

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072721\
 Data File : VY005468.D
 Acq On : 27 Jul 2021 16:38
 Operator : SY/MD
 Sample : M3142-02
 Misc : 5.74G/5ML/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jul 28 02:34:48 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y072221S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 06:20:14 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

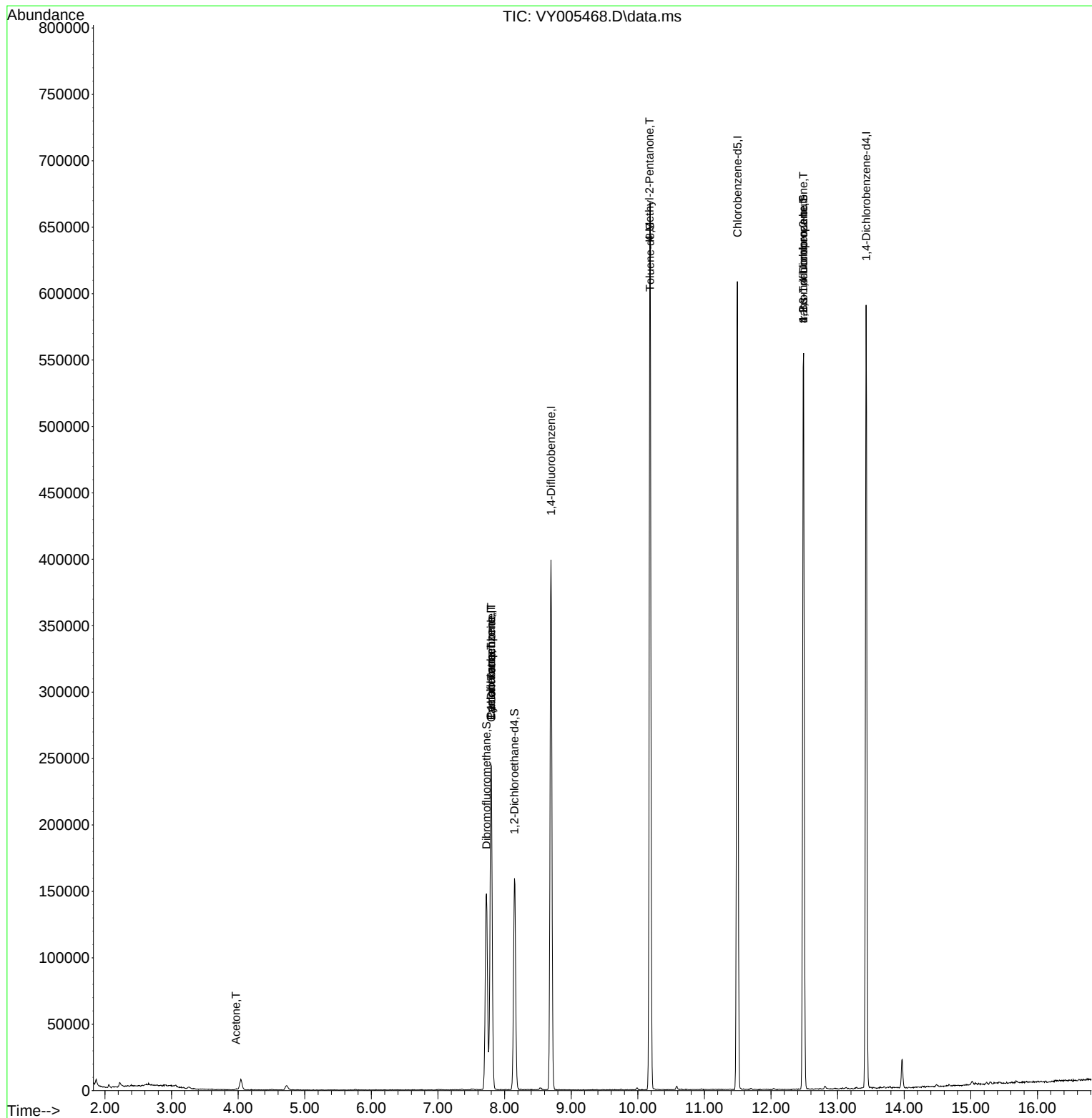
Internal Standards						
1) Pentafluorobenzene	7.795	168	201514	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	332603	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	330361	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	150128	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	131362	61.018	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 122.040%	
35) Dibromofluoromethane	7.728	113	102741	53.498	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.000%	
50) Toluene-d8	10.185	98	425937	52.328	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 104.660%	
62) 4-Bromofluorobenzene	12.483	95	139005	51.743	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 103.480%	
Target Compounds						Qvalue
16) Acetone	3.967	43	1341	2.728	ug/l	90
20) Methylene Chloride	4.729	84	2475	Below Cal		98
31) Cyclohexane	7.795	56	3962	1.078	ug/l #	25
36) 1,1-Dichloropropene	7.795	75	14356	4.464	ug/l #	50
38) Carbon Tetrachloride	7.801	117	18196	5.178	ug/l #	16
51) 4-Methyl-2-Pentanone	10.179	43	1946	1.034	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	77752	52.634	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	77752	102.200	ug/l #	11

