

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072621\
 Data File : VY005458.D
 Acq On : 26 Jul 2021 20:27
 Operator : SY/MD
 Sample : M3152-10
 Misc : 7.29G/5ML/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jul 27 03:13:43 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)

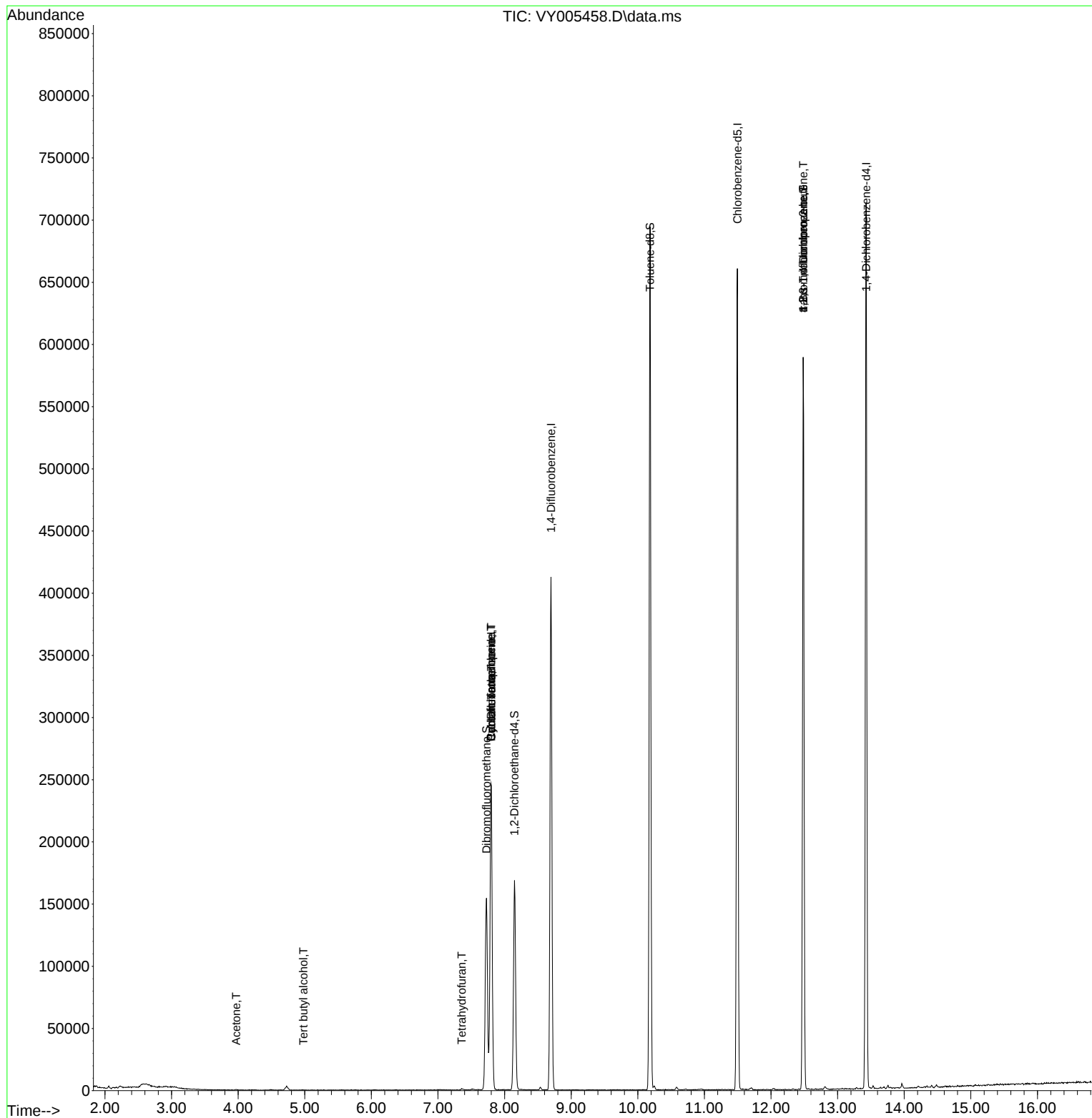
Internal Standards						
1) Pentafluorobenzene	7.801	168	200797	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	344200	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	352922	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	183751	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	134641	62.764	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 125.520%	
35) Dibromofluoromethane	7.728	113	104424	52.542	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.080%	
50) Toluene-d8	10.185	98	437930	51.989	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 103.980%	
62) 4-Bromofluorobenzene	12.483	95	158652	57.066	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 114.140%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.978	59	420	2.073	ug/l #	82
16) Acetone	3.972	43	782	1.596	ug/l #	80
20) Methylene Chloride	4.728	84	2223	Below Cal	#	81
29) Tetrahydrofuran	7.356	42	674	1.387	ug/l	98
31) Cyclohexane	7.801	56	4157	1.135	ug/l #	38
36) 1,1-Dichloropropene	7.795	75	14091	4.234	ug/l #	50
38) Carbon Tetrachloride	7.801	117	18355	5.047	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	88581	48.992	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	88581	95.129	ug/l #	11

