Quantitation Report (LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040221\
Data File : VU042904.D
Acq On : 02 Apr 2021 18:32
Operator : SY/MD
Sample : M1903-05 10X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
30809

Quant Time: Apr 03 00:14:48 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U032421W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 25 05:42:00 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Pentafluorobenzene	5.385	168	115089	50.00 ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	181701	50.00 ug/l	0.00
63) Chlorobenzene-d5	9.423	117	176535	50.00 ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	90234	50.00 ug/l	0.00
System Monitoring Compounds					
33) 1,2-Dichloroethane-d4	5.713	65	91196	49.71 ug/l	0.00
Spiked Amount 50.000			Recovery = 99.42%		
35) Dibromofluoromethane	5.298	113	64450	47.53 ug/l	0.00
Spiked Amount 50.000			Recovery = 95.06%		
50) Toluene-d8	7.906	98	229932	48.20 ug/l	0.00
Spiked Amount 50.000			Recovery = 96.40%		
62) 4-Bromofluorobenzene	10.639	95	85446	46.09 ug/l	0.00
Spiked Amount 50.000			Recovery = 92.18%		
Target Compounds					Qvalue
16) Acetone	2.636	43	36679	27.27 ug/l	91
25) 2-Butanone	4.723	43	10235	6.85 ug/l	96
59) 2-Hexanone	8.700	43	2836	1.21 ug/l	96
95) Naphthalene	14.098	128	2448	2.95 ug/l #	91

