Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111422\
Data File : VY011438.D
Acq On : 14 Nov 2022 14:39
Operator : KP/MD
Sample : N5508-01RE
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
AU-06-110722RE

Quant Time: Nov 15 01:49:48 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111022S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 10 17:47:26 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.795	168	345	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	499	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.496	117	169	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	0.000	152	0	0.000	ug/l	-13.42
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	148	51.193	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 102.380%			
35) Dibromofluoromethane	7.716	113	167	59.717	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 119.440%			
50) Toluene-d8	10.185	98	312	29.204	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 58.400%			
62) 4-Bromofluorobenzene	0.000	95	0	0.000	ug/l	
Spiked Amount 50.000	Range 25 - 144		Recovery = 0.000%#			
Target Compounds						Qvalue
10) Methyl Iodide	4.107	142	137	32.854	ug/l #	35
12) 1,1-Dichloroethene	3.869	96	22	7.107	ug/l #	1
27) cis-1,2-Dichloroethene	6.740	96	19	4.783	ug/l #	1

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

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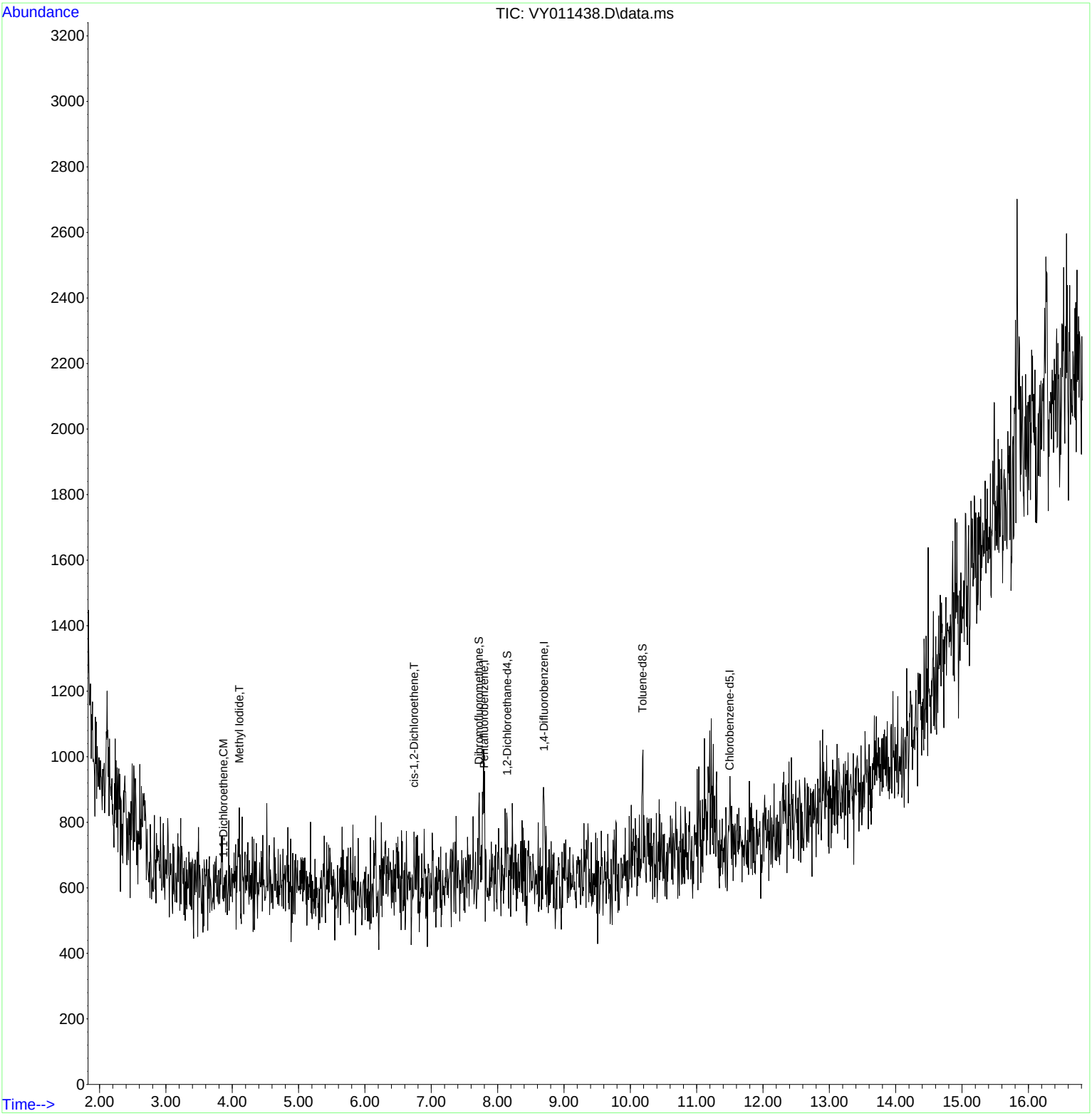
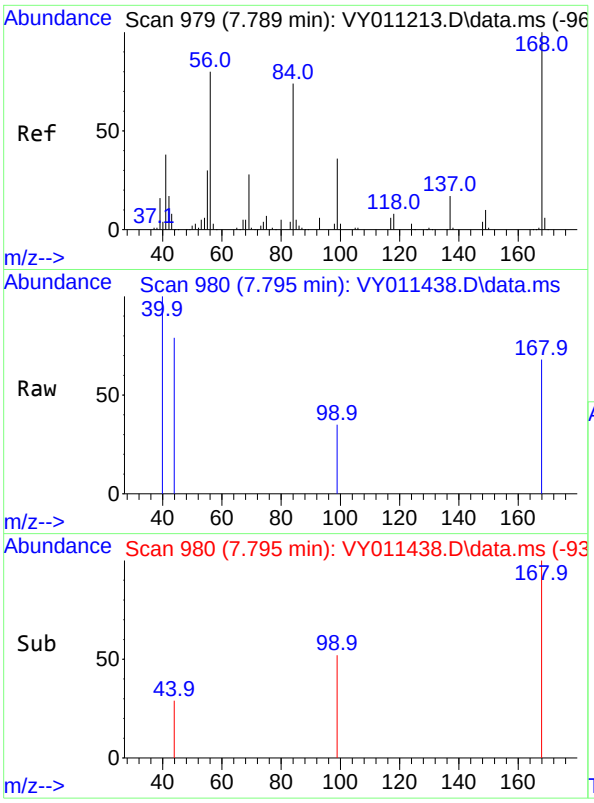