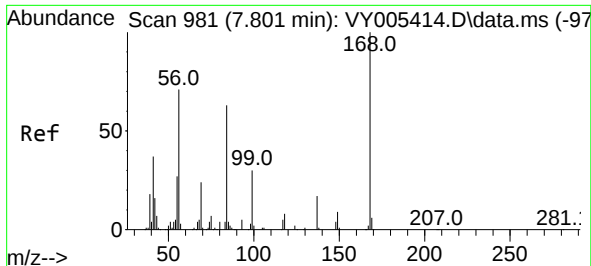
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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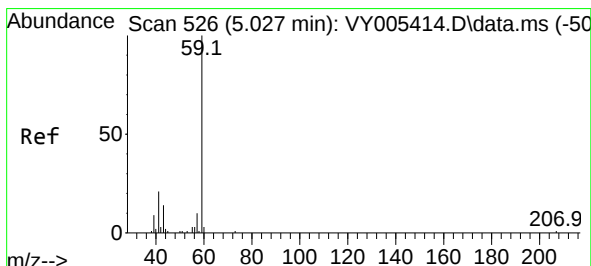
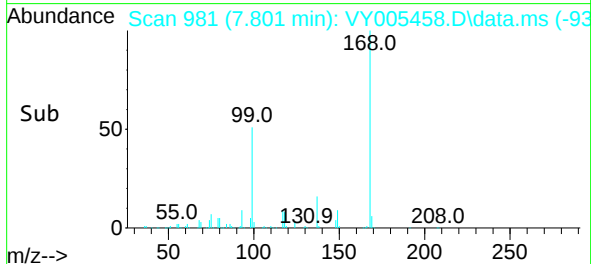
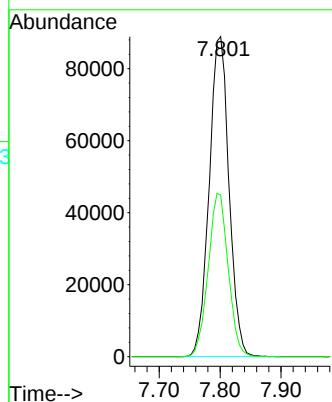
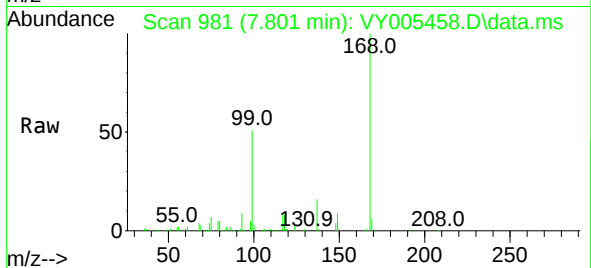




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005458.D
Acq: 26 Jul 2021 20:27

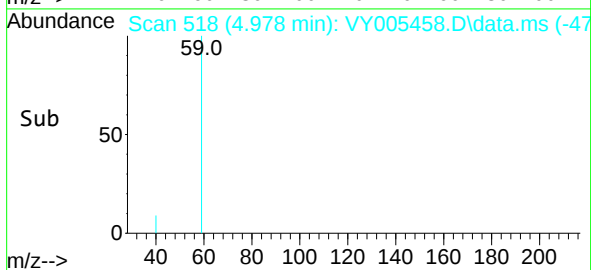
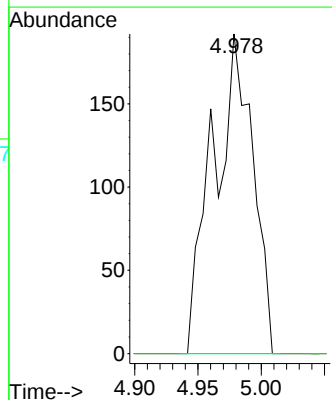
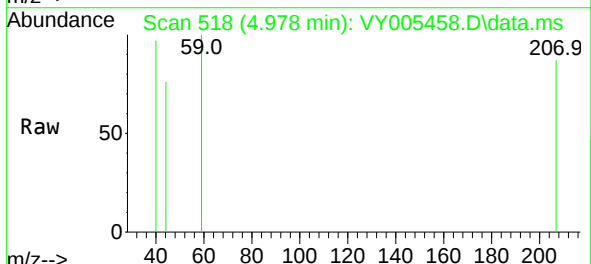
Instrument :
MSVOA_Y
ClientSampleId :

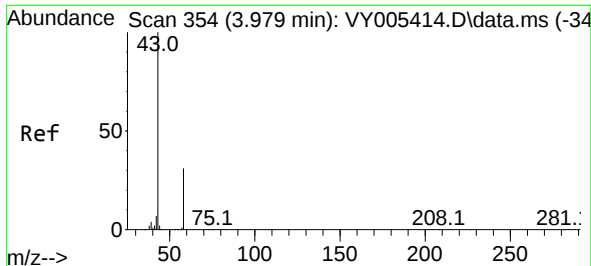
Tgt Ion:168 Resp: 200797
Ion Ratio Lower Upper
168 100
99 50.6 39.8 59.6



#11
Tert butyl alcohol
Concen: 2.073 ug/l
RT: 4.978 min Scan# 518
Delta R.T. -0.049 min
Lab File: VY005458.D
Acq: 26 Jul 2021 20:27

