

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112222\
 Data File : VY011552.D
 Acq On : 22 Nov 2022 16:48
 Operator : KP/MD
 Sample : N5718-03RE
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 23 04:08:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 19 22:37:14 2022
 Response via : Initial Calibration

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

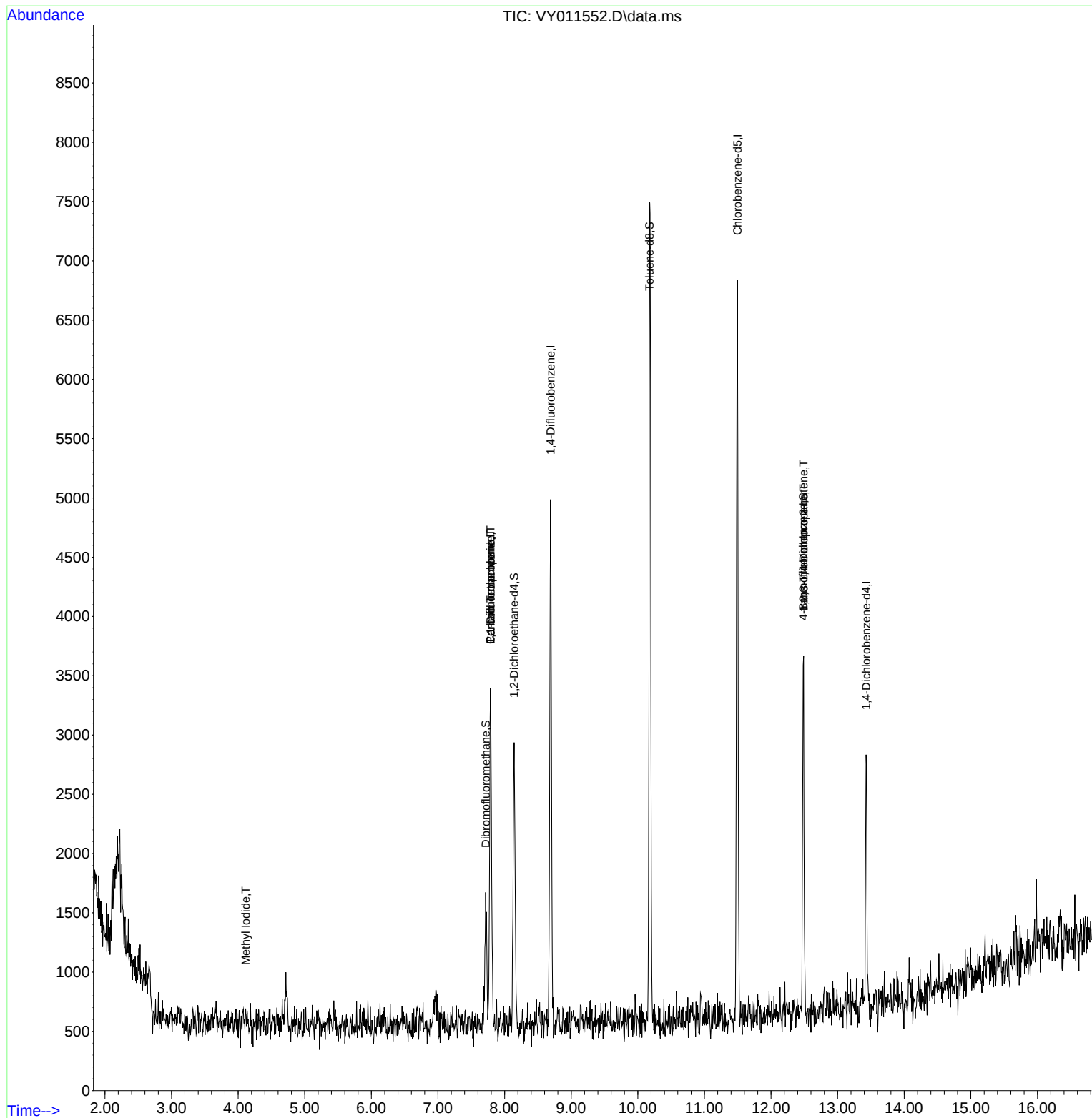
Internal Standards						
1) Pentafluorobenzene	7.789	168	2722	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	4136	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	3740	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	754	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	2068	74.822	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 149.640%	
35) Dibromofluoromethane	7.716	113	876	34.406	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 68.820%	
50) Toluene-d8	10.179	98	5176	55.943	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 111.880%	
62) 4-Bromofluorobenzene	12.483	95	1097	32.068	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 64.140%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.113	142	59	1.939	ug/l #	35
18) Methyl Acetate	4.753	43	26	Below Cal	#	56
20) Methylene Chloride	4.710	84	66	Below Cal	#	1
36) 1,1-Dichloropropene	7.789	75	104	2.613	ug/l #	42
38) Carbon Tetrachloride	7.789	117	95	2.134	ug/l #	11
76) 1,2,3-Trichloropropane	12.489	75	508	62.561	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	508	137.030	ug/l #	7

