

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081921\
 Data File : VY005761.D
 Acq On : 19 Aug 2021 12:06
 Operator : SY/MD
 Sample : M3428-10
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 20 06:54:45 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)

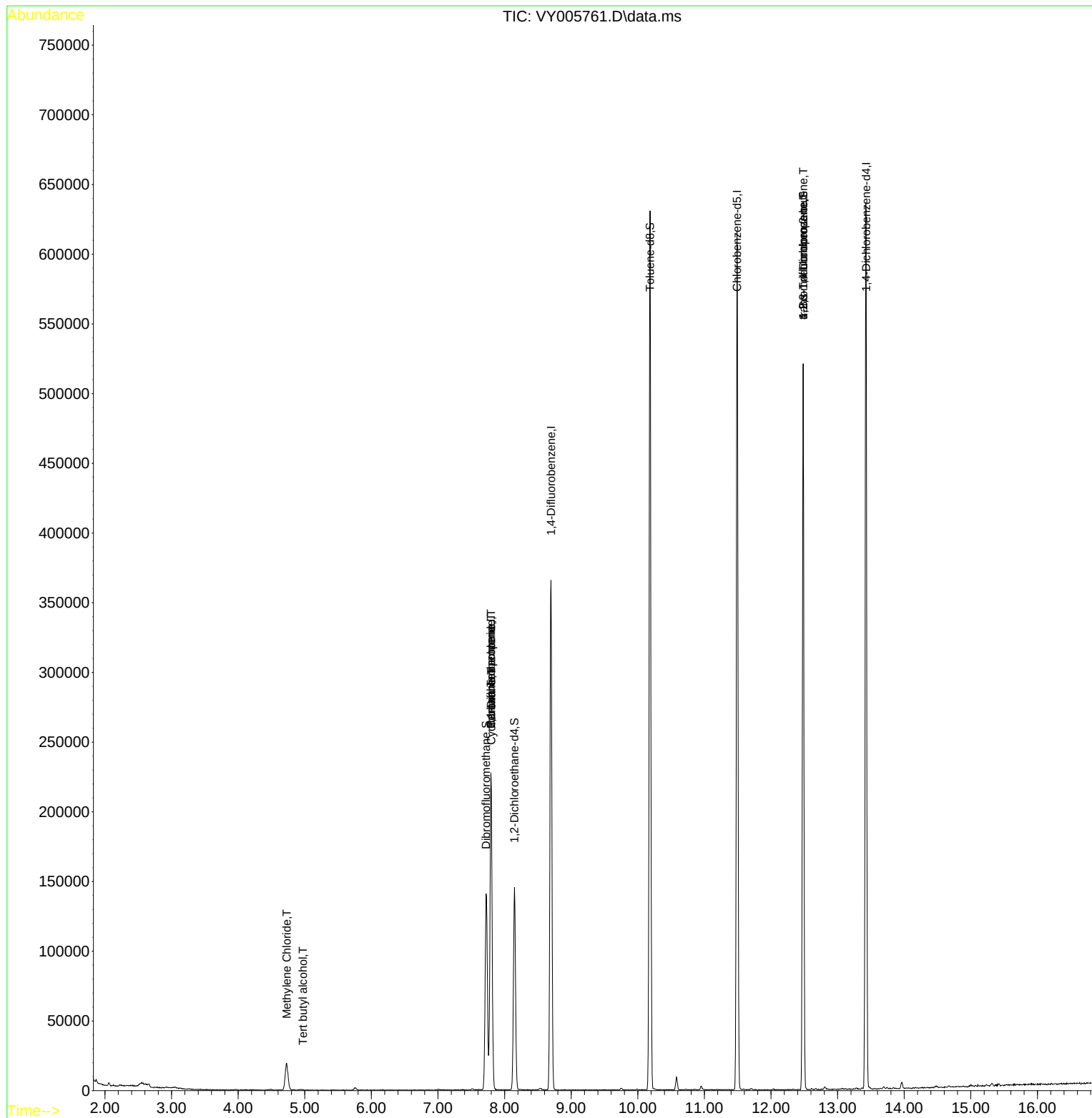
Internal Standards						
1) Pentafluorobenzene	7.795	168	180806	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	312915	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	327048	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	168119	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	116368	63.582	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 127.160%			
35) Dibromofluoromethane	7.722	113	94821	54.124	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 108.240%			
50) Toluene-d8	10.185	98	406046	55.263	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 110.520%			
62) 4-Bromofluorobenzene	12.483	95	143345	58.914	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 117.820%			
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.972	59	189	1.045	ug/l #	73
20) Methylene Chloride	4.729	84	14022	1.823	ug/l	93
31) Cyclohexane	7.801	56	3698	1.178	ug/l #	22
36) 1,1-Dichloropropene	7.795	75	12837	4.374	ug/l #	50
38) Carbon Tetrachloride	7.795	117	16701	5.236	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	78624	45.129	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	78624	90.975	ug/l #	11

