Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110221\
Data File : VY006590.D
Acq On : 02 Nov 2021 20:34
Operator : SY/MD
Sample : M4427-07
Misc : 2.34G/5ML/MSVOA_Y/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
FDR-BH-3-20211029-5-5.5

Quant Time: Nov 03 02:03:32 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	145110	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	245889	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	216157	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	72320	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	105928	59.321	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 118.640%			
35) Dibromofluoromethane	7.728	113	73815	53.859	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.720%			
50) Toluene-d8	10.185	98	311902	53.685	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 107.380%			
62) 4-Bromofluorobenzene	12.483	95	90833	46.412	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 92.820%			
Target Compounds						Qvalue
16) Acetone	3.960	43	19295	37.526	ug/l	94
17) Carbon Disulfide	4.210	76	6232	1.450	ug/l	96
25) 2-Butanone	6.996	43	8182	12.146	ug/l	93
83) tert-Butylbenzene	13.081	119	8865	2.435	ug/l	95

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

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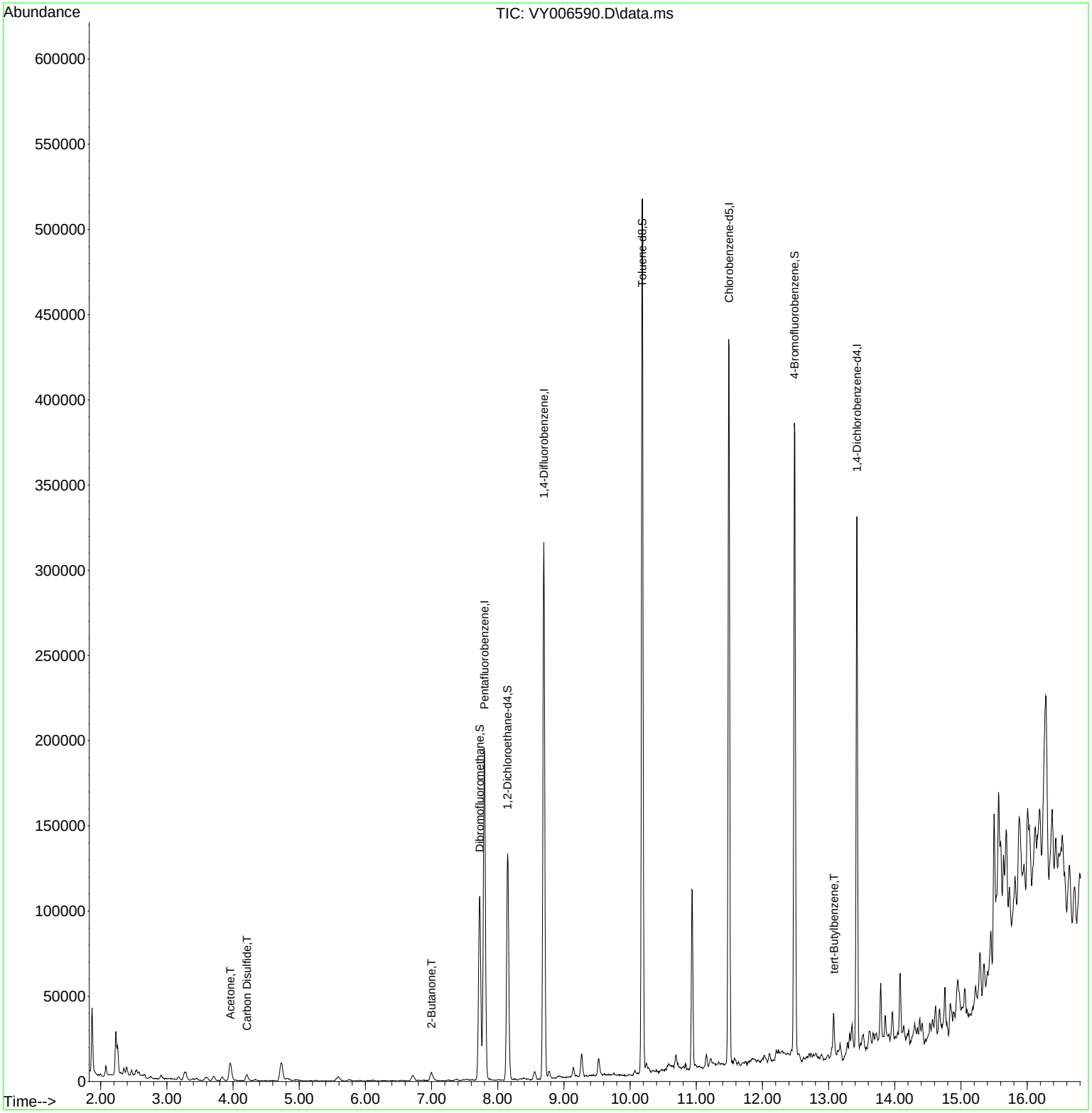
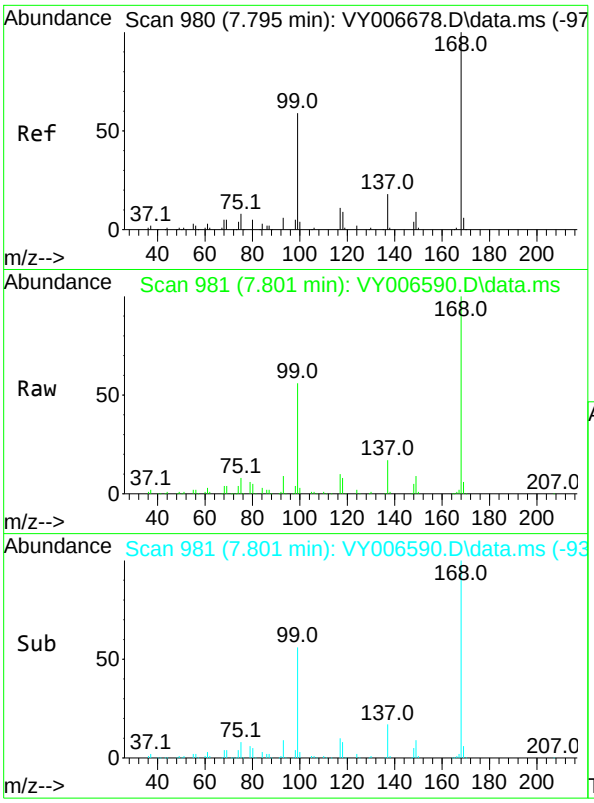