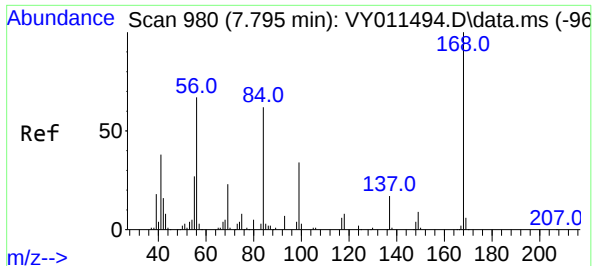
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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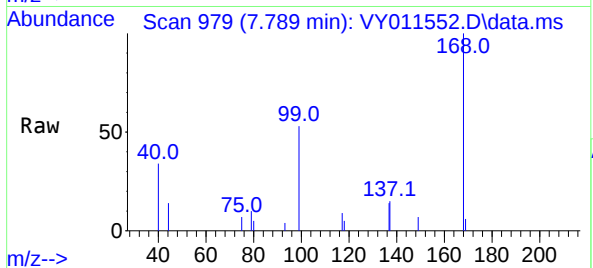
Quant Time: Nov 23 04:08:21 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111822S.M
Quant Title : SW846 8260
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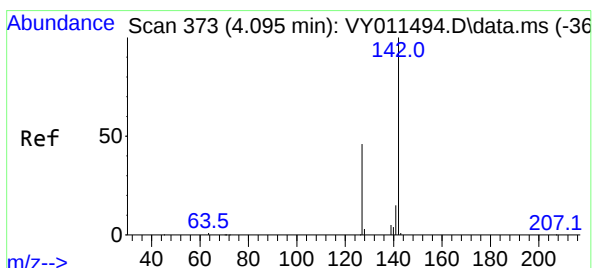
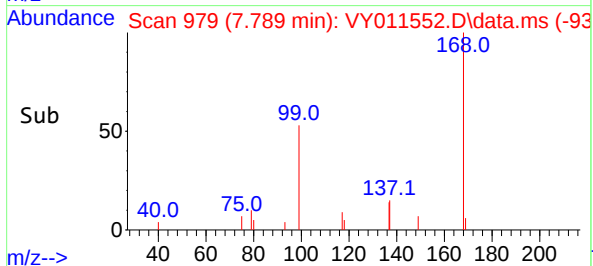
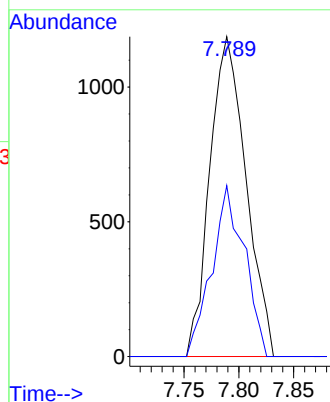


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011552.D
Acq: 22 Nov 2022 16:48

Instrument :
MSVOA_Y
ClientSampleId :

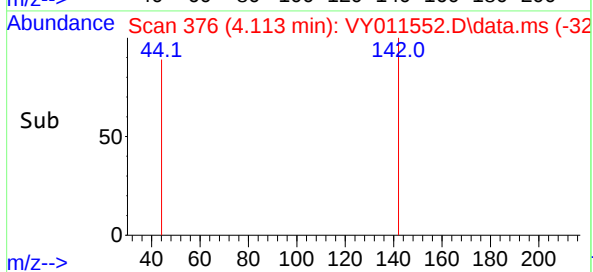
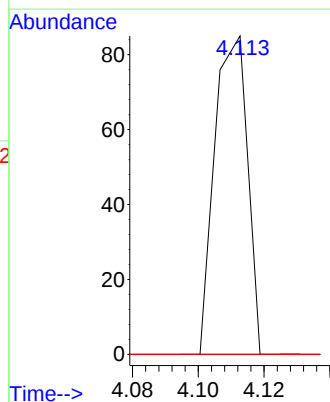
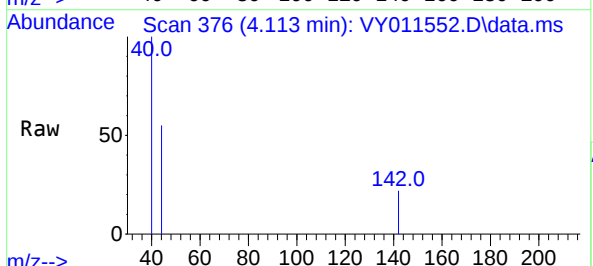


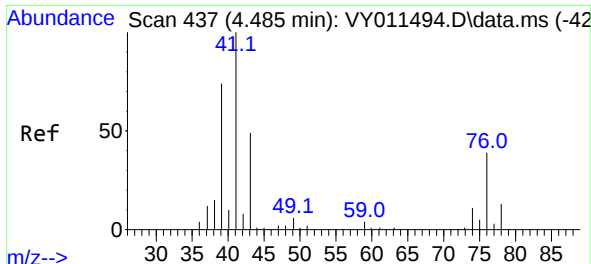
Tgt Ion:168 Resp: 2722
Ion Ratio Lower Upper
168 100
99 53.4 46.9 70.3



