

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081921\
 Data File : VY005781.D
 Acq On : 19 Aug 2021 19:50
 Operator : SY/MD
 Sample : M3467-12
 Misc : 5.41G/5ML/MSVOA_Y/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SAMPLE-1-(150.00)-VOC-GRAB

Quant Time: Aug 20 06:59:26 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)

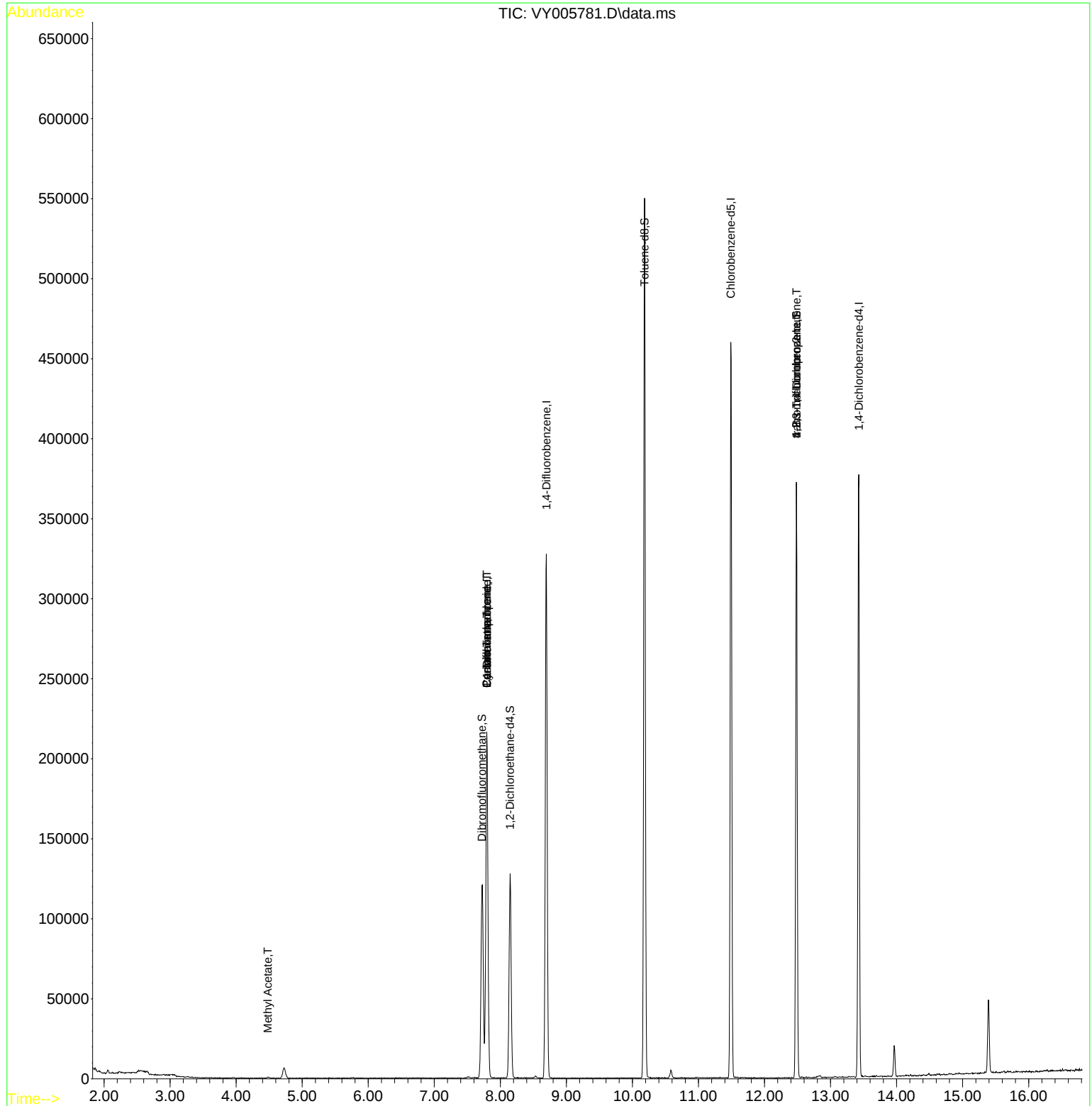
Internal Standards						
1) Pentafluorobenzene	7.795	168	171603	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	277403	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	248718	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	97740	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	101588	58.483	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 116.960%	
35) Dibromofluoromethane	7.722	113	83297	53.632	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.260%	
50) Toluene-d8	10.185	98	347900	53.411	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 106.820%	
62) 4-Bromofluorobenzene	12.483	95	95614	44.327	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 88.660%	
Target Compounds						
					Qvalue	
18) Methyl Acetate	4.478	43	1183	1.033	ug/l #	84
20) Methylene Chloride	4.728	84	5022	Below Cal	#	85
31) Cyclohexane	7.795	56	3702	1.242	ug/l #	27
36) 1,1-Dichloropropene	7.795	75	11840	4.551	ug/l #	49
38) Carbon Tetrachloride	7.795	117	14880	5.262	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	52878	52.206	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	52878	105.241	ug/l #	11