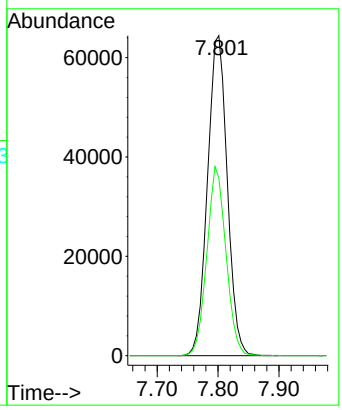


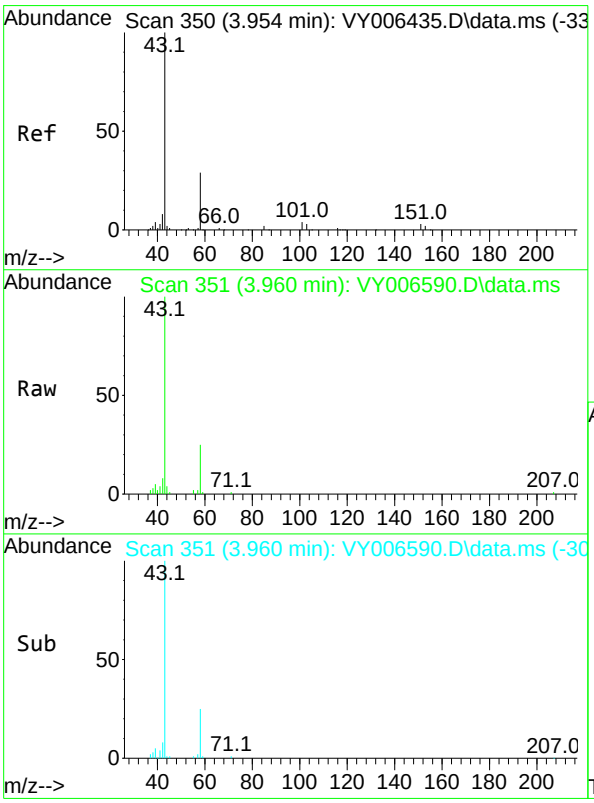
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY006590.D
Acq: 02 Nov 2021 20:34