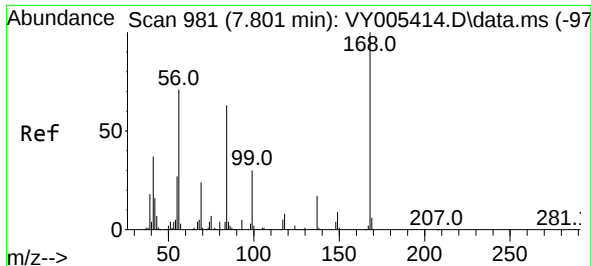
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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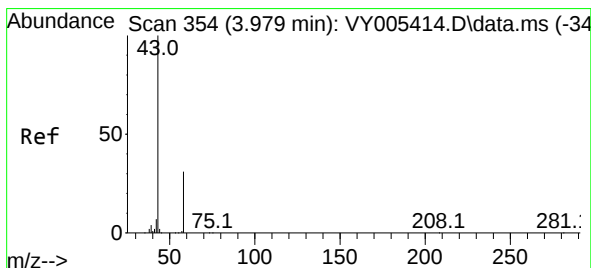
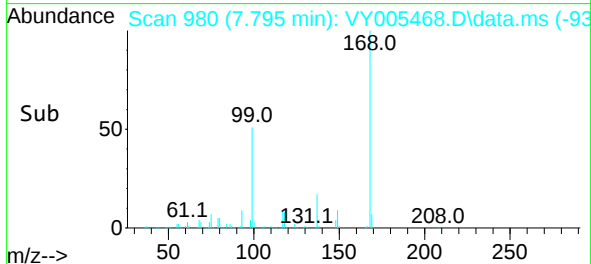
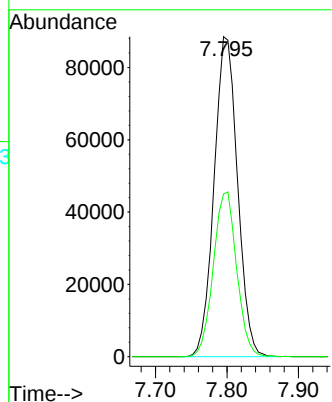
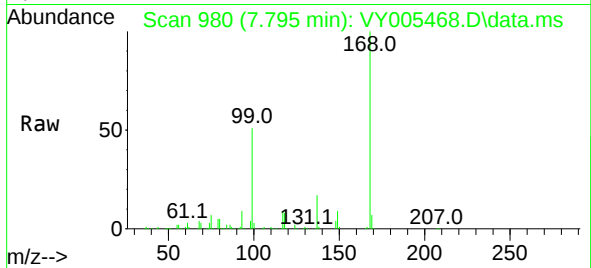




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005468.D
Acq: 27 Jul 2021 16:38

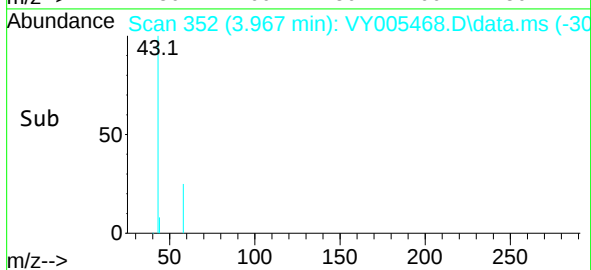
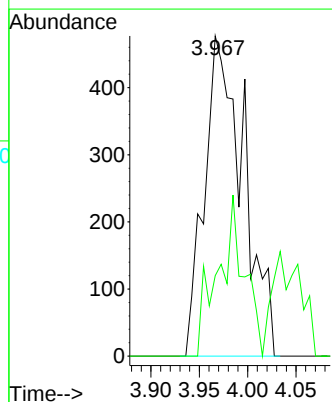
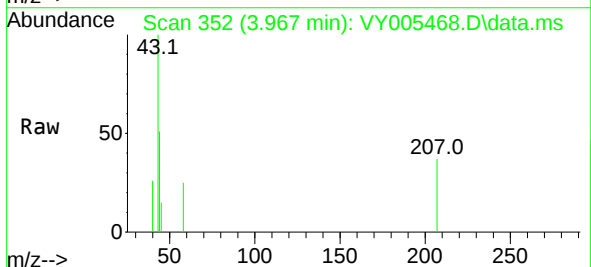
Instrument :
MSVOA_Y
ClientSampled :

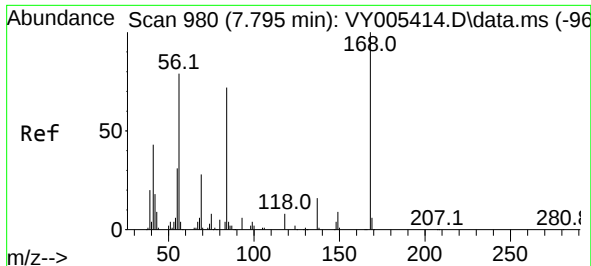
Tgt Ion:168 Resp: 201514
Ion Ratio Lower Upper
168 100
99 50.8 39.8 59.6



