Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX110518\
Data File : VX005789.D
Acq On : 05 Nov 2018 20:04
Operator : JC/MD
Sample : J5816-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : TP-4A-S

Quant Time: Nov 06 02:33:43 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103118W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 31 18:23:06 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	146222	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	238172	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	212746	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	93252	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	109649	51.29	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.58%			
35) Dibromofluoromethane	5.50	113	83098	50.39	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.78%			
50) Toluene-d8	8.71	98	295596	51.11	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.22%			
62) 4-Bromofluorobenzene	11.14	95	94372	44.21	ug/l	0.00
Spiked Amount 50.000			Recovery = 88.42%			
Target Compounds						Qvalue
8) Diethyl Ether	2.19	74	4271	3.571	ug/l	97
16) Acetone	2.45	43	13211	2.804	ug/l	94
18) Methyl Acetate	2.78	43	5397	1.759	ug/l	96
20) Methylene Chloride	2.86	84	3429	1.860	ug/l	85
25) 2-Butanone	4.70	43	3536	1.961	ug/l	100
43) Isopropyl Acetate	6.46	43	108949	23.187	ug/l	98
95) Naphthalene	13.83	128	17073	2.626	ug/l	99

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

Quantitation Report (QT Reviewed)

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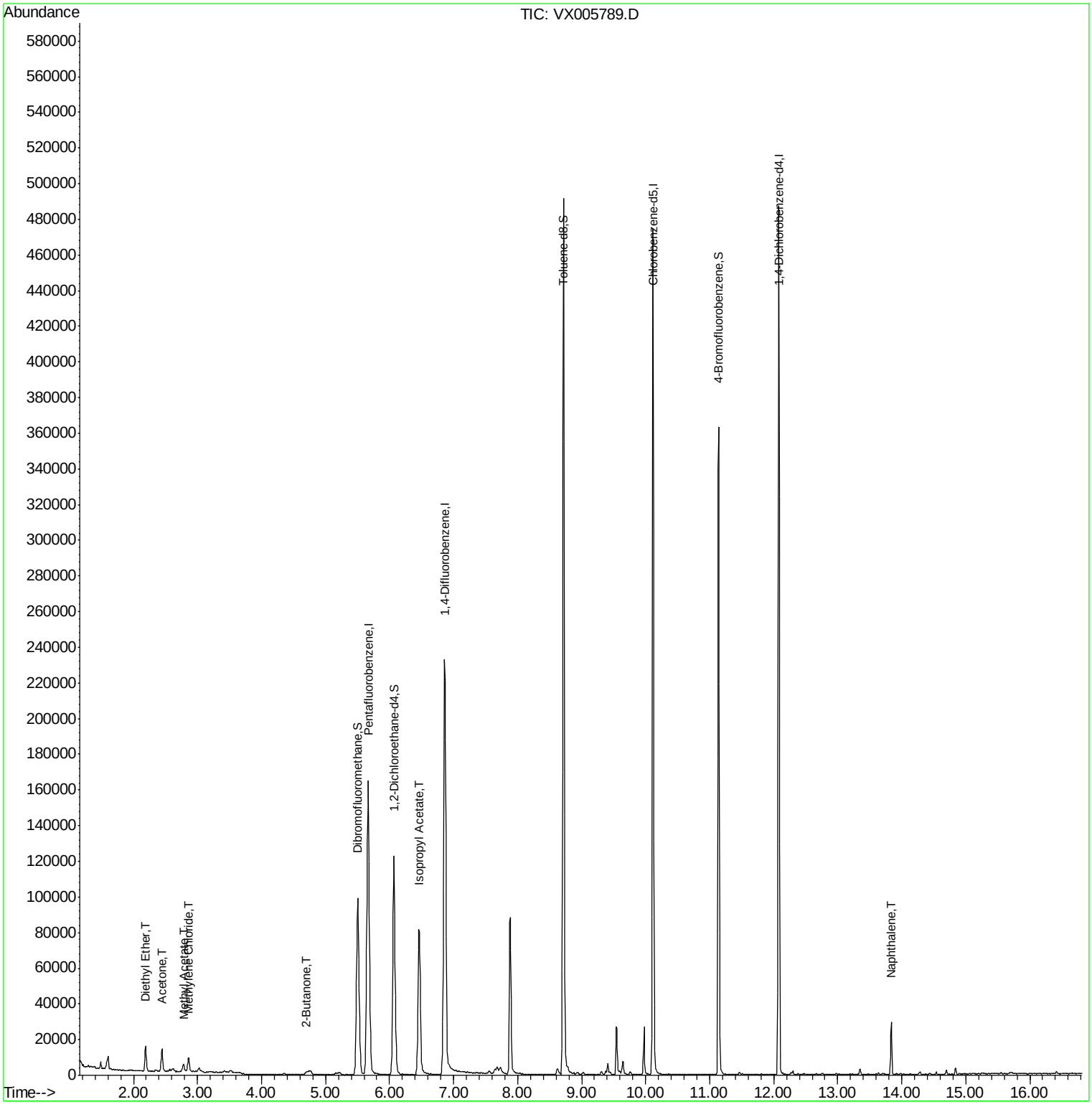
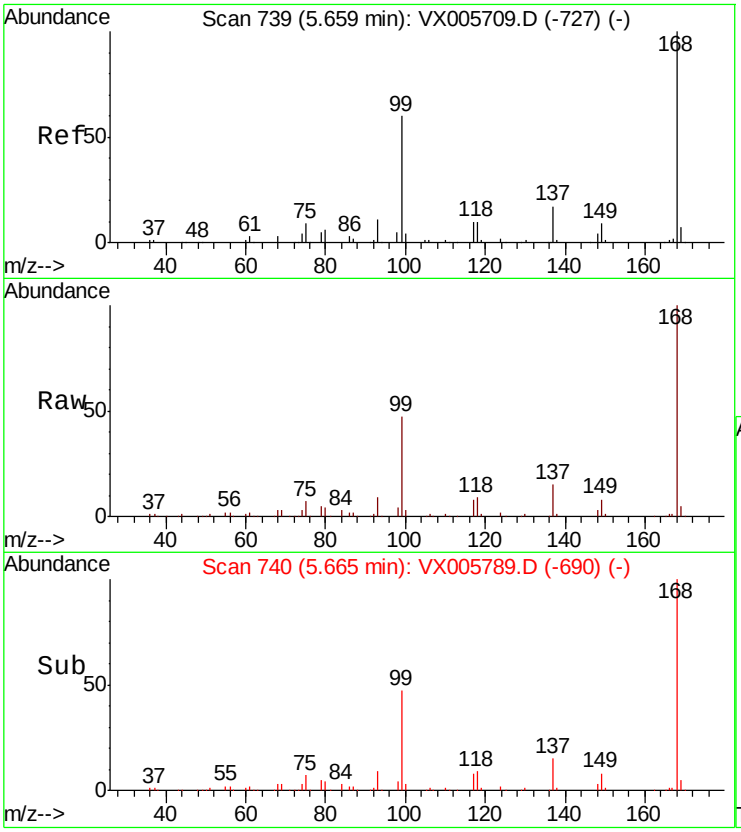


