

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081921\
 Data File : VY005766.D
 Acq On : 19 Aug 2021 14:02
 Operator : SY/MD
 Sample : M3467-04
 Misc : 6.35G/5ML/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SAMPLE-10-(410.75)-VOC-GRAB

Quant Time: Aug 20 06:56:01 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)

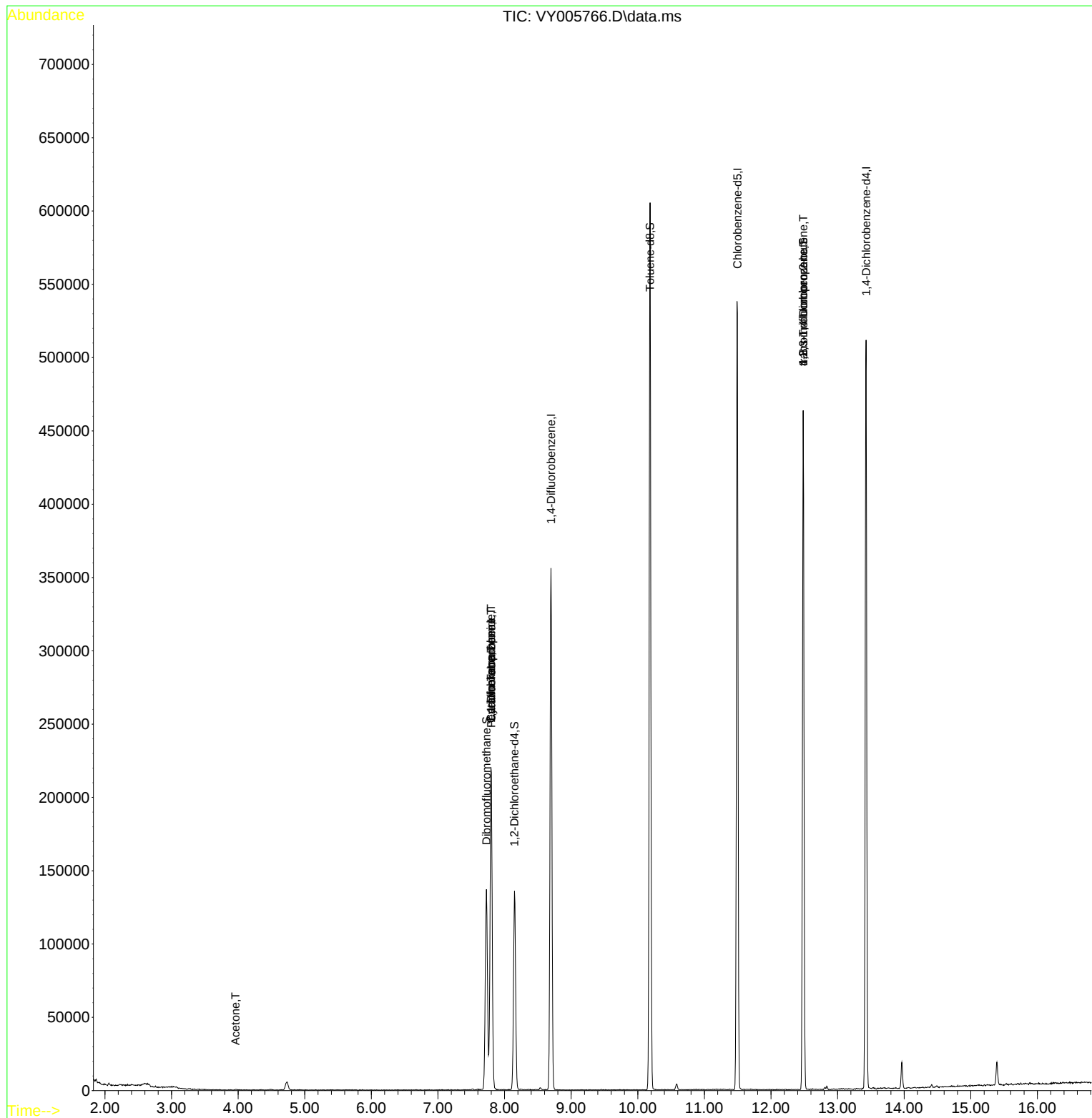
Internal Standards						
1) Pentafluorobenzene	7.801	168	177726	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	297345	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	295251	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	134762	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	110951	61.673	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 123.340%	
35) Dibromofluoromethane	7.728	113	90176	54.167	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.340%	
50) Toluene-d8	10.185	98	383257	54.893	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 109.780%	
62) 4-Bromofluorobenzene	12.483	95	121115	52.384	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 104.760%	
Target Compounds						
					Qvalue	
16) Acetone	3.960	43	604	1.332	ug/l #	45
20) Methylene Chloride	4.729	84	4131	Below Cal		90
31) Cyclohexane	7.795	56	3499	1.134	ug/l #	40
36) 1,1-Dichloropropene	7.795	75	13034	4.674	ug/l #	50
38) Carbon Tetrachloride	7.795	117	15298	5.047	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	67104	48.051	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	67104	96.864	ug/l #	11

