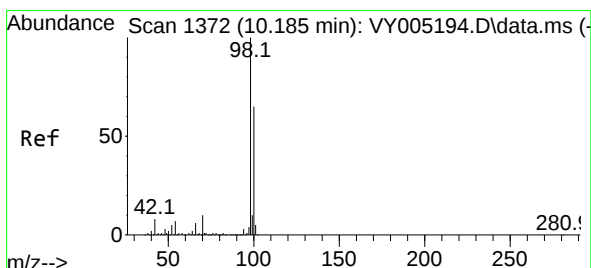
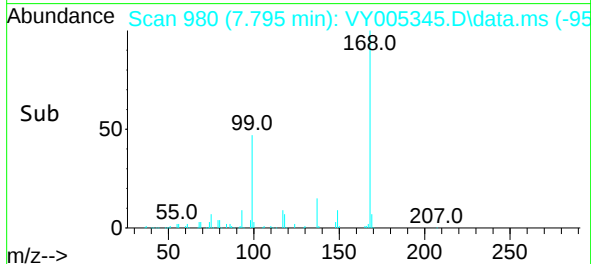
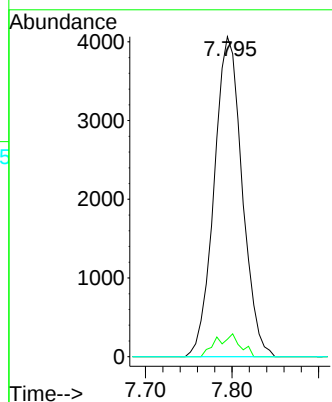
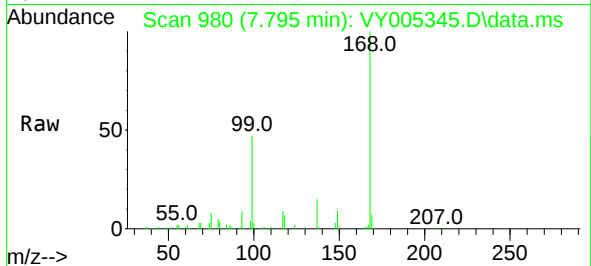




#38
Carbon Tetrachloride
Concen: 6.050 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY005345.D
Acq: 02 Jul 2021 16:18

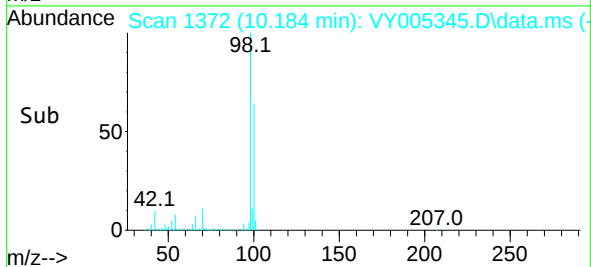
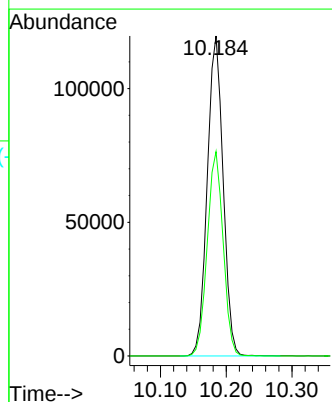
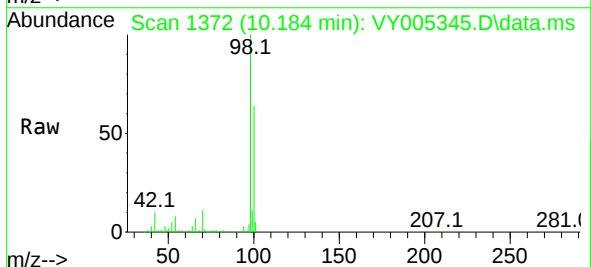
Instrument :
MSVOA_Y
ClientSampleId :
5