#16
Acetone
Concen: 2.728 ug/l
RT: 3.967 min Scan# 352
Delta R.T. -0.012 min
Lab File: VY005468.D
Acq: 27 Jul 2021 16:38

Tgt Ion: 43 Resp: 1341
Ion Ratio Lower Upper
43 100
58 25.2 24.5 36.7

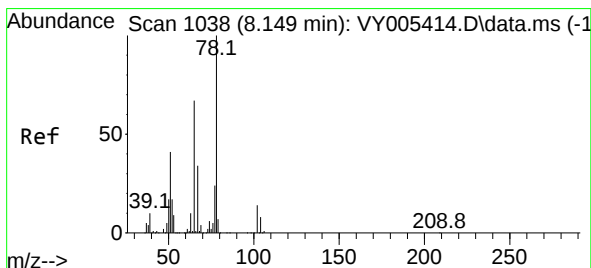
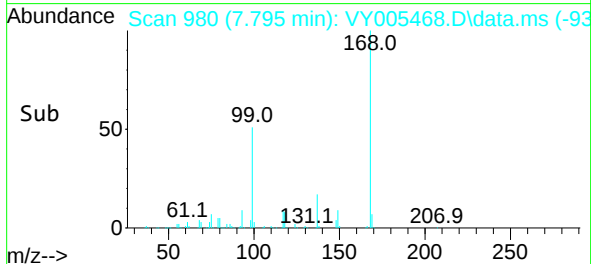
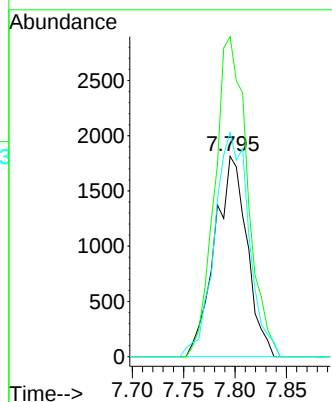
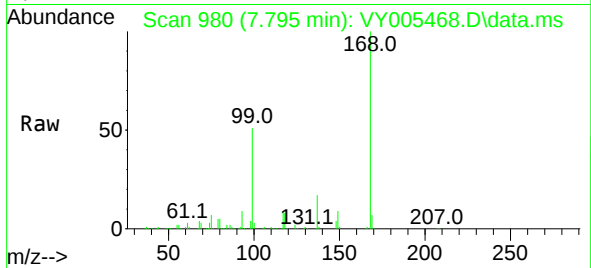




#31
Cyclohexane
Concen: 1.078 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY005468.D
Acq: 27 Jul 2021 16:38

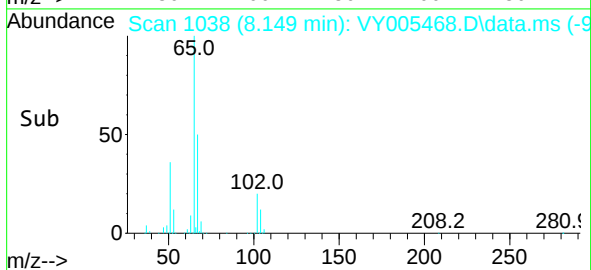
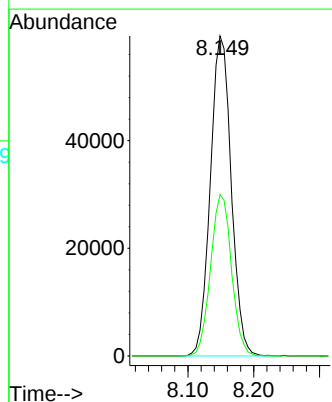
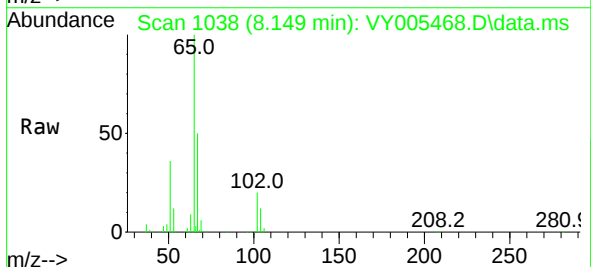
Instrument :
MSVOA_Y
ClientSampleId :

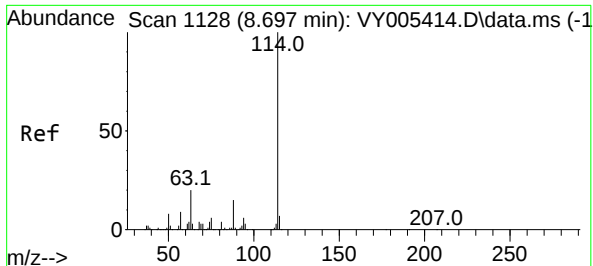
Tgt Ion: 56 Resp: 3962
Ion Ratio Lower Upper
56 100
69 159.7 28.7 43.1#
84 111.9 73.0 109.6#