Instrument :
MSVOA_Y
ClientSampleId :
FDR-BH-3-20211029-5-5.5

Tgt Ion:168 Resp: 145110

Ion	Ratio	Lower	Upper
168	100		
99	55.5	44.8	67.2

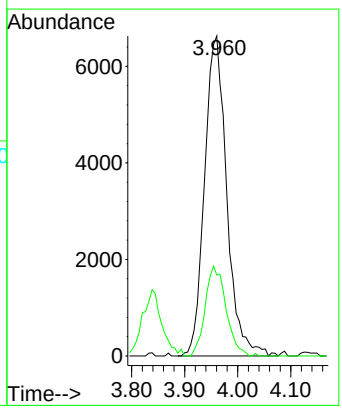


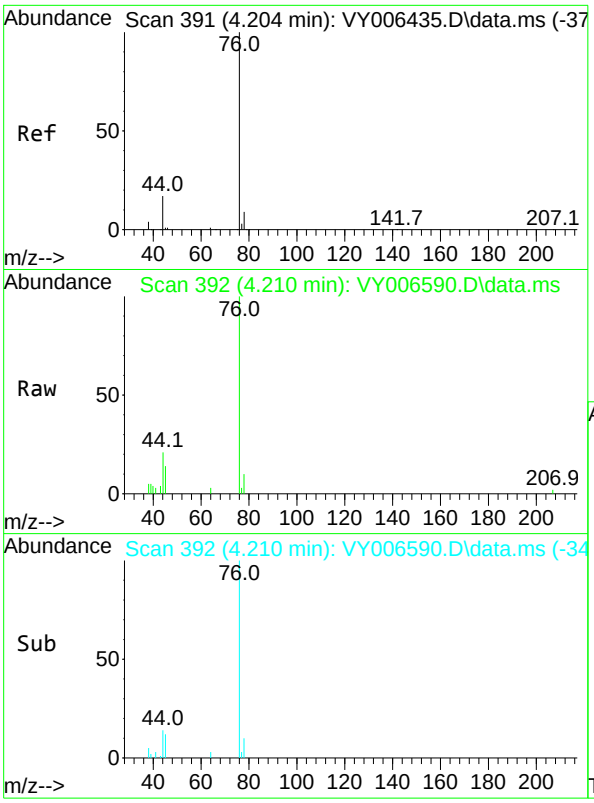


#16
Acetone
Concen: 37.526 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY006590.D
Acq: 02 Nov 2021 20:34