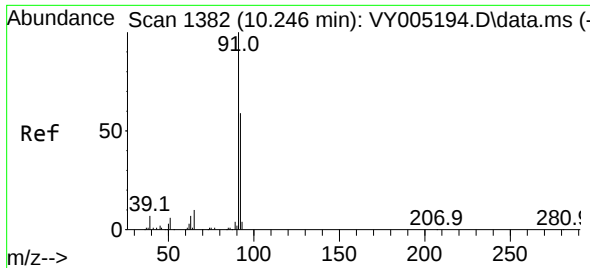
Tgt Ion:117 Resp: 9131
Ion Ratio Lower Upper
117 100
119 5.4 76.2 114.4#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 51.926 ug/l
RT: 10.184 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005345.D
Acq: 02 Jul 2021 16:18

Tgt Ion: 98 Resp: 200518
Ion Ratio Lower Upper
98 100
100 63.9 51.9 77.9

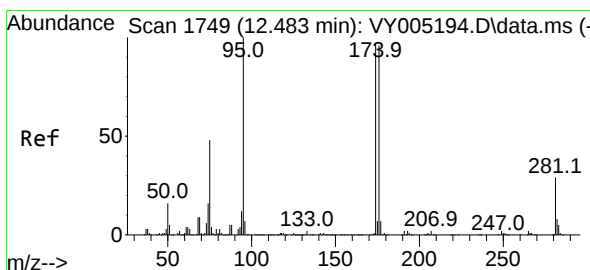
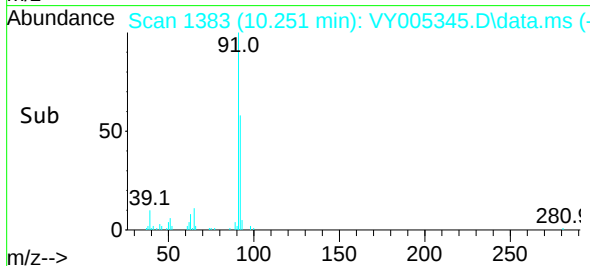
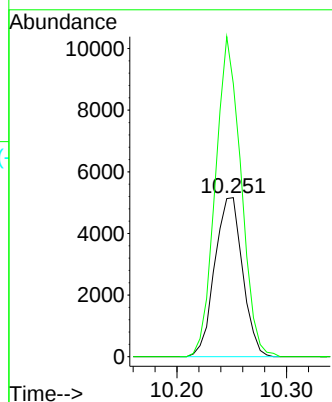
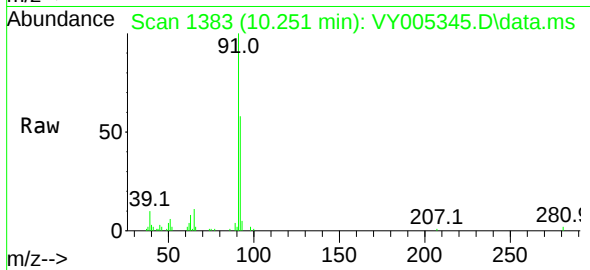




#52
Toluene
Concen: 3.348 ug/l
RT: 10.251 min Scan# 1383
Delta R.T. 0.006 min
Lab File: VY005345.D
Acq: 02 Jul 2021 16:18

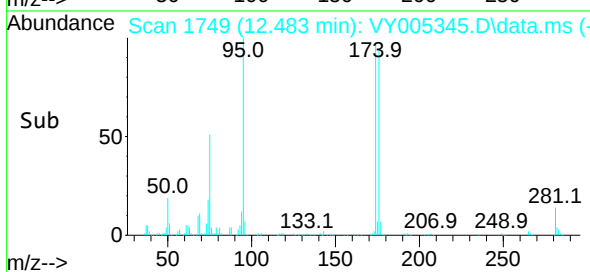
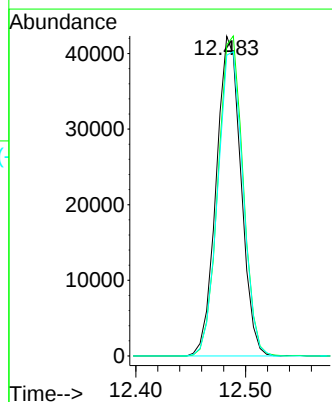
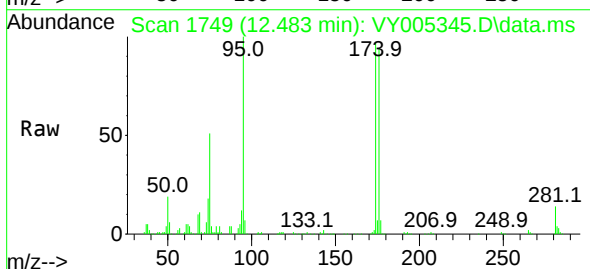
Instrument :
MSVOA_Y
ClientSampled :
5

