

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081921\
 Data File : VY005778.D
 Acq On : 19 Aug 2021 18:40
 Operator : SY/MD
 Sample : M3418-17
 Misc : 5.22G/5ML/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 20 06:58:45 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)

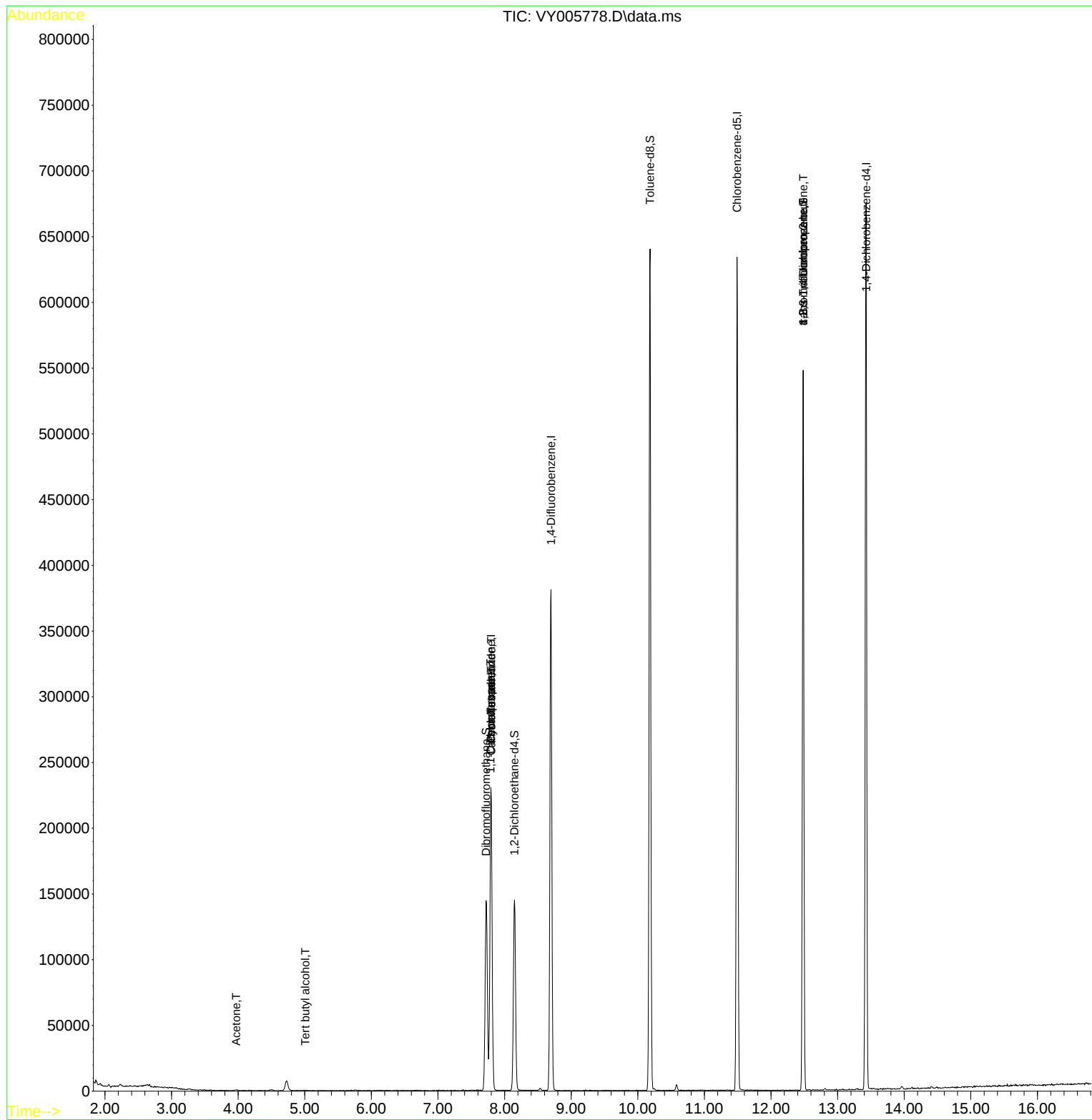
Internal Standards						
1) Pentafluorobenzene	7.795	168	185480	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	320586	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	335865	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	177338	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	120884	64.385	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 128.760%	
35) Dibromofluoromethane	7.722	113	96544	53.788	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.580%	
50) Toluene-d8	10.185	98	419855	55.775	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 111.560%	
62) 4-Bromofluorobenzene	12.483	95	147420	59.139	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 118.280%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.009	59	613	3.303	ug/l #	73
16) Acetone	3.972	43	977	2.064	ug/l #	78
20) Methylene Chloride	4.722	84	5559	Below Cal	#	94
31) Cyclohexane	7.795	56	3679	1.142	ug/l #	36
36) 1,1-Dichloropropene	7.789	75	13464	4.478	ug/l #	49
38) Carbon Tetrachloride	7.801	117	17082	5.227	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	82434	44.856	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	82434	90.425	ug/l #	11

