

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010622\
 Data File : VY007040.D
 Acq On : 06 Jan 2022 18:15
 Operator : SY/MD
 Sample : N1049-05
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 07 11:48:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010522S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 06 04:51:57 2022
 Response via : Initial Calibration

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

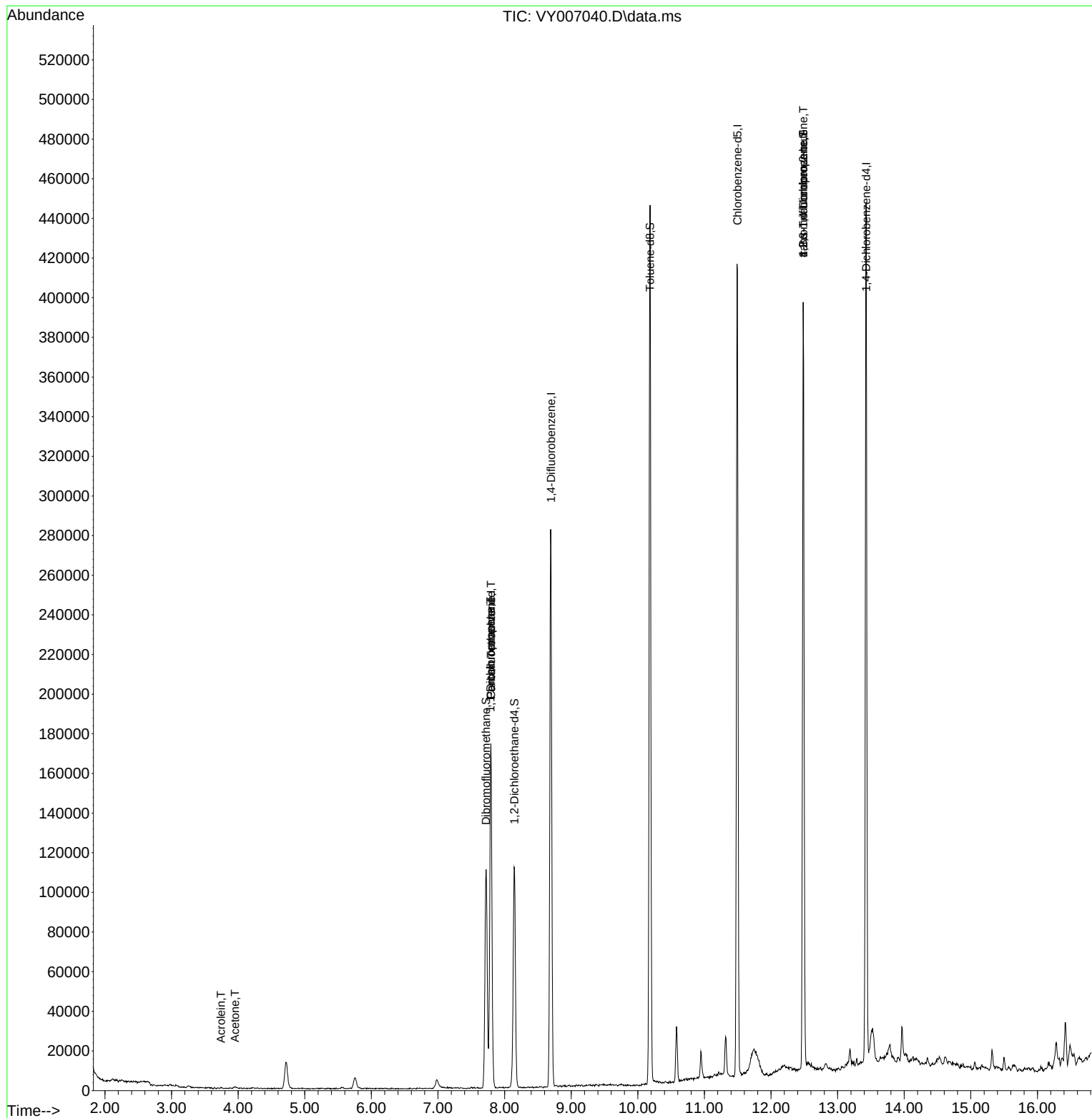
Internal Standards						
1) Pentafluorobenzene	7.795	168	129913	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	243344	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	230268	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	106752	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	88733	57.863	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 115.720%	
35) Dibromofluoromethane	7.722	113	82019	51.275	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.540%	
50) Toluene-d8	10.185	98	297419	50.043	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 100.080%	
62) 4-Bromofluorobenzene	12.483	95	114208	51.025	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 102.040%	
Target Compounds						
					Qvalue	
13) Acrolein	3.741	56	102	2.384	ug/l #	64
16) Acetone	3.954	43	1753	5.189	ug/l #	55
20) Methylene Chloride	4.722	84	10199	Below Cal		97
36) 1,1-Dichloropropene	7.789	75	10448	3.919	ug/l #	49
38) Carbon Tetrachloride	7.795	117	13710	4.917	ug/l #	14
76) 1,2,3-Trichloropropane	12.483	75	58307	43.362	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	58307	79.198	ug/l #	4