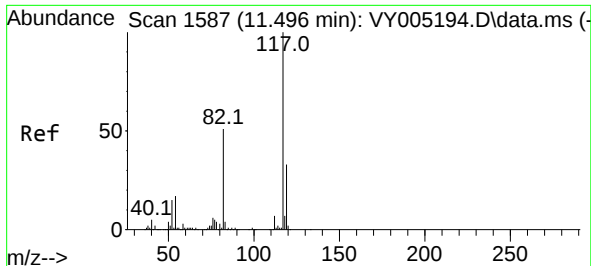
Tgt Ion: 92 Resp: 9098
Ion Ratio Lower Upper
92 100
91 185.6 138.3 207.5



#62
4-Bromofluorobenzene
Concen: 51.433 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005345.D
Acq: 02 Jul 2021 16:18

Tgt Ion: 95 Resp: 66183
Ion Ratio Lower Upper
95 100
174 101.0 0.0 201.6
176 97.5 0.0 197.4

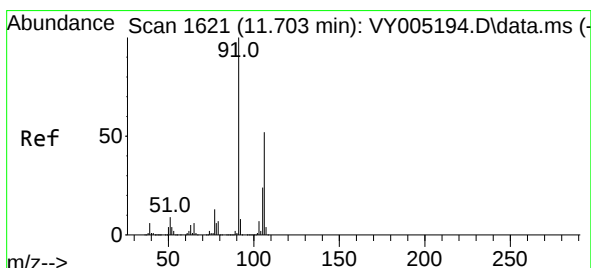
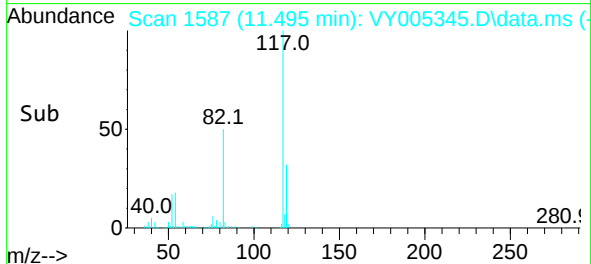
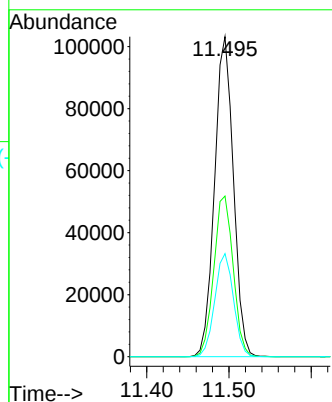
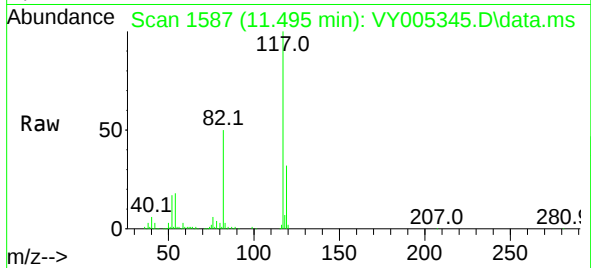




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005345.D
Acq: 02 Jul 2021 16:18

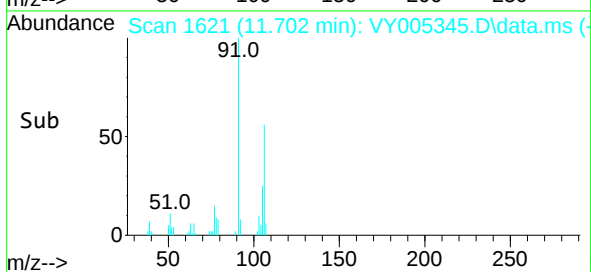
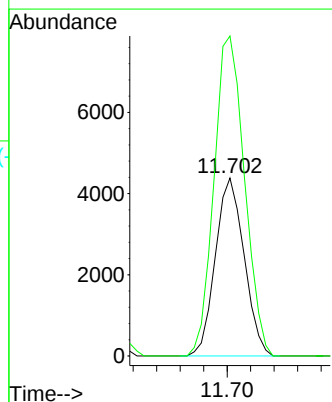
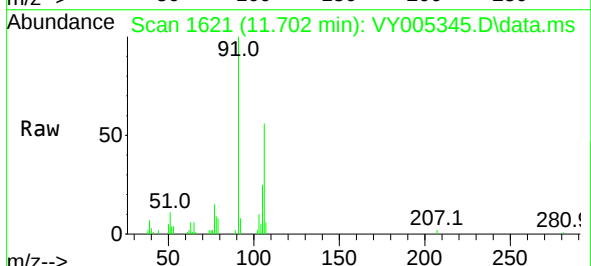
Instrument :
MSVOA_Y
ClientSampled :
5