#33
1,2-Dichloroethane-d4
Concen: 61.018 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY005468.D
Acq: 27 Jul 2021 16:38

Tgt Ion: 65 Resp: 131362
Ion Ratio Lower Upper
65 100
67 50.5 0.0 102.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VY005468.D

Acq: 27 Jul 2021 16:38

Tgt Ion:114 Resp: 332603

Ion Ratio Lower Upper

114 100

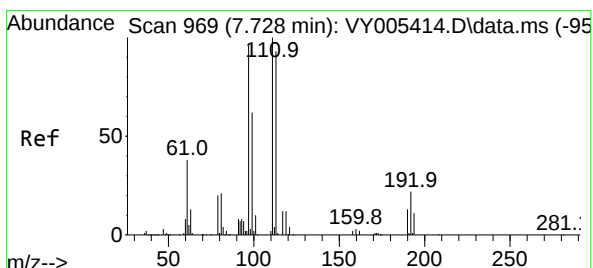
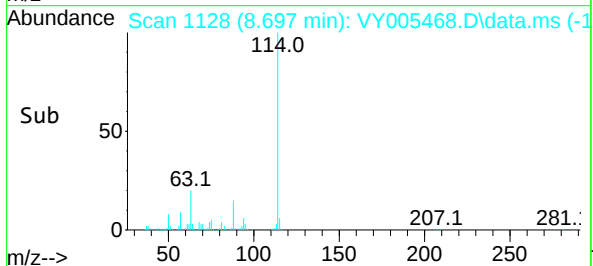
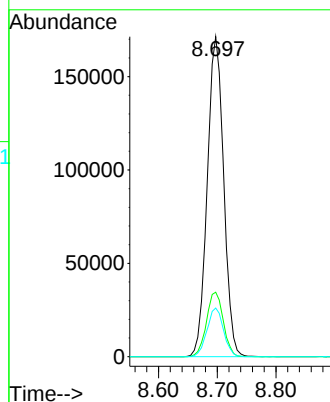
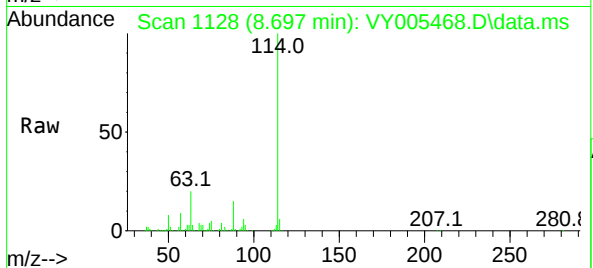
63 20.1 0.0 39.0

88 15.2 0.0 30.8

Instrument :

MSVOA_Y

ClientSampleId :



#35

Dibromofluoromethane

Concen: 53.498 ug/l

RT: 7.728 min Scan# 969

Delta R.T. 0.000 min

Lab File: VY005468.D

Acq: 27 Jul 2021 16:38

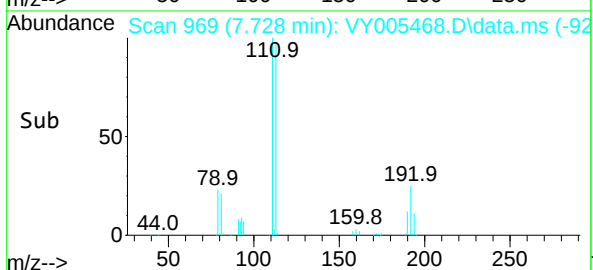
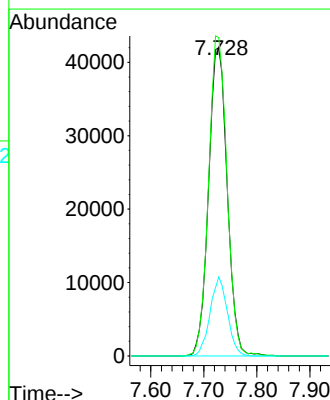
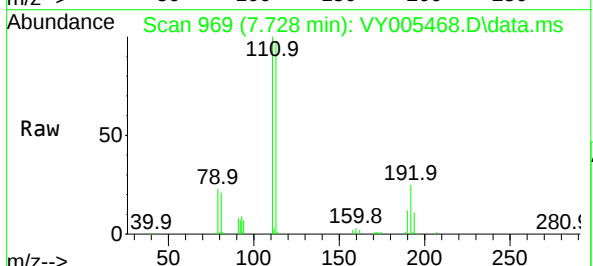
Tgt Ion:113 Resp: 102741