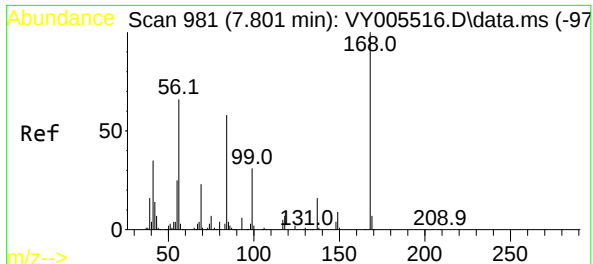
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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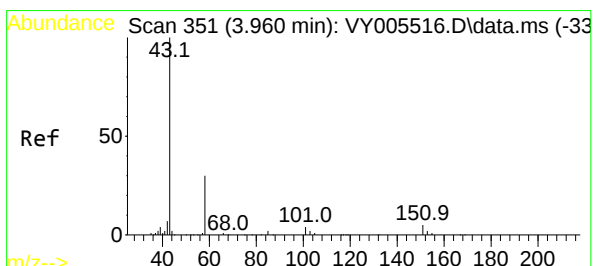
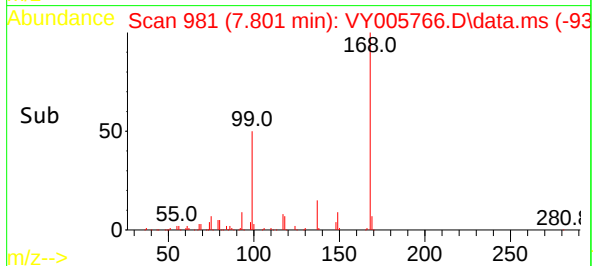
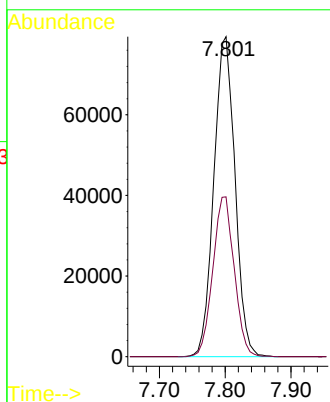
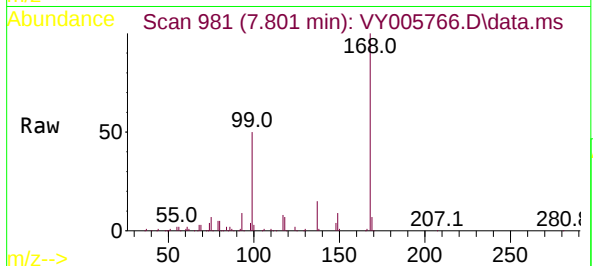




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005766.D
Acq: 19 Aug 2021 14:02

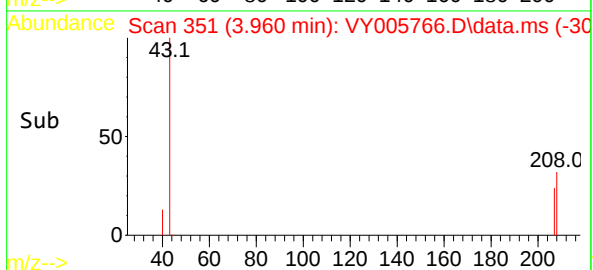
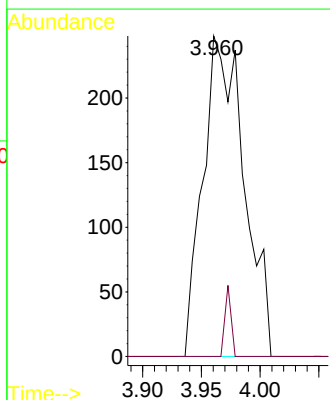
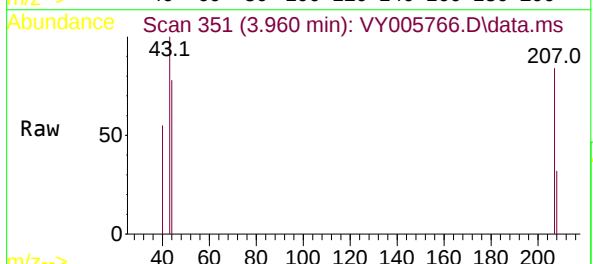
Instrument :
MSVOA_Y
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SAMPLE-10-(410.75)-VOC-GRAB

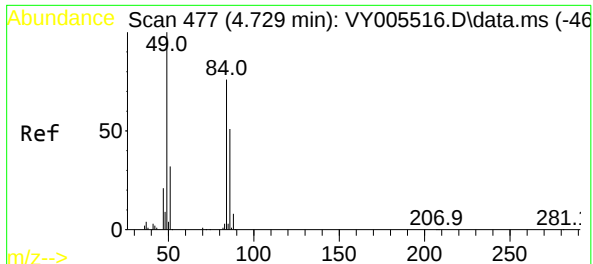
Tgt Ion:168 Resp: 177726
Ion Ratio Lower Upper
168 100
99 50.0 38.9 58.3



