

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112322\
 Data File : VY011579.D
 Acq On : 23 Nov 2022 16:44
 Operator : KP/MD
 Sample : N5762-08
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 24 00:38:49 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)

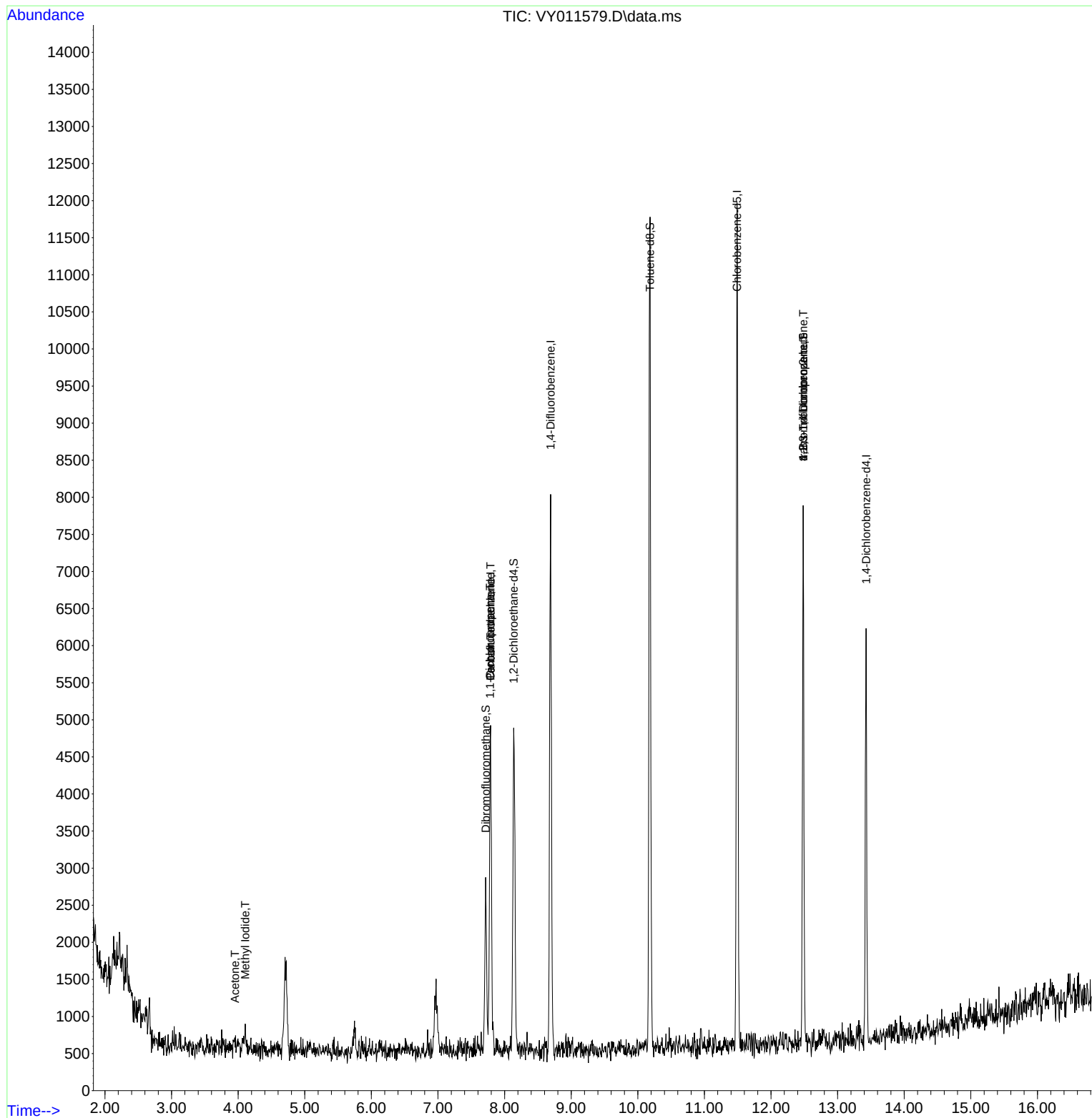
Internal Standards						
1) Pentafluorobenzene	7.789	168	3888	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	6646	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	6152	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	1651	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	3325	84.223	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 168.440%#	
35) Dibromofluoromethane	7.716	113	1590	38.864	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 77.720%	
50) Toluene-d8	10.185	98	7916	53.245	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 106.480%	
62) 4-Bromofluorobenzene	12.483	95	2175	39.568	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 79.140%	
Target Compounds						Qvalue
3) Chloromethane	2.107	50	86	Below Cal	#	44
5) Bromomethane	2.668	94	110	Below Cal	#	65
10) Methyl Iodide	4.107	142	313	7.202	ug/l #	79
16) Acetone	3.954	43	366	28.542	ug/l #	47
36) 1,1-Dichloropropene	7.783	75	253	3.956	ug/l #	42
38) Carbon Tetrachloride	7.789	117	378	5.283	ug/l #	11
76) 1,2,3-Trichloropropane	12.483	75	1297	72.947	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	1297	159.777	ug/l #	7