Tgt Ion: 43 Resp: 19295

Ion	Ratio	Lower	Upper
43	100		
58	25.3	22.9	34.3



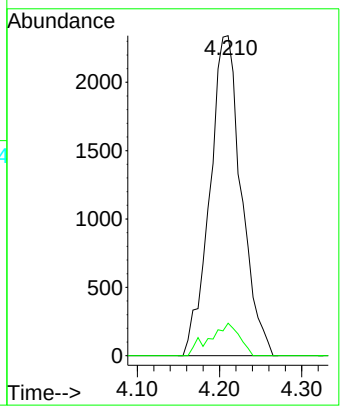


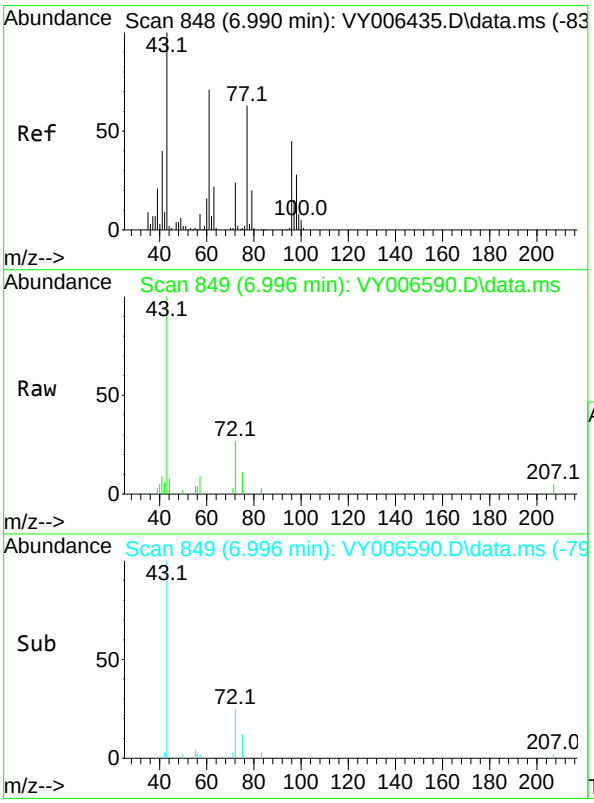
#17
Carbon Disulfide
Concen: 1.450 ug/l
RT: 4.210 min Scan# 3
Delta R.T. 0.006 min
Lab File: VY006590.D
Acq: 02 Nov 2021 20:34

Instrument :
MSVOA_Y
ClientSampleId :
FDR-BH-3-20211029-5-5.5

Tgt Ion: 76 Resp: 6232

Ion	Ratio	Lower	Upper
76	100		
78	10.2	7.1	10.7

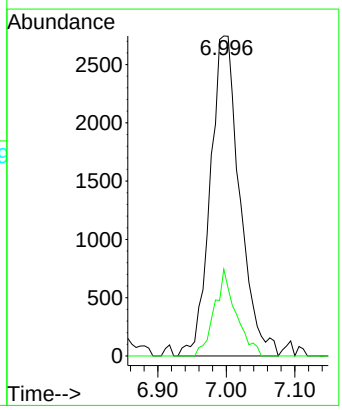


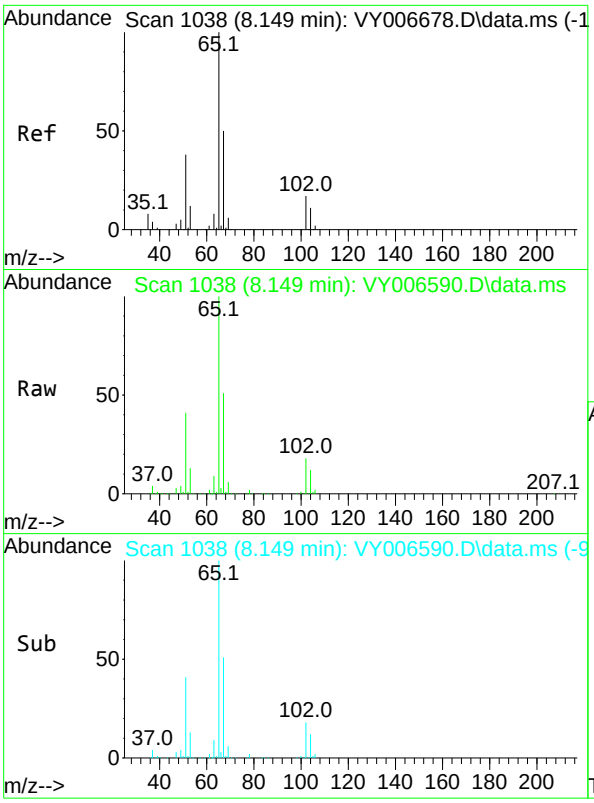


#25
2-Butanone
Concen: 12.146 ug/l
RT: 6.996 min Scan# 849
Delta R.T. 0.006 min
Lab File: VY006590.D
Acq: 02 Nov 2021 20:34