#16
Acetone
Concen: 1.332 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.000 min
Lab File: VY005766.D
Acq: 19 Aug 2021 14:02

Tgt Ion: 43 Resp: 604
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.6#



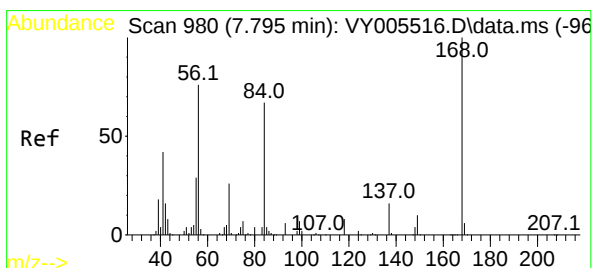
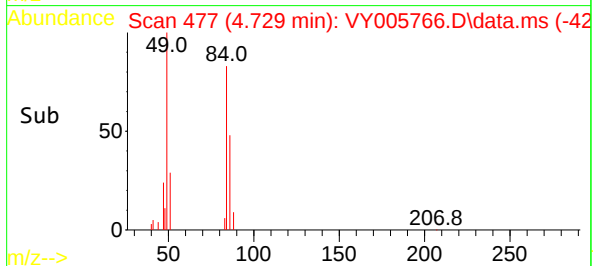
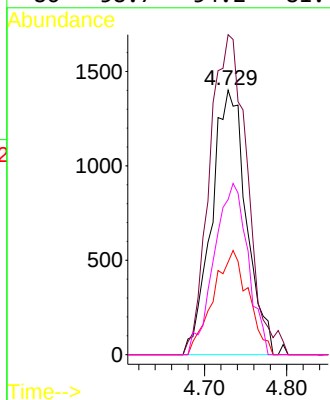
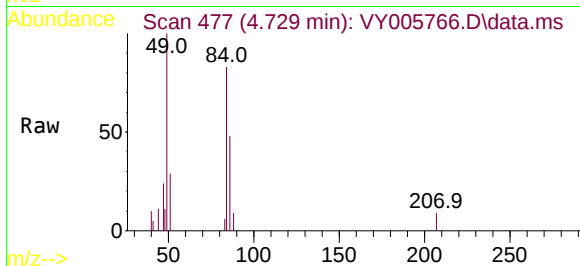


#20
Methylene Chloride
Concen: Below Cal
RT: 4.729 min Scan# 477
Delta R.T. -0.000 min
Lab File: VY005766.D
Acq: 19 Aug 2021 14:02

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Tgt Ion: 84 Resp: 4131

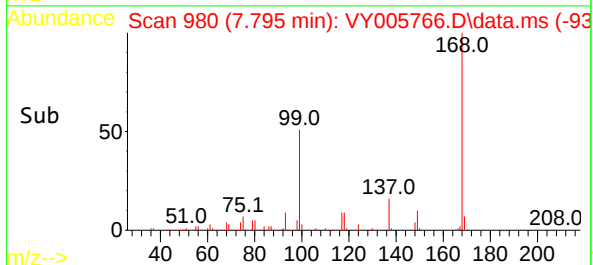
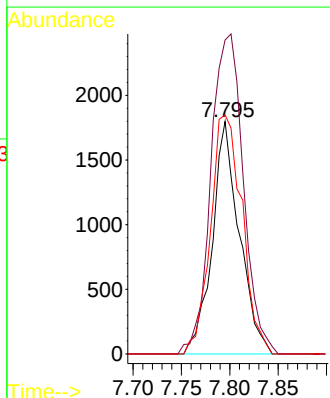
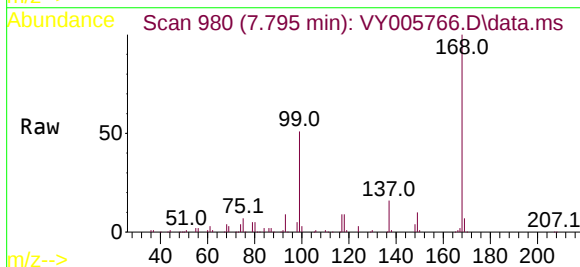
Ion	Ratio	Lower	Upper
84	100		
49	121.0	105.8	158.6
51	35.0	33.4	50.2
86	58.7	54.2	81.4

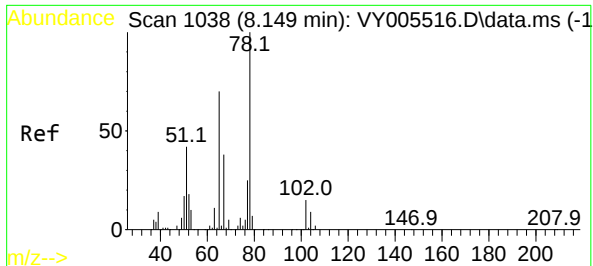


#31
Cyclohexane
Concen: 1.134 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY005766.D
Acq: 19 Aug 2021 14:02