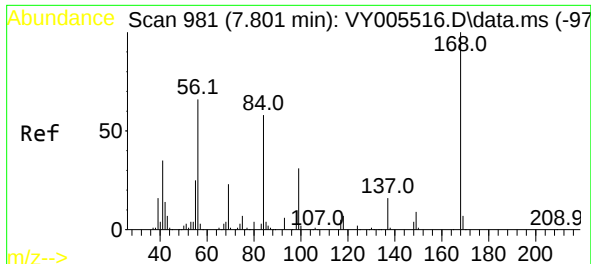
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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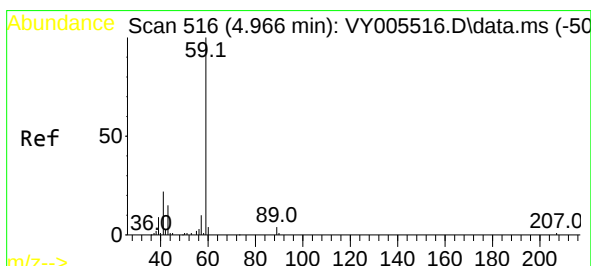
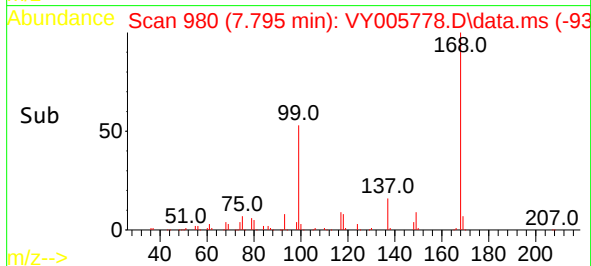
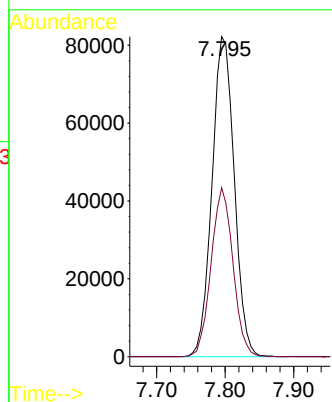
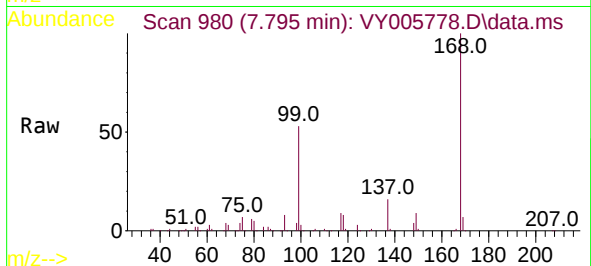




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005778.D
Acq: 19 Aug 2021 18:40

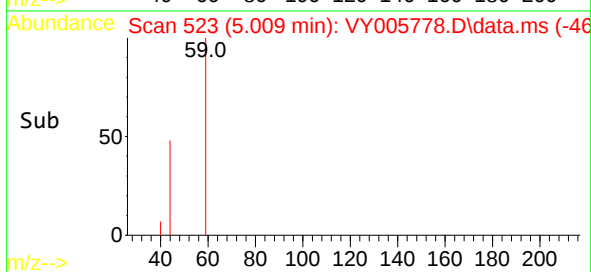
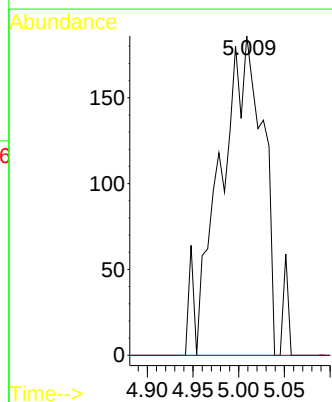
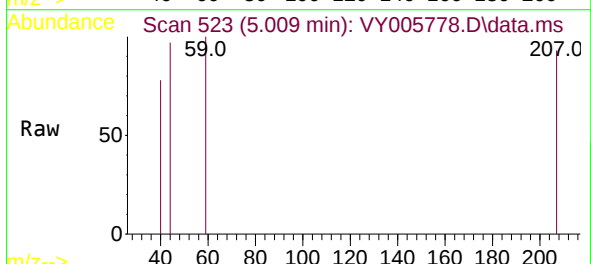
Instrument :
MSVOA_Y
ClientSampled :

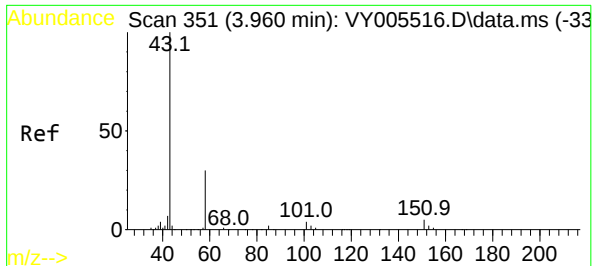
Tgt Ion:168 Resp: 185480
Ion Ratio Lower Upper
168 100
99 52.8 38.9 58.3



#11
Tert butyl alcohol
Concen: 3.303 ug/l
RT: 5.009 min Scan# 523
Delta R.T. 0.042 min
Lab File: VY005778.D
Acq: 19 Aug 2021 18:40