Tgt Ion: 59 Resp: 420
Ion Ratio Lower Upper
59 100
57 0.0 4.7 7.1#

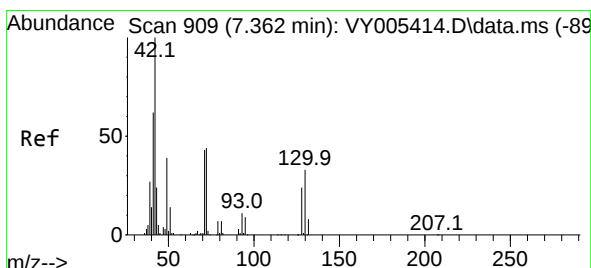
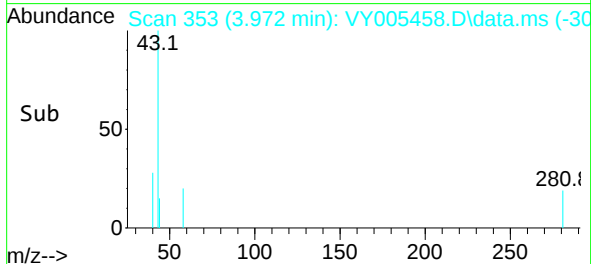
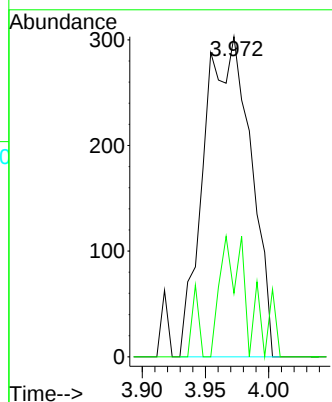
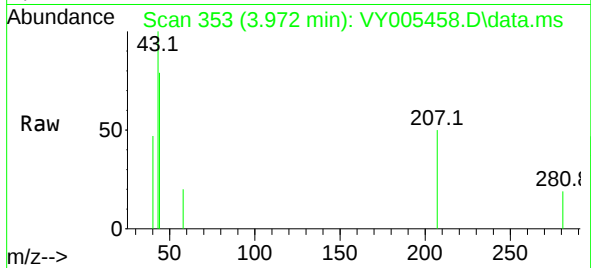




#16
Acetone
Concen: 1.596 ug/l
RT: 3.972 min Scan# 353
Delta R.T. -0.006 min
Lab File: VY005458.D
Acq: 26 Jul 2021 20:27

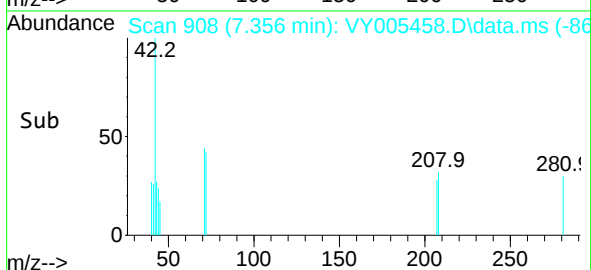
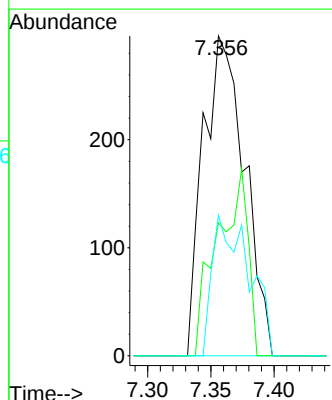
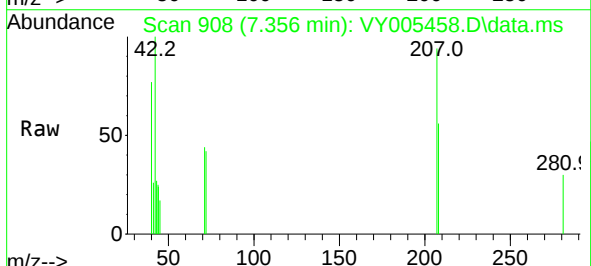
Instrument :
MSVOA_Y
ClientSampled :

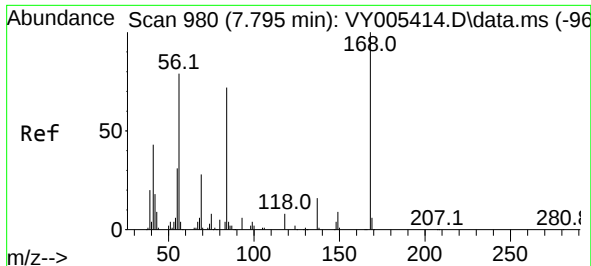
Tgt Ion: 43 Resp: 782
Ion Ratio Lower Upper
43 100
58 19.8 24.5 36.7#



#29
Tetrahydrofuran
Concen: 1.387 ug/l
RT: 7.356 min Scan# 908
Delta R.T. -0.006 min
Lab File: VY005458.D
Acq: 26 Jul 2021 20:27

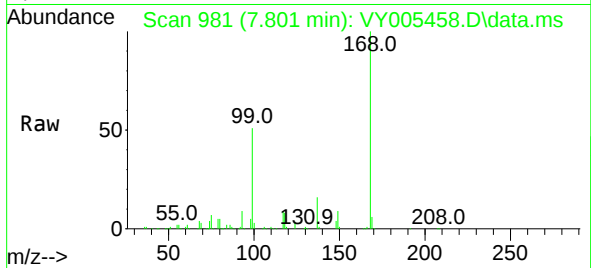
Tgt Ion: 42 Resp: 674
Ion Ratio Lower Upper
42 100
72 43.5 35.3 52.9
71 39.3 33.4 50.2