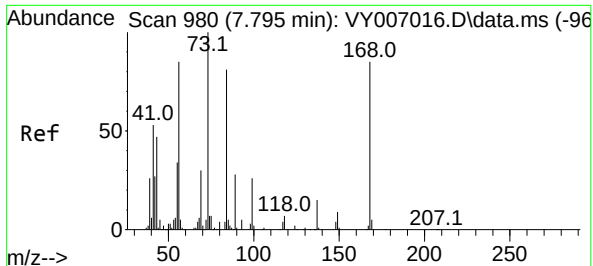
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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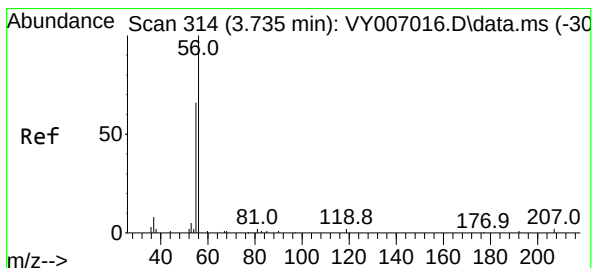
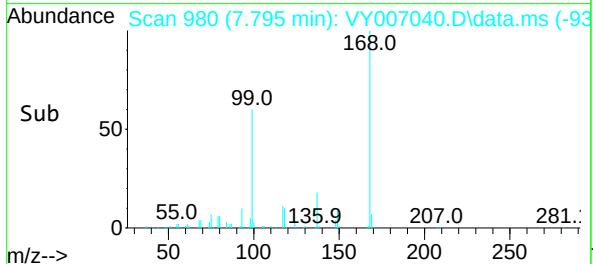
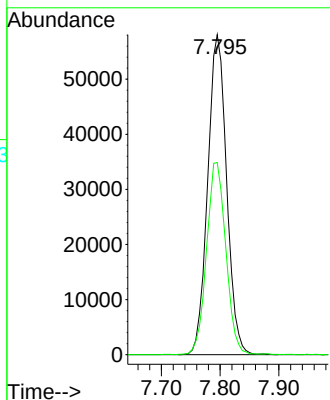
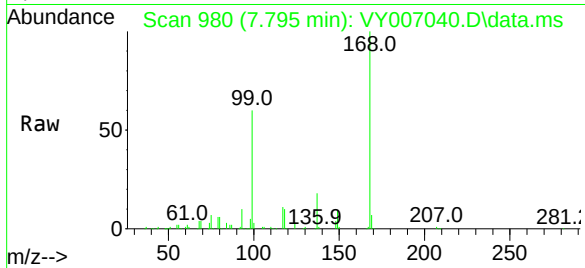




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY007040.D
Acq: 06 Jan 2022 18:15

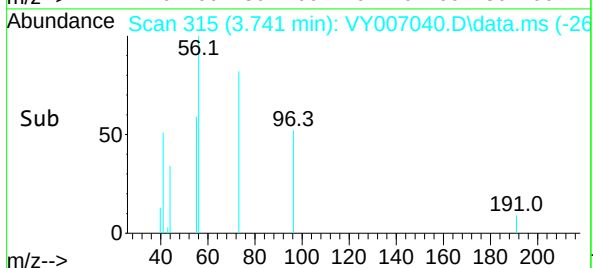
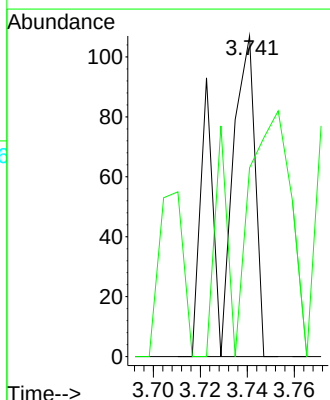
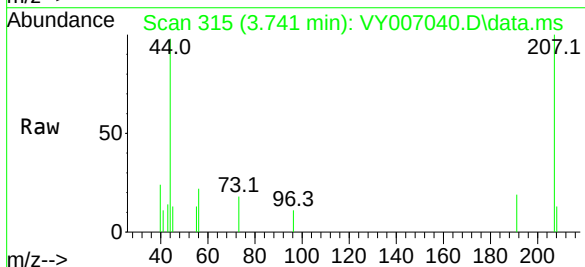
Instrument :
MSVOA_Y
ClientSampleId :

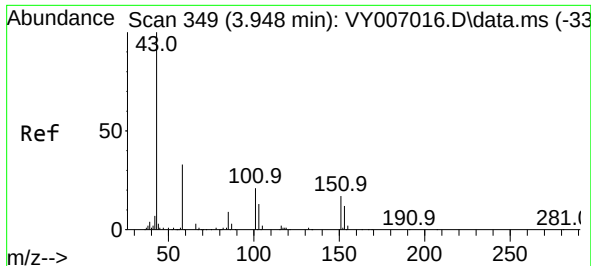
Tgt Ion:168 Resp: 129913
Ion Ratio Lower Upper
168 100
99 59.9 48.9 73.3