Tgt Ion: 56 Resp: 3499

Ion	Ratio	Lower	Upper
56	100		
69	135.0	27.7	41.5#
84	102.8	70.9	106.3

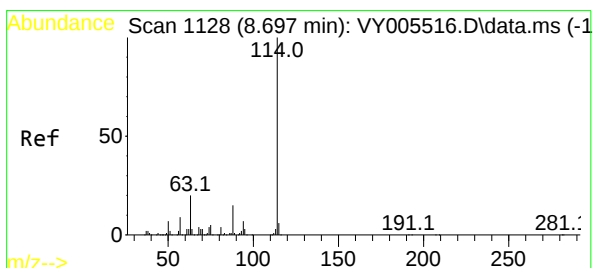
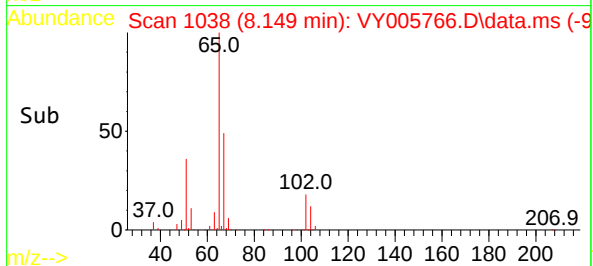
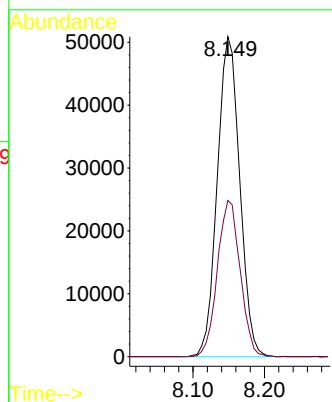
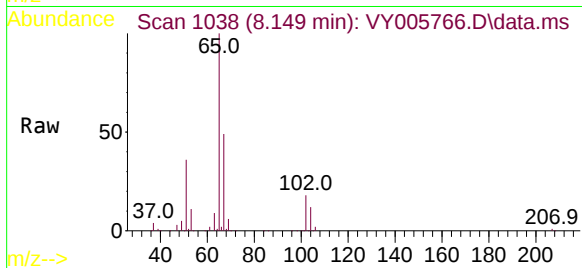




#33
1,2-Dichloroethane-d4
Concen: 61.673 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY005766.D
Acq: 19 Aug 2021 14:02

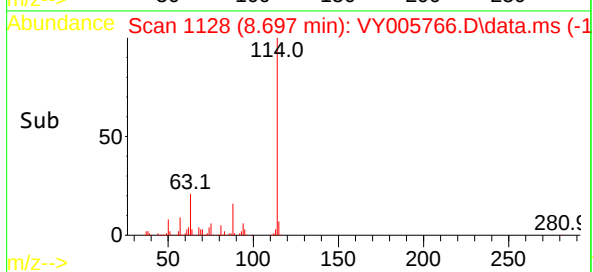
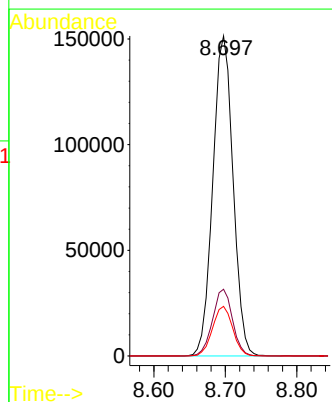
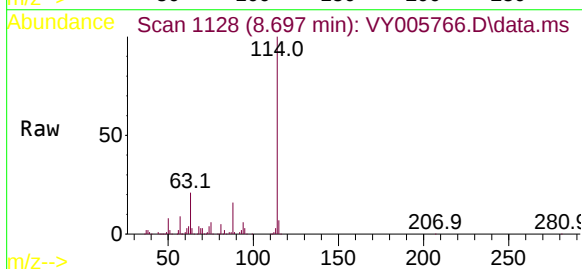
Instrument :
MSVOA_Y
ClientSampleId :
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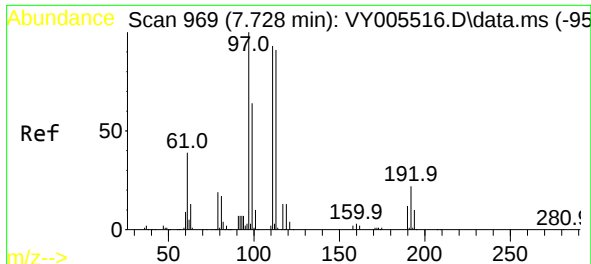
Tgt Ion: 65 Resp: 110951
Ion Ratio Lower Upper
65 100
67 49.5 0.0 103.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY005766.D
Acq: 19 Aug 2021 14:02

