

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081921\
 Data File : VY005777.D
 Acq On : 19 Aug 2021 18:17
 Operator : SY/MD
 Sample : M3418-16
 Misc : 6.53G/5ML/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 20 06:58:32 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	187020	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	323643	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	340770	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	181147	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	123495	65.234	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	130.460%
35) Dibromofluoromethane	7.722	113	98489	54.354	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.700%
50) Toluene-d8	10.185	98	421725	55.494	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	110.980%
62) 4-Bromofluorobenzene	12.483	95	150863	59.949	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	119.900%

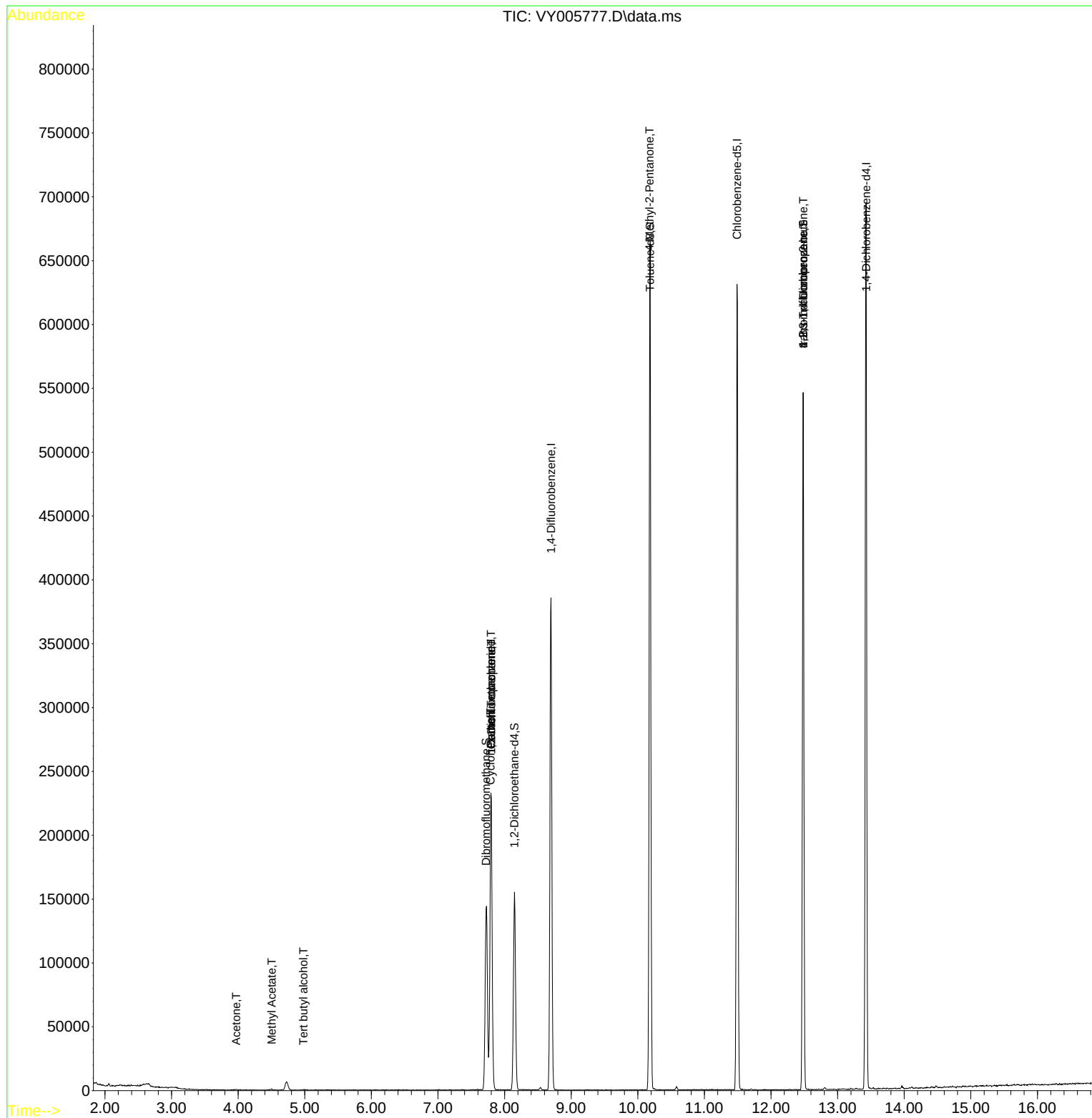
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.978	59	469	2.506	ug/l #	73
16) Acetone	3.972	43	790	1.655	ug/l #	78
18) Methyl Acetate	4.503	43	1338	1.072	ug/l #	77
20) Methylene Chloride	4.728	84	4964	Below Cal		91
31) Cyclohexane	7.789	56	3896	1.200	ug/l #	31
36) 1,1-Dichloropropene	7.801	75	13457	4.433	ug/l #	50
38) Carbon Tetrachloride	7.795	117	17196	5.212	ug/l #	16
51) 4-Methyl-2-Pentanone	10.179	43	1871	1.020	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	82241	43.810	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	82241	88.316	ug/l #	11

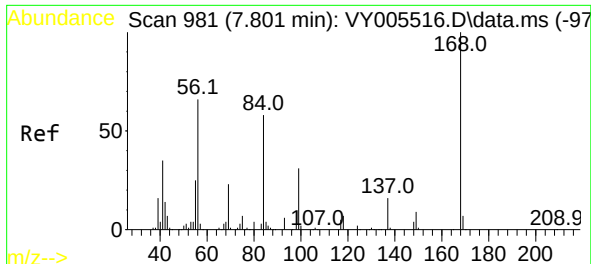
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Aug 03 04:52:05 2021
Response via : Initial Calibration