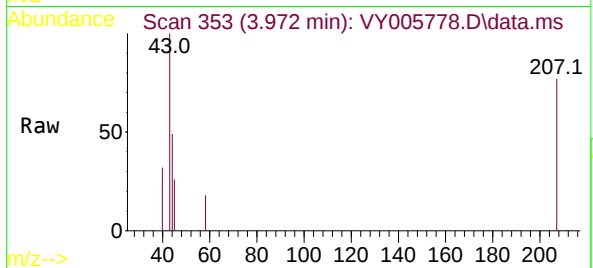
Tgt Ion: 59 Resp: 613
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#



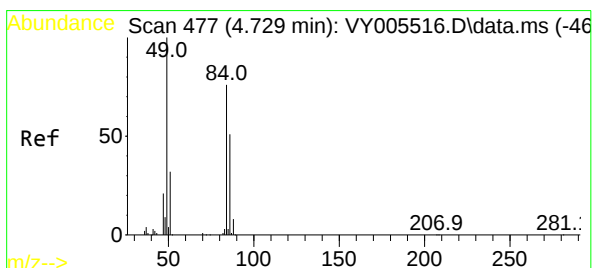
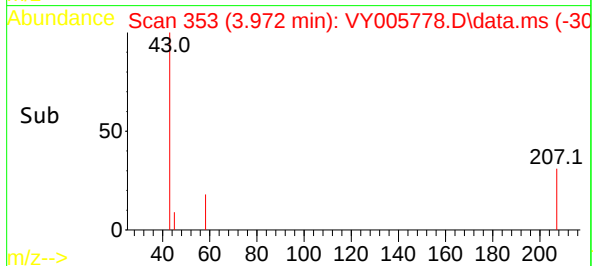
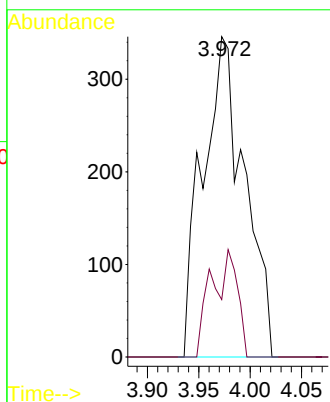


#16
Acetone
Concen: 2.064 ug/l
RT: 3.972 min Scan# 353
Delta R.T. 0.012 min
Lab File: VY005778.D
Acq: 19 Aug 2021 18:40

Instrument :
MSVOA_Y
ClientSampled :

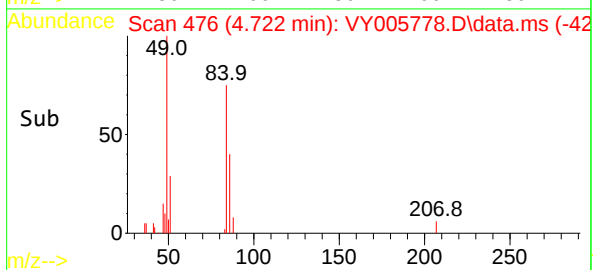
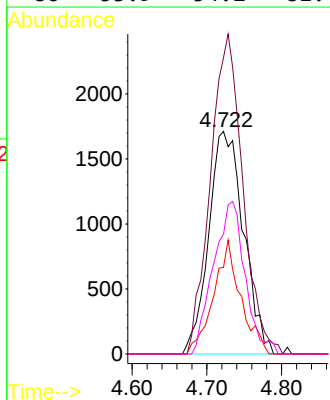
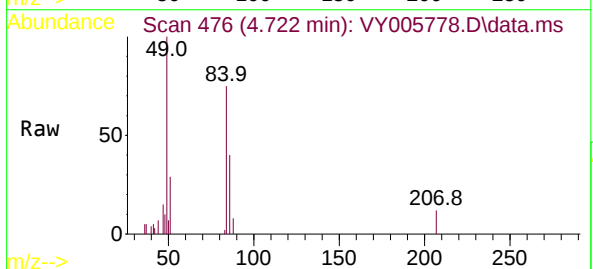


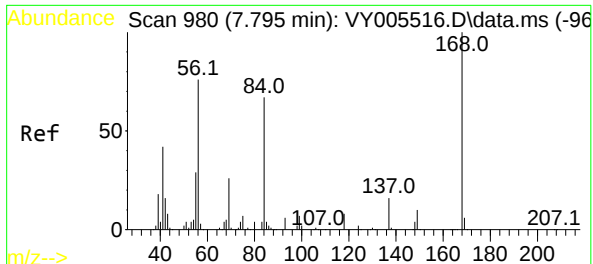
Tgt Ion: 43 Resp: 977
Ion Ratio Lower Upper
43 100
58 17.9 23.8 35.6#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.722 min Scan# 476
Delta R.T. -0.007 min
Lab File: VY005778.D
Acq: 19 Aug 2021 18:40

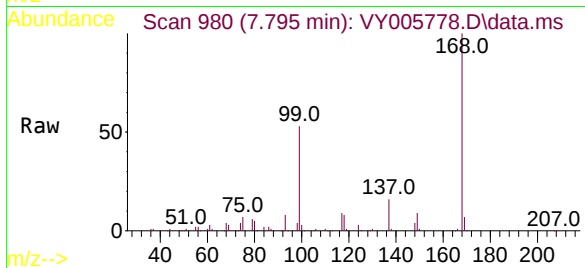
Tgt Ion: 84 Resp: 5559
Ion Ratio Lower Upper
84 100
49 133.1 105.8 158.6
51 38.9 33.4 50.2
86 53.9 54.2 81.4#