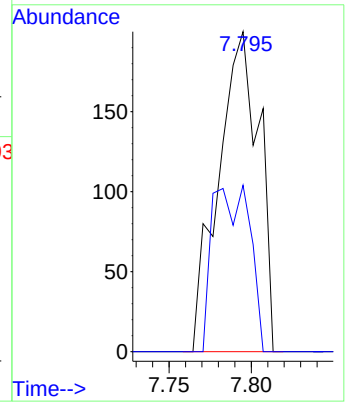


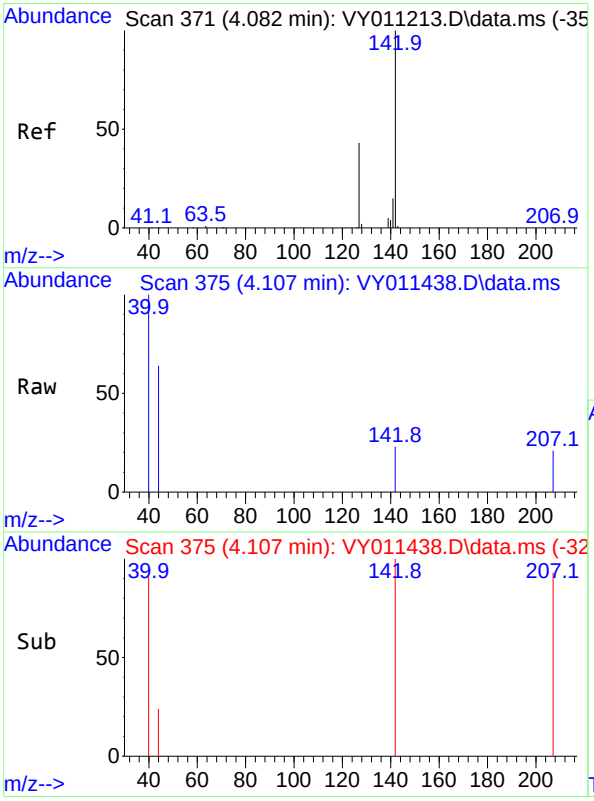
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY011438.D
Acq: 14 Nov 2022 14:39

Instrument :
MSVOA_Y
ClientSampleId :
AU-06-110722RE

Tgt Ion:168 Resp: 345

Ion	Ratio	Lower	Upper
168	100		
99	52.0	46.9	70.3

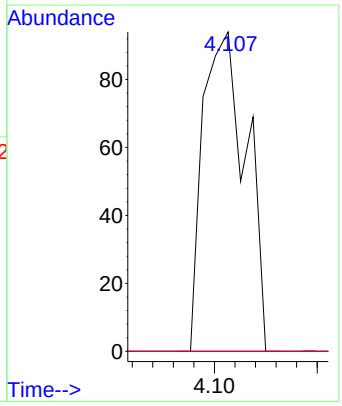


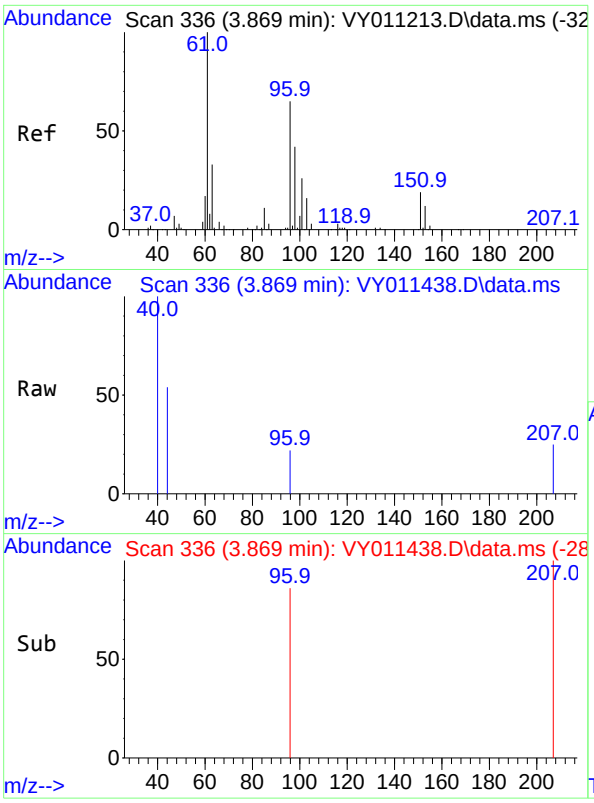


#10
Methyl Iodide
Concen: 32.854 ug/l
RT: 4.107 min Scan# 375
Delta R.T. 0.019 min
Lab File: VY011438.D
Acq: 14 Nov 2022 14:39