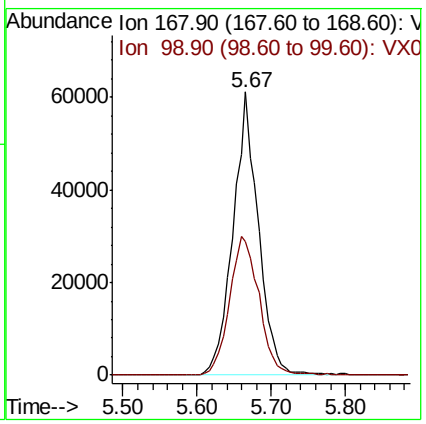


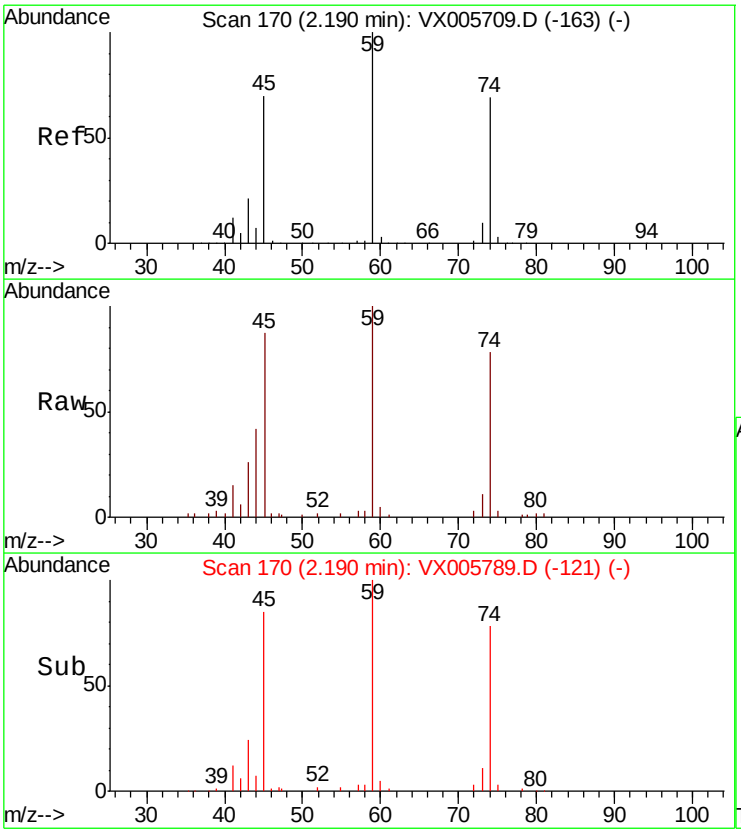
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.01 min
Lab File: VX005789.D
Acq: 05 Nov 2018 20:04

