

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070221\
 Data File : VY005333.D
 Acq On : 02 Jul 2021 10:59
 Operator : SY/MD
 Sample : VY0702SBL01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0702SBL01

Quant Time: Jul 05 01:02:42 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)

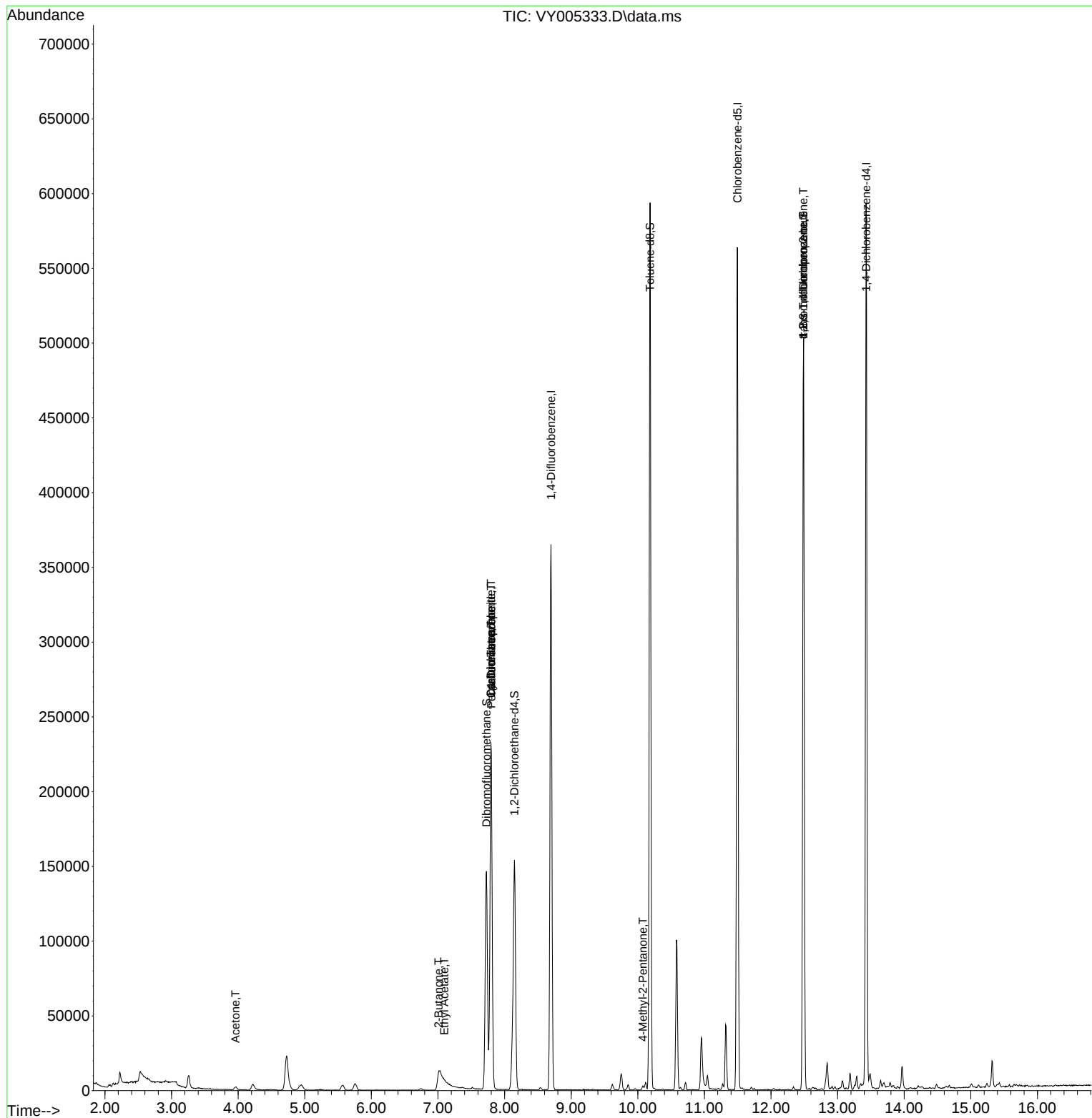
Internal Standards						
1) Pentafluorobenzene	7.801	168	196105	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	322773	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	311211	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	155657	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	110972	68.190	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 136.380%	
35) Dibromofluoromethane	7.728	113	102873	54.042	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.080%	
50) Toluene-d8	10.185	98	384990	50.573	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 101.140%	
62) 4-Bromofluorobenzene	12.483	95	130402	51.406	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 102.820%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.948	59	4974	Below Cal	#	79
16) Acetone	3.960	43	3554	9.453	ug/l	93
20) Methylene Chloride	4.728	84	17481	Below Cal		95
25) 2-Butanone	7.008	43	1228	2.240	ug/l	94
31) Cyclohexane	7.795	56	3604	1.240	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	13530	4.760	ug/l #	47
37) Ethyl Acetate	7.094	43	1629	1.111	ug/l #	72
38) Carbon Tetrachloride	7.795	117	17002	5.714	ug/l #	17
51) 4-Methyl-2-Pentanone	10.075	43	1844	1.308	ug/l	91
76) 1,2,3-Trichloropropane	12.483	75	65510	47.454	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	65510	88.538	ug/l #	17

