

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081921\
 Data File : VY005779.D
 Acq On : 19 Aug 2021 19:03
 Operator : SY/MD
 Sample : M3414-11RE
 Misc : 5.08G/5ML/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 20 06:58:58 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)

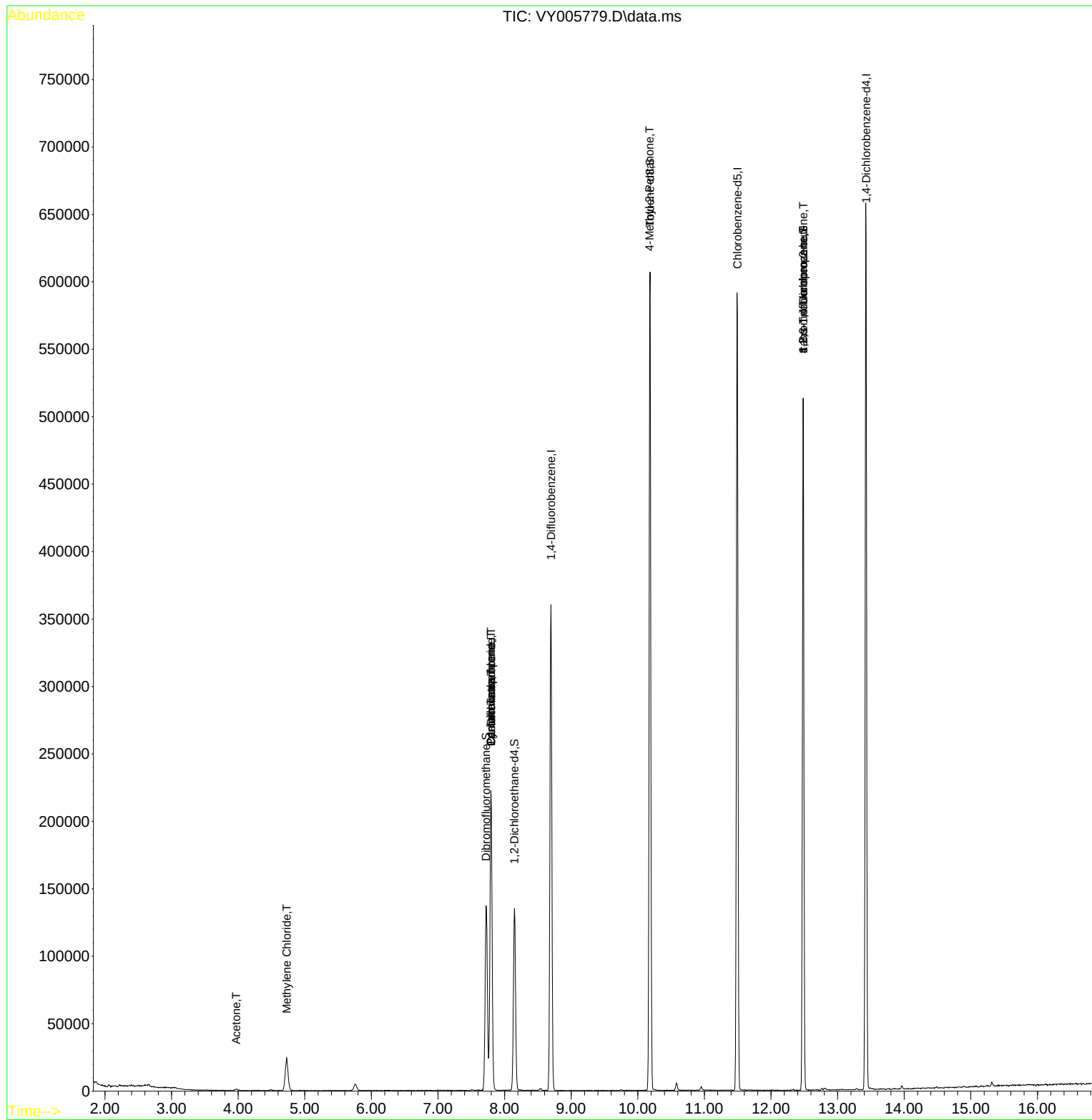
Internal Standards						
1) Pentafluorobenzene	7.795	168	178572	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	306832	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	321201	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	168636	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	110978	61.395	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 122.800%			
35) Dibromofluoromethane	7.722	113	93242	54.277	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 108.560%			
50) Toluene-d8	10.185	98	395961	54.959	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 109.920%			
62) 4-Bromofluorobenzene	12.483	95	142221	59.611	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 119.220%			
Target Compounds					Qvalue	
16) Acetone	3.972	43	2153	4.724	ug/l #	78
20) Methylene Chloride	4.728	84	16997	3.806	ug/l	98
31) Cyclohexane	7.795	56	3406	1.099	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	12675	4.404	ug/l #	48
38) Carbon Tetrachloride	7.795	117	16086	5.143	ug/l #	17
51) 4-Methyl-2-Pentanone	10.179	43	1739	1.000	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	76926	44.019	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	76926	88.737	ug/l #	11