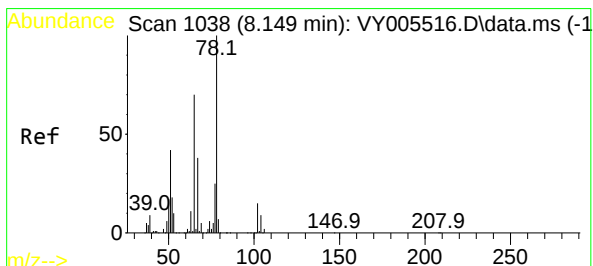
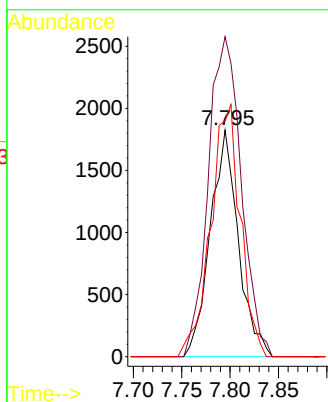
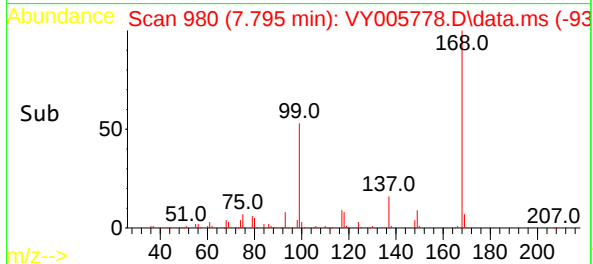


#31
Cyclohexane
Concen: 1.142 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY005778.D
Acq: 19 Aug 2021 18:40

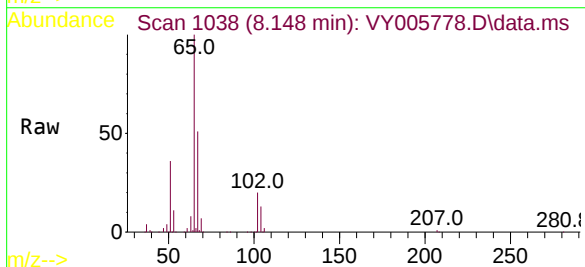
Instrument :
MSVOA_Y
ClientSampleId :



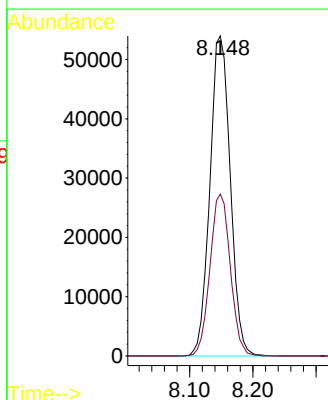
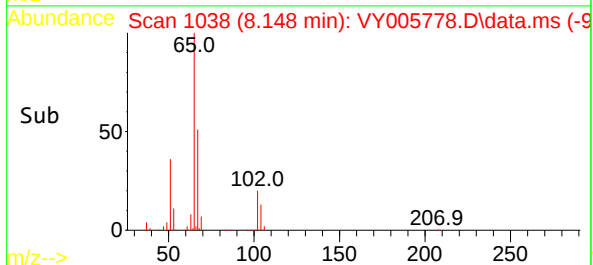
Tgt Ion: 56 Resp: 3679
Ion Ratio Lower Upper
56 100
69 141.3 27.7 41.5#
84 104.2 70.9 106.3

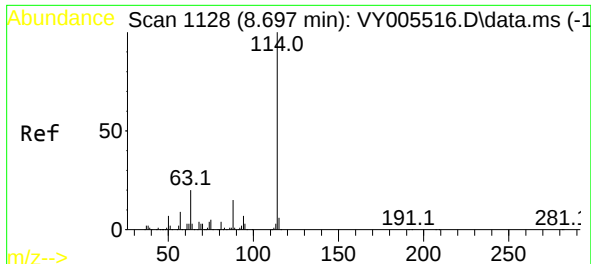


#33
1,2-Dichloroethane-d4
Concen: 64.385 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005778.D
Acq: 19 Aug 2021 18:40



