Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110321\
Data File : VY006601.D
Acq On : 03 Nov 2021 14:46
Operator : SY/MD
Sample : M4411-04RE
Misc : 4.99G/5ML/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
MH-HHDRE

Quant Time: Nov 03 21:20:07 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102221S.M
Quant Title : SW846 8260
QLast Update : Sat Oct 23 06:59:04 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.801	168	89639	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	145695	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	119067	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	40294	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	49341	44.731	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 89.460%			
35) Dibromofluoromethane	7.722	113	41813	51.490	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.980%			
50) Toluene-d8	10.185	98	182875	53.123	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 106.240%			
62) 4-Bromofluorobenzene	12.483	95	44070	38.004	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 76.000%			
Target Compounds						Qvalue
16) Acetone	3.954	43	6262	19.715	ug/l	98
20) Methylene Chloride	4.728	84	7034	3.378	ug/l #	91
25) 2-Butanone	7.002	43	2300	5.527	ug/l	99

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

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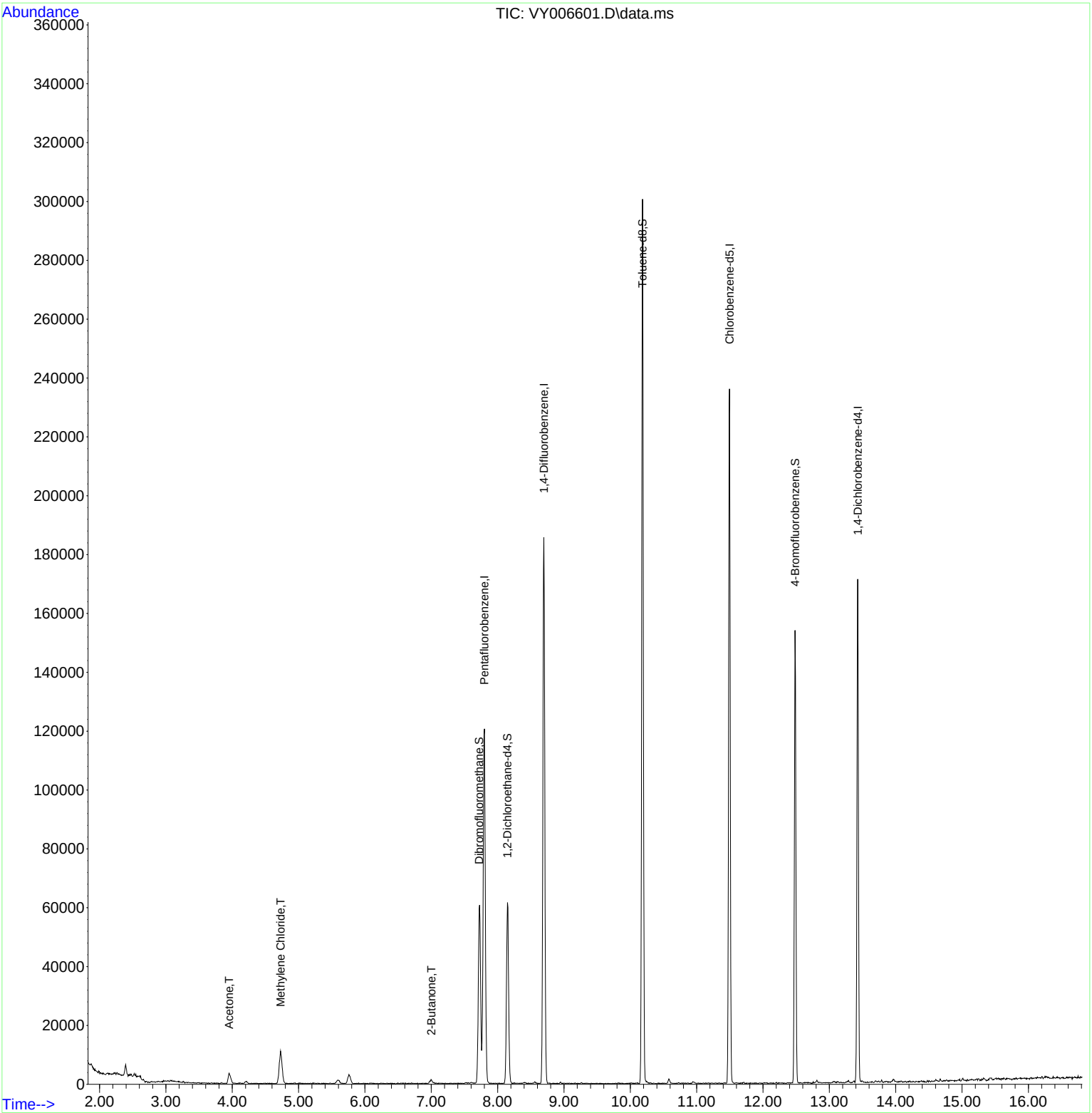
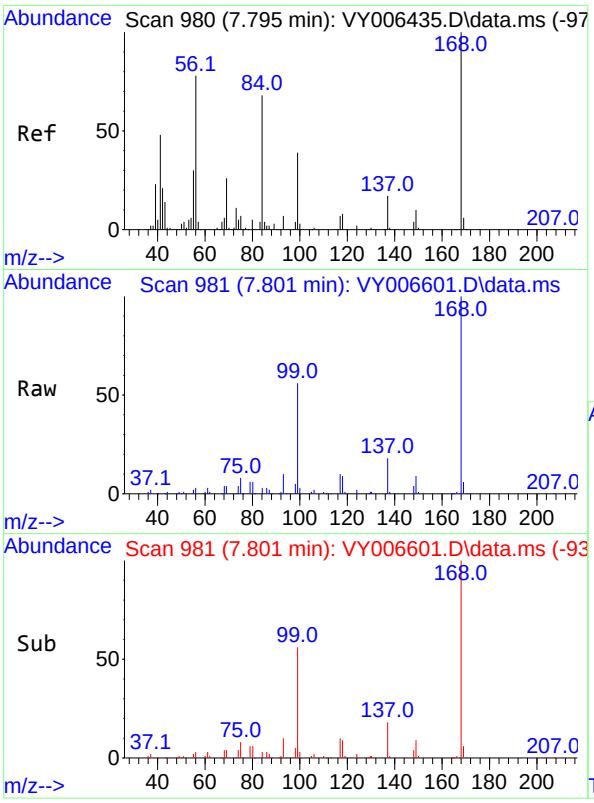