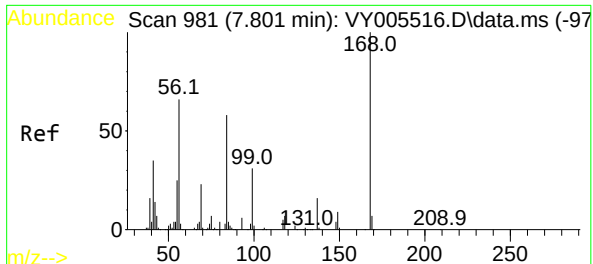
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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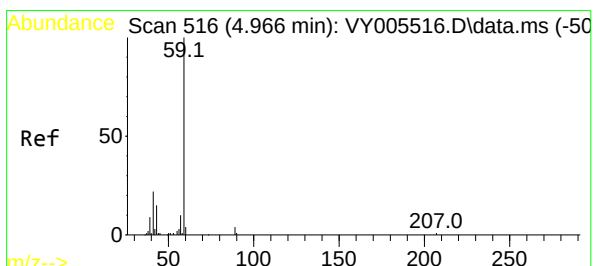
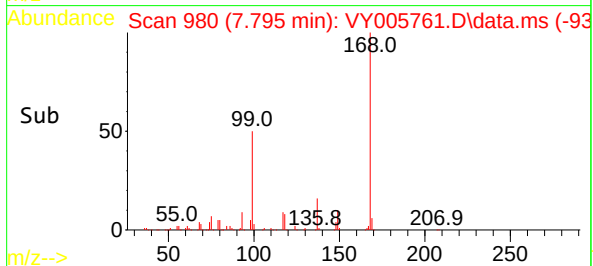
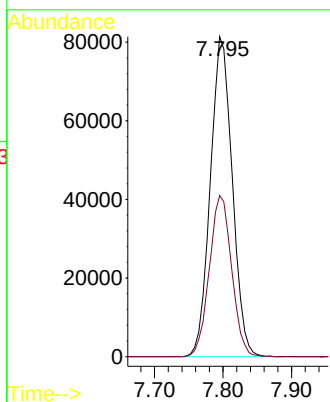
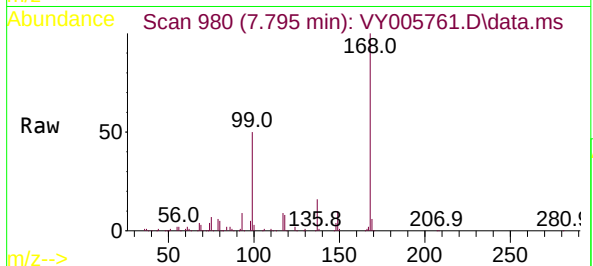




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005761.D
Acq: 19 Aug 2021 12:06

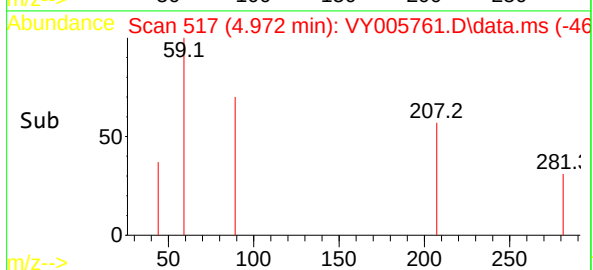
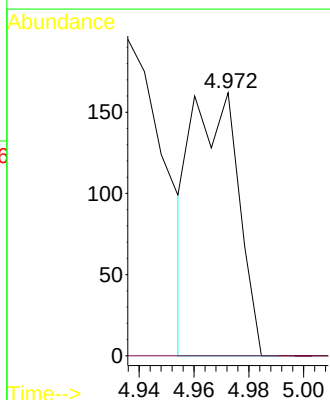
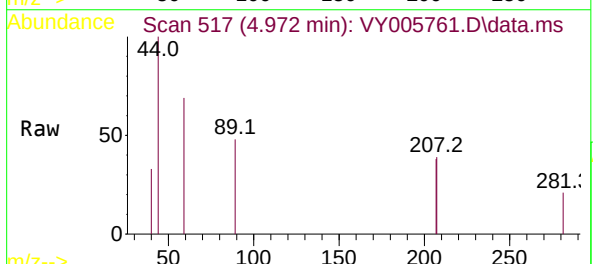
Instrument :
MSVOA_Y
ClientSampleId :

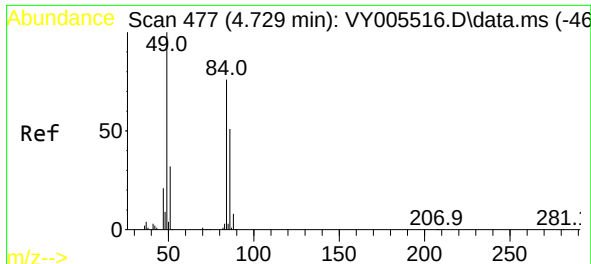
Tgt Ion:168 Resp: 180806
Ion Ratio Lower Upper
168 100
99 50.4 38.9 58.3