Tgt Ion: 114 Resp: 297345
Ion Ratio Lower Upper
114 100
63 20.8 0.0 39.2
88 15.5 0.0 30.8

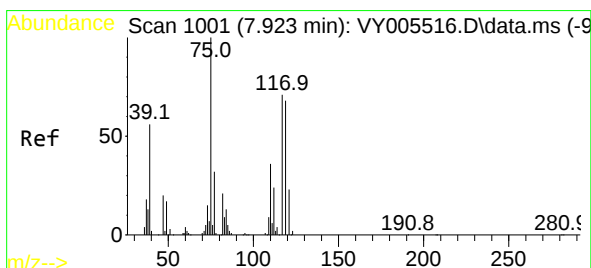
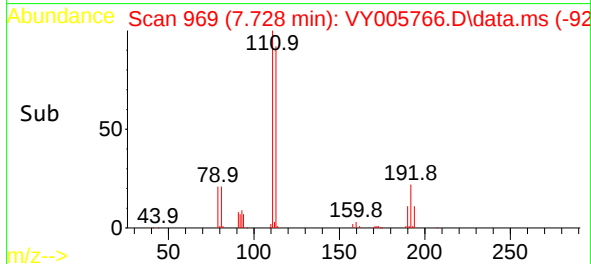
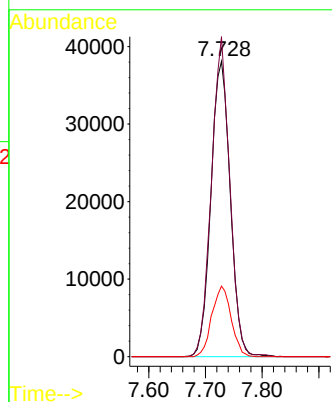
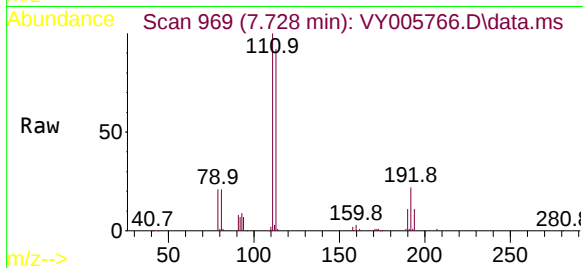




#35
Dibromofluoromethane
Concen: 54.167 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY005766.D
Acq: 19 Aug 2021 14:02

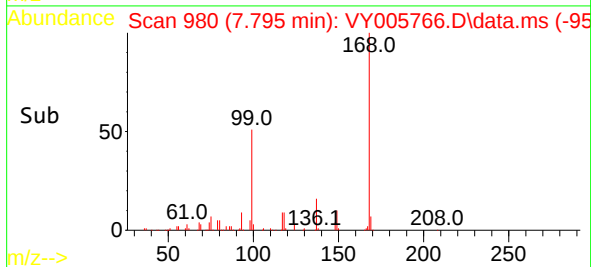
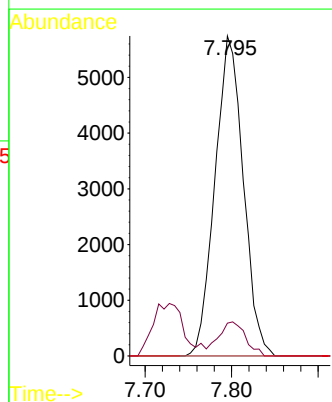
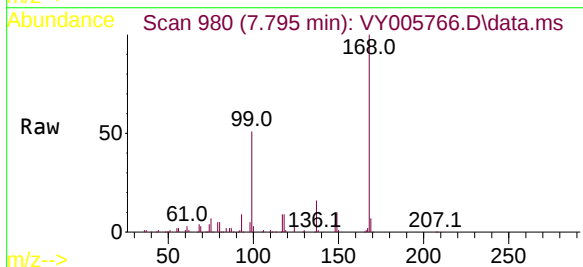
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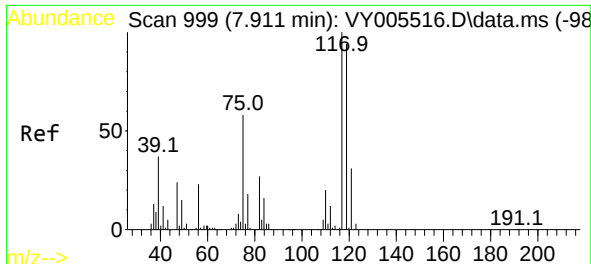
Tgt Ion:113 Resp: 90176
Ion Ratio Lower Upper
113 100
111 102.6 81.9 122.9
192 23.8 19.2 28.8



#36
1,1-Dichloropropene
Concen: 4.674 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY005766.D
Acq: 19 Aug 2021 14:02

Tgt Ion: 75 Resp: 13034
Ion Ratio Lower Upper
75 100
110 10.1 18.1 54.1#
77 0.0 25.1 37.7#