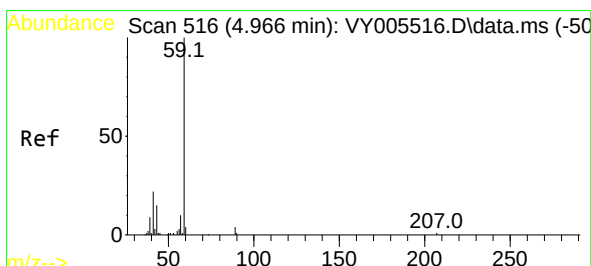
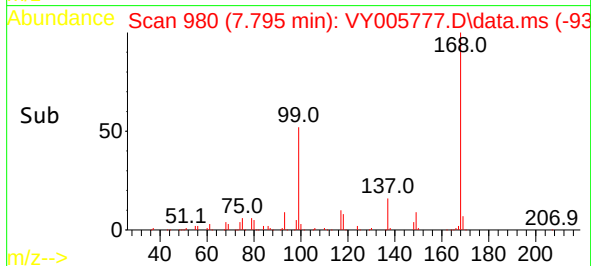
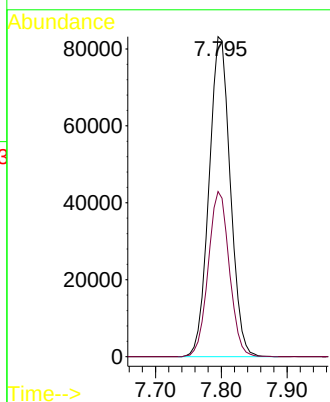
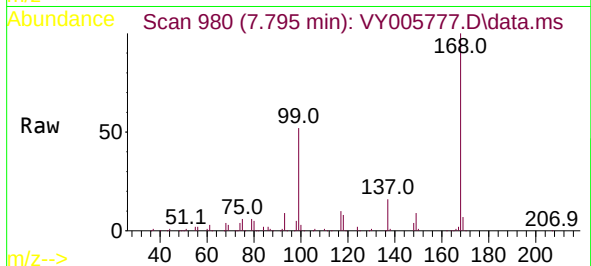




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005777.D
Acq: 19 Aug 2021 18:17

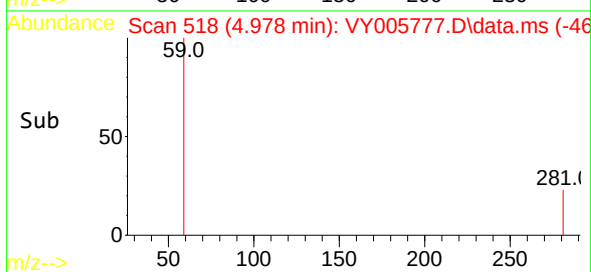
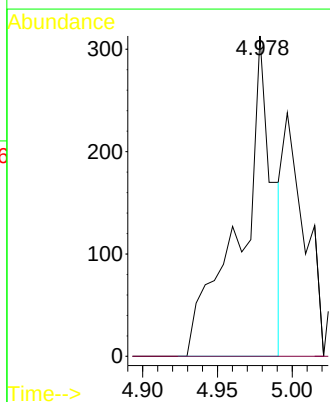
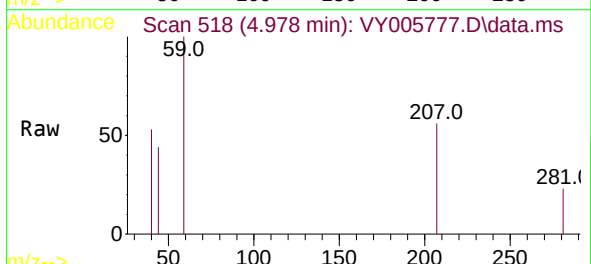
Instrument :
MSVOA_Y
ClientSampled :

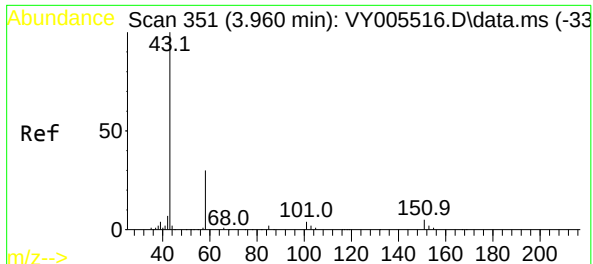
Tgt Ion:168 Resp: 187020
Ion Ratio Lower Upper
168 100
99 51.6 38.9 58.3



#11
Tert butyl alcohol
Concen: 2.506 ug/l
RT: 4.978 min Scan# 518
Delta R.T. 0.012 min
Lab File: VY005777.D
Acq: 19 Aug 2021 18:17

Tgt Ion: 59 Resp: 469
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

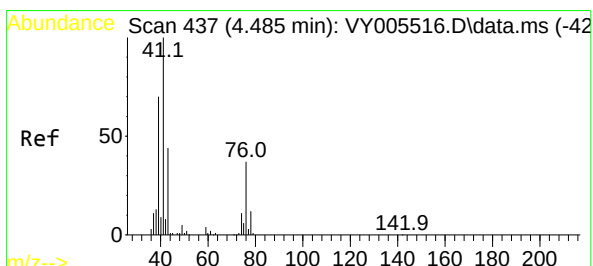
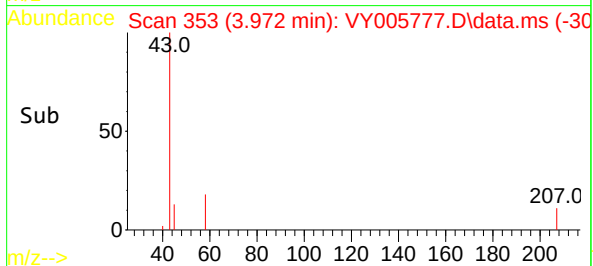
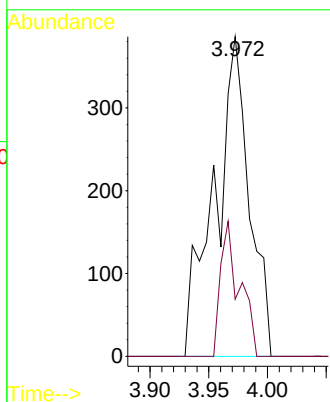
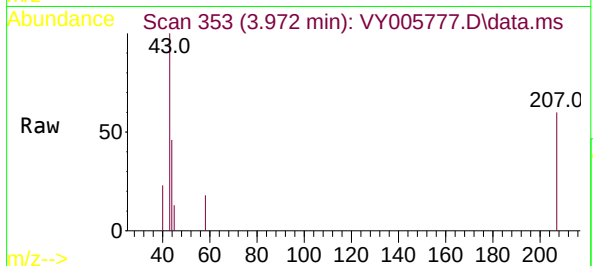