#13
Acrolein
Concen: 2.384 ug/l
RT: 3.741 min Scan# 315
Delta R.T. 0.006 min
Lab File: VY007040.D
Acq: 06 Jan 2022 18:15

Tgt Ion: 56 Resp: 102
Ion Ratio Lower Upper
56 100
55 97.1 54.6 82.0#

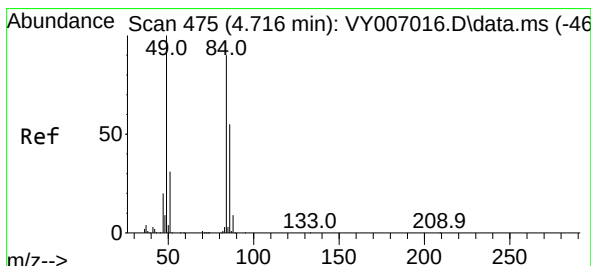
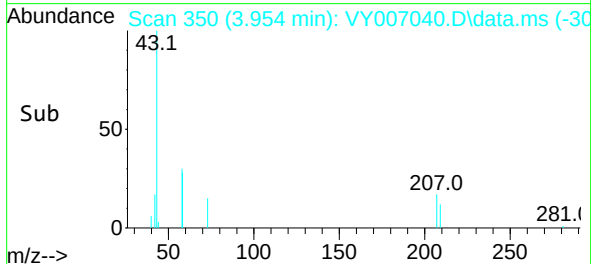
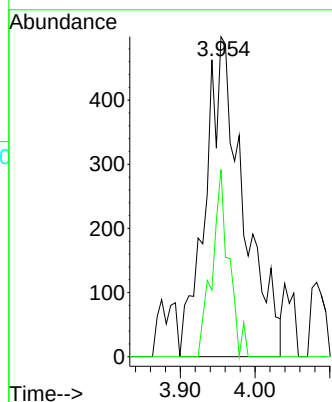
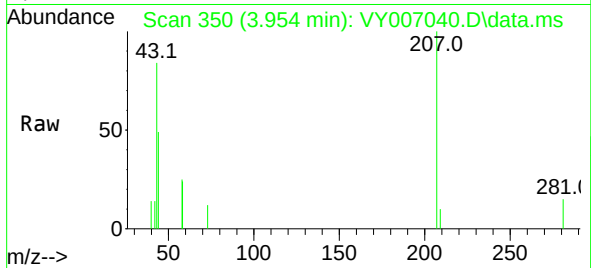




#16
Acetone
Concen: 5.189 ug/l
RT: 3.954 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY007040.D
Acq: 06 Jan 2022 18:15

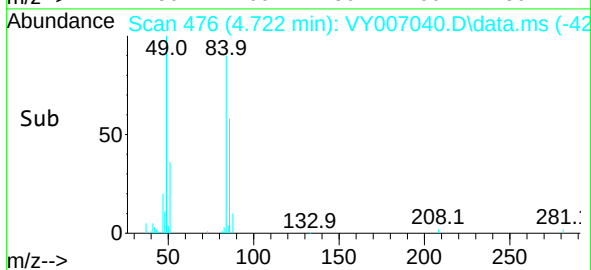
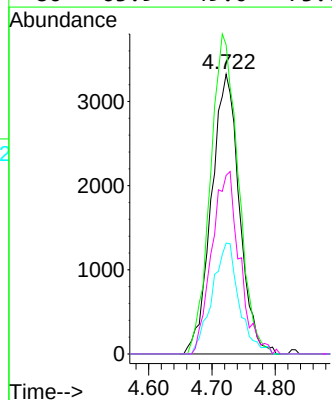
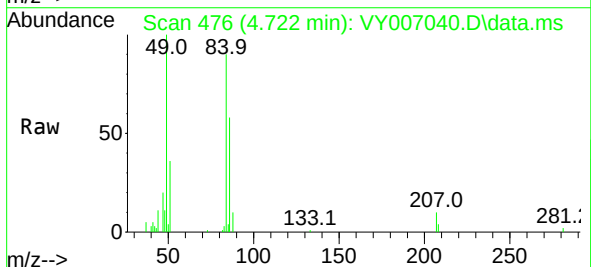
Instrument :
MSVOA_Y
ClientSampleId :

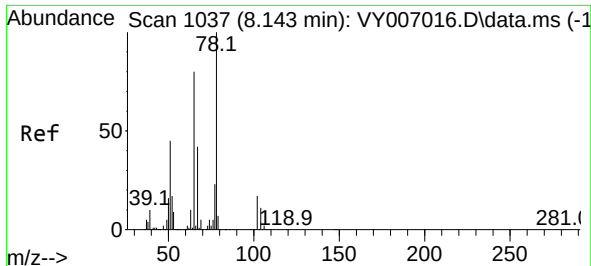
Tgt Ion: 43 Resp: 1753
Ion Ratio Lower Upper
43 100
58 58.5 26.3 39.5#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.722 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY007040.D
Acq: 06 Jan 2022 18:15