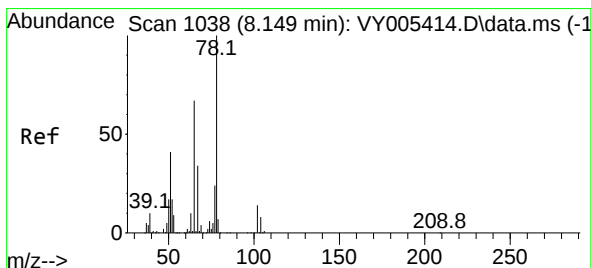
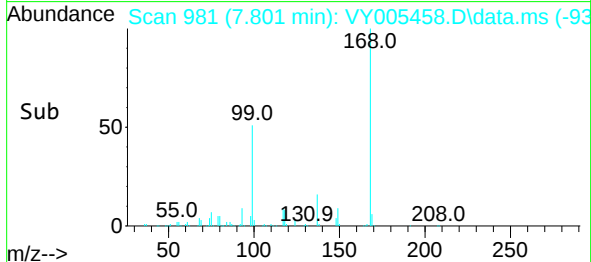
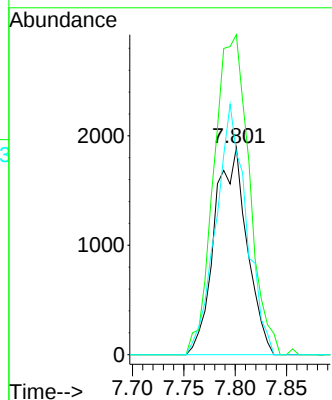


#31
Cyclohexane
Concen: 1.135 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY005458.D
Acq: 26 Jul 2021 20:27

Instrument :
MSVOA_Y
ClientSampleId :

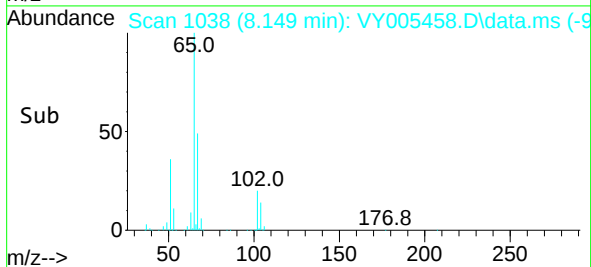
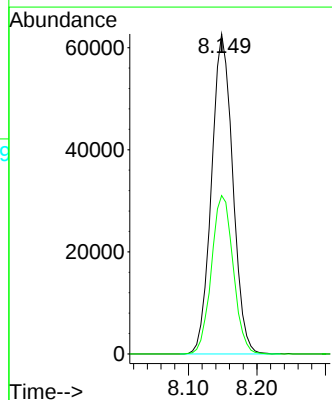
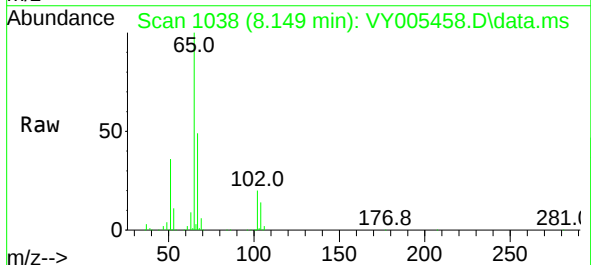


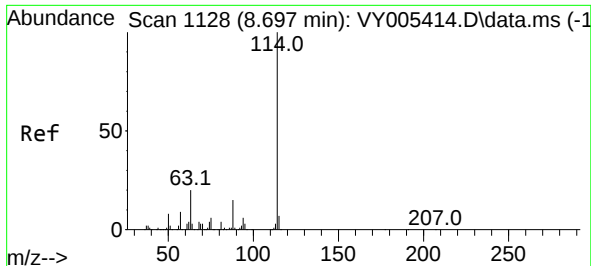
Tgt Ion: 56 Resp: 4157
Ion Ratio Lower Upper
56 100
69 154.4 28.7 43.1#
84 97.4 73.0 109.6



#33
1,2-Dichloroethane-d4
Concen: 62.764 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005458.D
Acq: 26 Jul 2021 20:27