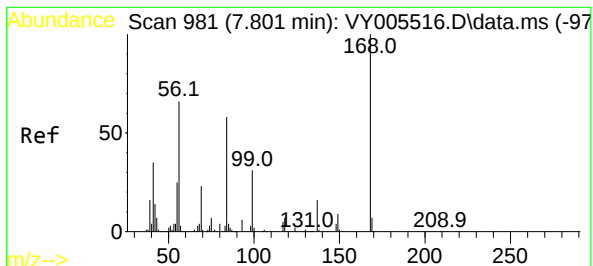
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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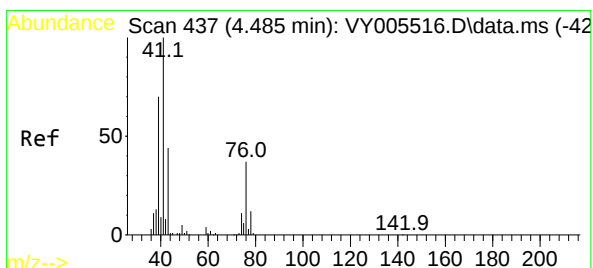
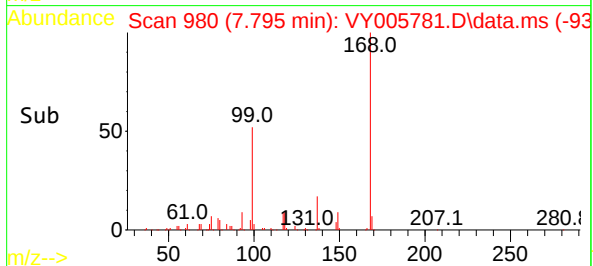
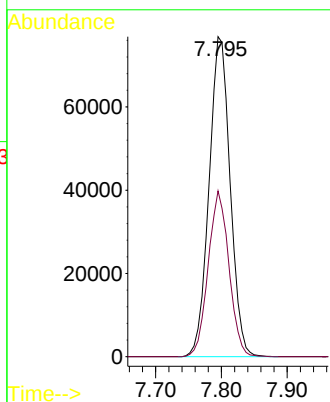
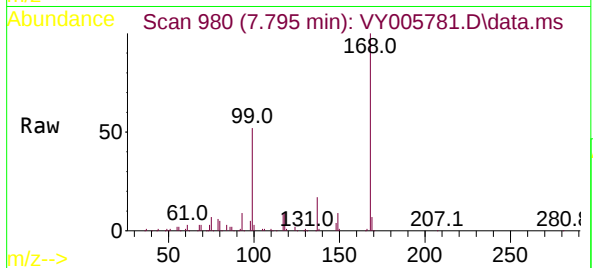


#1

Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005781.D
Acq: 19 Aug 2021 19:50

Instrument :
MSVOA_Y
ClientSampleId :
SAMPLE-1-(150.00)-VOC-GRAB

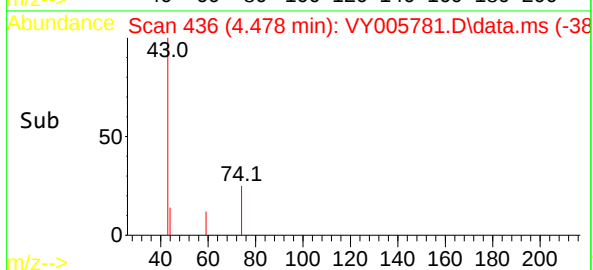
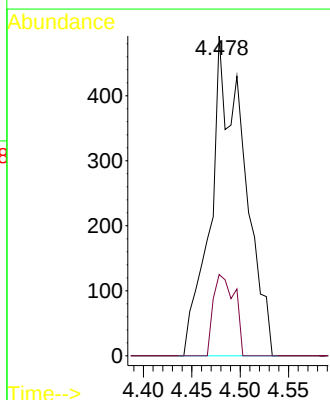
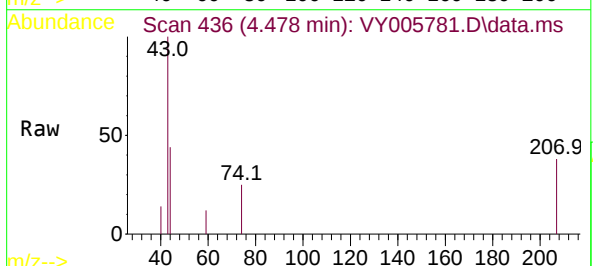
Tgt Ion:168 Resp: 171603
Ion Ratio Lower Upper
168 100
99 51.8 38.9 58.3

