

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082021\
 Data File : VY005795.D
 Acq On : 20 Aug 2021 16:05
 Operator : SY/MD
 Sample : M3467-22
 Misc : 4.67G/5ML/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SAMPLE-6-(203.30)-VOC-GRAB

Quant Time: Aug 23 01:08:26 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)

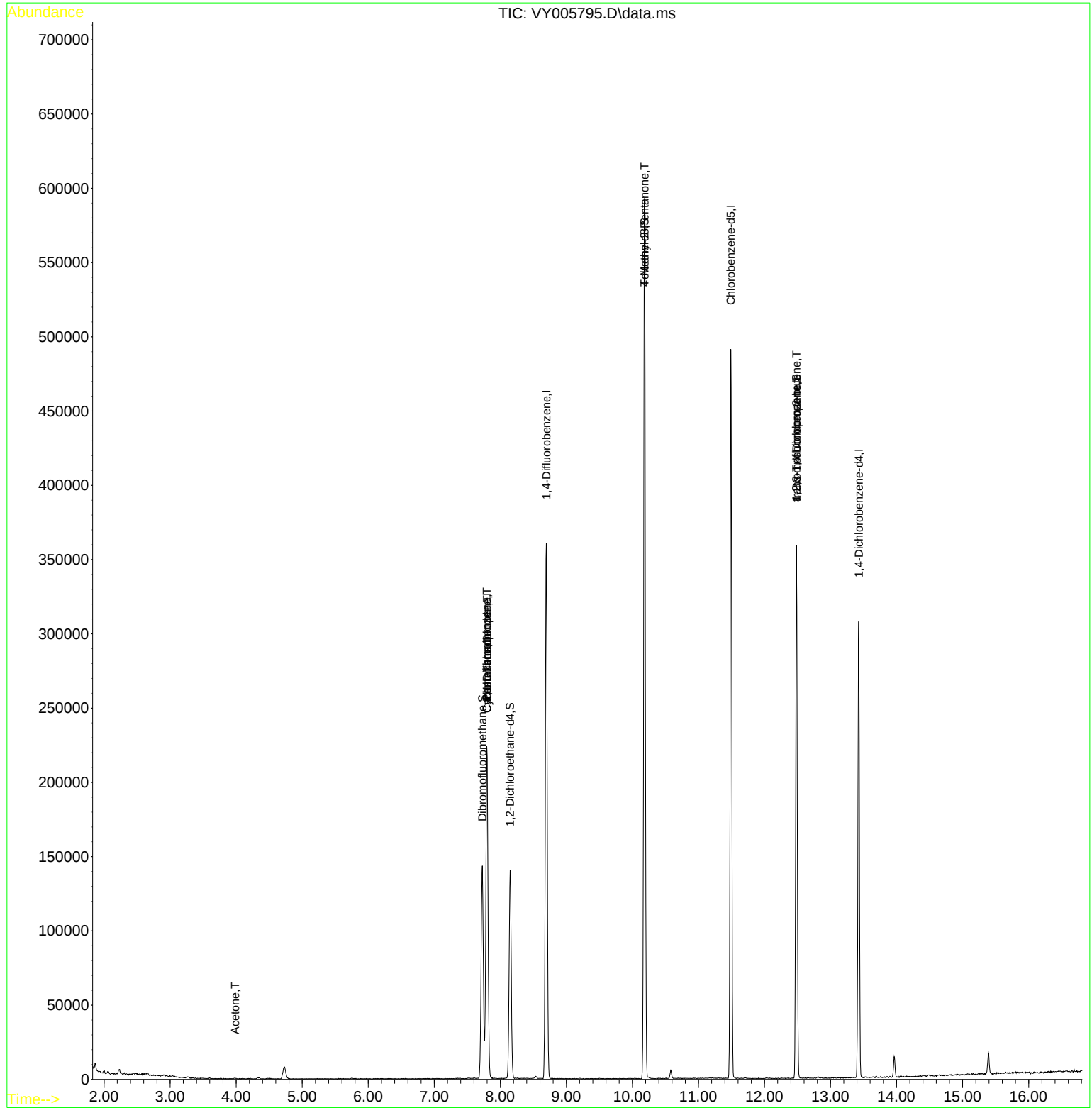
Internal Standards						
1) Pentafluorobenzene	7.795	168	182066	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	305890	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	263614	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	81836	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	115411	62.623	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 125.240%			
35) Dibromofluoromethane	7.728	113	95852	55.969	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 111.940%			
50) Toluene-d8	10.185	98	385707	53.701	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 107.400%			
62) 4-Bromofluorobenzene	12.483	95	90137	37.897	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 75.800%			
Target Compounds					Qvalue	
16) Acetone	3.985	43	772	1.661	ug/l #	83
20) Methylene Chloride	4.734	84	6214	Below Cal	#	91
31) Cyclohexane	7.801	56	3637	1.151	ug/l #	26
36) 1,1-Dichloropropene	7.795	75	13100	4.566	ug/l #	49
38) Carbon Tetrachloride	7.801	117	16373	5.251	ug/l #	17
51) 4-Methyl-2-Pentanone	10.185	43	1791	1.033	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	49402	58.253	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	49402	117.431	ug/l #	11

