

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\vy062921\
 Data File : VY005268.D
 Acq On : 29 Jun 2021 11:07
 Operator : SY/MD
 Sample : VY0629SBL01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0629SBL01

Quant Time: Jun 30 03:59:00 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)

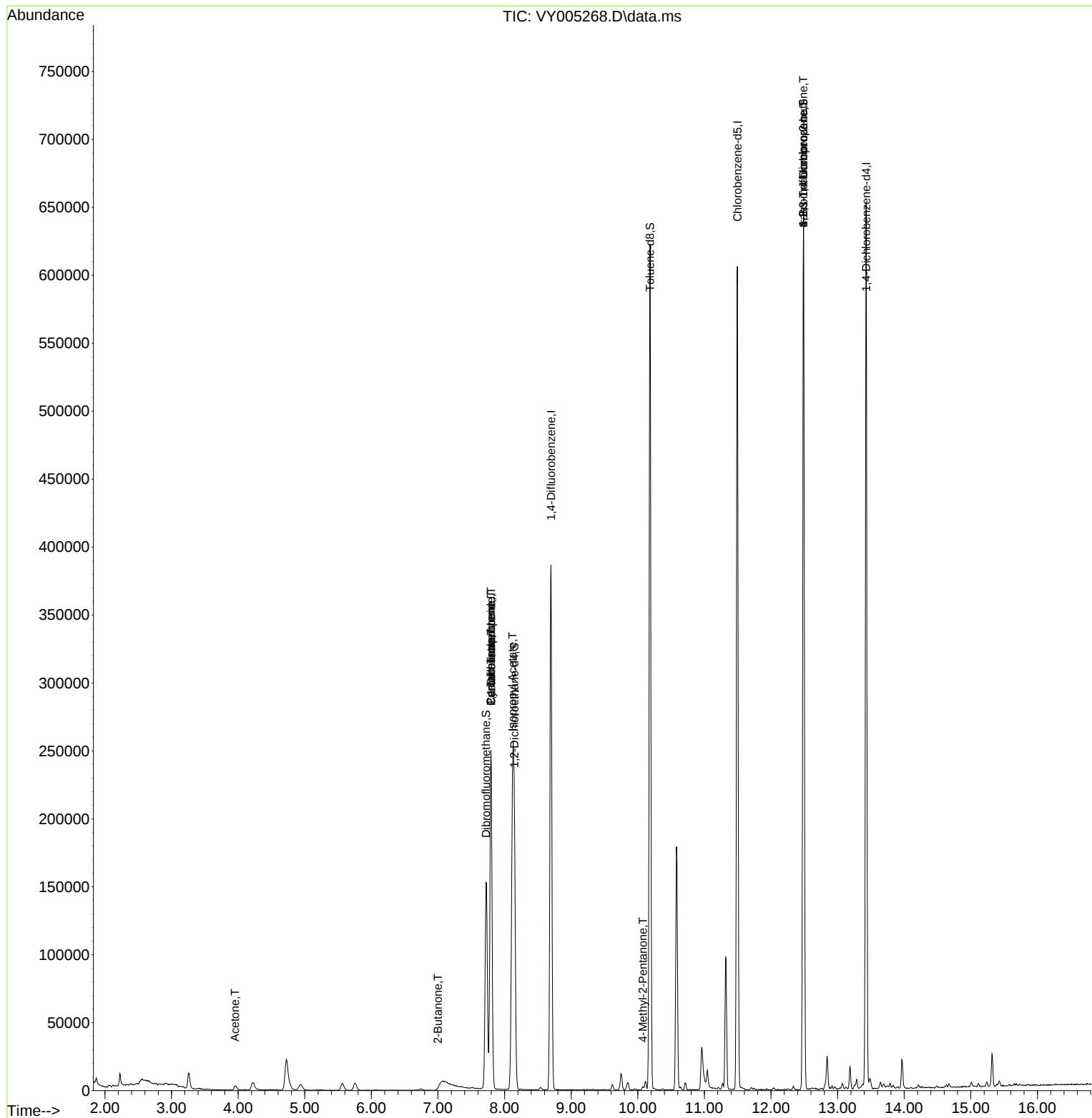
Internal Standards						
1) Pentafluorobenzene	7.795	168	218823	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	350838	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	354085	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	178303	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	110652	60.93	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 121.86%			
35) Dibromofluoromethane	7.722	113	108696	52.53	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 105.06%			
50) Toluene-d8	10.185	98	423742	51.21	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 102.42%			
62) 4-Bromofluorobenzene	12.483	95	150163	54.46	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 108.92%			
Target Compounds						
11) Tert butyl alcohol	4.954	59	5230	Below Cal	#	77
16) Acetone	3.954	43	5833	13.90	ug/l	95
20) Methylene Chloride	4.722	84	17627	Below Cal		98
25) 2-Butanone	6.996	43	654	1.07	ug/l #	43
31) Cyclohexane	7.795	56	3292	1.02	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	14670	4.75	ug/l #	47
38) Carbon Tetrachloride	7.795	117	17917	5.54	ug/l #	17
43) Isopropyl Acetate	8.118	43	4481	1.53	ug/l #	6
51) 4-Methyl-2-Pentanone	10.075	43	1634	1.07	ug/l	98
76) 1,2,3-Trichloropropane	12.483	75	73130	46.25	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	73130	86.28	ug/l #	18

