Quantitation Report (LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY093021\
Data File : VY006237.D
Acq On : 30 Sep 2021 14:10
Operator : SY/MD
Sample : M3990-04
Misc : 7.71G/5ML/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : S-838-R-SO-2-2.5-092921

Quant Time: Oct 01 06:27:13 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y092821S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 28 17:44:36 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.795	168	126305	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	206879	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	191597	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	85260	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	84501	62.508	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 125.020%			
35) Dibromofluoromethane	7.728	113	61452	55.599	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 111.200%			
50) Toluene-d8	10.185	98	257572	55.682	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 111.360%			
62) 4-Bromofluorobenzene	12.483	95	80704	51.357	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 102.720%			
Target Compounds						Qvalue
16) Acetone	3.960	43	5490	14.540	ug/l #	88
27) cis-1,2-Dichloroethene	6.996	96	2363	1.609	ug/l	87
44) Trichloroethene	8.941	130	5089	3.374	ug/l	91
95) Naphthalene	15.239	128	46263	14.204	ug/l	99

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

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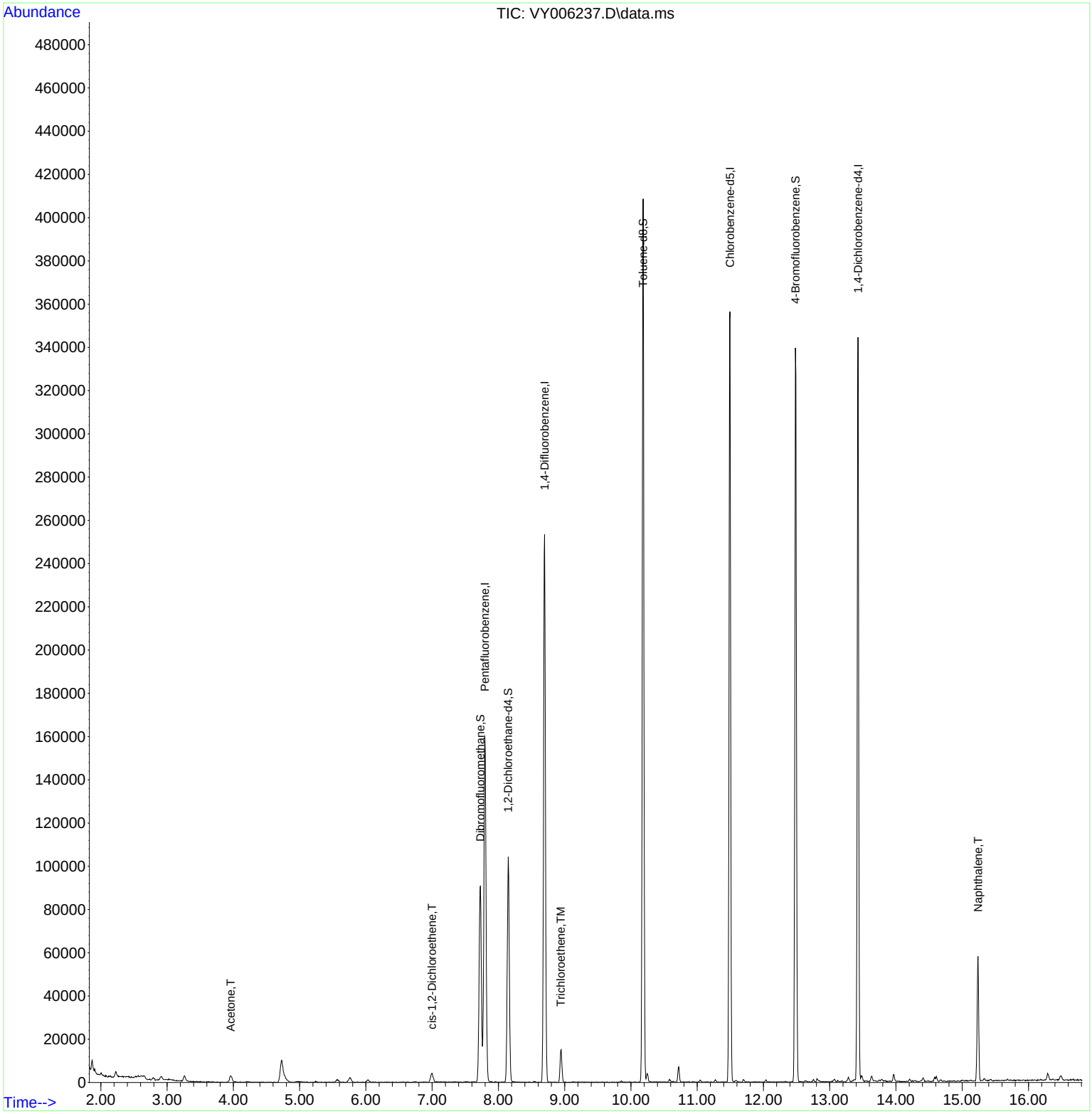
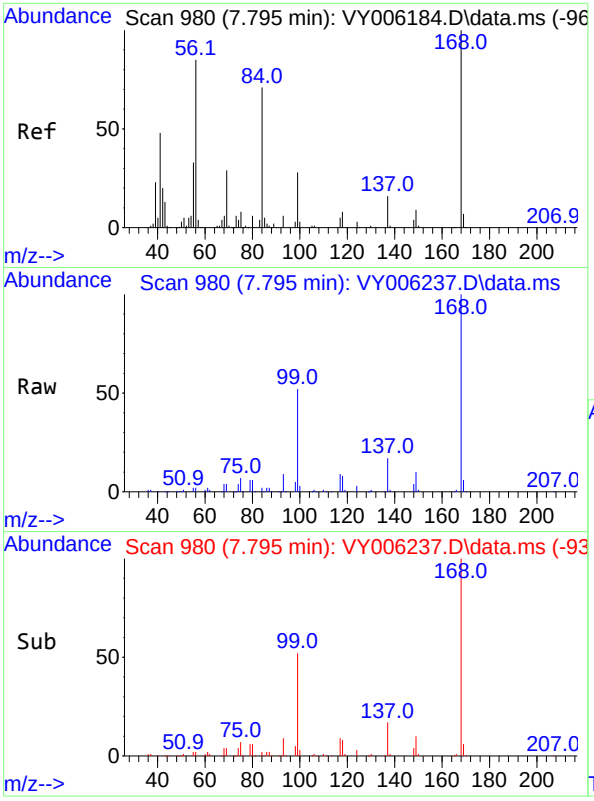