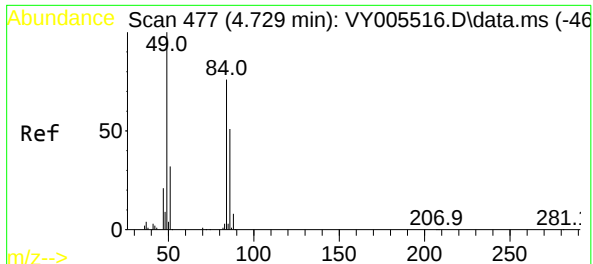


#18

Methyl Acetate
Concen: 1.033 ug/l
RT: 4.478 min Scan# 436
Delta R.T. -0.006 min
Lab File: VY005781.D
Acq: 19 Aug 2021 19:50

Tgt Ion: 43 Resp: 1183
Ion Ratio Lower Upper
43 100
74 16.1 19.0 28.6#

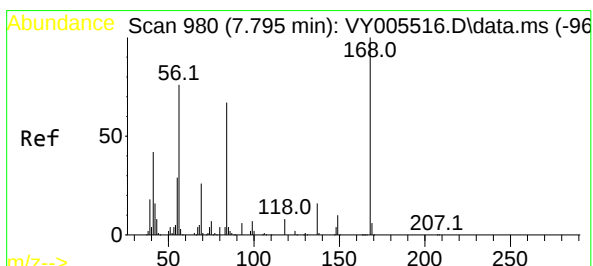
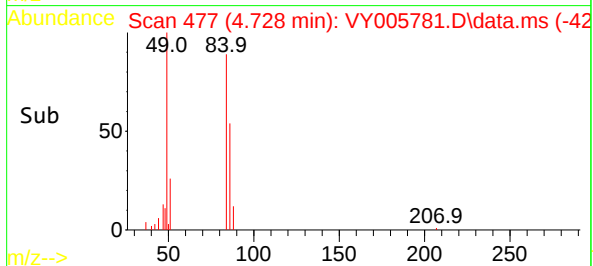
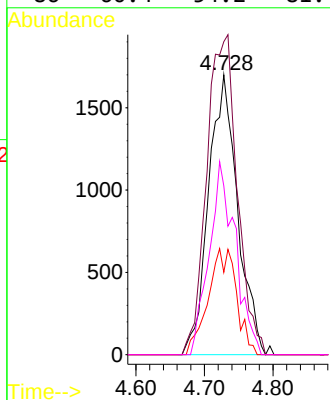
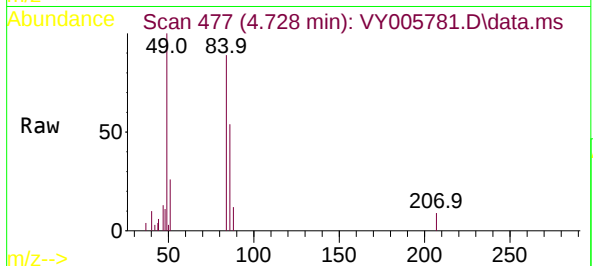




#20
Methylene Chloride
Concen: Below Cal
RT: 4.728 min Scan# 477
Delta R.T. -0.001 min
Lab File: VY005781.D
Acq: 19 Aug 2021 19:50

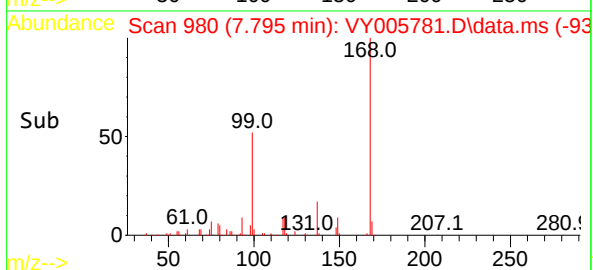
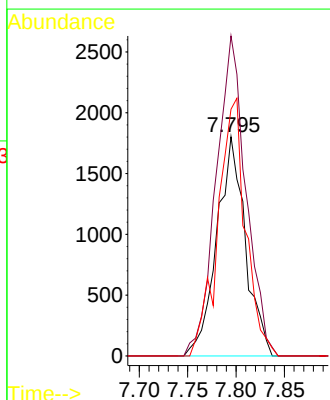
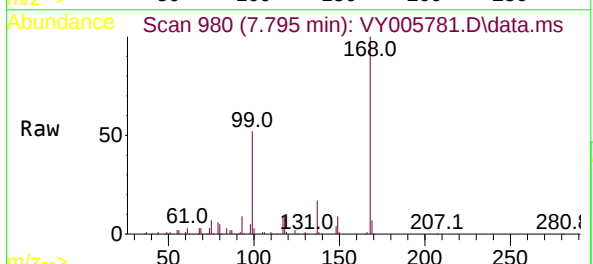
Instrument :
MSVOA_Y
ClientSampleId :
SAMPLE-1-(150.00)-VOC-GRAB

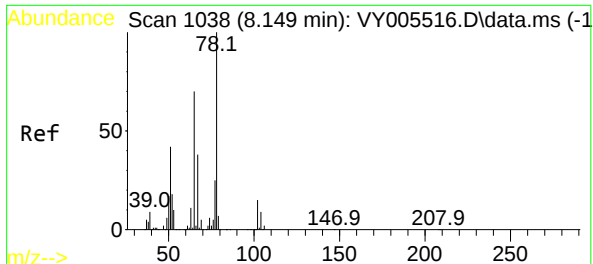
Tgt Ion:	84	Resp:	5022
Ion	Ratio	Lower	Upper
84	100		
49	111.8	105.8	158.6
51	29.5	33.4	50.2#
86	60.4	54.2	81.4