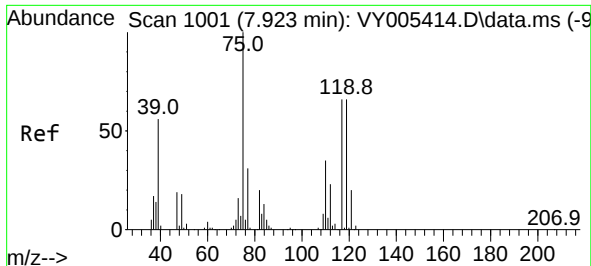
Ion Ratio Lower Upper

113 100

111 102.3 82.6 124.0

192 23.8 18.9 28.3





#36

1,1-Dichloropropene

Concen: 4.464 ug/l

RT: 7.795 min Scan# 980

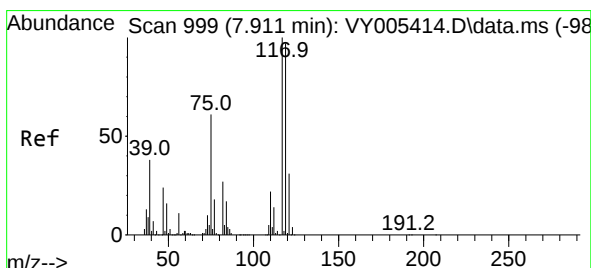
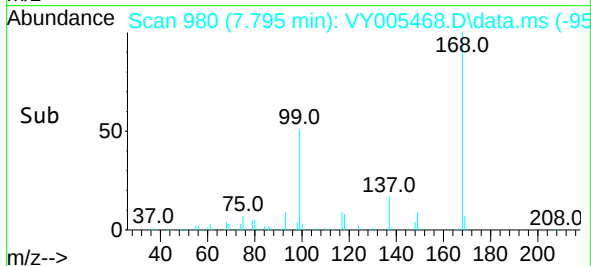
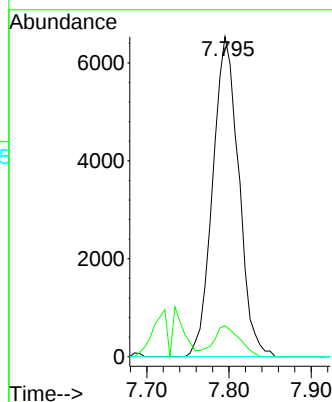
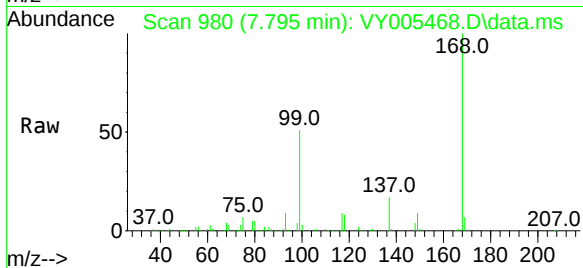
Delta R.T. -0.128 min

Lab File: VY005468.D

Acq: 27 Jul 2021 16:38

Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion:	75	Resp:	14356
Ion	Ratio	Lower	Upper
75	100		
110	9.5	17.6	52.9#
77	0.0	24.6	37.0#



#38

Carbon Tetrachloride

Concen: 5.178 ug/l

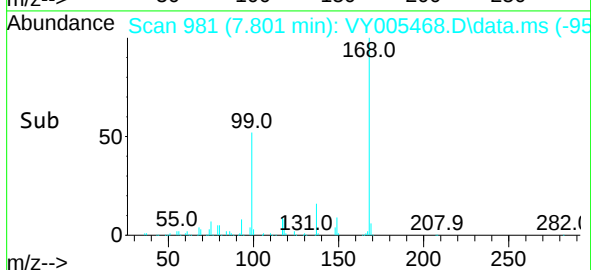
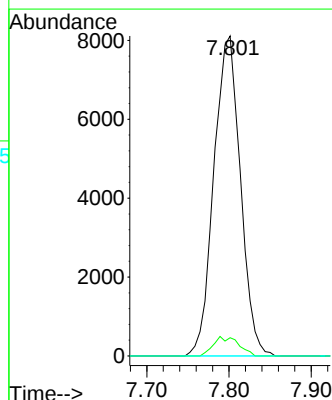
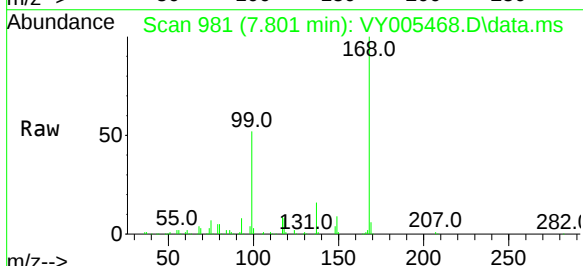
RT: 7.801 min Scan# 981

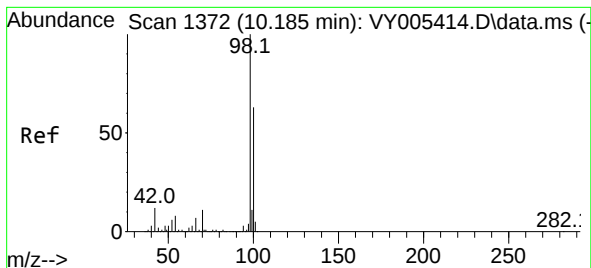
Delta R.T. -0.110 min

Lab File: VY005468.D

Acq: 27 Jul 2021 16:38

Tgt Ion:	117	Resp:	18196
Ion	Ratio	Lower	Upper
117	100		
119	5.7	77.2	115.8#
121	0.0	25.1	37.7#