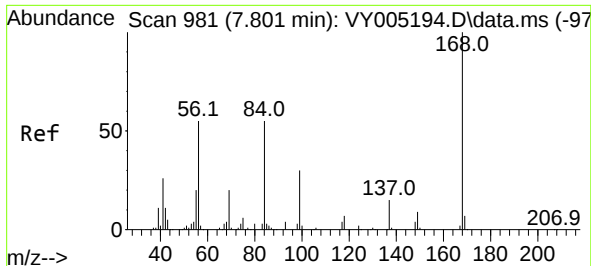
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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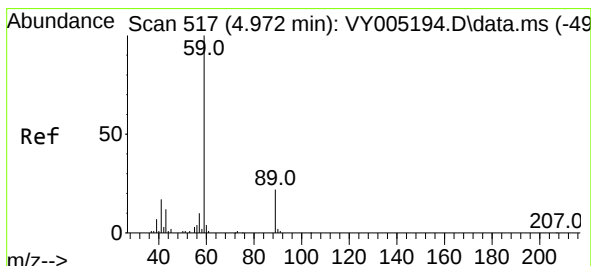
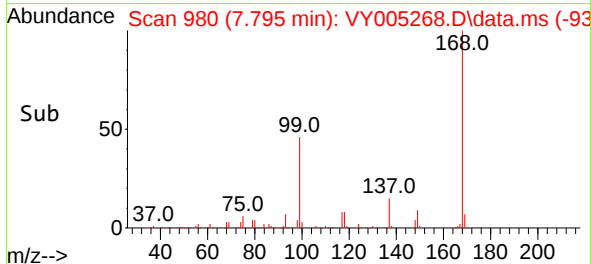
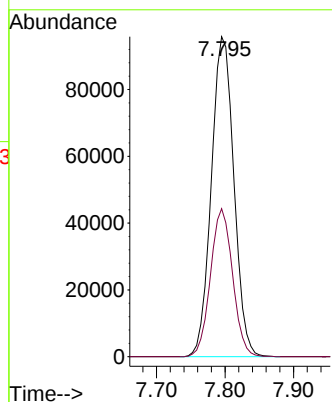
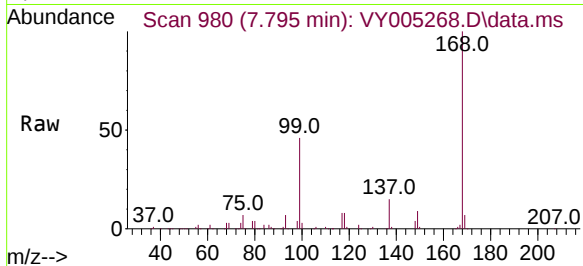




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005268.D
Acq: 29 Jun 2021 11:07

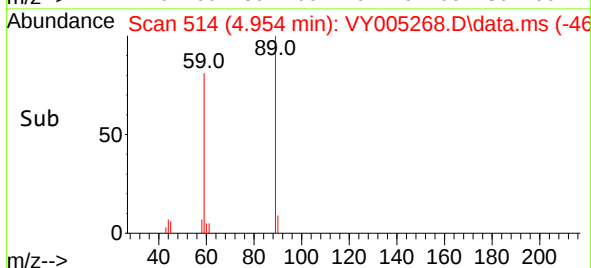
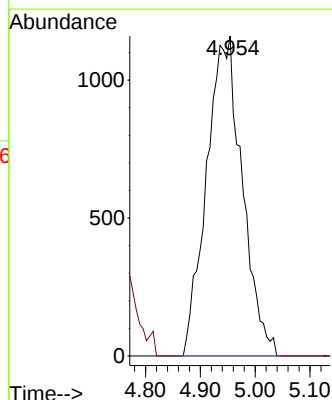
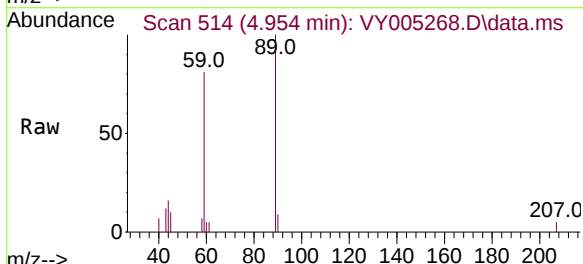
Instrument :
MSVOA_Y
ClientSampleId :
VY0629SBL01

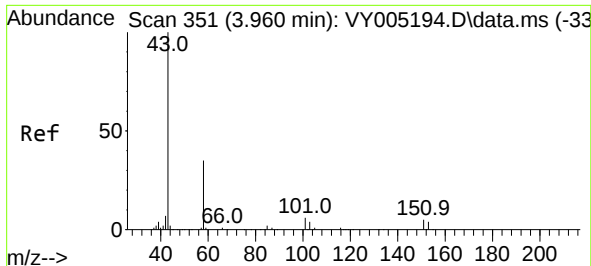
Tgt Ion:168 Resp: 218823
Ion Ratio Lower Upper
168 100
99 46.2 36.2 54.4



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.954 min Scan# 514
Delta R.T. -0.018 min
Lab File: VY005268.D
Acq: 29 Jun 2021 11:07

Tgt Ion: 59 Resp: 5230
Ion Ratio Lower Upper
59 100
57 0.0 6.5 9.7#

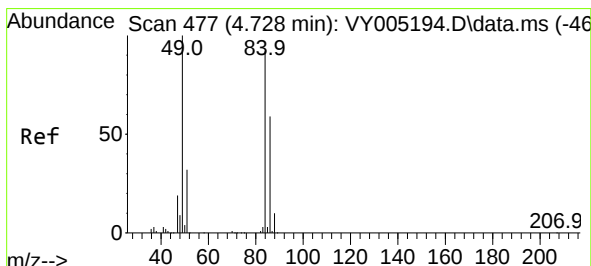
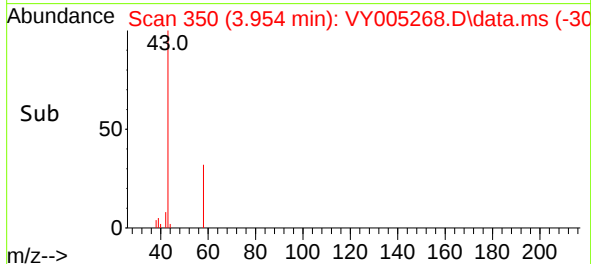
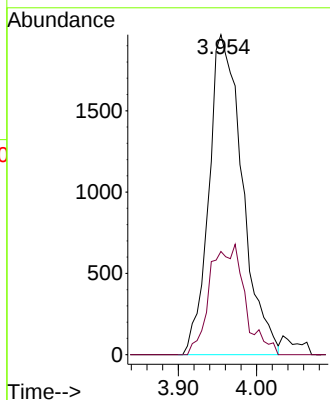
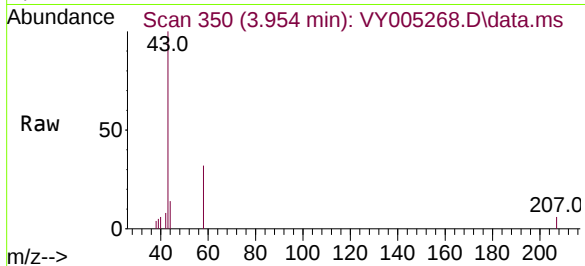