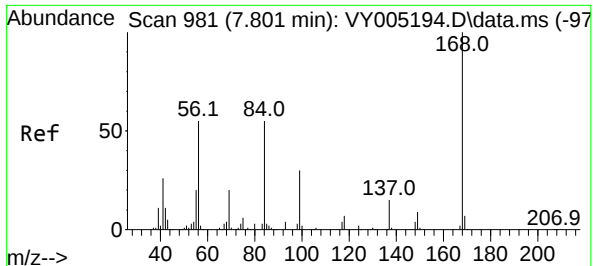
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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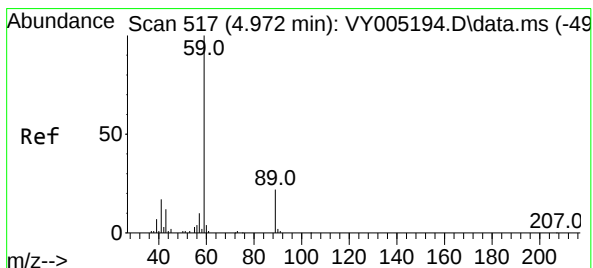
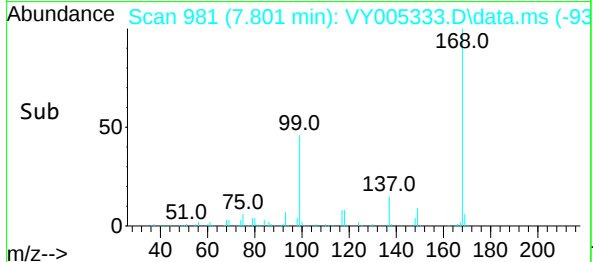
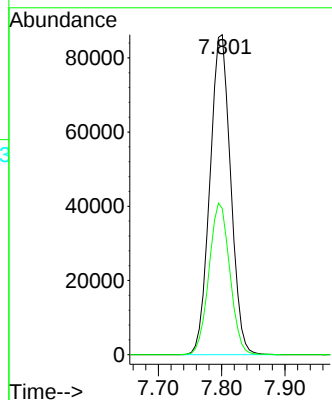
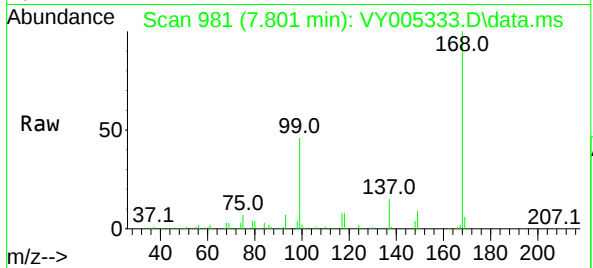




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005333.D
Acq: 02 Jul 2021 10:59

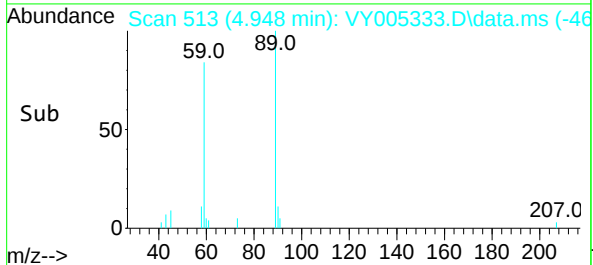
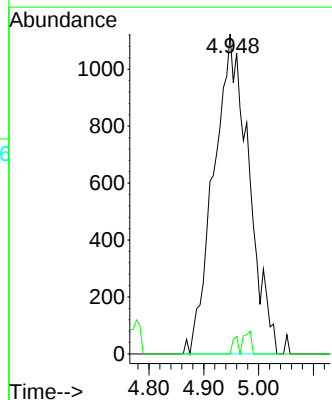
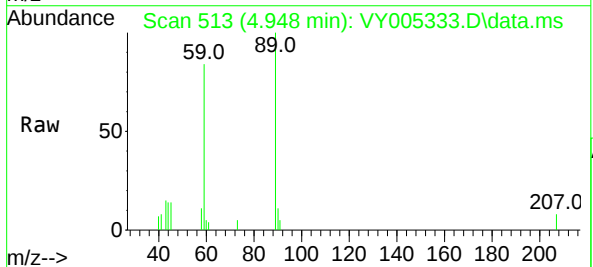
Instrument :
MSVOA_Y
ClientSampleId :
VY0702SBL01

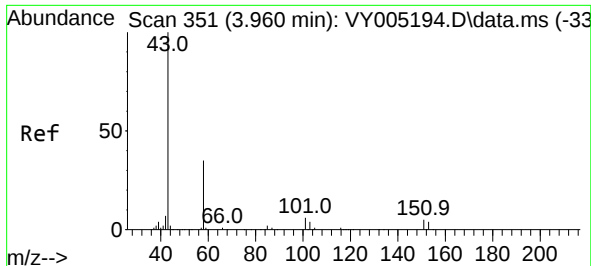
Tgt Ion:168 Resp: 196105
Ion Ratio Lower Upper
168 100
99 45.6 36.2 54.4



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.948 min Scan# 513
Delta R.T. -0.024 min
Lab File: VY005333.D
Acq: 02 Jul 2021 10:59

Tgt Ion: 59 Resp: 4974
Ion Ratio Lower Upper
59 100
57 0.8 6.5 9.7#

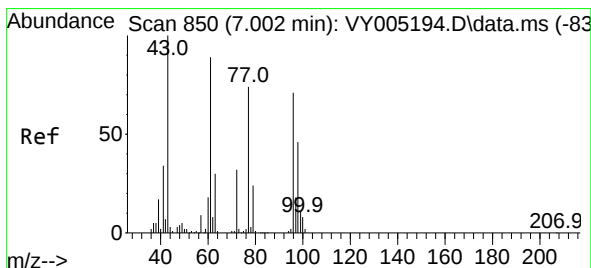
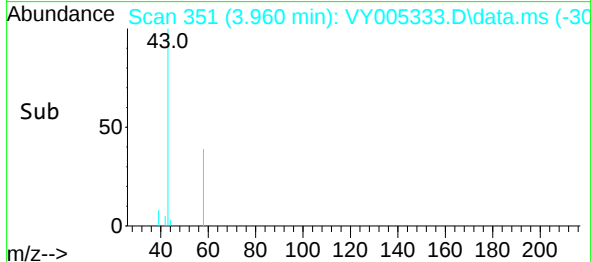
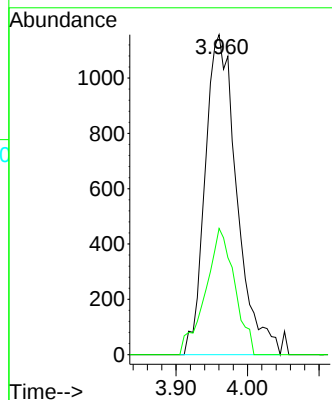
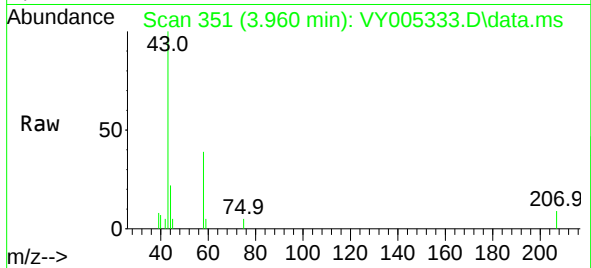