Tgt Ion: 43 Resp: 8182

Ion	Ratio	Lower	Upper
43	100		
72	27.1	18.9	28.3



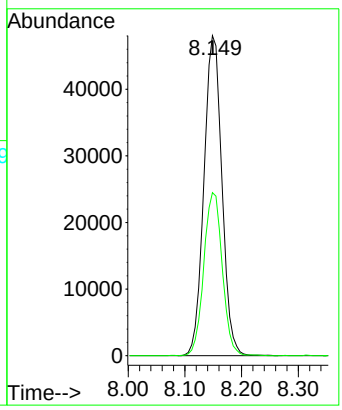


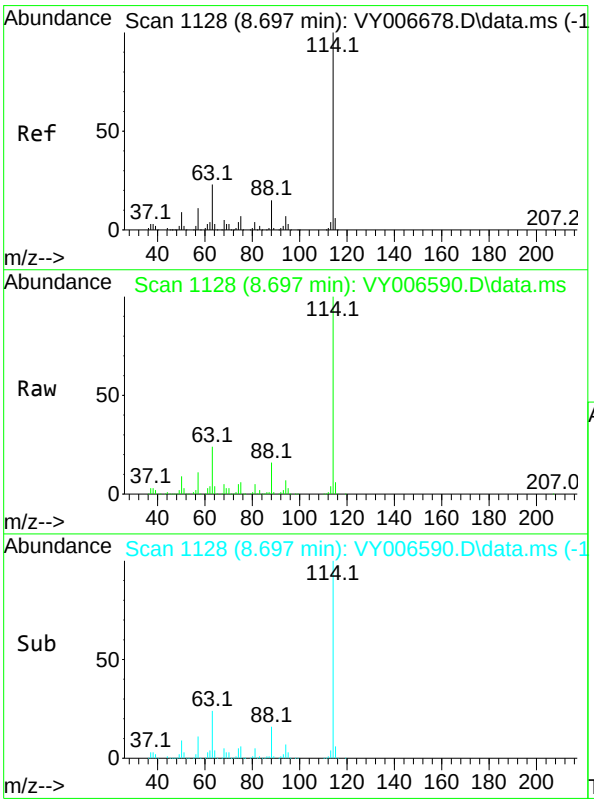
#33
1,2-Dichloroethane-d4
Concen: 59.321 ug/l
RT: 8.149 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY006590.D
Acq: 02 Nov 2021 20:34

Instrument :
MSVOA_Y
ClientSampleId :
FDR-BH-3-20211029-5-5.5

Tgt Ion: 65 Resp: 105928

Ion	Ratio	Lower	Upper
65	100		
67	52.4	0.0	98.2

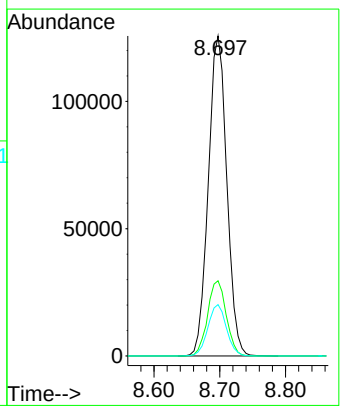


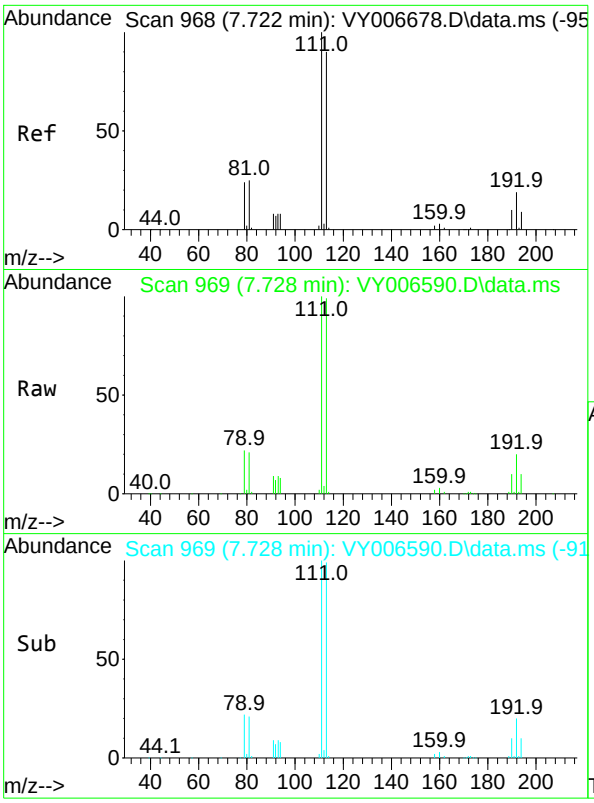


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY006590.D
Acq: 02 Nov 2021 20:34