#10
Methyl Iodide
Concen: 1.939 ug/l
RT: 4.113 min Scan# 376
Delta R.T. 0.018 min
Lab File: VY011552.D
Acq: 22 Nov 2022 16:48

Tgt Ion:142 Resp: 59
Ion Ratio Lower Upper
142 100
127 0.0 41.5 62.3#
141 0.0 11.9 17.9#





#18

Methyl Acetate

Concen: Below Cal

RT: 4.753 min Scan# 41

Delta R.T. 0.268 min

Lab File: VY011552.D

Acq: 22 Nov 2022 16:48

Instrument :

MSVOA_Y

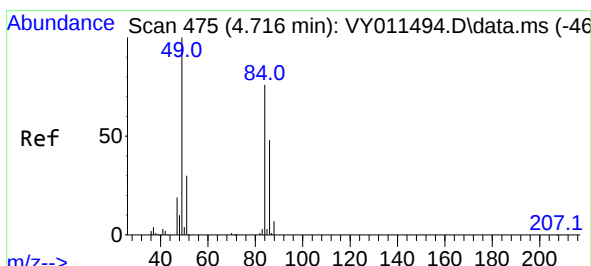
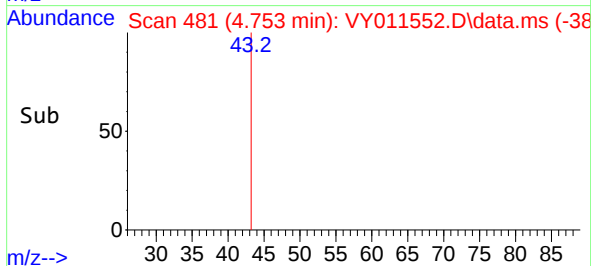
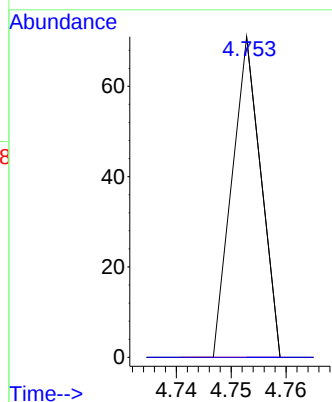
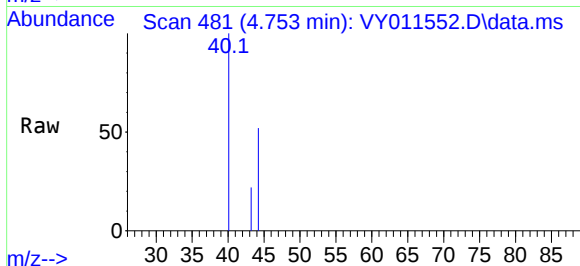
ClientSampleId :

Tgt Ion: 43 Resp: 26

Ion Ratio Lower Upper

43 100

74 0.0 16.6 24.8#



#20

Methylene Chloride

Concen: Below Cal

RT: 4.710 min Scan# 474

Delta R.T. -0.006 min

Lab File: VY011552.D

Acq: 22 Nov 2022 16:48

Tgt Ion: 84 Resp: 66

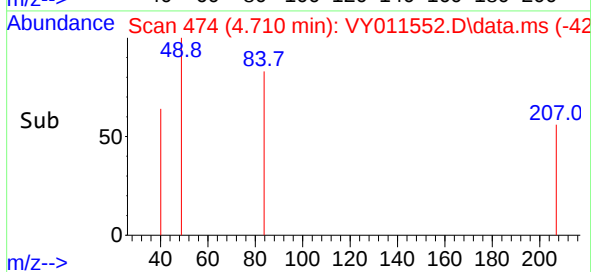
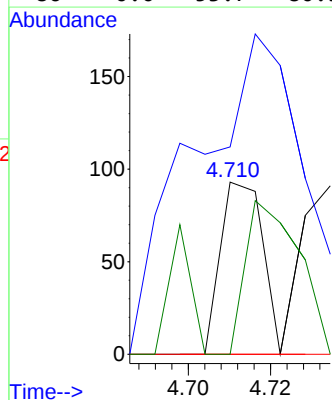
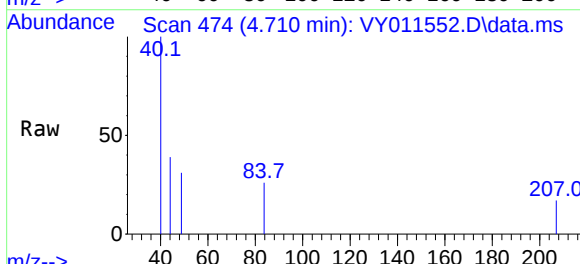
Ion Ratio Lower Upper