Tgt Ion: 65 Resp: 134641
Ion Ratio Lower Upper
65 100
67 50.8 0.0 102.2

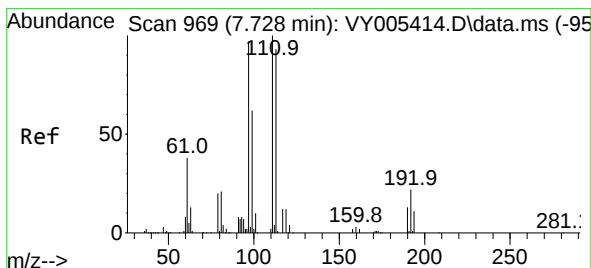
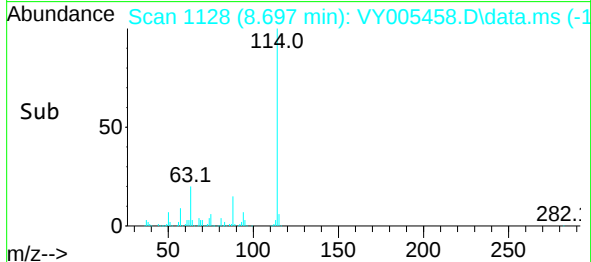
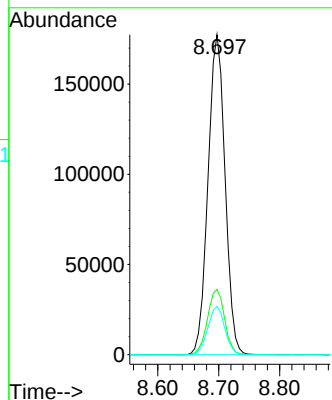
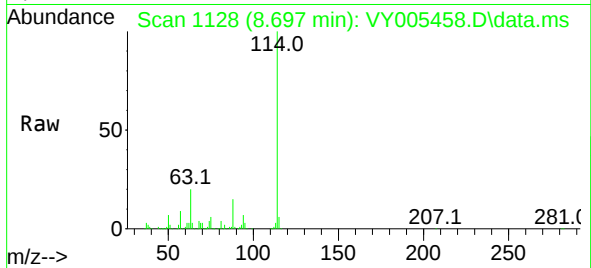




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005458.D
Acq: 26 Jul 2021 20:27

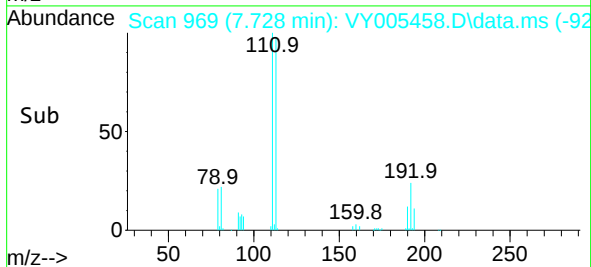
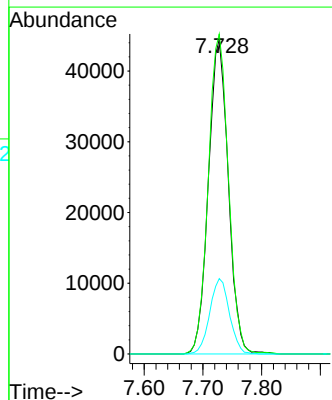
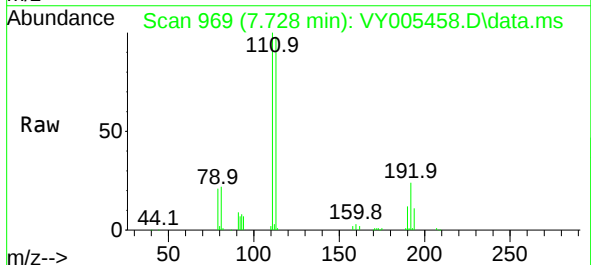
Instrument :
MSVOA_Y
ClientSampleId :

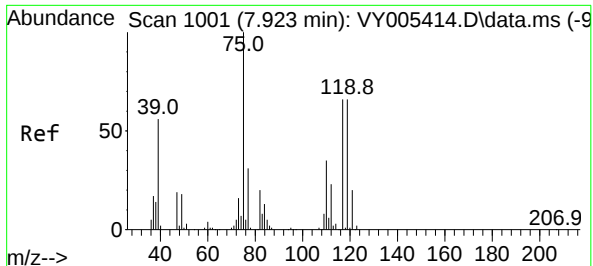
Tgt Ion:114 Resp: 344200
Ion Ratio Lower Upper
114 100
63 20.4 0.0 39.0
88 15.1 0.0 30.8



#35
Dibromofluoromethane
Concen: 52.542 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005458.D
Acq: 26 Jul 2021 20:27

Tgt Ion:113 Resp: 104424
Ion Ratio Lower Upper
113 100
111 103.0 82.6 124.0
192 23.7 18.9 28.3





