Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112921\
Data File : VX025384.D
Acq On : 29 Nov 2021 20:52
Operator : JC/MD
Sample : M4837-10 20X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
20930

Quant Time: Nov 30 04:05:39 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 17 15:36:16 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	125468	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	206187	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	183242	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	84682	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	69607	52.632	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 105.260%			
35) Dibromofluoromethane	5.391	113	63079	49.861	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.720%			
50) Toluene-d8	8.653	98	236491	49.719	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.440%			
62) 4-Bromofluorobenzene	11.085	95	82965	46.105	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 92.220%			
Target Compounds						Qvalue
16) Acetone	2.380	43	2127	2.894	ug/l	95
40) Benzene	6.037	78	1350	0.248	ug/l #	11
52) Toluene	8.726	92	1065	0.299	ug/l	98
70) Styrene	10.659	104	2125	0.499	ug/l	95
95) Naphthalene	13.780	128	3336	0.210	ug/l	98

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

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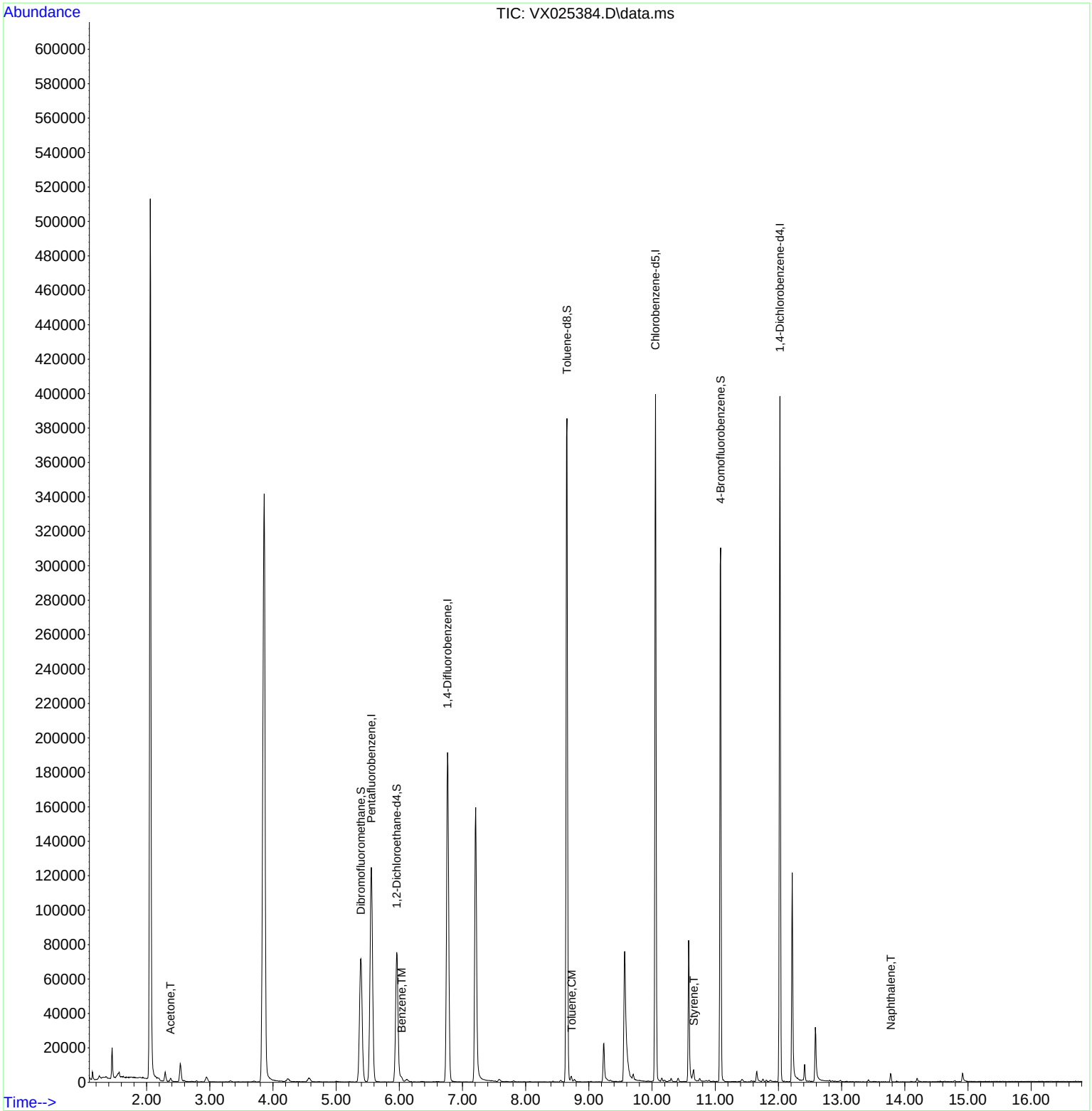
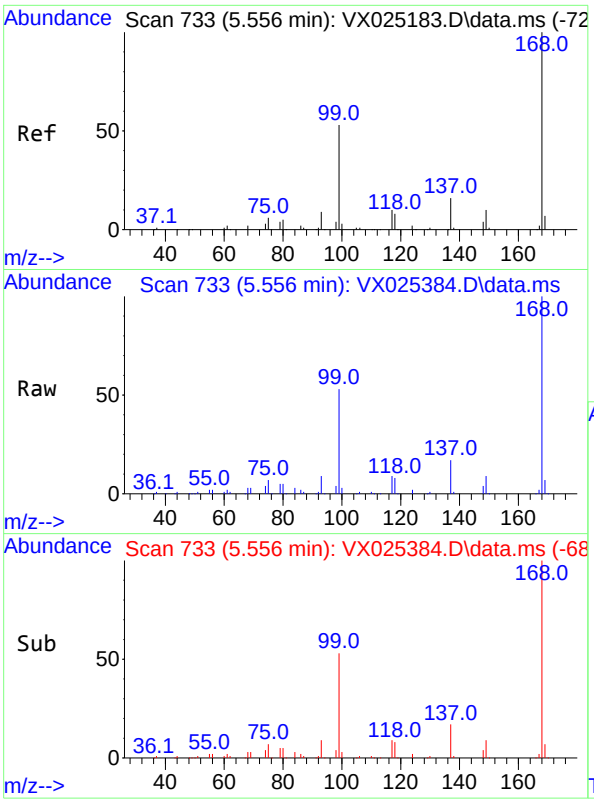


