

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081821\
 Data File : VY005744.D
 Acq On : 18 Aug 2021 16:54
 Operator : SY/MD
 Sample : M3428-13
 Misc : 5.05G/5ML/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 19 05:18:17 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)

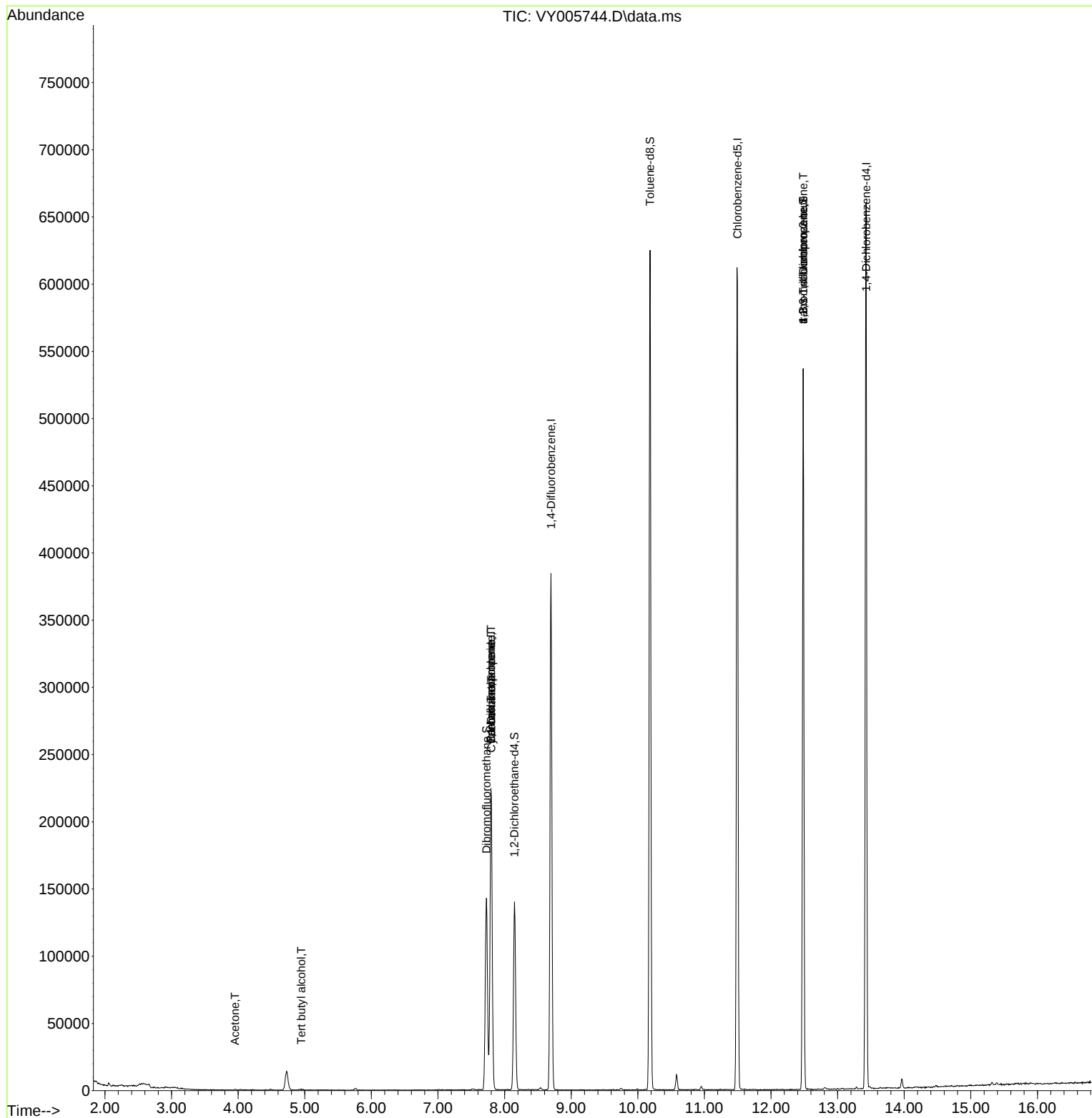
Internal Standards						
1) Pentafluorobenzene	7.795	168	181867	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	316806	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	330087	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	167052	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	113599	61.707	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 123.420%	
35) Dibromofluoromethane	7.728	113	96065	54.160	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.320%	
50) Toluene-d8	10.185	98	411218	55.280	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 110.560%	
62) 4-Bromofluorobenzene	12.483	95	143782	58.368	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 116.740%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.948	59	634	3.484	ug/l #	73
16) Acetone	3.954	43	816	1.758	ug/l	99
20) Methylene Chloride	4.722	84	9886	Below Cal		94
31) Cyclohexane	7.801	56	3649	1.156	ug/l #	3
36) 1,1-Dichloropropene	7.795	75	12973	4.366	ug/l #	50
38) Carbon Tetrachloride	7.795	117	16526	5.117	ug/l #	18
76) 1,2,3-Trichloropropane	12.483	75	80387	46.436	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	80387	93.609	ug/l #	11

