Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110321\
Data File : VY006604.D
Acq On : 03 Nov 2021 15:56
Operator : SY/MD
Sample : M4427-04RE
Misc : 3.39G/5ML/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
FDR-BH-4-20211029-7.5-8MRE

Quant Time: Nov 03 21:21:09 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	141314	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	233028	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	170964	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	19155	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	93838	53.962	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 107.920%			
35) Dibromofluoromethane	7.728	113	69229	53.301	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.600%			
50) Toluene-d8	10.185	98	293282	53.266	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 106.540%			
62) 4-Bromofluorobenzene	12.483	95	53591	28.894	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 57.780%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.966	59	9931	62.863	ug/l #	88
16) Acetone	3.954	43	87574	174.894	ug/l	96
25) 2-Butanone	6.996	43	46527	70.925	ug/l #	75
83) tert-Butylbenzene	13.074	119	1924854	1996.451	ug/l	98

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

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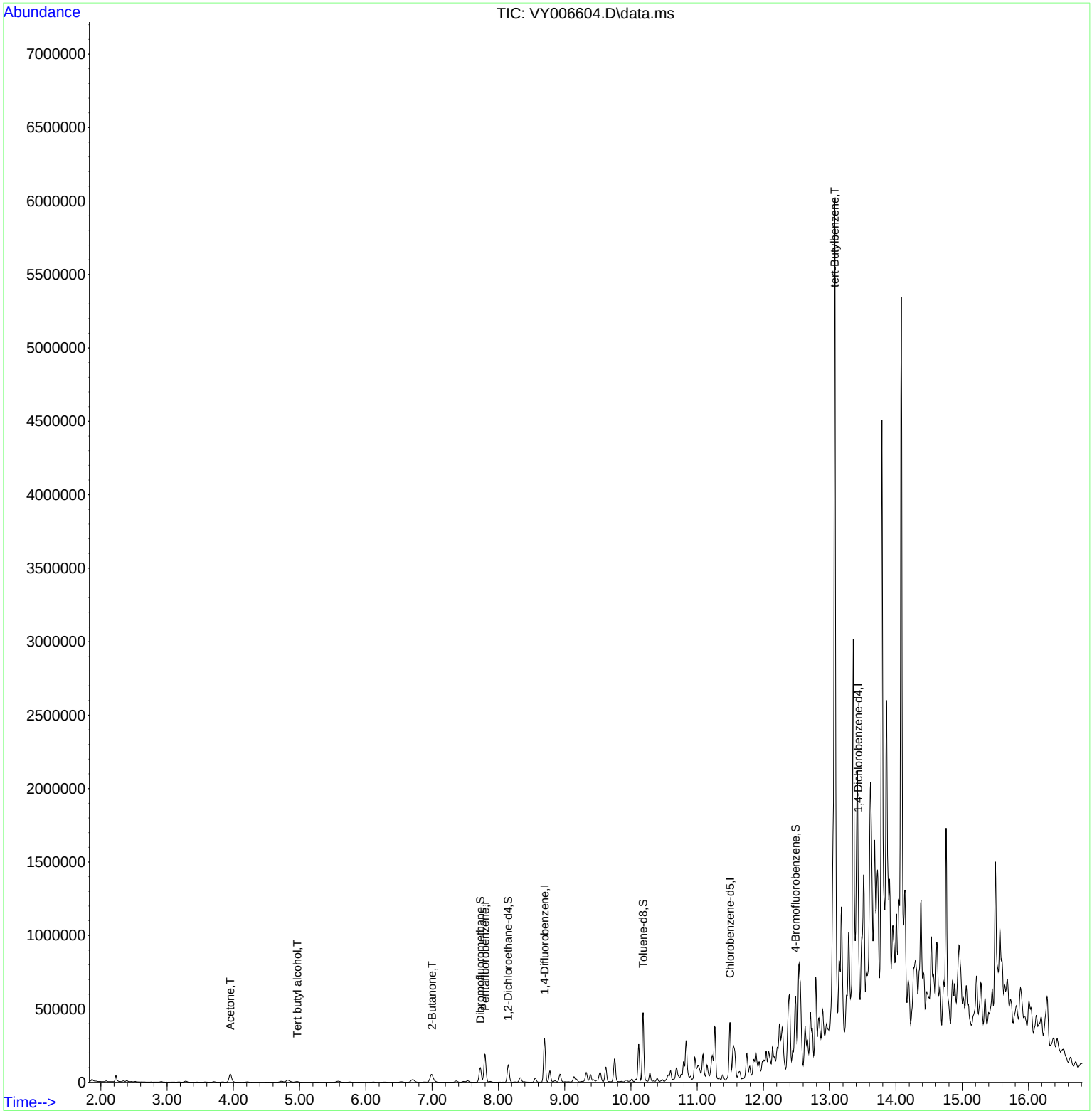
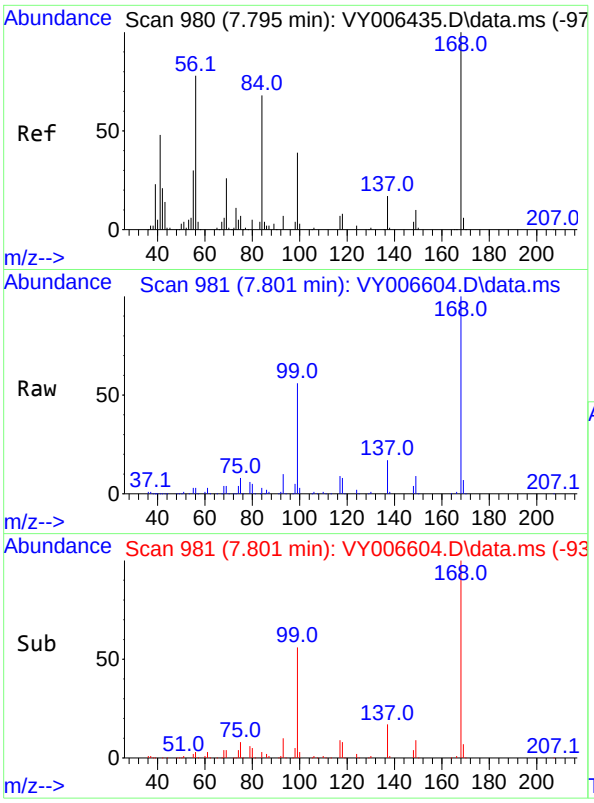