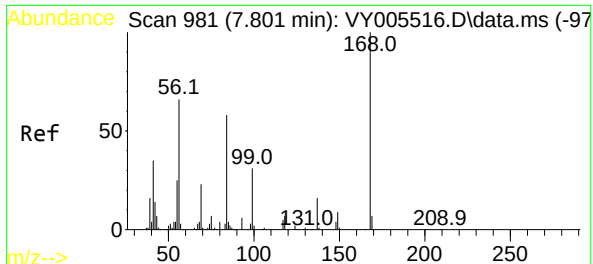
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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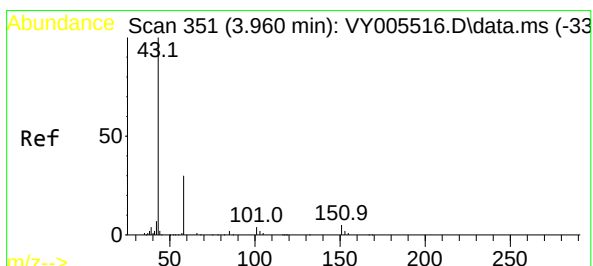
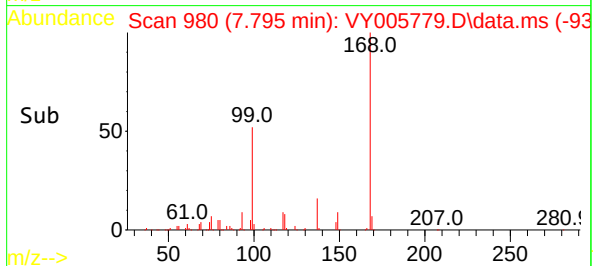
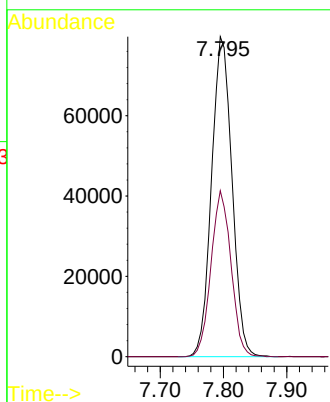
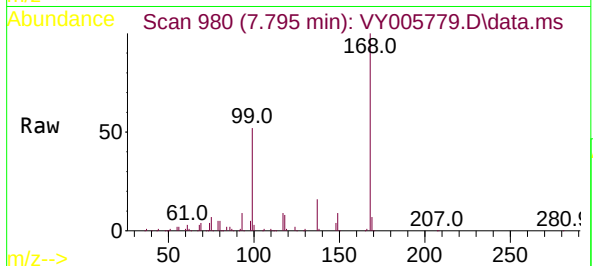




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005779.D
Acq: 19 Aug 2021 19:03

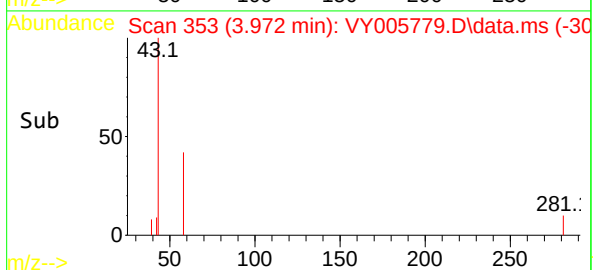
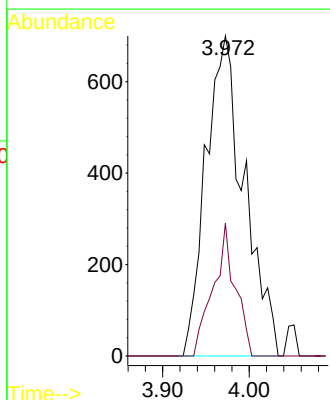
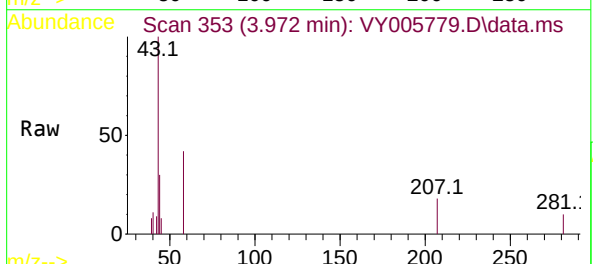
Instrument :
MSVOA_Y
ClientSampleId :

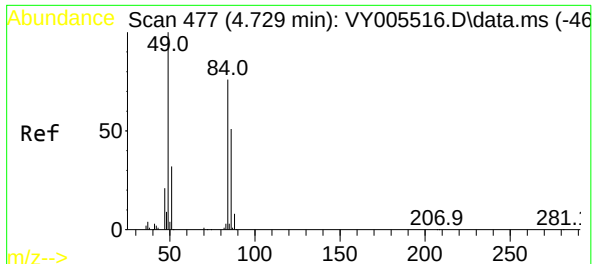
Tgt Ion:168 Resp: 178572
Ion Ratio Lower Upper
168 100
99 51.8 38.9 58.3



#16
Acetone
Concen: 4.724 ug/l
RT: 3.972 min Scan# 353
Delta R.T. 0.012 min
Lab File: VY005779.D
Acq: 19 Aug 2021 19:03