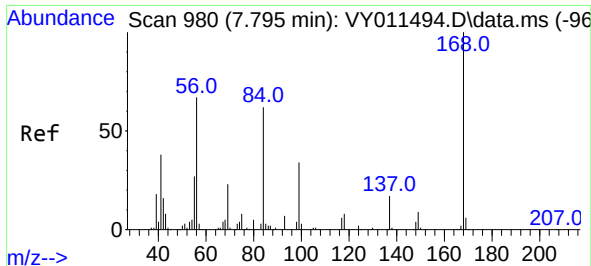
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_Y
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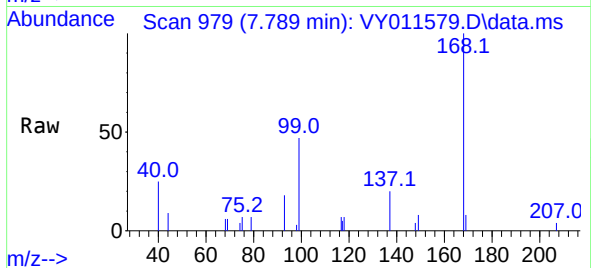
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111822S.M
Quant Title : SW846 8260
QLast Update : Sat Nov 19 22:37:14 2022
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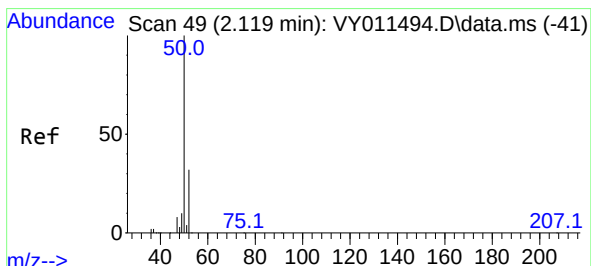
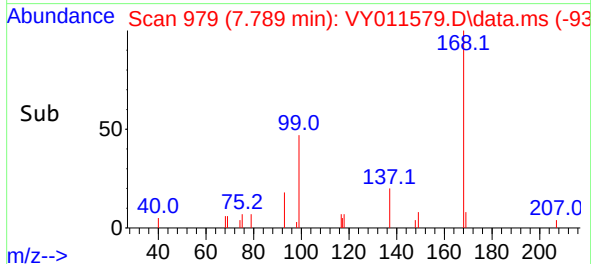
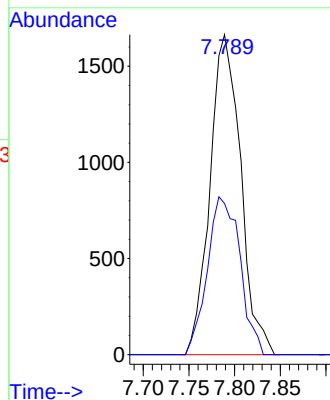


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011579.D
Acq: 23 Nov 2022 16:44

Instrument :
MSVOA_Y
ClientSampleId :

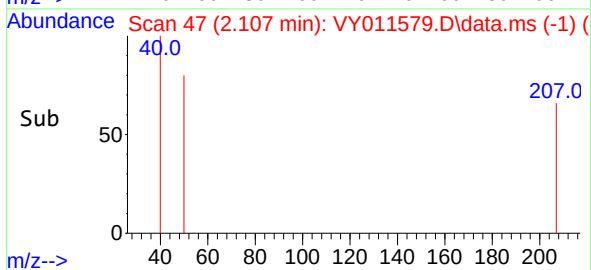
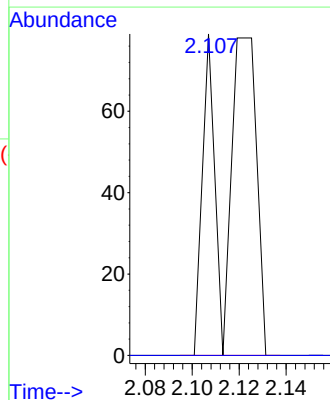
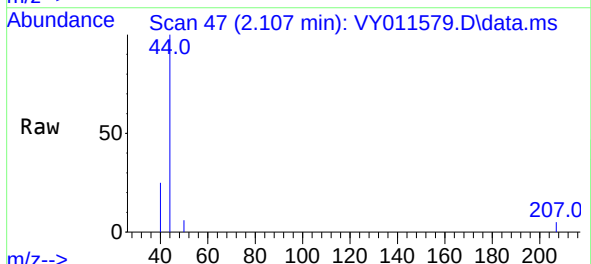


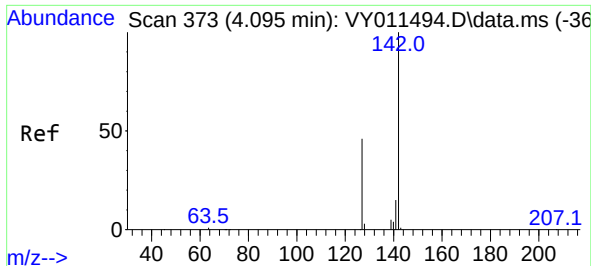
Tgt Ion:168 Resp: 3888
Ion Ratio Lower Upper
168 100
99 47.2 46.9 70.3