Tgt Ion:142 Resp: 137

Ion	Ratio	Lower	Upper
142	100		
127	0.0	41.5	62.3#
141	0.0	11.9	17.9#



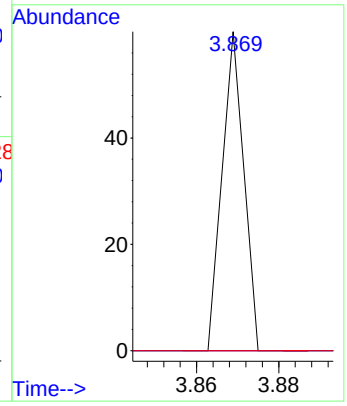


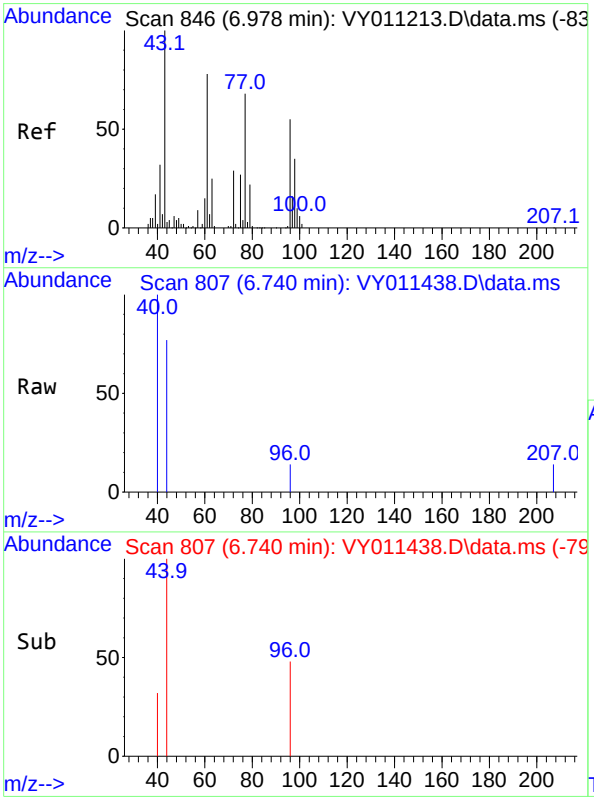
#12
1,1-Dichloroethene
Concen: 7.107 ug/l
RT: 3.869 min Scan# 3
Delta R.T. -0.000 min
Lab File: VY011438.D
Acq: 14 Nov 2022 14:39