#16
Acetone
Concen: 13.90 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY005268.D
Acq: 29 Jun 2021 11:07

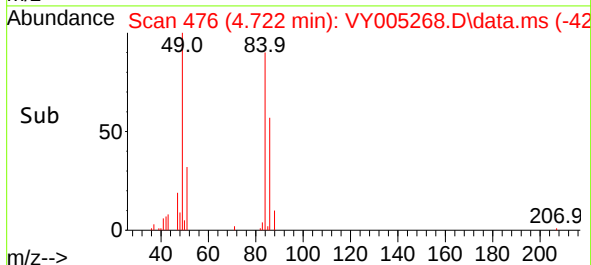
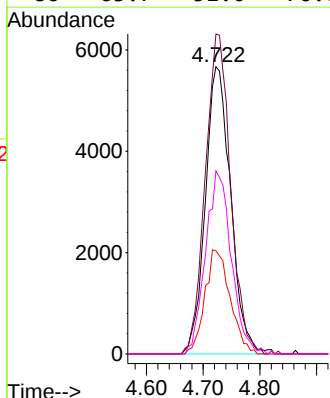
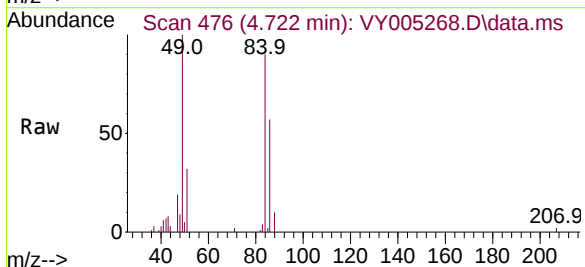
Instrument :
MSVOA_Y
ClientSampleId :
VY0629SBL01

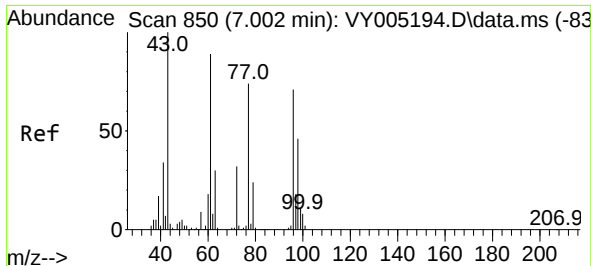
Tgt Ion: 43 Resp: 5833
Ion Ratio Lower Upper
43 100
58 32.3 28.2 42.2



#20
Methylene Chloride
Concen: Below Cal
RT: 4.722 min Scan# 476
Delta R.T. -0.006 min
Lab File: VY005268.D
Acq: 29 Jun 2021 11:07

Tgt Ion: 84 Resp: 17627
Ion Ratio Lower Upper
84 100
49 111.4 86.9 130.3
51 35.9 27.4 41.2
86 63.7 51.0 76.6

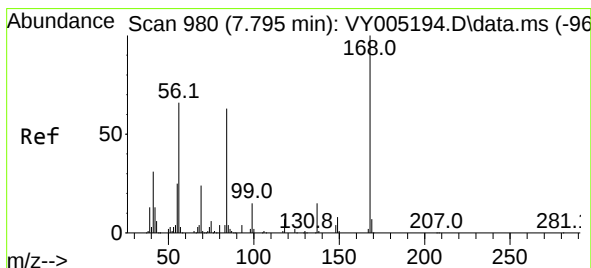
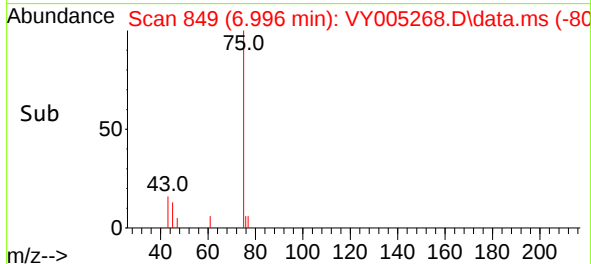
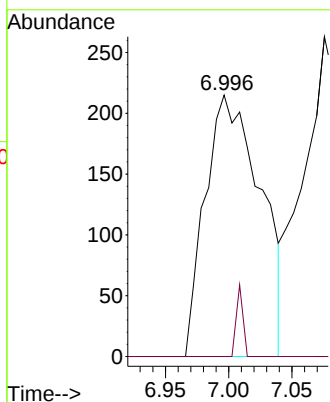
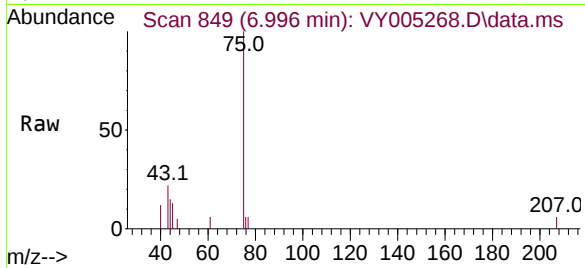




#25
2-Butanone
Concen: 1.07 ug/l
RT: 6.996 min Scan# 849
Delta R.T. -0.006 min
Lab File: VY005268.D
Acq: 29 Jun 2021 11:07