#3
Chloromethane
Concen: Below Cal
RT: 2.107 min Scan# 47
Delta R.T. -0.012 min
Lab File: VY011579.D
Acq: 23 Nov 2022 16:44

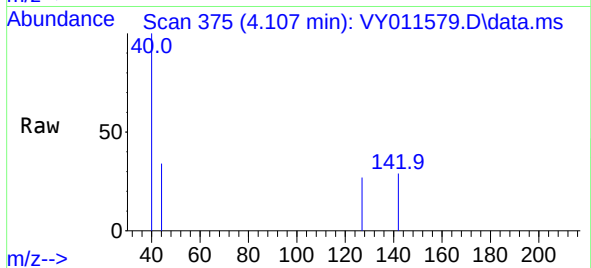
Tgt Ion: 50 Resp: 86
Ion Ratio Lower Upper
50 100
52 0.0 24.6 37.0#



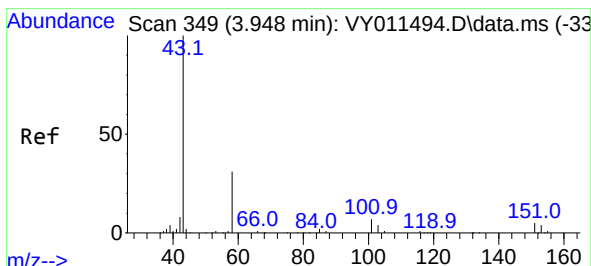
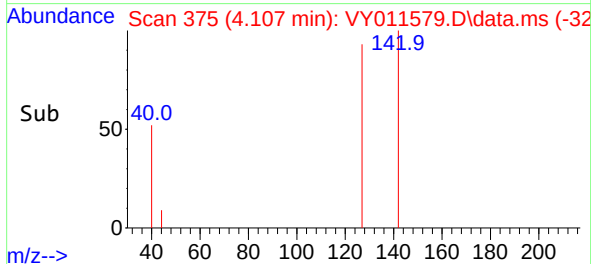
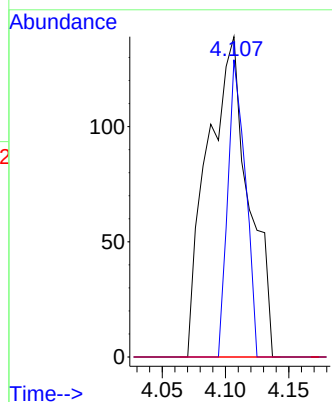


#10
Methyl Iodide
Concen: 7.202 ug/l
RT: 4.107 min Scan# 313
Delta R.T. 0.012 min
Lab File: VY011579.D
Acq: 23 Nov 2022 16:44

Instrument :
MSVOA_Y
ClientSampleId :

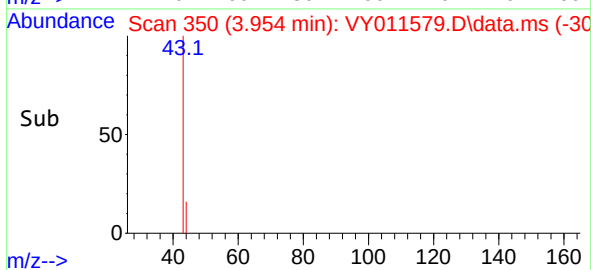
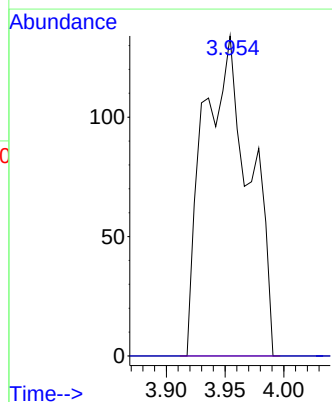
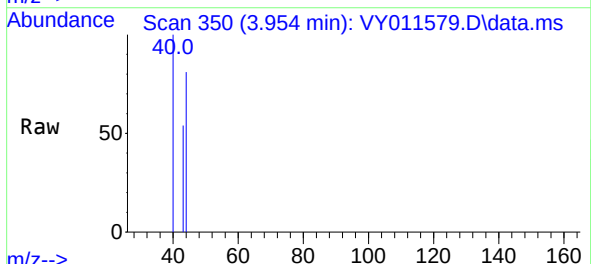


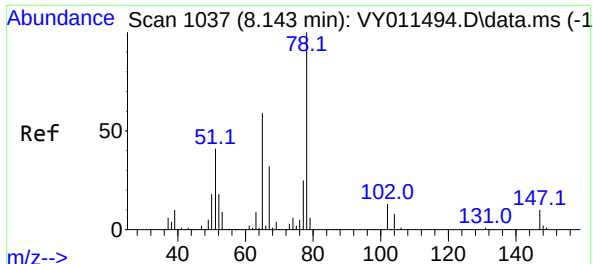
Tgt Ion:142 Resp: 313
Ion Ratio Lower Upper
142 100
127 39.9 41.5 62.3#
141 0.0 11.9 17.9#