Tgt Ion: 65 Resp: 120884
Ion Ratio Lower Upper
65 100
67 50.5 0.0 103.4

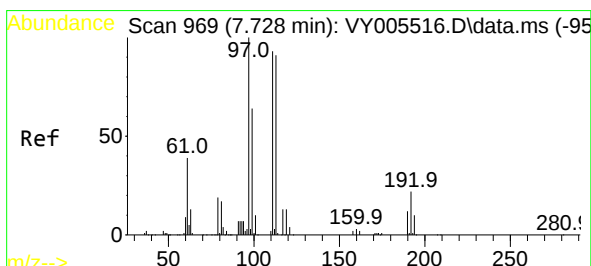
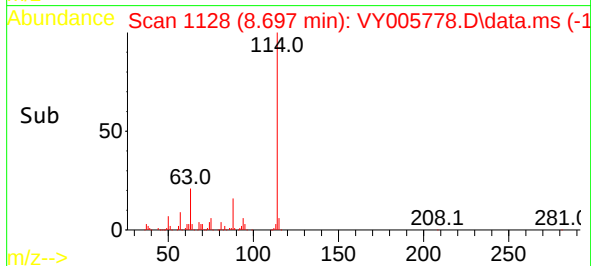
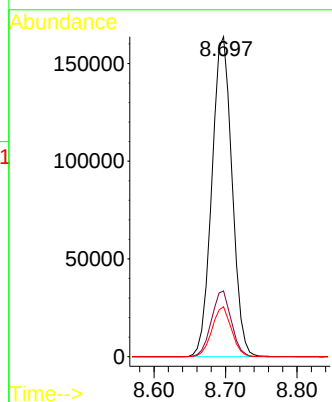
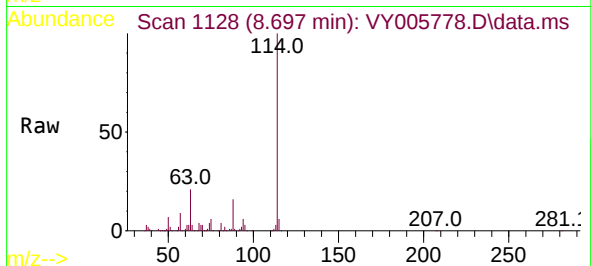




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005778.D
Acq: 19 Aug 2021 18:40

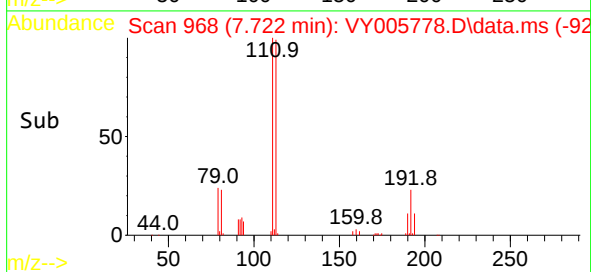
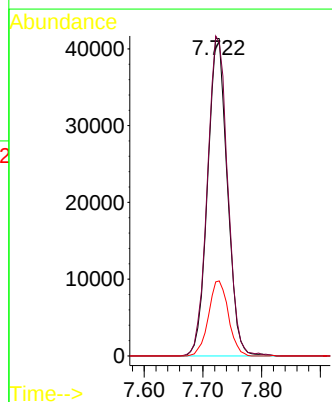
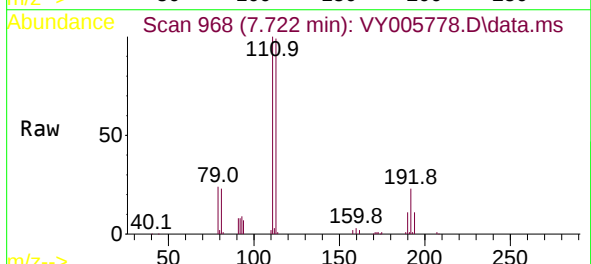
Instrument :
MSVOA_Y
ClientSampleId :

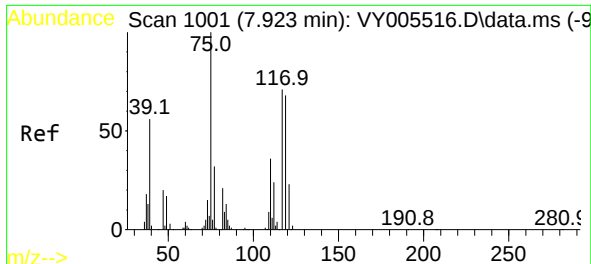
Tgt Ion:114 Resp: 320586
Ion Ratio Lower Upper
114 100
63 20.6 0.0 39.2
88 15.6 0.0 30.8



#35
Dibromofluoromethane
Concen: 53.788 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY005778.D
Acq: 19 Aug 2021 18:40

Tgt Ion:113 Resp: 96544
Ion Ratio Lower Upper
113 100
111 103.6 81.9 122.9
192 23.8 19.2 28.8





#36

1,1-Dichloropropene

Concen: 4.478 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.134 min

Lab File: VY005778.D

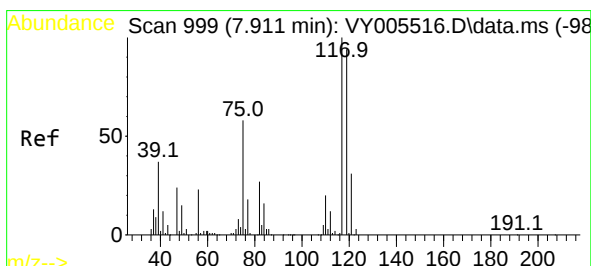
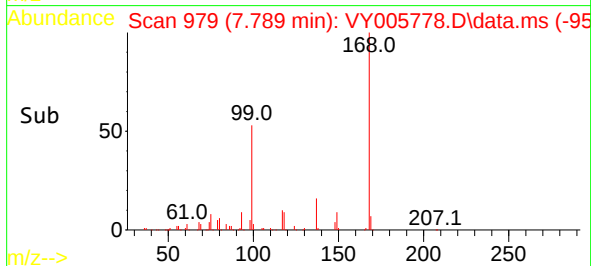
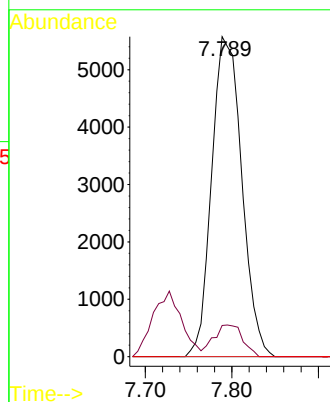
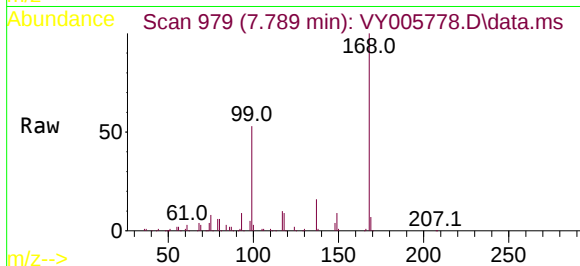
Acq: 19 Aug 2021 18:40