#36

1,1-Dichloropropene

Concen: 4.234 ug/l

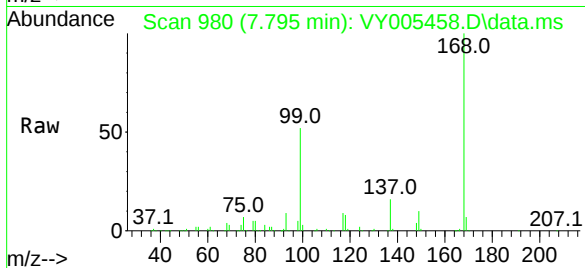
RT: 7.795 min Scan# 980

Delta R.T. -0.128 min

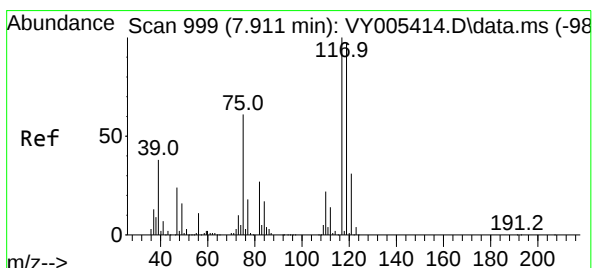
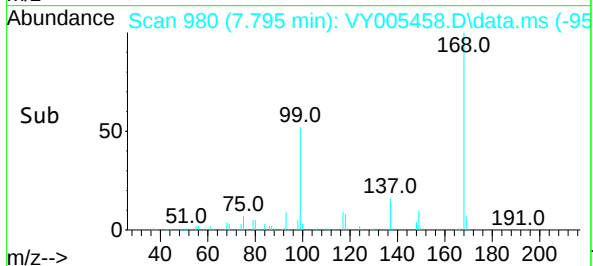
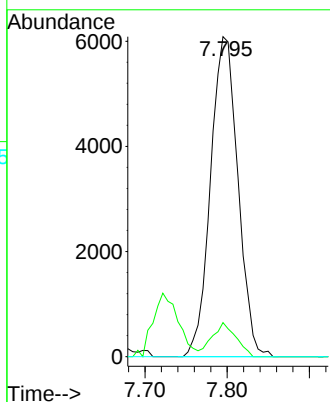
Lab File: VY005458.D

Acq: 26 Jul 2021 20:27

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 75	Resp: 14091
Ion Ratio	Lower Upper
75	100
110	9.3 17.6 52.9#
77	0.0 24.6 37.0#



#38

Carbon Tetrachloride

Concen: 5.047 ug/l

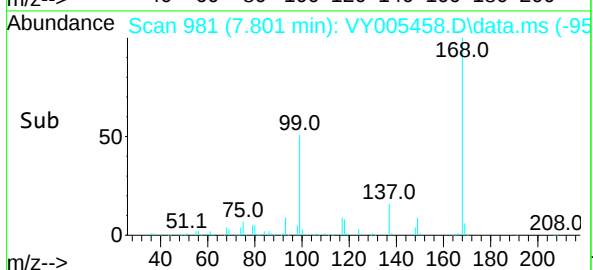
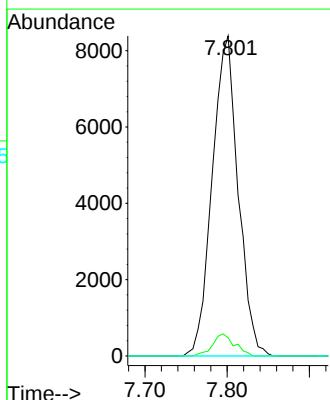
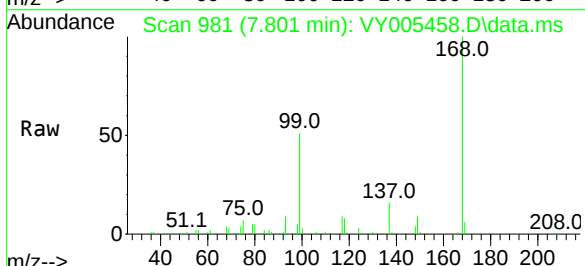
RT: 7.801 min Scan# 981

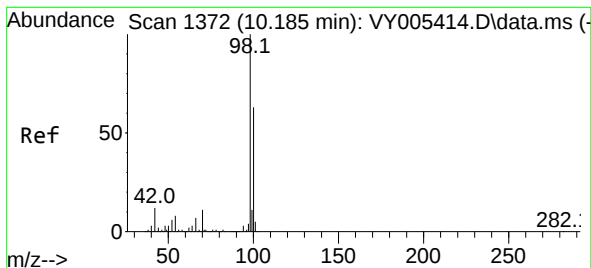
Delta R.T. -0.110 min

Lab File: VY005458.D

Acq: 26 Jul 2021 20:27

Tgt Ion: 117	Resp: 18355
Ion Ratio	Lower Upper
117	100
119	5.7 77.2 115.8#
121	0.0 25.1 37.7#

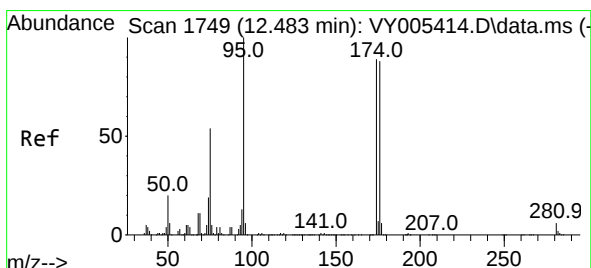
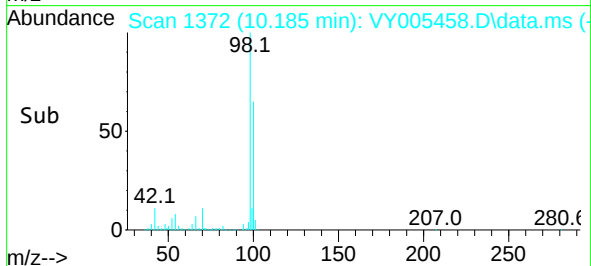
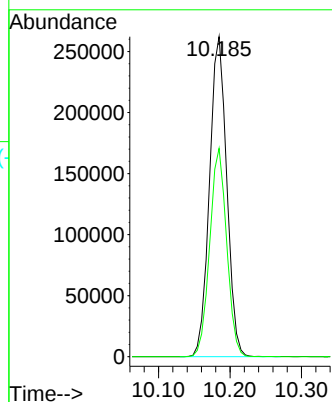
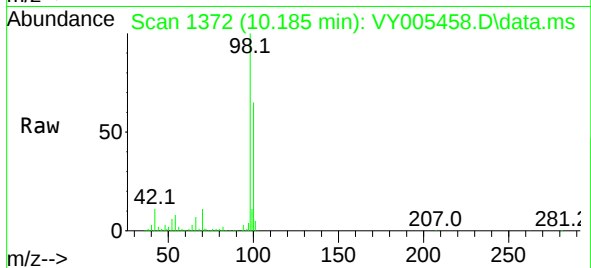