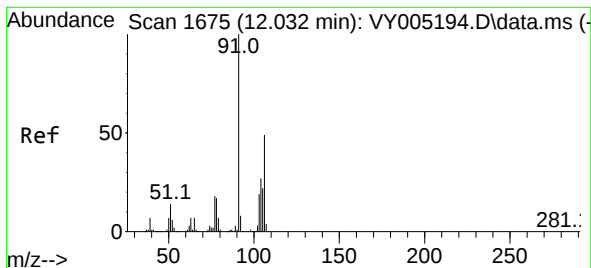
Tgt Ion:117 Resp: 164383
Ion Ratio Lower Upper
117 100
82 50.2 40.6 60.8
119 32.2 26.1 39.1



#68
m/p-Xylenes
Concen: 3.308 ug/l
RT: 11.702 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY005345.D
Acq: 02 Jul 2021 16:18

Tgt Ion:106 Resp: 7447
Ion Ratio Lower Upper
106 100
91 190.5 154.8 232.2

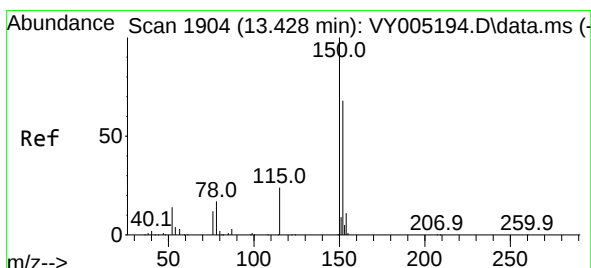
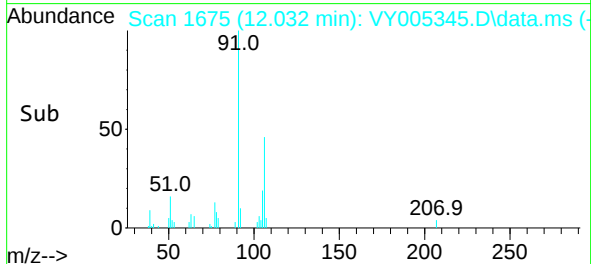
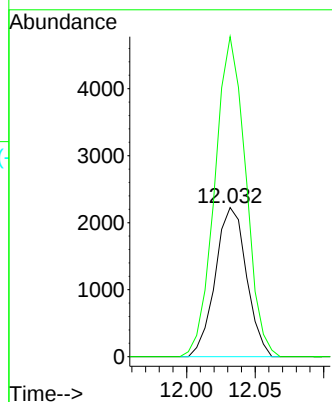
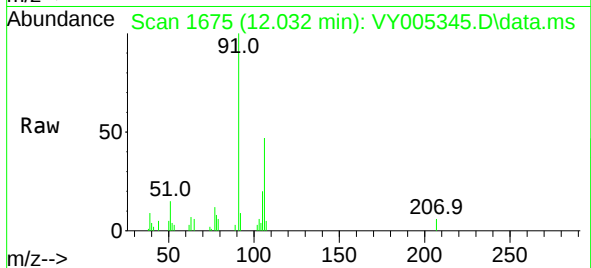




#69
o-Xylene
Concen: 1.652 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VY005345.D
Acq: 02 Jul 2021 16:18