#16
Acetone
Concen: 9.453 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY005333.D
Acq: 02 Jul 2021 10:59

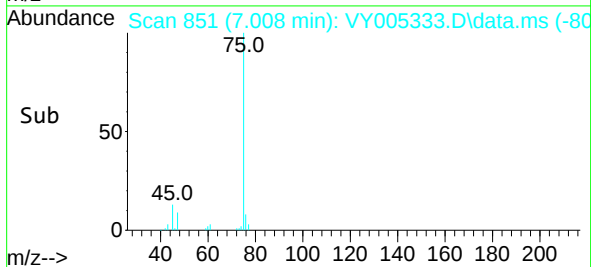
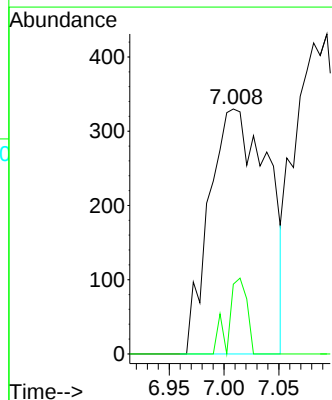
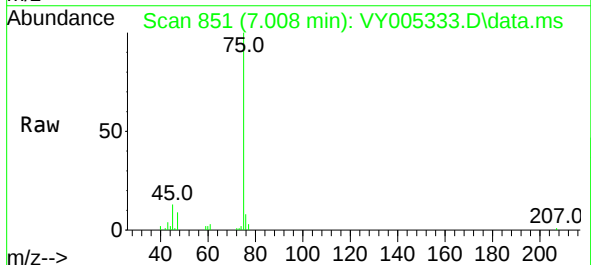
Instrument :
MSVOA_Y
ClientSampleId :
VY0702SBL01

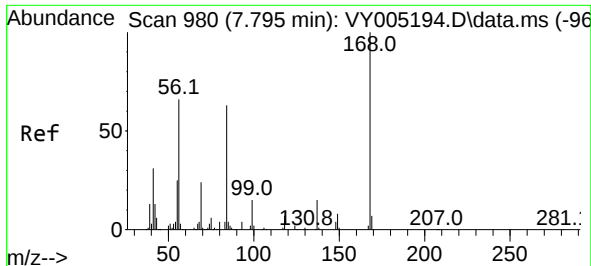
Tgt Ion: 43 Resp: 3554
Ion Ratio Lower Upper
43 100
58 39.4 28.2 42.2



#25
2-Butanone
Concen: 2.240 ug/l
RT: 7.008 min Scan# 851
Delta R.T. 0.006 min
Lab File: VY005333.D
Acq: 02 Jul 2021 10:59

Tgt Ion: 43 Resp: 1228
Ion Ratio Lower Upper
43 100
72 28.5 25.3 37.9

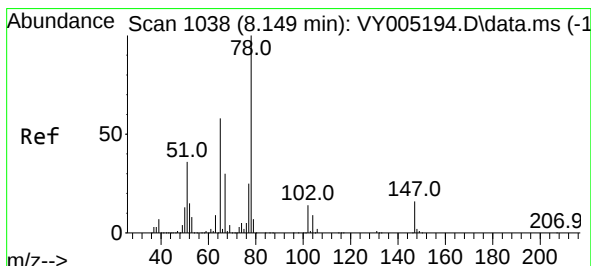
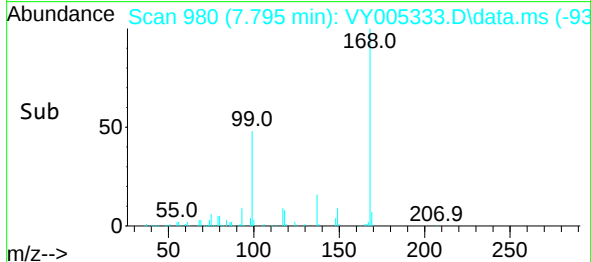
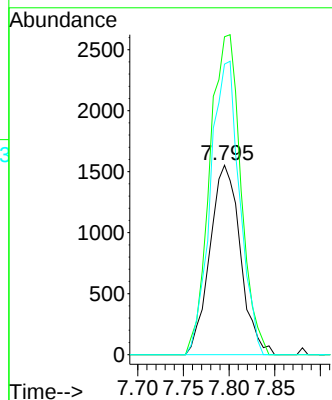
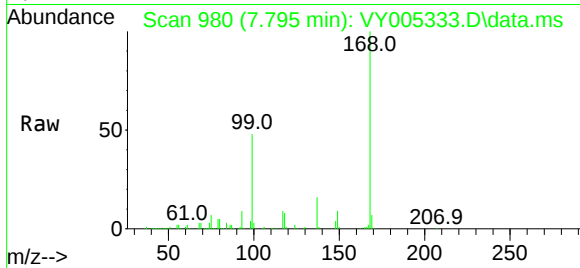