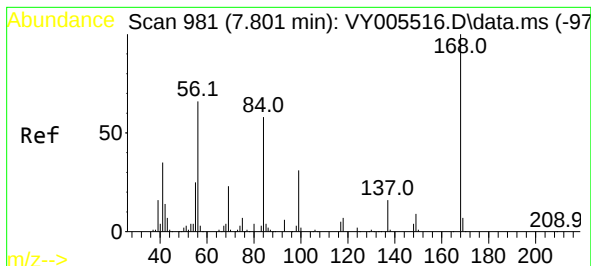
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY005795.D

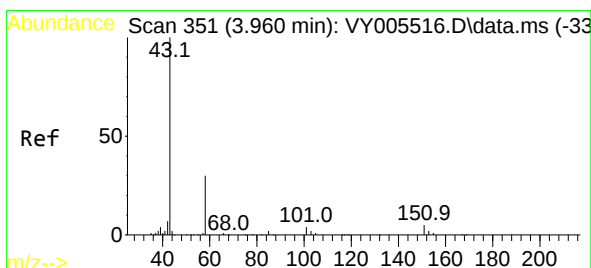
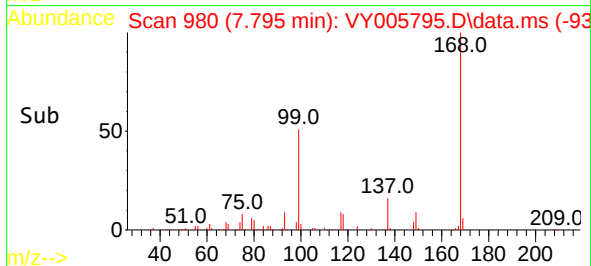
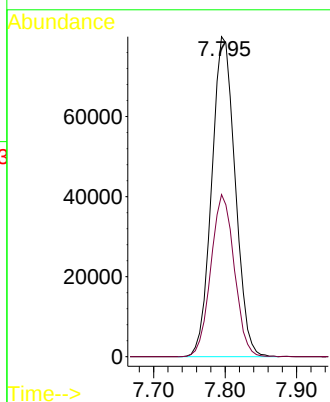
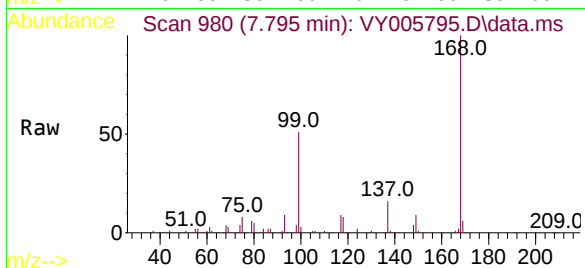
Acq: 20 Aug 2021 16:05

Tgt Ion:168 Resp: 182066

Ion Ratio Lower Upper

168 100

99 50.7 38.9 58.3



#16

Acetone

Concen: 1.661 ug/l

RT: 3.985 min Scan# 355

Delta R.T. 0.024 min

Lab File: VY005795.D

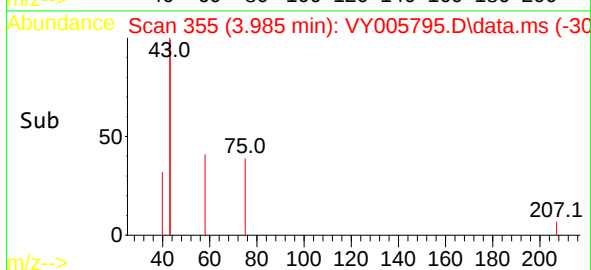
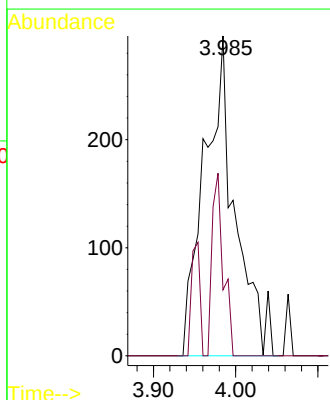
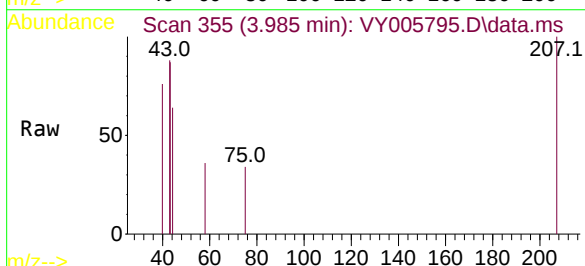
Acq: 20 Aug 2021 16:05