Tgt Ion: 43 Resp: 2153
Ion Ratio Lower Upper
43 100
58 41.6 23.8 35.6#



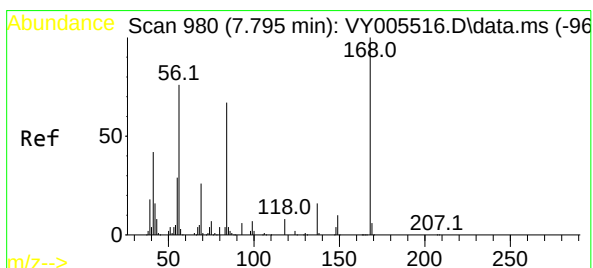
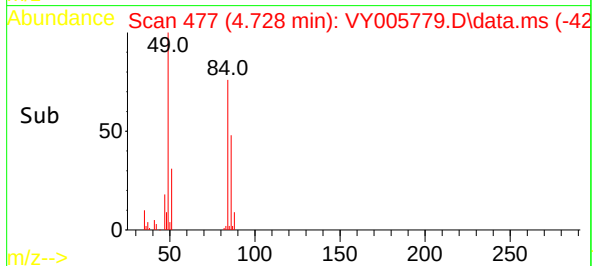
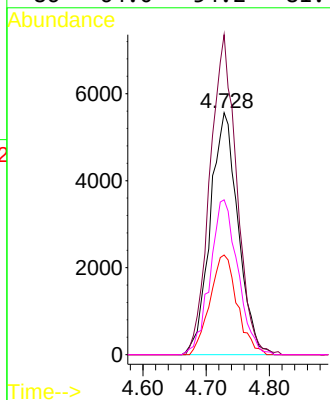
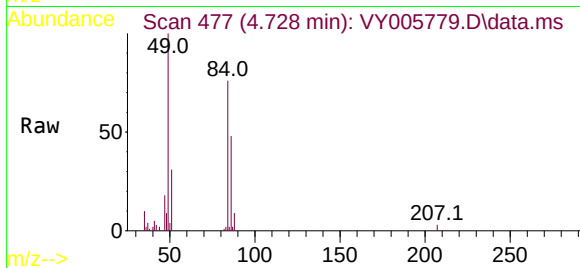


#20
Methylene Chloride
Concen: 3.806 ug/l
RT: 4.728 min Scan# 477
Delta R.T. -0.001 min
Lab File: VY005779.D
Acq: 19 Aug 2021 19:03

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 84 Resp: 16997

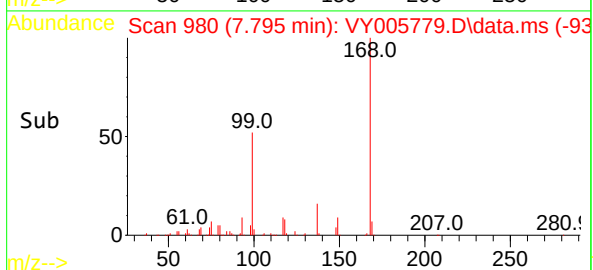
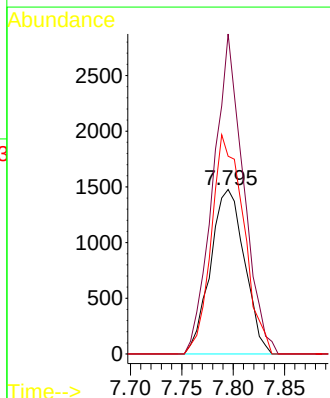
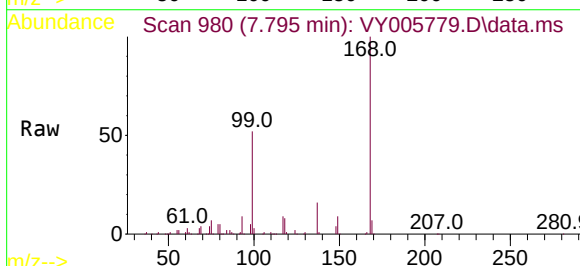
Ion	Ratio	Lower	Upper
84	100		
49	132.3	105.8	158.6
51	41.2	33.4	50.2
86	64.0	54.2	81.4

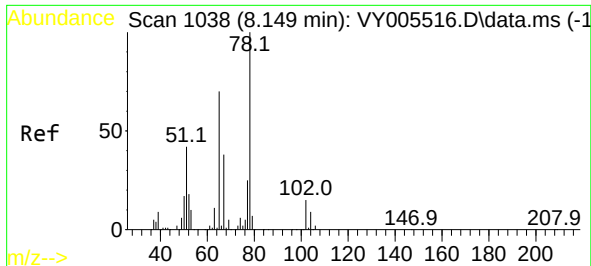


#31
Cyclohexane
Concen: 1.099 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY005779.D
Acq: 19 Aug 2021 19:03