#31
Cyclohexane
Concen: 1.242 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY005781.D
Acq: 19 Aug 2021 19:50

Tgt Ion:	56	Resp:	3702
Ion	Ratio	Lower	Upper
56	100		
69	146.0	27.7	41.5#
84	112.5	70.9	106.3#

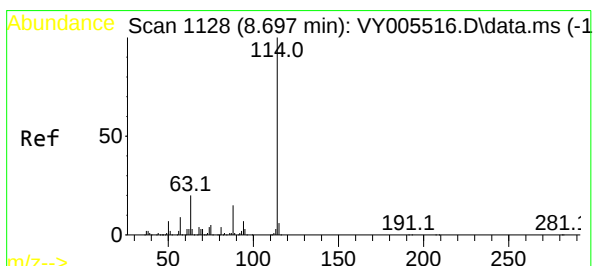
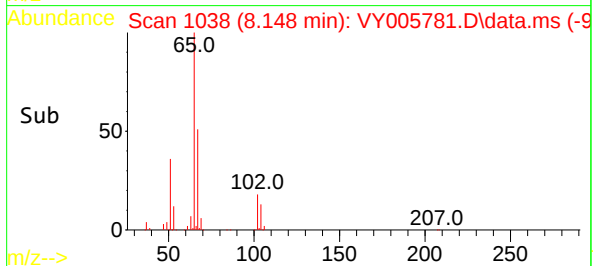
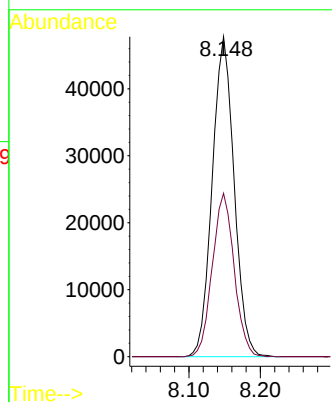
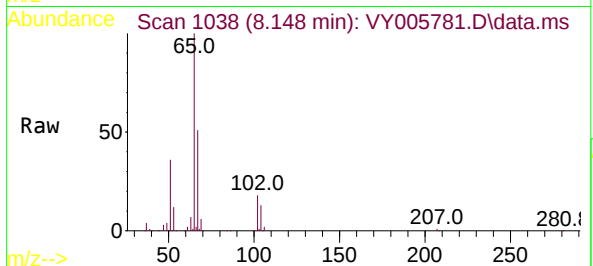




#33
1,2-Dichloroethane-d4
Concen: 58.483 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005781.D
Acq: 19 Aug 2021 19:50

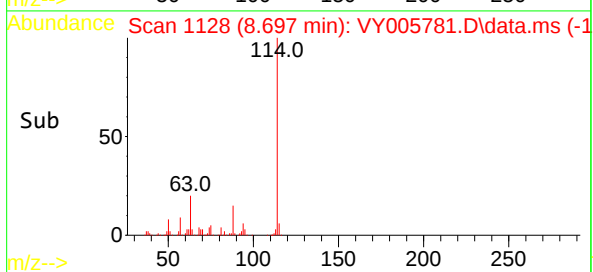
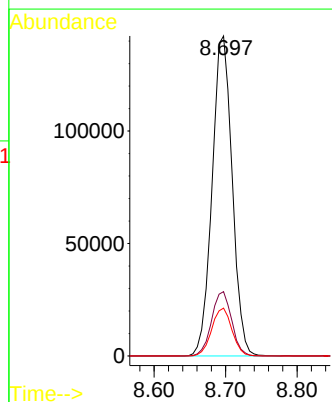
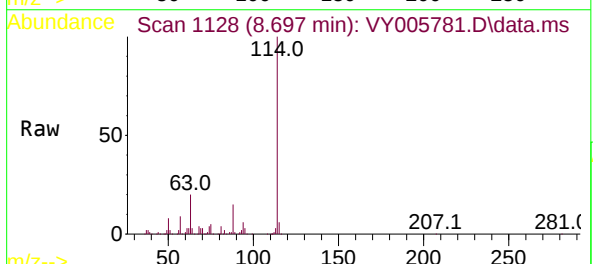
Instrument :
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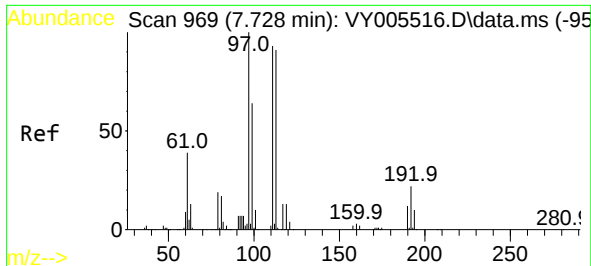
Tgt Ion: 65 Resp: 101588
Ion Ratio Lower Upper
65 100
67 51.0 0.0 103.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005781.D
Acq: 19 Aug 2021 19:50