Instrument :
MSVOA_X
ClientSampleId :
TP-4A-S

Tgt Ion:168 Resp: 146222

Ion	Ratio	Lower	Upper
168	100		
99	47.1	40.7	61.1

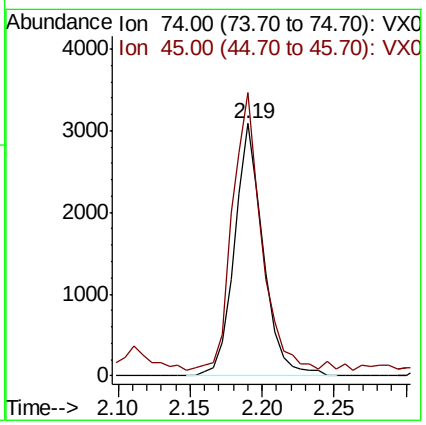


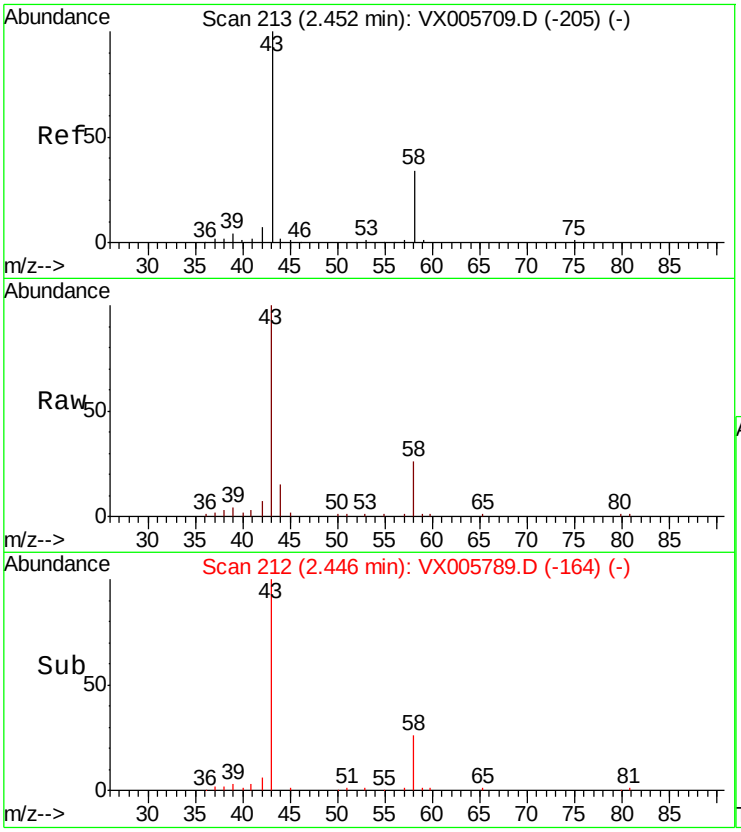


#8
Diethyl Ether
Concen: 3.571 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX005789.D
Acq: 05 Nov 2018 20:04

Tgt Ion: 74 Resp: 4271

Ion	Ratio	Lower	Upper
74	100		
45	110.8	54.1	162.3



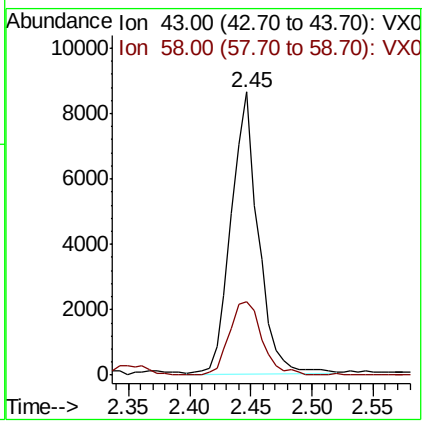


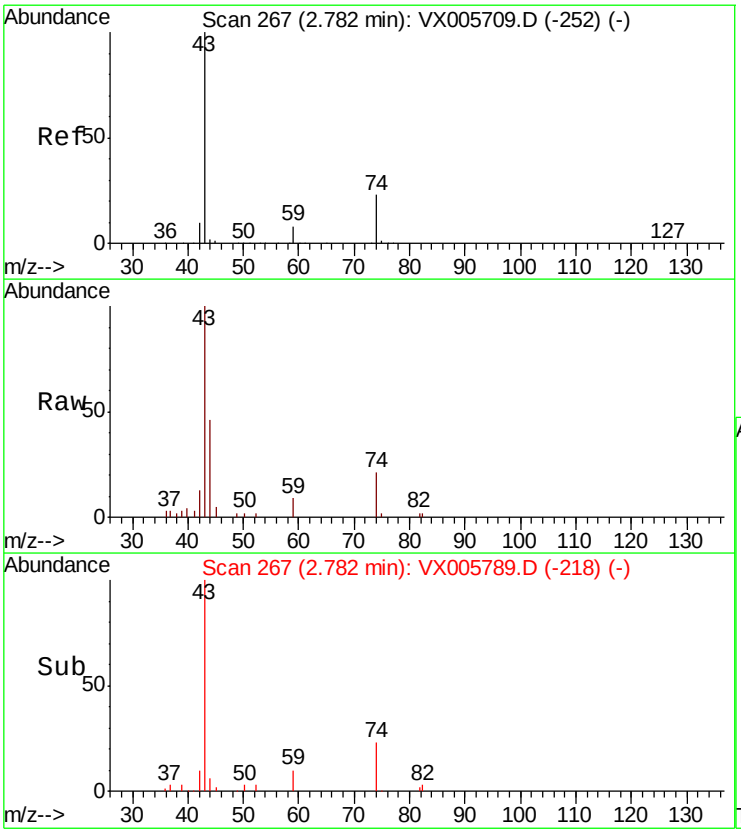
#16
Acetone
Concen: 2.804 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.01 min
Lab File: VX005789.D
Acq: 05 Nov 2018 20:04