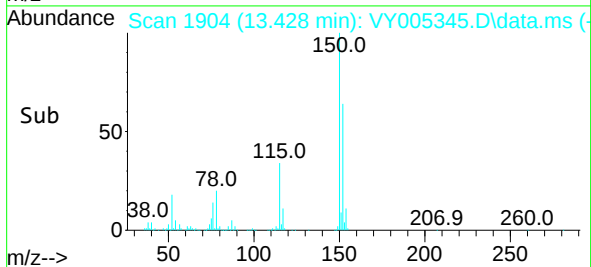
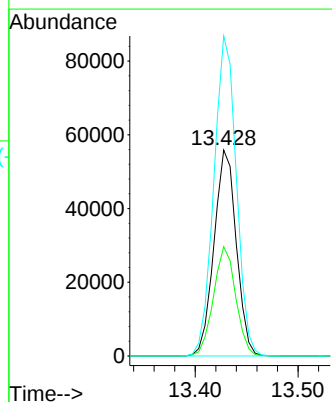
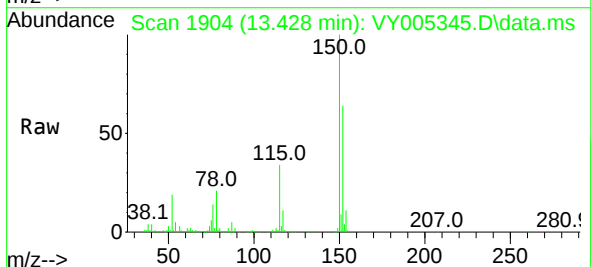
Instrument :
MSVOA_Y
ClientSampled :
5

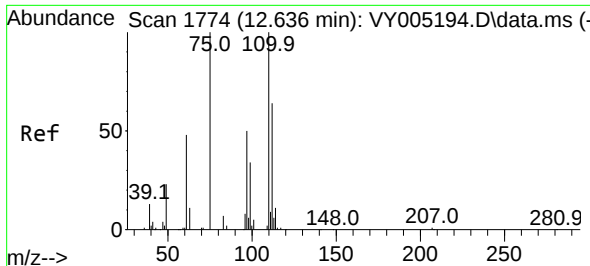
Tgt Ion:106 Resp: 3522
Ion Ratio Lower Upper
106 100
91 212.6 101.6 304.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005345.D
Acq: 02 Jul 2021 16:18

Tgt Ion:152 Resp: 83964
Ion Ratio Lower Upper
152 100
115 53.1 26.3 78.8
150 156.8 0.0 344.2

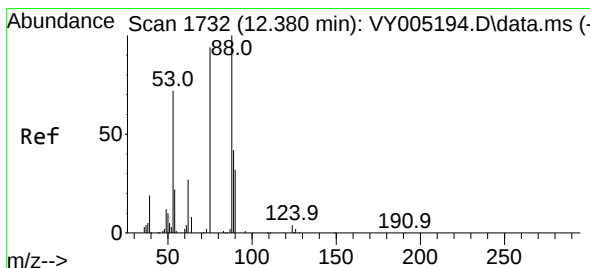
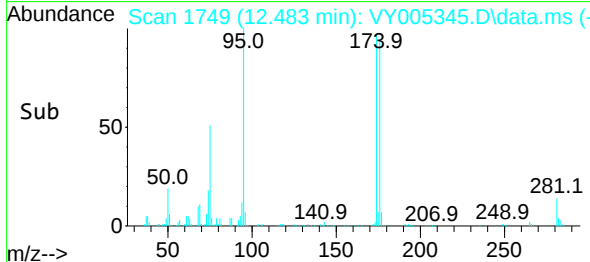
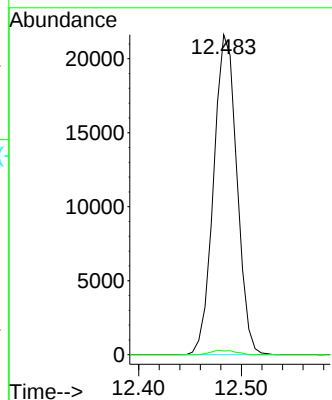
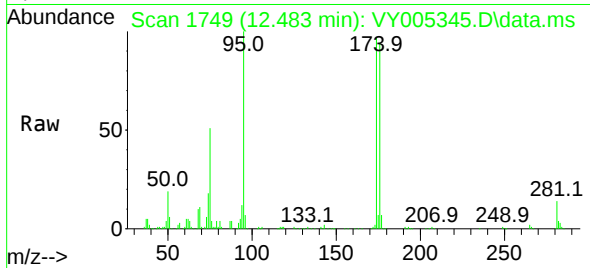