#11
Tert butyl alcohol
Concen: 1.045 ug/l
RT: 4.972 min Scan# 517
Delta R.T. 0.006 min
Lab File: VY005761.D
Acq: 19 Aug 2021 12:06

Tgt Ion: 59 Resp: 189
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#





#20

Methylene Chloride

Concen: 1.823 ug/l

RT: 4.729 min Scan# 477

Delta R.T. -0.000 min

Lab File: VY005761.D

Acq: 19 Aug 2021 12:06

Tgt Ion: 84 Resp: 14022

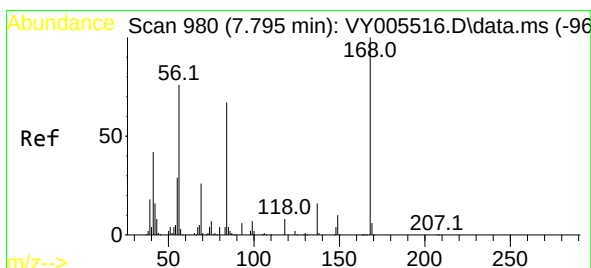
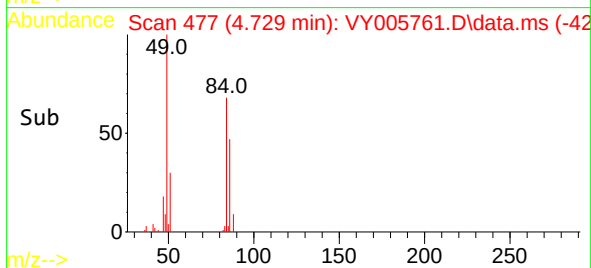
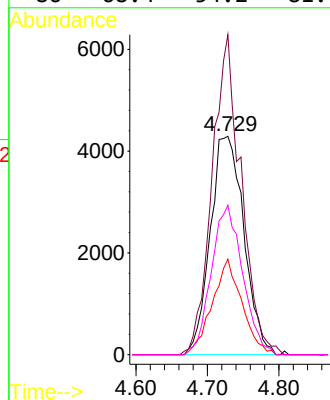
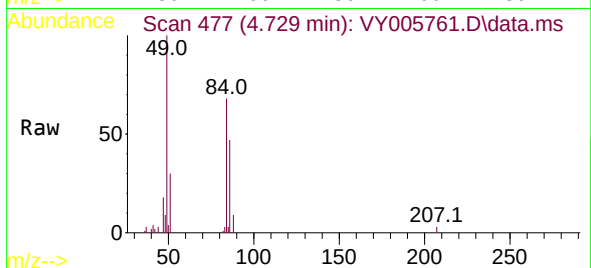
Ion Ratio Lower Upper

84 100

49 146.5 105.8 158.6

51 43.7 33.4 50.2

86 68.4 54.2 81.4



#31

Cyclohexane

Concen: 1.178 ug/l

RT: 7.801 min Scan# 981

Delta R.T. 0.006 min

Lab File: VY005761.D

Acq: 19 Aug 2021 12:06

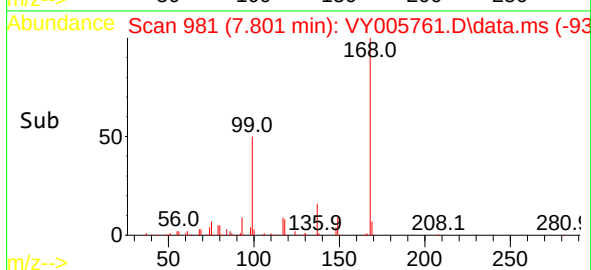
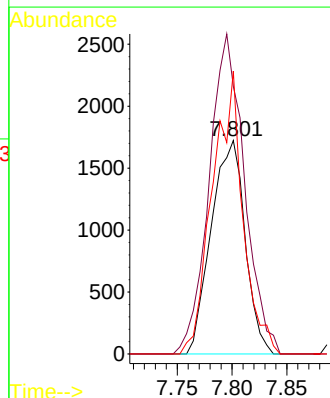
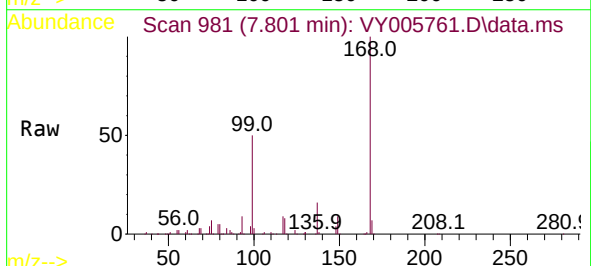
Tgt Ion: 56 Resp: 3698