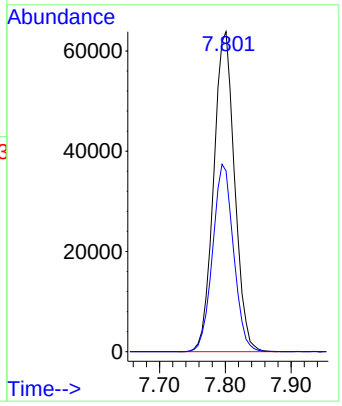


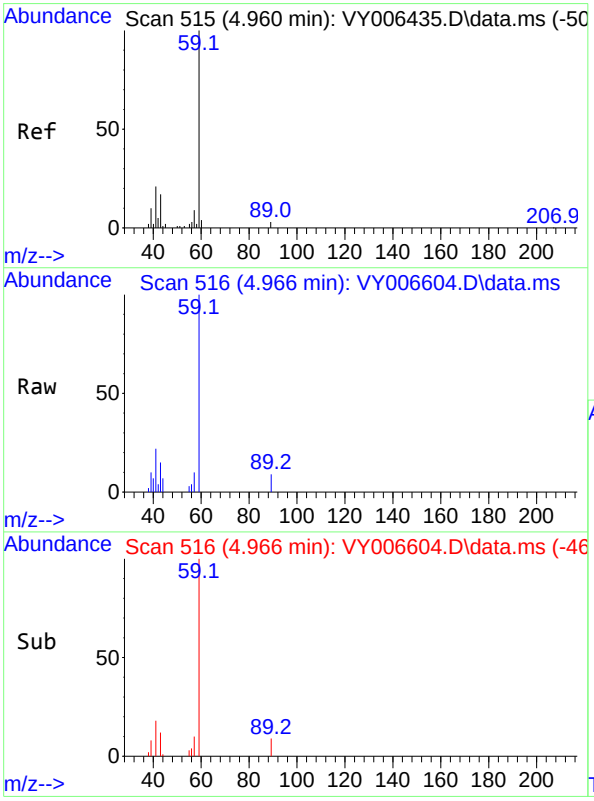
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY006604.D
Acq: 03 Nov 2021 15:56