Tgt Ion:114 Resp: 245889

Ion	Ratio	Lower	Upper
114	100		
63	23.5	0.0	45.0
88	16.1	0.0	30.6



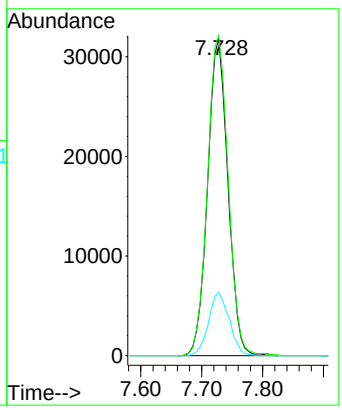


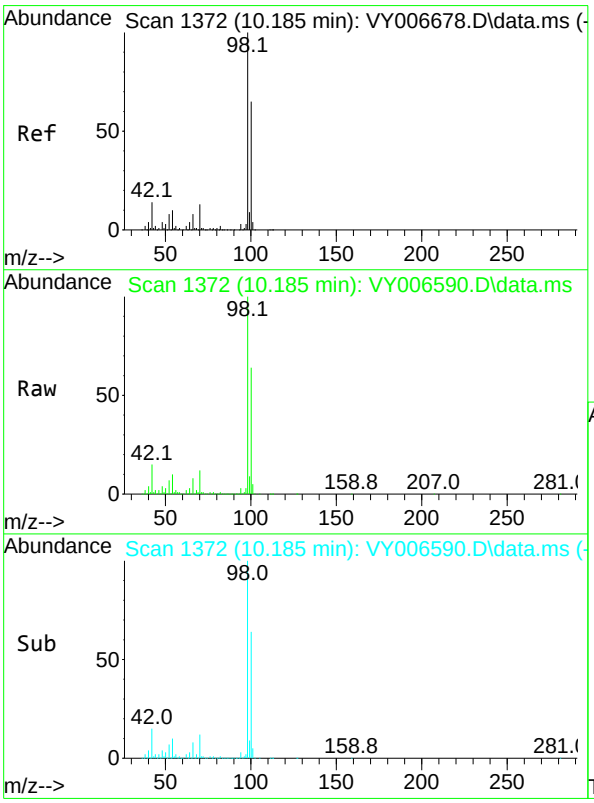
#35
Dibromofluoromethane
Concen: 53.859 ug/l
RT: 7.728 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY006590.D
Acq: 02 Nov 2021 20:34

Instrument :
MSVOA_Y
ClientSampleId :
FDR-BH-3-20211029-5-5.5

Tgt Ion:113 Resp: 73815

Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.3	123.5
192	20.4	17.4	26.2

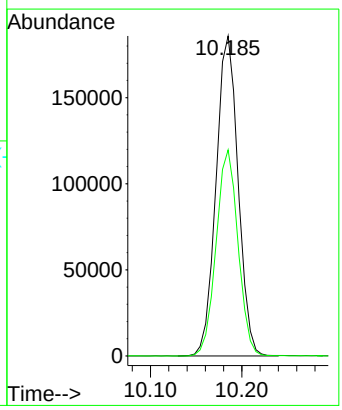


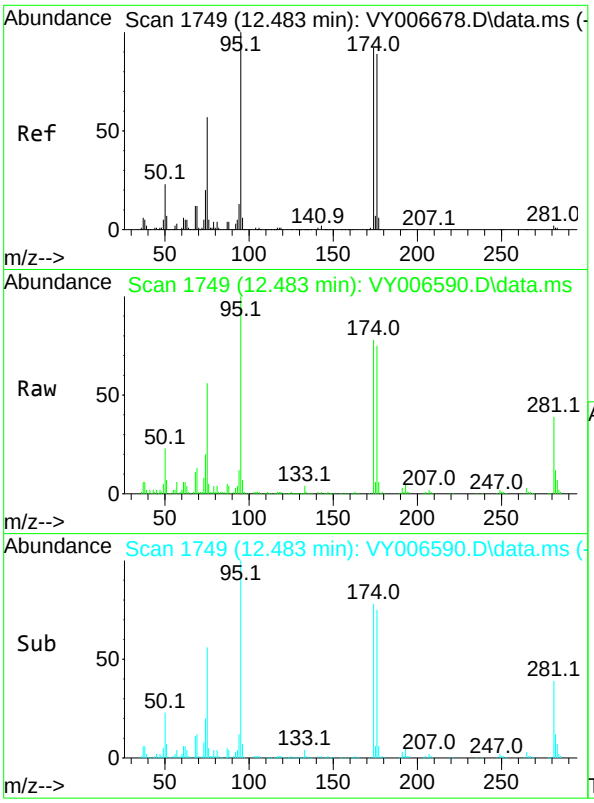


#50
Toluene-d8
Concen: 53.685 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006590.D
Acq: 02 Nov 2021 20:34