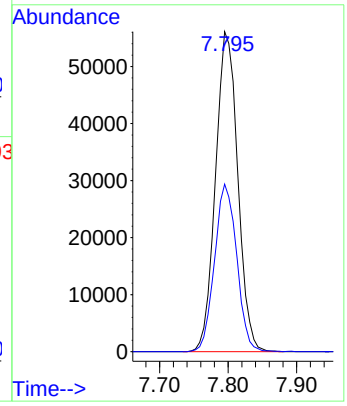
Instrument :
MSVOA_Y
ClientSampleId :
S-838-R-SO-2-2.5-092921

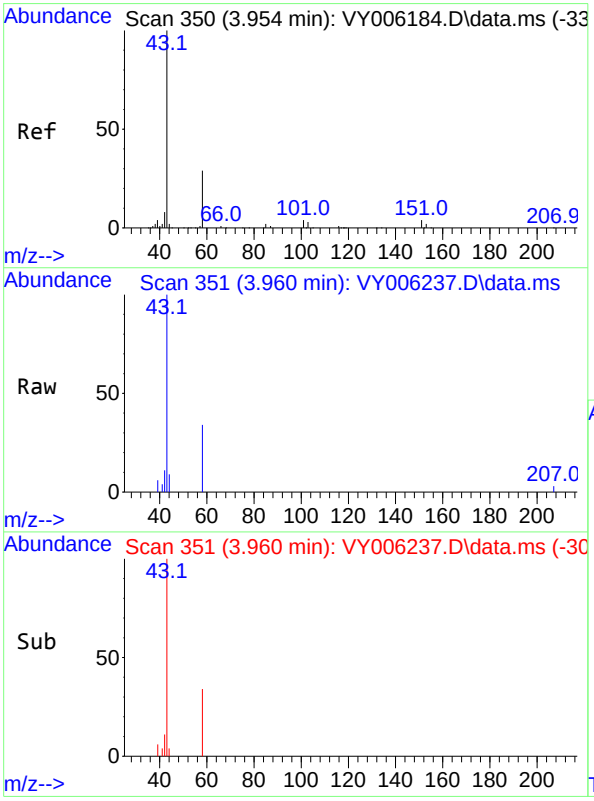


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY006237.D
Acq: 30 Sep 2021 14:10