Instrument :
MSVOA_Y
ClientSampleId :
AU-06-110722RE

Tgt Ion: 96 Resp: 22

Ion	Ratio	Lower	Upper
96	100		
61	0.0	145.8	218.6#
98	0.0	52.5	78.7#

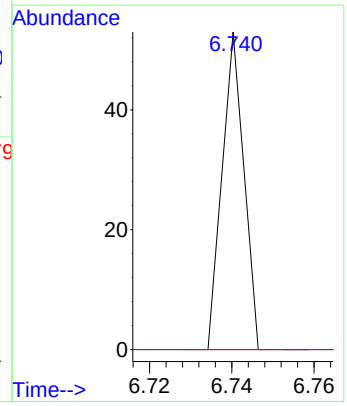


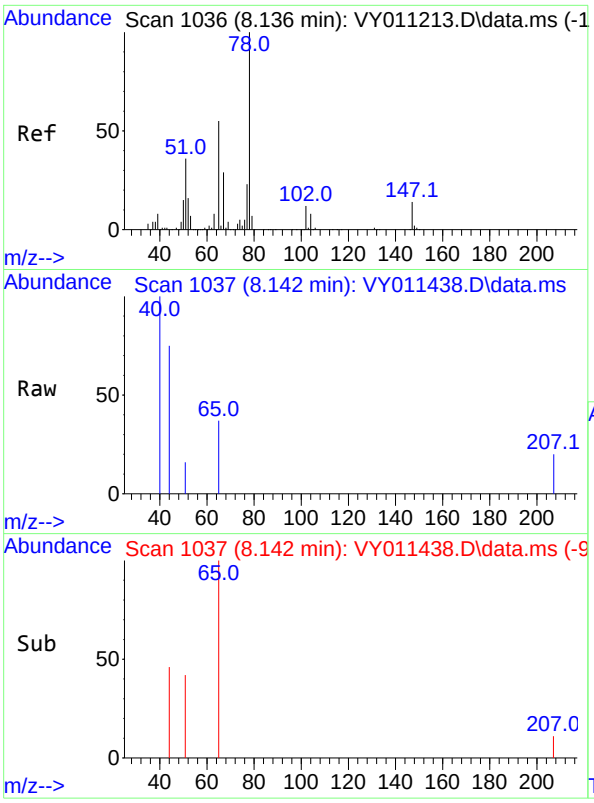


#27
cis-1,2-Dichloroethene
Concen: 4.783 ug/l
RT: 6.740 min Scan# 807
Delta R.T. -0.238 min
Lab File: VY011438.D
Acq: 14 Nov 2022 14:39

Tgt Ion: 96 Resp: 19

Ion	Ratio	Lower	Upper
96	100		
61	0.0	0.0	319.8
98	0.0	0.0	127.0



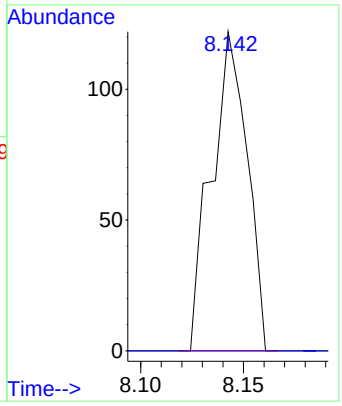


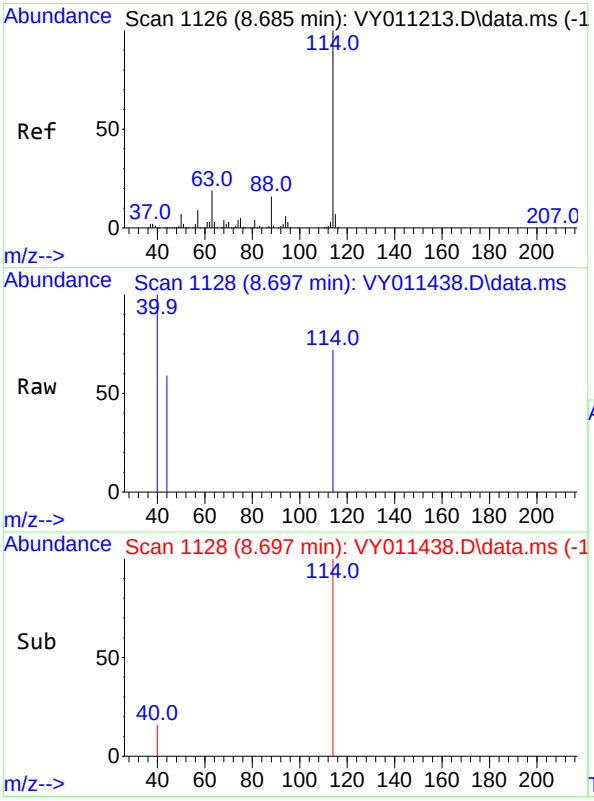
#33
1,2-Dichloroethane-d4
Concen: 51.193 ug/l
RT: 8.142 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY011438.D
Acq: 14 Nov 2022 14:39