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

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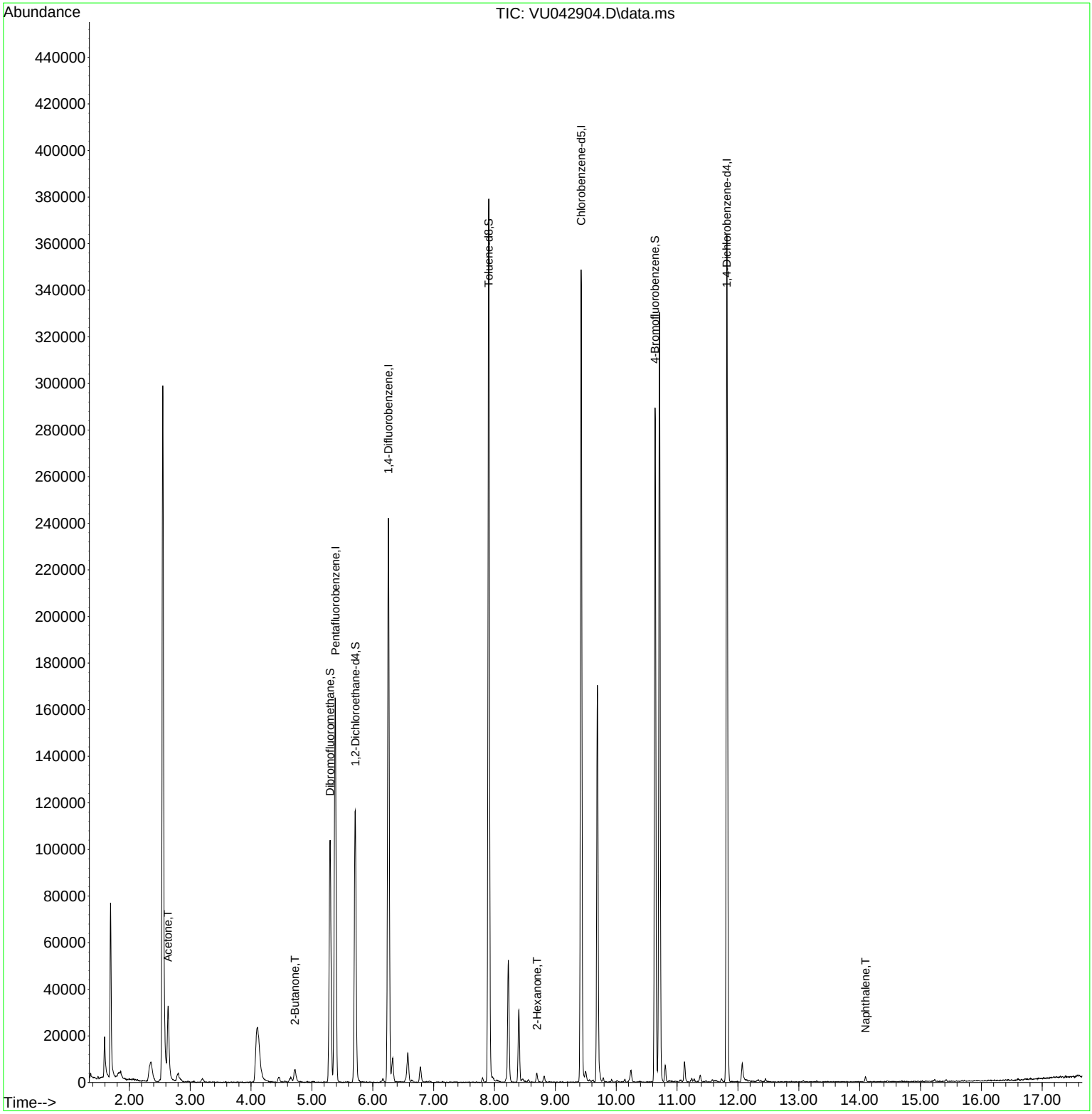
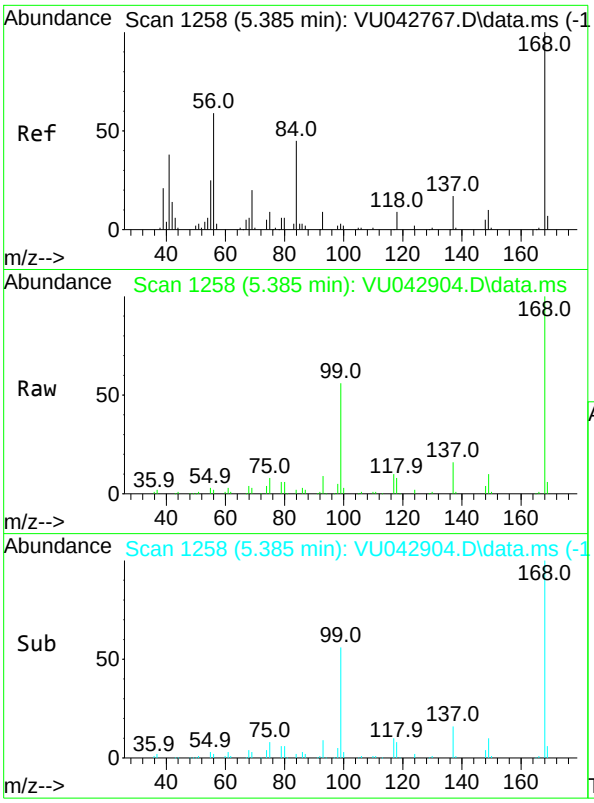
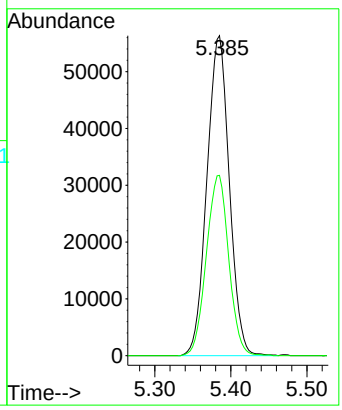




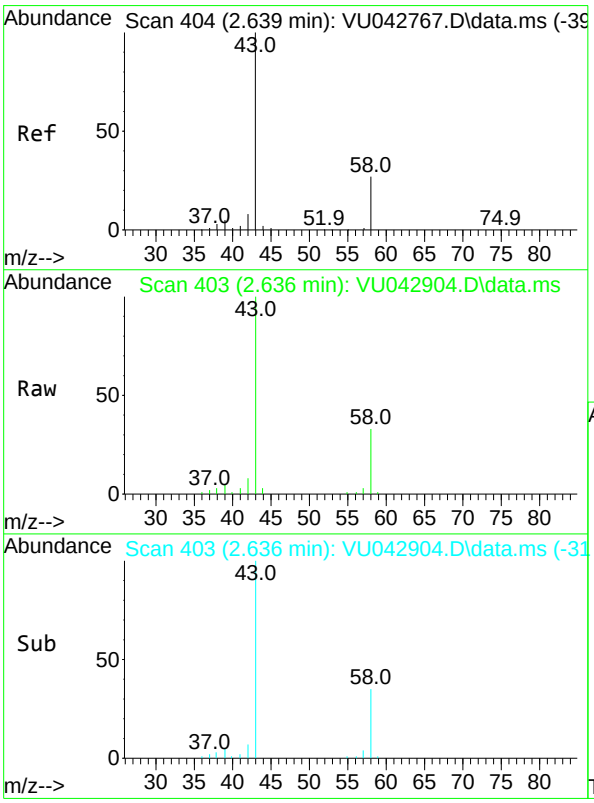
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.385 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VU042904.D
Acq: 02 Apr 2021 18:32