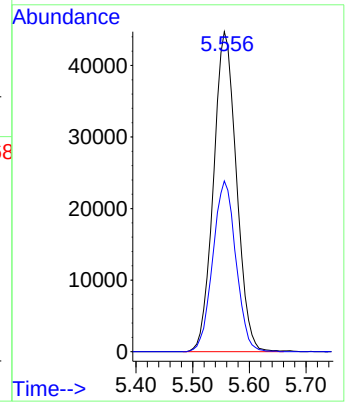


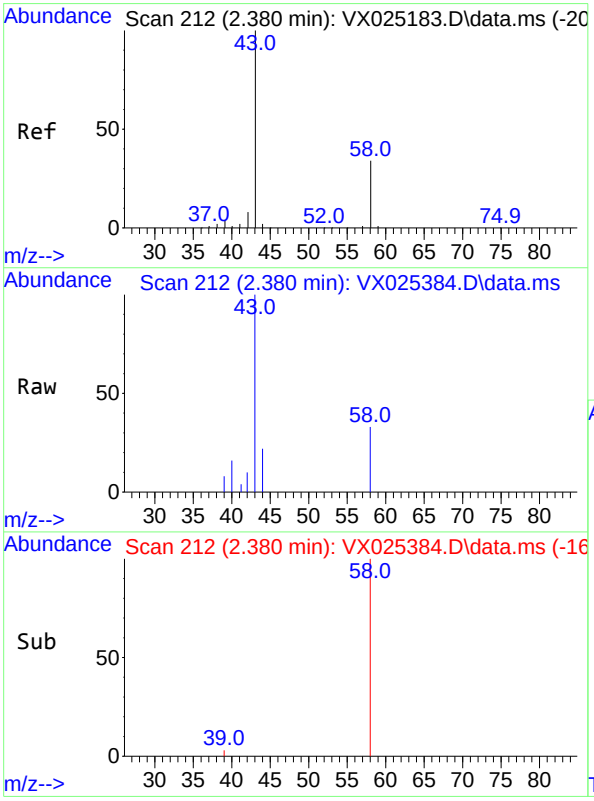
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX025384.D
Acq: 29 Nov 2021 20:52