Instrument :
MSVOA_X
ClientSampleId :
TP-4A-S

Tgt Ion: 43 Resp: 13211

Ion	Ratio	Lower	Upper
43	100		
58	26.4	23.8	35.6

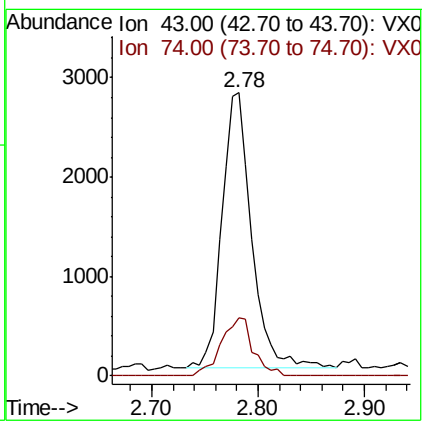


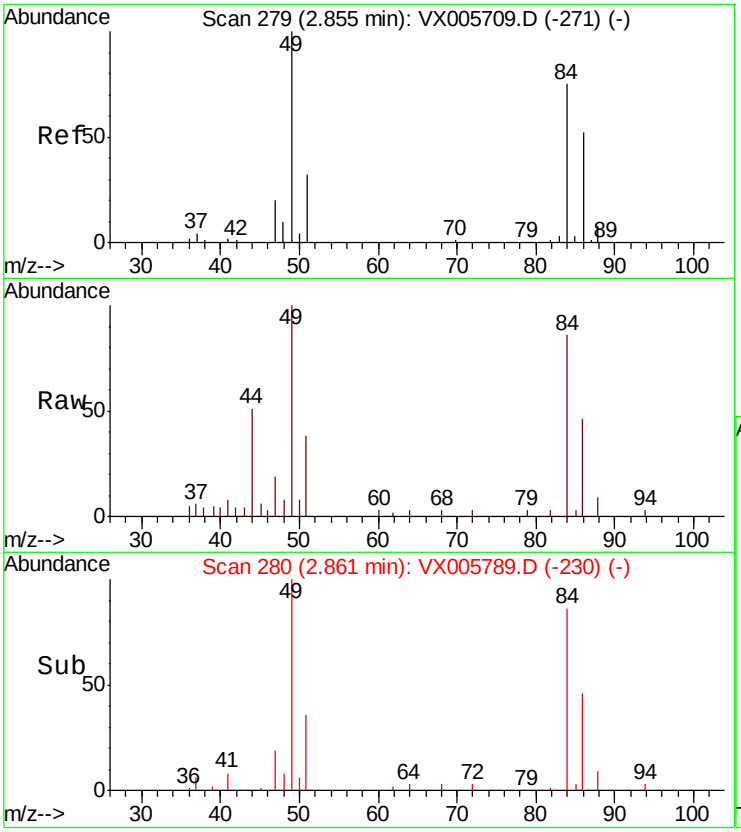


#18
Methyl Acetate
Concen: 1.759 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.00 min
Lab File: VX005789.D
Acq: 05 Nov 2018 20:04

Tgt Ion: 43 Resp: 5397

Ion	Ratio	Lower	Upper
43	100		
74	22.7	16.8	25.2



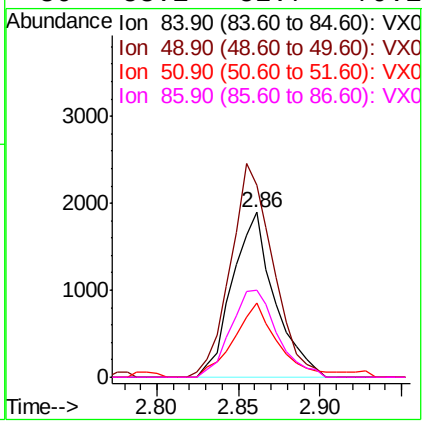


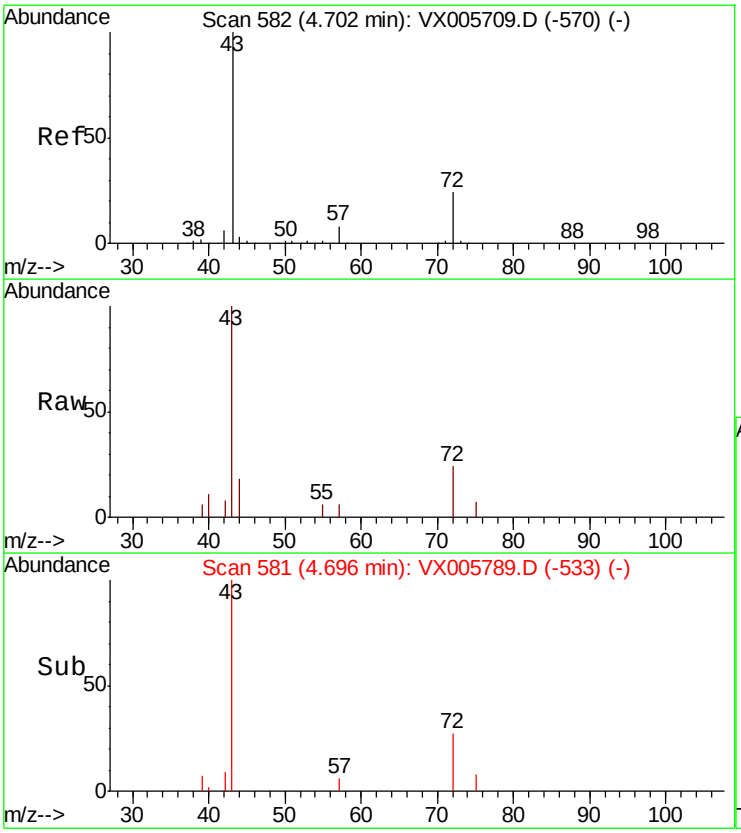
#20
Methylene Chloride
Concen: 1.860 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX005789.D
Acq: 05 Nov 2018 20:04