#31
Cyclohexane
Concen: 1.240 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY005333.D
Acq: 02 Jul 2021 10:59

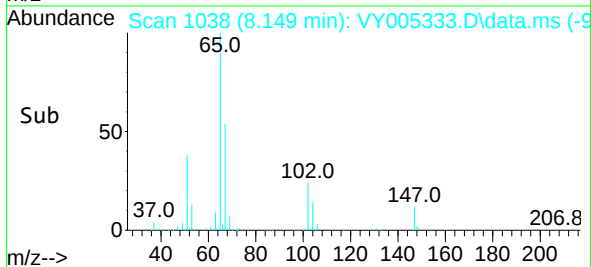
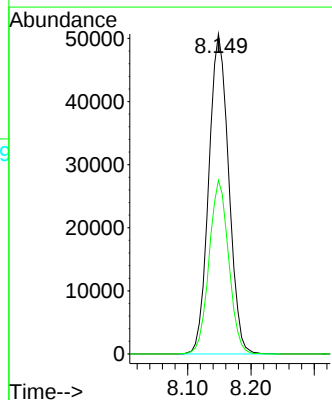
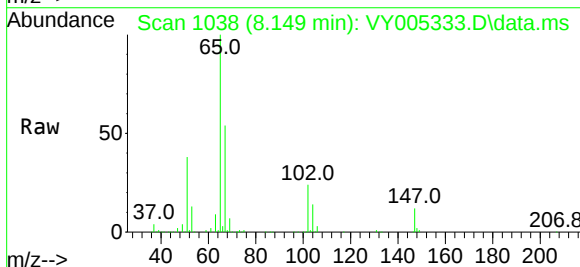
Instrument :
MSVOA_Y
ClientSampleId :
VY0702SBL01

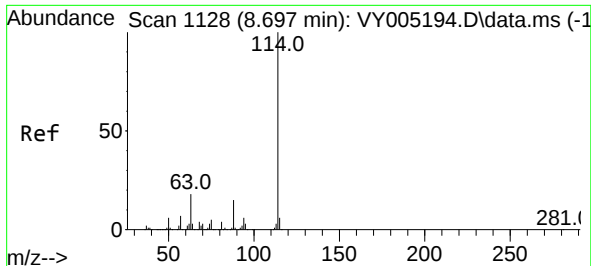
Tgt Ion: 56 Resp: 3604
Ion Ratio Lower Upper
56 100
69 167.8 29.6 44.4#
84 153.4 76.4 114.6#



#33
1,2-Dichloroethane-d4
Concen: 68.190 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005333.D
Acq: 02 Jul 2021 10:59

Tgt Ion: 65 Resp: 110972
Ion Ratio Lower Upper
65 100
67 53.3 0.0 110.6

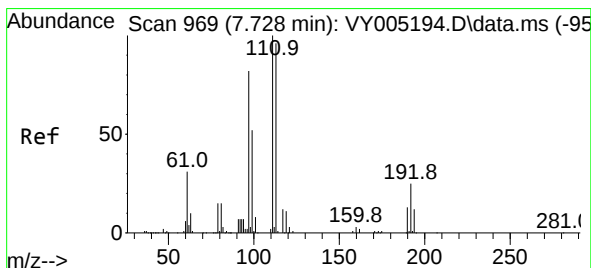
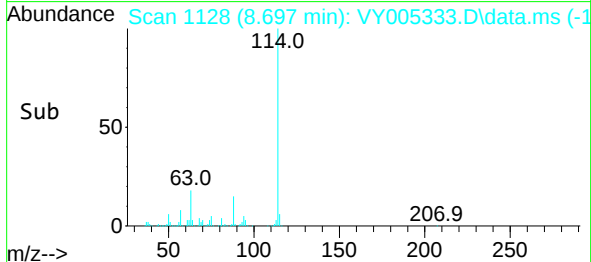
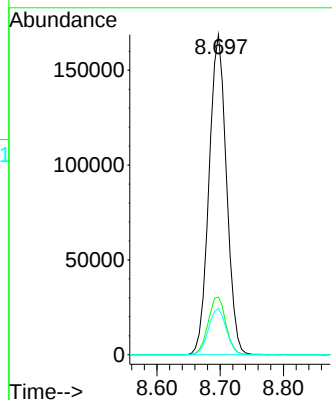
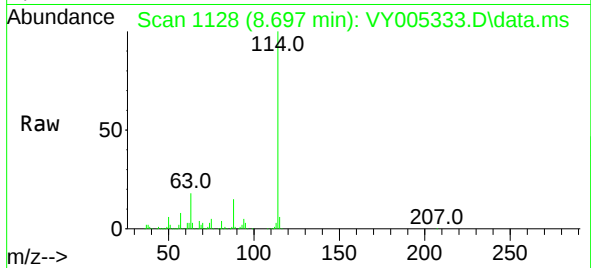




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005333.D
Acq: 02 Jul 2021 10:59

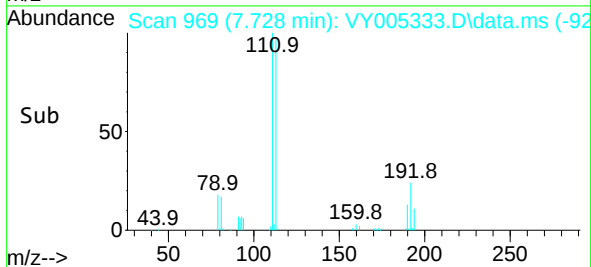
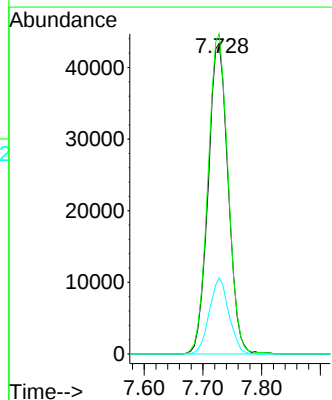
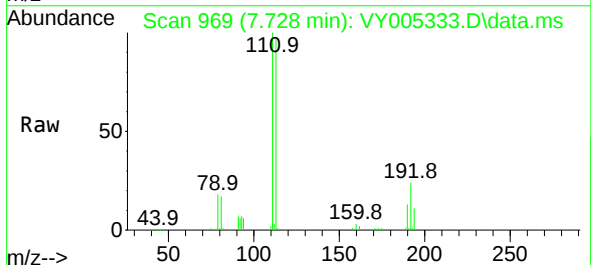
Instrument :
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ClientSampleId :
VY0702SBL01