Instrument :
MSVOA_X
ClientSampleId :
20930

Tgt Ion:168 Resp: 125468

Ion	Ratio	Lower	Upper
168	100		
99	53.4	46.4	69.6

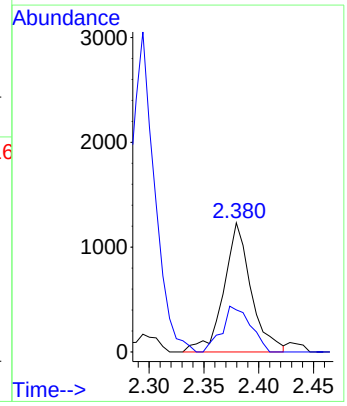


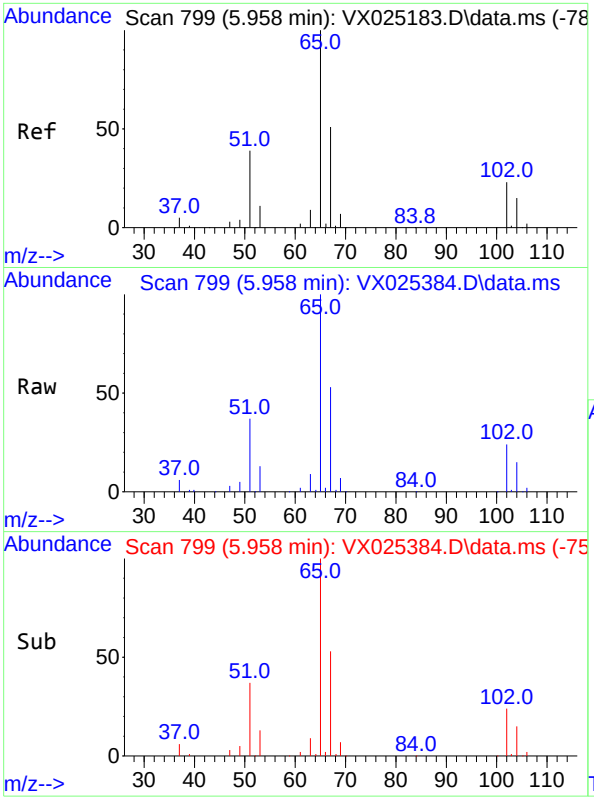


#16
Acetone
Concen: 2.894 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX025384.D
Acq: 29 Nov 2021 20:52

Tgt Ion: 43 Resp: 2127

Ion	Ratio	Lower	Upper
43	100		
58	32.6	24.0	36.0



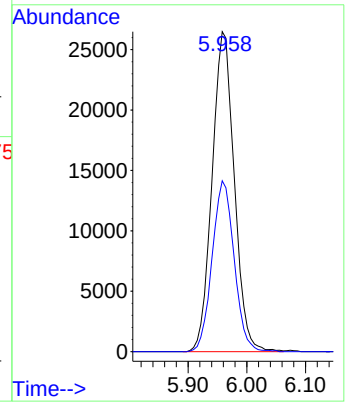


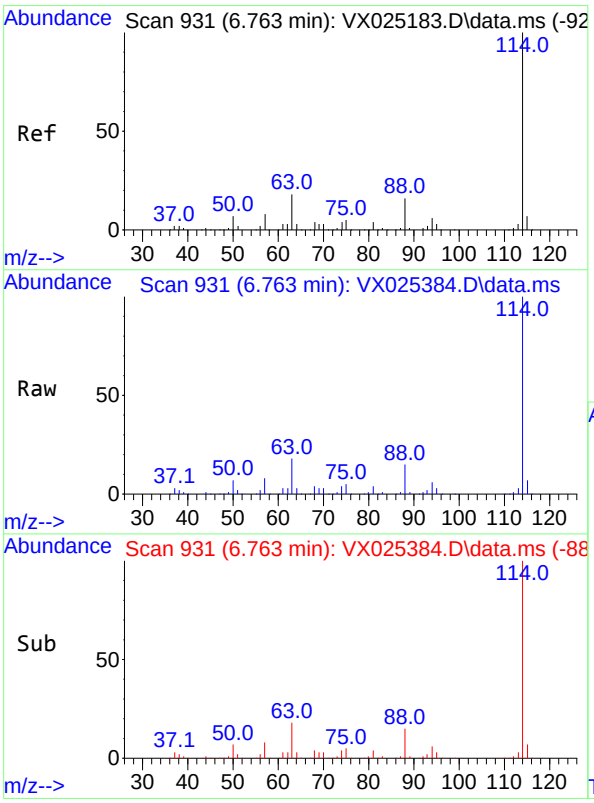
#33
1,2-Dichloroethane-d4
Concen: 52.632 ug/l
RT: 5.958 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX025384.D
Acq: 29 Nov 2021 20:52