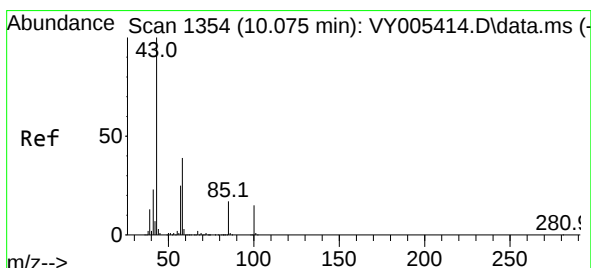
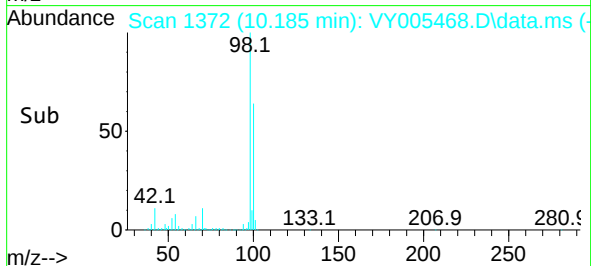
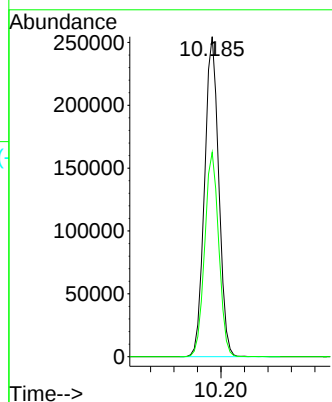
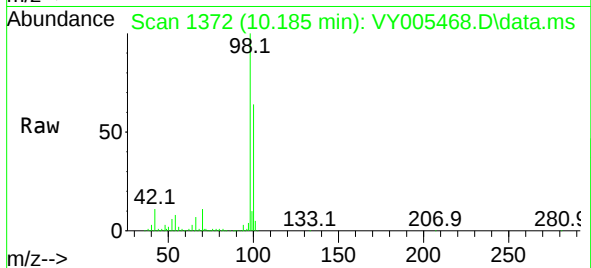




#50
Toluene-d8
Concen: 52.328 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY005468.D
Acq: 27 Jul 2021 16:38

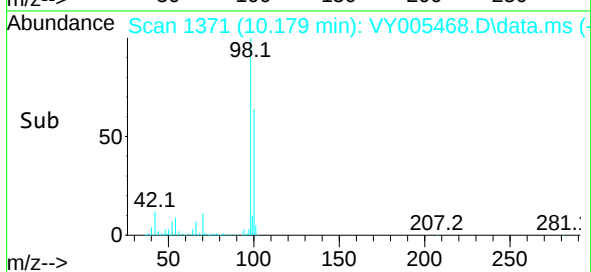
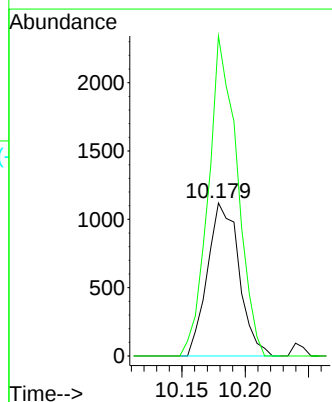
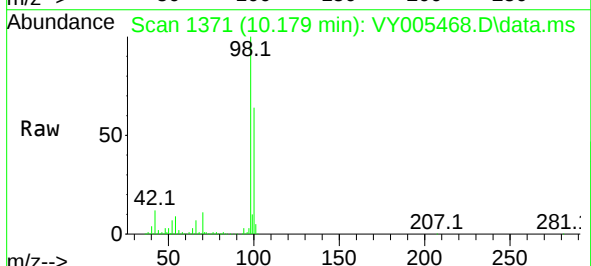
Instrument :
MSVOA_Y
ClientSampled :

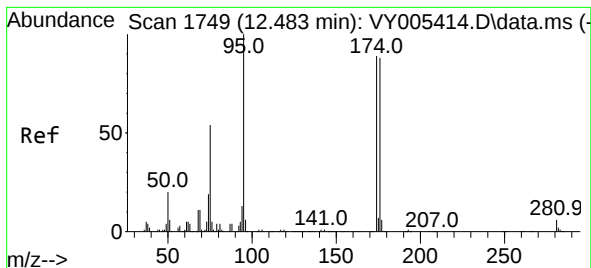
Tgt Ion: 98 Resp: 425937
Ion Ratio Lower Upper
98 100
100 63.3 50.9 76.3



#51
4-Methyl-2-Pentanone
Concen: 1.034 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.104 min
Lab File: VY005468.D
Acq: 27 Jul 2021 16:38