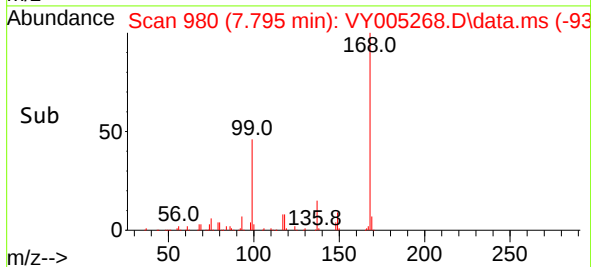
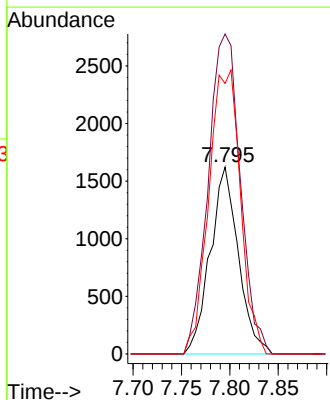
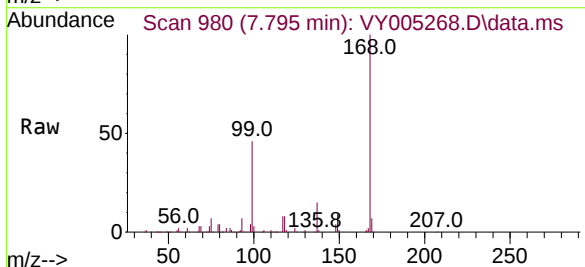
Instrument :
MSVOA_Y
ClientSampleId :
VY0629SBL01

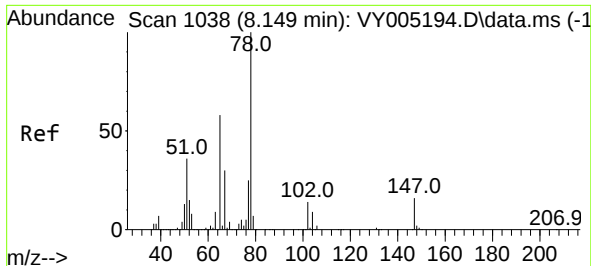
Tgt Ion: 43 Resp: 654
Ion Ratio Lower Upper
43 100
72 0.0 25.3 37.9#



#31
Cyclohexane
Concen: 1.02 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY005268.D
Acq: 29 Jun 2021 11:07

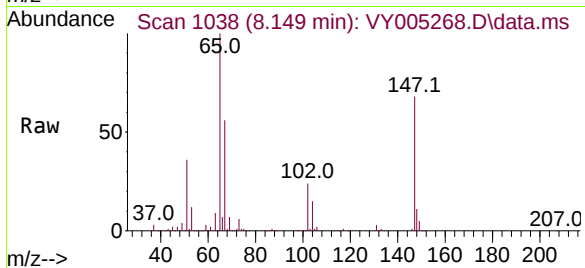
Tgt Ion: 56 Resp: 3292
Ion Ratio Lower Upper
56 100
69 171.2 29.6 44.4#
84 144.8 76.4 114.6#



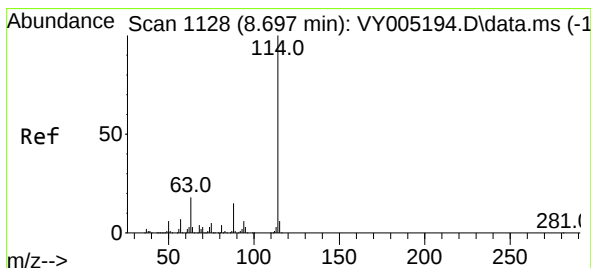
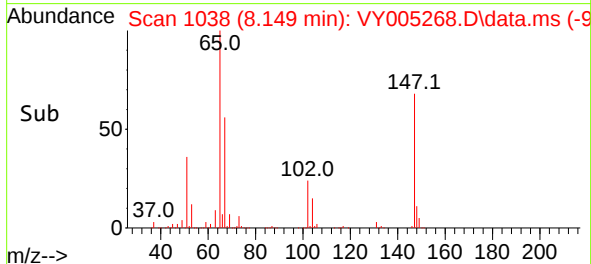
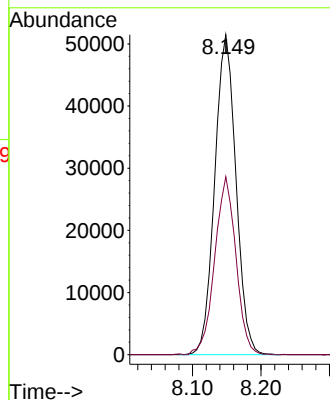


#33
1,2-Dichloroethane-d4
Concen: 60.93 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY005268.D
Acq: 29 Jun 2021 11:07

Instrument :
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ClientSampleId :
VY0629SBL01

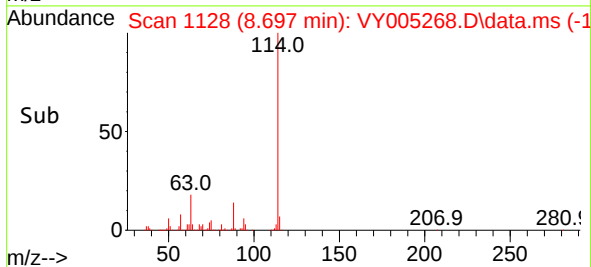
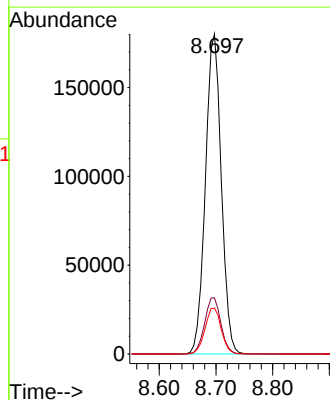
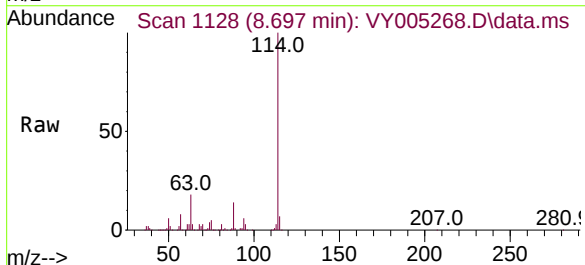


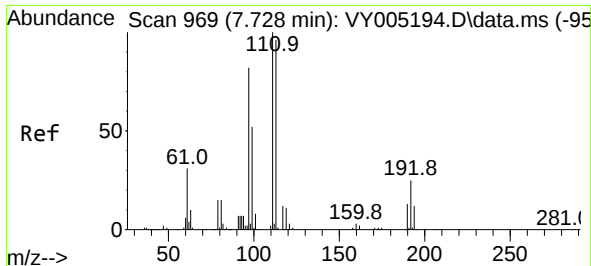
Tgt Ion: 65 Resp: 110652
Ion Ratio Lower Upper
65 100
67 55.6 0.0 110.6