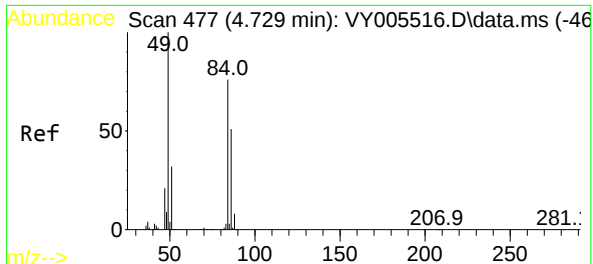
Tgt Ion: 43 Resp: 772

Ion Ratio Lower Upper

43 100

58 20.6 23.8 35.6#



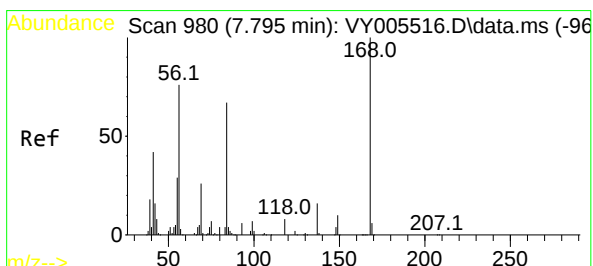
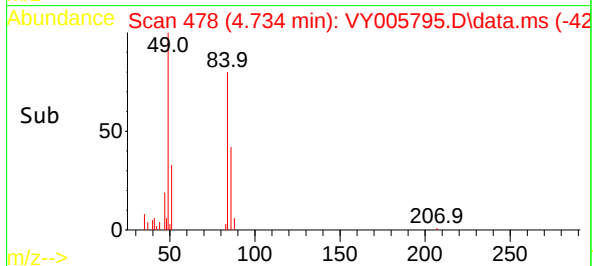
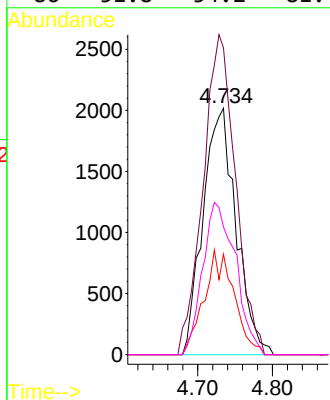
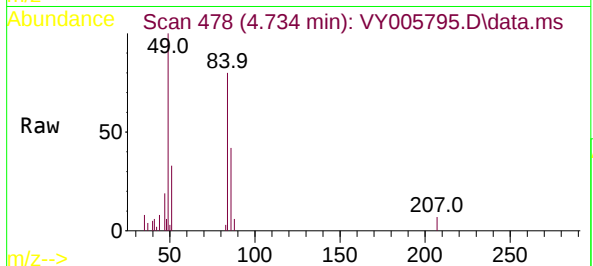


#20
Methylene Chloride
Concen: Below Cal
RT: 4.734 min Scan# 478
Delta R.T. 0.005 min
Lab File: VY005795.D
Acq: 20 Aug 2021 16:05

Instrument :
MSVOA_Y
ClientSampleId :
SAMPLE-6-(203.30)-VOC-GRAB

Tgt Ion: 84 Resp: 6214

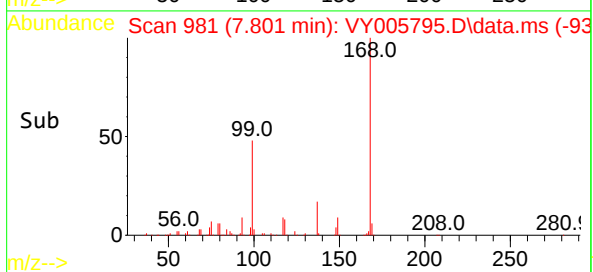
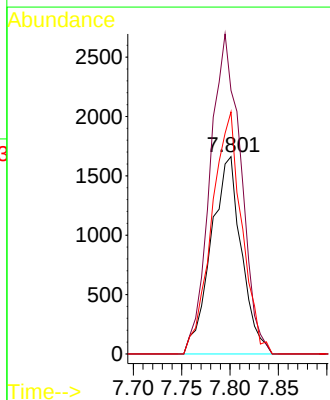
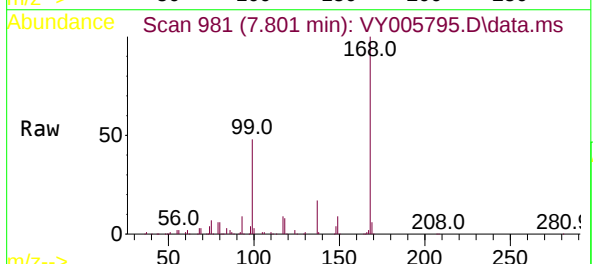
Ion	Ratio	Lower	Upper
84	100		
49	124.5	105.8	158.6
51	40.8	33.4	50.2
86	51.8	54.2	81.4

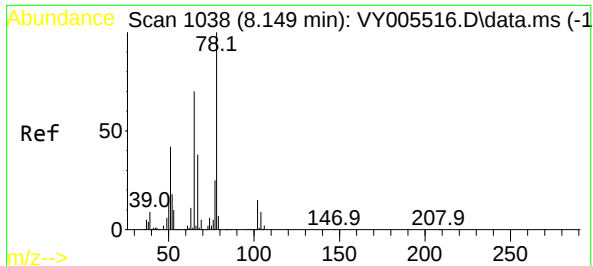


#31
Cyclohexane
Concen: 1.151 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY005795.D
Acq: 20 Aug 2021 16:05