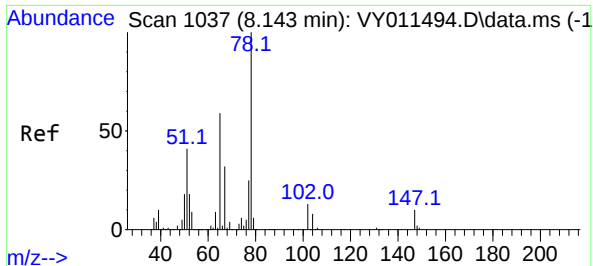
84 100

49 0.0 114.4 171.6#

51 0.0 35.3 52.9#

86 0.0 53.7 80.5#





#33

1,2-Dichloroethane-d4

Concen: 74.822 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. -0.001 min

Lab File: VY011552.D

Acq: 22 Nov 2022 16:48

Instrument :

MSVOA_Y

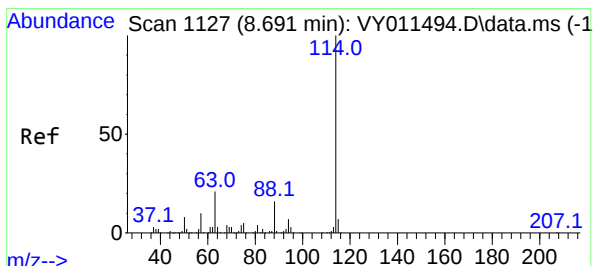
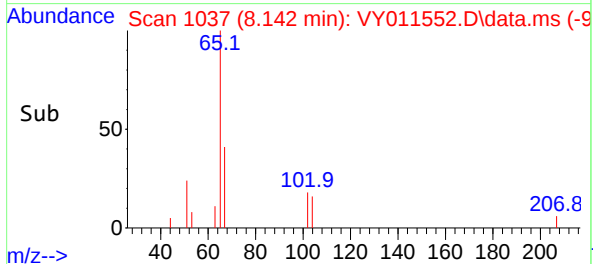
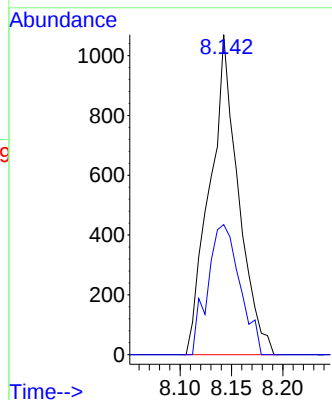
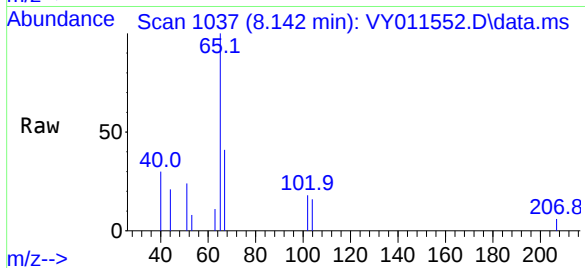
ClientSampleId :

Tgt Ion: 65 Resp: 2068

Ion Ratio Lower Upper

65 100

67 45.8 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY011552.D

Acq: 22 Nov 2022 16:48

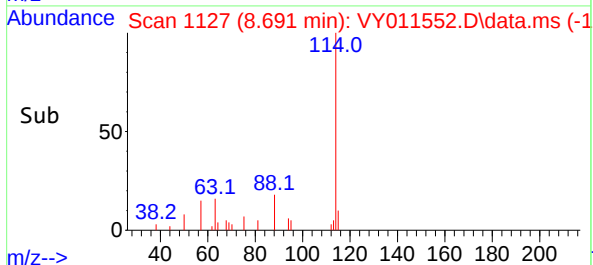
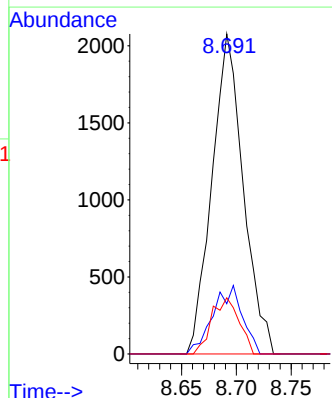
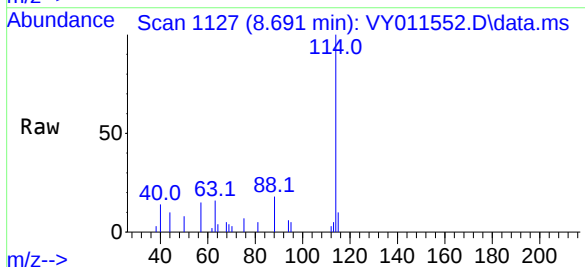
Tgt Ion: 114 Resp: 4136