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY005268.D
Acq: 29 Jun 2021 11:07

Tgt Ion: 114 Resp: 350838
Ion Ratio Lower Upper
114 100
63 17.5 0.0 35.2
88 14.3 0.0 29.4

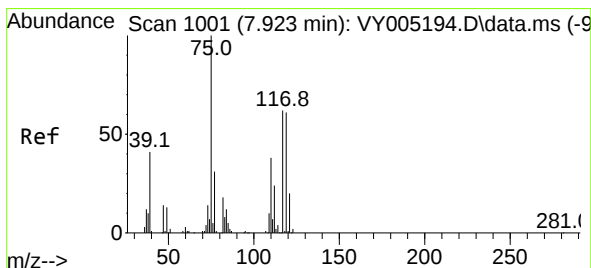
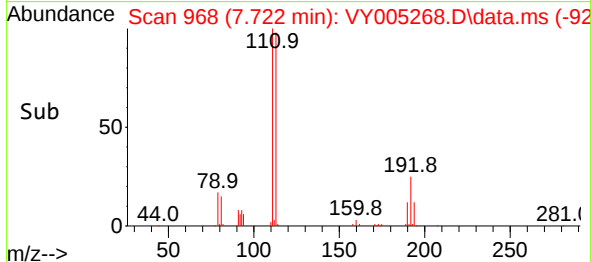
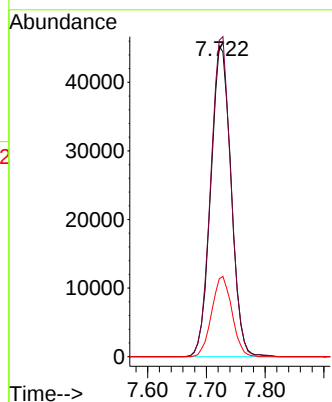
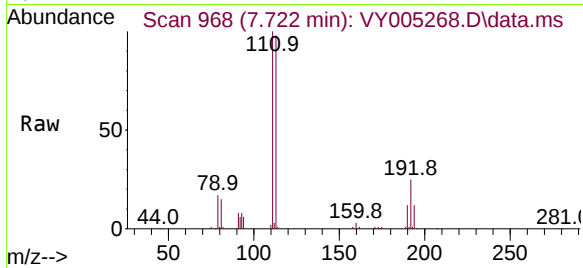




#35
Dibromofluoromethane
Concen: 52.53 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY005268.D
Acq: 29 Jun 2021 11:07

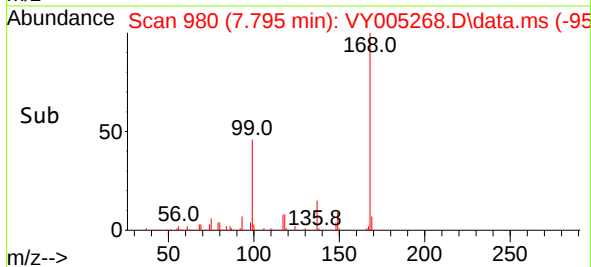
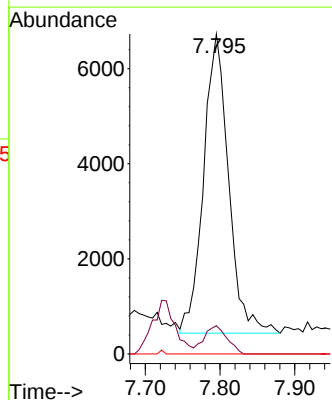
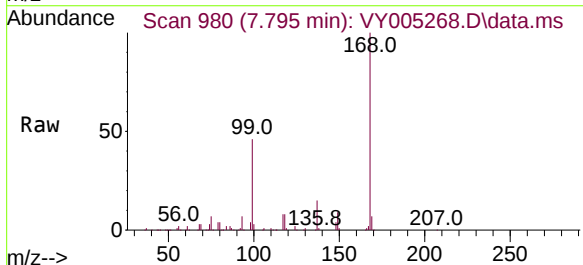
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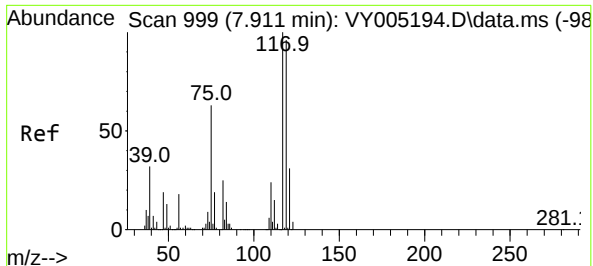
Tgt Ion:113 Resp: 108696
Ion Ratio Lower Upper
113 100
111 102.3 82.6 124.0
192 25.8 20.2 30.2



#36
1,1-Dichloropropene
Concen: 4.75 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY005268.D
Acq: 29 Jun 2021 11:07

Tgt Ion: 75 Resp: 14670
Ion Ratio Lower Upper
75 100
110 8.6 19.1 57.5#
77 0.0 25.2 37.8#