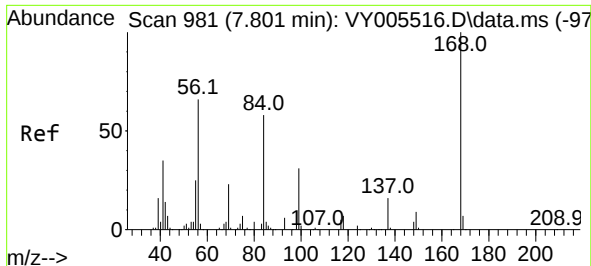
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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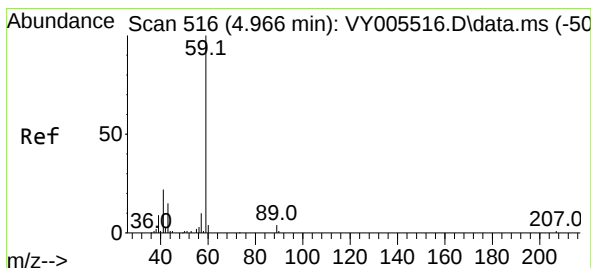
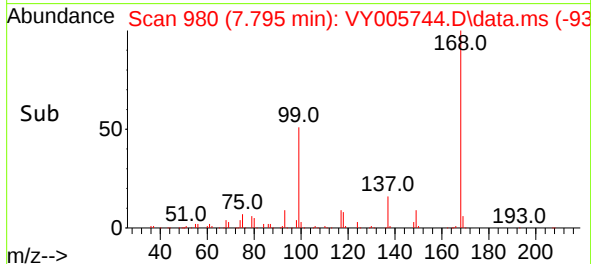
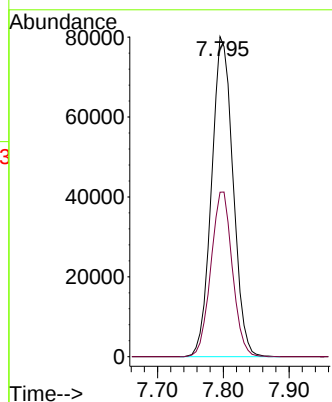
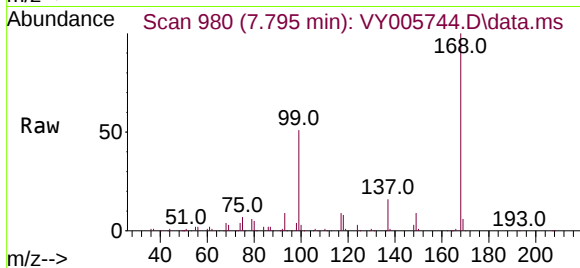




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005744.D
Acq: 18 Aug 2021 16:54

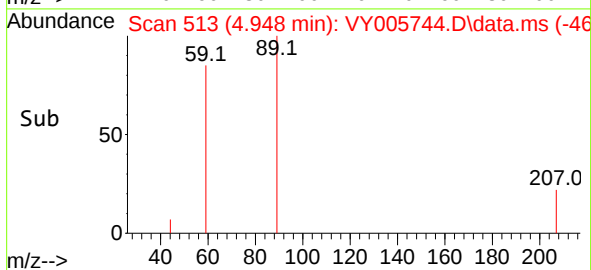
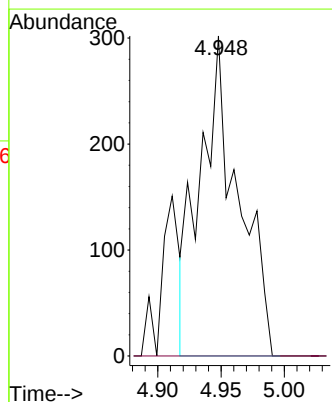
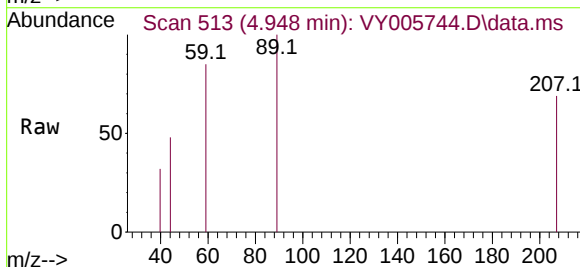
Instrument :
MSVOA_Y
ClientSampled :

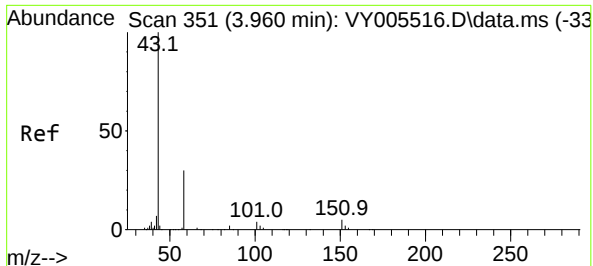
Tgt Ion:168 Resp: 181867
Ion Ratio Lower Upper
168 100
99 51.4 38.9 58.3