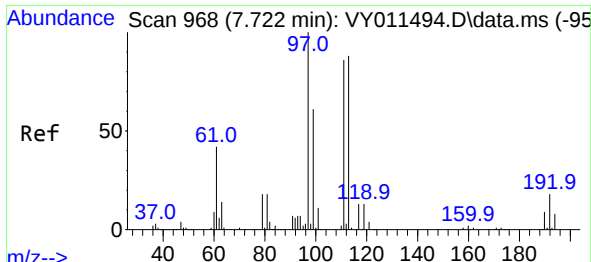
Ion Ratio Lower Upper

114 100

63 15.7 0.0 43.2

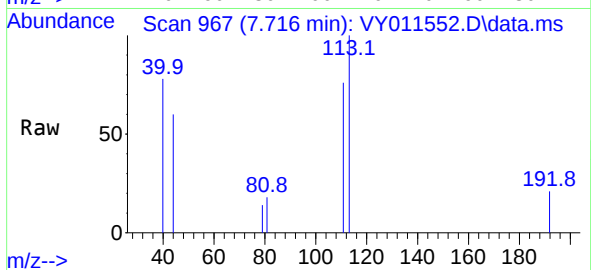
88 17.6 0.0 31.8



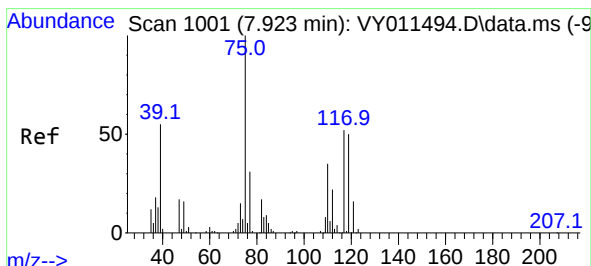
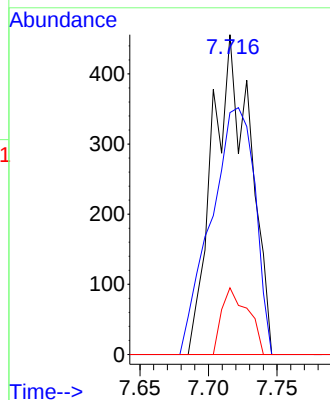
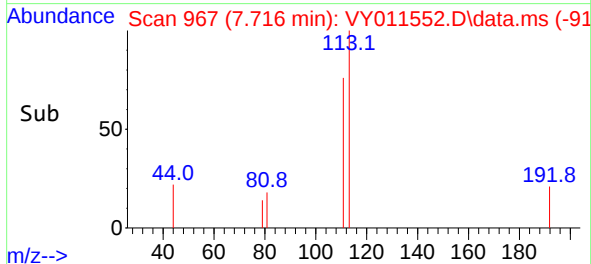


#35
Dibromofluoromethane
Concen: 34.406 ug/l
RT: 7.716 min Scan# 911
Delta R.T. -0.006 min
Lab File: VY011552.D
Acq: 22 Nov 2022 16:48

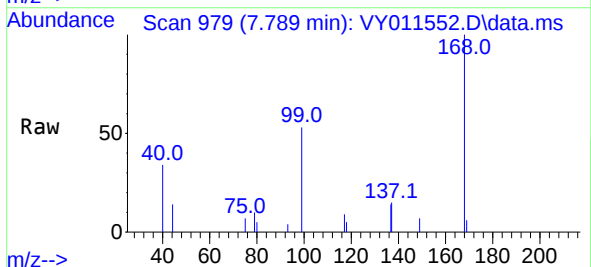
Instrument :
MSVOA_Y
ClientSampleId :



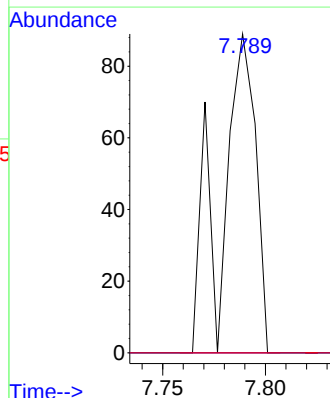
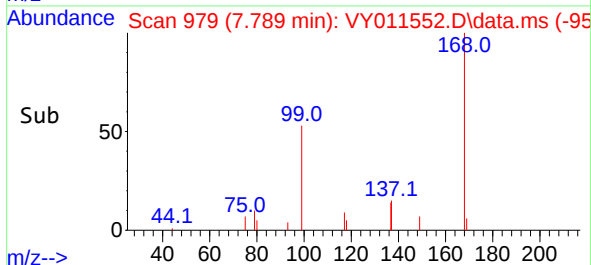
Tgt Ion:113 Resp: 876
Ion Ratio Lower Upper
113 100
111 89.8 82.6 124.0
192 14.5 17.6 26.4#

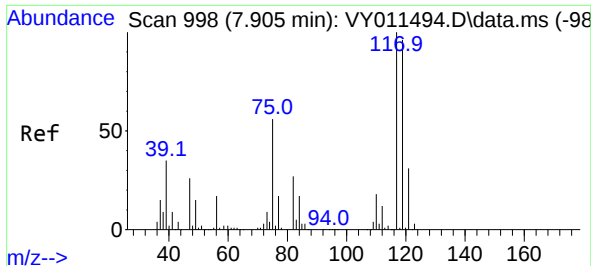


#36
1,1-Dichloropropene
Concen: 2.613 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.134 min
Lab File: VY011552.D
Acq: 22 Nov 2022 16:48