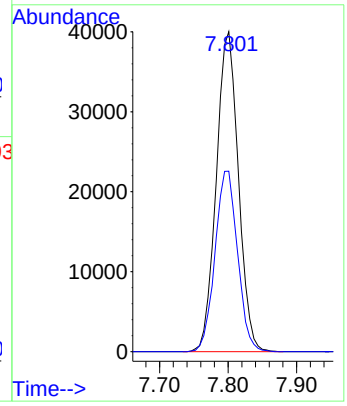


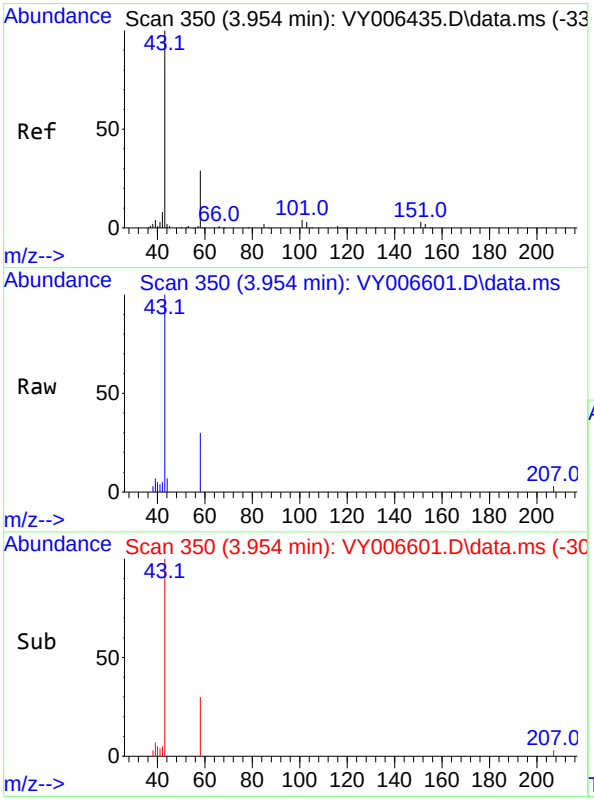
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY006601.D
Acq: 03 Nov 2021 14:46

Instrument :
MSVOA_Y
ClientSampleId :
MH-HHDRE

Tgt Ion:168 Resp: 89639

Ion	Ratio	Lower	Upper
168	100		
99	56.4	44.8	67.2

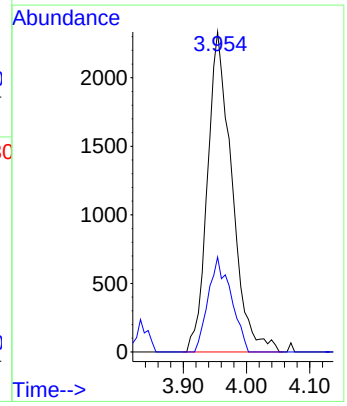


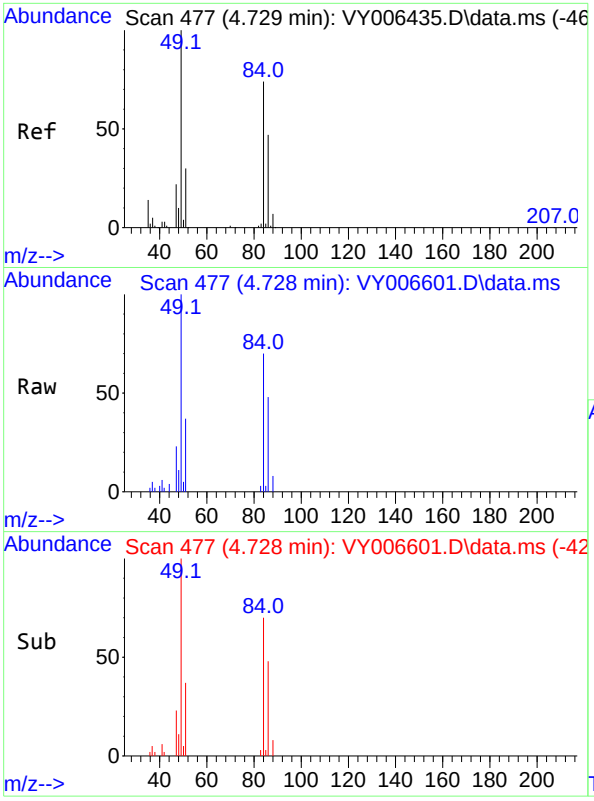


#16
Acetone
Concen: 19.715 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.000 min
Lab File: VY006601.D
Acq: 03 Nov 2021 14:46