#16
Acetone
Concen: 1.655 ug/l
RT: 3.972 min Scan# 353
Delta R.T. 0.012 min
Lab File: VY005777.D
Acq: 19 Aug 2021 18:17

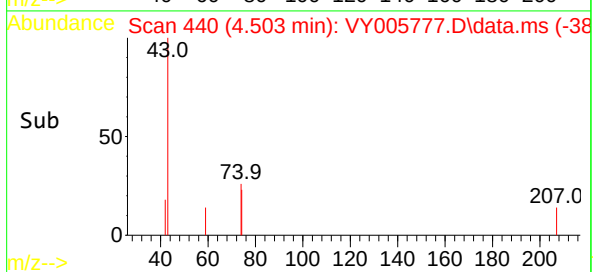
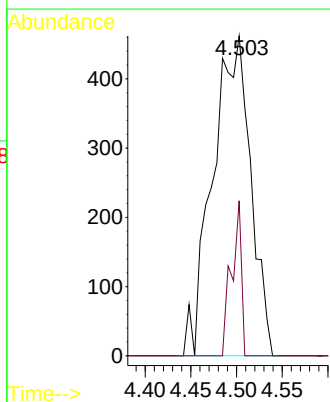
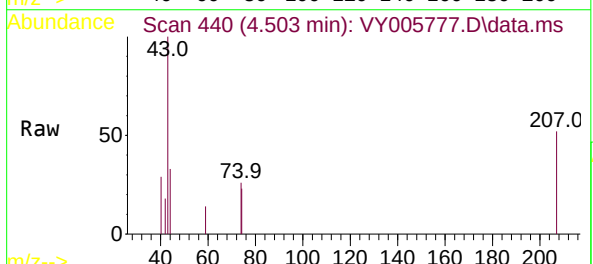
Instrument :
MSVOA_Y
ClientSampleId :

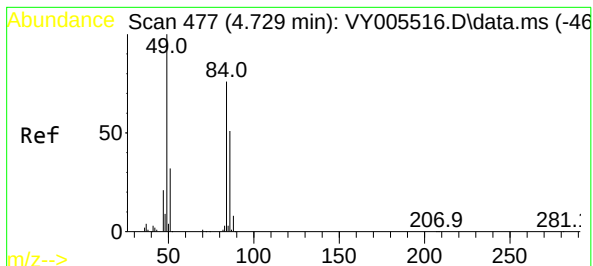
Tgt Ion: 43 Resp: 790
Ion Ratio Lower Upper
43 100
58 17.9 23.8 35.6#



#18
Methyl Acetate
Concen: 1.072 ug/l
RT: 4.503 min Scan# 440
Delta R.T. 0.018 min
Lab File: VY005777.D
Acq: 19 Aug 2021 18:17

Tgt Ion: 43 Resp: 1338
Ion Ratio Lower Upper
43 100
74 12.6 19.0 28.6#





#20

Methylene Chloride

Concen: Below Cal

RT: 4.728 min Scan# 477

Delta R.T. -0.001 min

Lab File: VY005777.D

Acq: 19 Aug 2021 18:17

Tgt Ion: 84 Resp: 4964

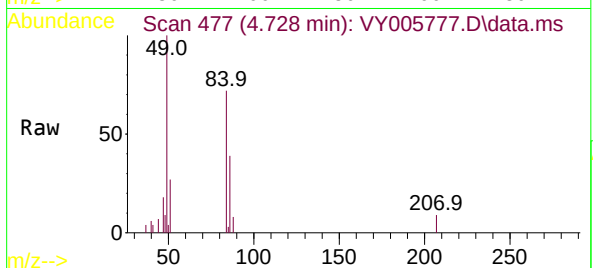
Ion Ratio Lower Upper

84 100

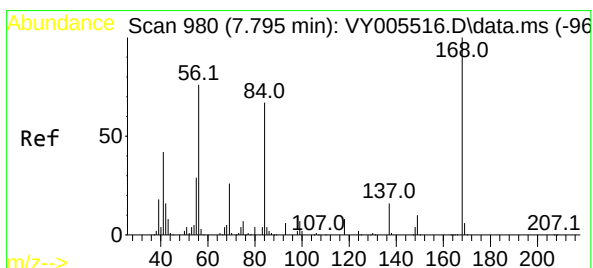
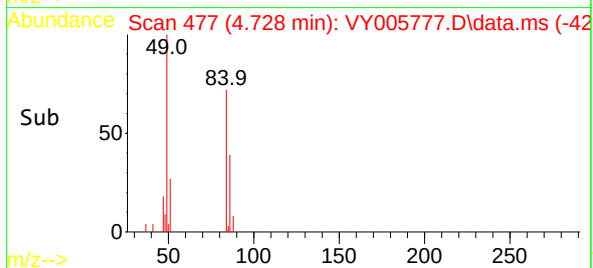
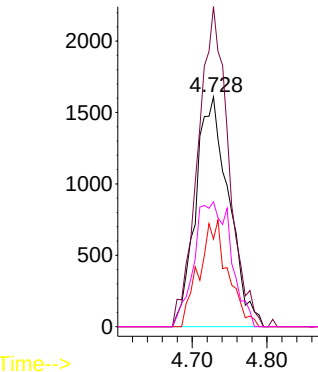
49 139.3 105.8 158.6