#76
1,2,3-Trichloropropane
Concen: 45.624 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY005345.D
Acq: 02 Jul 2021 16:18

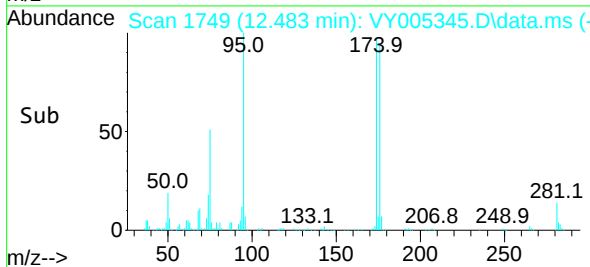
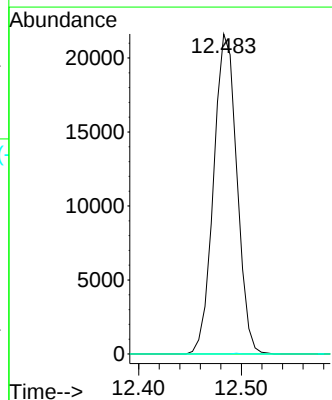
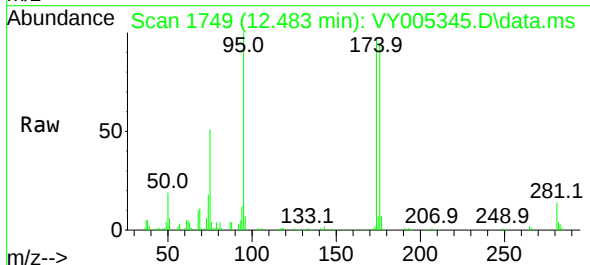
Instrument :
MSVOA_Y
ClientSampleId :
5

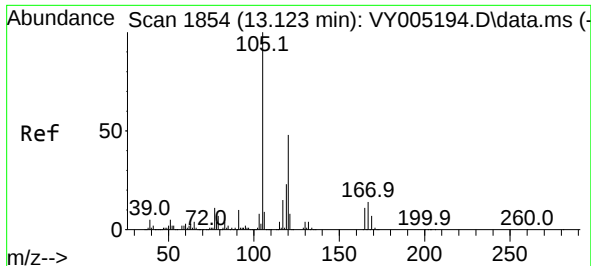
Tgt Ion: 75 Resp: 33975
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 85.125 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY005345.D
Acq: 02 Jul 2021 16:18

Tgt Ion: 75 Resp: 33975
Ion Ratio Lower Upper
75 100
53 0.0 63.0 94.4#
89 0.1 38.0 57.0#

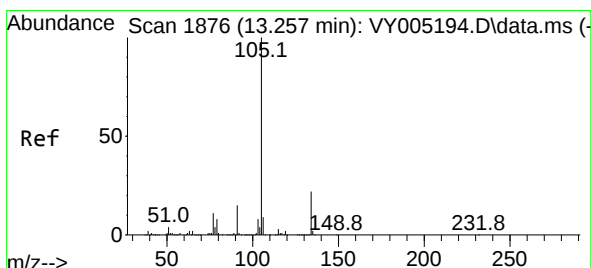
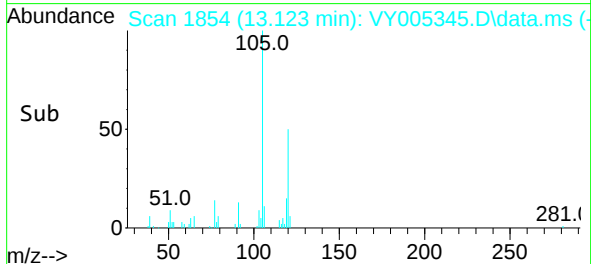
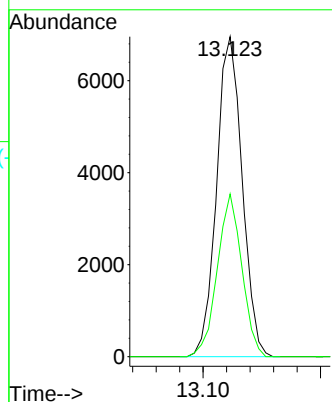
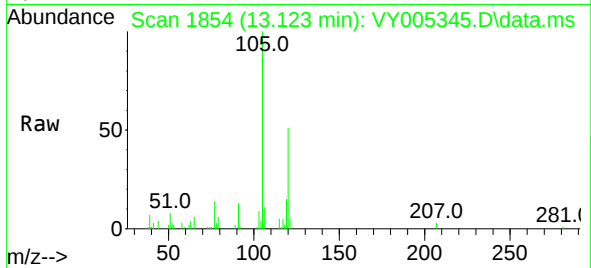