Tgt Ion: 84 Resp: 10199
Ion Ratio Lower Upper
84 100
49 110.5 89.4 134.0
51 39.6 27.7 41.5
86 63.9 49.0 73.6





#33

1,2-Dichloroethane-d4

Concen: 57.863 ug/l

RT: 8.149 min Scan# 1037

Delta R.T. 0.006 min

Lab File: VY007040.D

Acq: 06 Jan 2022 18:15

Instrument :

MSVOA_Y

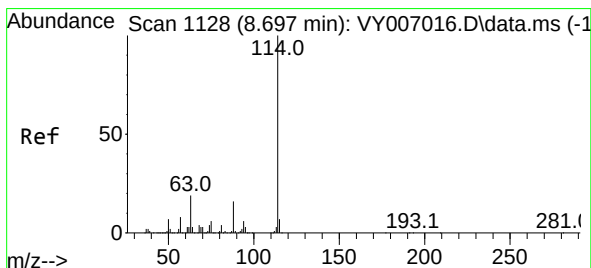
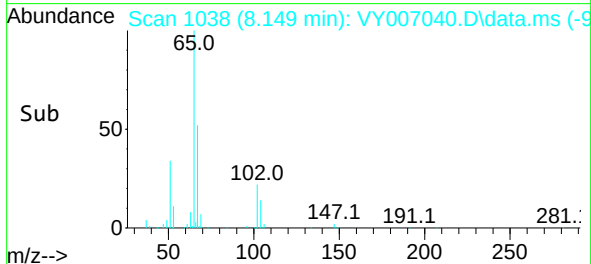
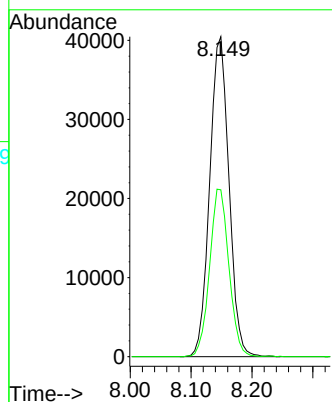
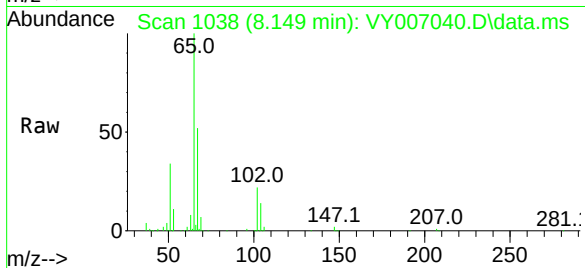
ClientSampleId :

Tgt Ion: 65 Resp: 88733

Ion Ratio Lower Upper

65 100

67 52.6 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VY007040.D

Acq: 06 Jan 2022 18:15

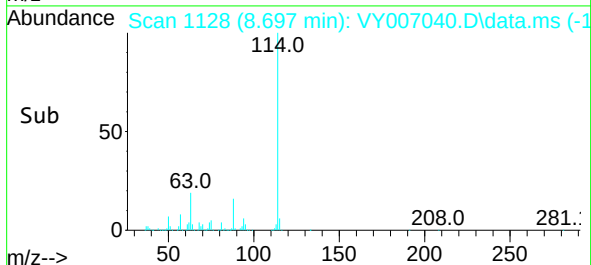
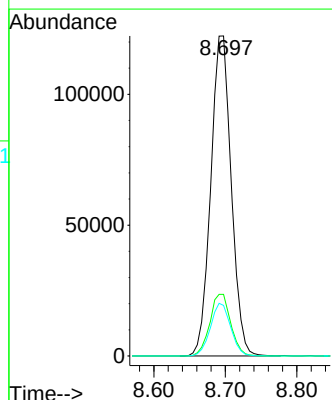
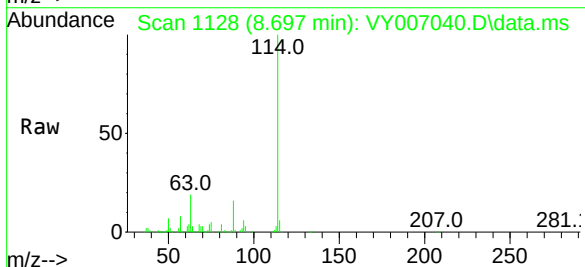
Tgt Ion: 114 Resp: 243344