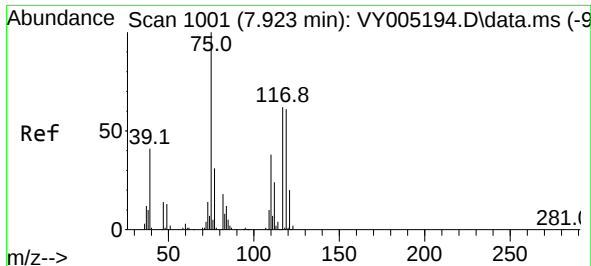
Tgt Ion:114 Resp: 322773
Ion Ratio Lower Upper
114 100
63 18.0 0.0 35.2
88 14.5 0.0 29.4



#35
Dibromofluoromethane
Concen: 54.042 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005333.D
Acq: 02 Jul 2021 10:59

Tgt Ion:113 Resp: 102873
Ion Ratio Lower Upper
113 100
111 103.4 82.6 124.0
192 23.8 20.2 30.2

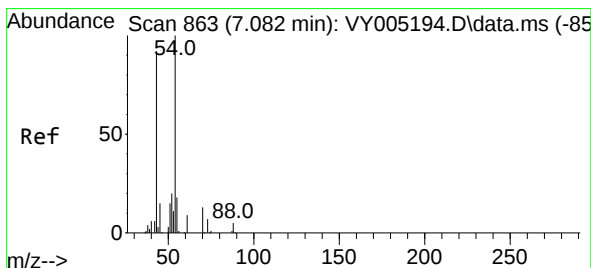
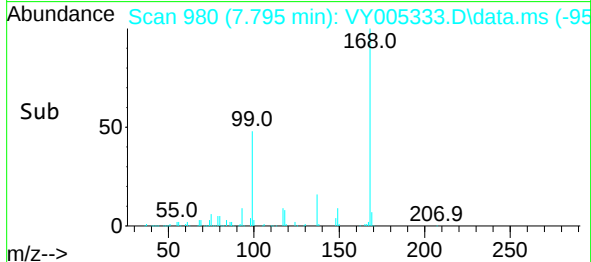
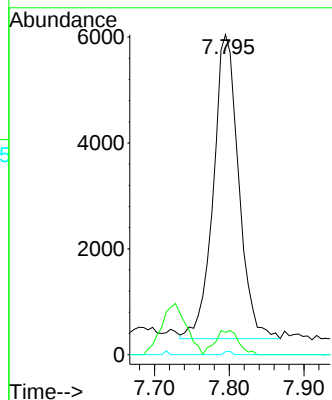
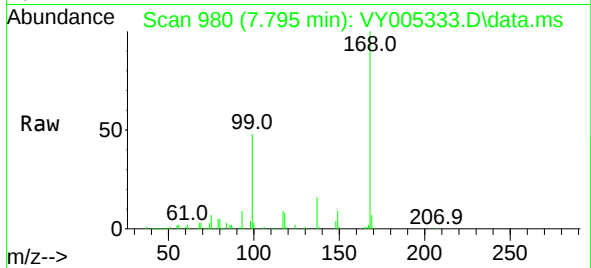




#36
1,1-Dichloropropene
Concen: 4.760 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY005333.D
Acq: 02 Jul 2021 10:59

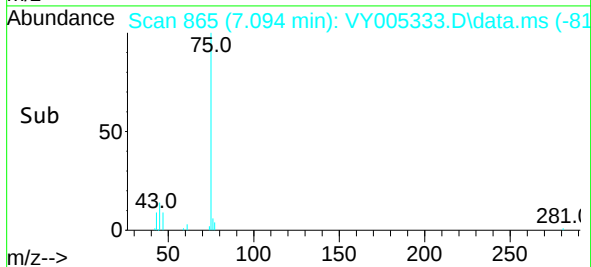
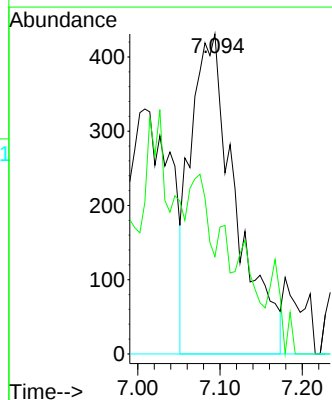
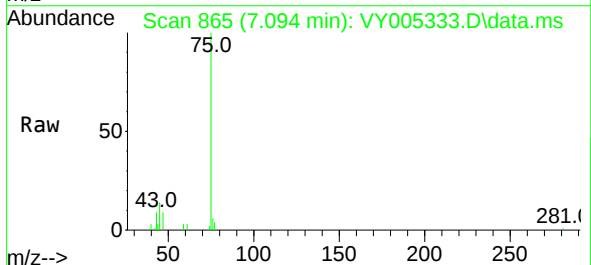
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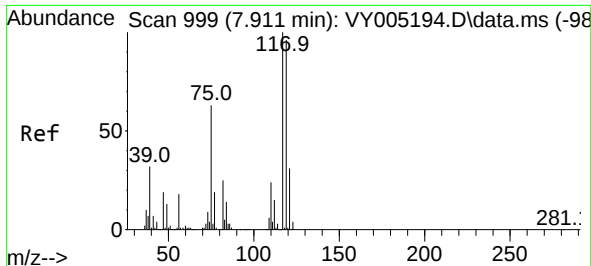
Tgt Ion: 75 Resp: 13530
Ion Ratio Lower Upper
75 100
110 7.5 19.1 57.5#
77 0.3 25.2 37.8#