#11
Tert butyl alcohol
Concen: 3.484 ug/l
RT: 4.948 min Scan# 513
Delta R.T. -0.018 min
Lab File: VY005744.D
Acq: 18 Aug 2021 16:54

Tgt Ion: 59 Resp: 634
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

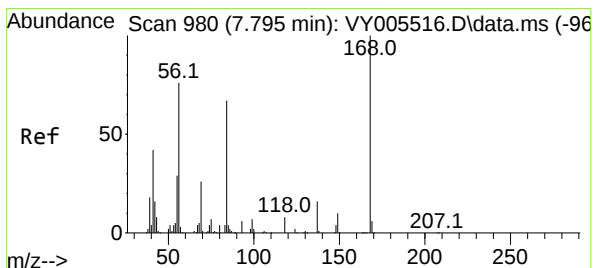
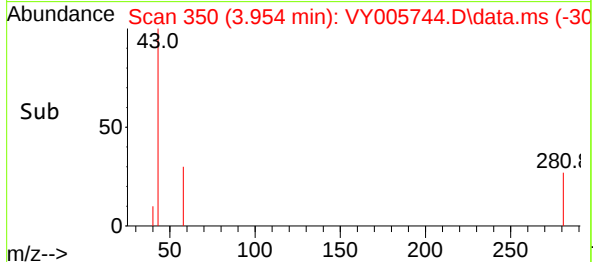
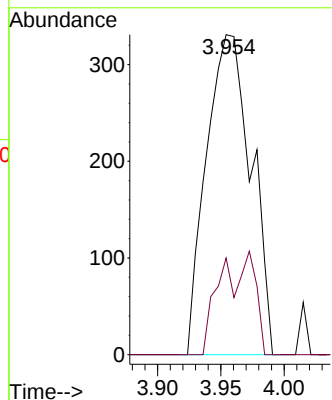
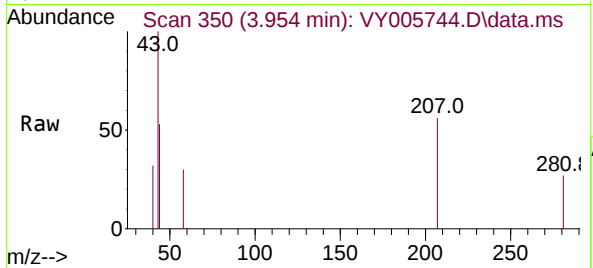




#16
Acetone
Concen: 1.758 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY005744.D
Acq: 18 Aug 2021 16:54

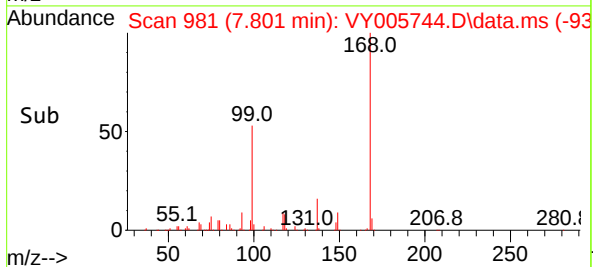
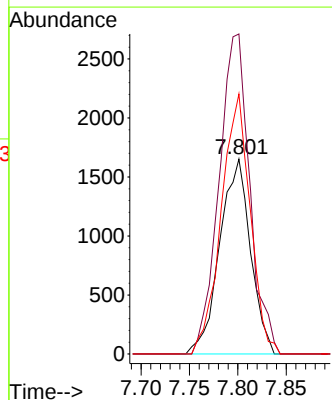
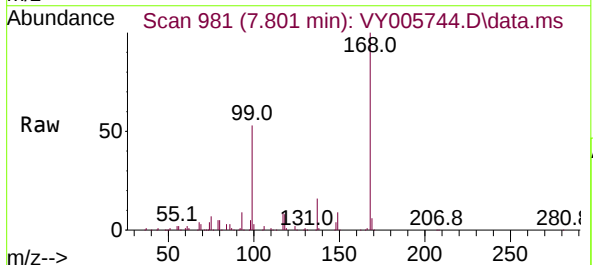
Instrument :
MSVOA_Y
ClientSampleId :

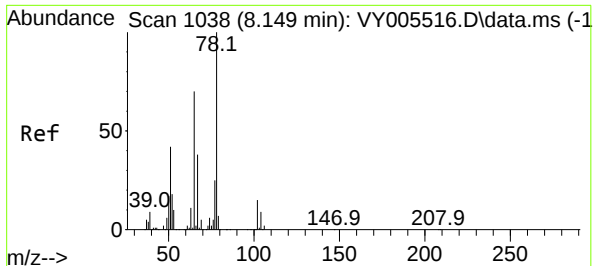
Tgt Ion: 43 Resp: 816
Ion Ratio Lower Upper
43 100
58 30.2 23.8 35.6