Instrument : MSVOA_X
ClientSampleId : TP-4A-S

Tgt Ion: 84 Resp: 3429

Ion	Ratio	Lower	Upper
84	100		
49	116.4	109.5	164.3
51	44.8	33.3	49.9
86	53.1	52.7	79.1

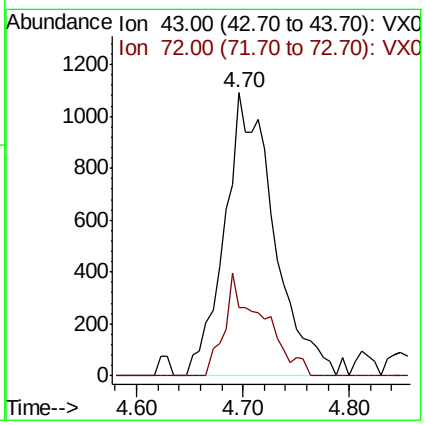


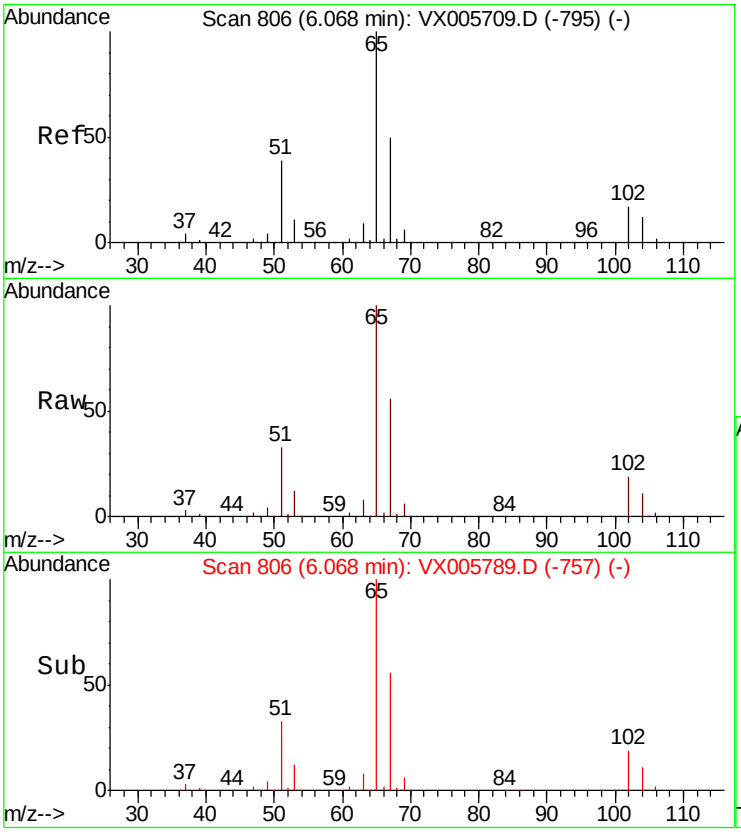


#25
2-Butanone
Concen: 1.961 ug/l
RT: 4.70 min Scan# 581
Delta R.T. -0.01 min
Lab File: VX005789.D
Acq: 05 Nov 2018 20:04

Tgt Ion: 43 Resp: 3536

Ion	Ratio	Lower	Upper
43	100		
72	23.9	19.2	28.8



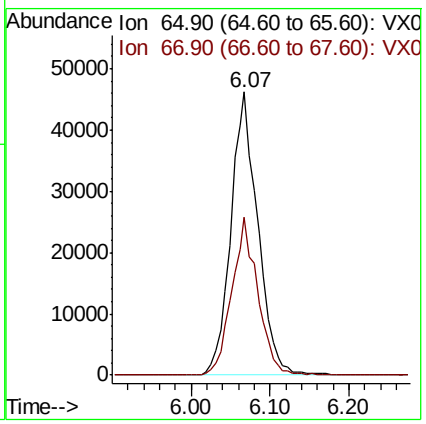


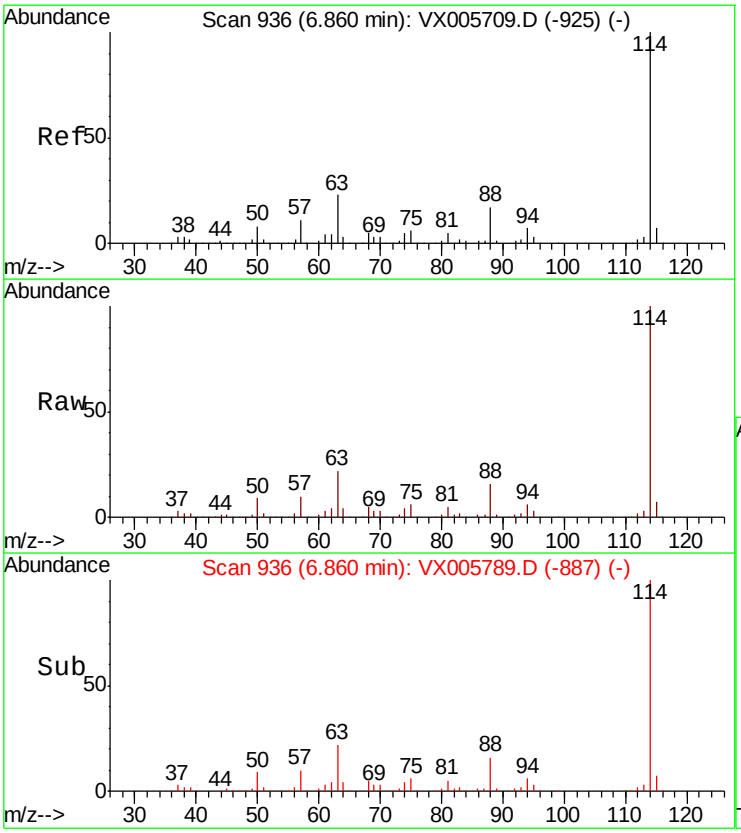
#33
1,2-Dichloroethane-d4
Concen: 51.291 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX005789.D
Acq: 05 Nov 2018 20:04