Tgt Ion:168 Resp: 115089

Ion	Ratio	Lower	Upper
168	100		
99	56.4	46.4	69.6



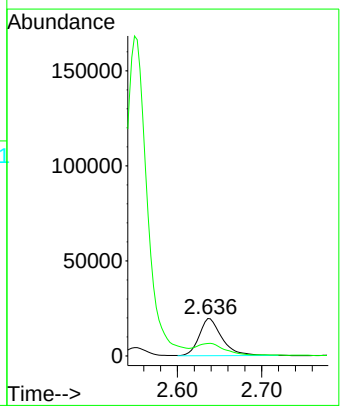
Instrument :
MSVOA_U
ClientSampleId :
30809

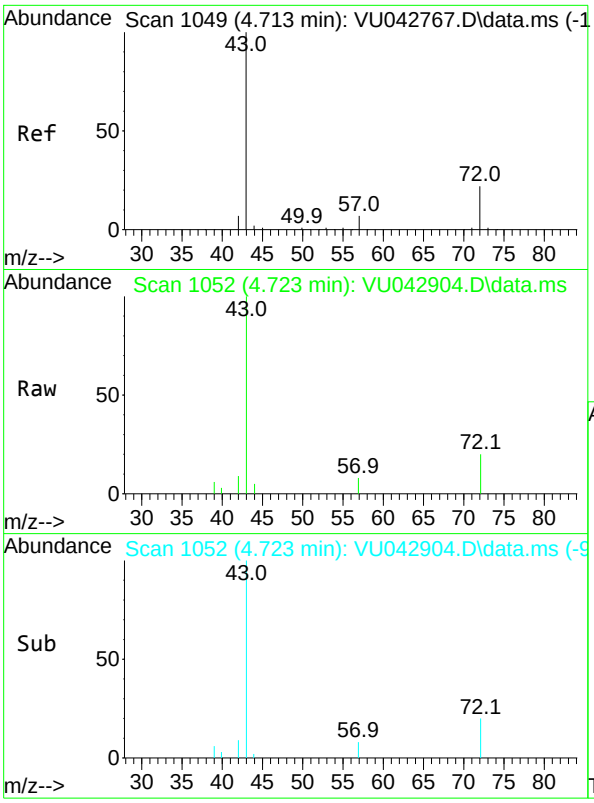


#16
Acetone
Concen: 27.27 ug/l
RT: 2.636 min Scan# 403
Delta R.T. -0.003 min
Lab File: VU042904.D
Acq: 02 Apr 2021 18:32