#31
Cyclohexane
Concen: 1.156 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY005744.D
Acq: 18 Aug 2021 16:54

Tgt Ion: 56 Resp: 3649
Ion Ratio Lower Upper
56 100
69 164.2 27.7 41.5#
84 133.4 70.9 106.3#

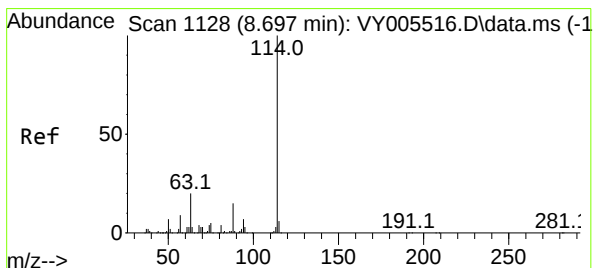
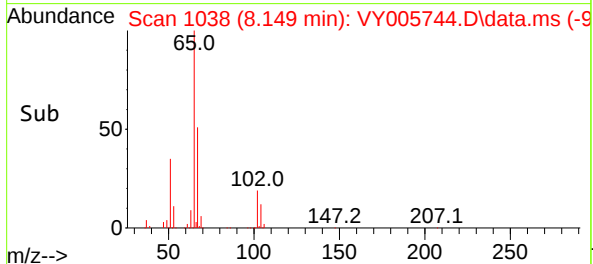
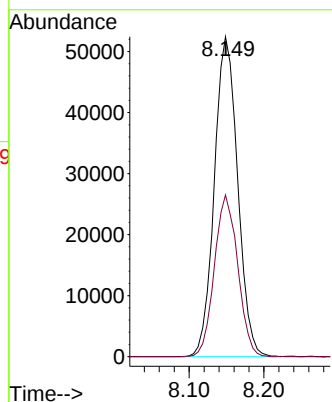
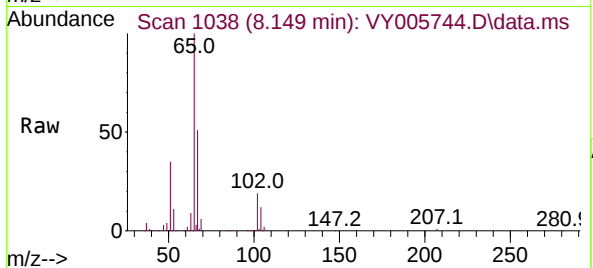




#33
1,2-Dichloroethane-d4
Concen: 61.707 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005744.D
Acq: 18 Aug 2021 16:54

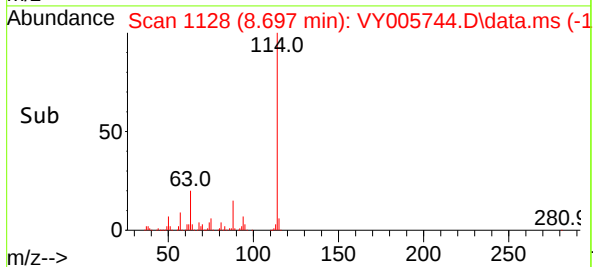
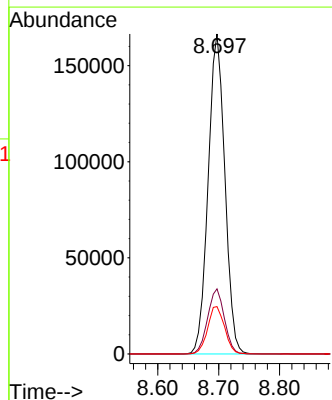
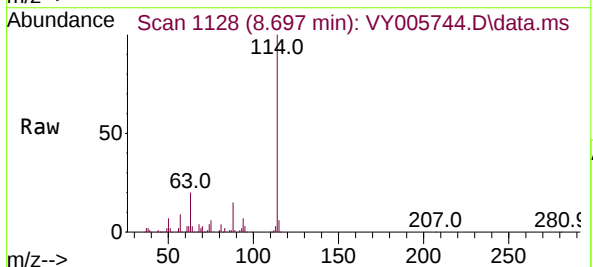
Instrument :
MSVOA_Y
ClientSampleId :

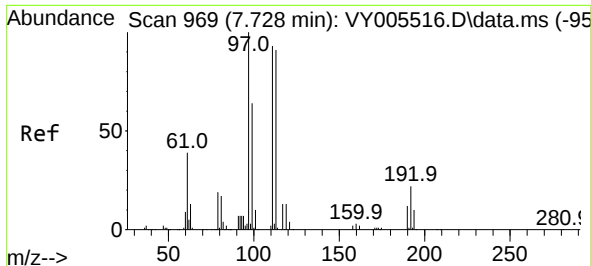
Tgt Ion: 65 Resp: 113599
Ion Ratio Lower Upper
65 100
67 50.5 0.0 103.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005744.D
Acq: 18 Aug 2021 16:54