Tgt Ion: 56 Resp: 3637

Ion	Ratio	Lower	Upper
56	100		
69	133.5	27.7	41.5
84	122.7	70.9	106.3

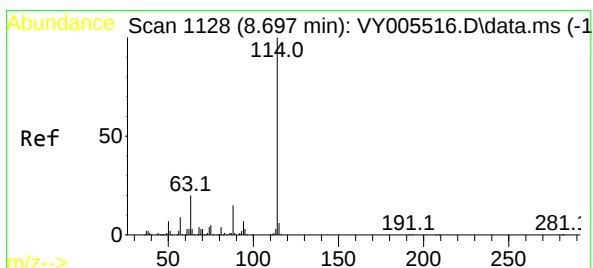
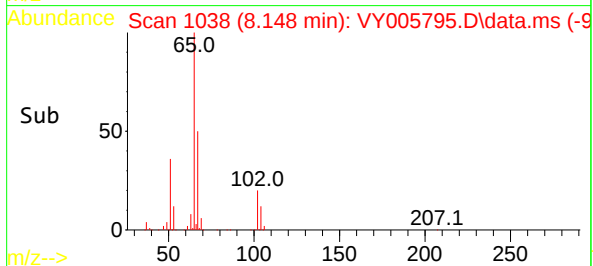
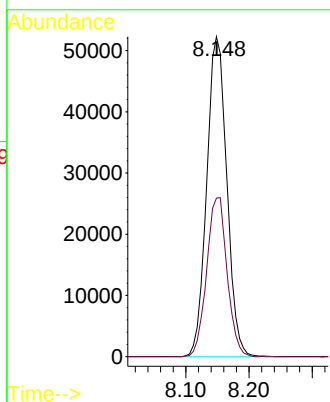
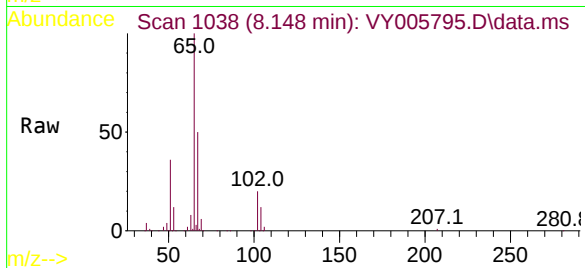




#33
1,2-Dichloroethane-d4
Concen: 62.623 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005795.D
Acq: 20 Aug 2021 16:05

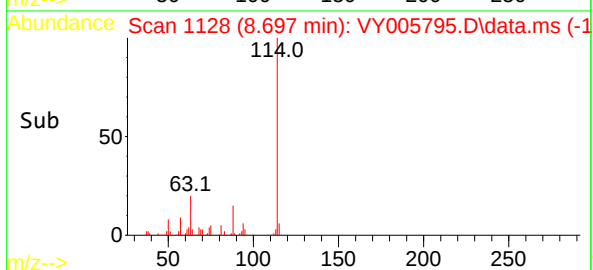
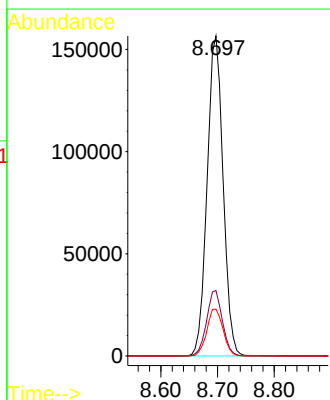
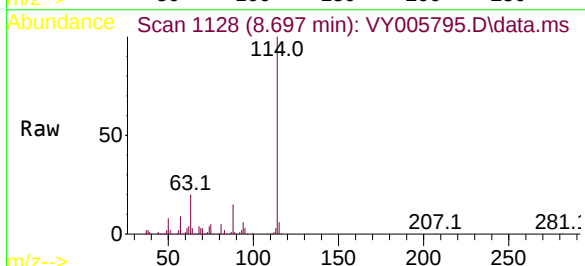
Instrument :
MSVOA_Y
ClientSampleId :
SAMPLE-6-(203.30)-VOC-GRAB

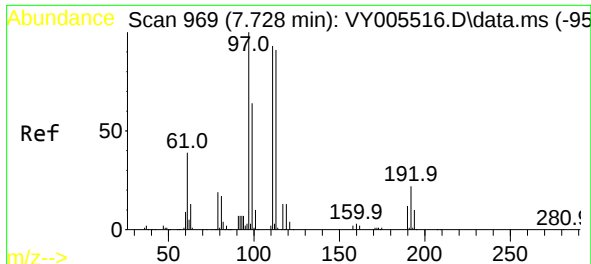
Tgt Ion: 65 Resp: 115411
Ion Ratio Lower Upper
65 100
67 50.5 0.0 103.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005795.D
Acq: 20 Aug 2021 16:05

Tgt Ion: 114 Resp: 305890
Ion Ratio Lower Upper
114 100
63 20.4 0.0 39.2
88 14.7 0.0 30.8