Tgt Ion: 43 Resp: 36679

Ion	Ratio	Lower	Upper
43	100		
58	31.4	21.6	32.4

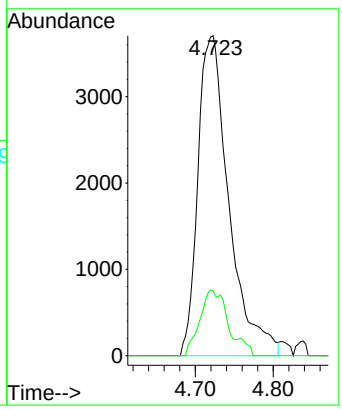




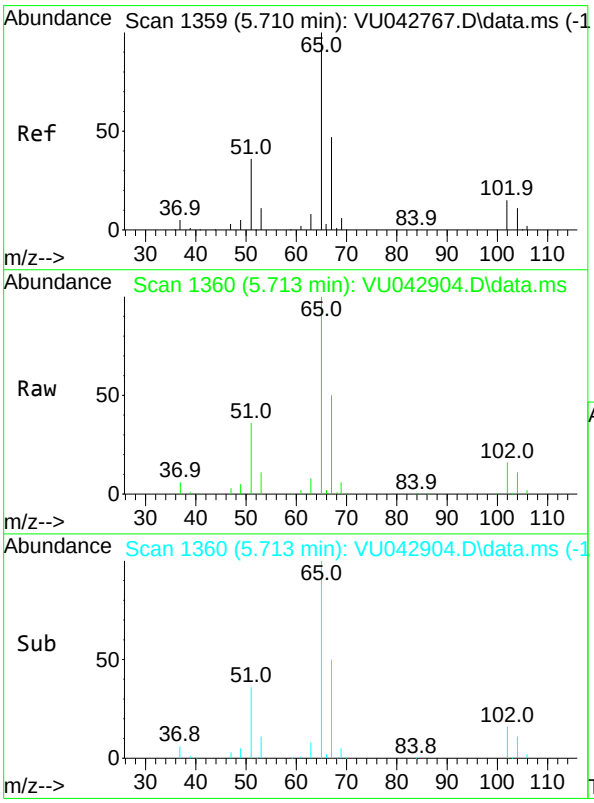
#25
2-Butanone
Concen: 6.85 ug/l
RT: 4.723 min Scan# 1052
Delta R.T. 0.010 min
Lab File: VU042904.D
Acq: 02 Apr 2021 18:32

Tgt Ion: 43 Resp: 10235

Ion	Ratio	Lower	Upper
43	100		
72	20.3	17.7	26.5



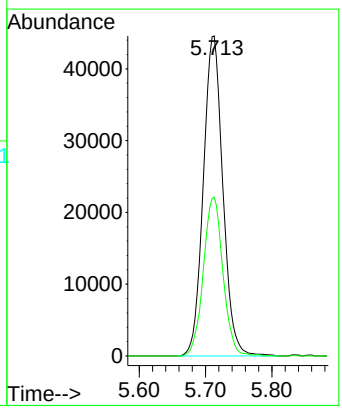
Instrument :
MSVOA_U
ClientSampleId :
30809

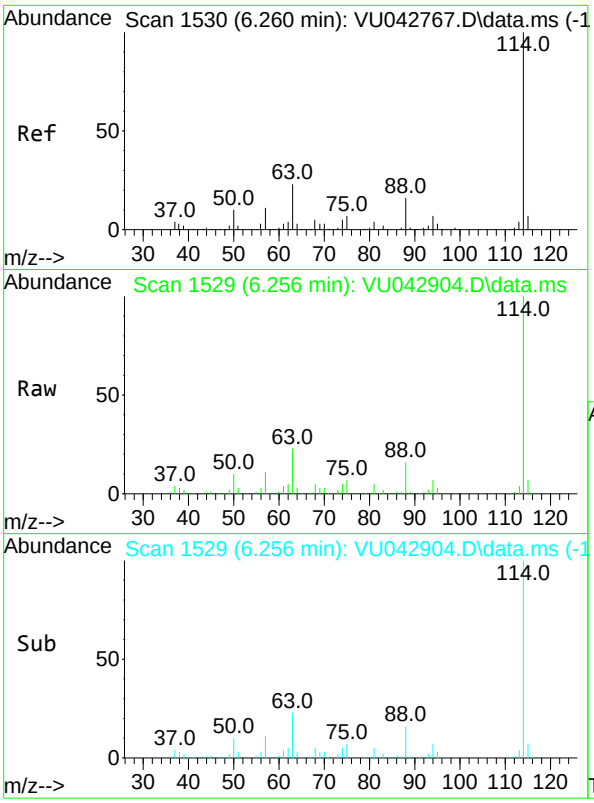


#33
1,2-Dichloroethane-d4
Concen: 49.71 ug/l
RT: 5.713 min Scan# 1360
Delta R.T. 0.003 min
Lab File: VU042904.D
Acq: 02 Apr 2021 18:32