Tgt Ion:114 Resp: 316806
Ion Ratio Lower Upper
114 100
63 20.4 0.0 39.2
88 14.8 0.0 30.8

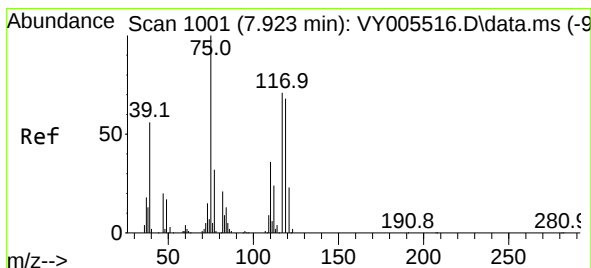
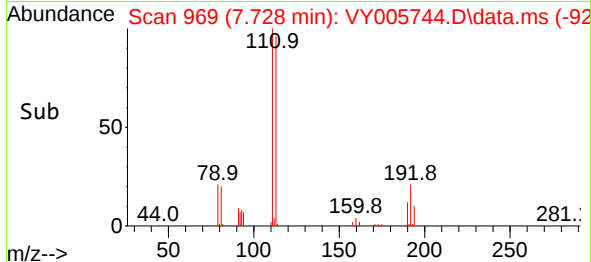
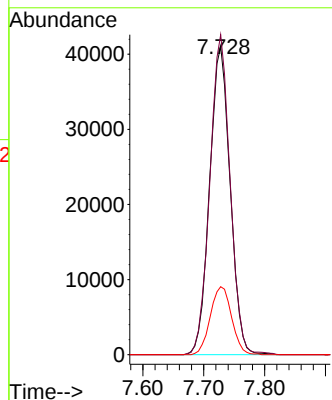
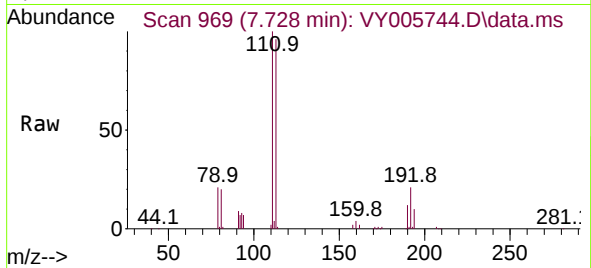




#35
Dibromofluoromethane
Concen: 54.160 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005744.D
Acq: 18 Aug 2021 16:54

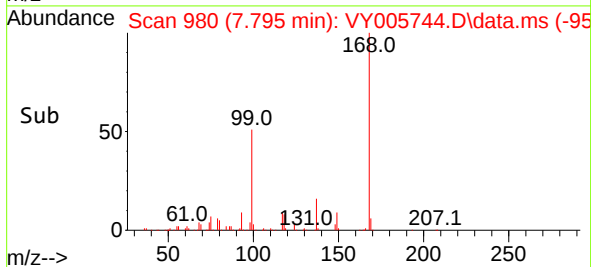
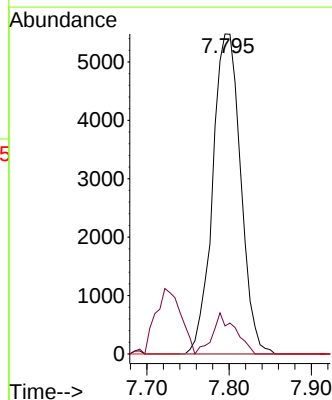
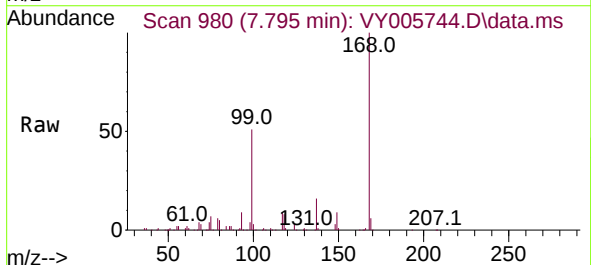
Instrument :
MSVOA_Y
ClientSampleId :

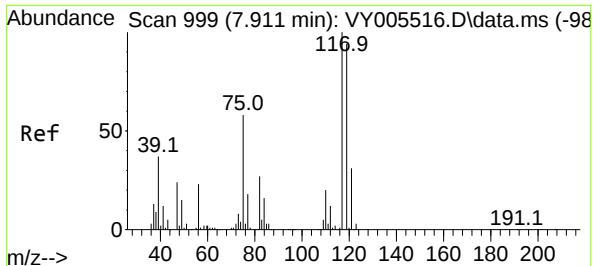
Tgt Ion:113 Resp: 96065
Ion Ratio Lower Upper
113 100
111 102.4 81.9 122.9
192 22.9 19.2 28.8



#36
1,1-Dichloropropene
Concen: 4.366 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY005744.D
Acq: 18 Aug 2021 16:54

Tgt Ion: 75 Resp: 12973
Ion Ratio Lower Upper
75 100
110 10.4 18.1 54.1#
77 0.0 25.1 37.7#