Instrument :
MSVOA_Y
ClientSampleId :
FDR-BH-4-20211029-7.5-8MRE

Tgt Ion:168 Resp: 141314

Ion	Ratio	Lower	Upper
168	100		
99	56.5	44.8	67.2

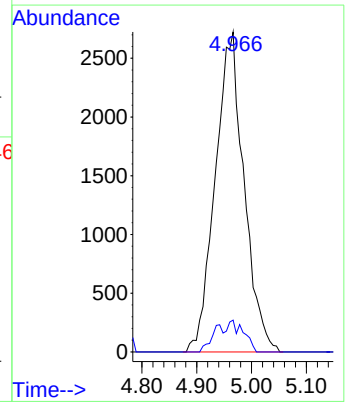


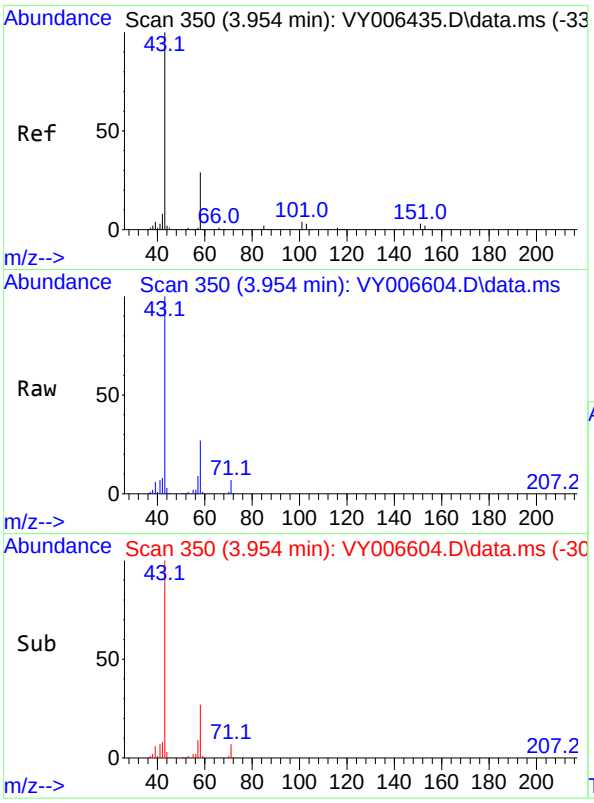


#11
Tert butyl alcohol
Concen: 62.863 ug/l
RT: 4.966 min Scan# 516
Delta R.T. 0.006 min
Lab File: VY006604.D
Acq: 03 Nov 2021 15:56