Tgt Ion: 43 Resp: 6262

Ion	Ratio	Lower	Upper
43	100		
58	29.6	22.9	34.3



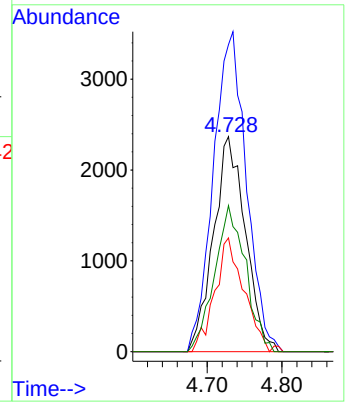


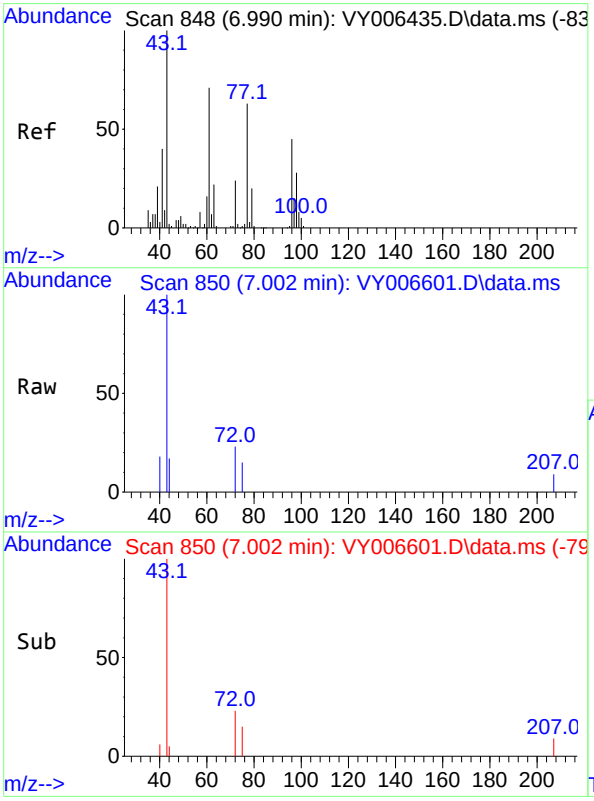
#20
Methylene Chloride
Concen: 3.378 ug/l
RT: 4.728 min Scan# 4
Delta R.T. -0.001 min
Lab File: VY006601.D
Acq: 03 Nov 2021 14:46

Instrument :
MSVOA_Y
ClientSampleId :
MH-HHDRE

Tgt Ion: 84 Resp: 7034

Ion	Ratio	Lower	Upper
84	100		
49	142.8	107.8	161.8
51	52.9	32.8	49.2#
86	67.9	50.6	75.8