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 75	Resp: 13464
Ion Ratio	Lower Upper
75 100	
110 9.6	18.1 54.1#
77 0.0	25.1 37.7#



#38

Carbon Tetrachloride

Concen: 5.227 ug/l

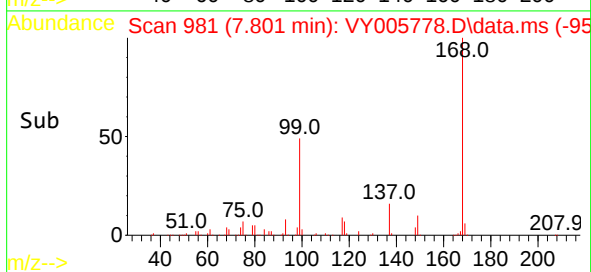
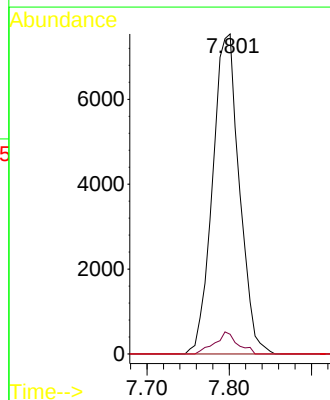
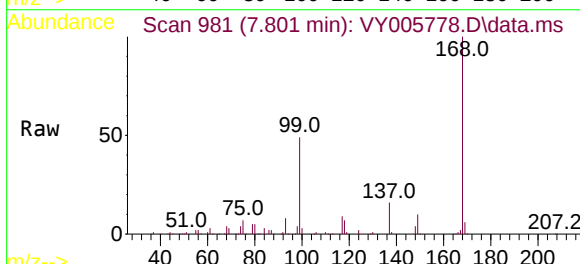
RT: 7.801 min Scan# 981

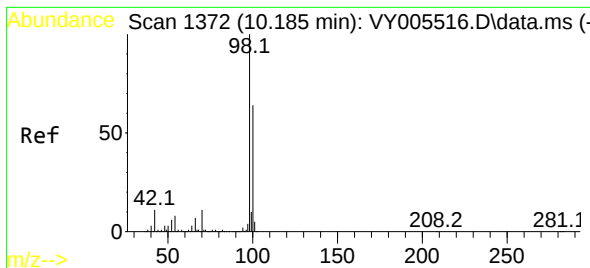
Delta R.T. -0.110 min

Lab File: VY005778.D

Acq: 19 Aug 2021 18:40

Tgt Ion: 117	Resp: 17082
Ion Ratio	Lower Upper
117 100	
119 6.1	75.4 113.0#
121 0.0	25.1 37.7#

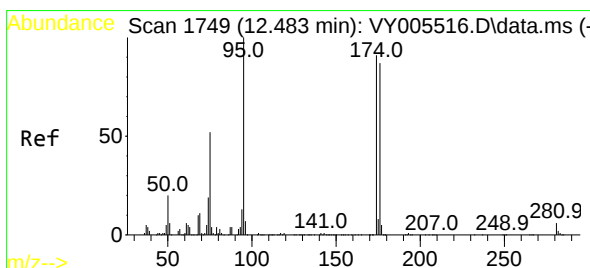
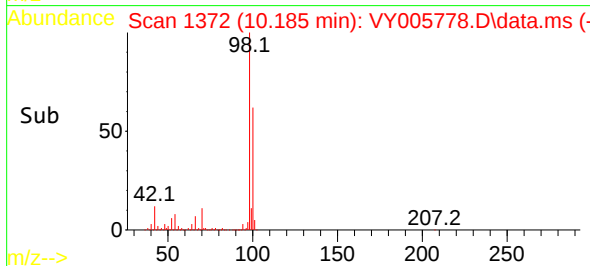
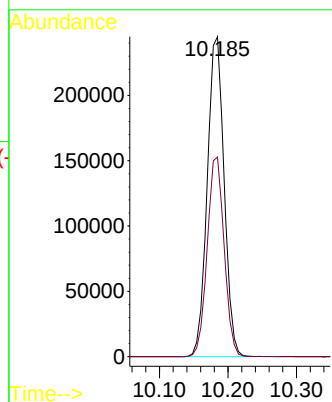
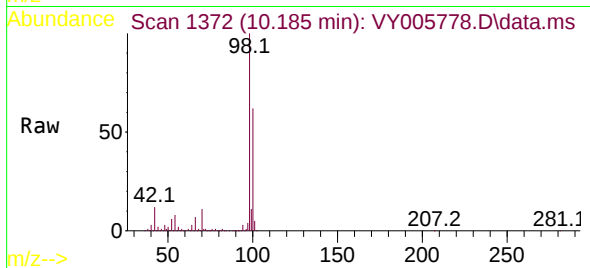