Tgt Ion: 59 Resp: 9931

Ion	Ratio	Lower	Upper
59	100		
57	5.8	8.2	12.4#



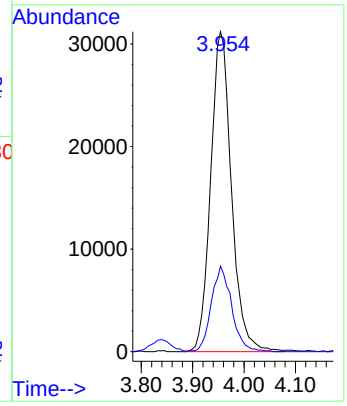


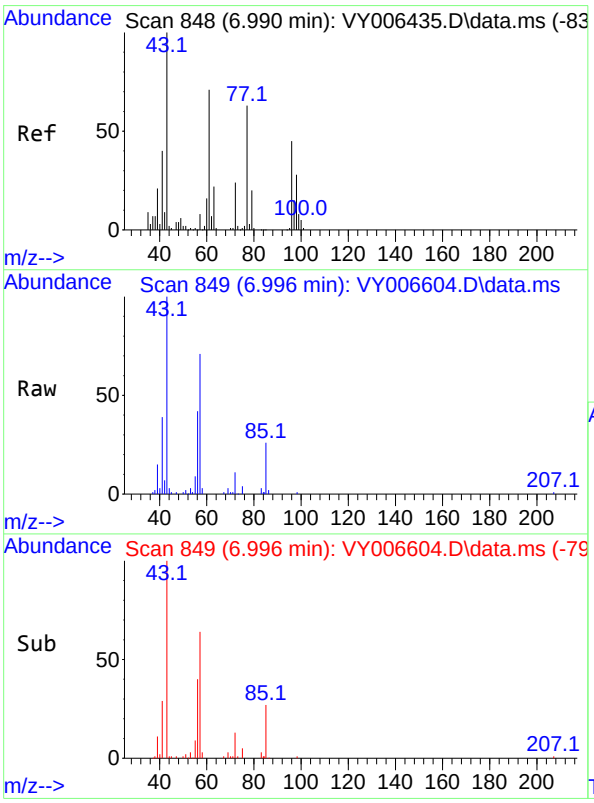
#16
Acetone
Concen: 174.894 ug/l
RT: 3.954 min Scan# 3
Delta R.T. -0.000 min
Lab File: VY006604.D
Acq: 03 Nov 2021 15:56

Instrument :
MSVOA_Y
ClientSampleId :
FDR-BH-4-20211029-7.5-8MRE

Tgt Ion: 43 Resp: 87574

Ion	Ratio	Lower	Upper
43	100		
58	26.7	22.9	34.3

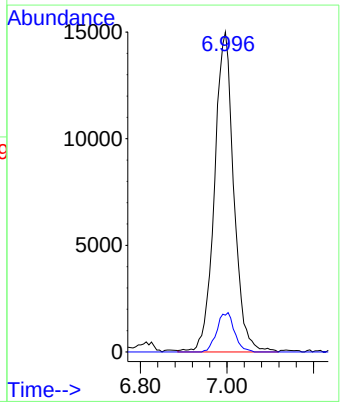


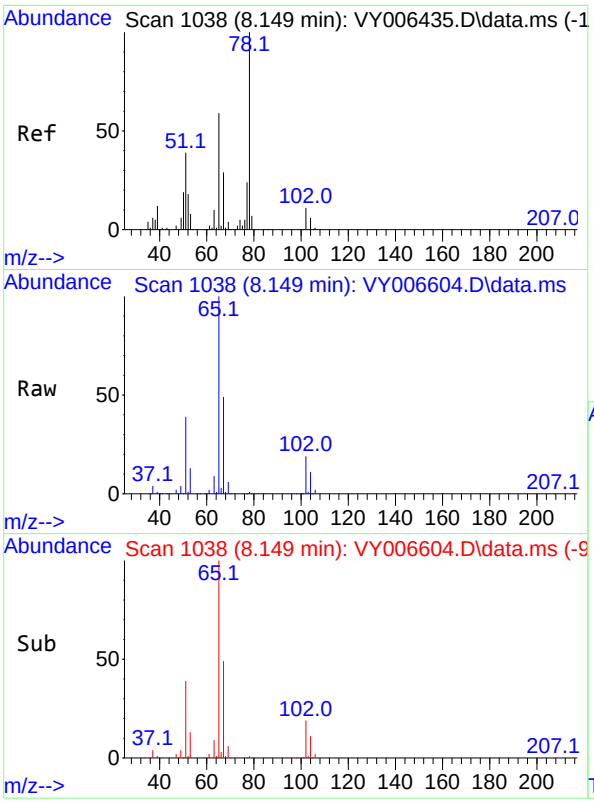


#25
2-Butanone
Concen: 70.925 ug/l
RT: 6.996 min Scan# 849
Delta R.T. 0.006 min
Lab File: VY006604.D
Acq: 03 Nov 2021 15:56