Instrument :
MSVOA_X
ClientSampleId :
20930

Tgt Ion: 65 Resp: 69607

Ion	Ratio	Lower	Upper
65	100		
67	53.0	0.0	101.0

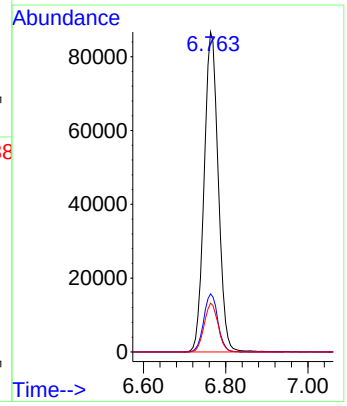


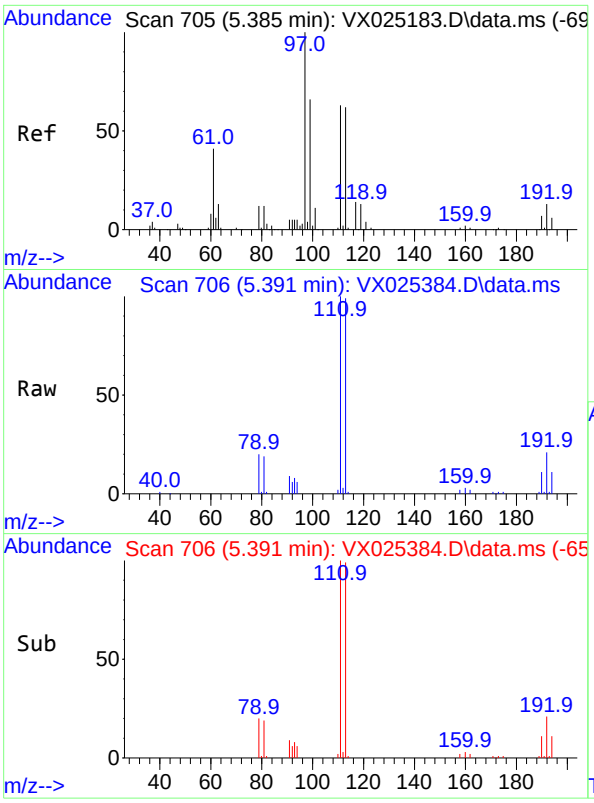


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX025384.D
Acq: 29 Nov 2021 20:52

Tgt Ion:114 Resp: 206187

Ion	Ratio	Lower	Upper
114	100		
63	18.1	0.0	41.0
88	15.3	0.0	34.8



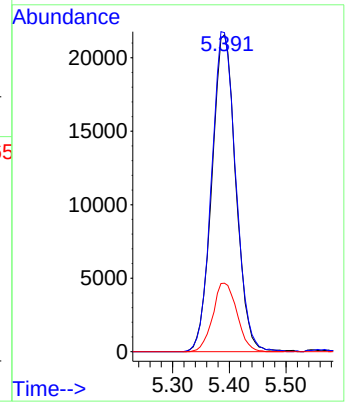


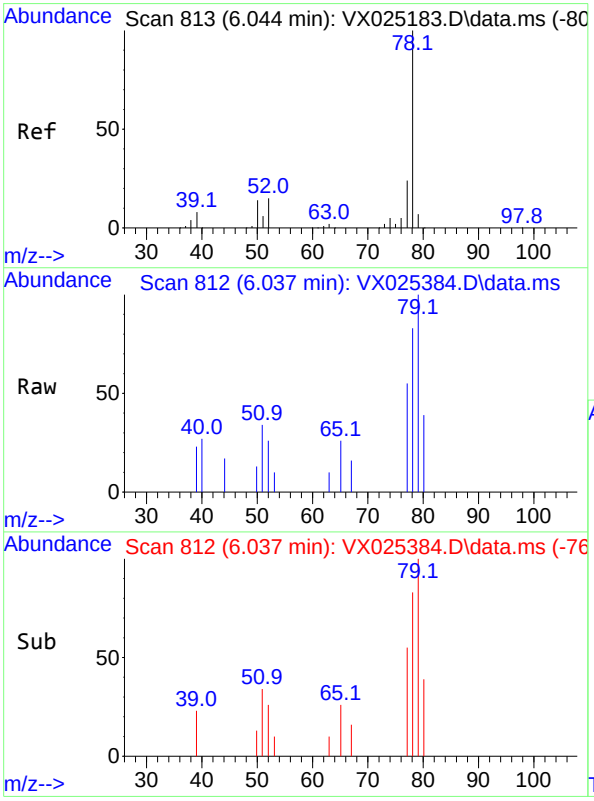
#35
Dibromofluoromethane
Concen: 49.861 ug/l
RT: 5.391 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX025384.D
Acq: 29 Nov 2021 20:52