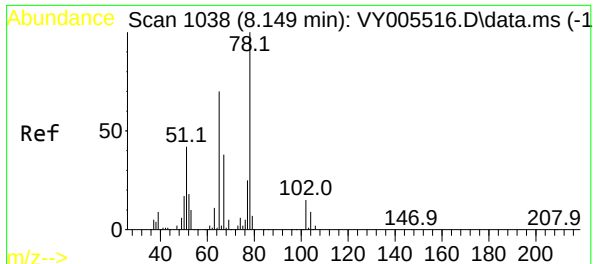
Ion Ratio Lower Upper

56 100

69 125.4 27.7 41.5#

84 132.5 70.9 106.3#

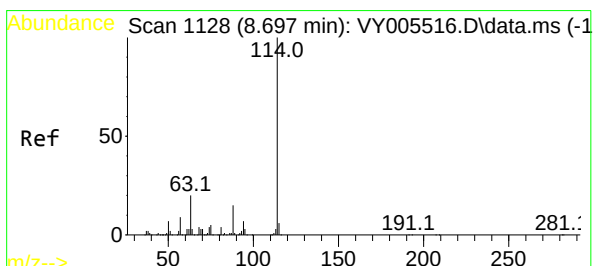
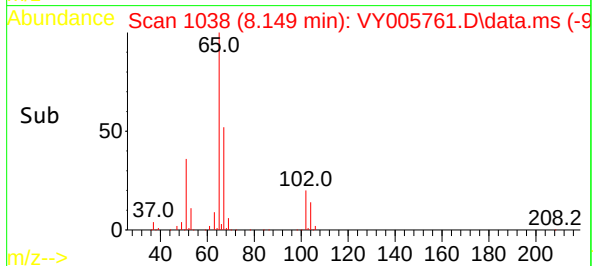
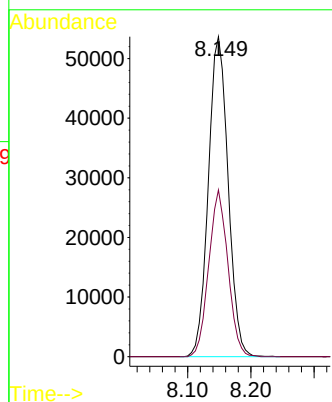
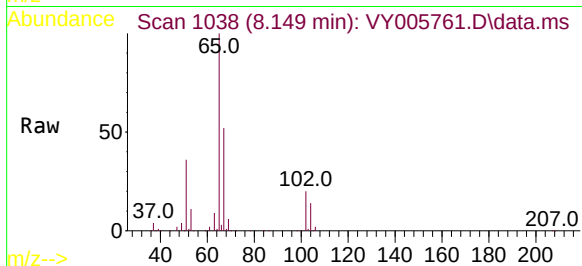




#33
1,2-Dichloroethane-d4
Concen: 63.582 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005761.D
Acq: 19 Aug 2021 12:06

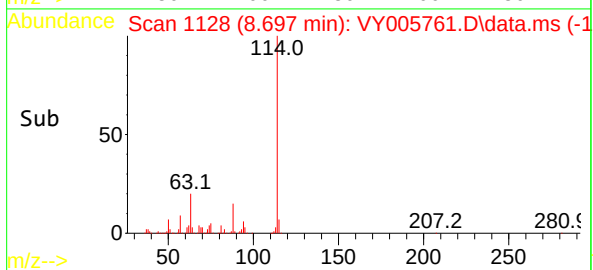
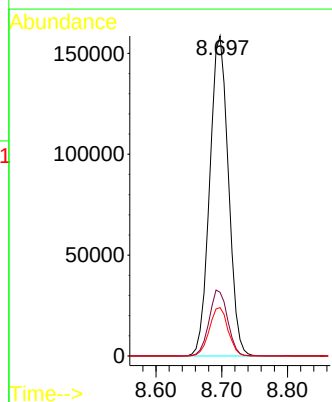
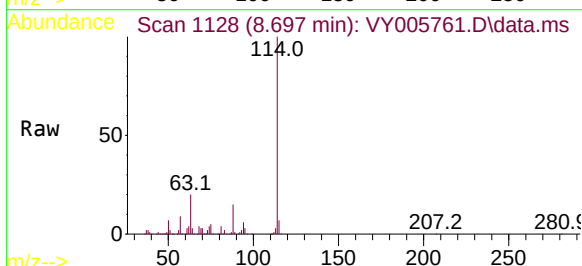
Instrument :
MSVOA_Y
ClientSampleId :

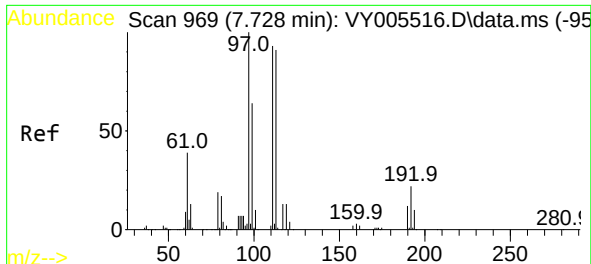
Tgt Ion: 65 Resp: 116368
Ion Ratio Lower Upper
65 100
67 50.6 0.0 103.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005761.D
Acq: 19 Aug 2021 12:06

Tgt Ion: 114 Resp: 312915
Ion Ratio Lower Upper
114 100
63 19.9 0.0 39.2
88 15.1 0.0 30.8