Tgt Ion:168 Resp: 126305

Ion	Ratio	Lower	Upper
168	100		
99	52.4	46.9	70.3

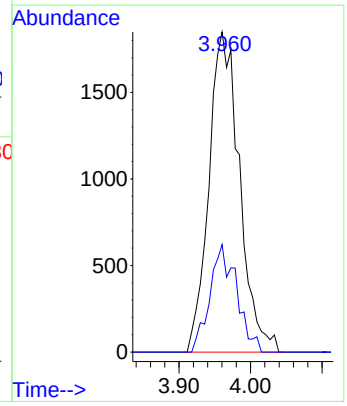




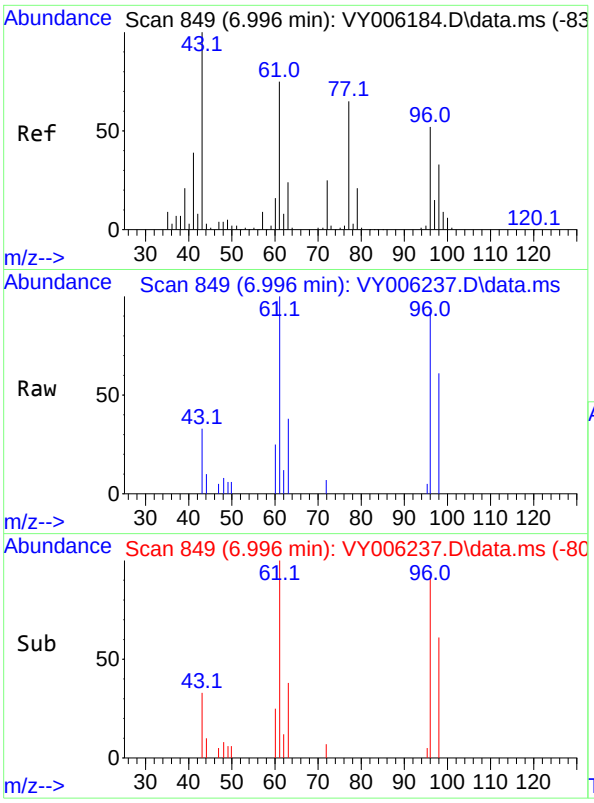
#16
Acetone
Concen: 14.540 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY006237.D
Acq: 30 Sep 2021 14:10

Tgt Ion: 43 Resp: 5490

Ion	Ratio	Lower	Upper
43	100		
58	33.6	22.0	33.0#



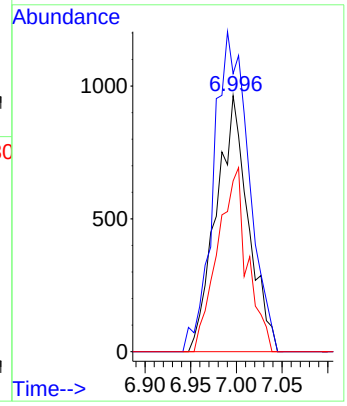
Instrument :
MSVOA_Y
ClientSampleId :
S-838-R-SO-2-2.5-092921