Tgt Ion: 56 Resp: 3406

Ion	Ratio	Lower	Upper
56	100		
69	194.5	27.7	41.5#
84	120.2	70.9	106.3#

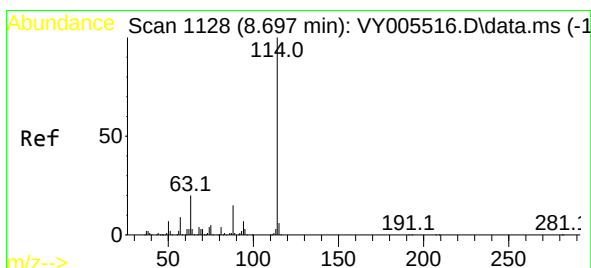
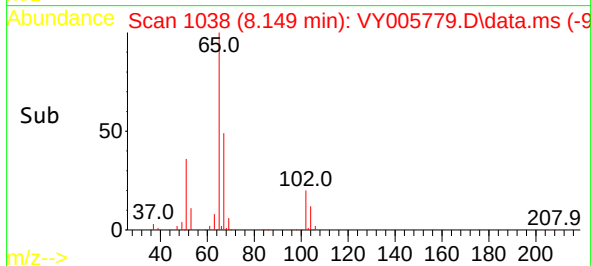
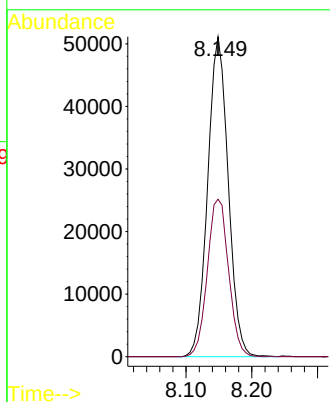
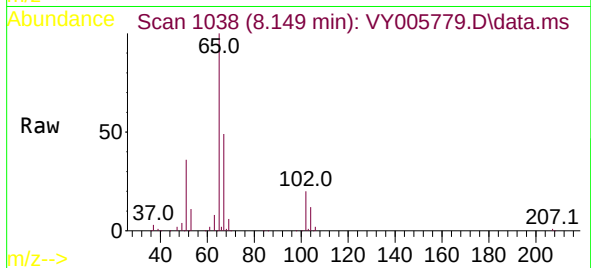




#33
 1,2-Dichloroethane-d4
 Concen: 61.395 ug/l
 RT: 8.149 min Scan# 1038
 Delta R.T. -0.000 min
 Lab File: VY005779.D
 Acq: 19 Aug 2021 19:03

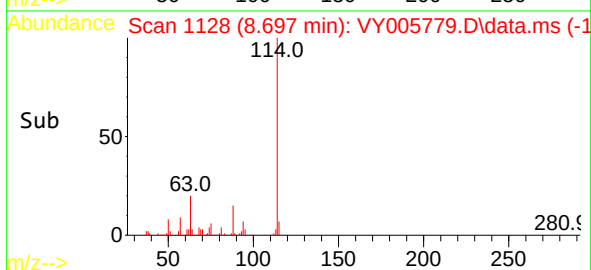
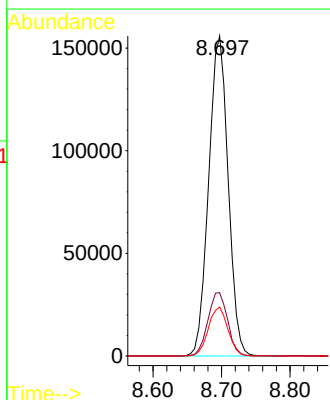
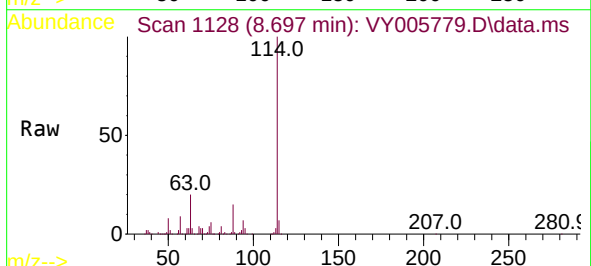
Instrument :
 MSVOA_Y
 ClientSampleId :

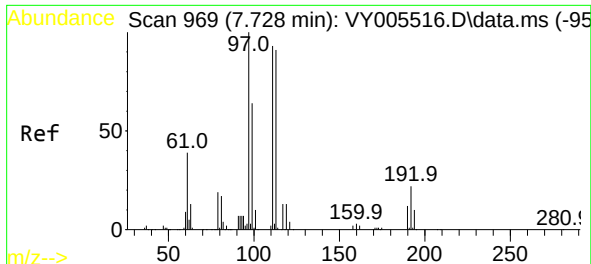
Tgt Ion: 65 Resp: 110978
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 103.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. -0.000 min
 Lab File: VY005779.D
 Acq: 19 Aug 2021 19:03

Tgt Ion: 114 Resp: 306832
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 39.2
 88 15.3 0.0 30.8