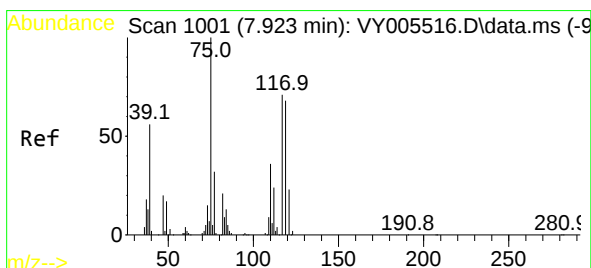
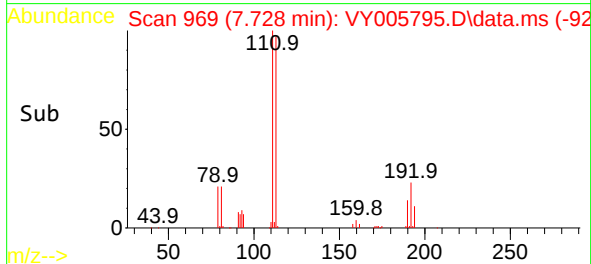
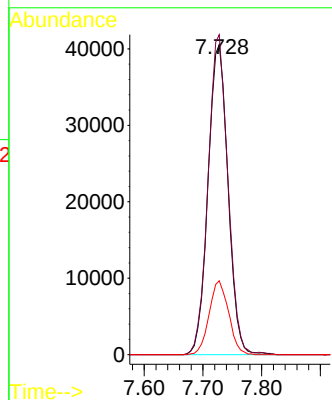
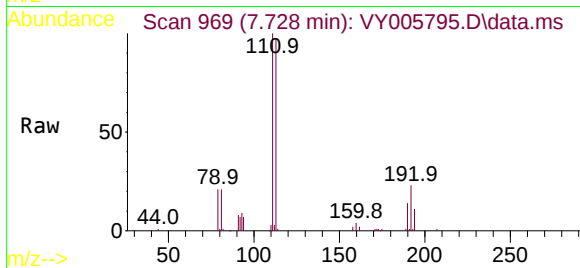




#35
Dibromofluoromethane
Concen: 55.969 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005795.D
Acq: 20 Aug 2021 16:05

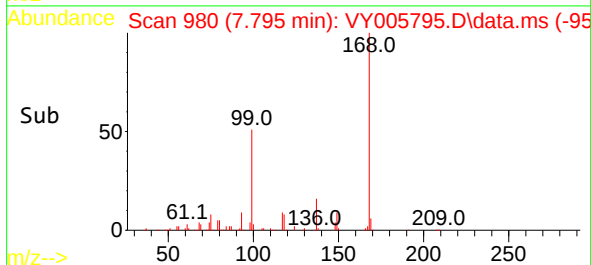
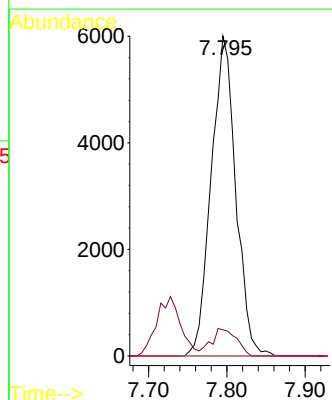
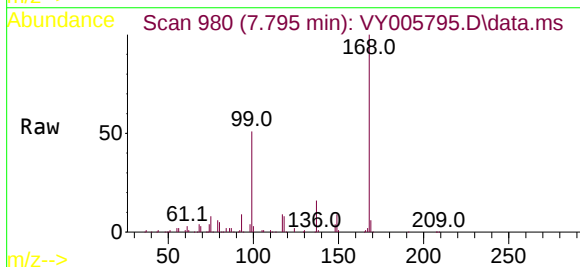
Instrument :
MSVOA_Y
ClientSampleId :
SAMPLE-6-(203.30)-VOC-GRAB

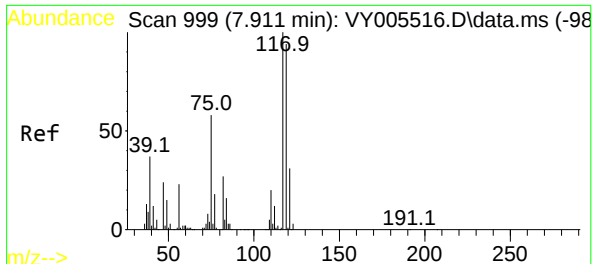
Tgt Ion:113 Resp: 95852
Ion Ratio Lower Upper
113 100
111 102.2 81.9 122.9
192 23.3 19.2 28.8



#36
1,1-Dichloropropene
Concen: 4.566 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY005795.D
Acq: 20 Aug 2021 16:05

Tgt Ion: 75 Resp: 13100
Ion Ratio Lower Upper
75 100
110 8.7 18.1 54.1#
77 0.0 25.1 37.7#

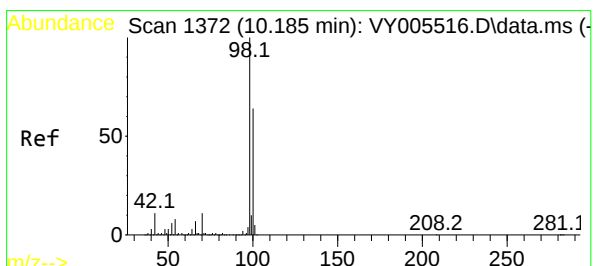
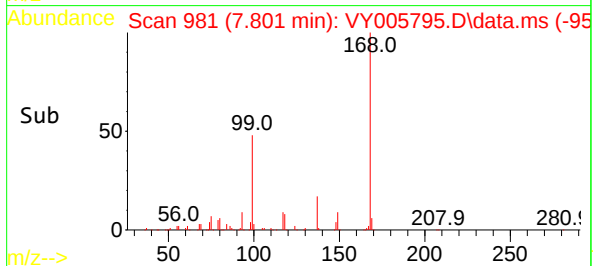
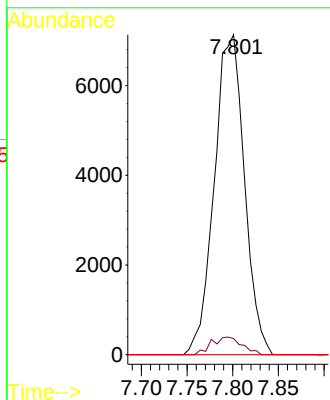
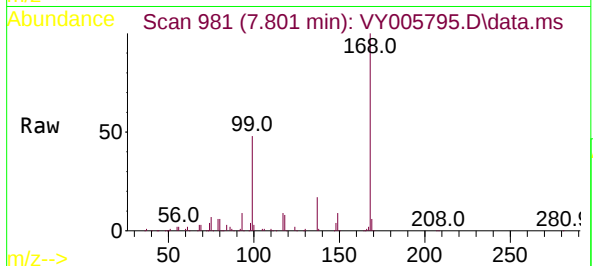