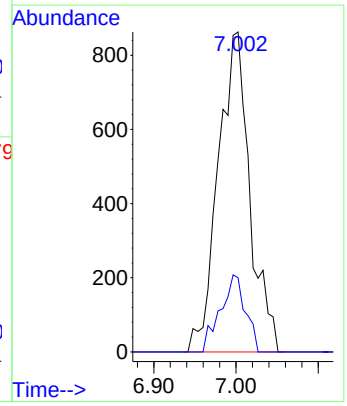


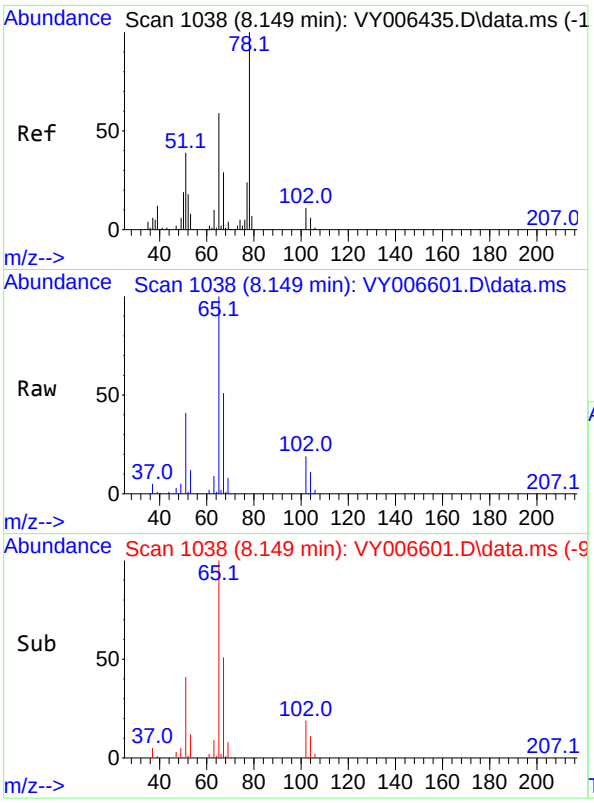


#25
2-Butanone
Concen: 5.527 ug/l
RT: 7.002 min Scan# 850
Delta R.T. 0.012 min
Lab File: VY006601.D
Acq: 03 Nov 2021 14:46

Tgt Ion: 43 Resp: 2300

Ion	Ratio	Lower	Upper
43	100		
72	23.2	18.9	28.3



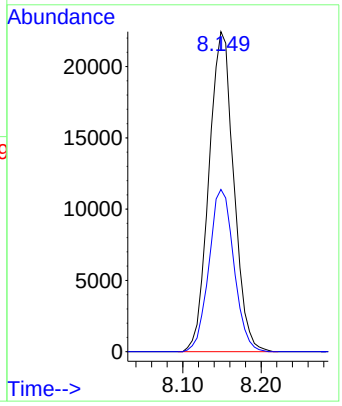


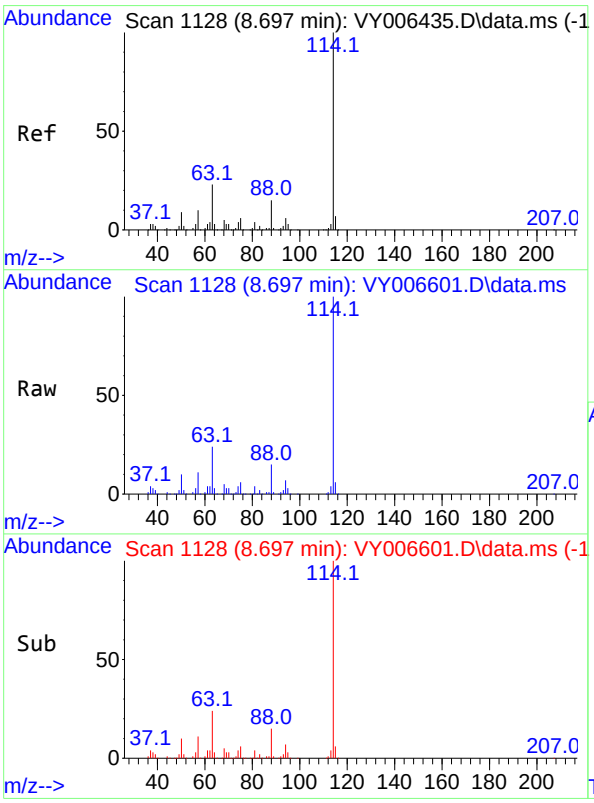
#33
1,2-Dichloroethane-d4
Concen: 44.731 ug/l
RT: 8.149 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY006601.D
Acq: 03 Nov 2021 14:46