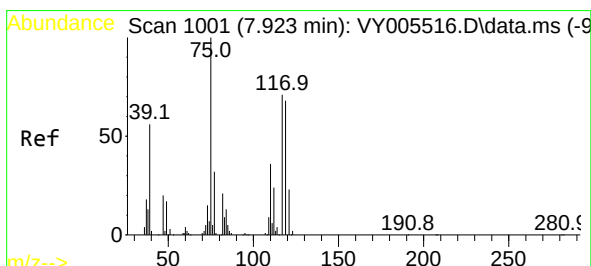
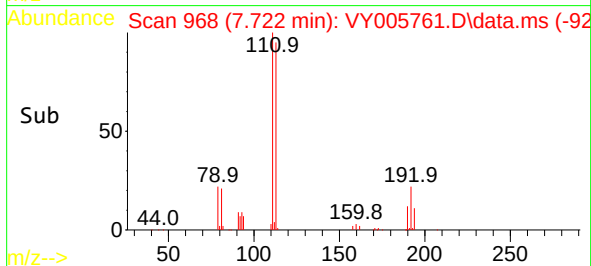
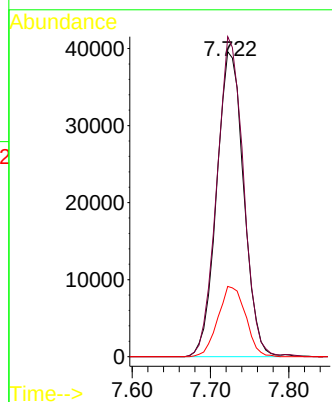
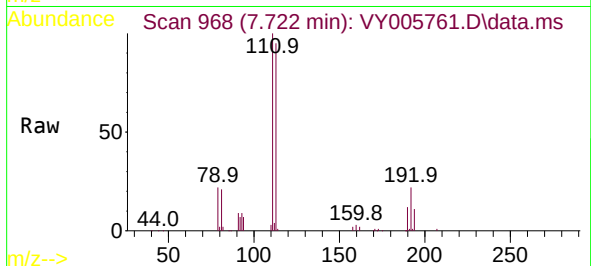




#35
Dibromofluoromethane
Concen: 54.124 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY005761.D
Acq: 19 Aug 2021 12:06

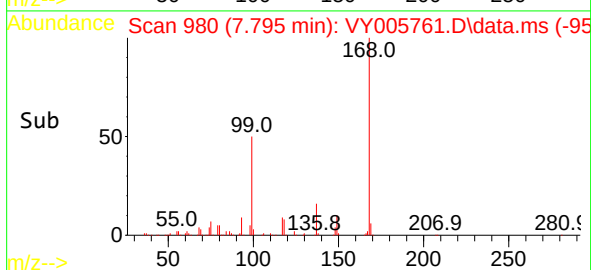
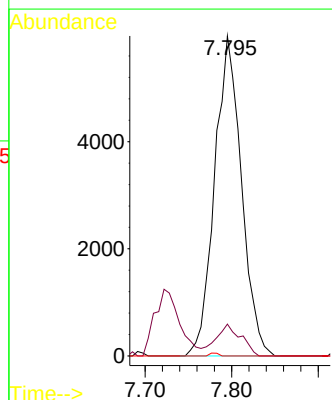
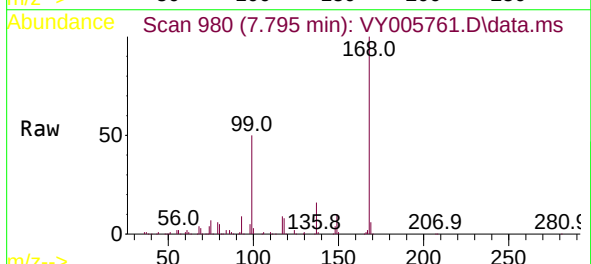
Instrument :
MSVOA_Y
ClientSampleId :

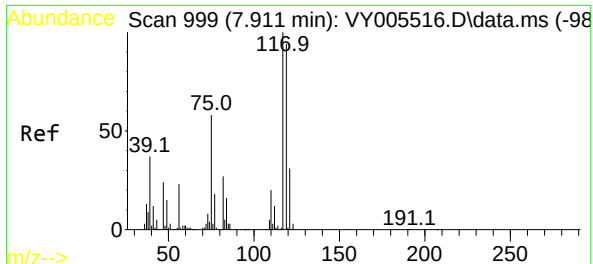
Tgt Ion:113 Resp: 94821
Ion Ratio Lower Upper
113 100
111 103.2 81.9 122.9
192 23.5 19.2 28.8



#36
1,1-Dichloropropene
Concen: 4.374 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY005761.D
Acq: 19 Aug 2021 12:06

Tgt Ion: 75 Resp: 12837
Ion Ratio Lower Upper
75 100
110 9.3 18.1 54.1#
77 0.3 25.1 37.7#