#16
Acetone
Concen: 28.542 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY011579.D
Acq: 23 Nov 2022 16:44

Tgt Ion: 43 Resp: 366
Ion Ratio Lower Upper
43 100
58 0.0 22.0 33.0#





#33

1,2-Dichloroethane-d4

Concen: 84.223 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.007 min

Lab File: VY011579.D

Acq: 23 Nov 2022 16:44

Instrument :

MSVOA_Y

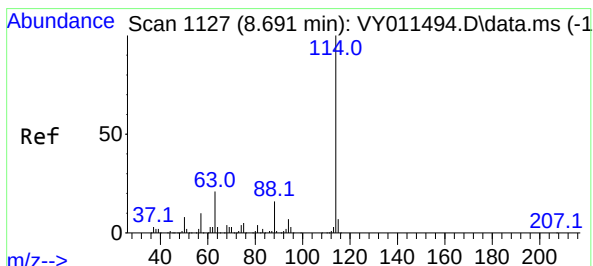
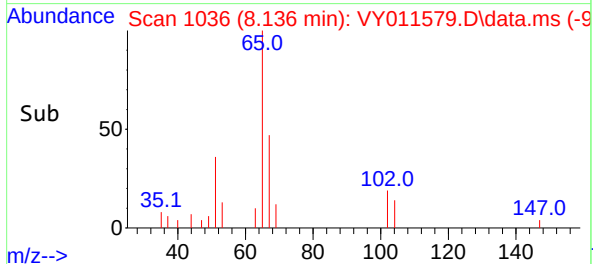
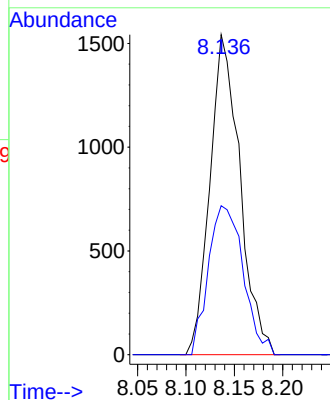
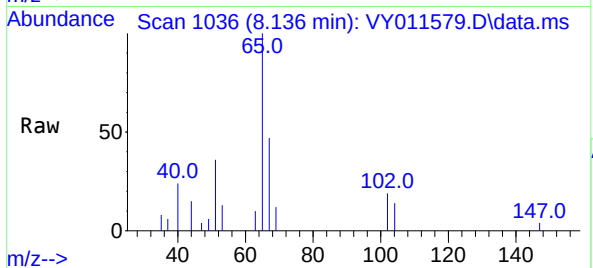
ClientSampleId :

Tgt Ion: 65 Resp: 3325

Ion Ratio Lower Upper

65 100

67 54.1 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: VY011579.D

Acq: 23 Nov 2022 16:44

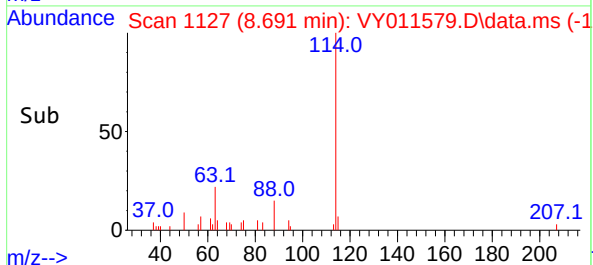
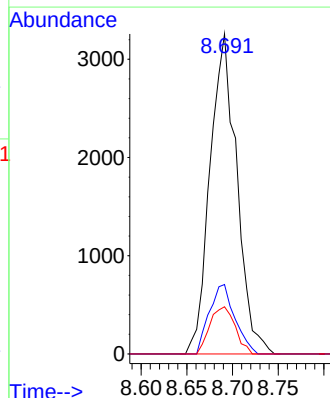
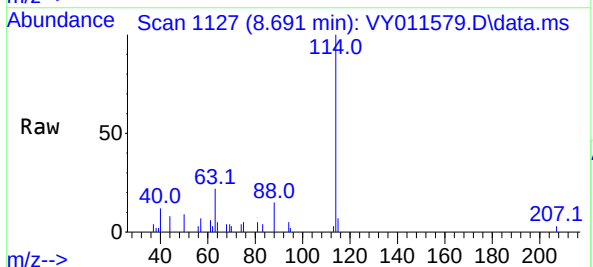
Tgt Ion: 114 Resp: 6646