Instrument :
MSVOA_Y
ClientSampleId :
MH-HHDRE

Tgt Ion: 65 Resp: 49341

Ion	Ratio	Lower	Upper
65	100		
67	51.0	0.0	98.2

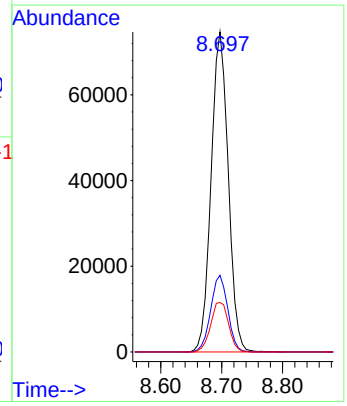


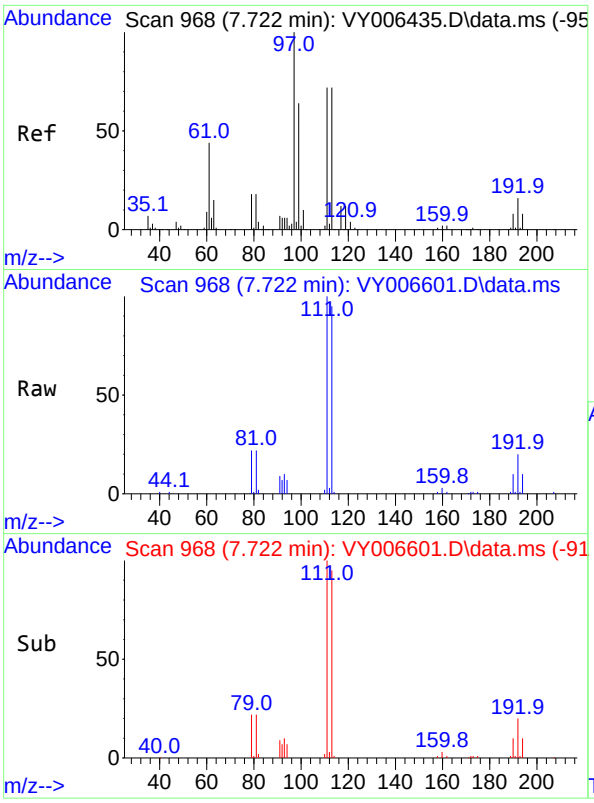


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY006601.D
Acq: 03 Nov 2021 14:46

Tgt Ion:114 Resp: 145695

Ion	Ratio	Lower	Upper
114	100		
63	24.0	0.0	45.0
88	15.4	0.0	30.6



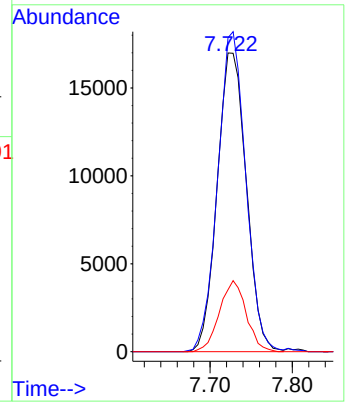


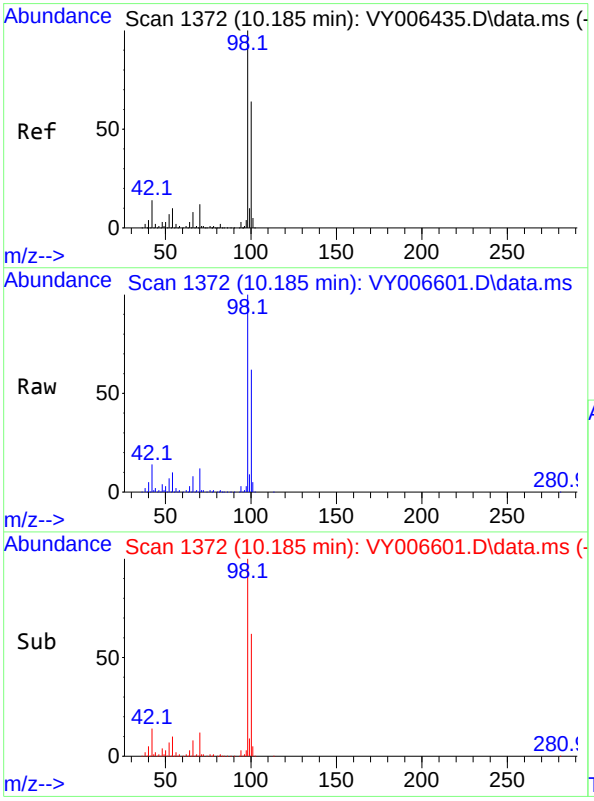
#35
Dibromofluoromethane
Concen: 51.490 ug/l
RT: 7.722 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY006601.D
Acq: 03 Nov 2021 14:46