51 38.1 33.4 50.2

86 54.3 54.2 81.4



Abundance



#31

Cyclohexane

Concen: 1.200 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.006 min

Lab File: VY005777.D

Acq: 19 Aug 2021 18:17

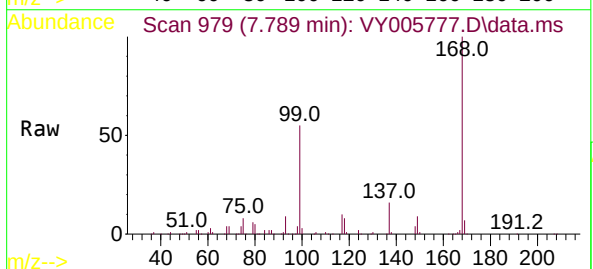
Tgt Ion: 56 Resp: 3896

Ion Ratio Lower Upper

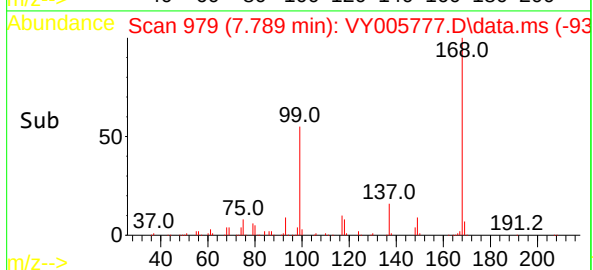
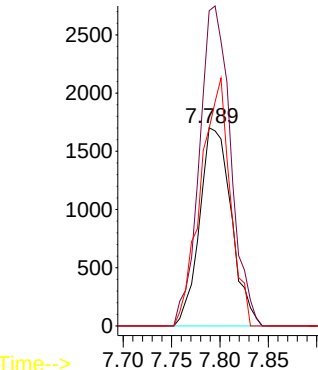
56 100

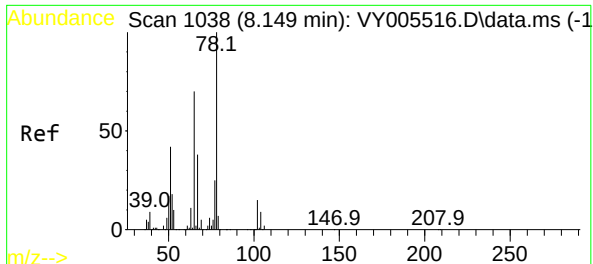
69 159.0 27.7 41.5#

84 99.6 70.9 106.3



Abundance

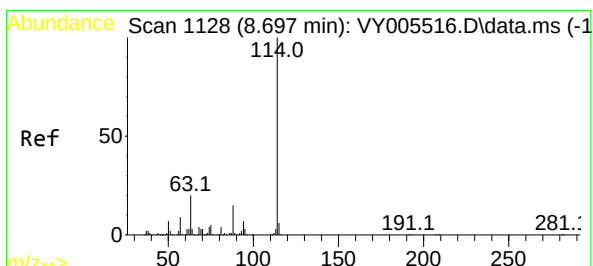
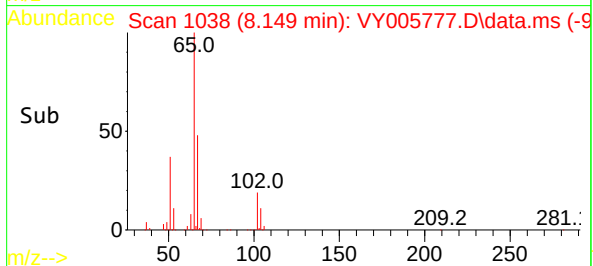
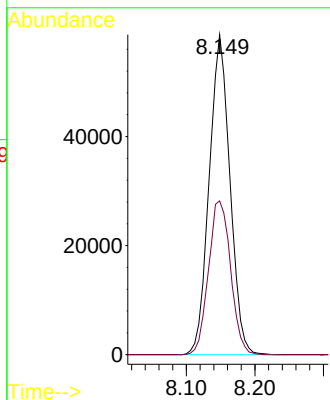
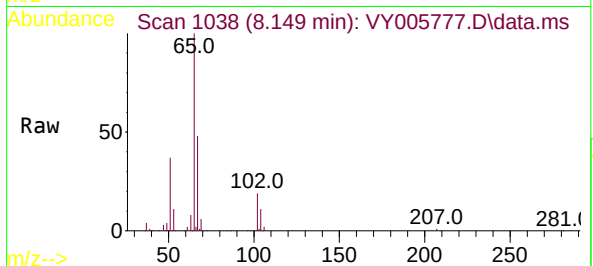




#33
1,2-Dichloroethane-d4
Concen: 65.234 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005777.D
Acq: 19 Aug 2021 18:17