Instrument :
MSVOA_X
ClientSampleId :
20930

Tgt Ion:113 Resp: 63079

Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.1	123.1
192	21.9	15.6	23.4

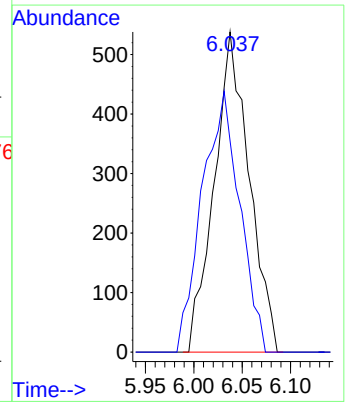


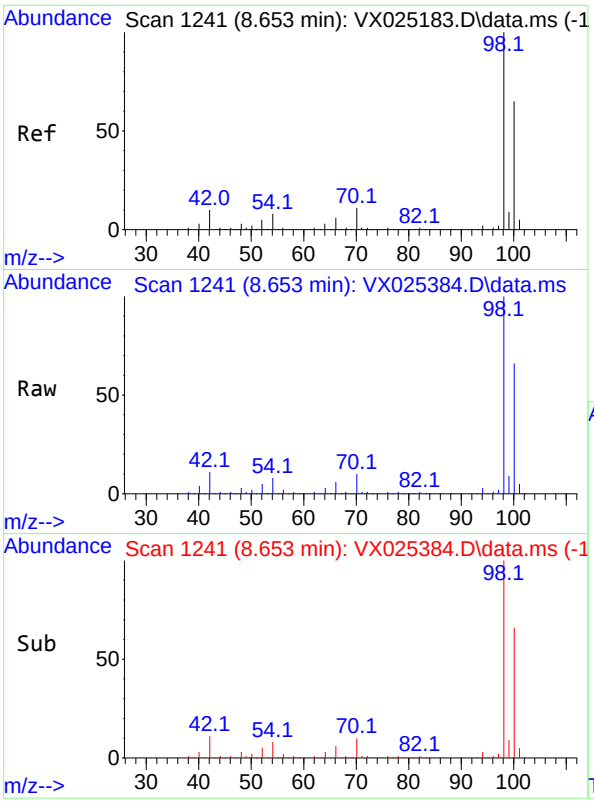


#40
Benzene
Concen: 0.248 ug/l
RT: 6.037 min Scan# 812
Delta R.T. -0.007 min
Lab File: VX025384.D
Acq: 29 Nov 2021 20:52

Tgt Ion: 78 Resp: 1350

Ion	Ratio	Lower	Upper
78	100		
77	66.0	18.3	27.5#



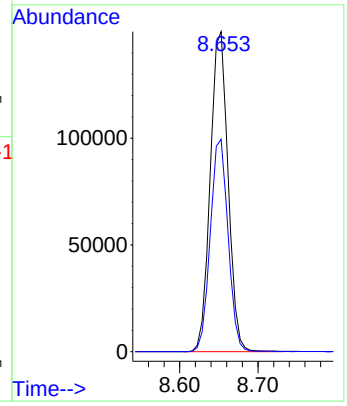


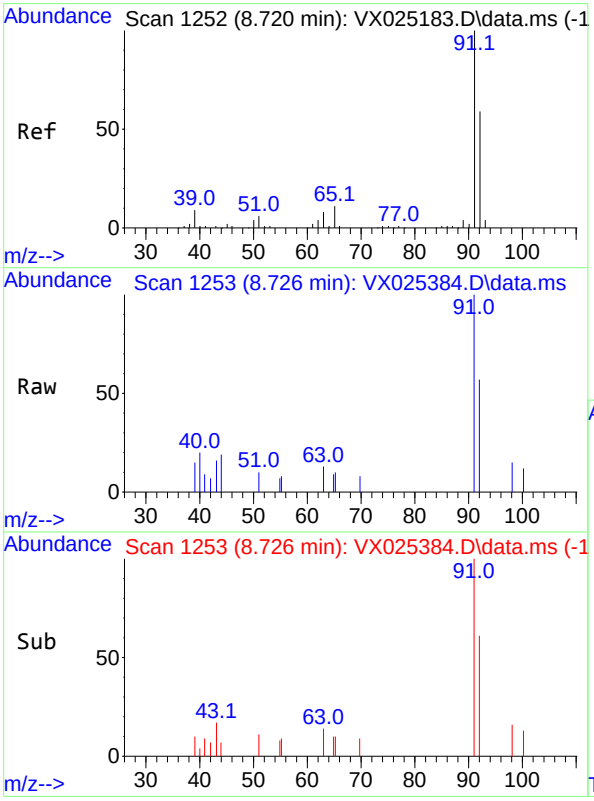
#50
Toluene-d8
Concen: 49.719 ug/l
RT: 8.653 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX025384.D
Acq: 29 Nov 2021 20:52