Tgt Ion: 114 Resp: 277403
Ion Ratio Lower Upper
114 100
63 20.1 0.0 39.2
88 15.0 0.0 30.8

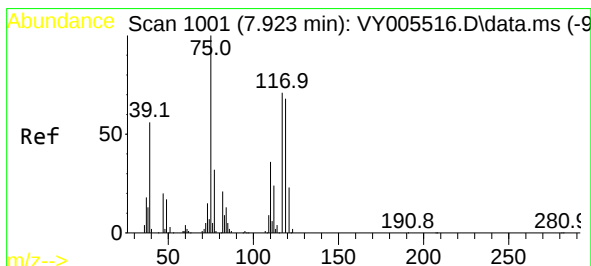
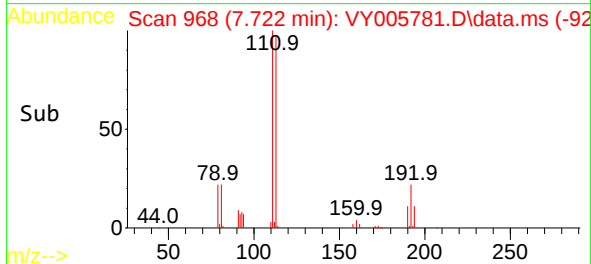
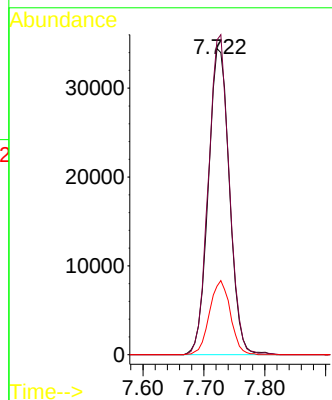
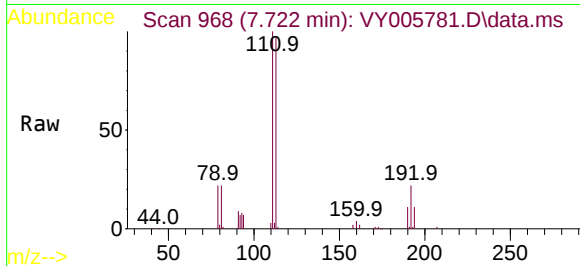




#35
Dibromofluoromethane
Concen: 53.632 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY005781.D
Acq: 19 Aug 2021 19:50

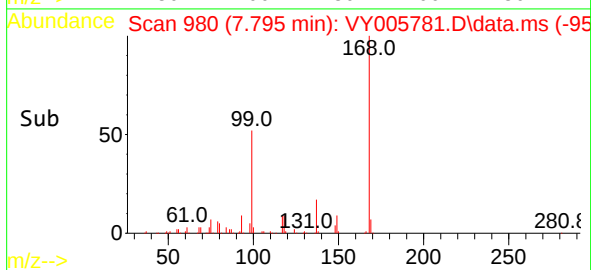
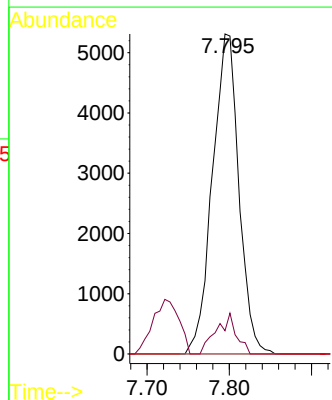
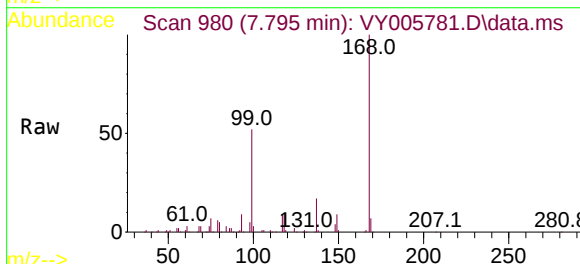
Instrument :
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ClientSampleId :
SAMPLE-1-(150.00)-VOC-GRAB

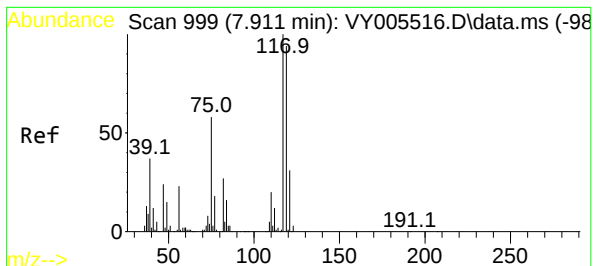
Tgt Ion:	113	Resp:	83297
Ion	Ratio	Lower	Upper
113	100		
111	102.6	81.9	122.9
192	23.9	19.2	28.8



#36
1,1-Dichloropropene
Concen: 4.551 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY005781.D
Acq: 19 Aug 2021 19:50