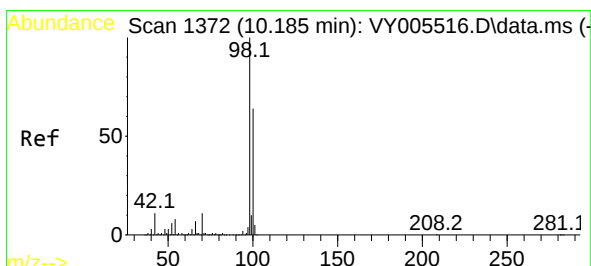
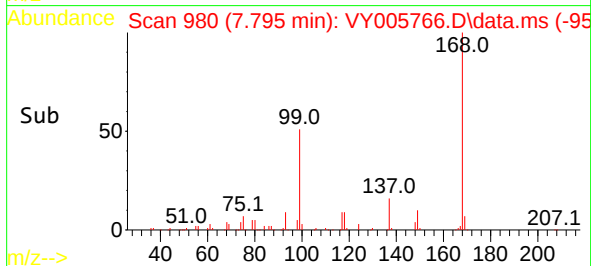
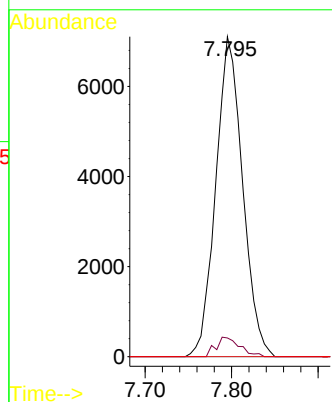
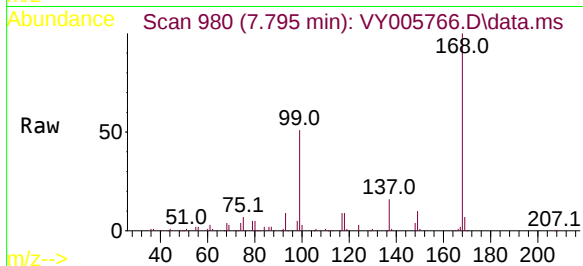




#38
Carbon Tetrachloride
Concen: 5.047 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY005766.D
Acq: 19 Aug 2021 14:02

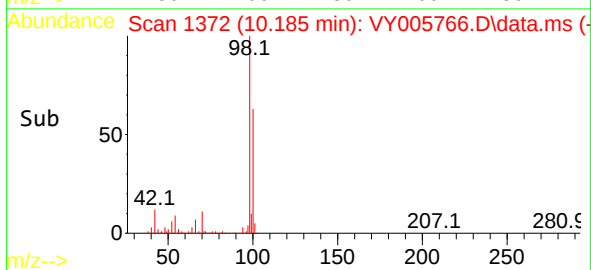
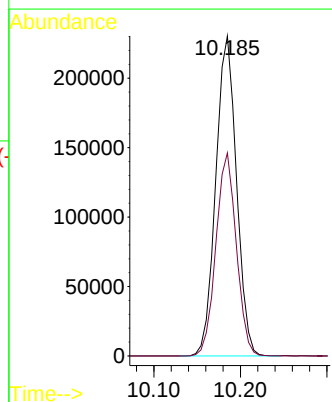
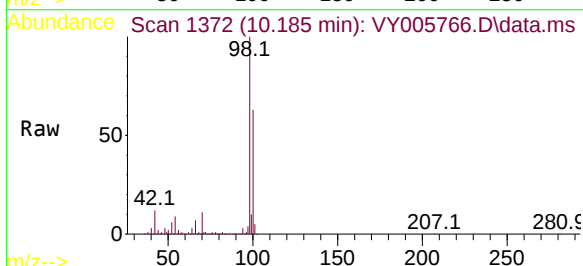
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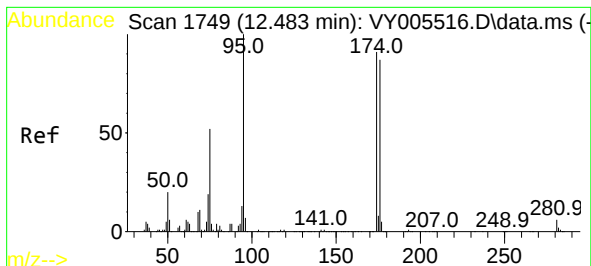
Tgt Ion:117 Resp: 15298
Ion Ratio Lower Upper
117 100
119 5.9 75.4 113.0#
121 0.0 25.1 37.7#



#50
Toluene-d8
Concen: 54.893 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY005766.D
Acq: 19 Aug 2021 14:02