Tgt Ion: 43 Resp: 1946
Ion Ratio Lower Upper
43 100
58 191.0 31.2 46.8#

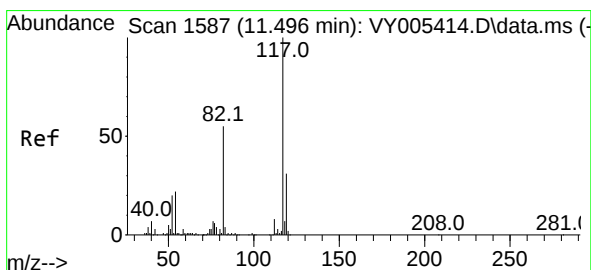
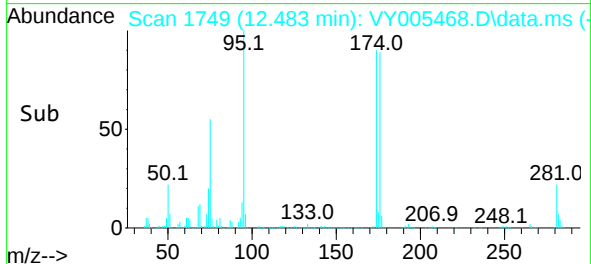
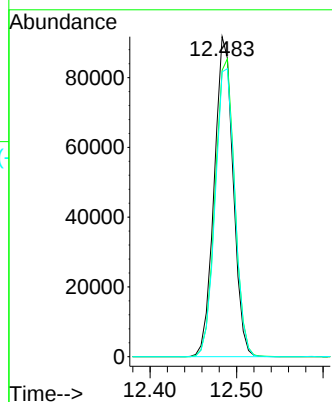
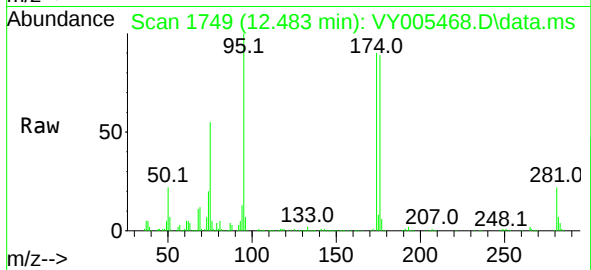




#62
4-Bromofluorobenzene
Concen: 51.743 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005468.D
Acq: 27 Jul 2021 16:38

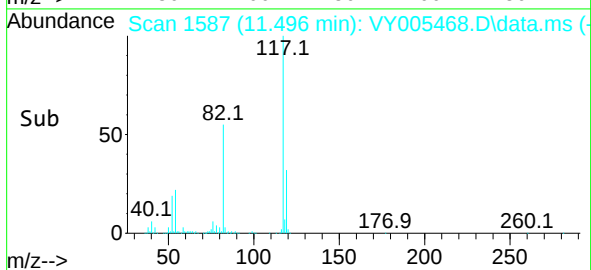
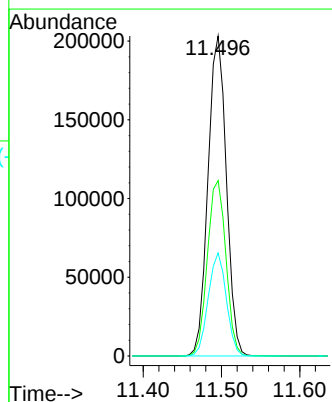
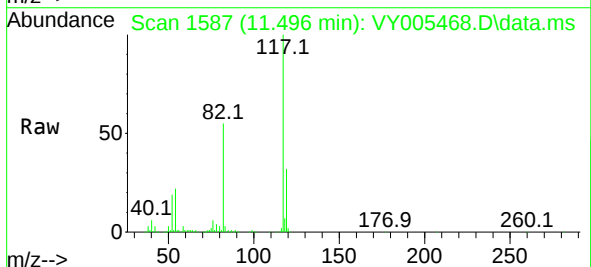
Instrument :
MSVOA_Y
ClientSampleId :

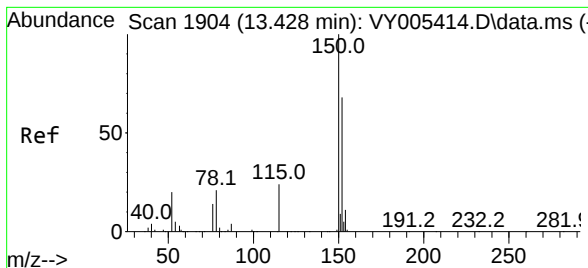
Tgt Ion:	95	Resp:	139005
Ion Ratio	Lower	Upper	
95	100		
174	95.7	0.0	186.6
176	93.3	0.0	182.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY005468.D
Acq: 27 Jul 2021 16:38

Tgt Ion:	117	Resp:	330361
Ion Ratio	Lower	Upper	
117	100		
82	54.8	43.8	65.6
119	32.2	24.8	37.2