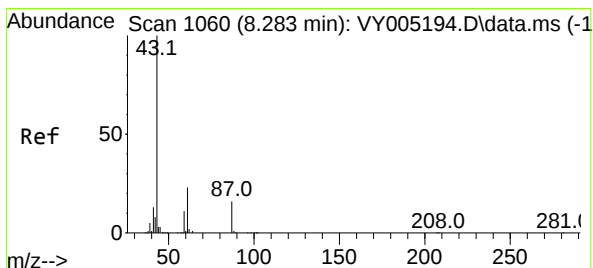
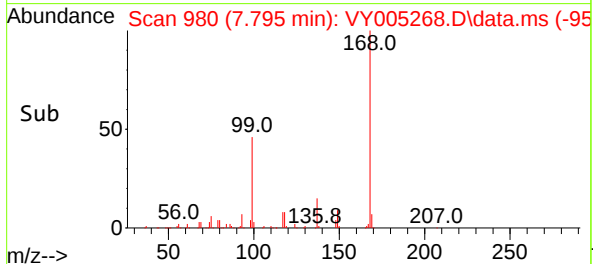
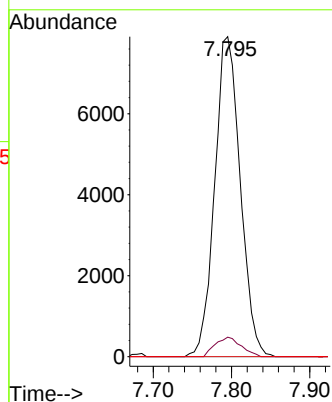
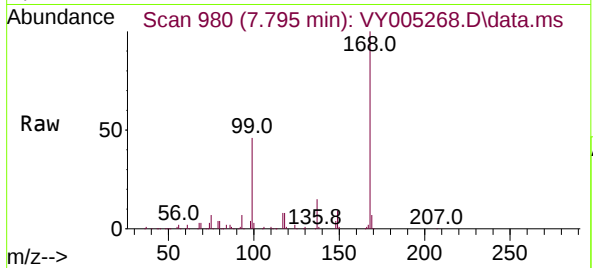




#38
Carbon Tetrachloride
Concen: 5.54 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY005268.D
Acq: 29 Jun 2021 11:07

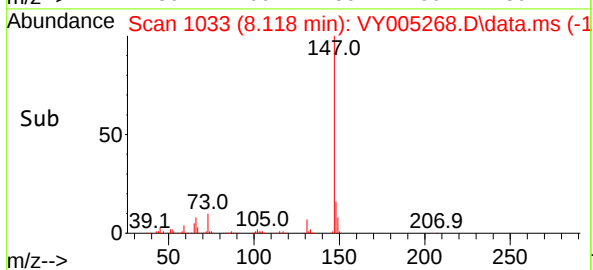
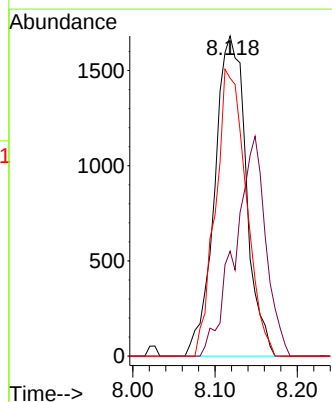
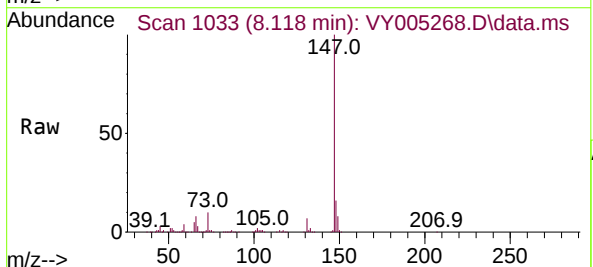
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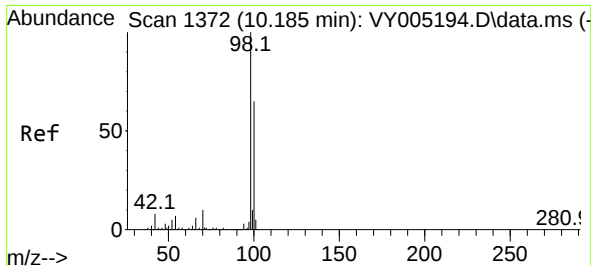
Tgt Ion:117 Resp: 17917
Ion Ratio Lower Upper
117 100
119 6.1 76.2 114.4#
121 0.0 24.7 37.1#



#43
Isopropyl Acetate
Concen: 1.53 ug/l
RT: 8.118 min Scan# 1033
Delta R.T. -0.165 min
Lab File: VY005268.D
Acq: 29 Jun 2021 11:07

Tgt Ion: 43 Resp: 4481
Ion Ratio Lower Upper
43 100
61 0.0 25.5 38.3#
87 87.3 12.9 19.3#

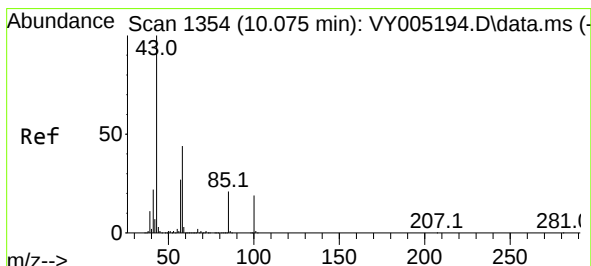
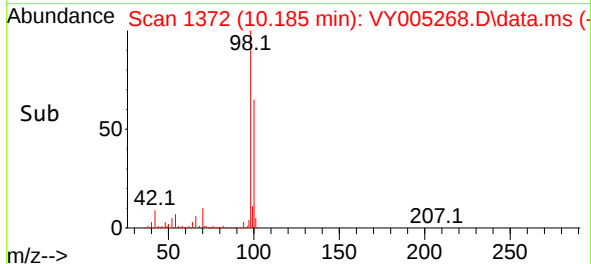
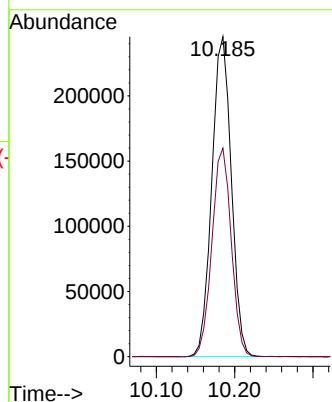
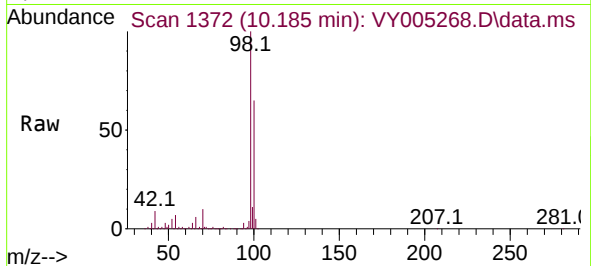




#50
Toluene-d8
Concen: 51.21 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY005268.D
Acq: 29 Jun 2021 11:07