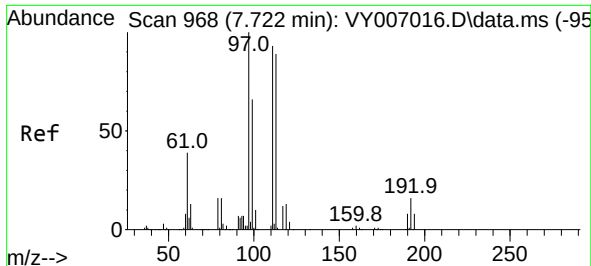
Ion Ratio Lower Upper

114 100

63 19.2 0.0 37.6

88 15.8 0.0 31.8





#35

Dibromofluoromethane

Concen: 51.275 ug/l

RT: 7.722 min Scan# 9

Delta R.T. 0.000 min

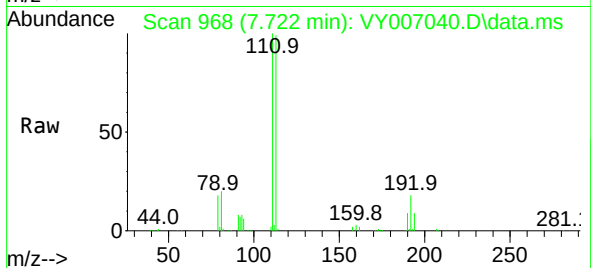
Lab File: VY007040.D

Acq: 06 Jan 2022 18:15

Instrument :

MSVOA_Y

ClientSampleId :



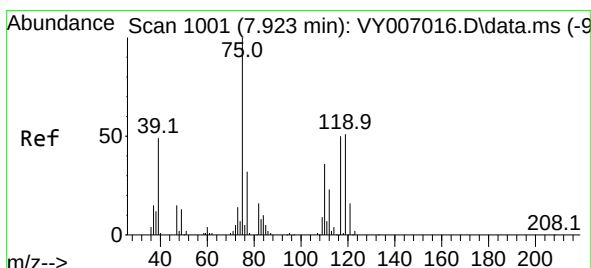
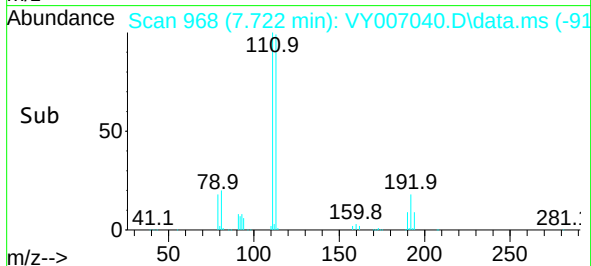
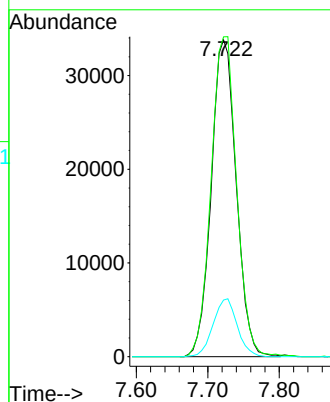
Tgt Ion:113 Resp: 82019

Ion Ratio Lower Upper

113 100

111 103.2 81.9 122.9

192 17.7 14.6 21.8



#36

1,1-Dichloropropene

Concen: 3.919 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.134 min

Lab File: VY007040.D

Acq: 06 Jan 2022 18:15

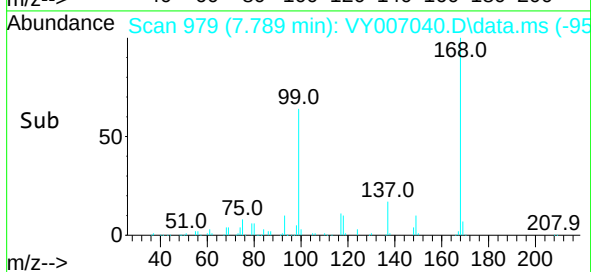
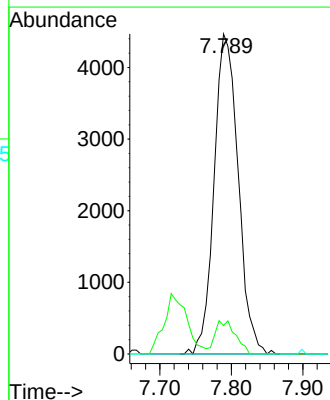
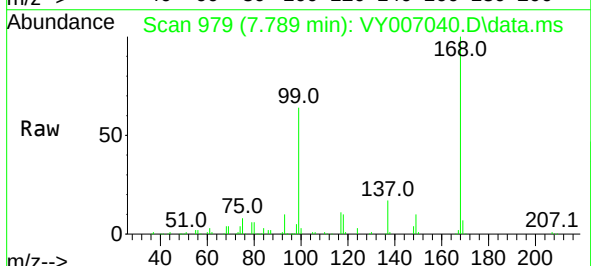
Tgt Ion: 75 Resp: 10448