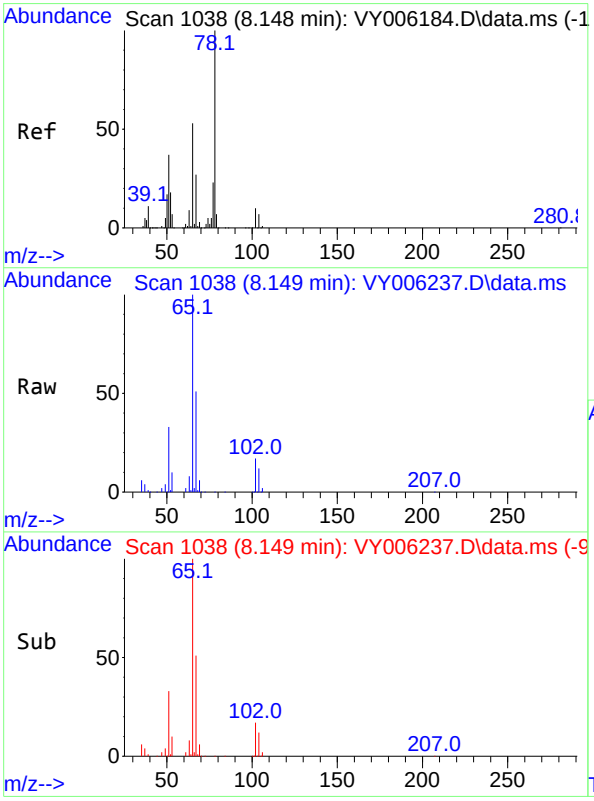


#27
cis-1,2-Dichloroethene
Concen: 1.609 ug/l
RT: 6.996 min Scan# 849
Delta R.T. 0.000 min
Lab File: VY006237.D
Acq: 30 Sep 2021 14:10

Tgt Ion: 96 Resp: 2363

Ion	Ratio	Lower	Upper
96	100		
61	137.1	0.0	319.8
98	66.6	0.0	127.0

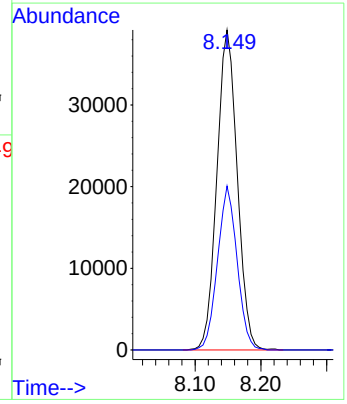




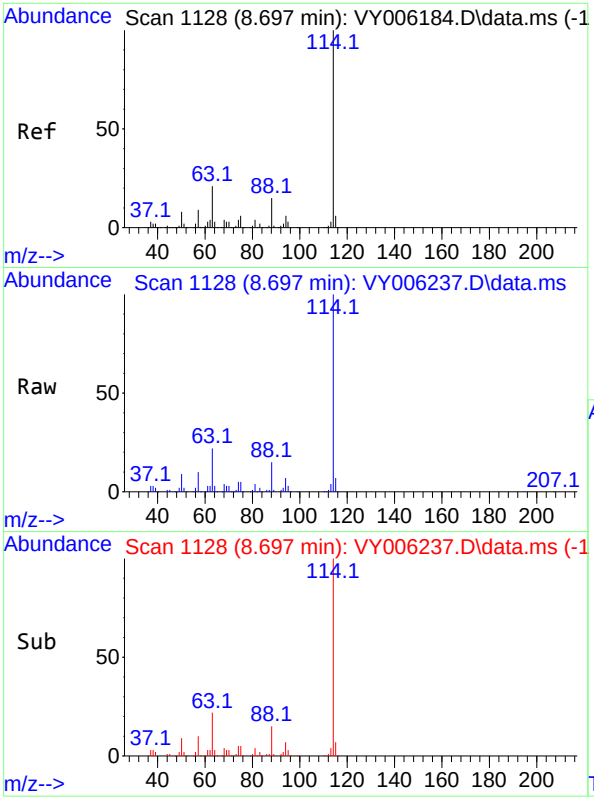
#33
1,2-Dichloroethane-d4
Concen: 62.508 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006237.D
Acq: 30 Sep 2021 14:10

Tgt Ion: 65 Resp: 84501

Ion	Ratio	Lower	Upper
65	100		
67	49.2	0.0	99.4



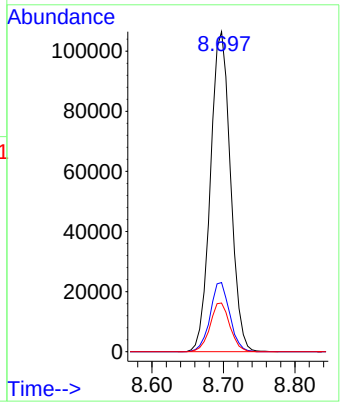
Instrument :
MSVOA_Y
ClientSampleId :
S-838-R-SO-2-2.5-092921