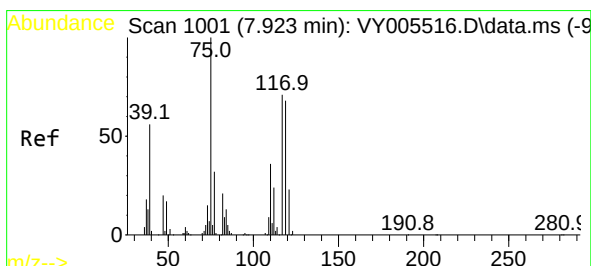
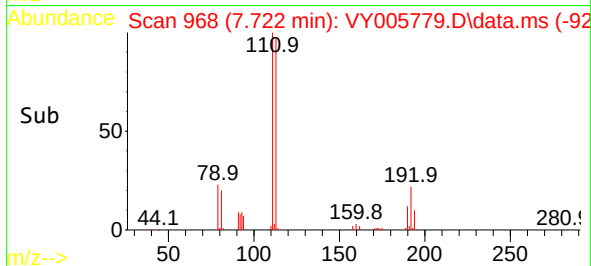
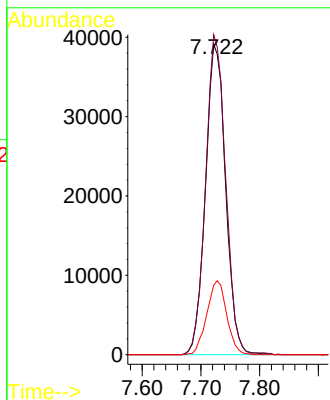
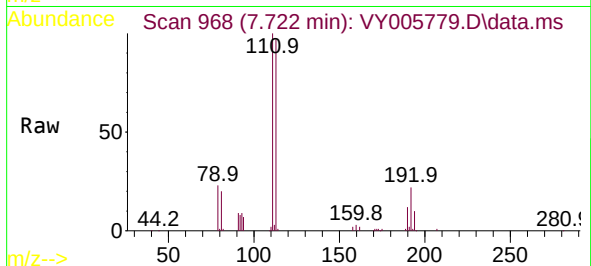




#35
Dibromofluoromethane
Concen: 54.277 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY005779.D
Acq: 19 Aug 2021 19:03

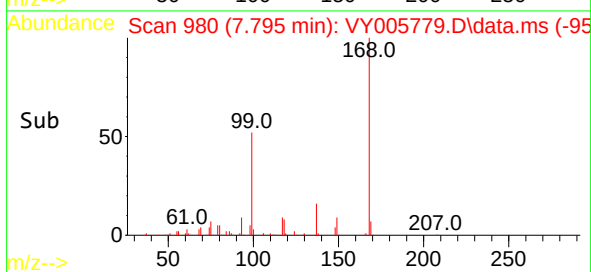
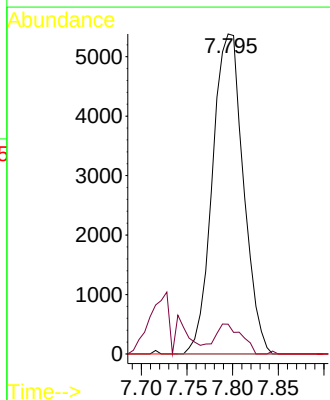
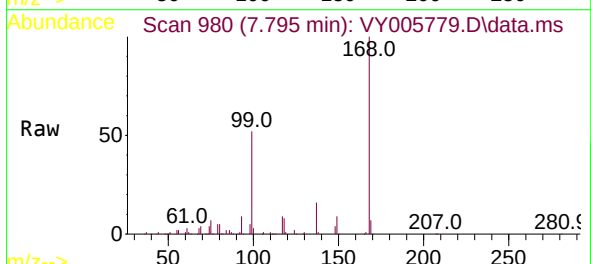
Instrument :
MSVOA_Y
ClientSampleId :

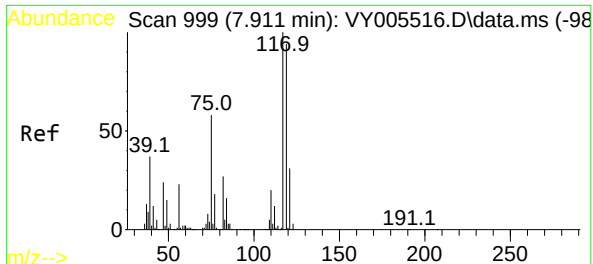
Tgt Ion:113 Resp: 93242
Ion Ratio Lower Upper
113 100
111 102.4 81.9 122.9
192 23.5 19.2 28.8



#36
1,1-Dichloropropene
Concen: 4.404 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY005779.D
Acq: 19 Aug 2021 19:03

Tgt Ion: 75 Resp: 12675
Ion Ratio Lower Upper
75 100
110 8.3 18.1 54.1#
77 0.0 25.1 37.7#

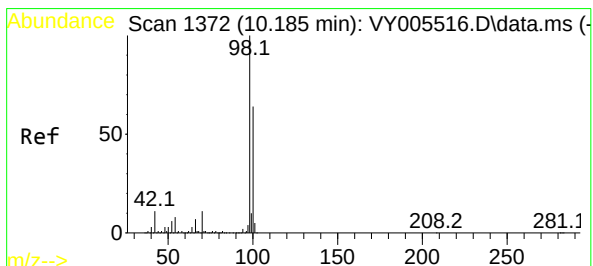
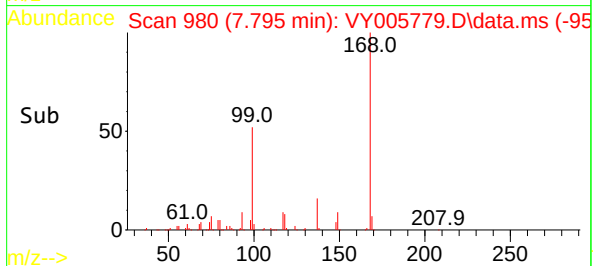
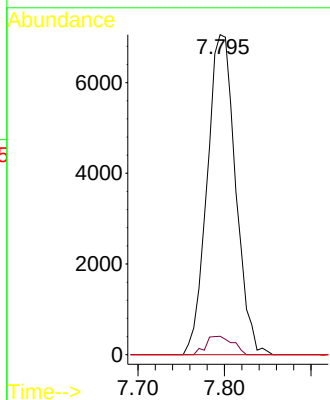
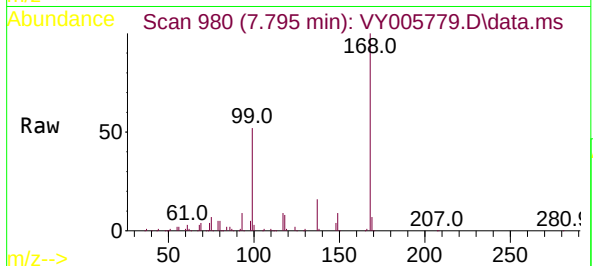