#50
Toluene-d8
Concen: 51.989 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005458.D
Acq: 26 Jul 2021 20:27

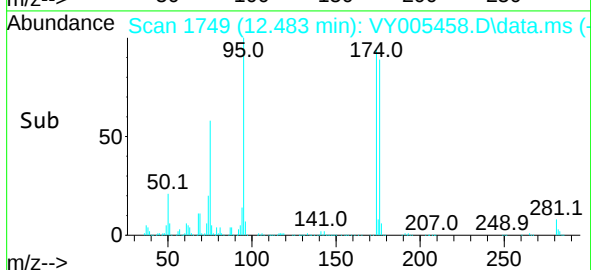
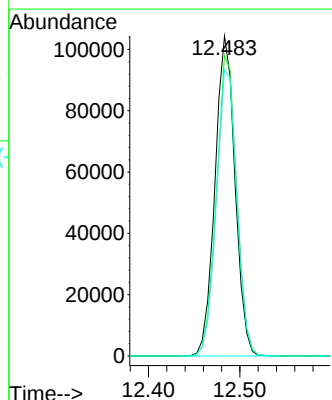
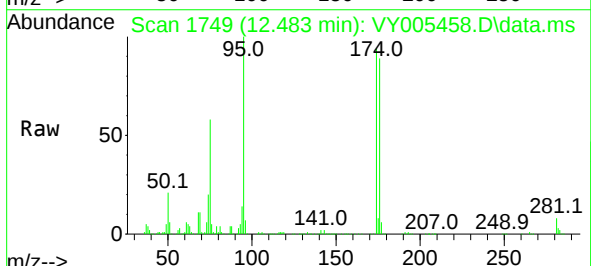
Instrument :
MSVOA_Y
ClientSampleId :

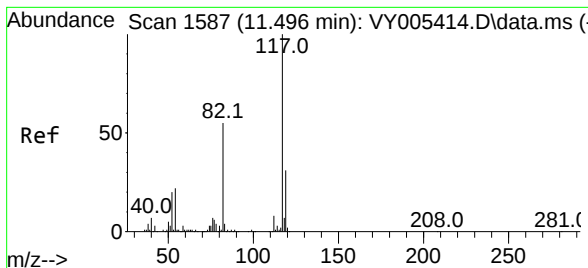
Tgt Ion: 98 Resp: 437930
Ion Ratio Lower Upper
98 100
100 64.0 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 57.066 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005458.D
Acq: 26 Jul 2021 20:27

Tgt Ion: 95 Resp: 158652
Ion Ratio Lower Upper
95 100
174 95.3 0.0 186.6
176 91.6 0.0 182.4

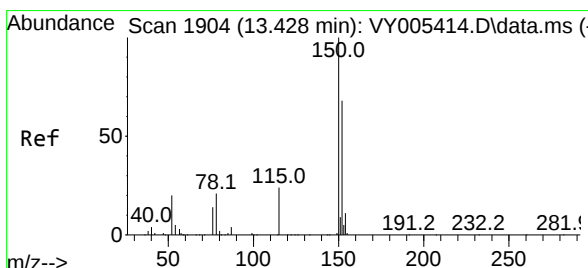
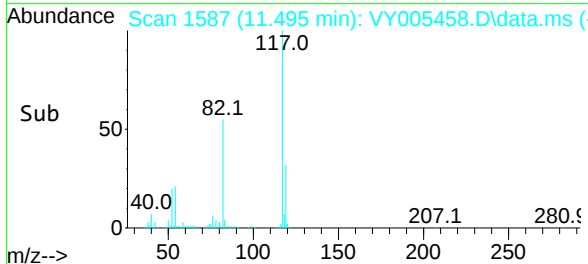
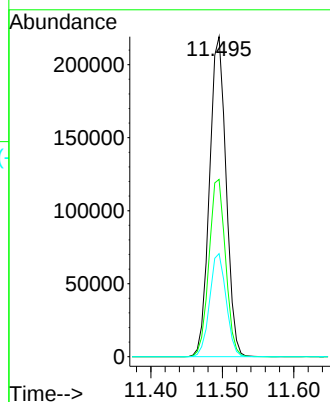
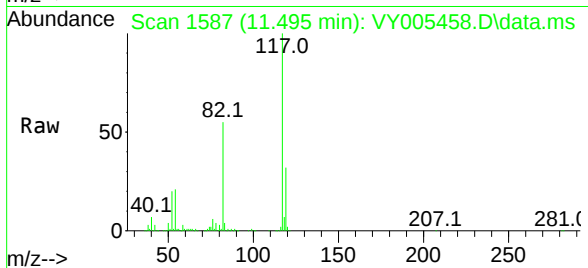