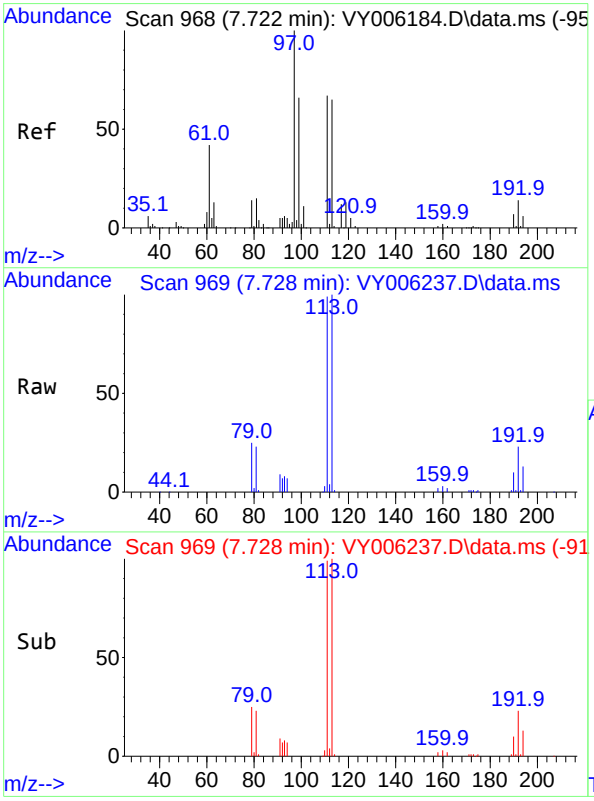


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY006237.D
Acq: 30 Sep 2021 14:10

Tgt Ion:114 Resp: 206879

Ion	Ratio	Lower	Upper
114	100		
63	21.6	0.0	43.2
88	15.2	0.0	31.8

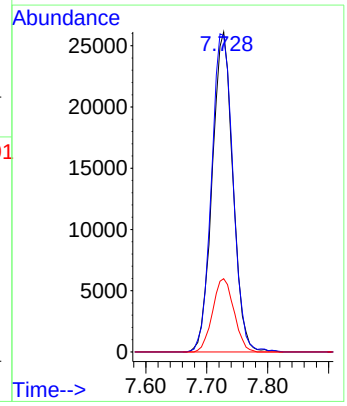


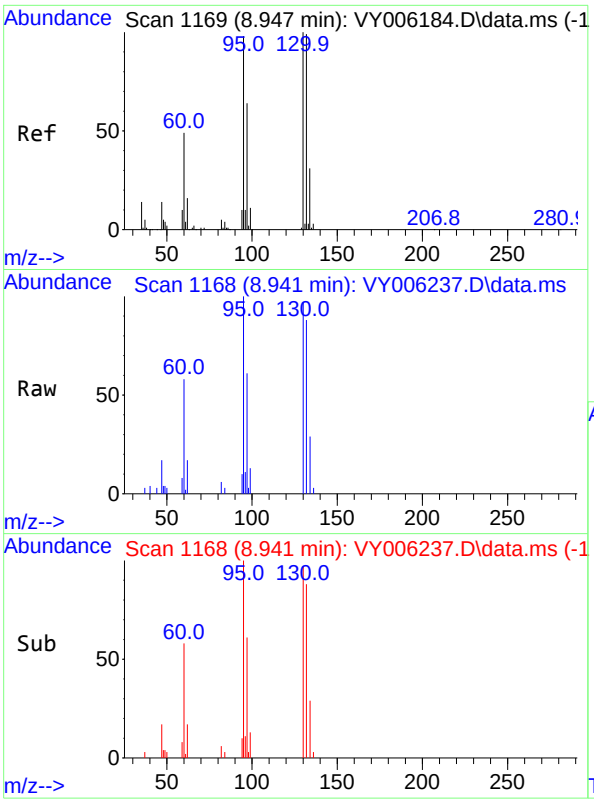


#35
Dibromofluoromethane
Concen: 55.599 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.006 min
Lab File: VY006237.D
Acq: 30 Sep 2021 14:10