#38
Carbon Tetrachloride
Concen: 5.143 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY005779.D
Acq: 19 Aug 2021 19:03

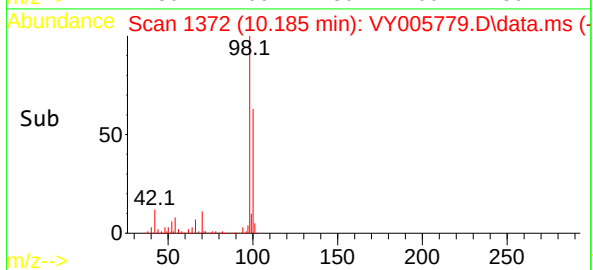
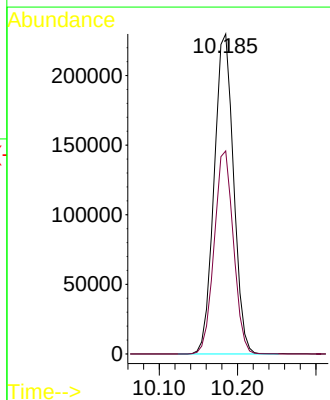
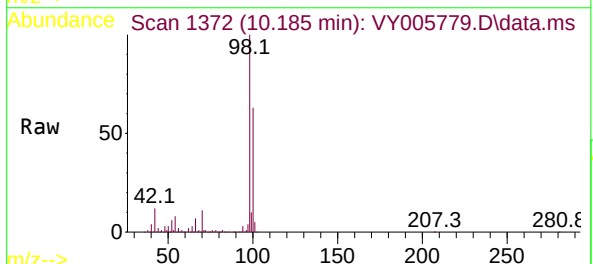
Instrument :
MSVOA_Y
ClientSampleId :

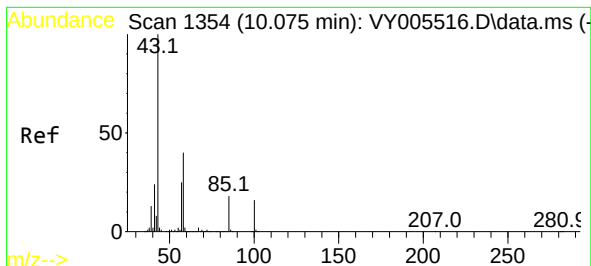
Tgt Ion:117 Resp: 16086
Ion Ratio Lower Upper
117 100
119 5.7 75.4 113.0#
121 0.0 25.1 37.7#



#50
Toluene-d8
Concen: 54.959 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005779.D
Acq: 19 Aug 2021 19:03

Tgt Ion: 98 Resp: 395961
Ion Ratio Lower Upper
98 100
100 62.9 51.3 76.9

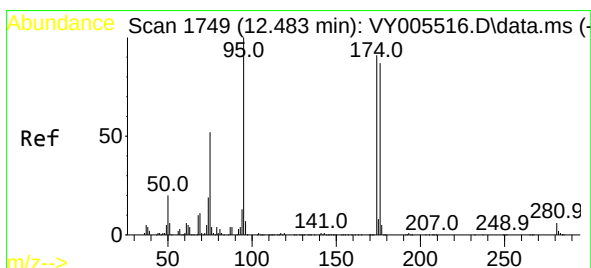
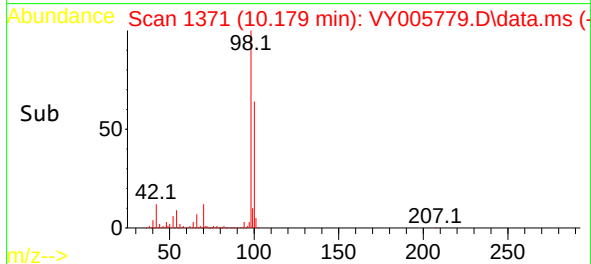
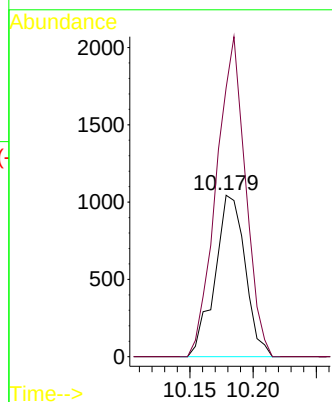
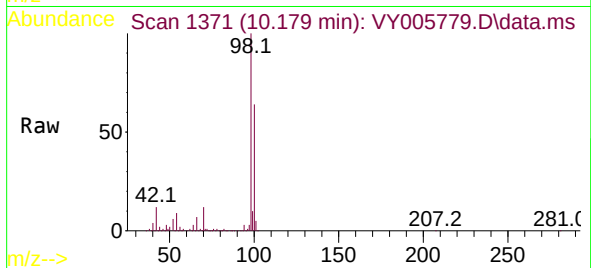