Instrument :
MSVOA_Y
ClientSampleId :
AU-06-110722RE

Tgt Ion: 65 Resp: 148

Ion	Ratio	Lower	Upper
65	100		
67	0.0	0.0	99.4

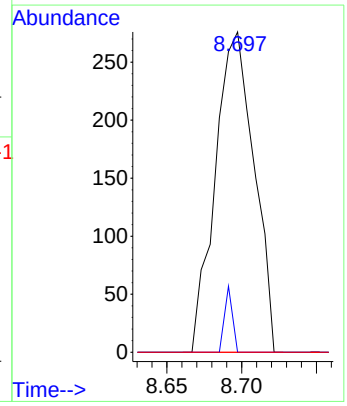


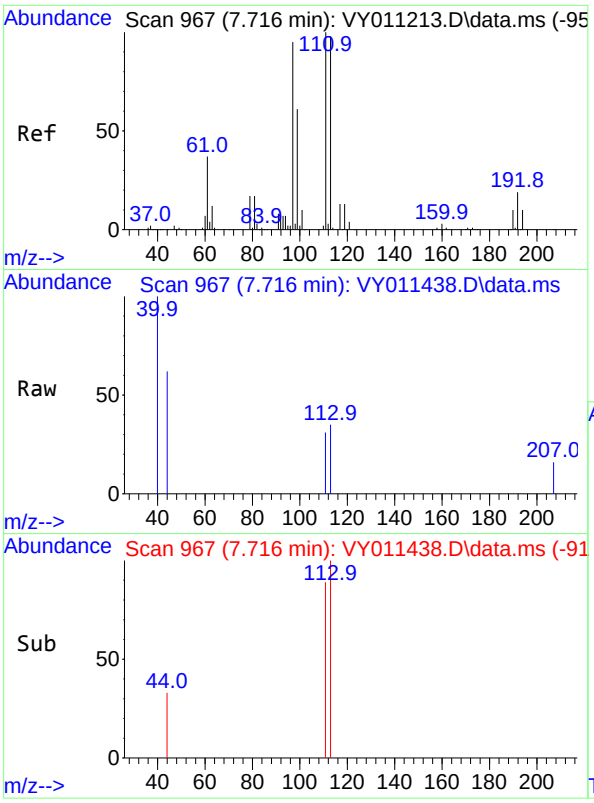


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.012 min
Lab File: VY011438.D
Acq: 14 Nov 2022 14:39

Tgt Ion:114 Resp: 499

Ion	Ratio	Lower	Upper
114	100		
63	0.0	0.0	43.2
88	0.0	0.0	31.8



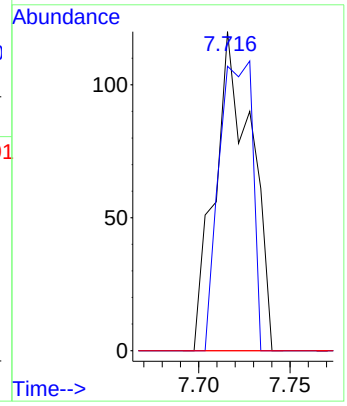


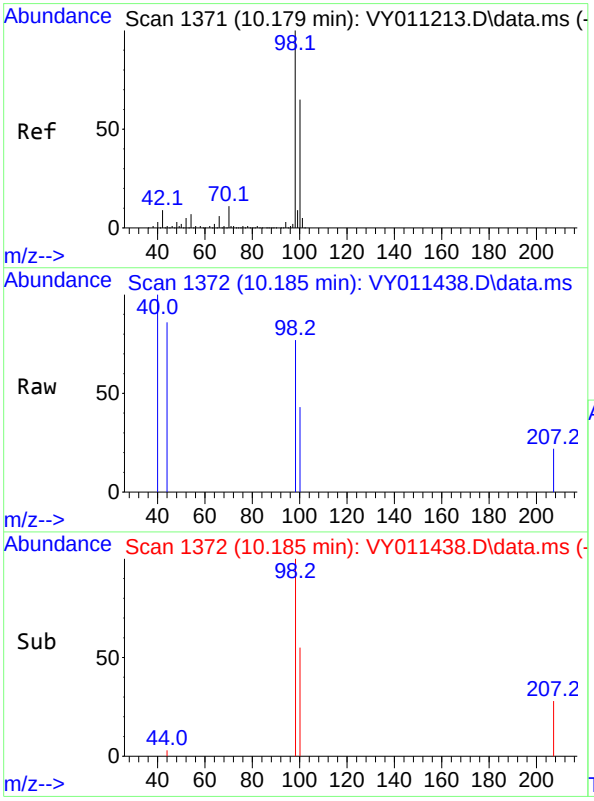
#35
Dibromofluoromethane
Concen: 59.717 ug/l
RT: 7.716 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY011438.D
Acq: 14 Nov 2022 14:39