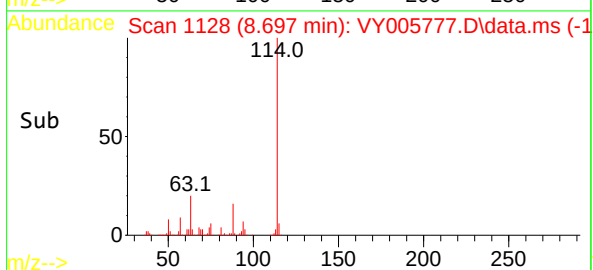
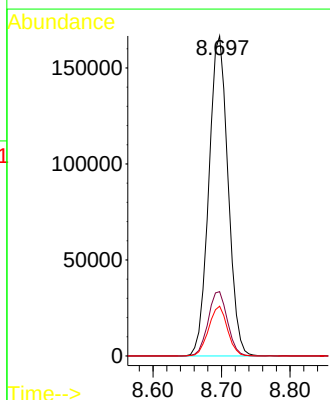
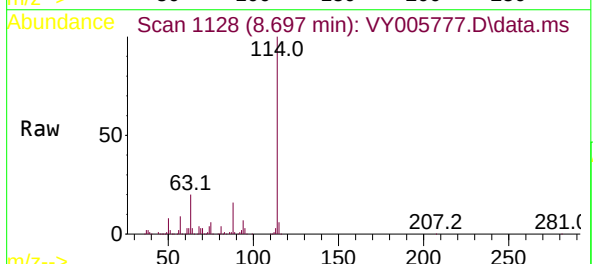
Instrument :
MSVOA_Y
ClientSampleId :

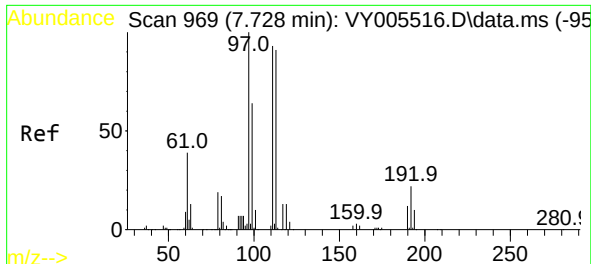
Tgt Ion: 65 Resp: 123495
Ion Ratio Lower Upper
65 100
67 51.2 0.0 103.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005777.D
Acq: 19 Aug 2021 18:17

Tgt Ion: 114 Resp: 323643
Ion Ratio Lower Upper
114 100
63 20.1 0.0 39.2
88 15.6 0.0 30.8

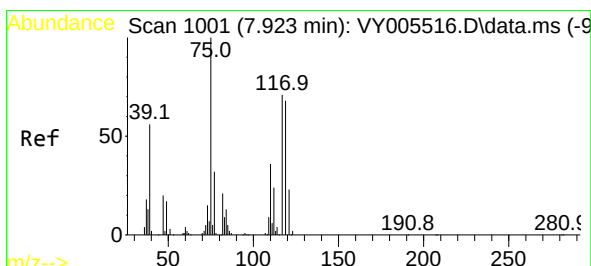
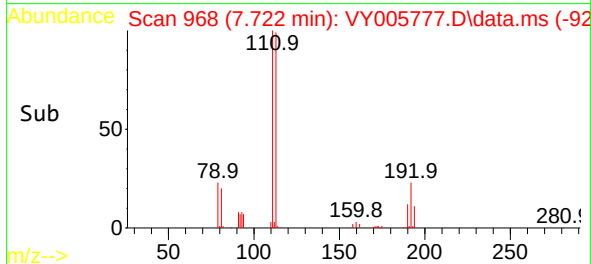
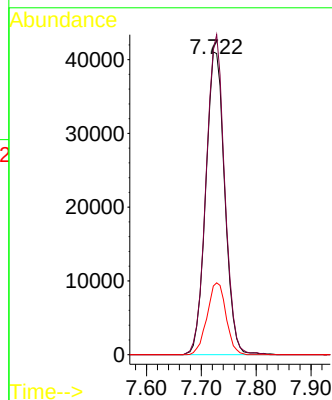
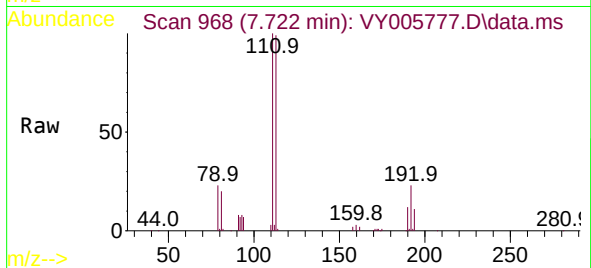




#35
Dibromofluoromethane
Concen: 54.354 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY005777.D
Acq: 19 Aug 2021 18:17

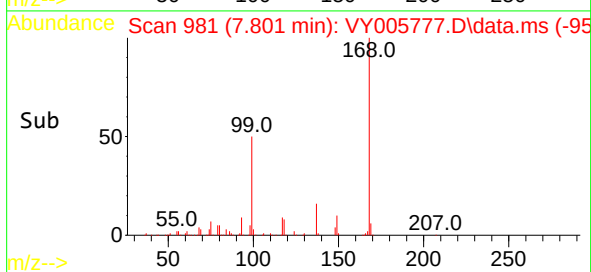
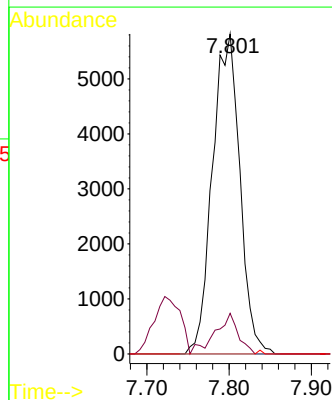
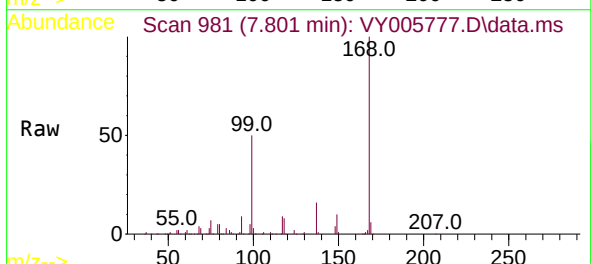
Instrument :
MSVOA_Y
ClientSampleId :