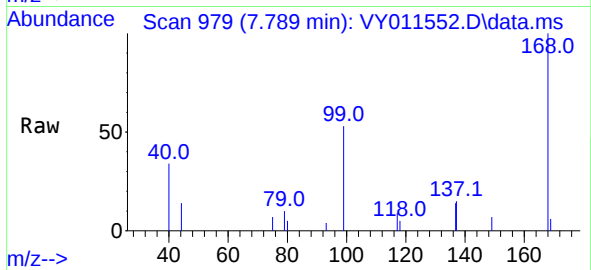
Tgt Ion: 75 Resp: 104
Ion Ratio Lower Upper
75 100
110 0.0 17.1 51.2#
77 0.0 24.4 36.6#



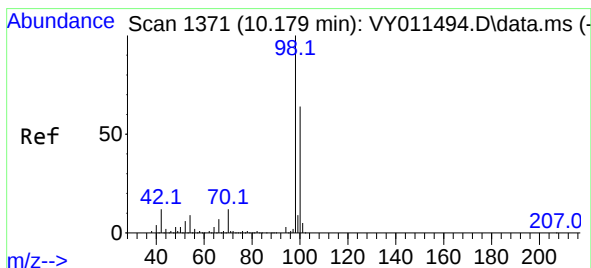
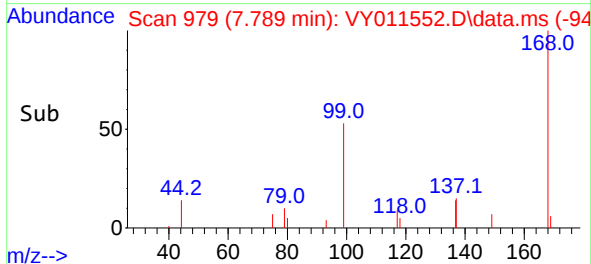
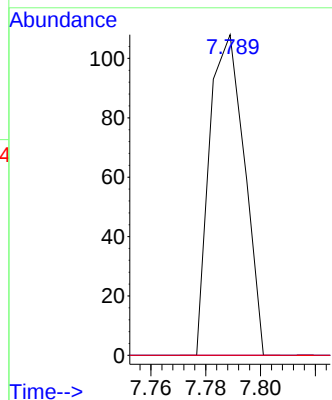


#38
Carbon Tetrachloride
Concen: 2.134 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY011552.D
Acq: 22 Nov 2022 16:48

Instrument :
MSVOA_Y
ClientSampleId :

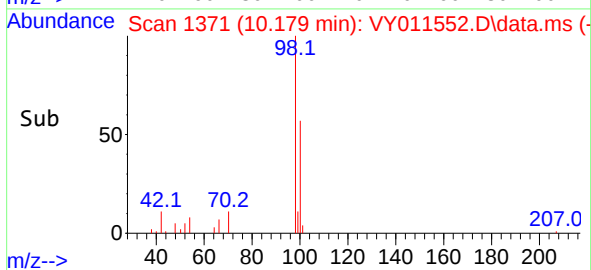
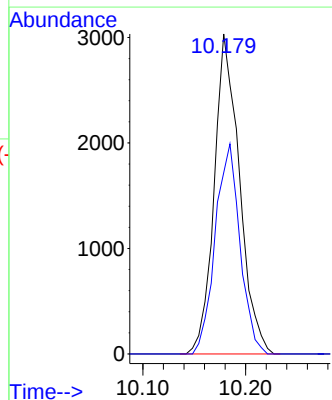
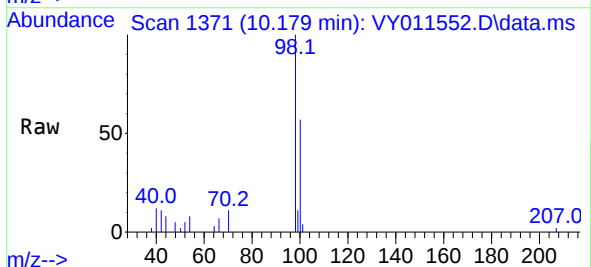


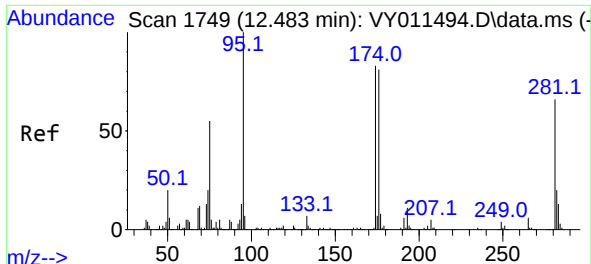
Tgt Ion:117 Resp: 95
Ion Ratio Lower Upper
117 100
119 0.0 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 55.943 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011552.D
Acq: 22 Nov 2022 16:48