Tgt Ion: 65 Resp: 91196

Ion	Ratio	Lower	Upper
65	100		
67	49.6	0.0	98.8

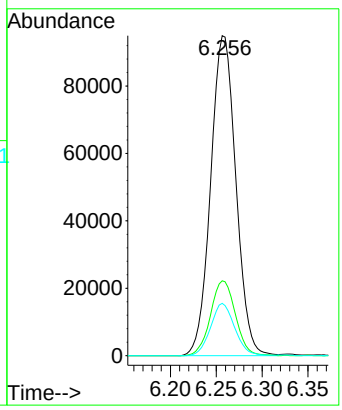




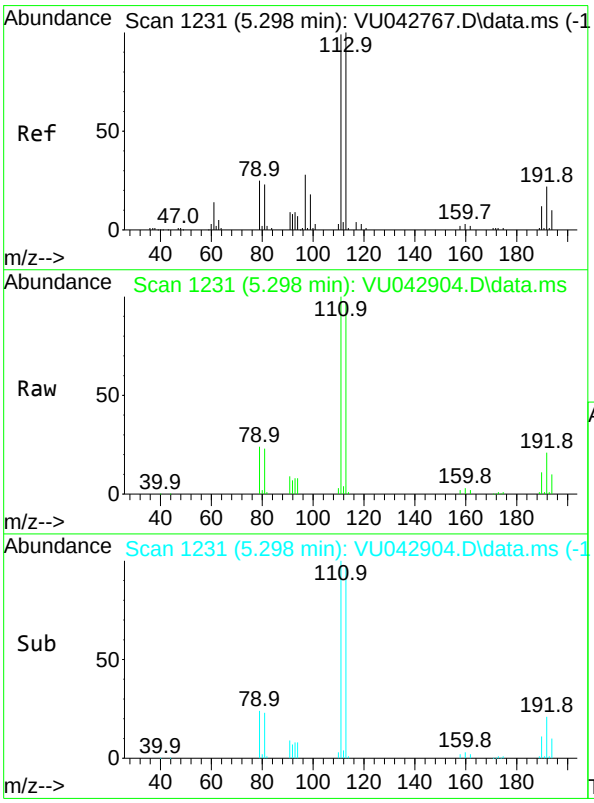
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.256 min Scan# 1529
Delta R.T. -0.004 min
Lab File: VU042904.D
Acq: 02 Apr 2021 18:32

Tgt Ion:114 Resp: 181701

Ion	Ratio	Lower	Upper
114	100		
63	23.4	0.0	46.8
88	16.3	0.0	32.2



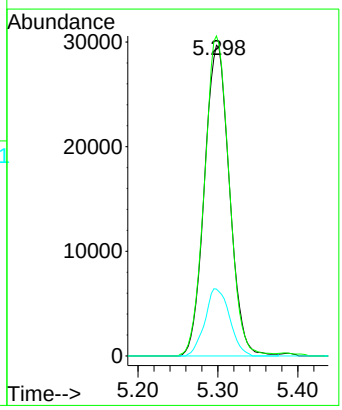
Instrument :
MSVOA_U
ClientSampleId :
30809

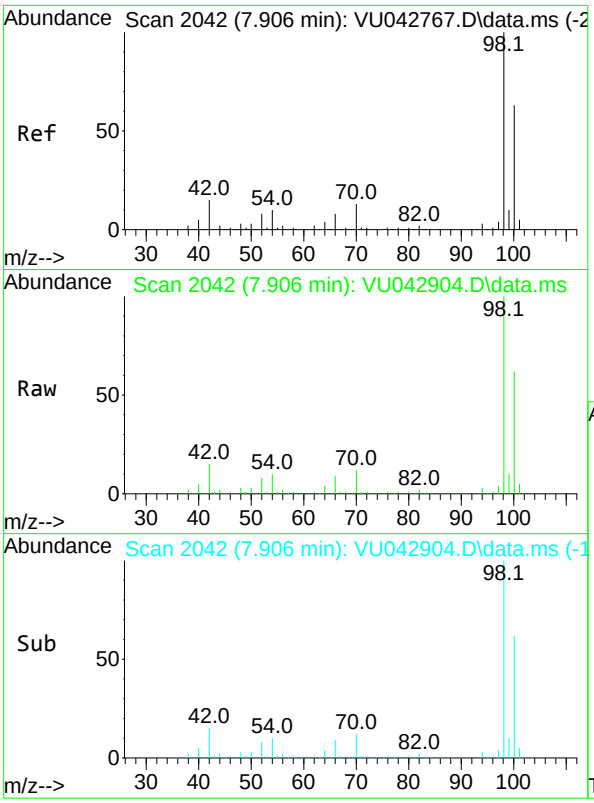


#35
Dibromofluoromethane
Concen: 47.53 ug/l
RT: 5.298 min Scan# 1231
Delta R.T. -0.000 min
Lab File: VU042904.D
Acq: 02 Apr 2021 18:32