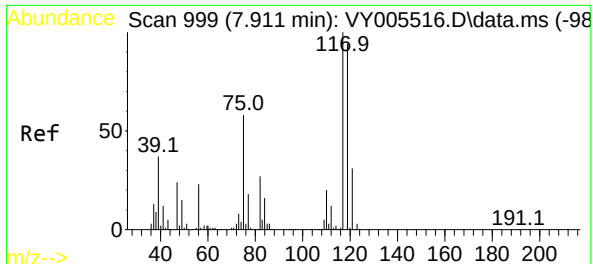
Tgt Ion:113 Resp: 98489
Ion Ratio Lower Upper
113 100
111 103.4 81.9 122.9
192 23.7 19.2 28.8



#36
1,1-Dichloropropene
Concen: 4.433 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.122 min
Lab File: VY005777.D
Acq: 19 Aug 2021 18:17

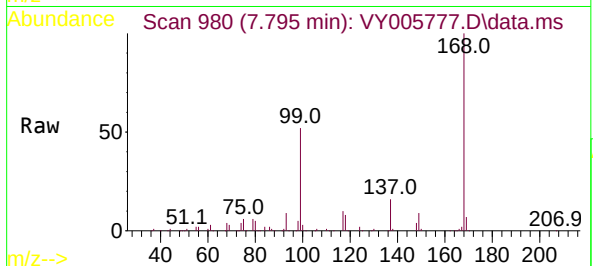
Tgt Ion: 75 Resp: 13457
Ion Ratio Lower Upper
75 100
110 9.7 18.1 54.1#
77 0.0 25.1 37.7#



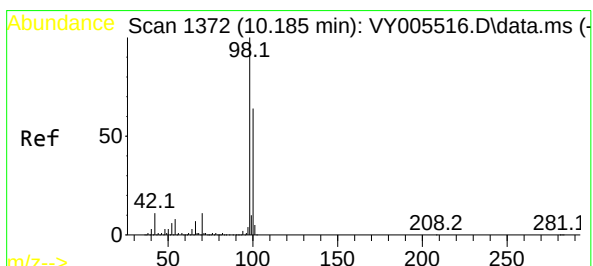
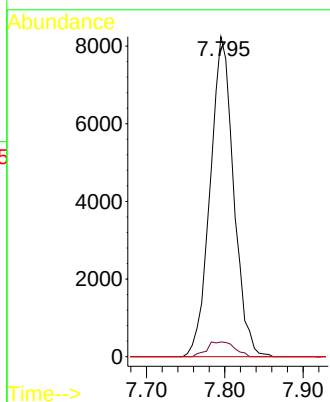
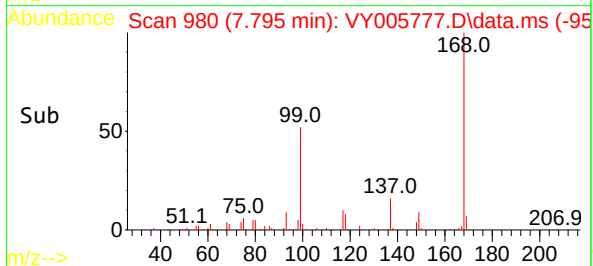


#38
Carbon Tetrachloride
Concen: 5.212 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY005777.D
Acq: 19 Aug 2021 18:17

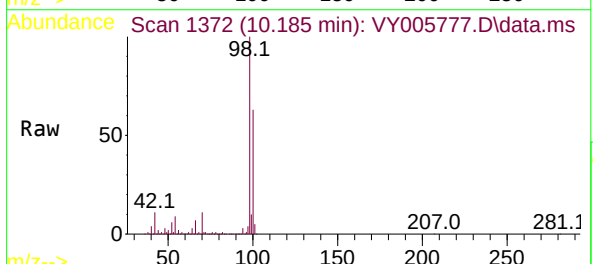
Instrument :
MSVOA_Y
ClientSampleId :



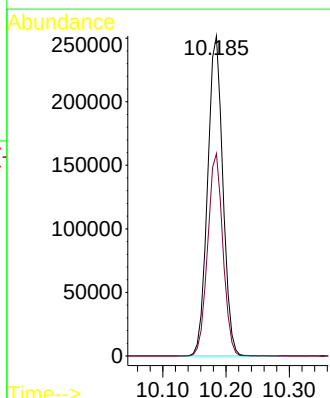
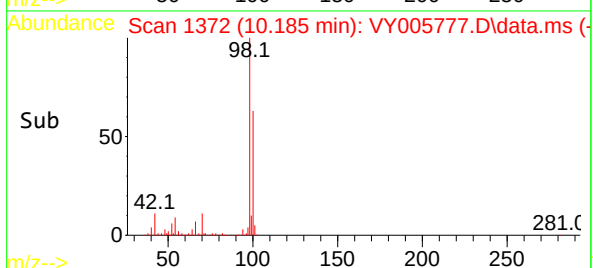
Tgt Ion:117 Resp: 17196
Ion Ratio Lower Upper
117 100
119 4.6 75.4 113.0#
121 0.0 25.1 37.7#

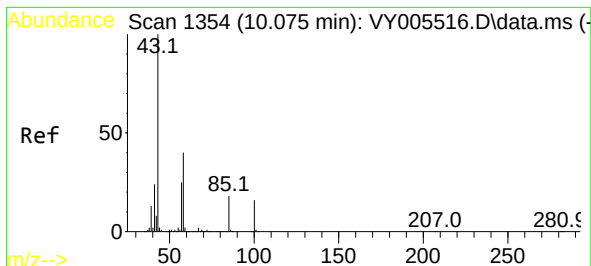


#50
Toluene-d8
Concen: 55.494 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005777.D
Acq: 19 Aug 2021 18:17