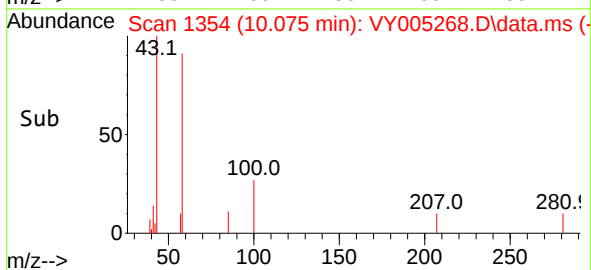
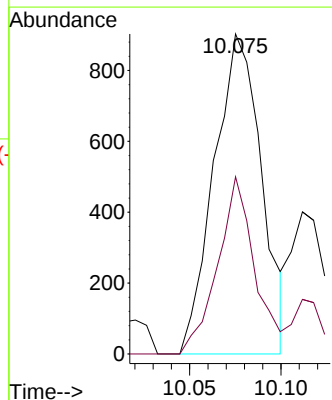
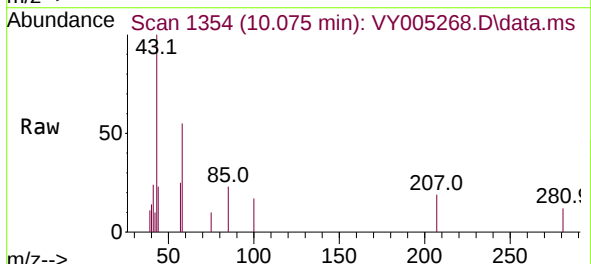
Instrument :
MSVOA_Y
ClientSampleId :
VY0629SBL01

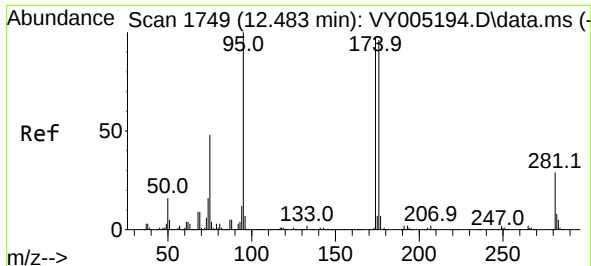
Tgt Ion: 98 Resp: 423742
Ion Ratio Lower Upper
98 100
100 64.6 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 1.07 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. 0.000 min
Lab File: VY005268.D
Acq: 29 Jun 2021 11:07

Tgt Ion: 43 Resp: 1634
Ion Ratio Lower Upper
43 100
58 42.8 35.3 52.9

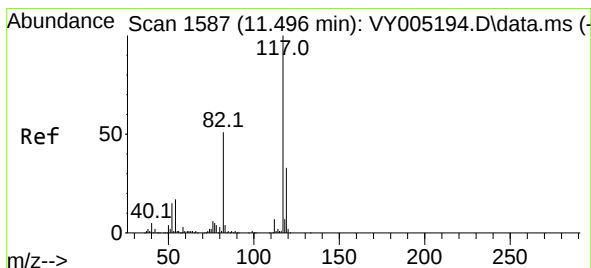
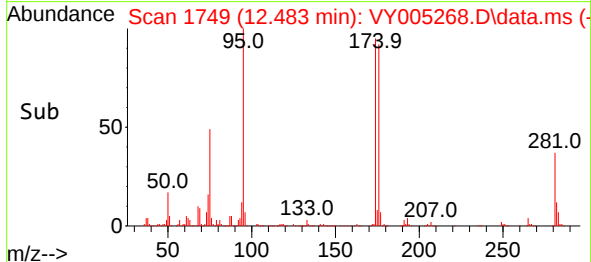
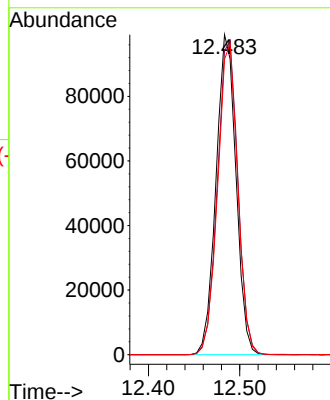
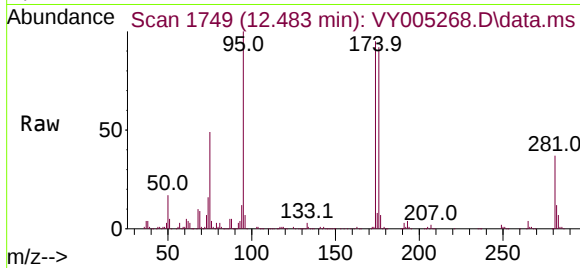




#62
4-Bromofluorobenzene
Concen: 54.46 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005268.D
Acq: 29 Jun 2021 11:07

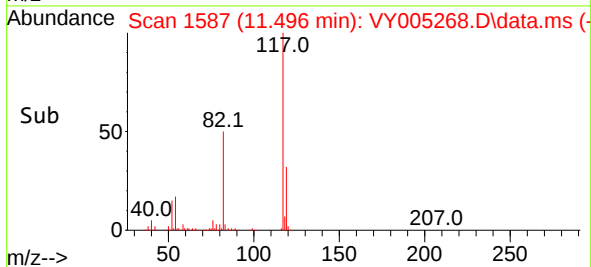
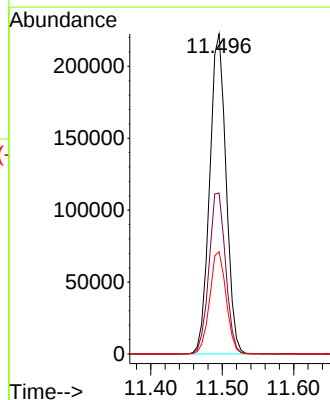
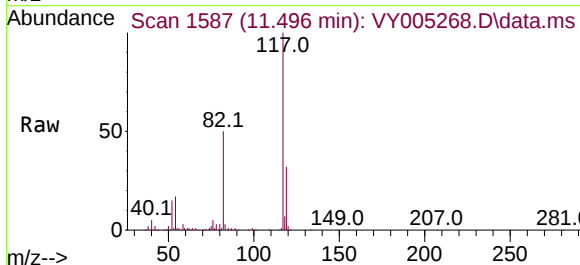
Instrument :
MSVOA_Y
ClientSampleId :
VY0629SBL01