Tgt Ion:	75	Resp:	11840
Ion	Ratio	Lower	Upper
75	100		
110	9.6	18.1	54.1#
77	0.0	25.1	37.7#





#38

Carbon Tetrachloride

Concen: 5.262 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.116 min

Lab File: VY005781.D

Acq: 19 Aug 2021 19:50

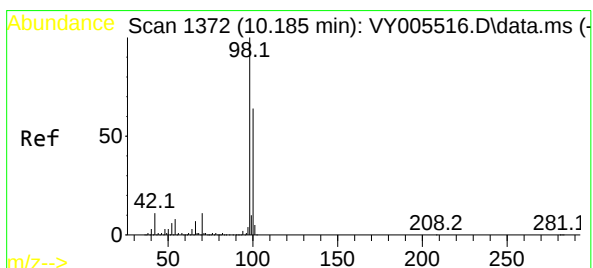
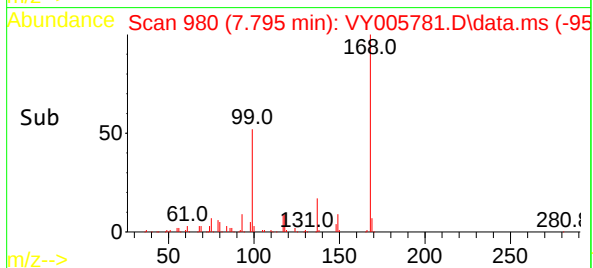
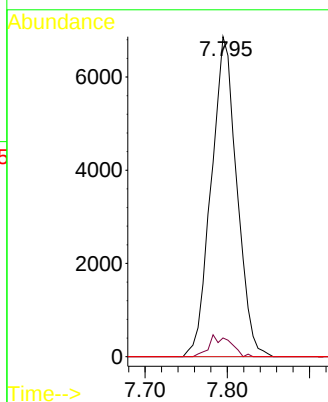
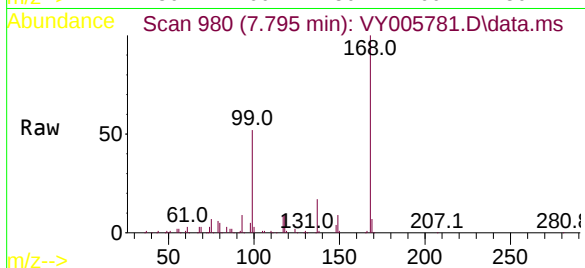
Instrument :

MSVOA_Y

ClientSampleId :

SAMPLE-1-(150.00)-VOC-GRAB

Tgt Ion:117	Resp:	14880
Ion Ratio	Lower	Upper
117	100	
119	5.9	75.4 113.0#
121	0.0	25.1 37.7#



#50

Toluene-d8

Concen: 53.411 ug/l

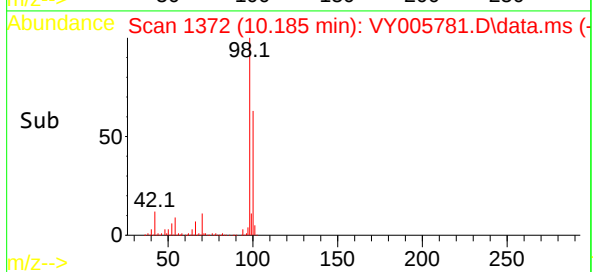
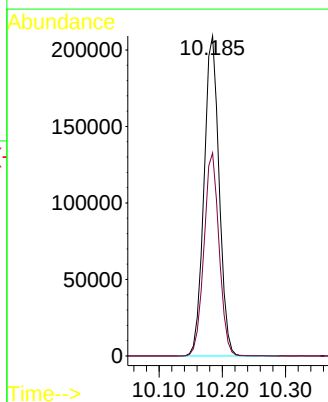
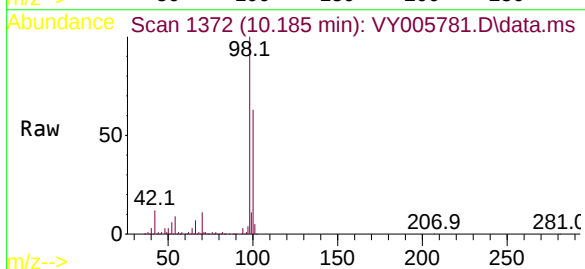
RT: 10.185 min Scan# 1372