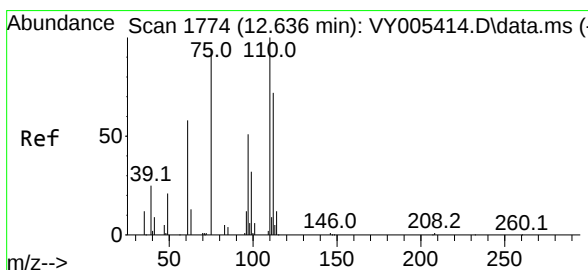
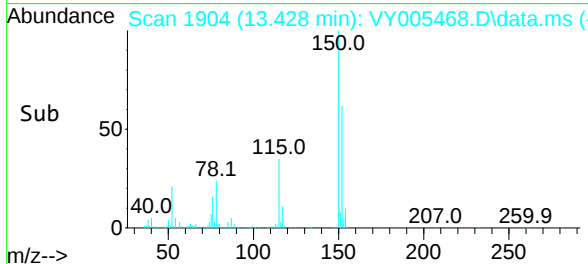
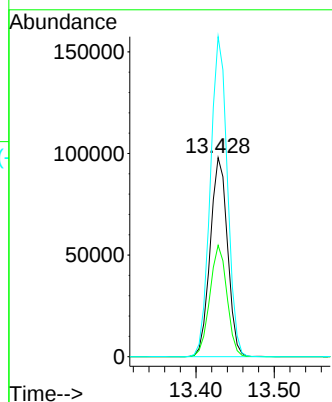
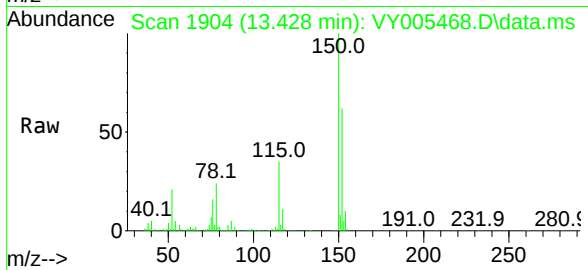




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY005468.D
 Acq: 27 Jul 2021 16:38

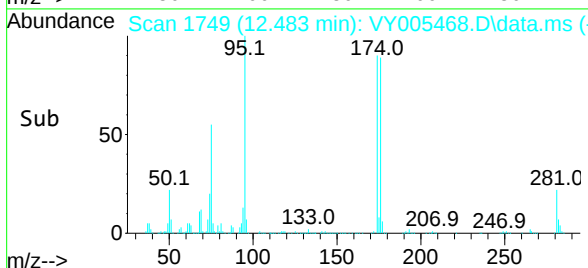
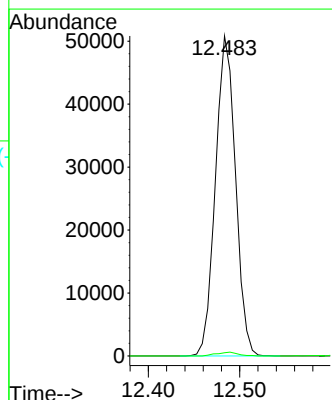
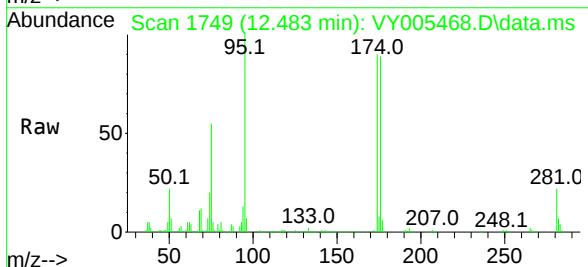
Instrument :
 MSVOA_Y
 ClientSampled :

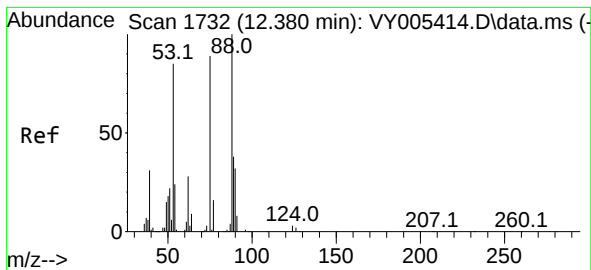
Tgt Ion:152 Resp: 150128
 Ion Ratio Lower Upper
 152 100
 115 55.3 27.7 83.1
 150 158.2 0.0 349.6



#76
 1,2,3-Trichloropropane
 Concen: 52.634 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY005468.D
 Acq: 27 Jul 2021 16:38

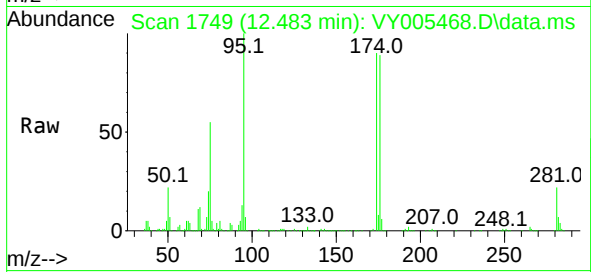
Tgt Ion: 75 Resp: 77752
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 102.200 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY005468.D
 Acq: 27 Jul 2021 16:38

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion:	75	Resp:	77752
Ion	Ratio	Lower	Upper
75	100		
53	0.0	76.1	114.1#
89	0.2	36.9	55.3#