Tgt Ion:113 Resp: 61452

Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.6	124.0
192	23.7	17.6	26.4

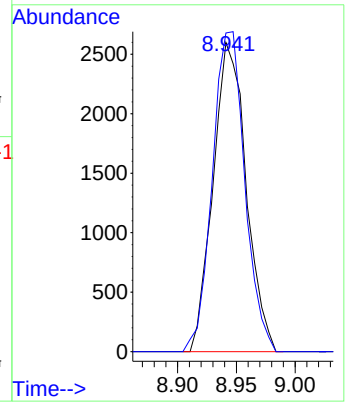




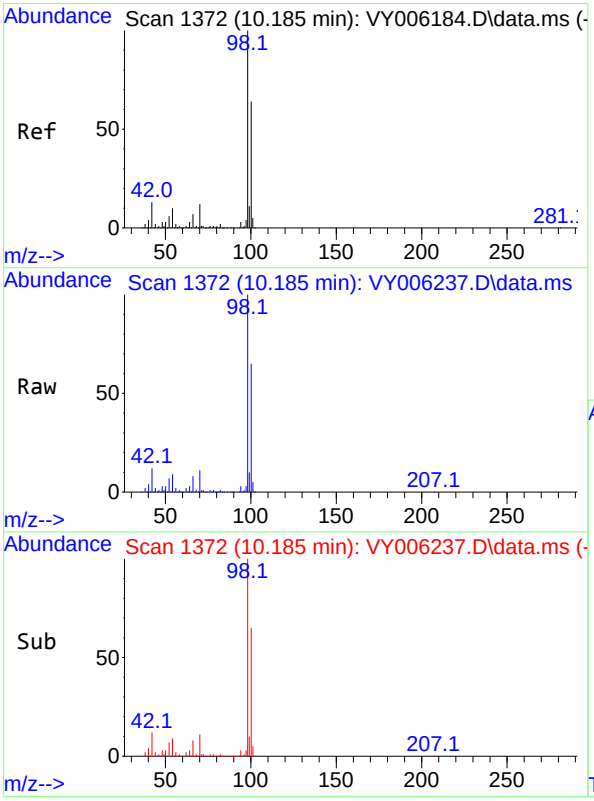
#44
Trichloroethene
Concen: 3.374 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. -0.006 min
Lab File: VY006237.D
Acq: 30 Sep 2021 14:10

Tgt Ion:130 Resp: 5089

Ion	Ratio	Lower	Upper
130	100		
95	103.1	0.0	188.2



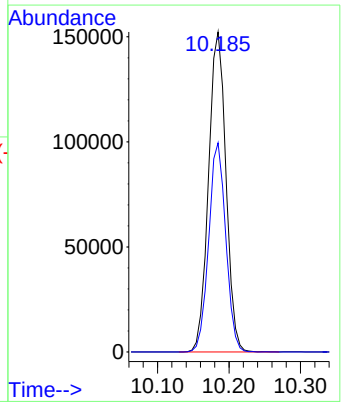
Instrument :
MSVOA_Y
ClientSampleId :
S-838-R-SO-2-2.5-092921