Tgt Ion:113 Resp: 64450

Ion	Ratio	Lower	Upper
113	100		
111	101.6	82.1	123.1
192	21.4	17.6	26.4



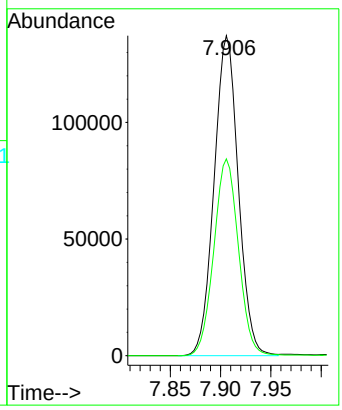


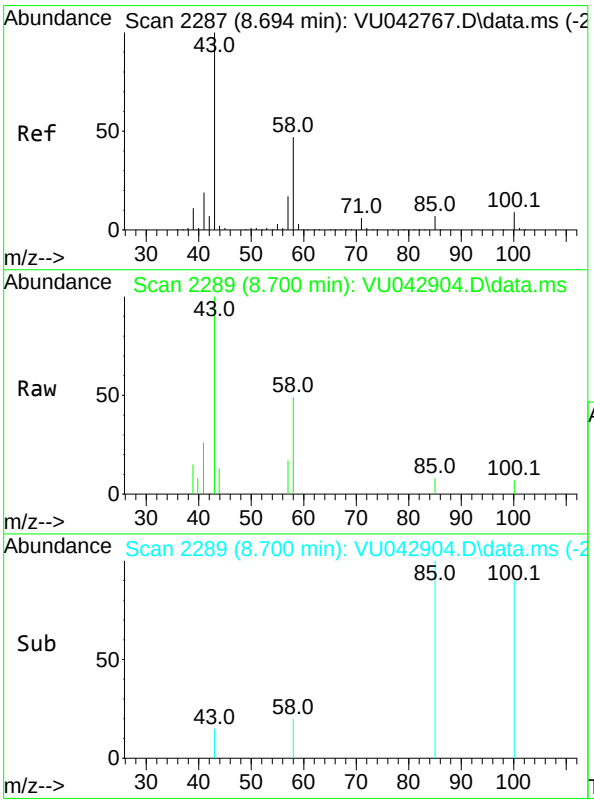
#50
Toluene-d8
Concen: 48.20 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. -0.000 min
Lab File: VU042904.D
Acq: 02 Apr 2021 18:32

Tgt Ion: 98 Resp: 229932

Ion	Ratio	Lower	Upper
98	100		
100	62.5	50.4	75.6

Instrument :
MSVOA_U
ClientSampleId :
30809

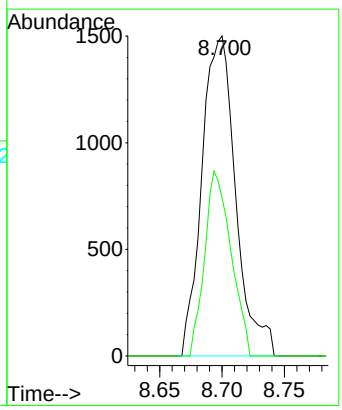


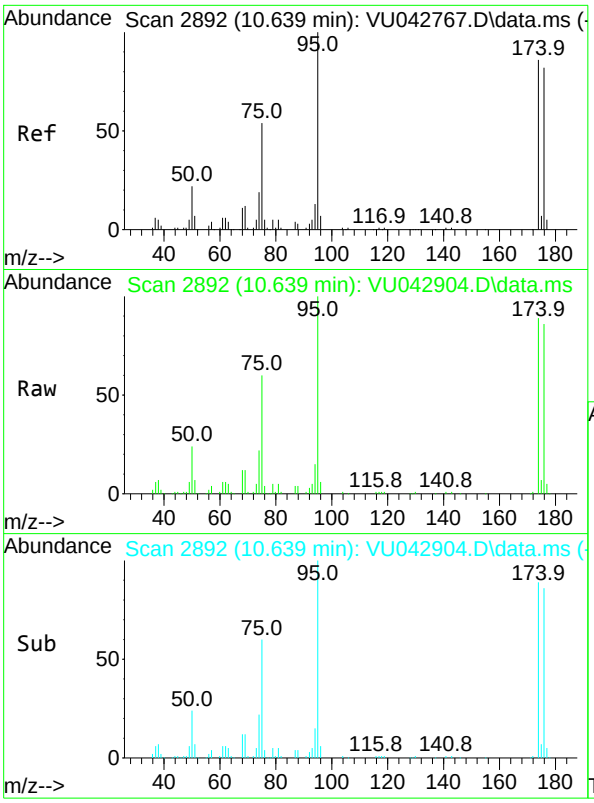


#59
2-Hexanone
Concen: 1.21 ug/l
RT: 8.700 min Scan# 2289
Delta R.T. 0.006 min
Lab File: VU042904.D
Acq: 02 Apr 2021 18:32