Instrument :
MSVOA_X
ClientSampleId :
TP-4A-S

Tgt Ion: 65 Resp: 109649

Ion	Ratio	Lower	Upper
65	100		
67	53.8	0.0	105.0

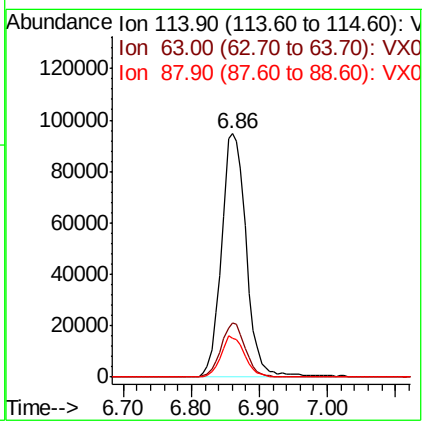


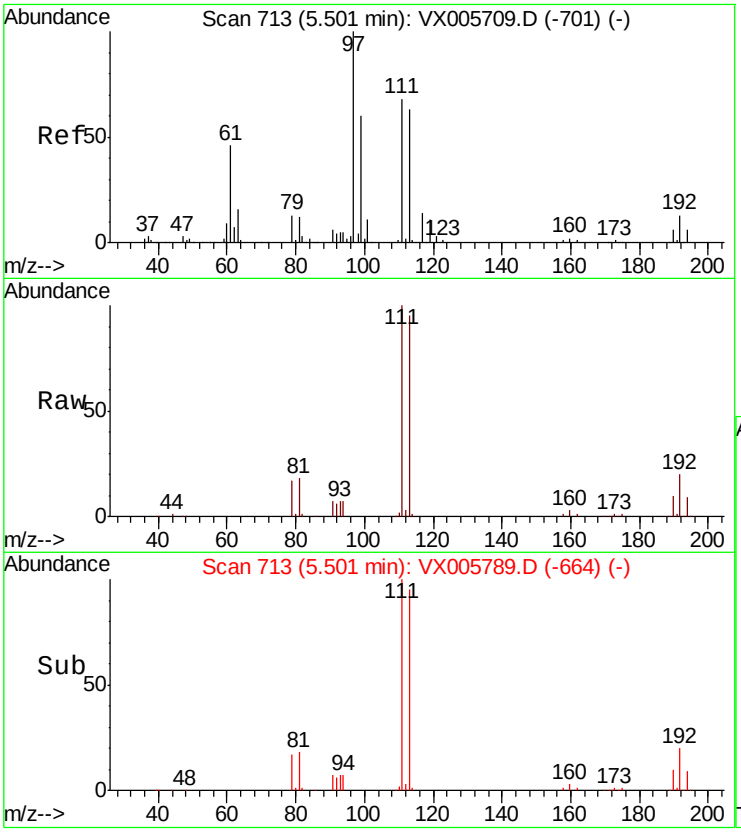


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. 0.00 min
Lab File: VX005789.D
Acq: 05 Nov 2018 20:04

Tgt Ion:114 Resp: 238172

Ion	Ratio	Lower	Upper
114	100		
63	22.2	0.0	42.8
88	15.9	0.0	31.2



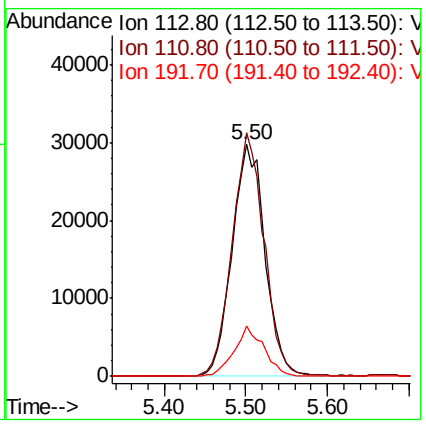


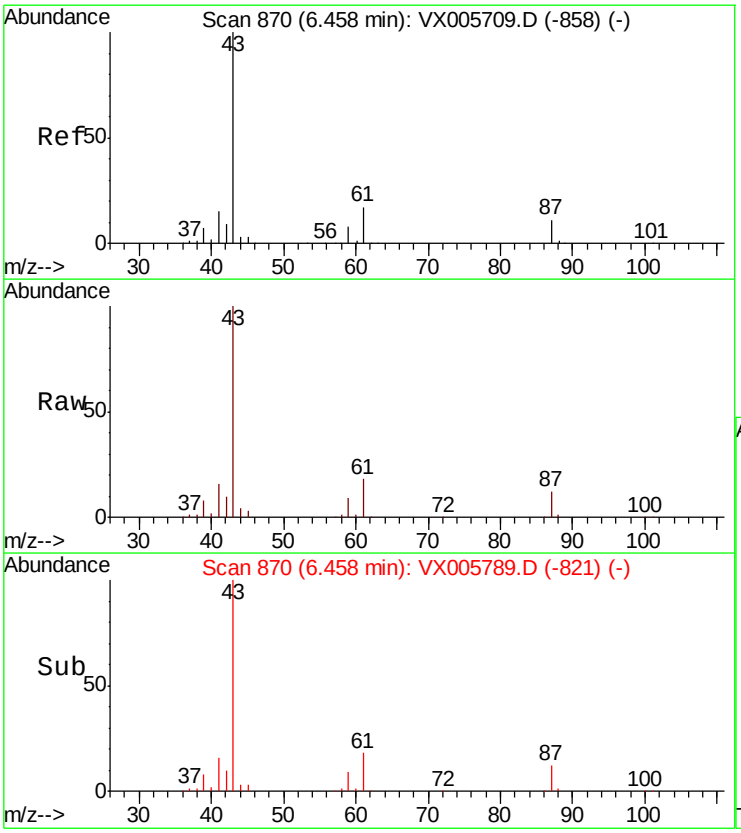
#35
Dibromofluoromethane
Concen: 50.389 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.00 min
Lab File: VX005789.D
Acq: 05 Nov 2018 20:04