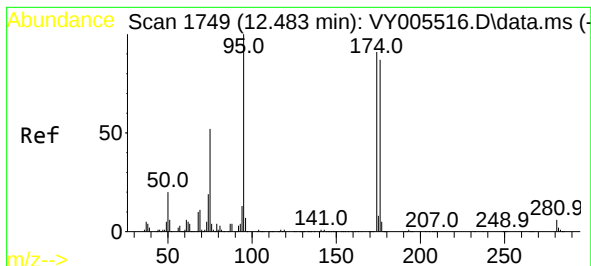
Delta R.T. -0.000 min

Lab File: VY005781.D

Acq: 19 Aug 2021 19:50

Tgt Ion: 98	Resp:	347900
Ion Ratio	Lower	Upper
98	100	
100	63.4	51.3 76.9

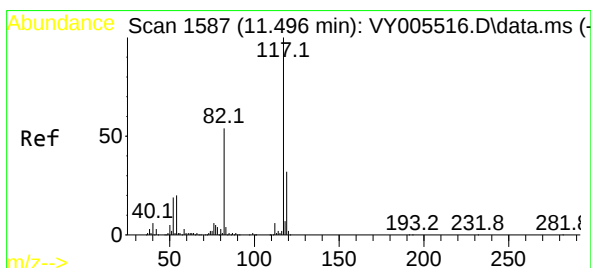
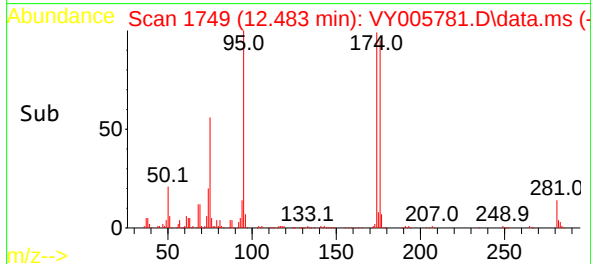
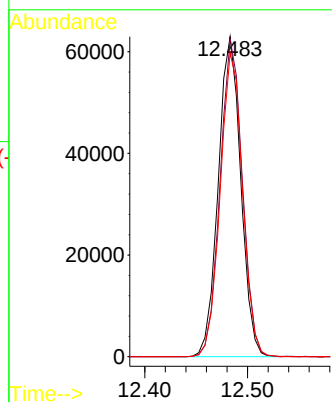
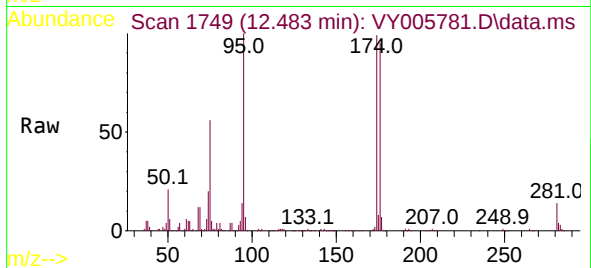




#62
4-Bromofluorobenzene
Concen: 44.327 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005781.D
Acq: 19 Aug 2021 19:50

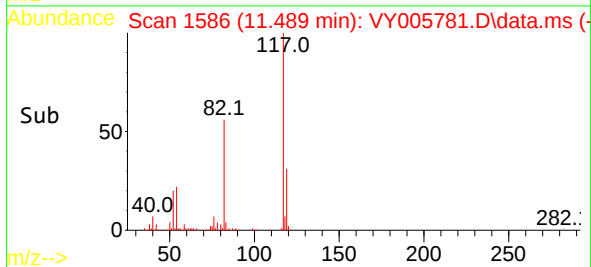
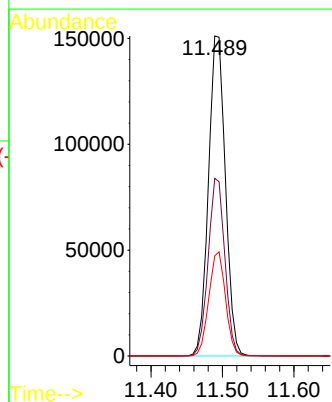
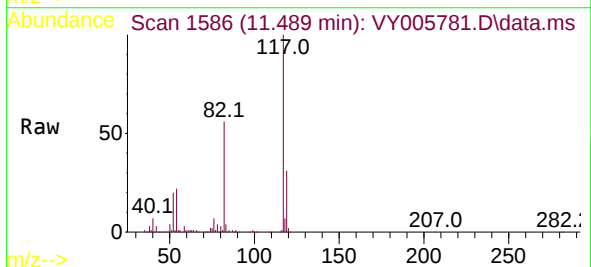
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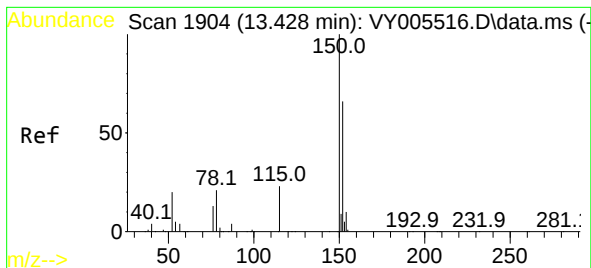
Tgt Ion: 95 Resp: 95614
Ion Ratio Lower Upper
95 100
174 98.3 0.0 191.4
176 94.1 0.0 183.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY005781.D
Acq: 19 Aug 2021 19:50

Tgt Ion: 117 Resp: 248718
Ion Ratio Lower Upper
117 100
82 55.5 43.5 65.3
119 31.3 25.5 38.3