#37
Ethyl Acetate
Concen: 1.111 ug/l
RT: 7.094 min Scan# 865
Delta R.T. 0.012 min
Lab File: VY005333.D
Acq: 02 Jul 2021 10:59

Tgt Ion: 43 Resp: 1629
Ion Ratio Lower Upper
43 100
61 26.8 12.8 19.2#
70 0.0 9.7 14.5#

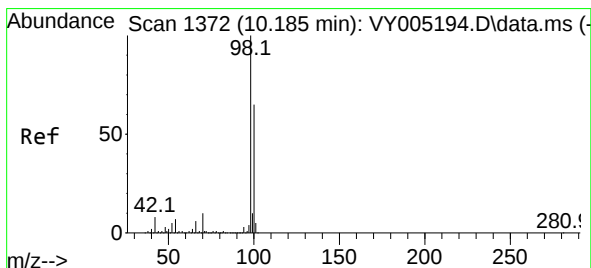
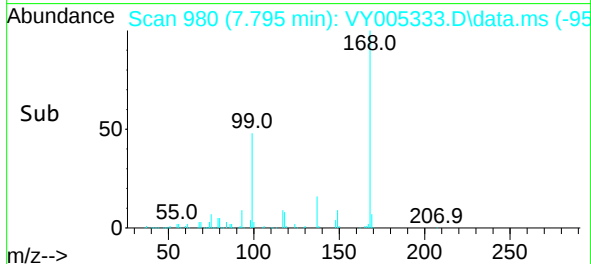
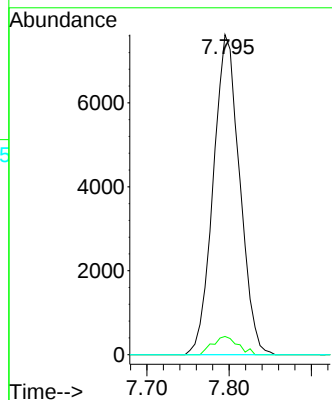
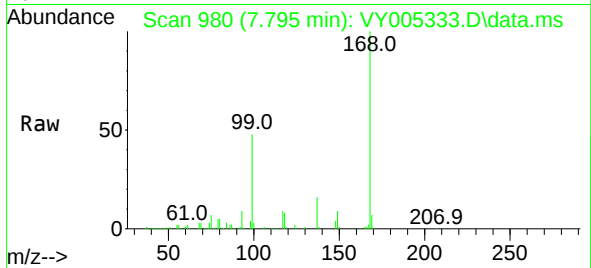




#38
Carbon Tetrachloride
Concen: 5.714 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY005333.D
Acq: 02 Jul 2021 10:59

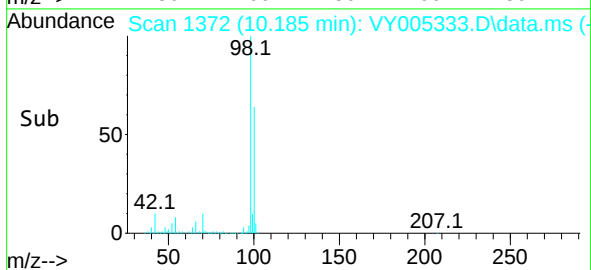
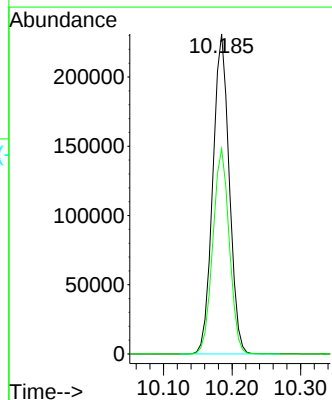
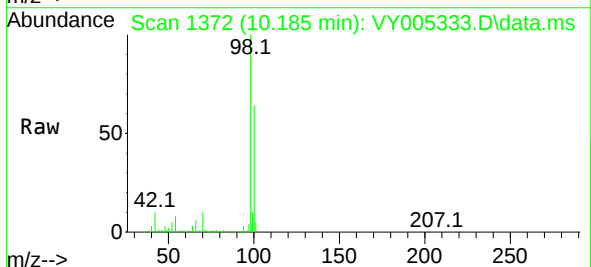
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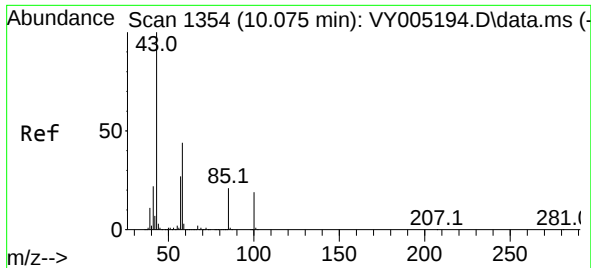
Tgt Ion:117 Resp: 17002
Ion Ratio Lower Upper
117 100
119 5.7 76.2 114.4#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 50.573 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005333.D
Acq: 02 Jul 2021 10:59