#50
Toluene-d8
Concen: 55.775 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005778.D
Acq: 19 Aug 2021 18:40

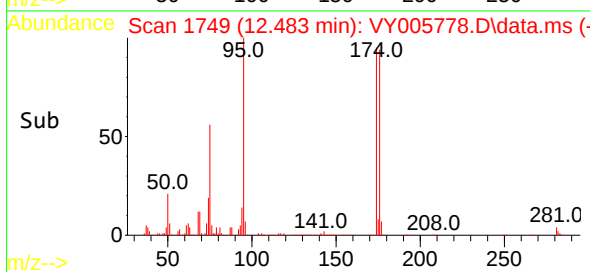
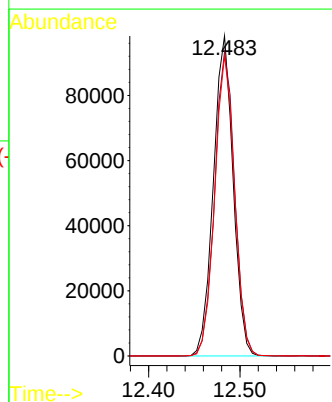
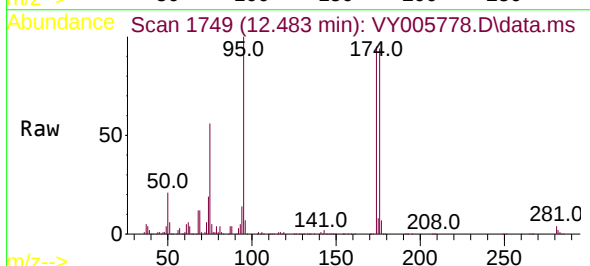
Instrument :
MSVOA_Y
ClientSampled :

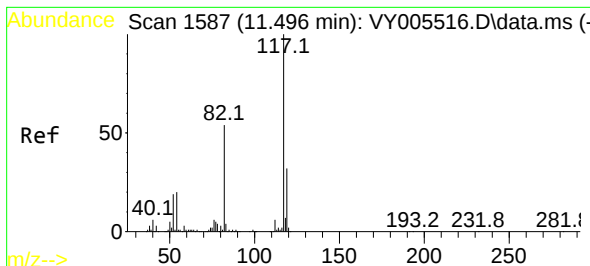
Tgt Ion: 98 Resp: 419855
Ion Ratio Lower Upper
98 100
100 62.7 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 59.139 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005778.D
Acq: 19 Aug 2021 18:40

Tgt Ion: 95 Resp: 147420
Ion Ratio Lower Upper
95 100
174 96.5 0.0 191.4
176 94.0 0.0 183.6

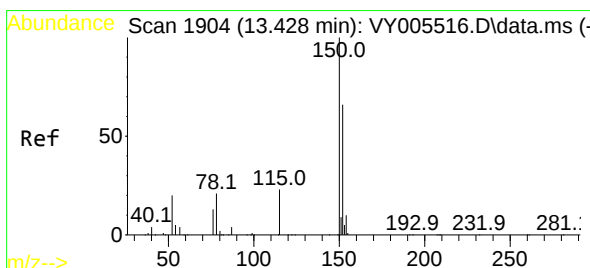
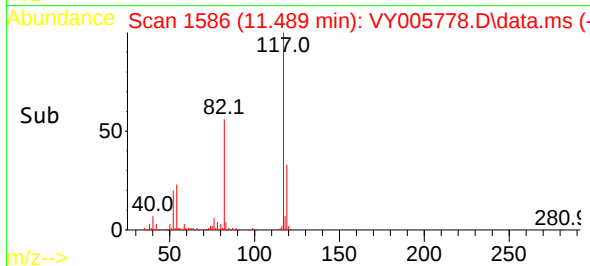
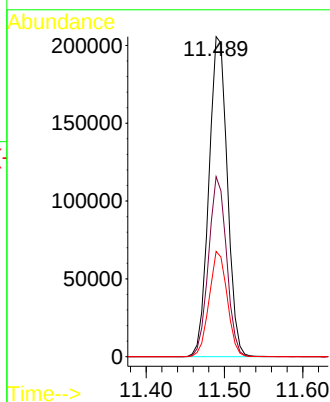
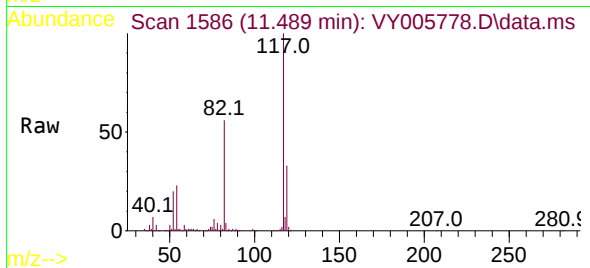