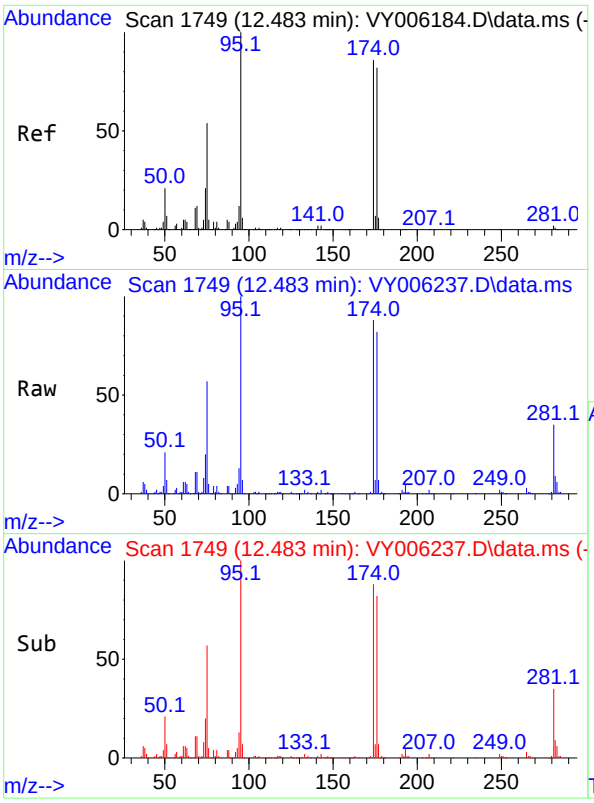


#50
Toluene-d8
Concen: 55.682 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006237.D
Acq: 30 Sep 2021 14:10

Tgt Ion: 98 Resp: 257572

Ion	Ratio	Lower	Upper
98	100		
100	64.0	50.2	75.2

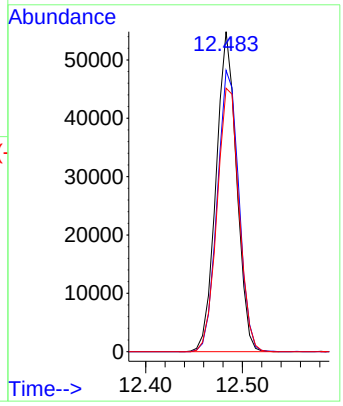




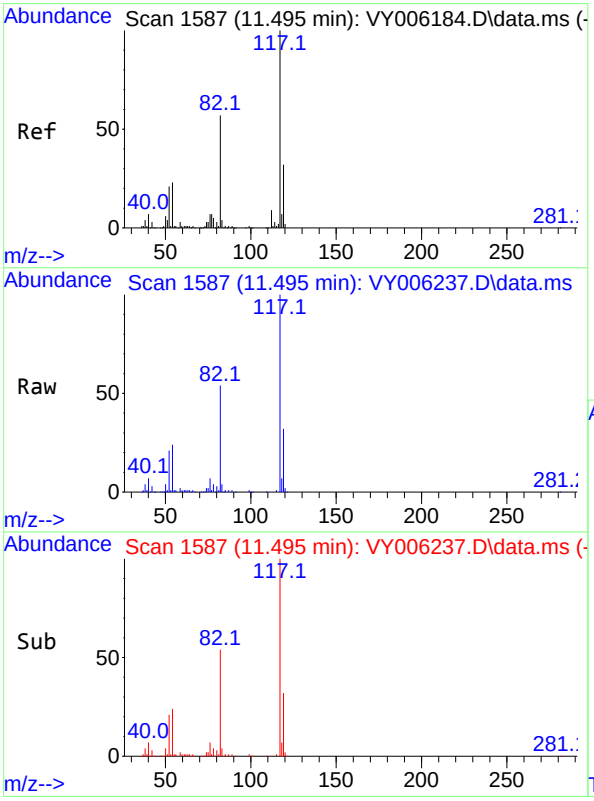
#62
4-Bromofluorobenzene
Concen: 51.357 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006237.D
Acq: 30 Sep 2021 14:10

Tgt Ion: 95 Resp: 80704

Ion	Ratio	Lower	Upper
95	100		
174	92.3	0.0	177.0
176	88.2	0.0	175.8



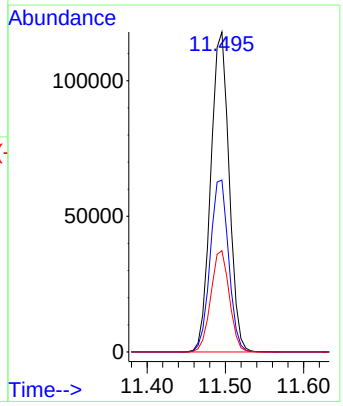
Instrument :
MSVOA_Y
ClientSampleId :
S-838-R-SO-2-2.5-092921