Tgt Ion: 98 Resp: 311902

Ion	Ratio	Lower	Upper
98	100		
100	63.9	50.9	76.3



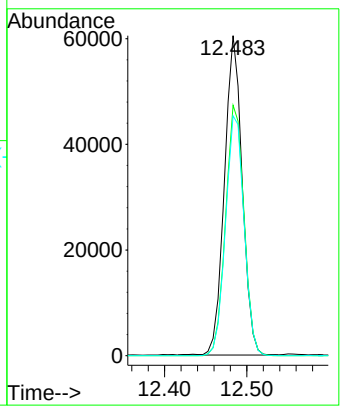


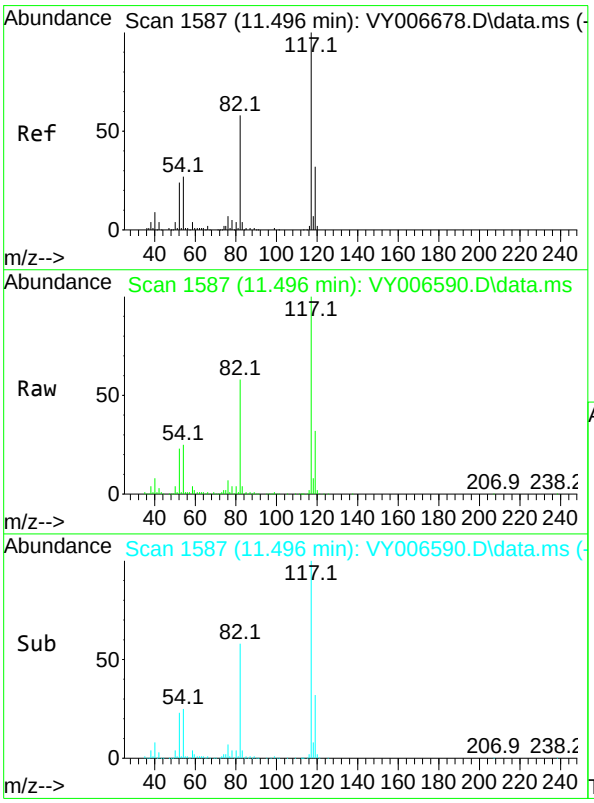
#62
4-Bromofluorobenzene
Concen: 46.412 ug/l
RT: 12.483 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY006590.D
Acq: 02 Nov 2021 20:34