Tgt Ion: 43 Resp: 2836

Ion	Ratio	Lower	Upper
43	100		
58	45.0	23.8	71.2

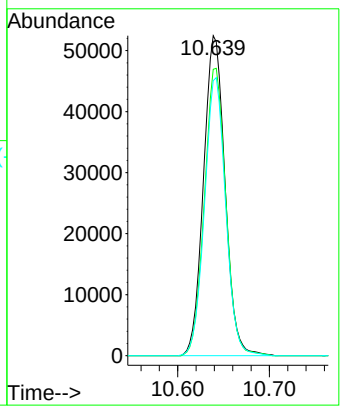




#62
4-Bromofluorobenzene
Concen: 46.09 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU042904.D
Acq: 02 Apr 2021 18:32

Tgt Ion: 95 Resp: 85446

Ion	Ratio	Lower	Upper
95	100		
174	89.5	0.0	175.2
176	85.4	0.0	167.4



Instrument :
MSVOA_U
ClientSampleId :
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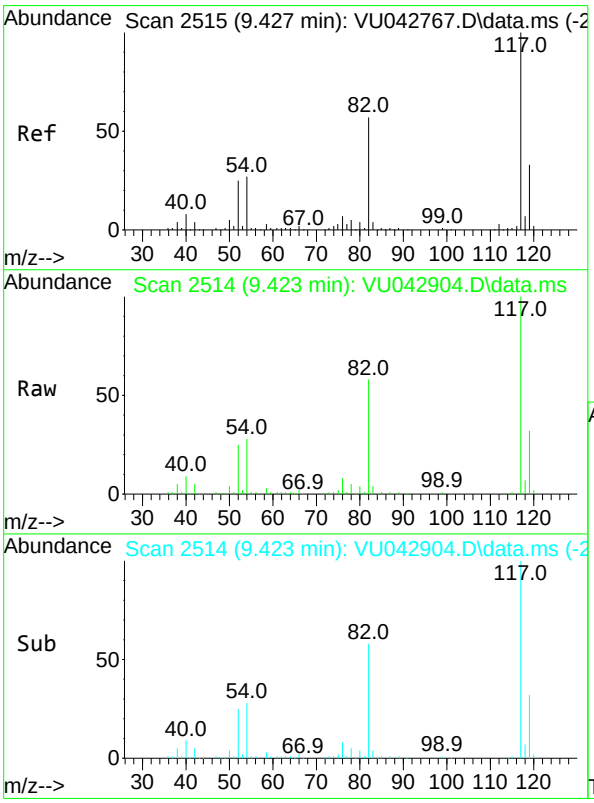
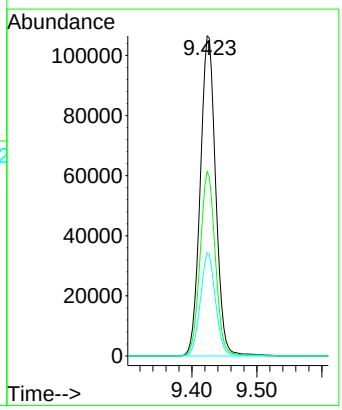
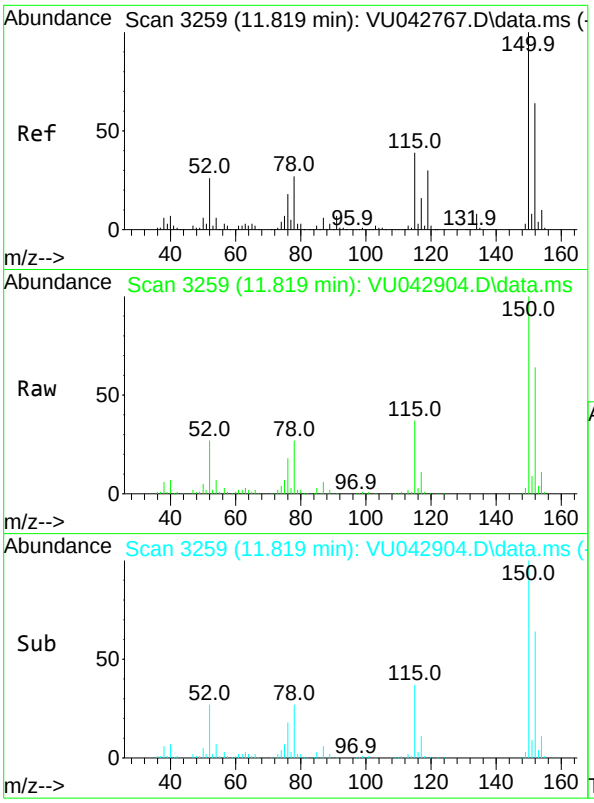