Instrument :
MSVOA_X
ClientSampleId :
20930

Tgt Ion: 98 Resp: 236491

Ion	Ratio	Lower	Upper
98	100		
100	66.4	51.4	77.0

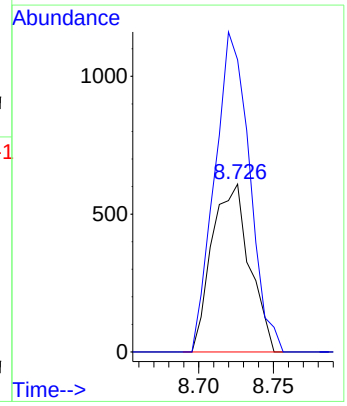


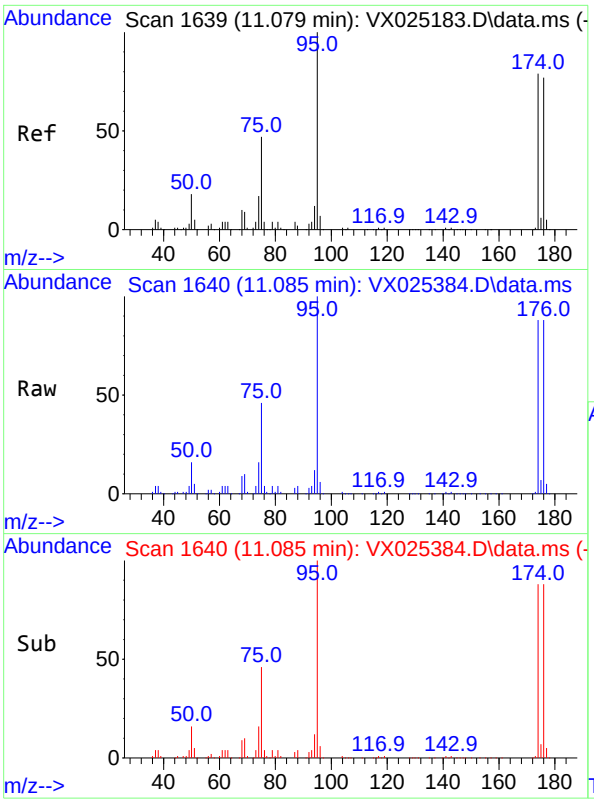


#52
Toluene
Concen: 0.299 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. 0.006 min
Lab File: VX025384.D
Acq: 29 Nov 2021 20:52