#51
4-Methyl-2-Pentanone
Concen: 1.000 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.103 min
Lab File: VY005779.D
Acq: 19 Aug 2021 19:03

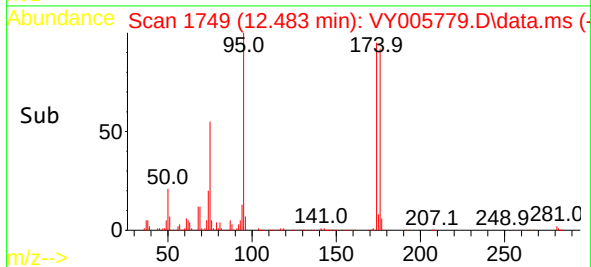
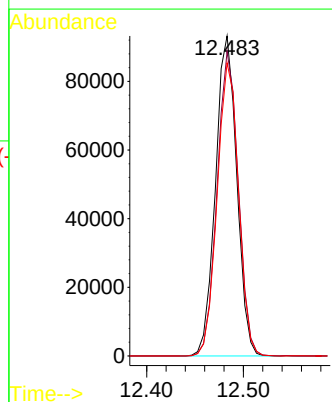
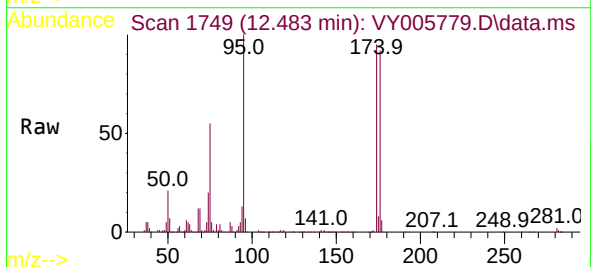
Instrument :
MSVOA_Y
ClientSampled :

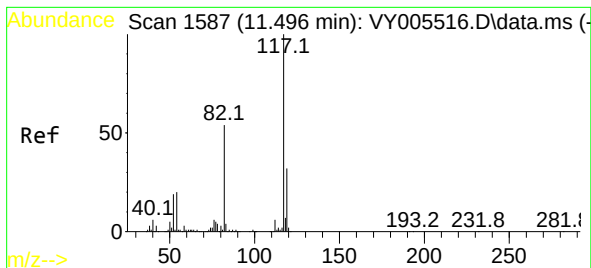
Tgt Ion: 43 Resp: 1739
Ion Ratio Lower Upper
43 100
58 191.1 31.4 47.2#



#62
4-Bromofluorobenzene
Concen: 59.611 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005779.D
Acq: 19 Aug 2021 19:03

Tgt Ion: 95 Resp: 142221
Ion Ratio Lower Upper
95 100
174 94.8 0.0 191.4
176 91.7 0.0 183.6

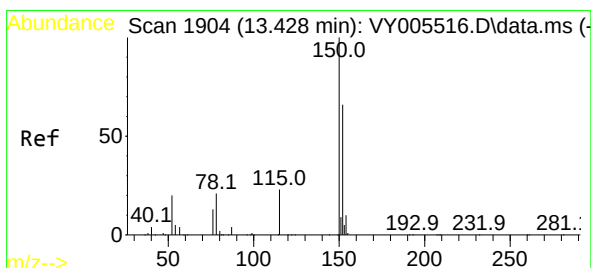
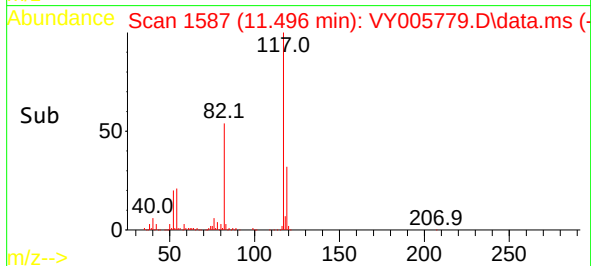
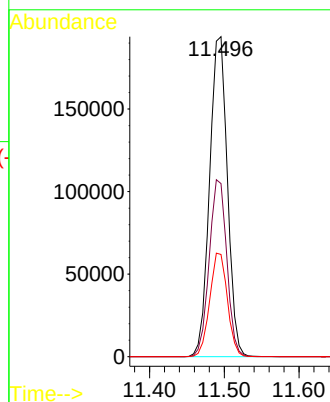
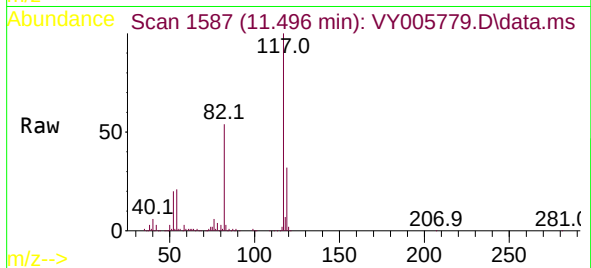