Tgt Ion: 43 Resp: 46527

Ion	Ratio	Lower	Upper
43	100		
72	11.5	18.9	28.3#



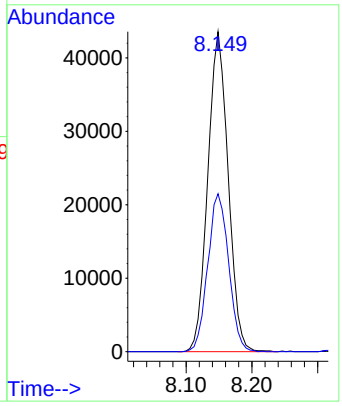


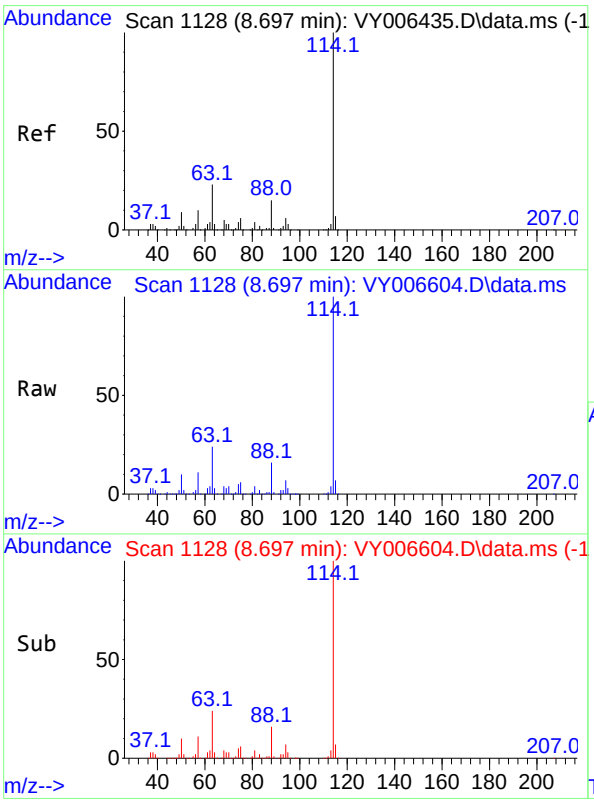
#33
1,2-Dichloroethane-d4
Concen: 53.962 ug/l
RT: 8.149 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY006604.D
Acq: 03 Nov 2021 15:56

Instrument :
MSVOA_Y
ClientSampleId :
FDR-BH-4-20211029-7.5-8MRE

Tgt Ion: 65 Resp: 93838

Ion	Ratio	Lower	Upper
65	100		
67	50.7	0.0	98.2

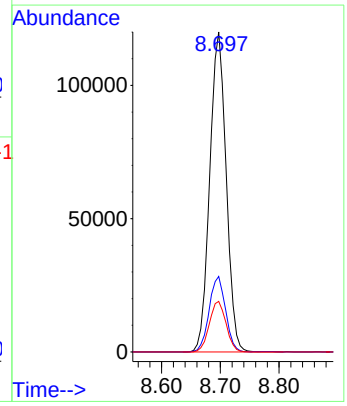


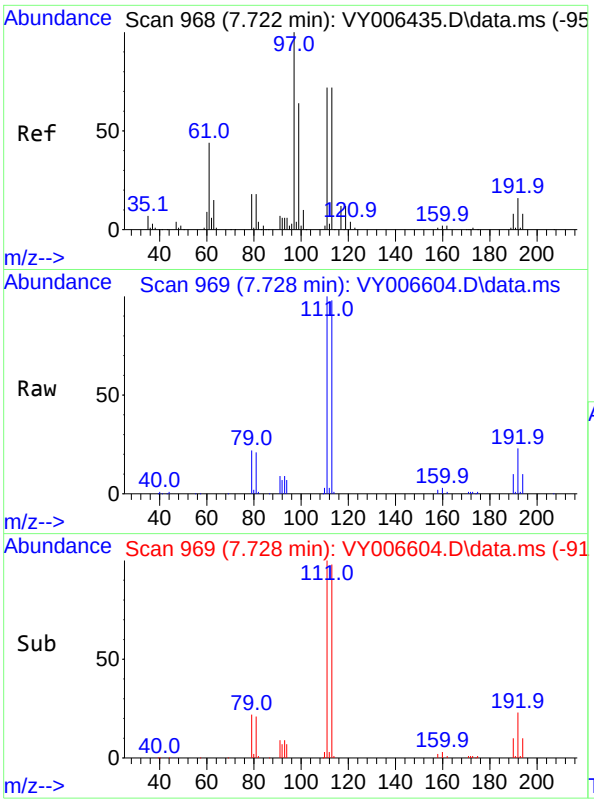


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY006604.D
Acq: 03 Nov 2021 15:56