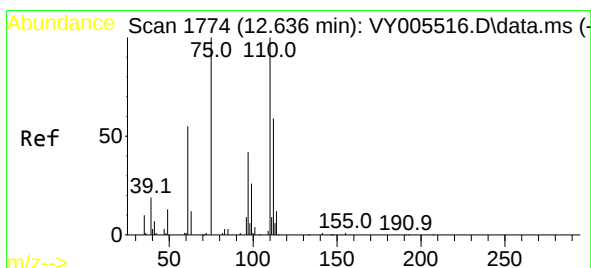
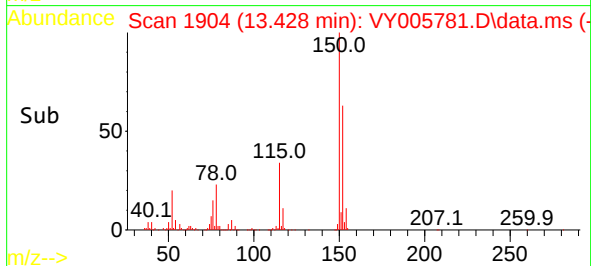
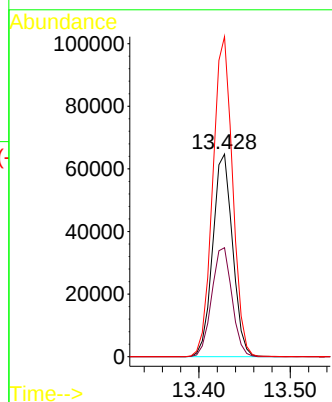
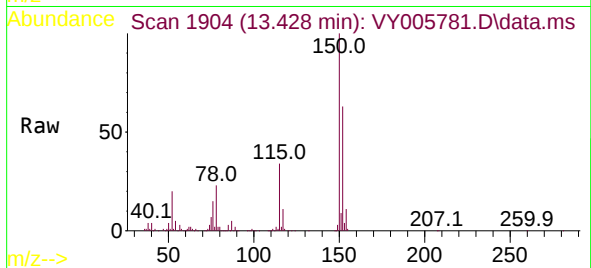




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY005781.D
 Acq: 19 Aug 2021 19:50

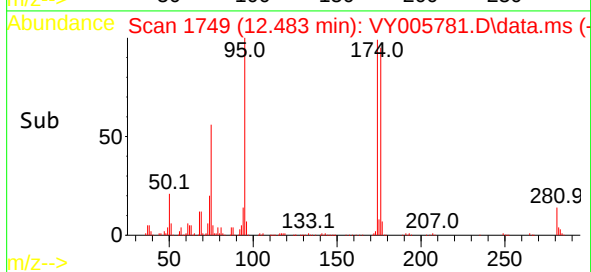
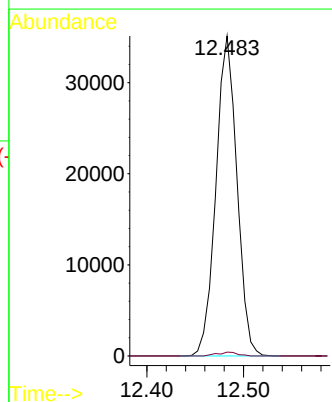
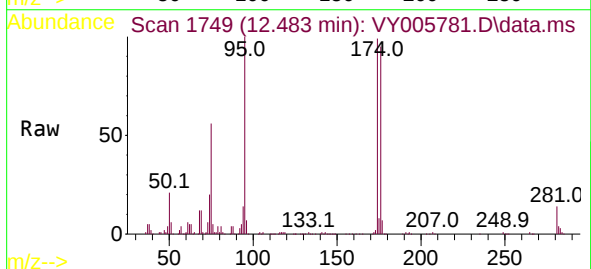
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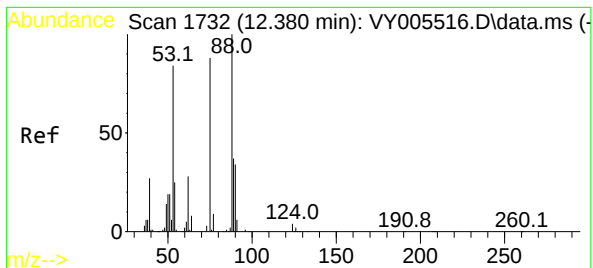
Tgt Ion:152 Resp: 97740
 Ion Ratio Lower Upper
 152 100
 115 54.8 27.3 81.9
 150 157.3 0.0 350.2



#76
 1,2,3-Trichloropropane
 Concen: 52.206 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.153 min
 Lab File: VY005781.D
 Acq: 19 Aug 2021 19:50

Tgt Ion: 75 Resp: 52878
 Ion Ratio Lower Upper
 75 100
 77 1.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 105.241 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.103 min
 Lab File: VY005781.D
 Acq: 19 Aug 2021 19:50

Instrument :
 MSVOA_Y
 ClientSampleId :
 SAMPLE-1-(150.00)-VOC-GRAB

Tgt Ion: 75 Resp: 52878
 Ion Ratio Lower Upper
 75 100
 53 0.0 76.7 115.1#
 89 0.3 38.4 57.6#