Tgt Ion: 98 Resp: 383257
Ion Ratio Lower Upper
98 100
100 62.4 51.3 76.9

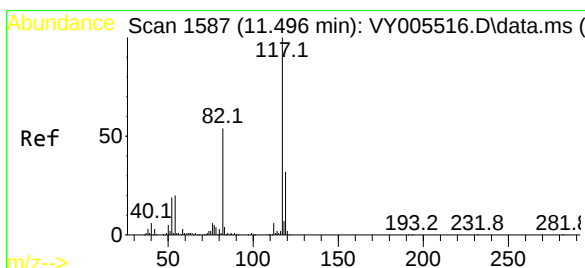
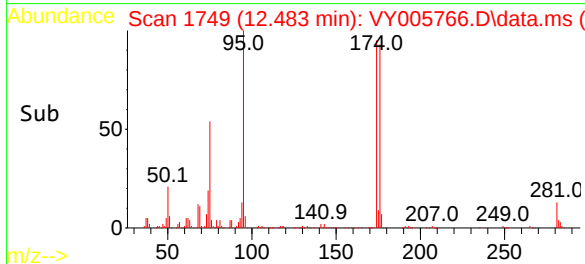
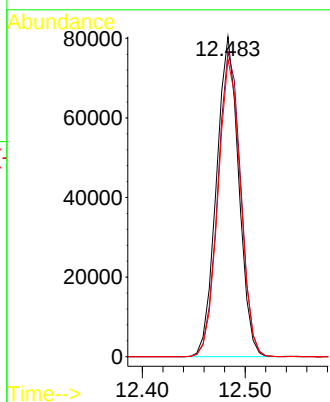
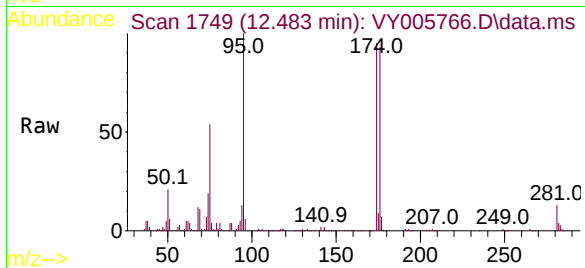




#62
4-Bromofluorobenzene
Concen: 52.384 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005766.D
Acq: 19 Aug 2021 14:02

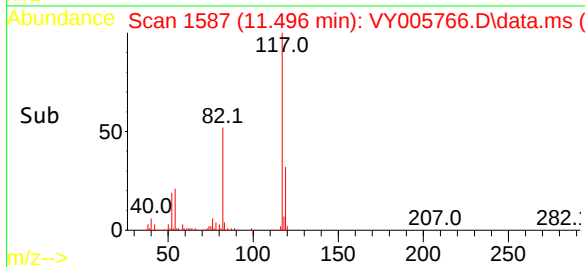
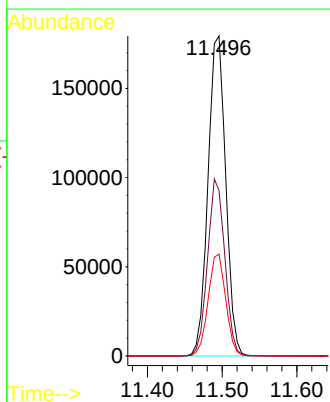
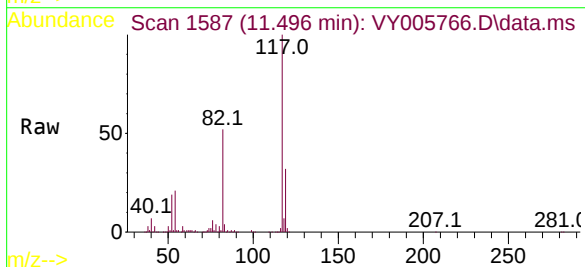
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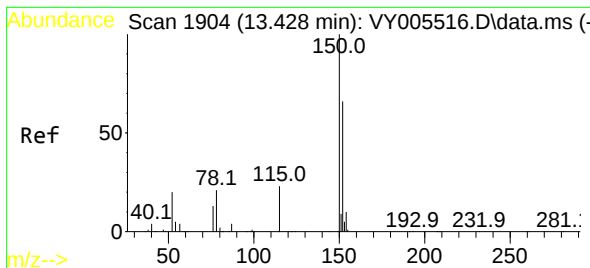
Tgt Ion: 95 Resp: 121115
Ion Ratio Lower Upper
95 100
174 97.8 0.0 191.4
176 93.8 0.0 183.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY005766.D
Acq: 19 Aug 2021 14:02

Tgt Ion: 117 Resp: 295251
Ion Ratio Lower Upper
117 100
82 51.8 43.5 65.3
119 31.9 25.5 38.3