Tgt Ion: 92 Resp: 1065

Ion	Ratio	Lower	Upper
92	100		
91	176.6	138.6	208.0



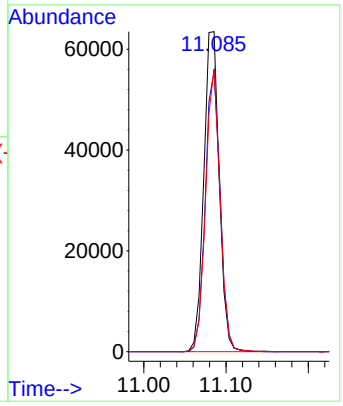


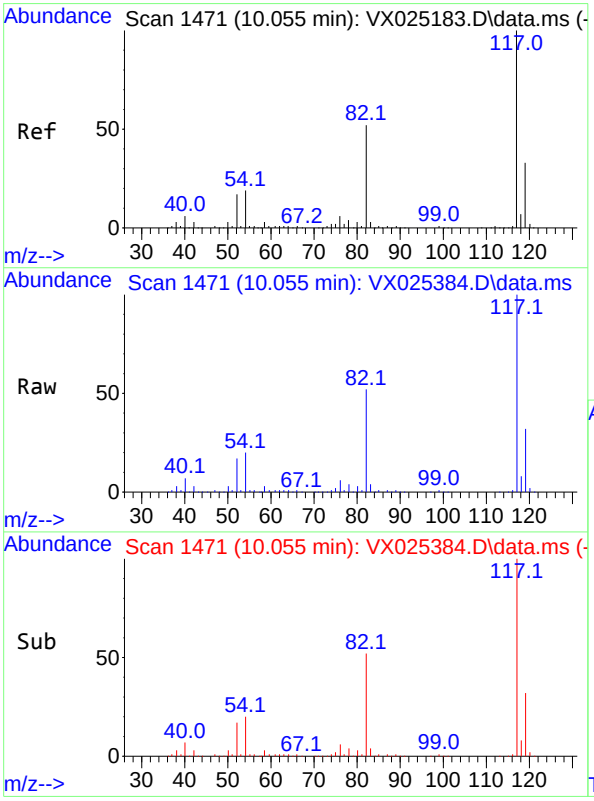
#62
4-Bromofluorobenzene
Concen: 46.105 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX025384.D
Acq: 29 Nov 2021 20:52

Instrument :
MSVOA_X
ClientSampleId :
20930

Tgt Ion: 95 Resp: 82965

Ion	Ratio	Lower	Upper
95	100		
174	84.6	0.0	158.0
176	82.7	0.0	153.6

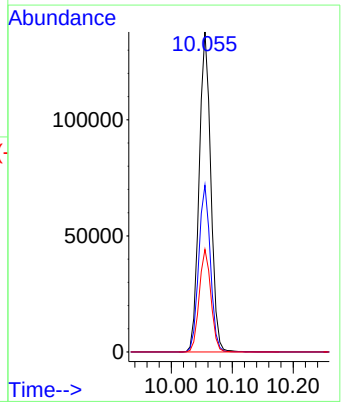


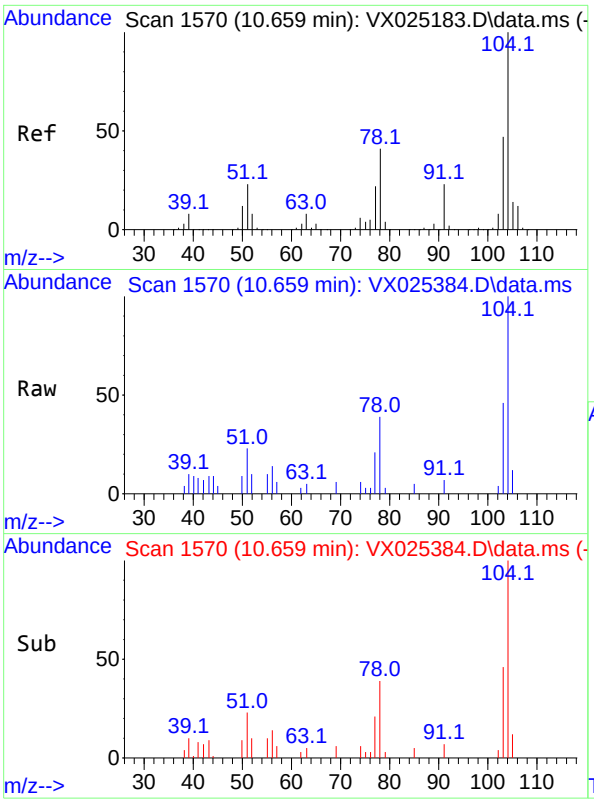


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX025384.D
Acq: 29 Nov 2021 20:52