Instrument :
MSVOA_X
ClientSampleId :
TP-4A-S

Tgt Ion:113 Resp: 83098

Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.3	123.5
192	19.6	17.9	26.9

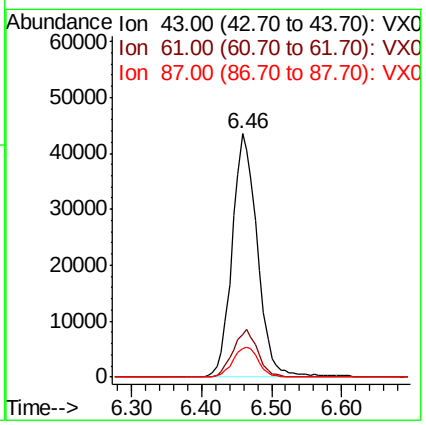


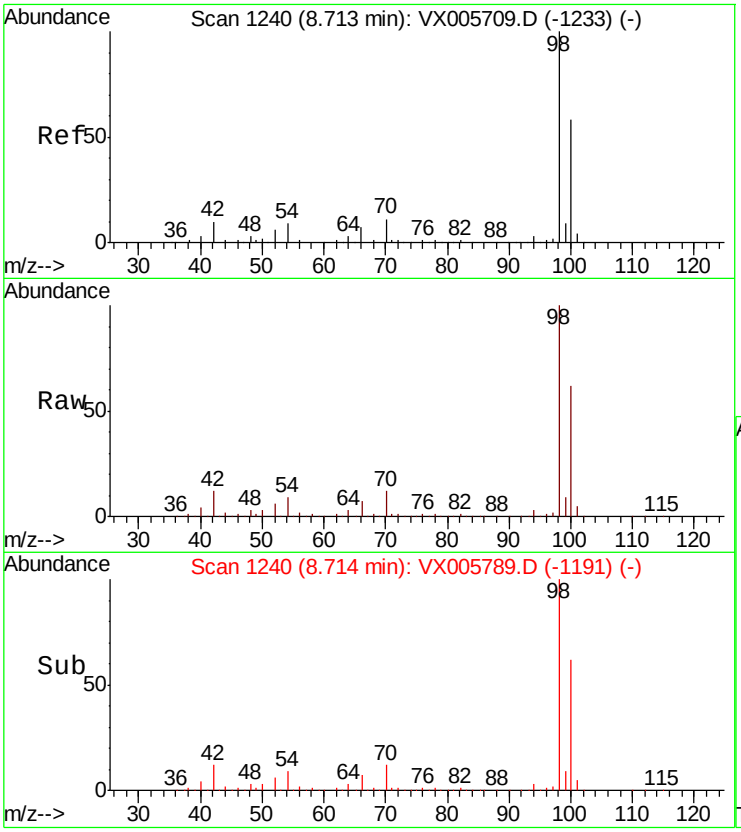


#43
Isopropyl Acetate
Concen: 23.187 ug/l
RT: 6.46 min Scan# 870
Delta R.T. 0.00 min
Lab File: VX005789.D
Acq: 05 Nov 2018 20:04