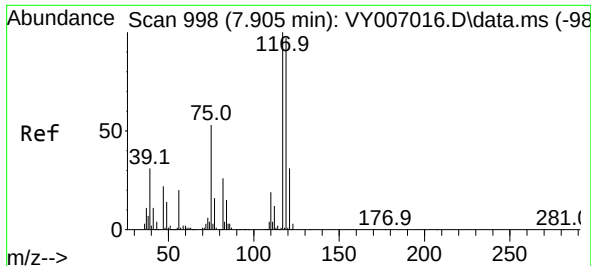
Ion Ratio Lower Upper

75 100

110 8.8 18.0 54.0#

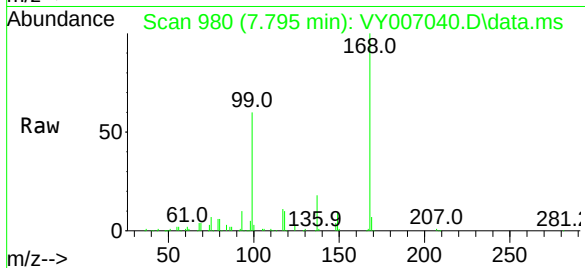
77 0.0 25.4 38.2#



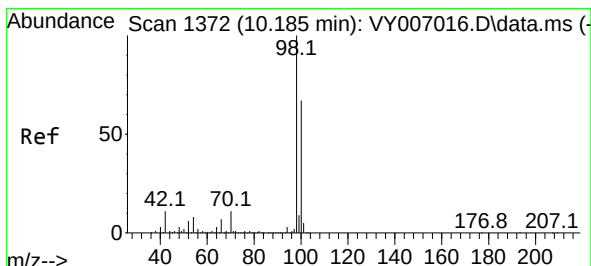
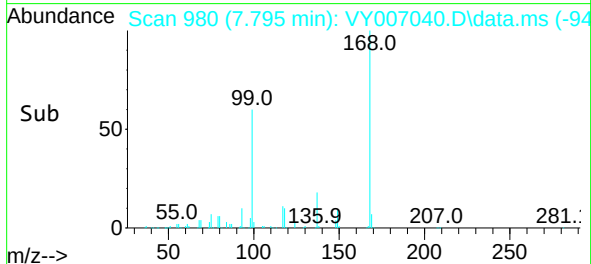
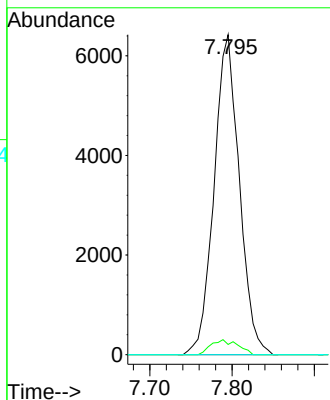


#38
Carbon Tetrachloride
Concen: 4.917 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY007040.D
Acq: 06 Jan 2022 18:15

Instrument :
MSVOA_Y
ClientSampleId :

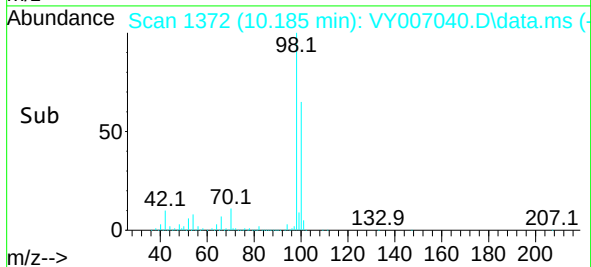
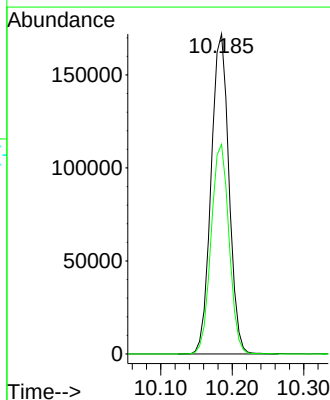
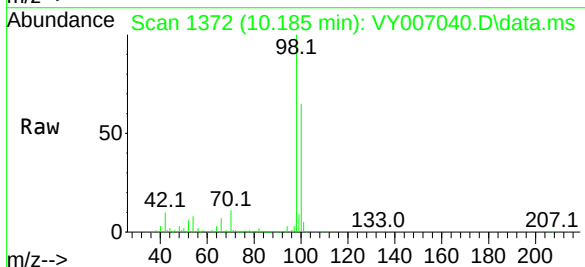


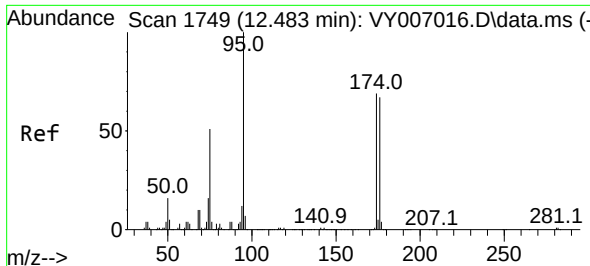
Tgt Ion:117 Resp: 13710
Ion Ratio Lower Upper
117 100
119 3.2 77.7 116.5#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 50.043 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY007040.D
Acq: 06 Jan 2022 18:15