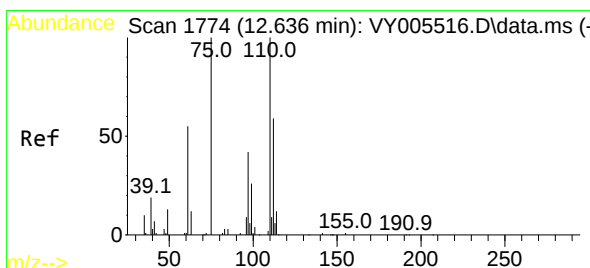
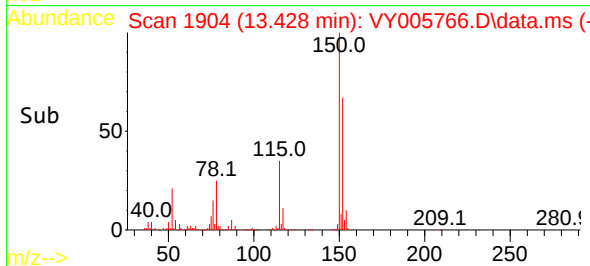
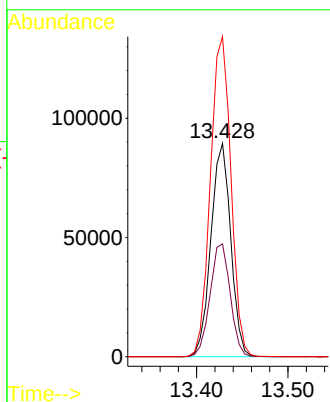
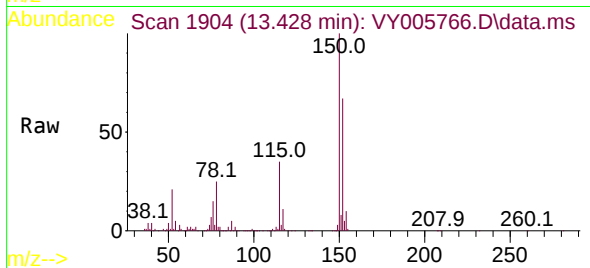




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY005766.D
Acq: 19 Aug 2021 14:02

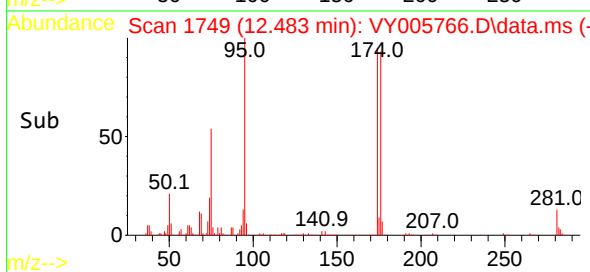
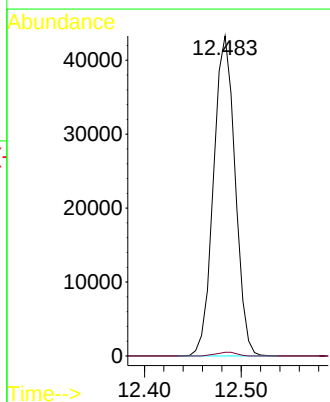
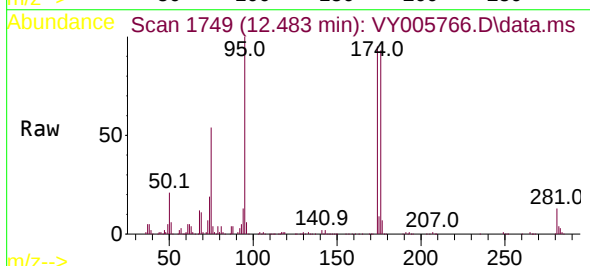
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SAMPLE-10-(410.75)-VOC-GRAB

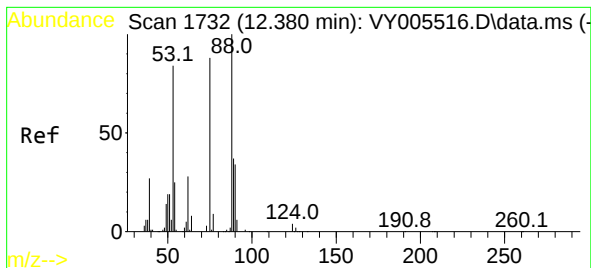
Tgt Ion:152 Resp: 134762
Ion Ratio Lower Upper
152 100
115 53.7 27.3 81.9
150 155.1 0.0 350.2



#76
1,2,3-Trichloropropane
Concen: 48.051 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY005766.D
Acq: 19 Aug 2021 14:02

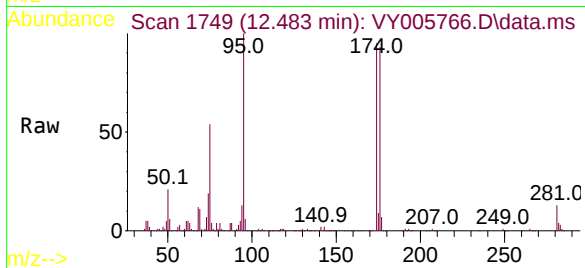
Tgt Ion: 75 Resp: 67104
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 96.864 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY005766.D
 Acq: 19 Aug 2021 14:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 SAMPLE-10-(410.75)-VOC-GRAB



Tgt Ion: 75 Resp: 67104
 Ion Ratio Lower Upper
 75 100
 53 0.0 76.7 115.1#
 89 0.0 38.4 57.6#