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005458.D
Acq: 26 Jul 2021 20:27

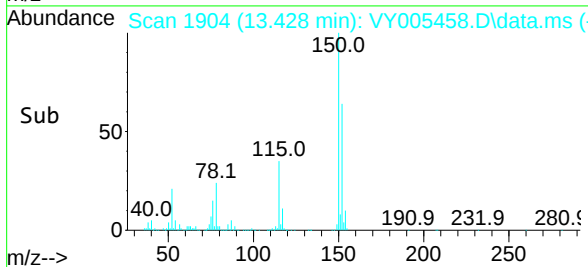
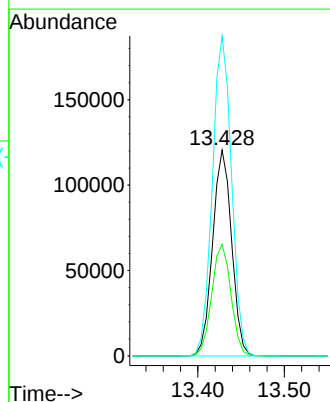
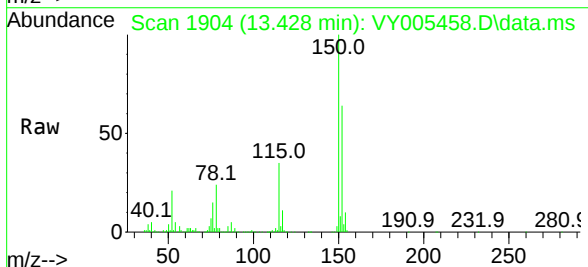
Instrument :
MSVOA_Y
ClientSampleId :

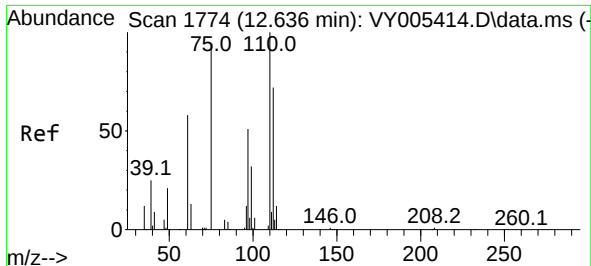
Tgt Ion:117 Resp: 352922
Ion Ratio Lower Upper
117 100
82 55.4 43.8 65.6
119 32.2 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005458.D
Acq: 26 Jul 2021 20:27

Tgt Ion:152 Resp: 183751
Ion Ratio Lower Upper
152 100
115 54.8 27.7 83.1
150 156.4 0.0 349.6

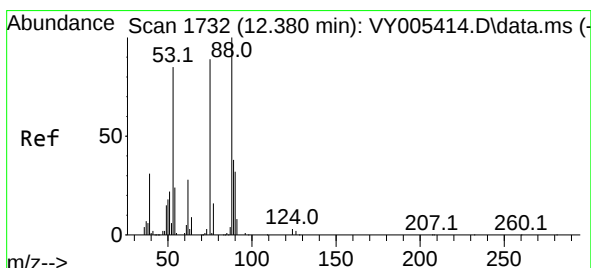
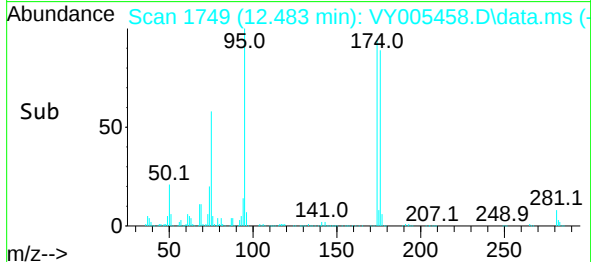
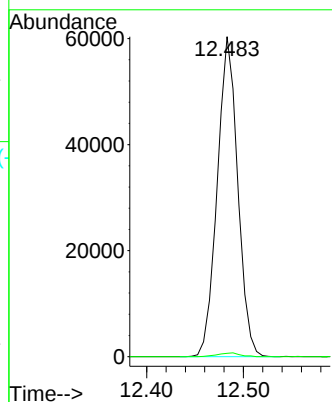
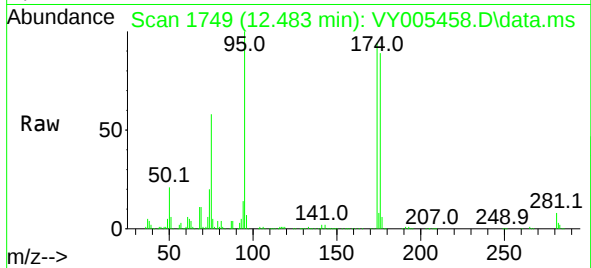




#76
1,2,3-Trichloropropane
Concen: 48.992 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY005458.D
Acq: 26 Jul 2021 20:27

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 88581
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 95.129 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY005458.D
Acq: 26 Jul 2021 20:27

Tgt Ion: 75 Resp: 88581
Ion Ratio Lower Upper
75 100
53 0.0 76.1 114.1#
89 0.2 36.9 55.3#