Tgt Ion: 98 Resp: 5176
Ion Ratio Lower Upper
98 100
100 64.2 50.2 75.2

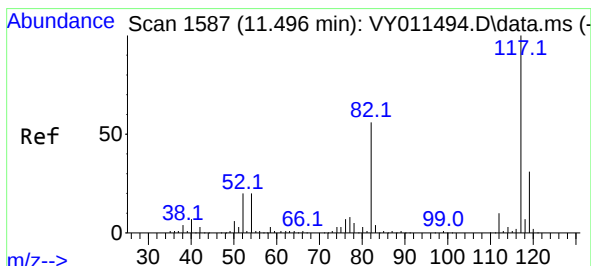
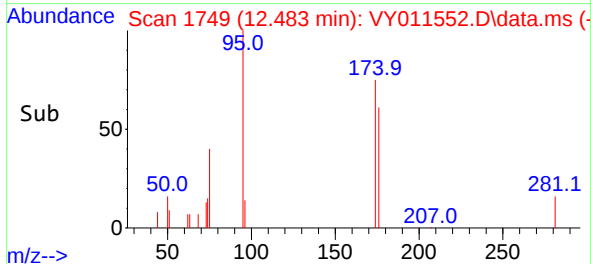
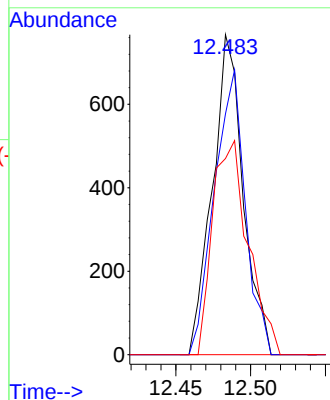
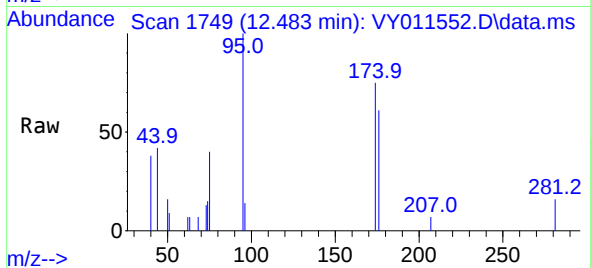




#62
4-Bromofluorobenzene
Concen: 32.068 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY011552.D
Acq: 22 Nov 2022 16:48

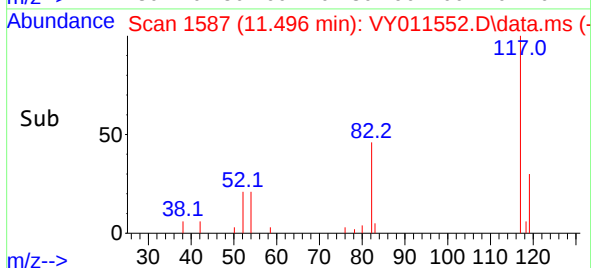
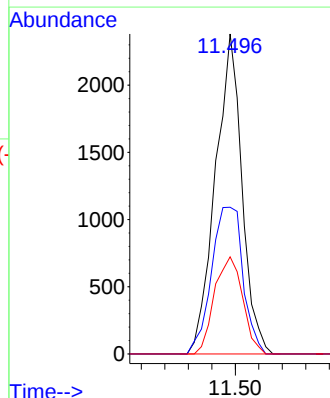
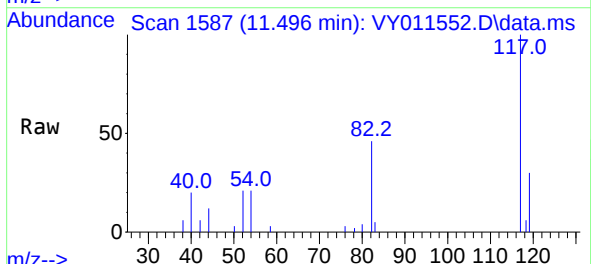
Instrument :
MSVOA_Y
ClientSampleId :

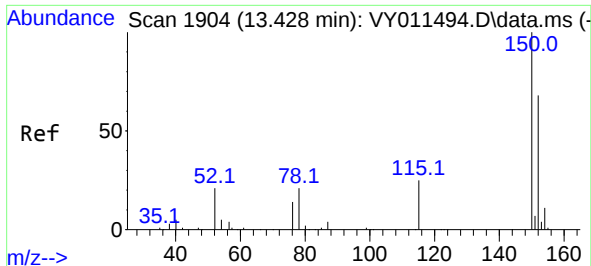
Tgt Ion: 95 Resp: 1097
Ion Ratio Lower Upper
95 100
174 89.4 0.0 177.0
176 77.2 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY011552.D
Acq: 22 Nov 2022 16:48

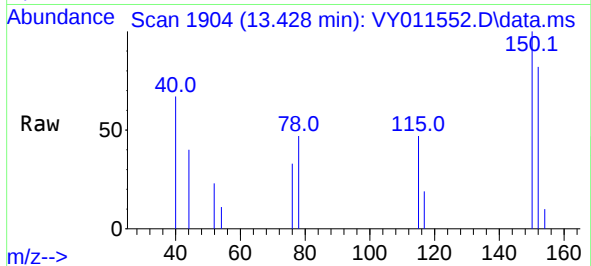
Tgt Ion: 117 Resp: 3740
Ion Ratio Lower Upper
117 100
82 45.9 43.0 64.4
119 30.4 25.4 38.0