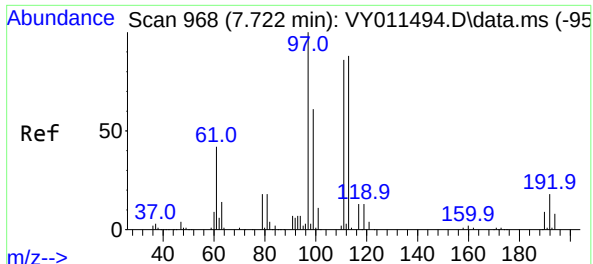
Ion Ratio Lower Upper

114 100

63 21.7 0.0 43.2

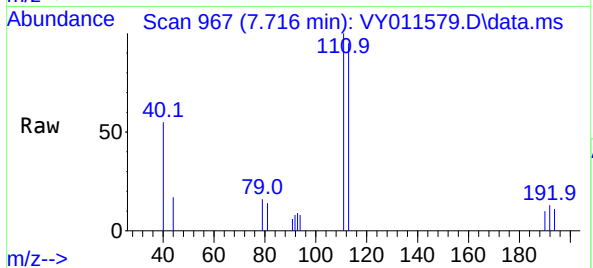
88 14.8 0.0 31.8



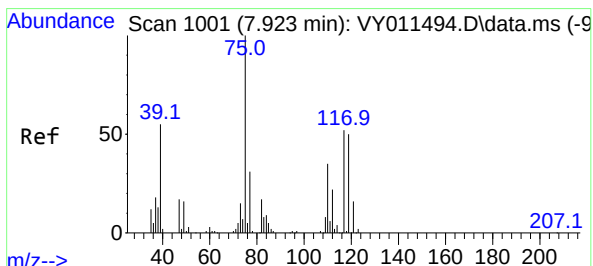
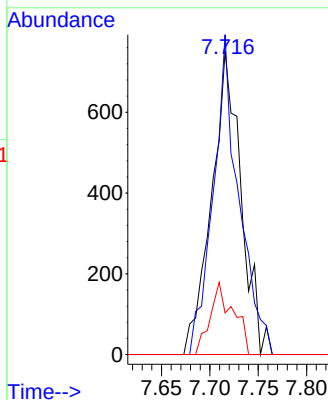
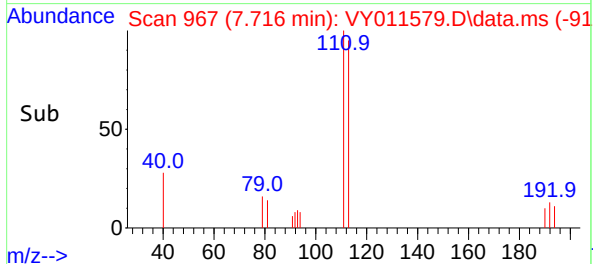


#35
Dibromofluoromethane
Concen: 38.864 ug/l
RT: 7.716 min Scan# 911
Delta R.T. -0.006 min
Lab File: VY011579.D
Acq: 23 Nov 2022 16:44

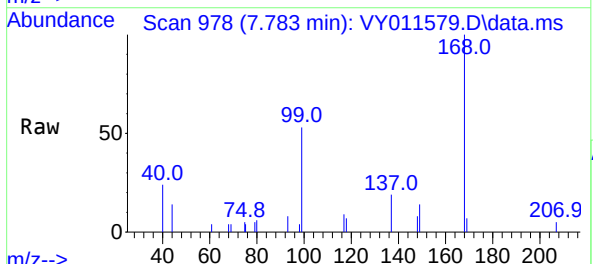
Instrument :
MSVOA_Y
ClientSampleId :



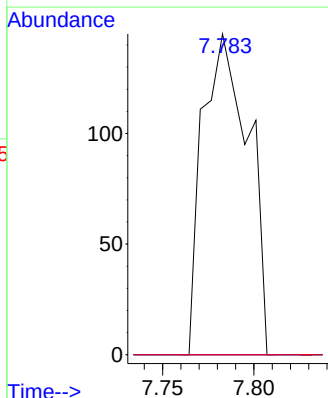
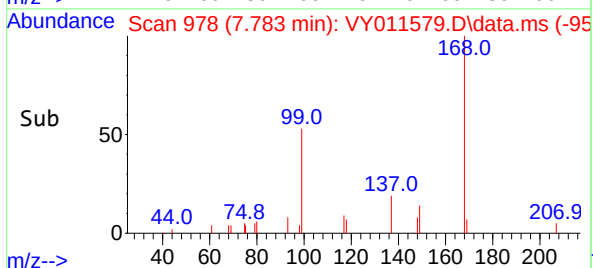
Tgt Ion:113 Resp: 1590
Ion Ratio Lower Upper
113 100
111 92.1 82.6 124.0
192 18.9 17.6 26.4

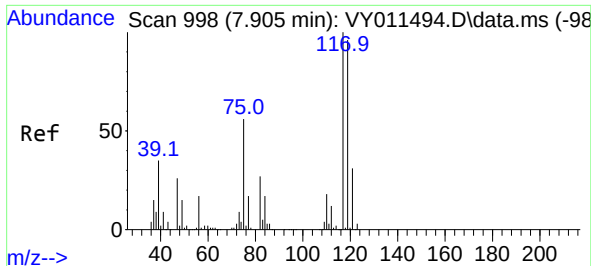


#36
1,1-Dichloropropene
Concen: 3.956 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.140 min
Lab File: VY011579.D
Acq: 23 Nov 2022 16:44