Instrument :
MSVOA_Y
ClientSampleId :
MH-HHDRE

Tgt Ion:113 Resp: 41813

Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.3	123.5
192	21.9	17.4	26.2

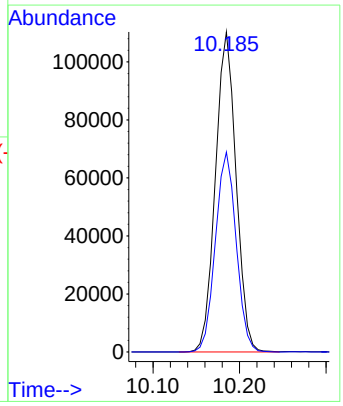


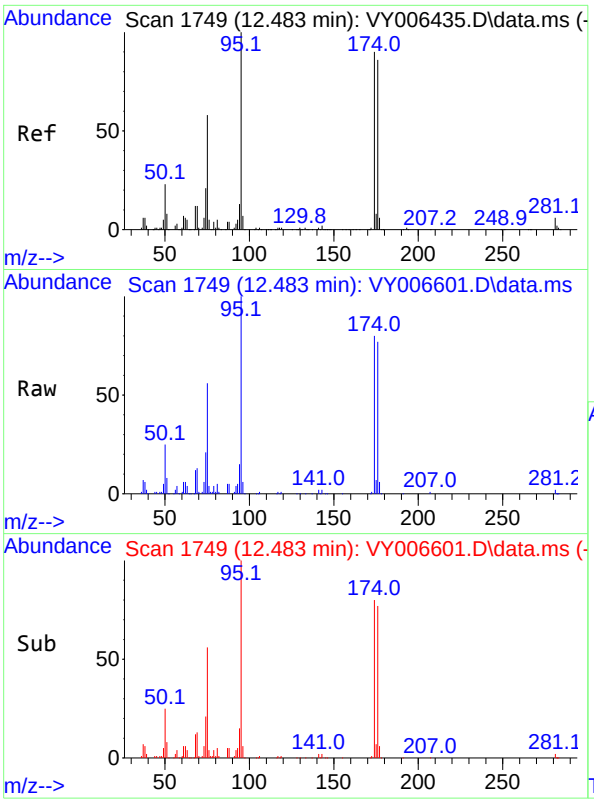


#50
Toluene-d8
Concen: 53.123 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY006601.D
Acq: 03 Nov 2021 14:46