#84
1,2,4-Trimethylbenzene
Concen: 2.364 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. -0.000 min
Lab File: VY005345.D
Acq: 02 Jul 2021 16:18

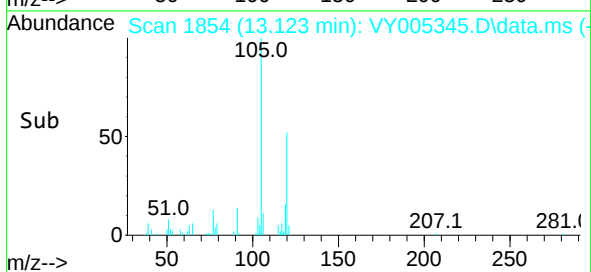
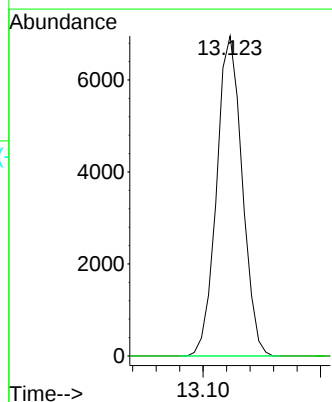
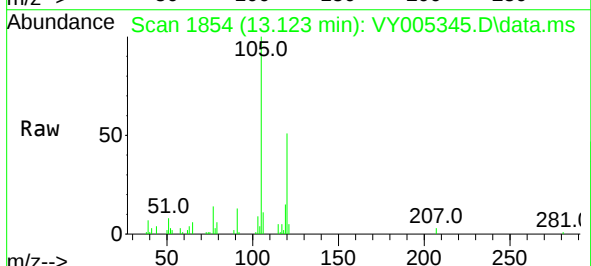
Instrument :
MSVOA_Y
ClientSampled :
5

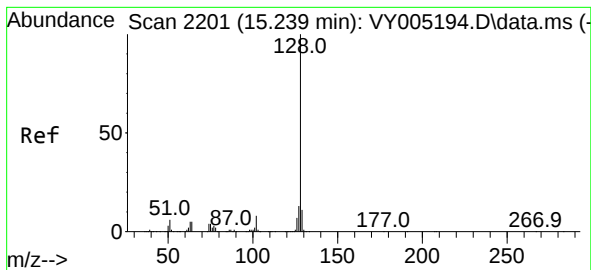
Tgt Ion:105 Resp: 10528
Ion Ratio Lower Upper
105 100
120 48.7 23.6 71.0



#85
sec-Butylbenzene
Concen: 1.802 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. -0.134 min
Lab File: VY005345.D
Acq: 02 Jul 2021 16:18

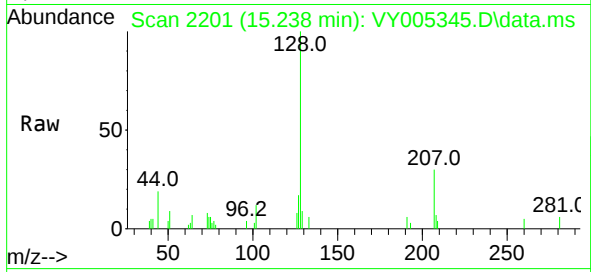
Tgt Ion:105 Resp: 10528
Ion Ratio Lower Upper
105 100
134 0.0 10.9 32.6#





#95
Naphthalene
Concen: 1.161 ug/l
RT: 15.238 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY005345.D
Acq: 02 Jul 2021 16:18

Instrument :
MSVOA_Y
ClientSampleId :
5



Tgt Ion:	128	Resp:	3695
Ion	Ratio	Lower	Upper
128	100		
127	13.7	10.2	15.4
129	11.3	8.7	13.1