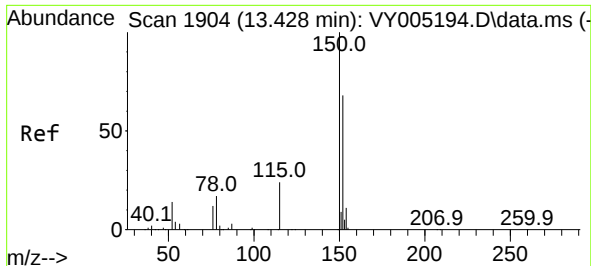
Tgt Ion: 95 Resp: 150163
Ion Ratio Lower Upper
95 100
174 100.7 0.0 201.6
176 97.8 0.0 197.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY005268.D
Acq: 29 Jun 2021 11:07

Tgt Ion: 117 Resp: 354085
Ion Ratio Lower Upper
117 100
82 50.3 40.6 60.8
119 32.0 26.1 39.1

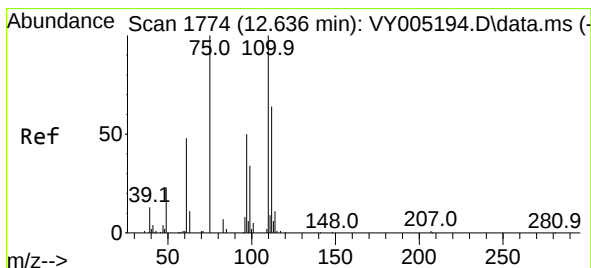
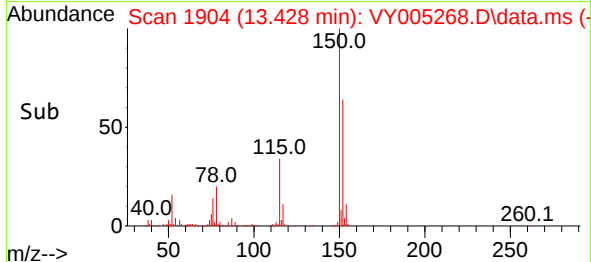
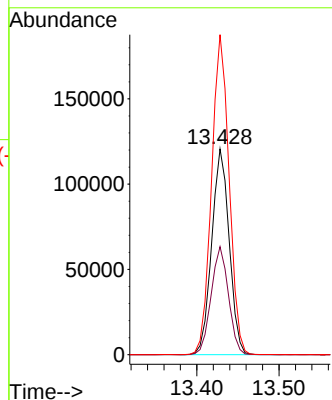
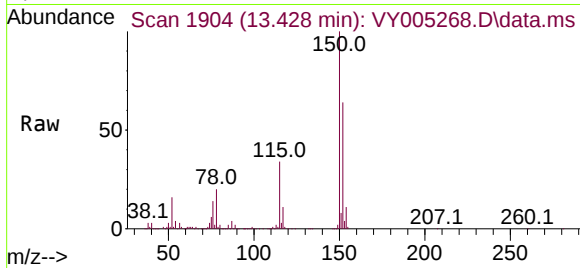




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY005268.D
 Acq: 29 Jun 2021 11:07

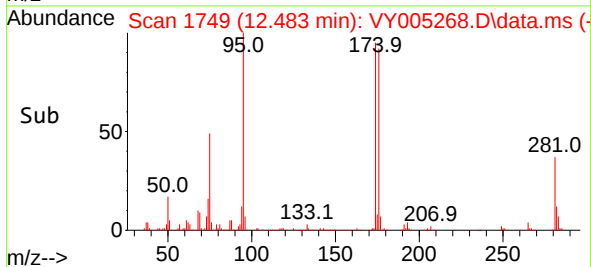
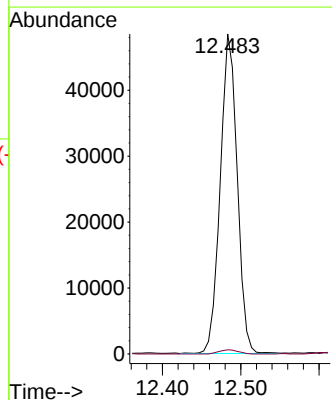
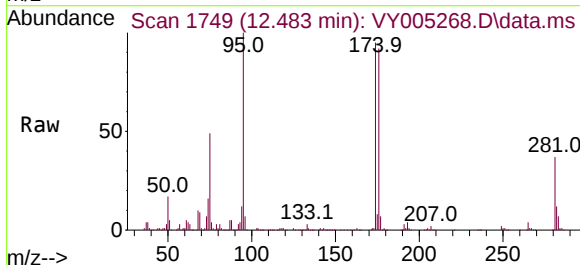
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0629SBL01

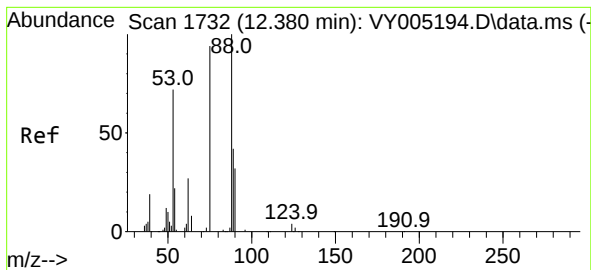
Tgt Ion:152 Resp: 178303
 Ion Ratio Lower Upper
 152 100
 115 52.0 26.3 78.8
 150 155.9 0.0 344.2



#76
 1,2,3-Trichloropropane
 Concen: 46.25 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY005268.D
 Acq: 29 Jun 2021 11:07

Tgt Ion: 75 Resp: 73130
 Ion Ratio Lower Upper
 75 100
 77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 86.28 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY005268.D
 Acq: 29 Jun 2021 11:07

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0629SBL01

Tgt Ion: 75 Resp: 73130
 Ion Ratio Lower Upper
 75 100
 53 0.0 63.0 94.4#
 89 0.5 38.0 57.0#