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. -0.003 min
Lab File: VU042904.D
Acq: 02 Apr 2021 18:32

Tgt Ion:117 Resp: 176535

Ion	Ratio	Lower	Upper
117	100		
82	57.6	45.5	68.3
119	32.2	26.2	39.4

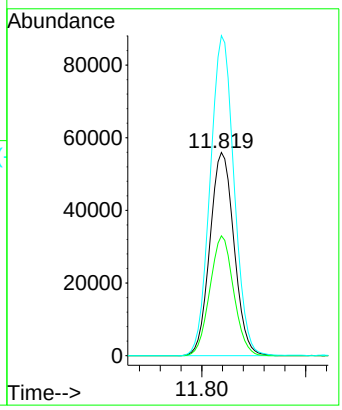




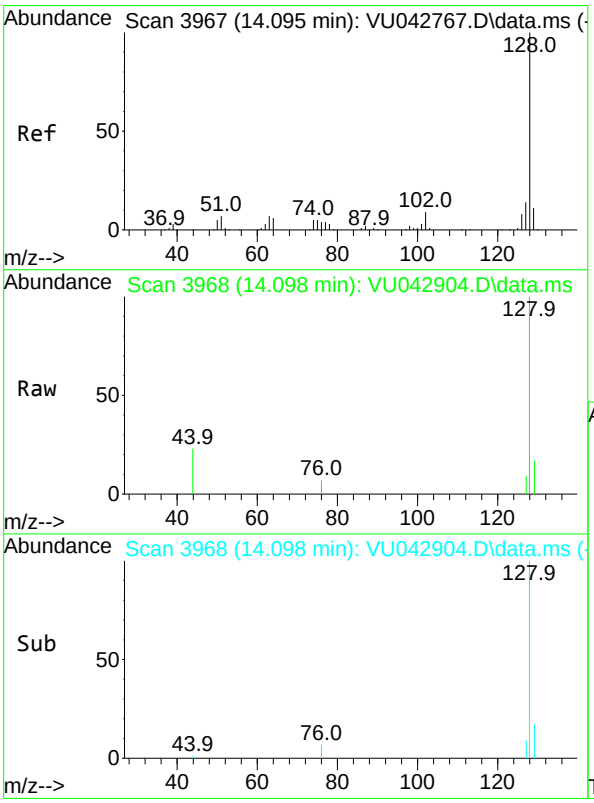
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.819 min Scan# 3259
Delta R.T. -0.000 min
Lab File: VU042904.D
Acq: 02 Apr 2021 18:32

Tgt Ion:152 Resp: 90234

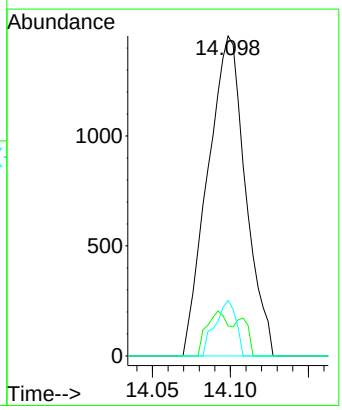
Ion	Ratio	Lower	Upper
152	100		
115	58.0	41.0	123.0
150	156.0	0.0	341.0



Instrument :
MSVOA_U
ClientSampleId :
30809



#95
Naphthalene
Concen: 2.95 ug/l
RT: 14.098 min Scan# 3968
Delta R.T. 0.003 min
Lab File: VU042904.D
Acq: 02 Apr 2021 18:32

Tgt Ion:128 Resp: 2448

Ion	Ratio	Lower	Upper
128	100		
127	8.6	10.9	16.3#
129	9.5	8.7	13.1