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY005778.D
Acq: 19 Aug 2021 18:40

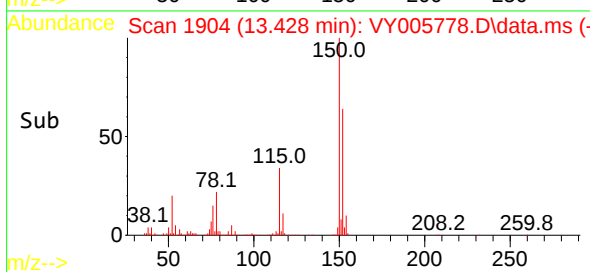
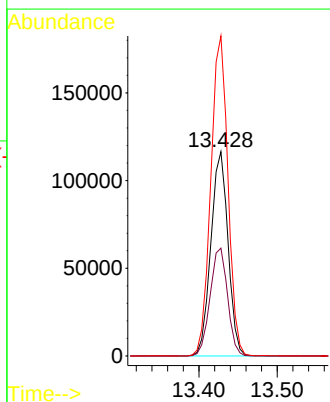
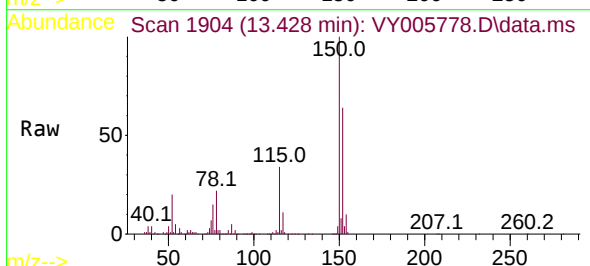
Instrument :
MSVOA_Y
ClientSampleId :

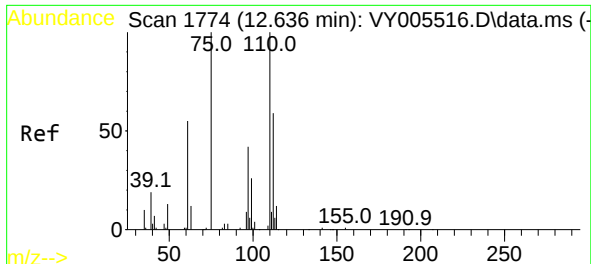
Tgt Ion:117 Resp: 335865
Ion Ratio Lower Upper
117 100
82 56.3 43.5 65.3
119 32.9 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005778.D
Acq: 19 Aug 2021 18:40

Tgt Ion:152 Resp: 177338
Ion Ratio Lower Upper
152 100
115 53.6 27.3 81.9
150 156.3 0.0 350.2

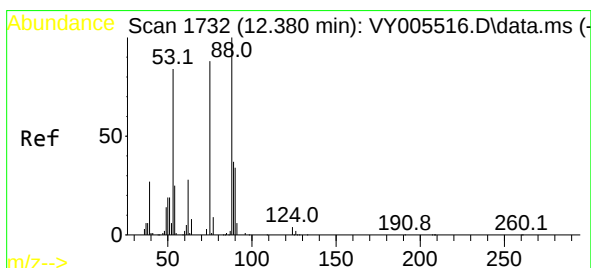
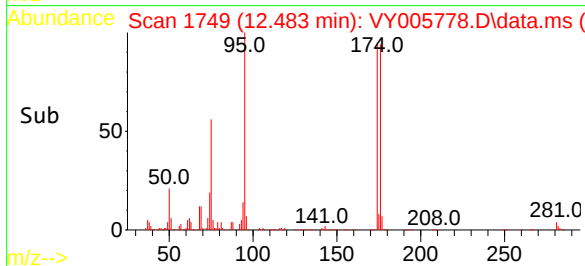
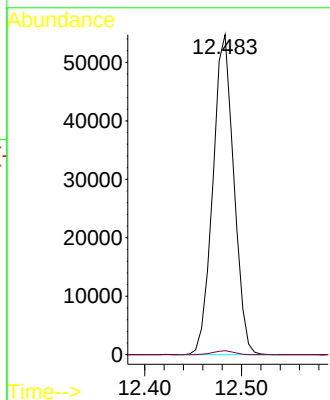
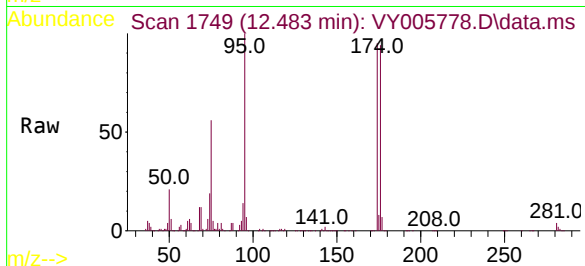




#76
1,2,3-Trichloropropane
Concen: 44.856 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY005778.D
Acq: 19 Aug 2021 18:40

Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion: 75 Resp: 82434
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 90.425 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY005778.D
Acq: 19 Aug 2021 18:40

Tgt Ion: 75 Resp: 82434
Ion Ratio Lower Upper
75 100
53 0.1 76.7 115.1#
89 0.0 38.4 57.6#