Instrument :
MSVOA_Y
ClientSampleId :
FDR-BH-3-20211029-5-5.5

Tgt Ion: 95 Resp: 90833

Ion	Ratio	Lower	Upper
95	100		
174	81.0	0.0	177.0
176	78.2	0.0	169.4

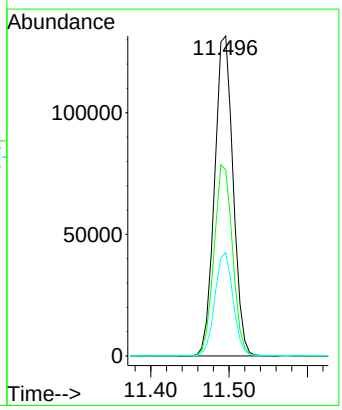


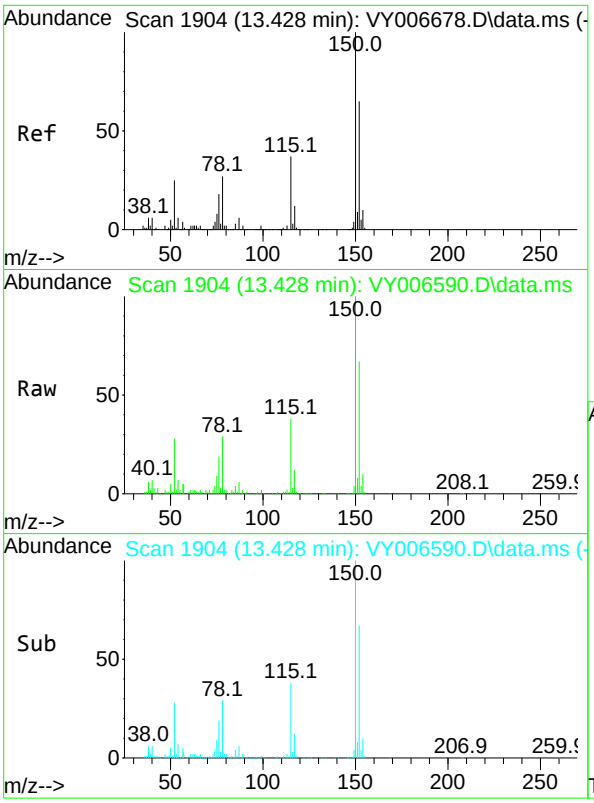


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY006590.D
Acq: 02 Nov 2021 20:34

Tgt Ion:117 Resp: 216157

Ion	Ratio	Lower	Upper
117	100		
82	58.2	45.7	68.5
119	32.2	25.5	38.3



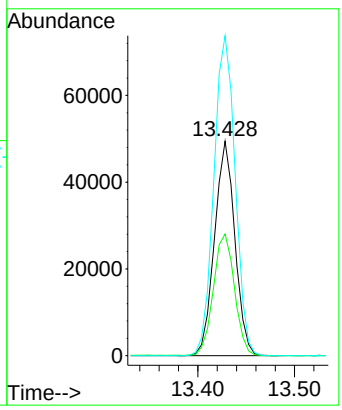


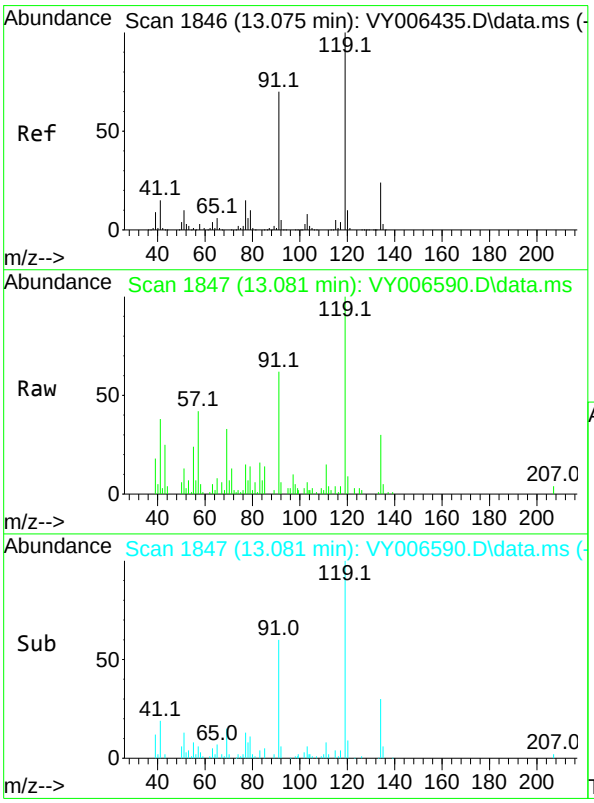
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY006590.D
Acq: 02 Nov 2021 20:34

Instrument :
MSVOA_Y
ClientSampleId :
FDR-BH-3-20211029-5-5.5

Tgt Ion:152 Resp: 72320

Ion	Ratio	Lower	Upper
152	100		
115	58.8	28.5	85.5
150	155.8	0.0	348.2





#83
tert-Butylbenzene
Concen: 2.435 ug/l
RT: 13.081 min Scan# 1847
Delta R.T. 0.006 min
Lab File: VY006590.D
Acq: 02 Nov 2021 20:34

Tgt Ion:119 Resp: 8865

Ion	Ratio	Lower	Upper
119	100		
91	74.3	34.8	104.5
134	28.3	13.0	38.9