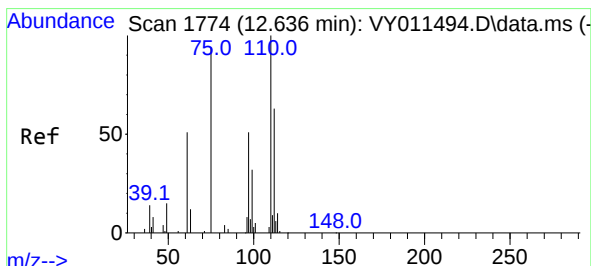
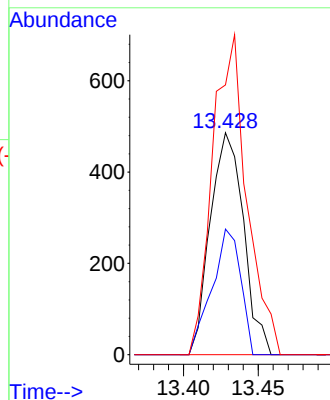
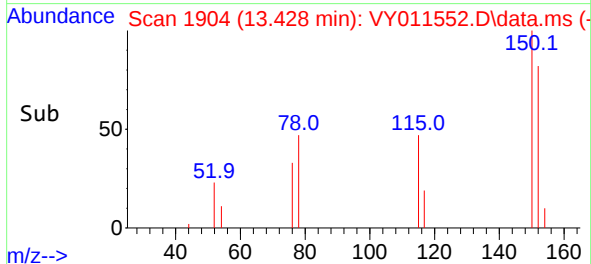


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY011552.D
Acq: 22 Nov 2022 16:48

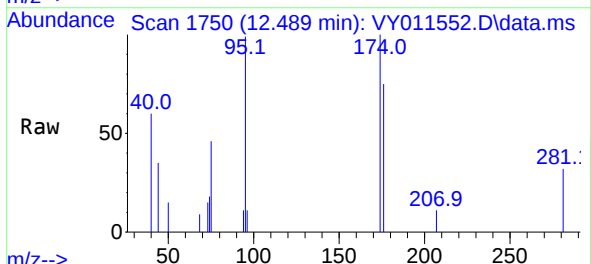
Instrument :
MSVOA_Y
ClientSampleId :



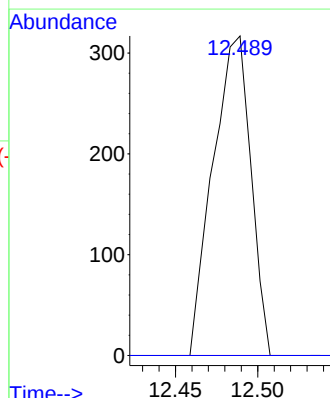
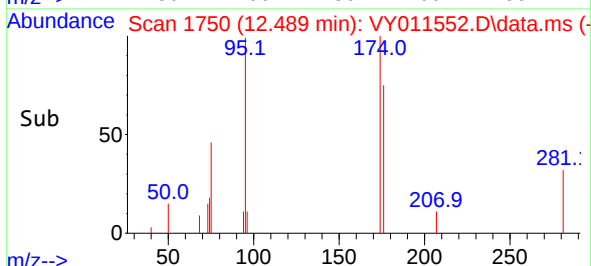
Tgt Ion:152 Resp: 754
Ion Ratio Lower Upper
152 100
115 48.7 28.2 84.7
150 148.3 0.0 347.6

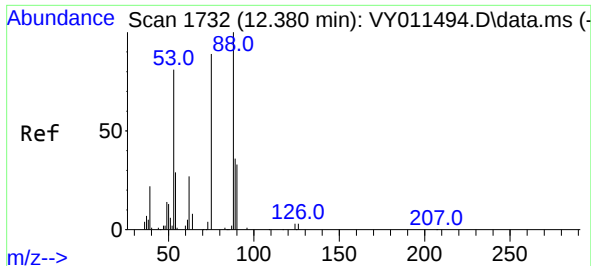


#76
1,2,3-Trichloropropane
Concen: 62.561 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.147 min
Lab File: VY011552.D
Acq: 22 Nov 2022 16:48



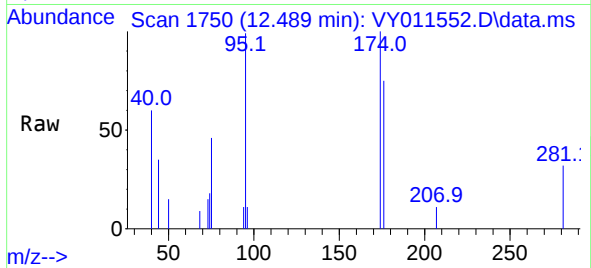
Tgt Ion: 75 Resp: 508
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 137.030 ug/l
 RT: 12.489 min Scan# 11
 Delta R.T. 0.109 min
 Lab File: VY011552.D
 Acq: 22 Nov 2022 16:48

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 508
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.0 37.0 55.4#