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005779.D
Acq: 19 Aug 2021 19:03

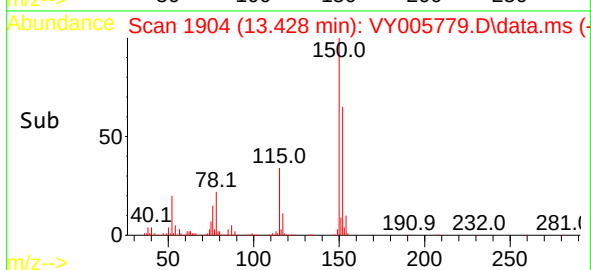
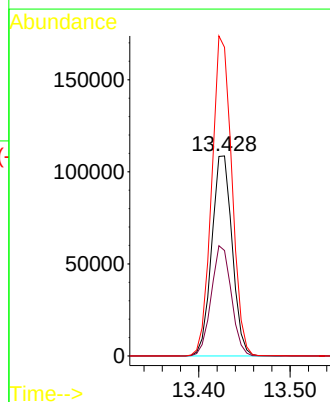
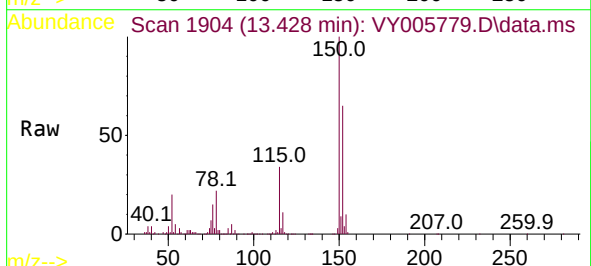
Instrument :
MSVOA_Y
ClientSampleId :

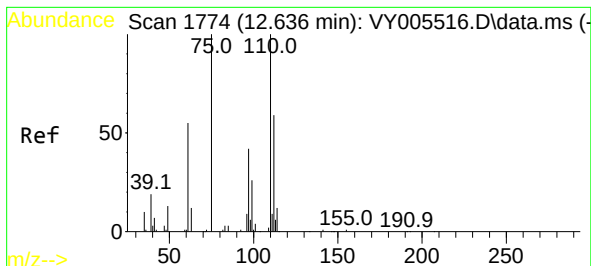
Tgt Ion:117 Resp: 321201
Ion Ratio Lower Upper
117 100
82 54.1 43.5 65.3
119 32.0 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005779.D
Acq: 19 Aug 2021 19:03

Tgt Ion:152 Resp: 168636
Ion Ratio Lower Upper
152 100
115 54.0 27.3 81.9
150 157.3 0.0 350.2

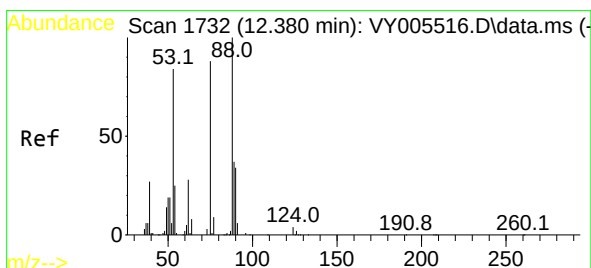
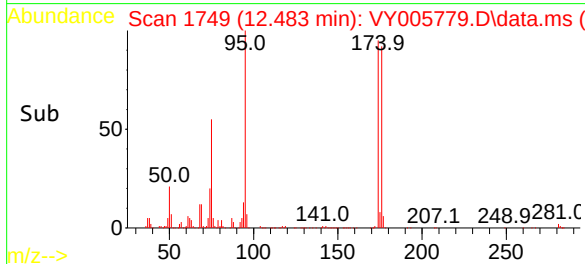
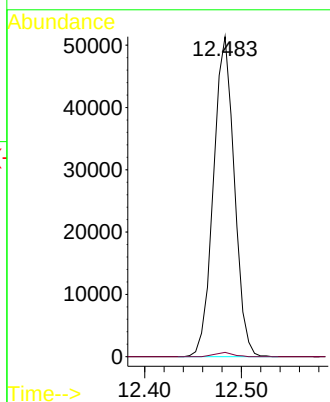
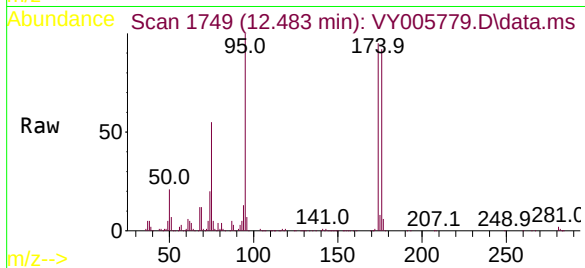




#76
1,2,3-Trichloropropane
Concen: 44.019 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY005779.D
Acq: 19 Aug 2021 19:03

Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion: 75 Resp: 76926
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 88.737 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY005779.D
Acq: 19 Aug 2021 19:03

Tgt Ion: 75 Resp: 76926
Ion Ratio Lower Upper
75 100
53 0.1 76.7 115.1#
89 0.0 38.4 57.6#