Tgt Ion: 98 Resp: 297419
Ion Ratio Lower Upper
98 100
100 65.9 52.8 79.2

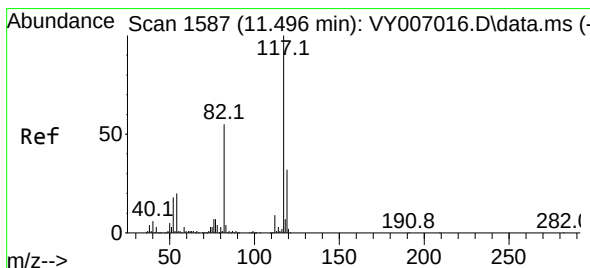
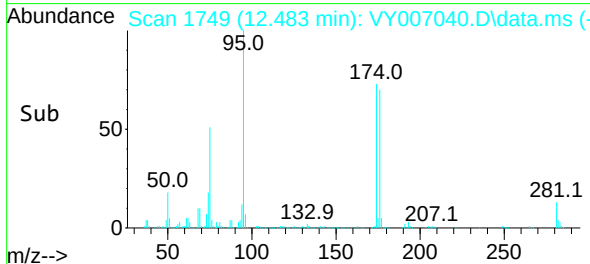
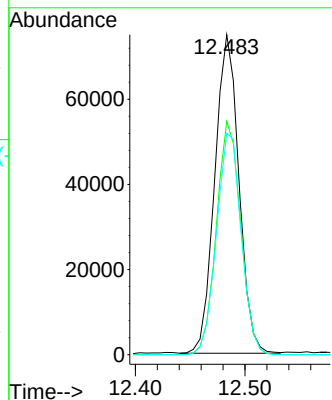
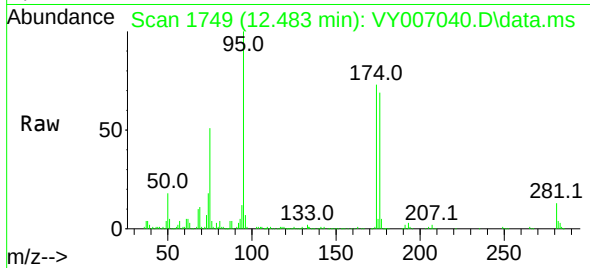




#62
4-Bromofluorobenzene
Concen: 51.025 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY007040.D
Acq: 06 Jan 2022 18:15

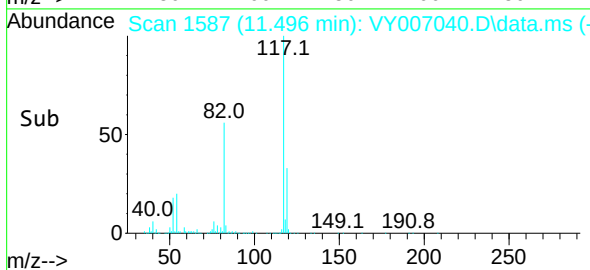
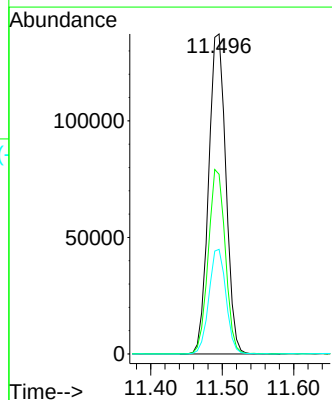
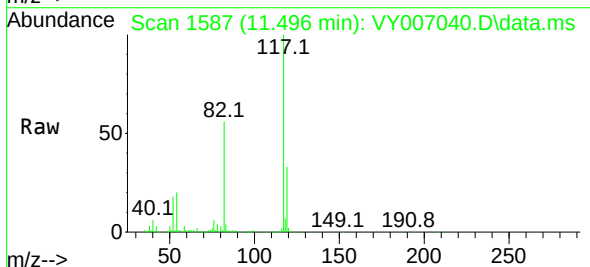
Instrument :
MSVOA_Y
ClientSampleId :

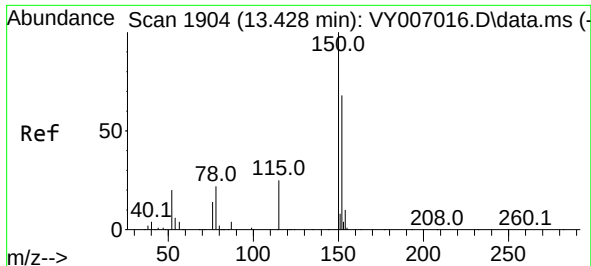
Tgt Ion: 95 Resp: 114208
Ion Ratio Lower Upper
95 100
174 74.0 0.0 144.6
176 71.6 0.0 141.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY007040.D
Acq: 06 Jan 2022 18:15

Tgt Ion: 117 Resp: 230268
Ion Ratio Lower Upper
117 100
82 56.0 44.1 66.1
119 32.7 25.3 37.9