Tgt Ion:114 Resp: 233028

Ion	Ratio	Lower	Upper
114	100		
63	23.6	0.0	45.0
88	15.8	0.0	30.6



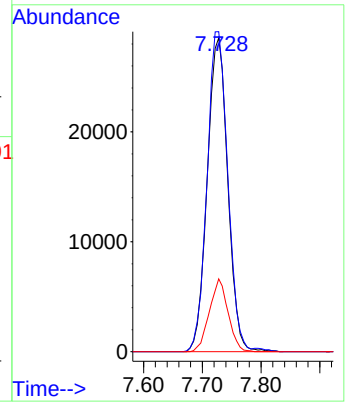


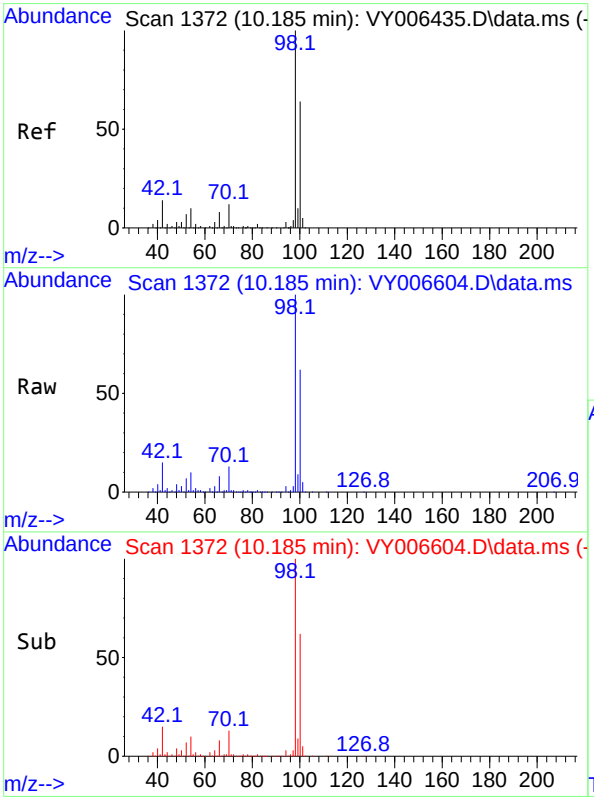
#35
Dibromofluoromethane
Concen: 53.301 ug/l
RT: 7.728 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY006604.D
Acq: 03 Nov 2021 15:56

Instrument :
MSVOA_Y
ClientSampleId :
FDR-BH-4-20211029-7.5-8MRE

Tgt Ion:113 Resp: 69229

Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.3	123.5
192	21.1	17.4	26.2

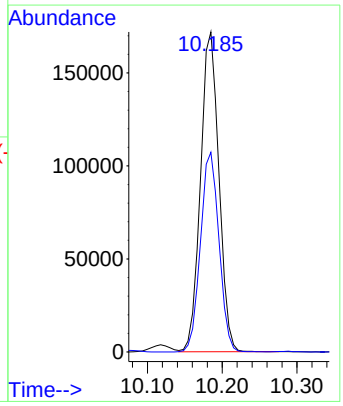


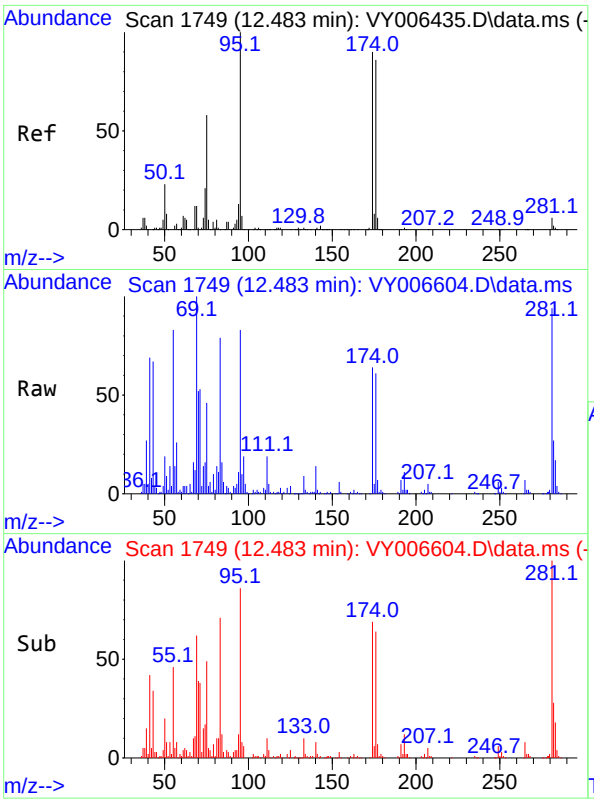


#50
Toluene-d8
Concen: 53.266 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY006604.D
Acq: 03 Nov 2021 15:56