Tgt Ion: 98 Resp: 182875

Ion	Ratio	Lower	Upper
98	100		
100	62.7	50.9	76.3



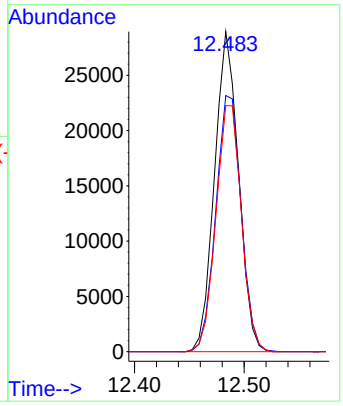


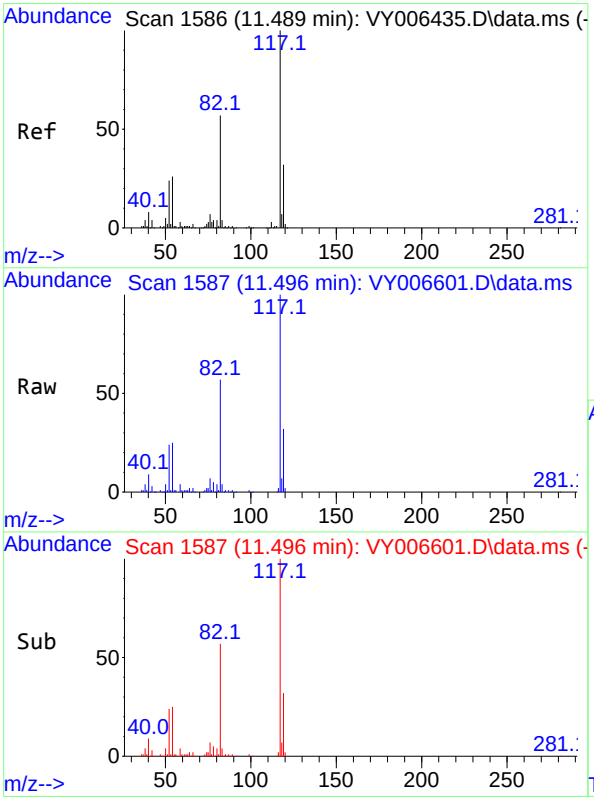
#62
4-Bromofluorobenzene
Concen: 38.004 ug/l
RT: 12.483 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY006601.D
Acq: 03 Nov 2021 14:46

Instrument :
MSVOA_Y
ClientSampleId :
MH-HHDRE

Tgt Ion: 95 Resp: 44070

Ion	Ratio	Lower	Upper
95	100		
174	84.5	0.0	177.0
176	81.4	0.0	169.4

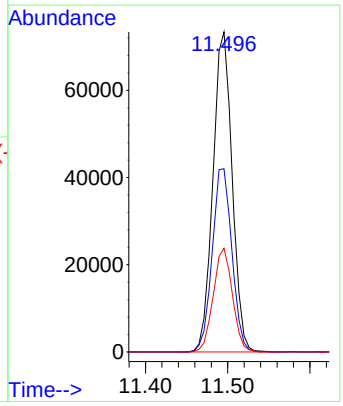


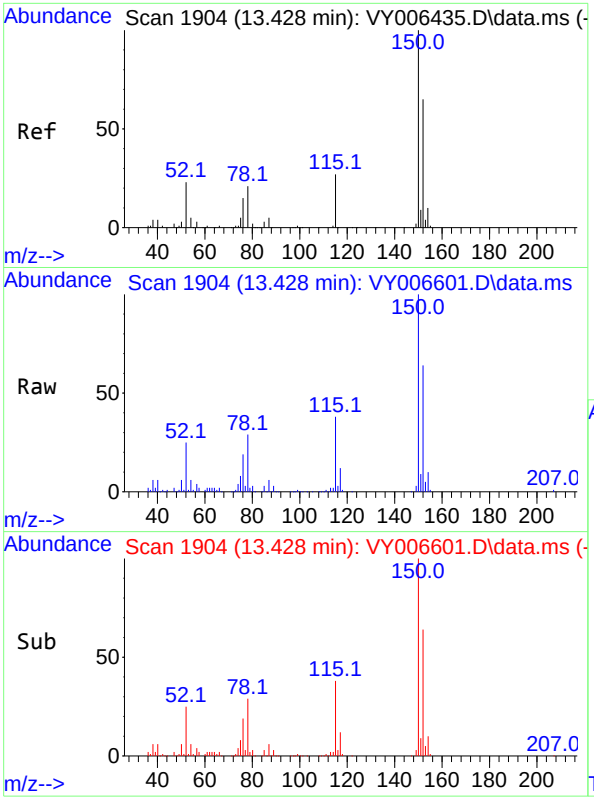


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY006601.D
Acq: 03 Nov 2021 14:46

Tgt Ion:117 Resp: 119067

Ion	Ratio	Lower	Upper
117	100		
82	57.3	45.7	68.5
119	32.4	25.5	38.3





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY006601.D
Acq: 03 Nov 2021 14:46

Instrument :
MSVOA_Y
ClientSampleId :
MH-HHDRE

Tgt Ion:152 Resp: 40294

Ion	Ratio	Lower	Upper
152	100		
115	59.2	28.5	85.5
150	158.5	0.0	348.2