#38
Carbon Tetrachloride
Concen: 5.251 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY005795.D
Acq: 20 Aug 2021 16:05

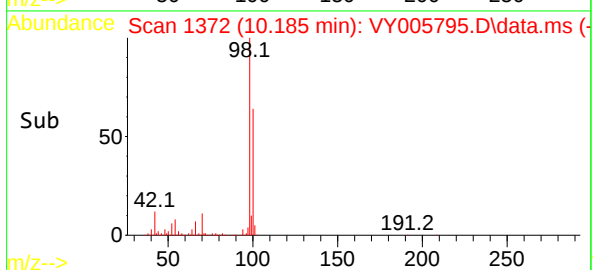
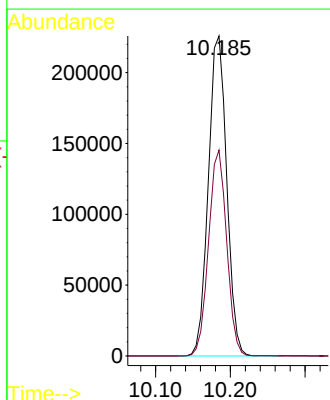
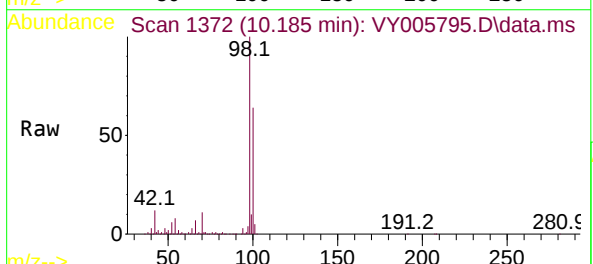
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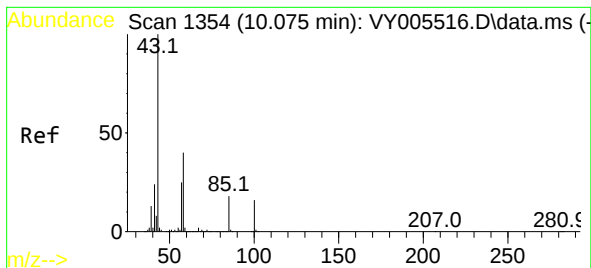
Tgt Ion:117 Resp: 16373
Ion Ratio Lower Upper
117 100
119 5.0 75.4 113.0#
121 0.0 25.1 37.7#



#50
Toluene-d8
Concen: 53.701 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005795.D
Acq: 20 Aug 2021 16:05

Tgt Ion: 98 Resp: 385707
Ion Ratio Lower Upper
98 100
100 63.4 51.3 76.9

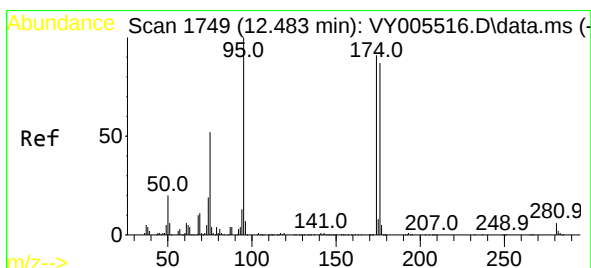
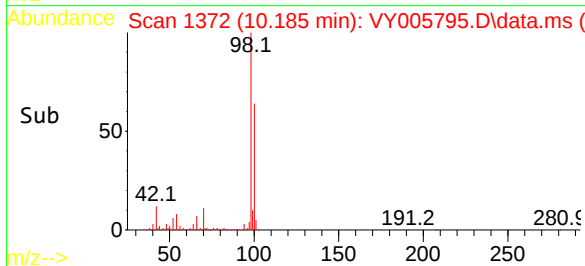
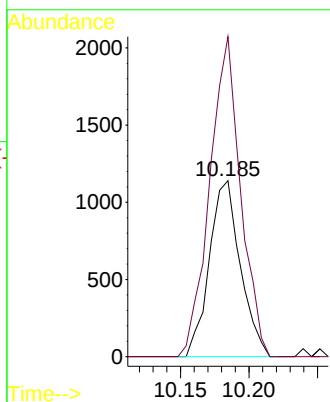
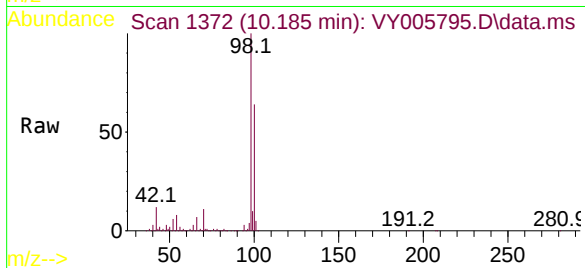