Instrument :
MSVOA_Y
ClientSampleId :
AU-06-110722RE

Tgt Ion:113 Resp: 167

Ion	Ratio	Lower	Upper
113	100		
111	82.6	82.6	124.0#
192	0.0	17.6	26.4#

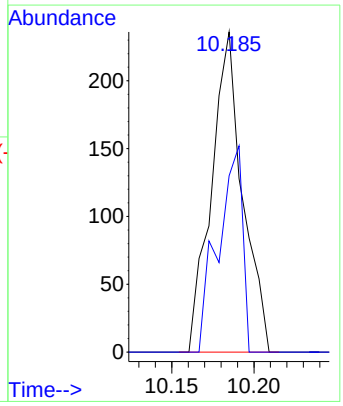


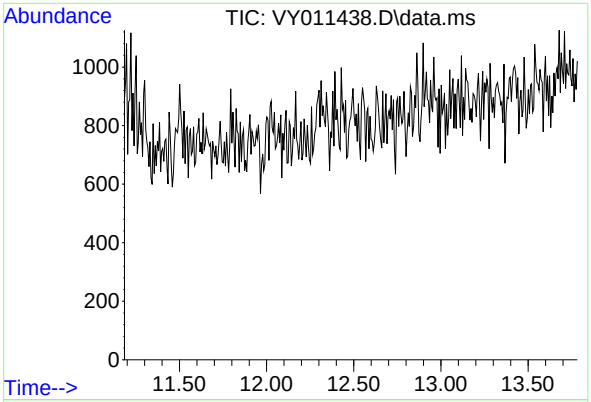


#50
Toluene-d8
Concen: 29.204 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.006 min
Lab File: VY011438.D
Acq: 14 Nov 2022 14:39

Tgt Ion: 98 Resp: 312

Ion	Ratio	Lower	Upper
98	100		
100	50.3	50.2	75.2





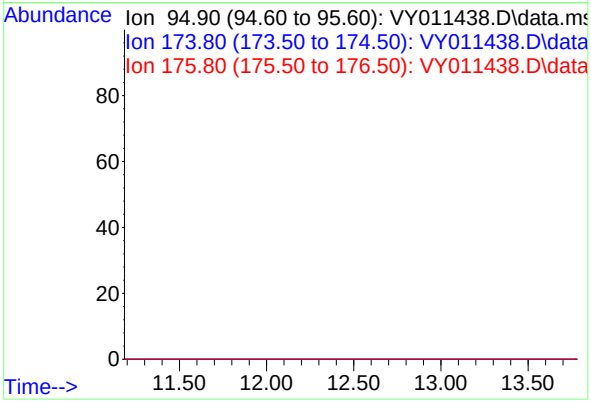
#62
4-Bromofluorobenzene
Concen: 0.000 ug/l
Expected RT: 12.48 min

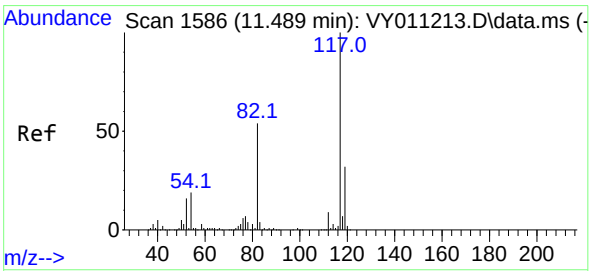
Lab File: VY011438.D
Acq: 14 Nov 2022 14:39