Tgt Ion: 98 Resp: 293282

Ion	Ratio	Lower	Upper
98	100		
100	63.0	50.9	76.3



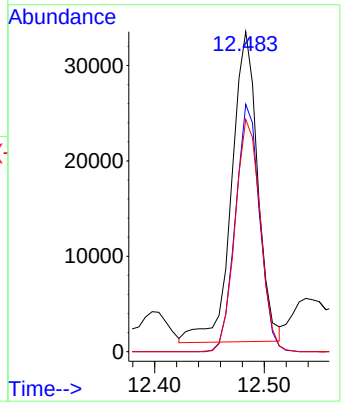


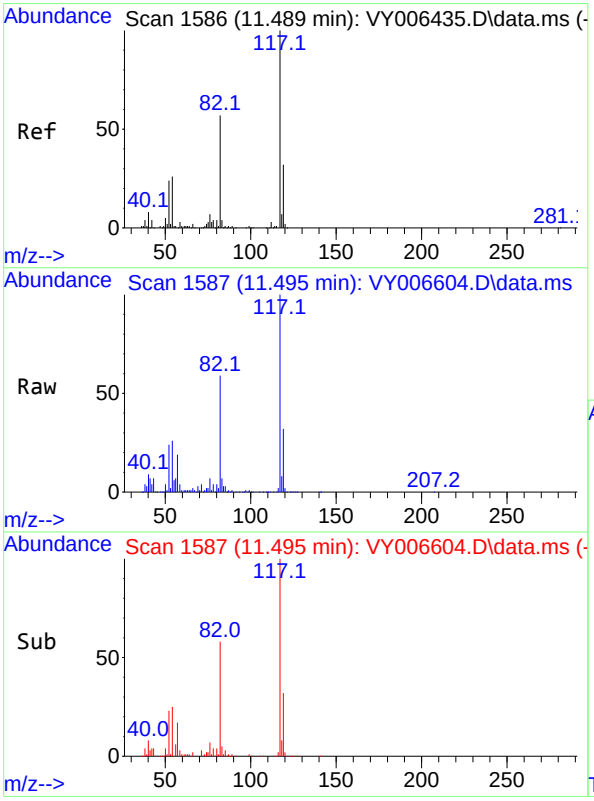
#62
4-Bromofluorobenzene
Concen: 28.894 ug/l
RT: 12.483 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY006604.D
Acq: 03 Nov 2021 15:56