Tgt Ion: 98 Resp: 384990
Ion Ratio Lower Upper
98 100
100 64.0 51.9 77.9

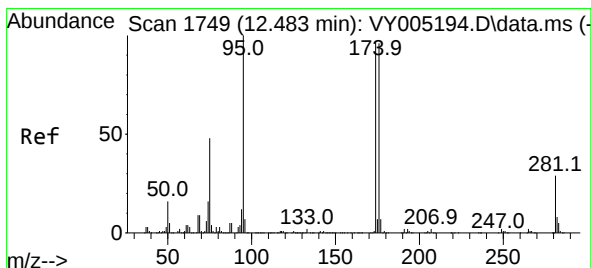
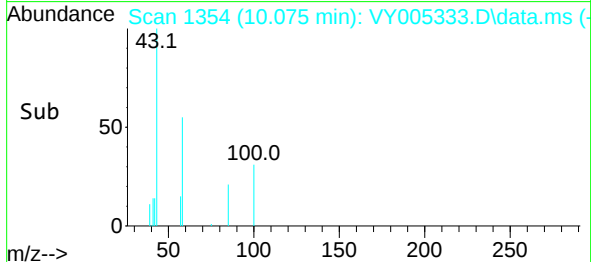
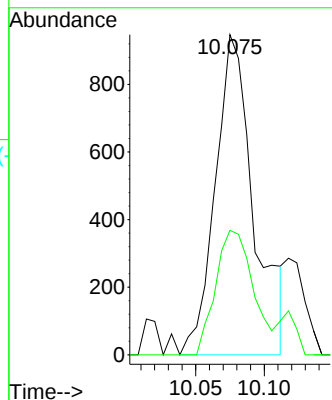
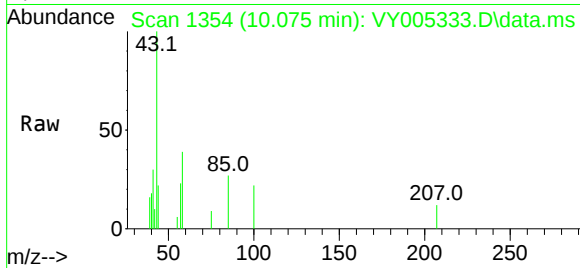




#51
4-Methyl-2-Pentanone
Concen: 1.308 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. -0.000 min
Lab File: VY005333.D
Acq: 02 Jul 2021 10:59

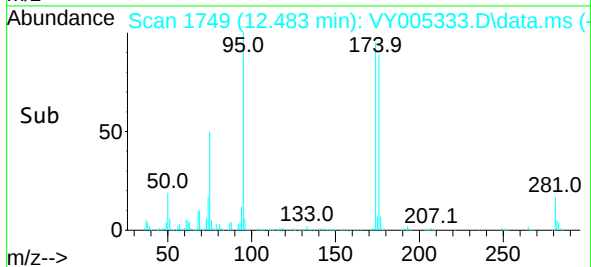
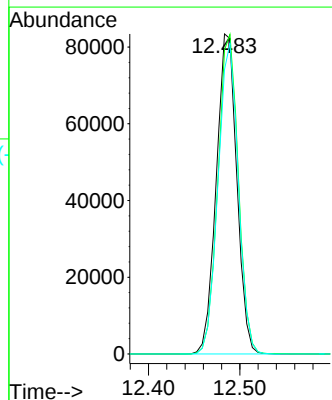
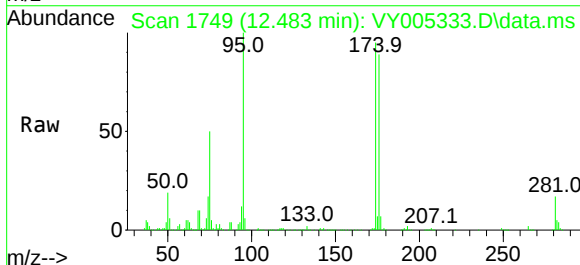
Instrument :
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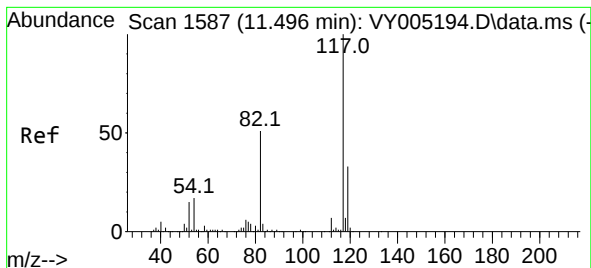
Tgt Ion: 43 Resp: 1844
Ion Ratio Lower Upper
43 100
58 38.1 35.3 52.9



#62
4-Bromofluorobenzene
Concen: 51.406 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005333.D
Acq: 02 Jul 2021 10:59

Tgt Ion: 95 Resp: 130402
Ion Ratio Lower Upper
95 100
174 99.1 0.0 201.6
176 95.6 0.0 197.4

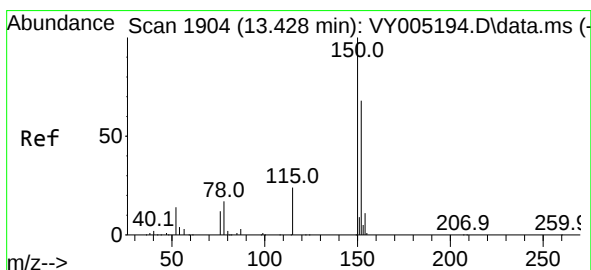
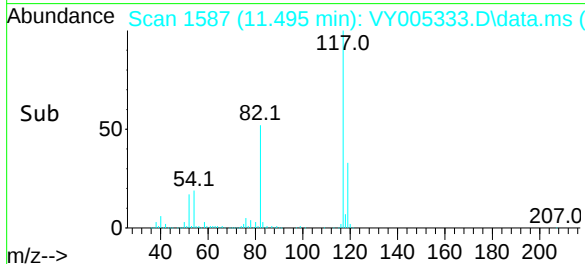
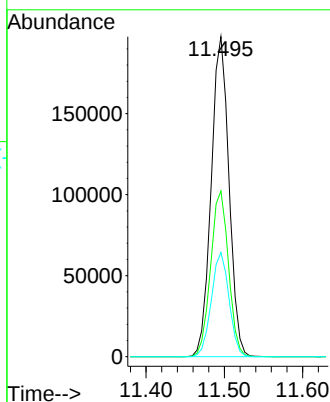
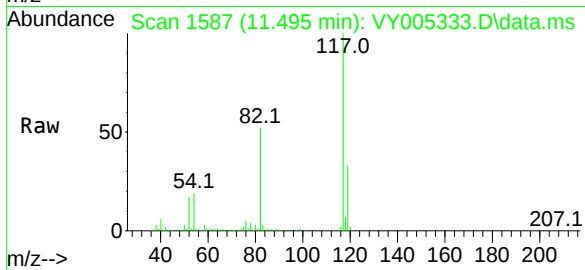