#51
4-Methyl-2-Pentanone
Concen: 1.033 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.109 min
Lab File: VY005795.D
Acq: 20 Aug 2021 16:05

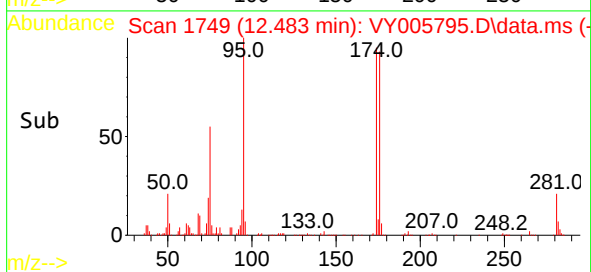
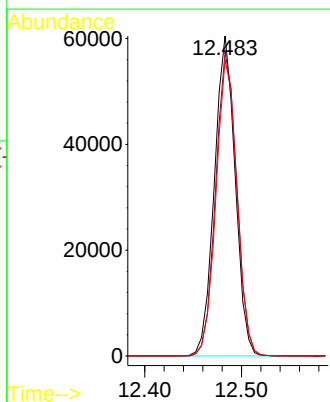
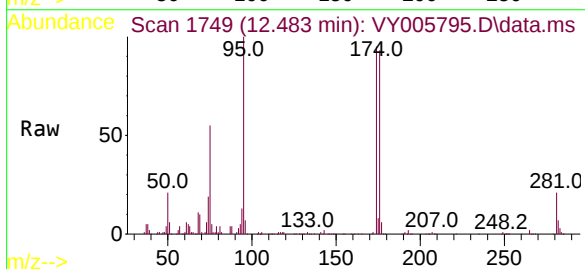
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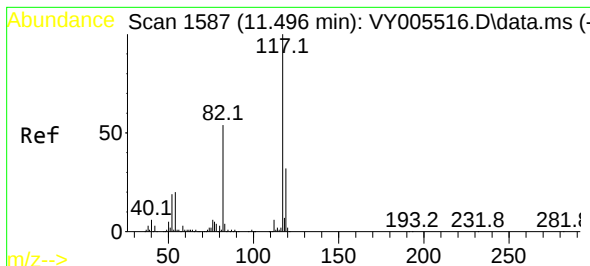
Tgt Ion: 43 Resp: 1791
Ion Ratio Lower Upper
43 100
58 181.6 31.4 47.2#



#62
4-Bromofluorobenzene
Concen: 37.897 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005795.D
Acq: 20 Aug 2021 16:05

Tgt Ion: 95 Resp: 90137
Ion Ratio Lower Upper
95 100
174 96.4 0.0 191.4
176 93.2 0.0 183.6

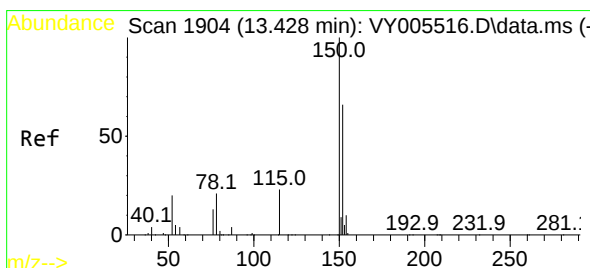
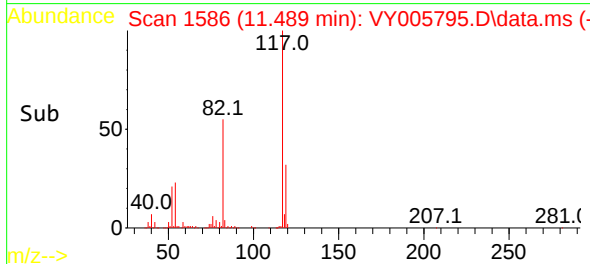
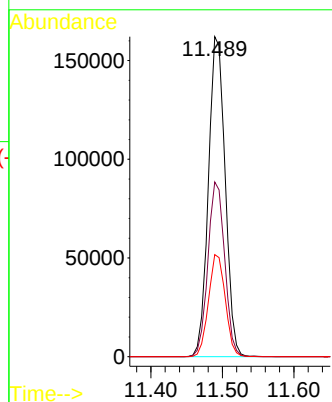
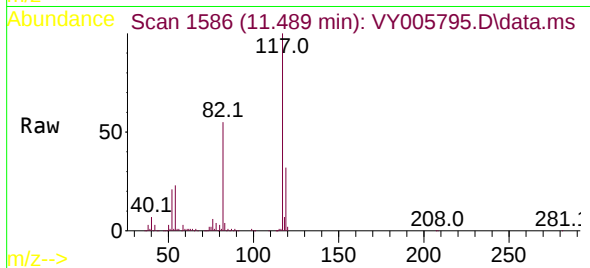