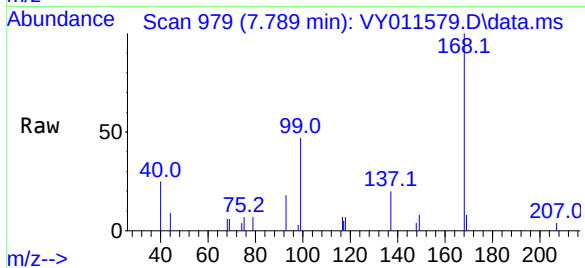
Tgt Ion: 75 Resp: 253
Ion Ratio Lower Upper
75 100
110 0.0 17.1 51.2#
77 0.0 24.4 36.6#



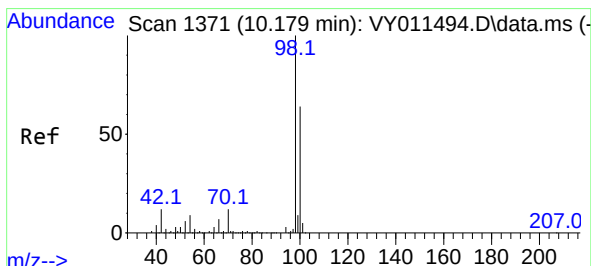
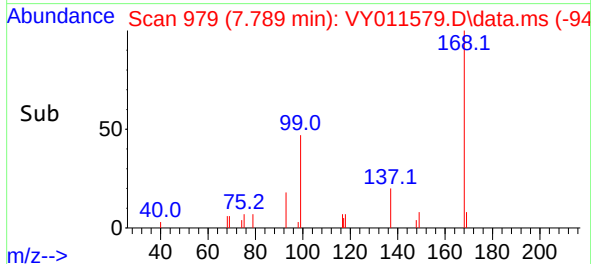
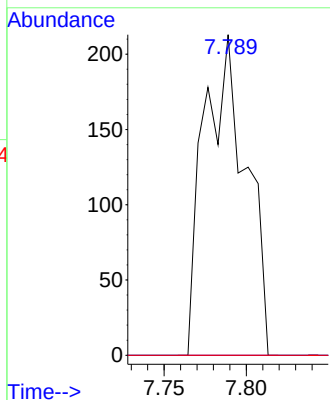


#38
Carbon Tetrachloride
Concen: 5.283 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY011579.D
Acq: 23 Nov 2022 16:44

Instrument :
MSVOA_Y
ClientSampleId :

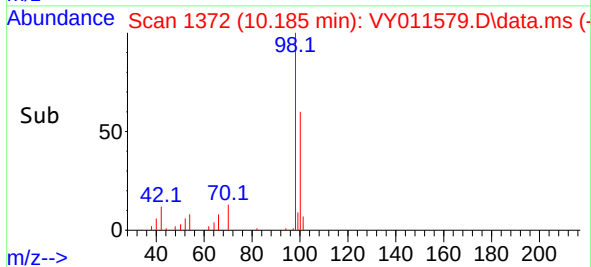
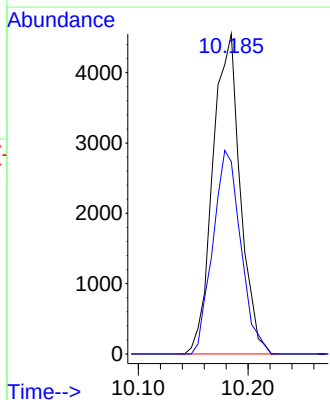
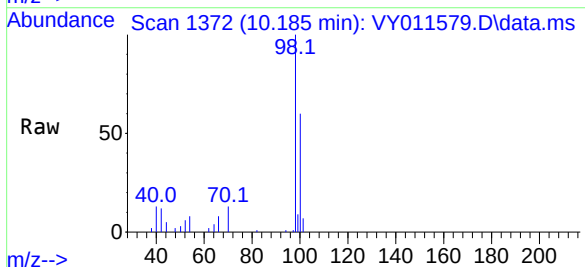


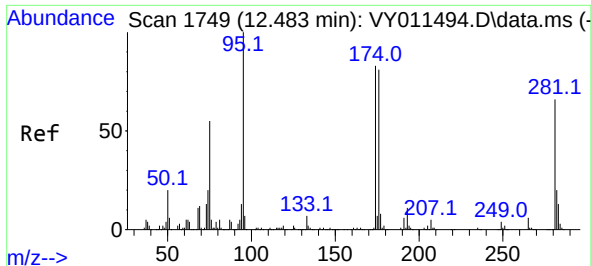
Tgt Ion:117 Resp: 378
Ion Ratio Lower Upper
117 100
119 0.0 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 53.245 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.006 min
Lab File: VY011579.D
Acq: 23 Nov 2022 16:44