Tgt Ion:117 Resp: 183242

Ion	Ratio	Lower	Upper
117	100		
82	52.1	44.6	67.0
119	32.1	24.8	37.2



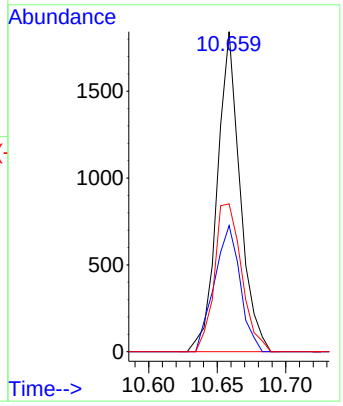


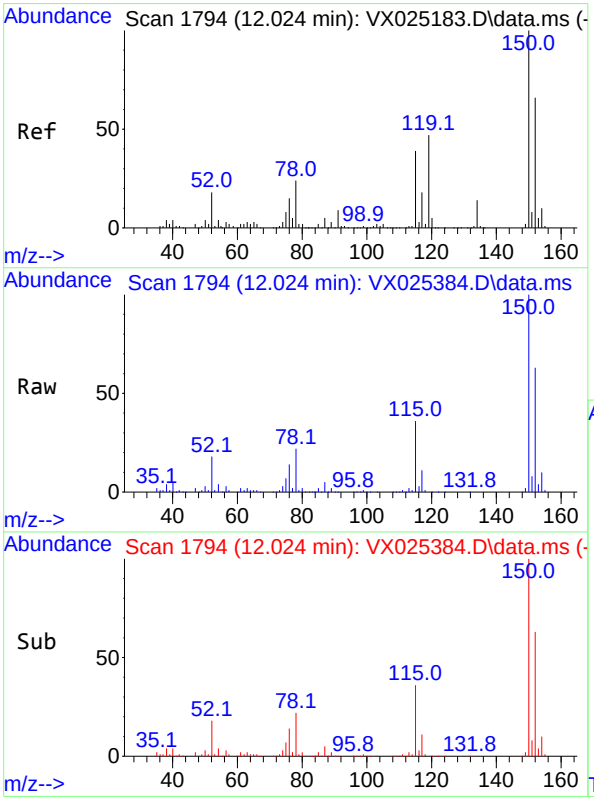
#70
Styrene
Concen: 0.499 ug/l
RT: 10.659 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX025384.D
Acq: 29 Nov 2021 20:52

Instrument :
MSVOA_X
ClientSampleId :
20930

Tgt Ion:104 Resp: 2125

Ion	Ratio	Lower	Upper
104	100		
78	44.7	41.3	61.9
103	55.2	43.5	65.3

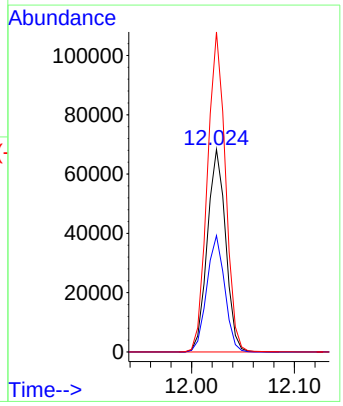


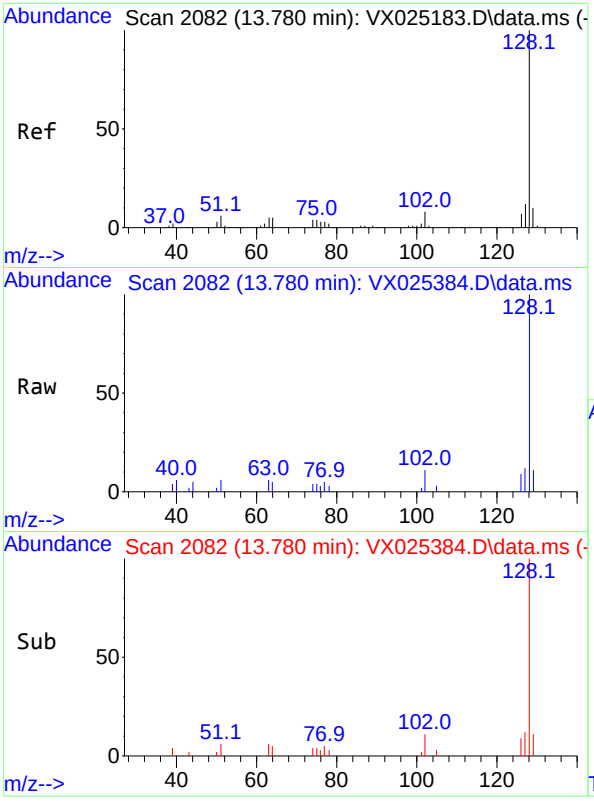


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX025384.D
Acq: 29 Nov 2021 20:52

Tgt Ion:152 Resp: 84682

Ion	Ratio	Lower	Upper
152	100		
115	56.3	43.3	129.8
150	155.5	0.0	351.2





#95
Naphthalene
Concen: 0.210 ug/l
RT: 13.780 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX025384.D
Acq: 29 Nov 2021 20:52

Instrument :
MSVOA_X
ClientSampleId :
20930

Tgt Ion:128 Resp: 3336

Ion	Ratio	Lower	Upper
128	100		
127	12.3	10.3	15.5
129	10.2	8.8	13.2