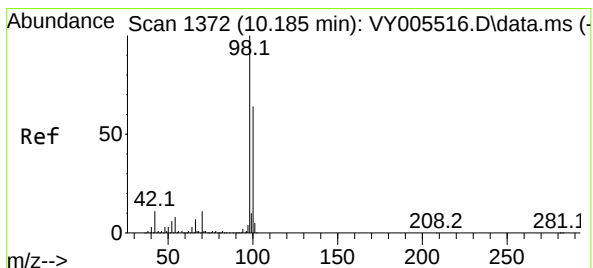
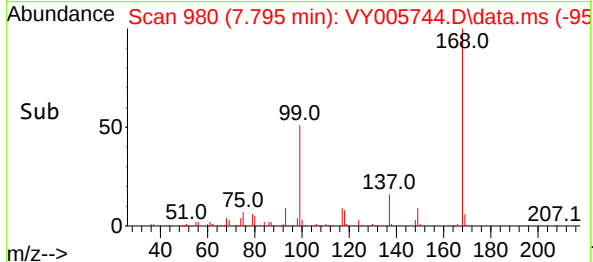
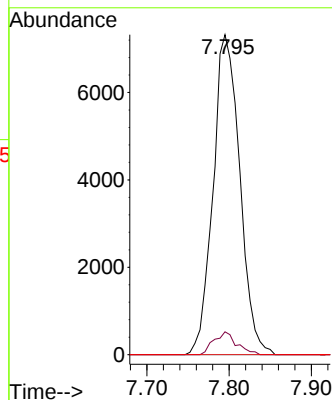
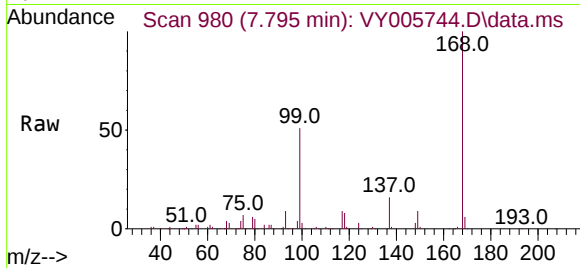




#38
Carbon Tetrachloride
Concen: 5.117 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY005744.D
Acq: 18 Aug 2021 16:54

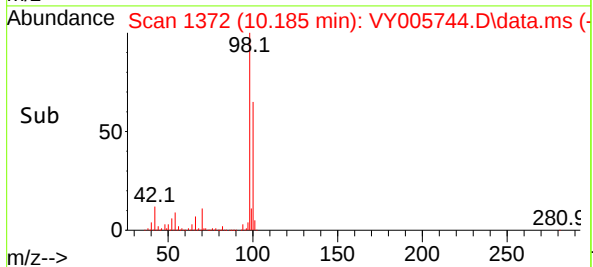
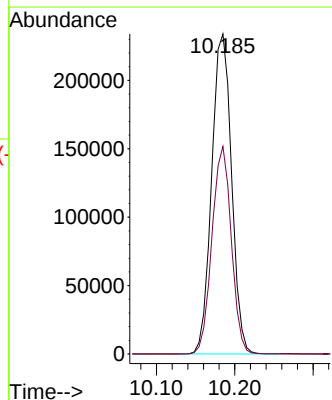
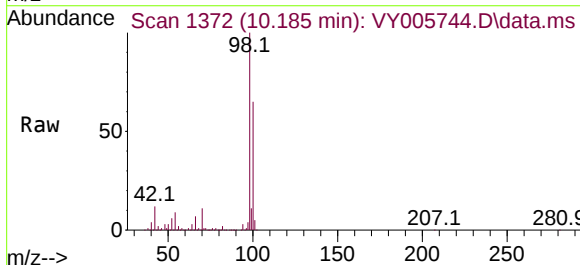
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ClientSampleId :

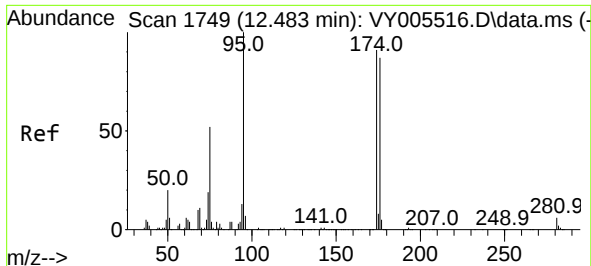
Tgt Ion:117 Resp: 16526
Ion Ratio Lower Upper
117 100
119 7.2 75.4 113.0#
121 0.0 25.1 37.7#



#50
Toluene-d8
Concen: 55.280 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005744.D
Acq: 18 Aug 2021 16:54