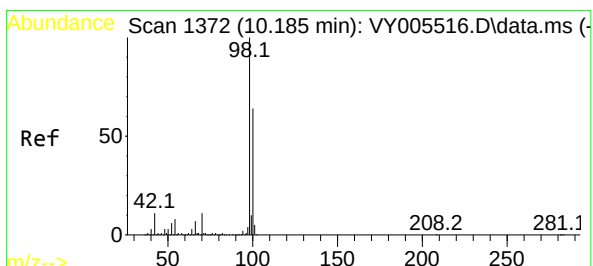
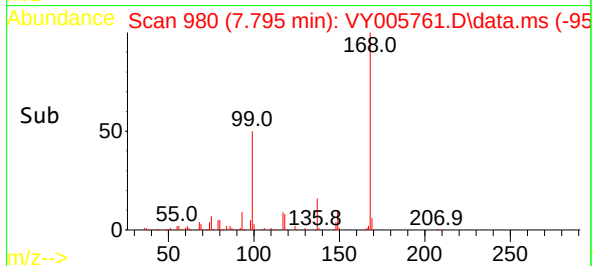
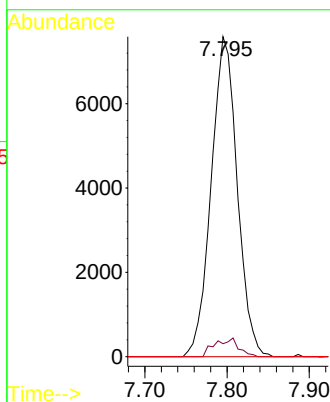
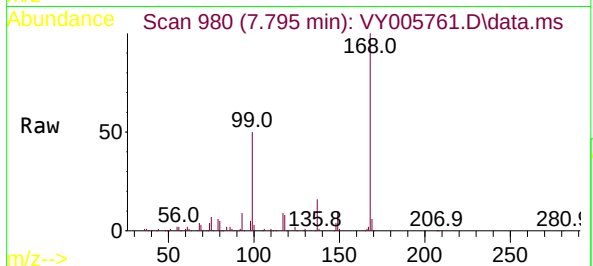




#38
Carbon Tetrachloride
Concen: 5.236 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY005761.D
Acq: 19 Aug 2021 12:06

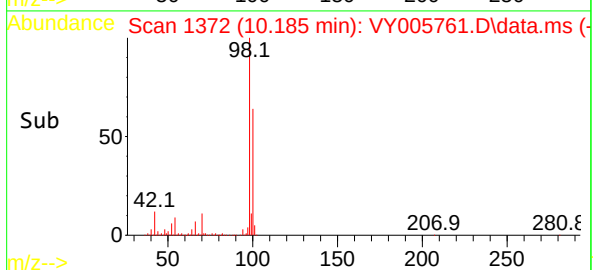
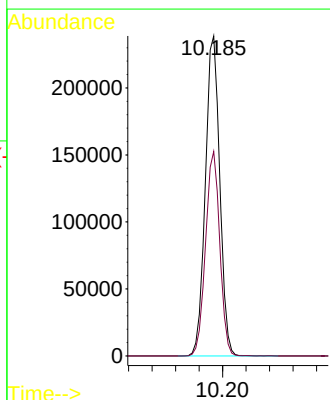
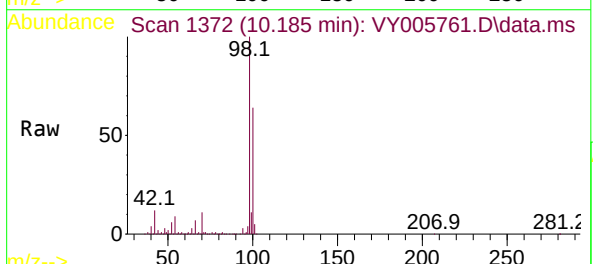
Instrument :
MSVOA_Y
ClientSampleId :

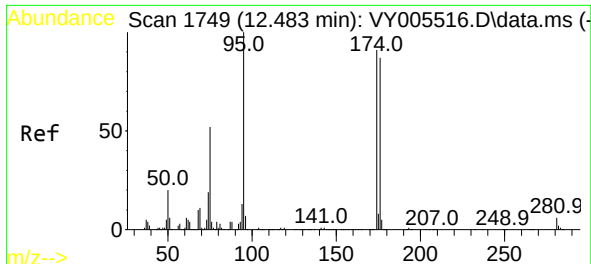
Tgt Ion:117 Resp: 16701
Ion Ratio Lower Upper
117 100
119 4.0 75.4 113.0#
121 0.0 25.1 37.7#



#50
Toluene-d8
Concen: 55.263 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005761.D
Acq: 19 Aug 2021 12:06