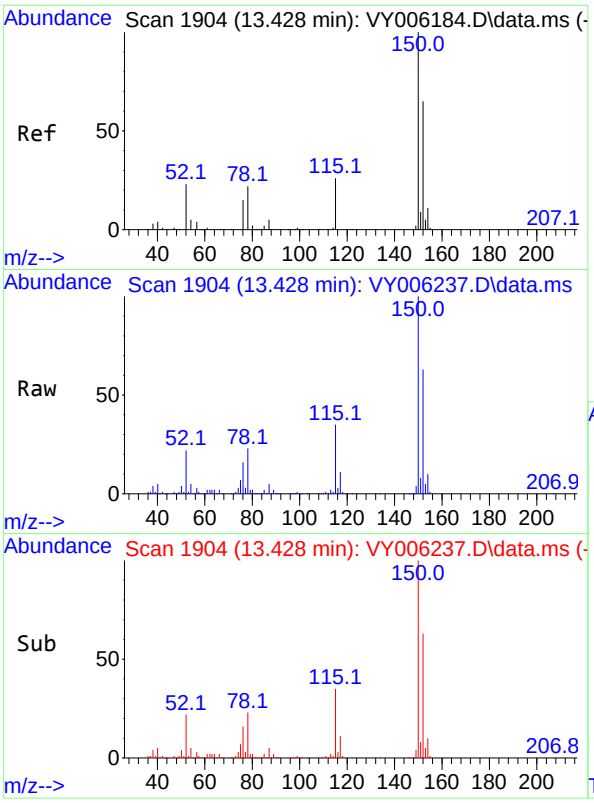


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY006237.D
Acq: 30 Sep 2021 14:10

Tgt Ion:117 Resp: 191597

Ion	Ratio	Lower	Upper
117	100		
82	53.7	43.0	64.4
119	31.7	25.4	38.0

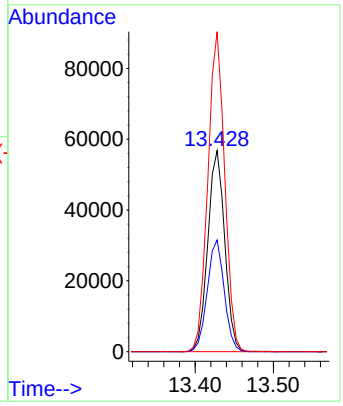




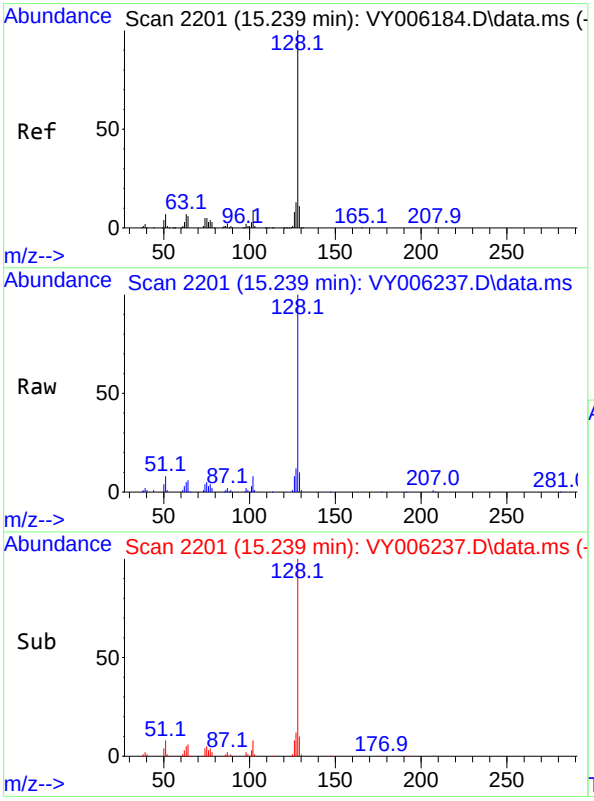
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006237.D
Acq: 30 Sep 2021 14:10

Tgt Ion:152 Resp: 85260

Ion	Ratio	Lower	Upper
152	100		
115	55.5	28.2	84.7
150	158.3	0.0	347.6



Instrument :
MSVOA_Y
ClientSampleId :
S-838-R-SO-2-2.5-092921



#95
Naphthalene
Concen: 14.204 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.000 min
Lab File: VY006237.D
Acq: 30 Sep 2021 14:10

Tgt Ion:128 Resp: 46263

Ion	Ratio	Lower	Upper
128	100		
127	13.1	11.0	16.4
129	10.8	8.4	12.6