Tgt Ion: 98 Resp: 421725
Ion Ratio Lower Upper
98 100
100 63.2 51.3 76.9

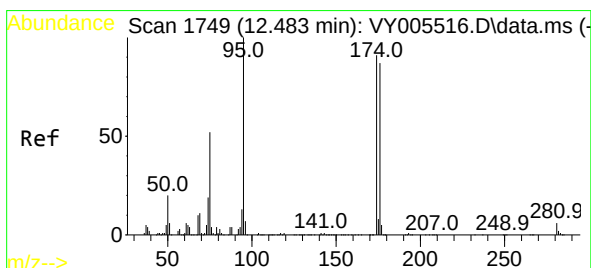
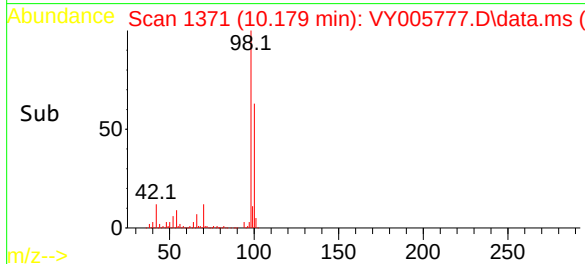
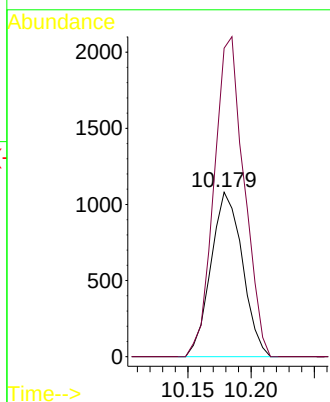
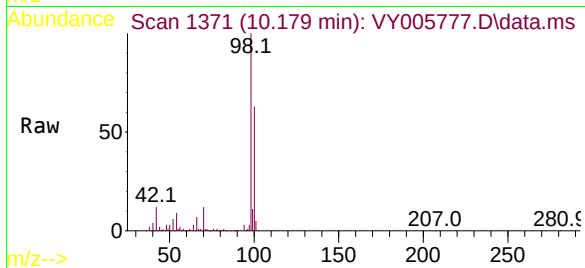




#51
4-Methyl-2-Pentanone
Concen: 1.020 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.104 min
Lab File: VY005777.D
Acq: 19 Aug 2021 18:17

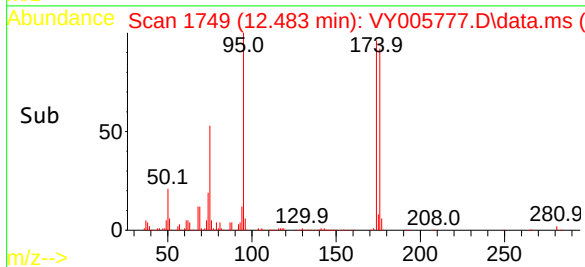
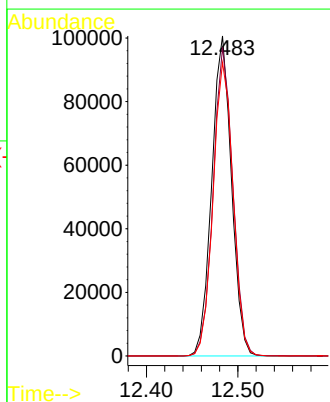
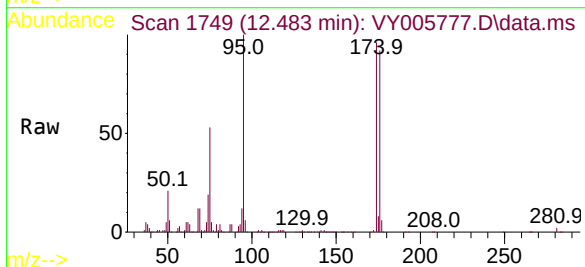
Instrument :
MSVOA_Y
ClientSampled :

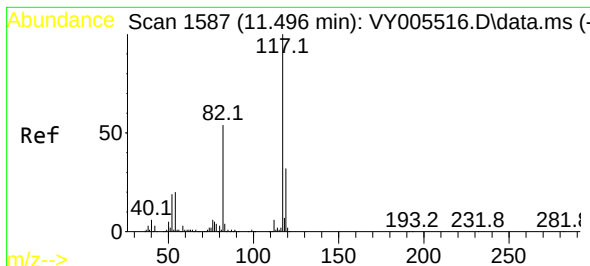
Tgt Ion: 43 Resp: 1871
Ion Ratio Lower Upper
43 100
58 185.2 31.4 47.2#



#62
4-Bromofluorobenzene
Concen: 59.949 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005777.D
Acq: 19 Aug 2021 18:17

Tgt Ion: 95 Resp: 150863
Ion Ratio Lower Upper
95 100
174 96.0 0.0 191.4
176 93.0 0.0 183.6

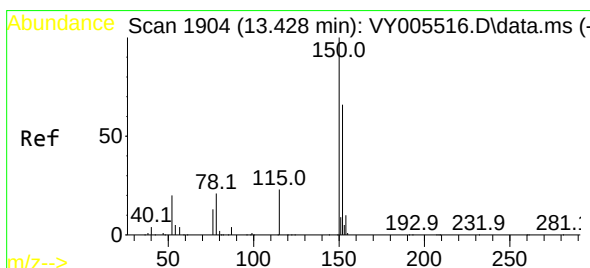
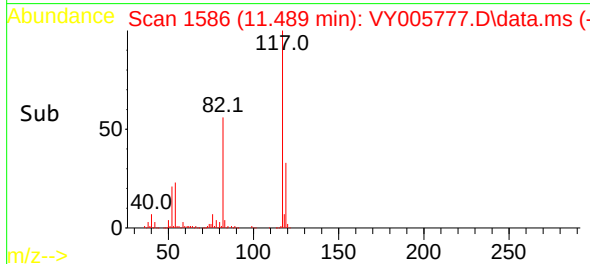
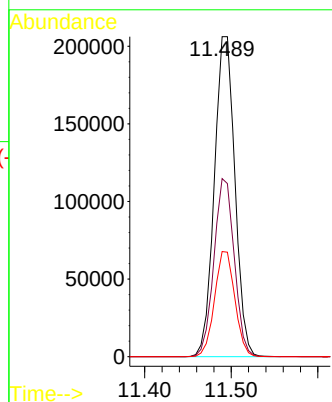
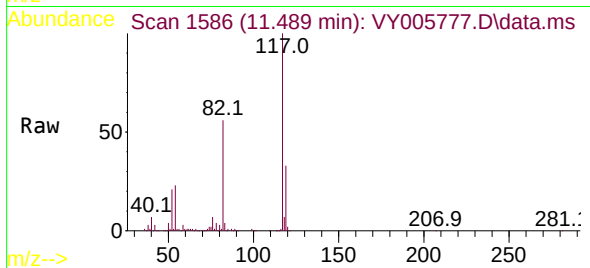