Tgt Ion: 98 Resp: 411218
Ion Ratio Lower Upper
98 100
100 63.2 51.3 76.9

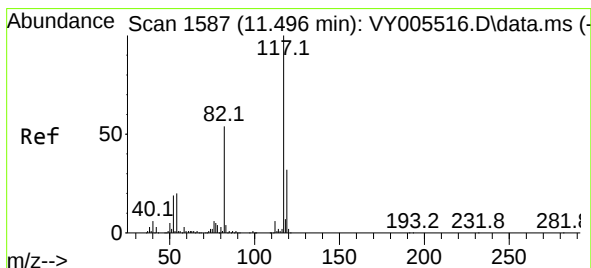
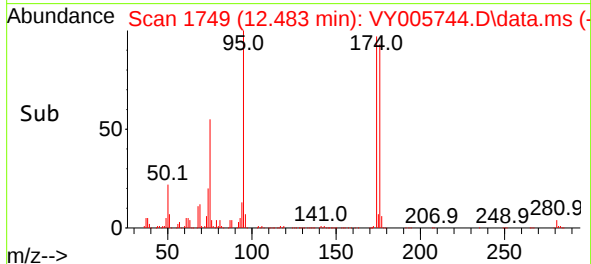
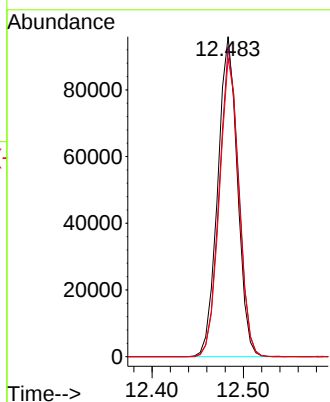
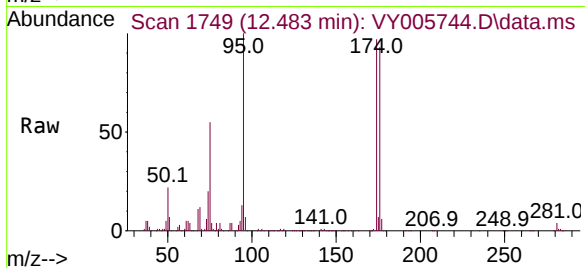




#62
4-Bromofluorobenzene
Concen: 58.368 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005744.D
Acq: 18 Aug 2021 16:54

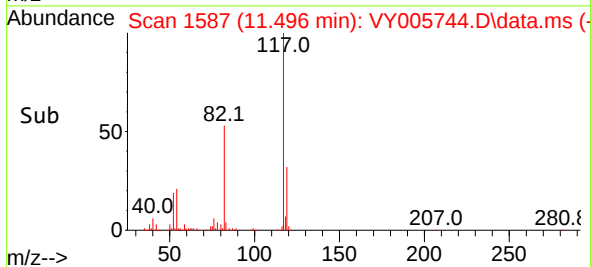
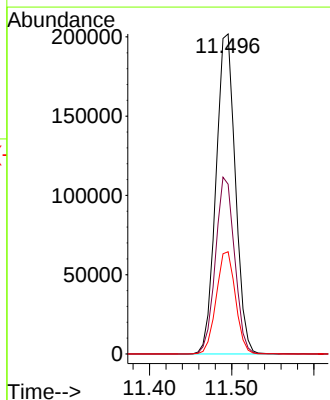
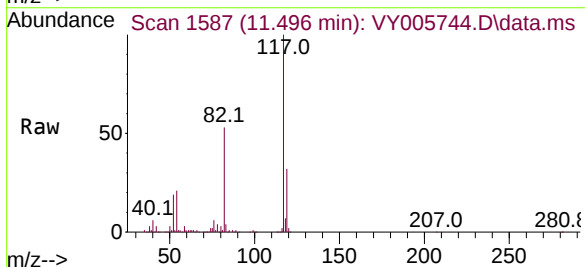
Instrument :
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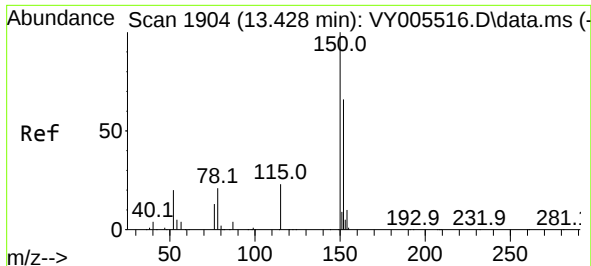
Tgt Ion:	95	Resp:	143782
Ion Ratio	Lower	Upper	
95	100		
174	95.6	0.0	191.4
176	92.3	0.0	183.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005744.D
Acq: 18 Aug 2021 16:54

Tgt Ion:	117	Resp:	330087
Ion Ratio	Lower	Upper	
117	100		
82	53.1	43.5	65.3
119	32.0	25.5	38.3