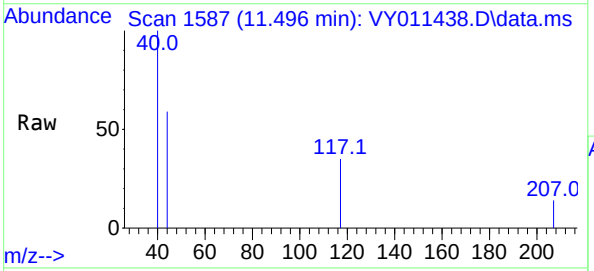
Instrument :
MSVOA_Y
ClientSampleId :
AU-06-110722RE

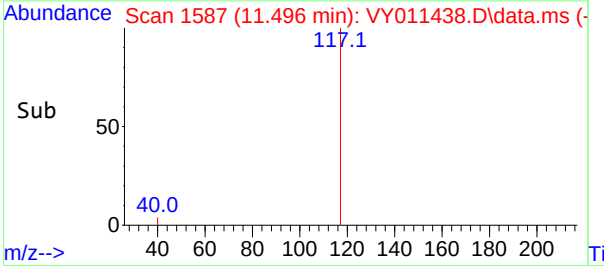
Tgt Ion: 95

Sig	Exp Ratio
95	100
174	88.5
176	87.9





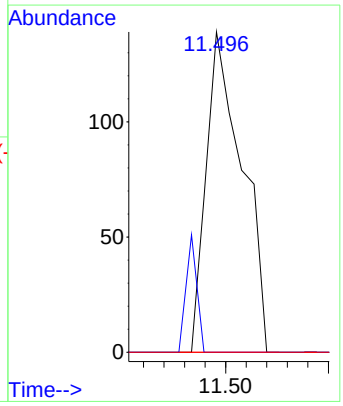


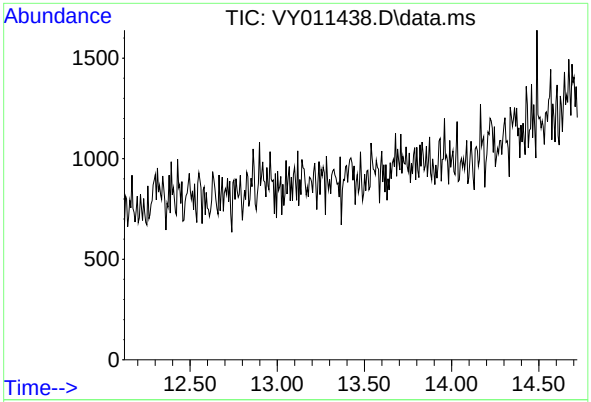


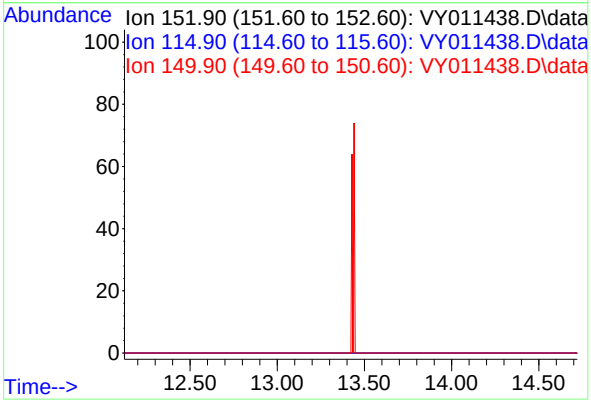
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY011438.D
Acq: 14 Nov 2022 14:39

Tgt Ion:117 Resp: 169

Ion	Ratio	Lower	Upper
117	100		
82	0.0	43.0	64.4#
119	0.0	25.4	38.0#







#72
1,4-Dichlorobenzene-d4
Concen: 0.000 ug/l
Expected RT: 13.42 min

Lab File: VY011438.D
Acq: 14 Nov 2022 14:39

Instrument :
MSVOA_Y
ClientSampleId :
AU-06-110722RE

Tgt Ion: 152

Sig	Exp Ratio
152	100
115	56.5
150	173.8