Tgt Ion: 98 Resp: 7916
Ion Ratio Lower Upper
98 100
100 64.7 50.2 75.2

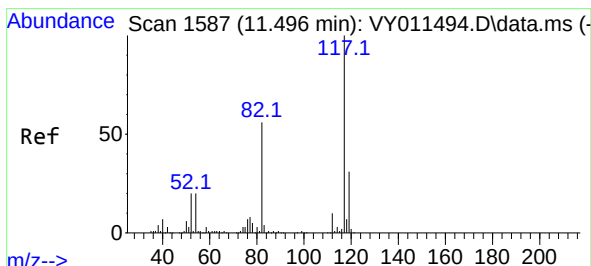
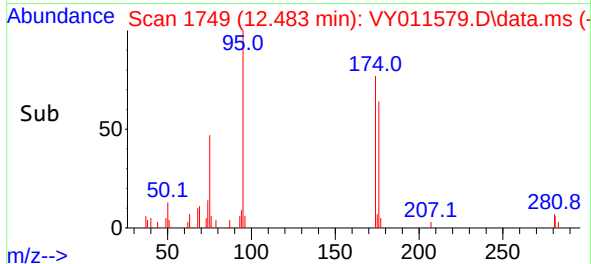
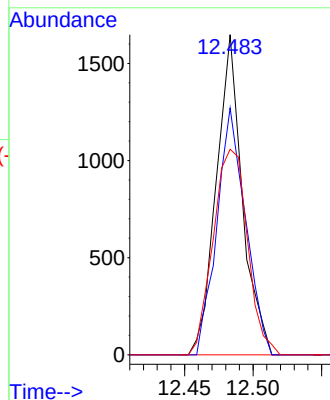
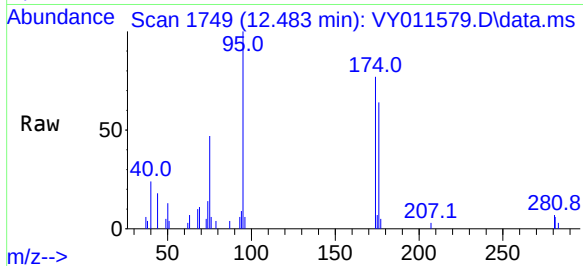




#62
4-Bromofluorobenzene
Concen: 39.568 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY011579.D
Acq: 23 Nov 2022 16:44

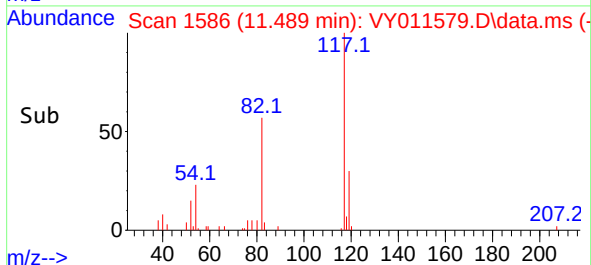
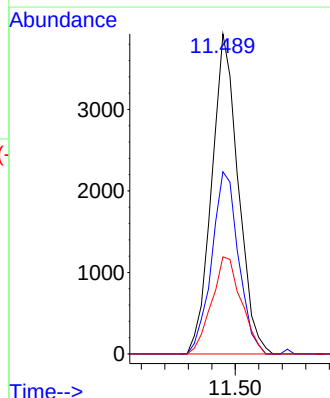
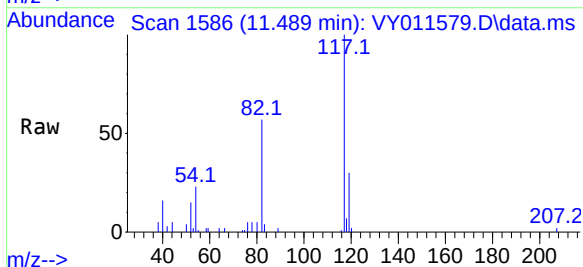
Instrument :
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ClientSampleId :

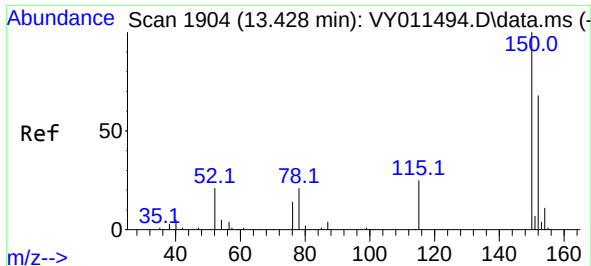
Tgt Ion: 95 Resp: 2175
Ion Ratio Lower Upper
95 100
174 84.8 0.0 177.0
176 84.8 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.007 min
Lab File: VY011579.D
Acq: 23 Nov 2022 16:44

Tgt Ion: 117 Resp: 6152
Ion Ratio Lower Upper
117 100
82 56.9 43.0 64.4
119 30.4 25.4 38.0