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY005795.D
Acq: 20 Aug 2021 16:05

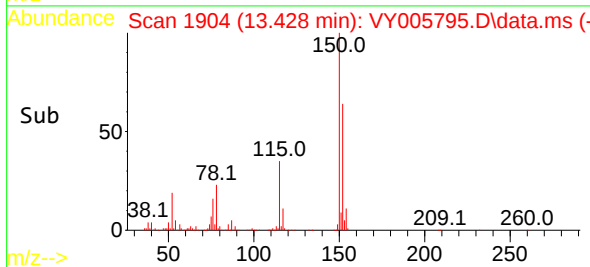
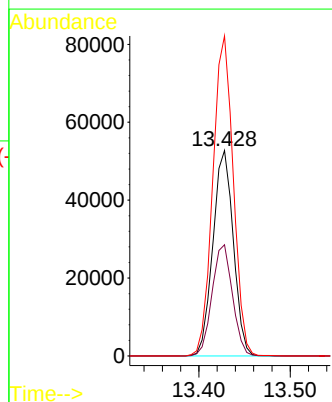
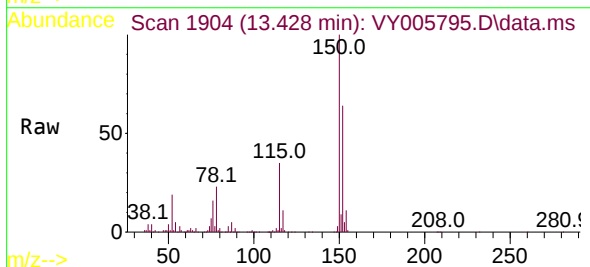
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SAMPLE-6-(203.30)-VOC-GRAB

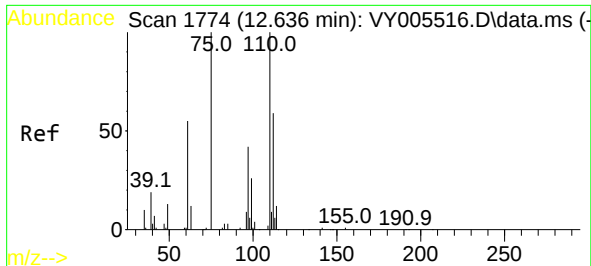
Tgt Ion:117 Resp: 263614
Ion Ratio Lower Upper
117 100
82 54.6 43.5 65.3
119 31.9 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005795.D
Acq: 20 Aug 2021 16:05

Tgt Ion:152 Resp: 81836
Ion Ratio Lower Upper
152 100
115 54.1 27.3 81.9
150 155.9 0.0 350.2

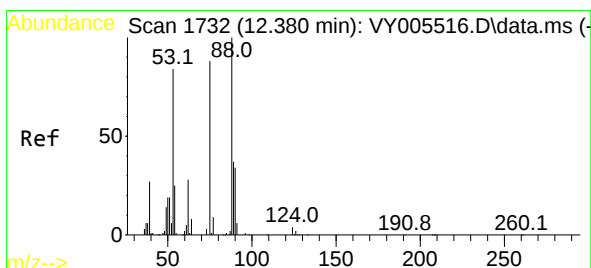
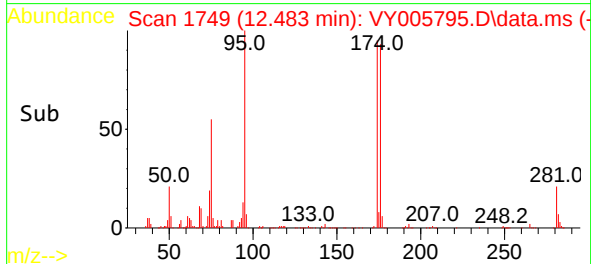
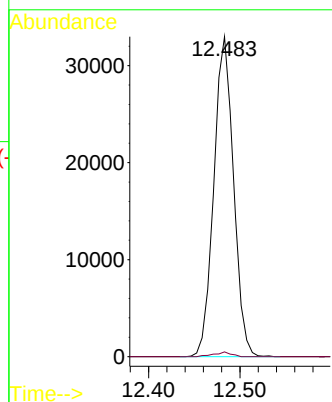
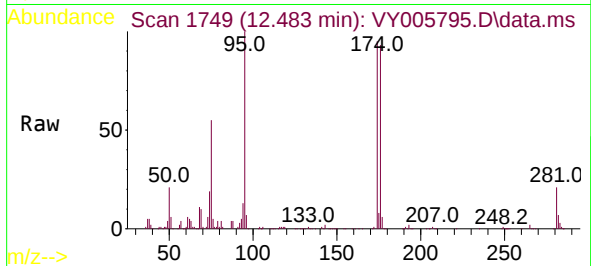




#76
1,2,3-Trichloropropane
Concen: 58.253 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY005795.D
Acq: 20 Aug 2021 16:05

Instrument :
MSVOA_Y
ClientSampleId :
SAMPLE-6-(203.30)-VOC-GRAB

Tgt Ion: 75 Resp: 49402
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 117.431 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY005795.D
Acq: 20 Aug 2021 16:05

Tgt Ion: 75 Resp: 49402
Ion Ratio Lower Upper
75 100
53 0.0 76.7 115.1#
89 0.1 38.4 57.6#