Tgt Ion: 98 Resp: 406046
Ion Ratio Lower Upper
98 100
100 63.1 51.3 76.9

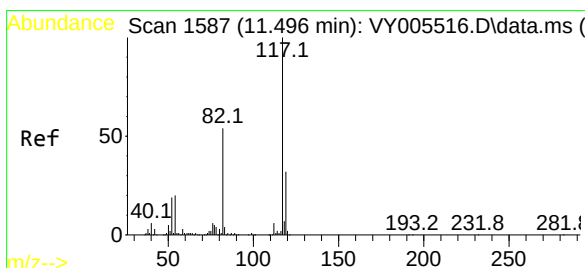
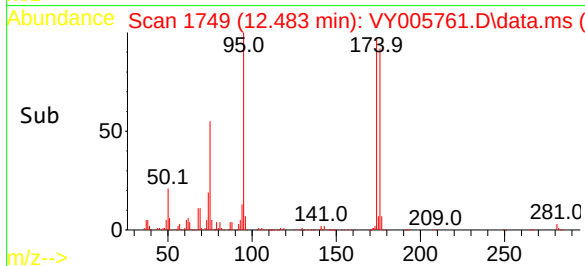
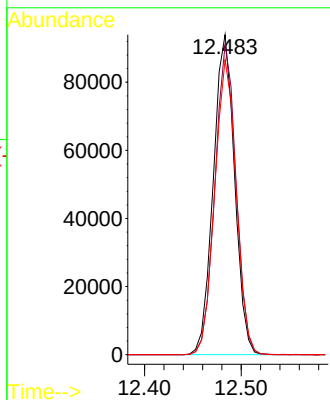
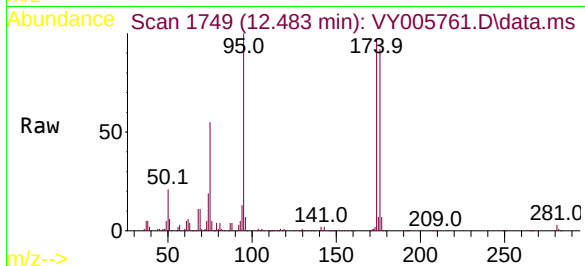




#62
4-Bromofluorobenzene
Concen: 58.914 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005761.D
Acq: 19 Aug 2021 12:06

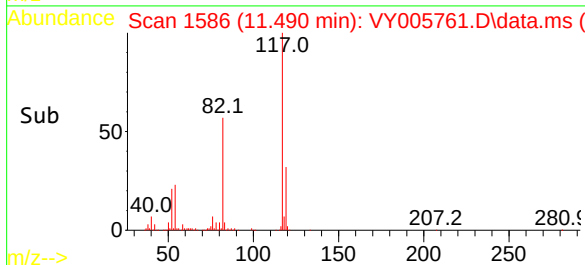
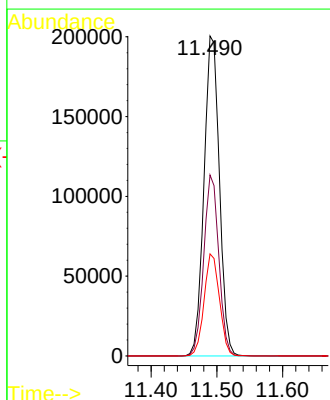
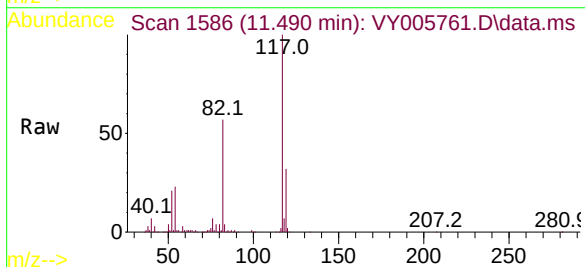
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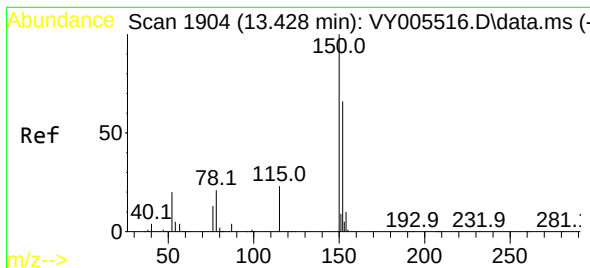
Tgt Ion: 95 Resp: 143345
Ion Ratio Lower Upper
95 100
174 96.2 0.0 191.4
176 92.9 0.0 183.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY005761.D
Acq: 19 Aug 2021 12:06

Tgt Ion: 117 Resp: 327048
Ion Ratio Lower Upper
117 100
82 56.6 43.5 65.3
119 31.9 25.5 38.3