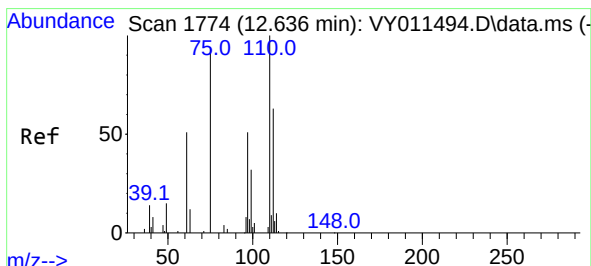
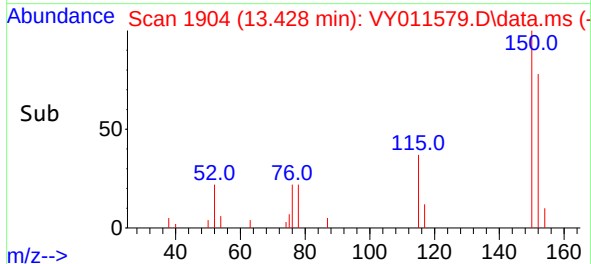
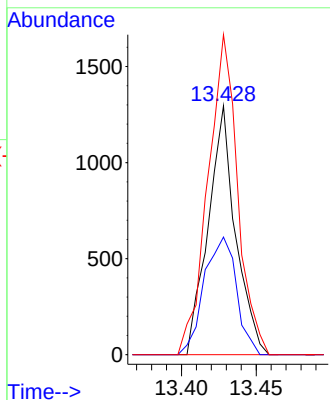
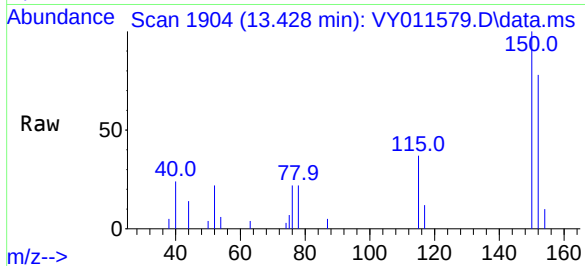




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY011579.D
Acq: 23 Nov 2022 16:44

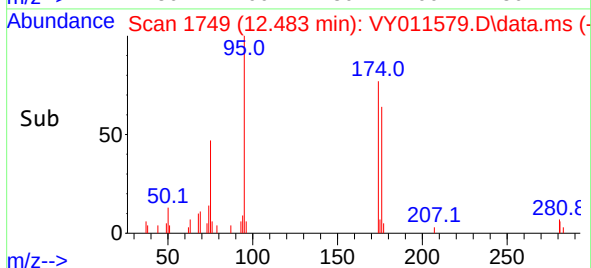
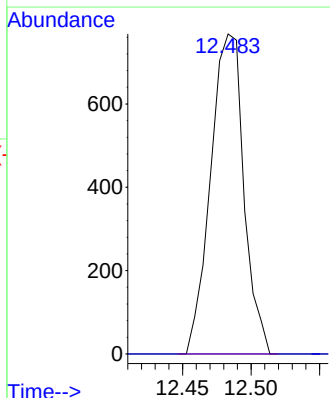
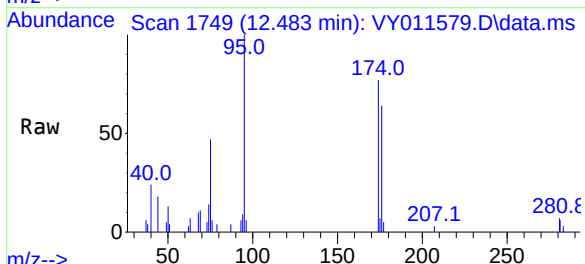
Instrument :
MSVOA_Y
ClientSampleId :

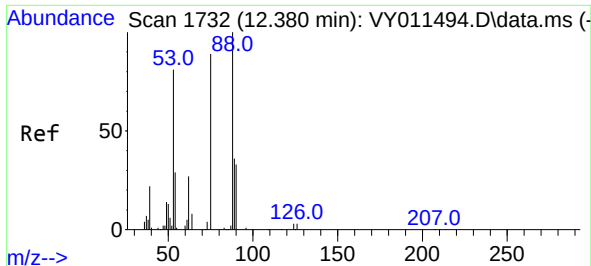
Tgt Ion:152 Resp: 1651
Ion Ratio Lower Upper
152 100
115 55.5 28.2 84.7
150 139.4 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 72.947 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY011579.D
Acq: 23 Nov 2022 16:44

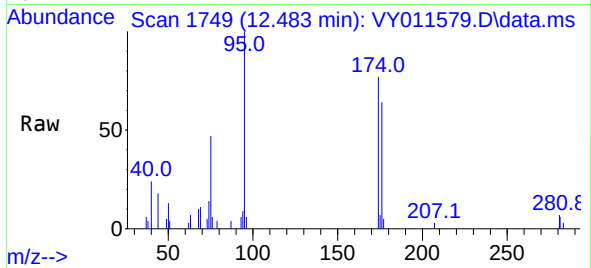
Tgt Ion: 75 Resp: 1297
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 159.777 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY011579.D
 Acq: 23 Nov 2022 16:44

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 1297

Ion	Ratio	Lower	Upper
75	100		
53	0.0	85.3	127.9#
89	0.0	37.0	55.4#