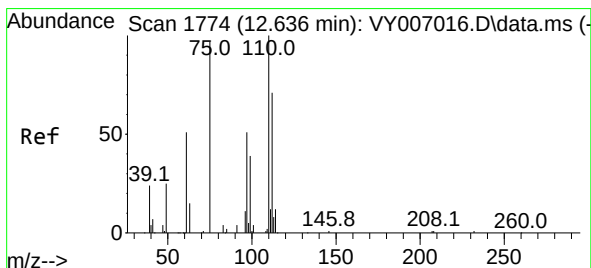
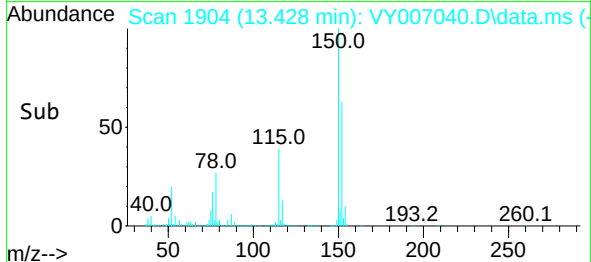
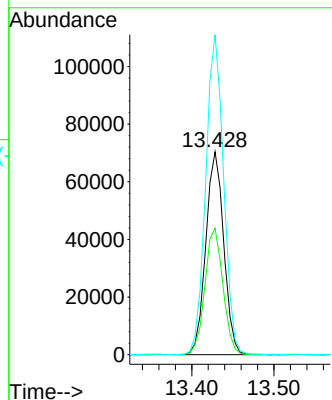
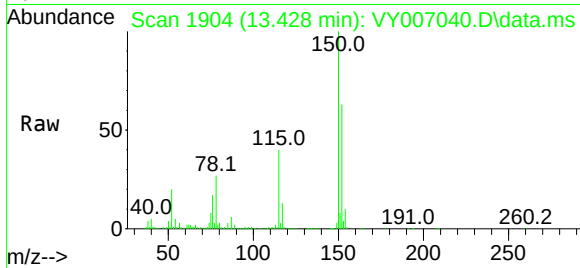




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY007040.D
 Acq: 06 Jan 2022 18:15

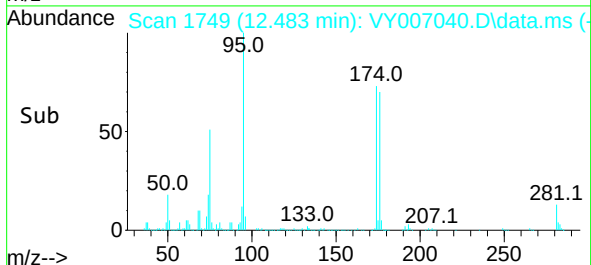
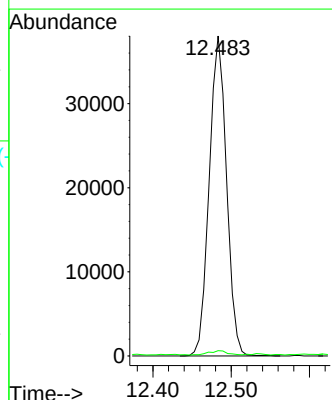
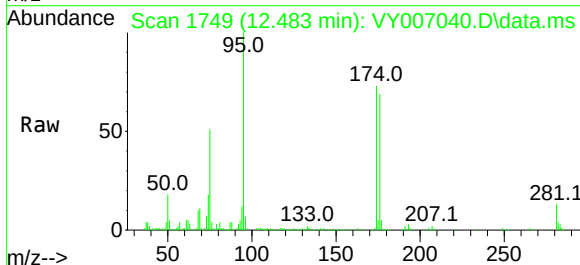
Instrument :
 MSVOA_Y
 ClientSampleId :

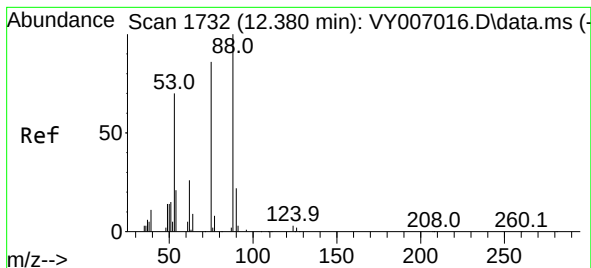
Tgt Ion:152 Resp: 106752
 Ion Ratio Lower Upper
 152 100
 115 62.9 31.9 95.5
 150 157.3 0.0 358.0



#76
 1,2,3-Trichloropropane
 Concen: 43.362 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY007040.D
 Acq: 06 Jan 2022 18:15

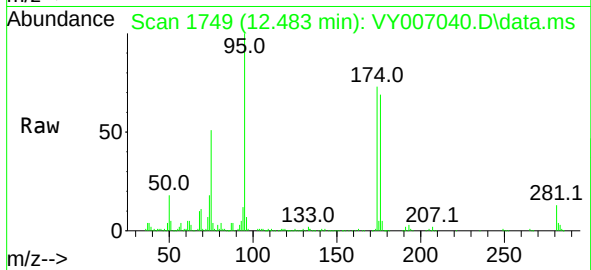
Tgt Ion: 75 Resp: 58307
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 79.198 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY007040.D
 Acq: 06 Jan 2022 18:15

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 58307
 Ion Ratio Lower Upper
 75 100
 53 0.1 72.2 108.4#
 89 0.7 0.0 0.0#