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005333.D
Acq: 02 Jul 2021 10:59

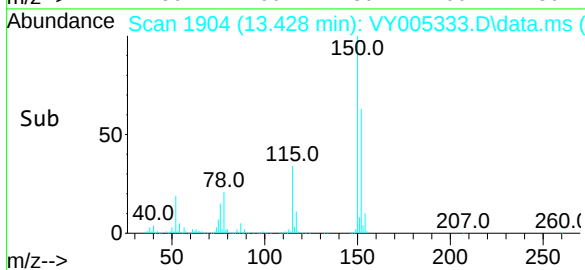
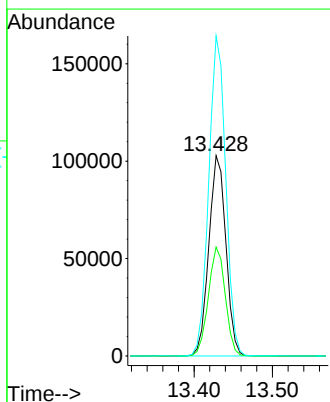
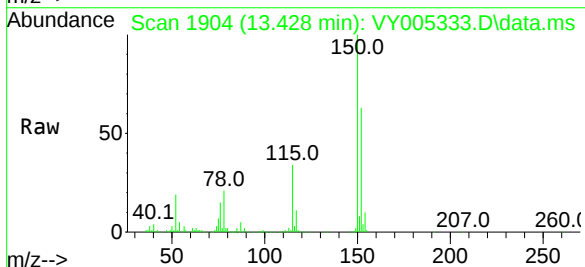
Instrument :
MSVOA_Y
ClientSampleId :
VY0702SBL01

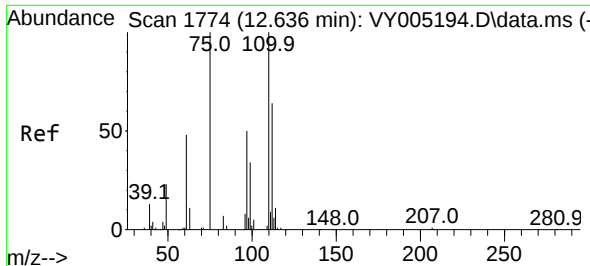
Tgt Ion:117 Resp: 311211
Ion Ratio Lower Upper
117 100
82 51.7 40.6 60.8
119 32.5 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005333.D
Acq: 02 Jul 2021 10:59

Tgt Ion:152 Resp: 155657
Ion Ratio Lower Upper
152 100
115 53.7 26.3 78.8
150 158.6 0.0 344.2

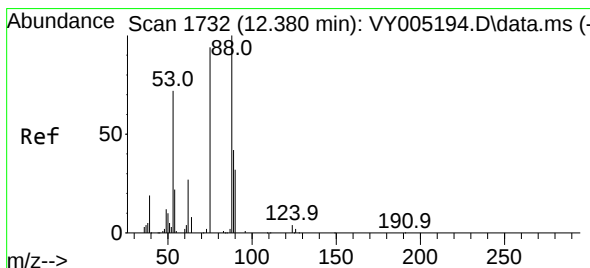
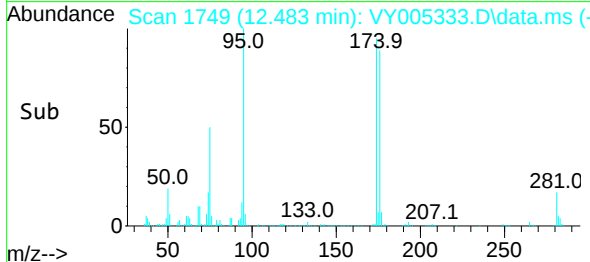
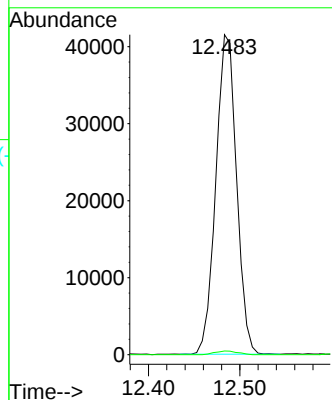
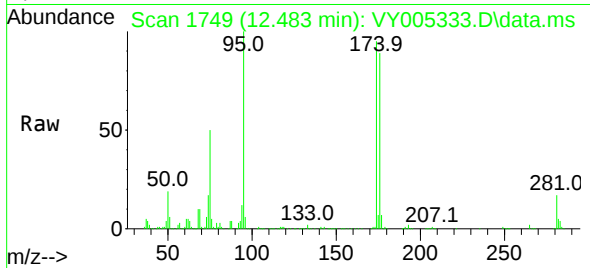




#76
1,2,3-Trichloropropane
Concen: 47.454 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY005333.D
Acq: 02 Jul 2021 10:59

Instrument :
MSVOA_Y
ClientSampleId :
VY0702SBL01

Tgt Ion: 75 Resp: 65510
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 88.538 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY005333.D
Acq: 02 Jul 2021 10:59

Tgt Ion: 75 Resp: 65510
Ion Ratio Lower Upper
75 100
53 0.0 63.0 94.4#
89 0.2 38.0 57.0#