Instrument :
MSVOA_Y
ClientSampleId :
FDR-BH-4-20211029-7.5-8MRE

Tgt Ion: 95 Resp: 53591

Ion	Ratio	Lower	Upper
95	100		
174	74.3	0.0	177.0
176	72.3	0.0	169.4

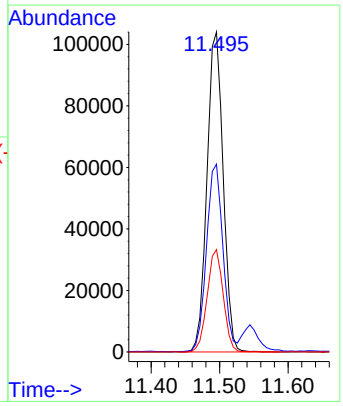


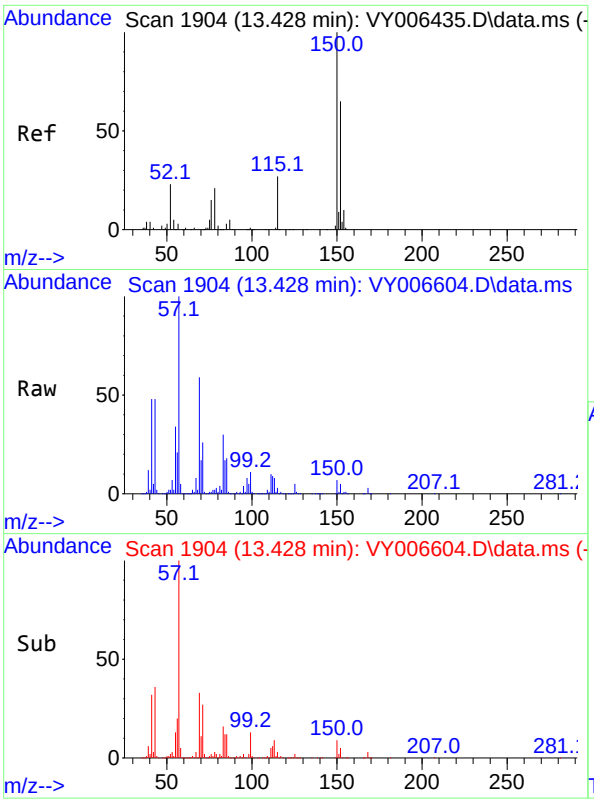


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY006604.D
Acq: 03 Nov 2021 15:56

Tgt Ion:117 Resp: 170964

Ion	Ratio	Lower	Upper
117	100		
82	58.5	45.7	68.5
119	32.0	25.5	38.3



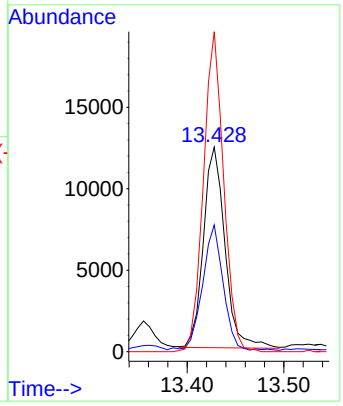


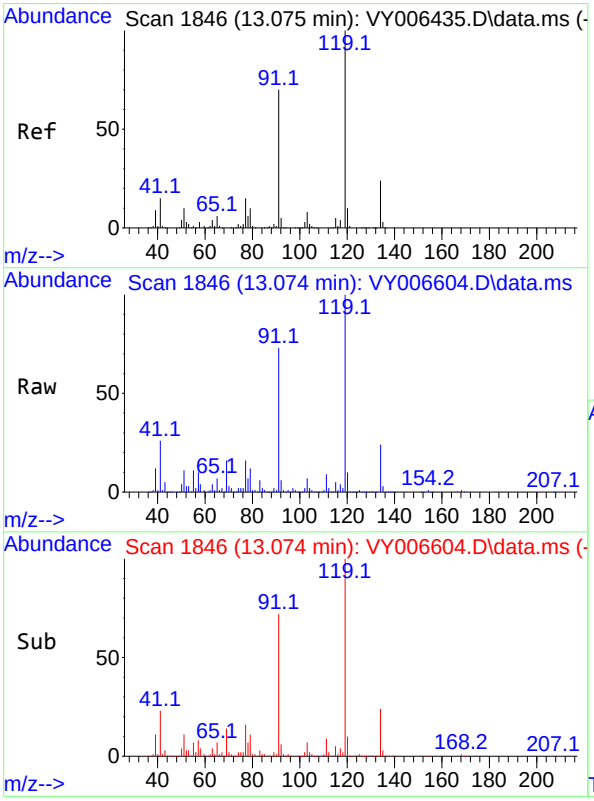
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY006604.D
Acq: 03 Nov 2021 15:56

Instrument :
MSVOA_Y
ClientSampleId :
FDR-BH-4-20211029-7.5-8MRE

Tgt Ion:152 Resp: 19155

Ion	Ratio	Lower	Upper
152	100		
115	58.7	28.5	85.5
150	149.3	0.0	348.2





#83
tert-Butylbenzene
Concen: 1996.451 ug/l
RT: 13.074 min Scan# 1846
Delta R.T. -0.000 min
Lab File: VY006604.D
Acq: 03 Nov 2021 15:56

Tgt Ion:119 Resp: 1924854

Ion	Ratio	Lower	Upper
119	100		
91	71.3	34.8	104.5
134	24.6	13.0	38.9