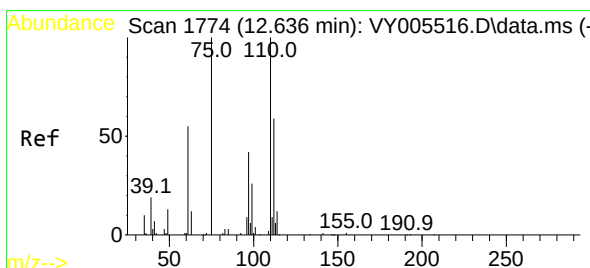
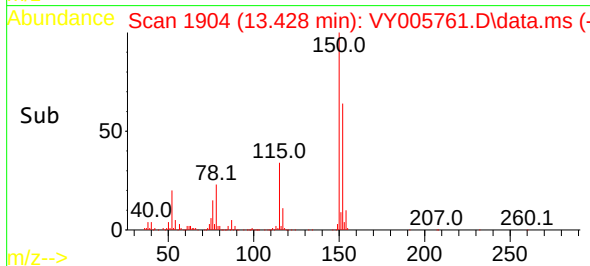
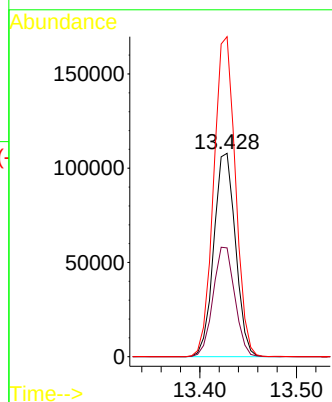
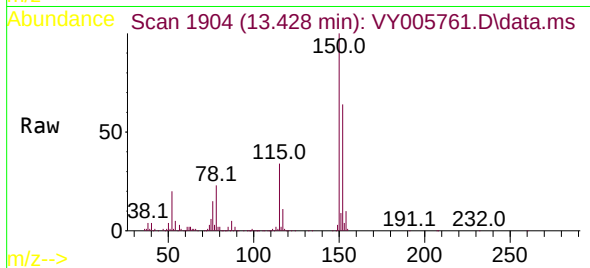




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY005761.D
 Acq: 19 Aug 2021 12:06

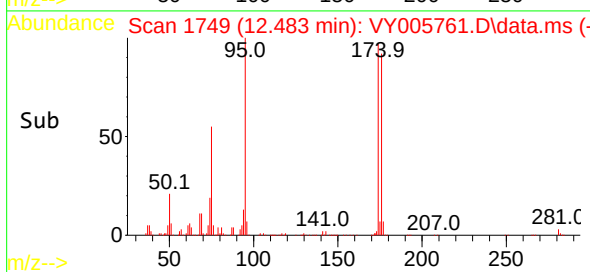
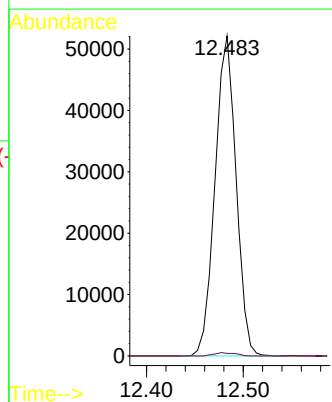
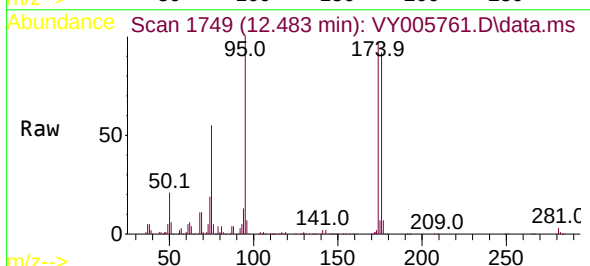
Instrument :
 MSVOA_Y
 ClientSampled :

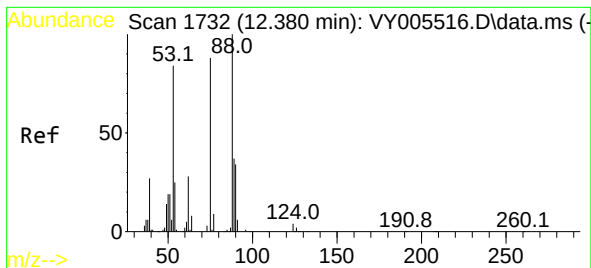
Tgt Ion:152 Resp: 168119
 Ion Ratio Lower Upper
 152 100
 115 53.9 27.3 81.9
 150 157.4 0.0 350.2



#76
 1,2,3-Trichloropropane
 Concen: 45.129 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY005761.D
 Acq: 19 Aug 2021 12:06

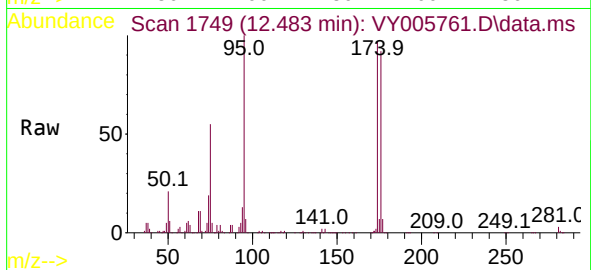
Tgt Ion: 75 Resp: 78624
 Ion Ratio Lower Upper
 75 100
 77 1.0 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 90.975 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY005761.D
 Acq: 19 Aug 2021 12:06

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 78624
 Ion Ratio Lower Upper
 75 100
 53 0.0 76.7 115.1#
 89 0.0 38.4 57.6#