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY005777.D
Acq: 19 Aug 2021 18:17

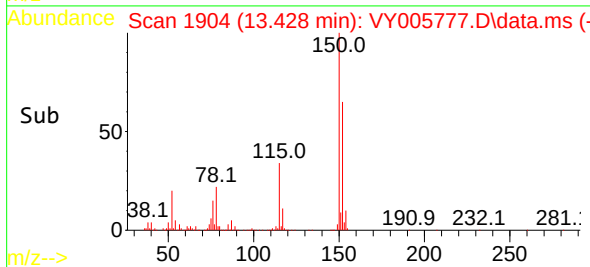
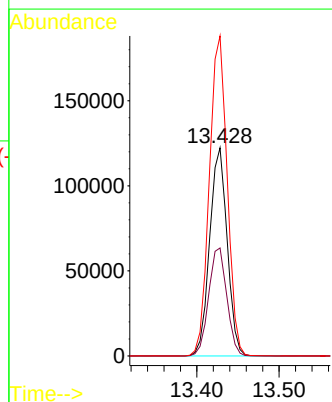
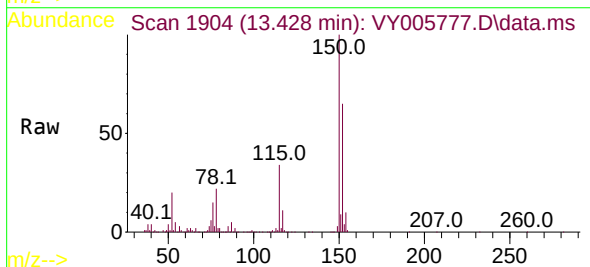
Instrument :
MSVOA_Y
ClientSampleId :

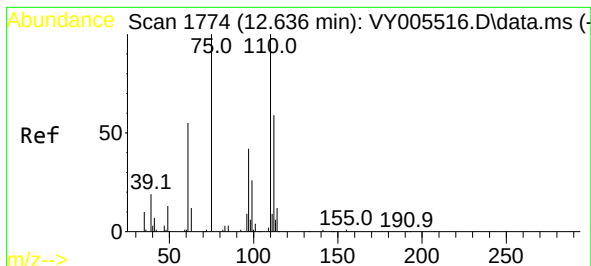
Tgt Ion:117 Resp: 340770
Ion Ratio Lower Upper
117 100
82 55.6 43.5 65.3
119 32.9 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005777.D
Acq: 19 Aug 2021 18:17

Tgt Ion:152 Resp: 181147
Ion Ratio Lower Upper
152 100
115 53.7 27.3 81.9
150 156.4 0.0 350.2

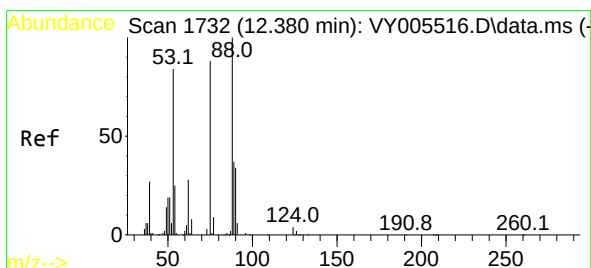
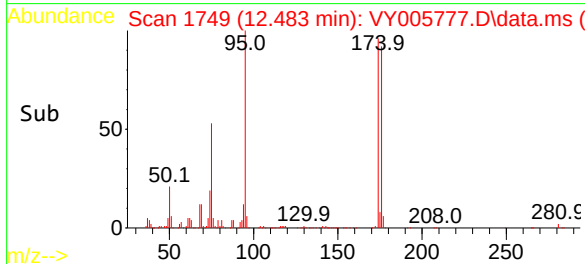
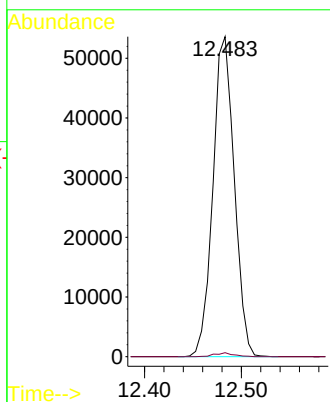
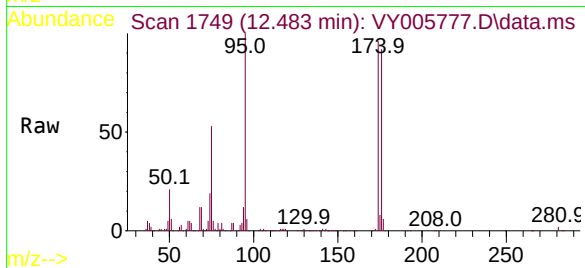




#76
1,2,3-Trichloropropane
Concen: 43.810 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY005777.D
Acq: 19 Aug 2021 18:17

Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion: 75 Resp: 82241
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 88.316 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY005777.D
Acq: 19 Aug 2021 18:17

Tgt Ion: 75 Resp: 82241
Ion Ratio Lower Upper
75 100
53 0.0 76.7 115.1#
89 0.1 38.4 57.6#