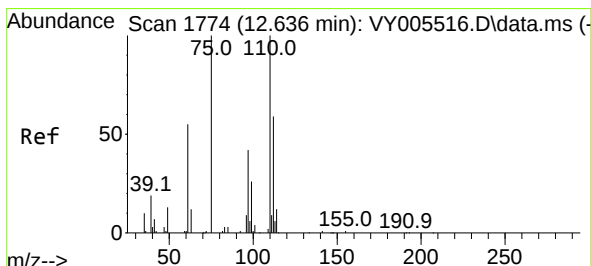
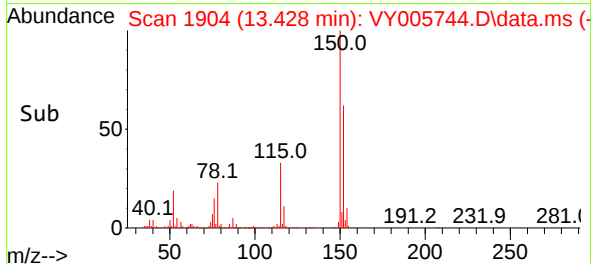
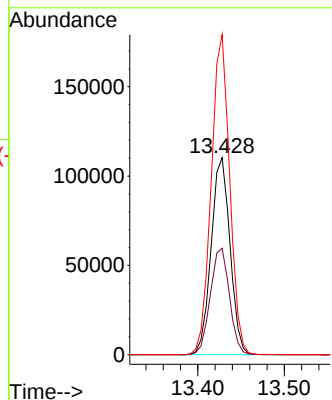
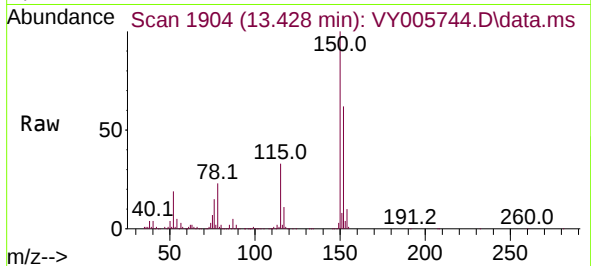




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005744.D
Acq: 18 Aug 2021 16:54

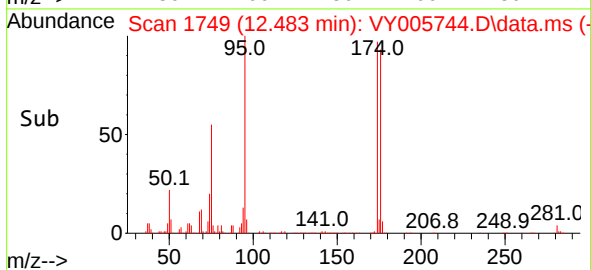
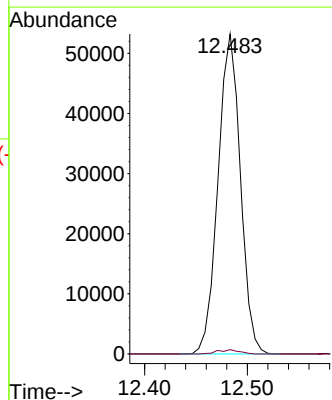
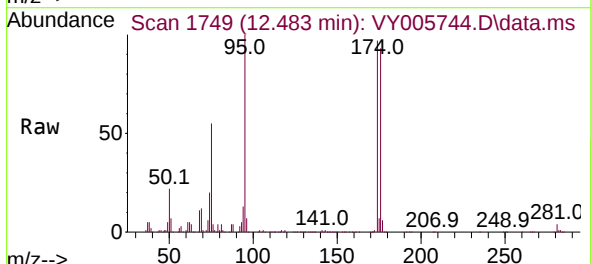
Instrument :
MSVOA_Y
ClientSampleId :

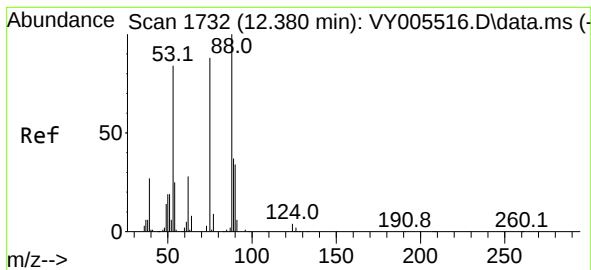
Tgt Ion:152 Resp: 167052
Ion Ratio Lower Upper
152 100
115 54.7 27.3 81.9
150 158.8 0.0 350.2



#76
1,2,3-Trichloropropane
Concen: 46.436 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY005744.D
Acq: 18 Aug 2021 16:54

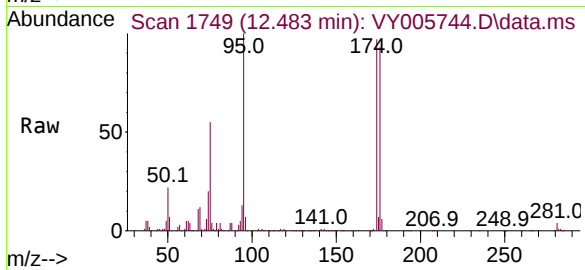
Tgt Ion: 75 Resp: 80387
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 93.609 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY005744.D
 Acq: 18 Aug 2021 16:54

Instrument :
 MSVOA_Y
 ClientSampleId :



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