Tgt Ion: 43 Resp: 108949

Ion	Ratio	Lower	Upper
43	100		
61	19.3	14.6	22.0
87	12.5	9.6	14.4



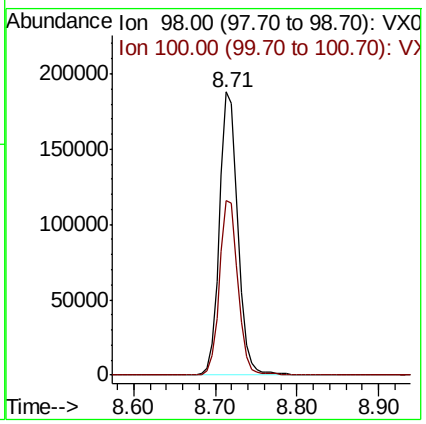


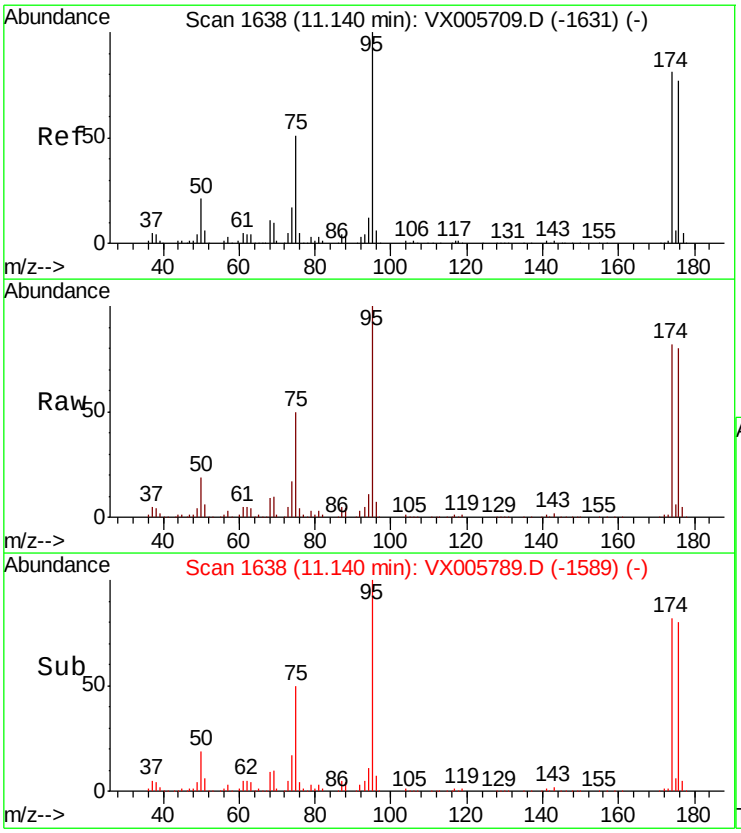
#50
Toluene-d8
Concen: 51.106 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX005789.D
Acq: 05 Nov 2018 20:04

Instrument : MSVOA_X
ClientSampleId : TP-4A-S

Tgt Ion: 98 Resp: 295596

Ion	Ratio	Lower	Upper
98	100		
100	62.0	51.3	76.9

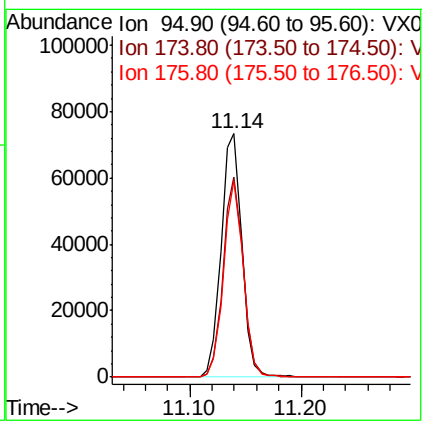


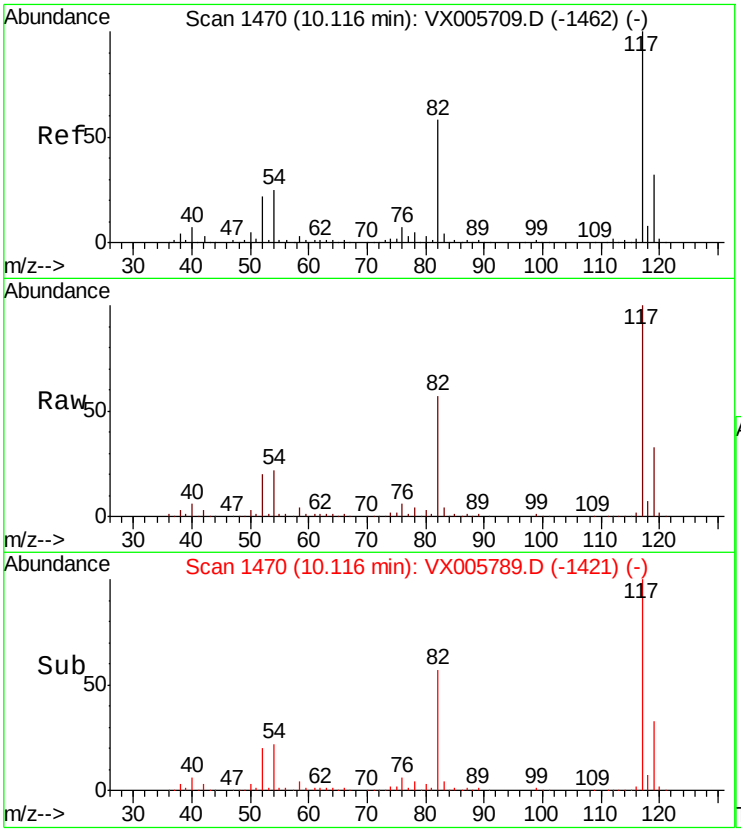


#62
4-Bromofluorobenzene
Concen: 44.208 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.00 min
Lab File: VX005789.D
Acq: 05 Nov 2018 20:04

Tgt Ion: 95 Resp: 94372

Ion	Ratio	Lower	Upper
95	100		
174	79.8	0.0	184.4
176	76.8	0.0	177.4



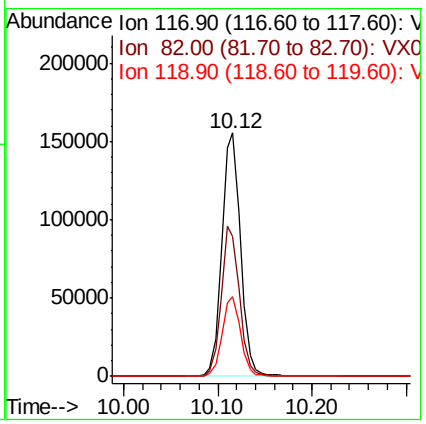


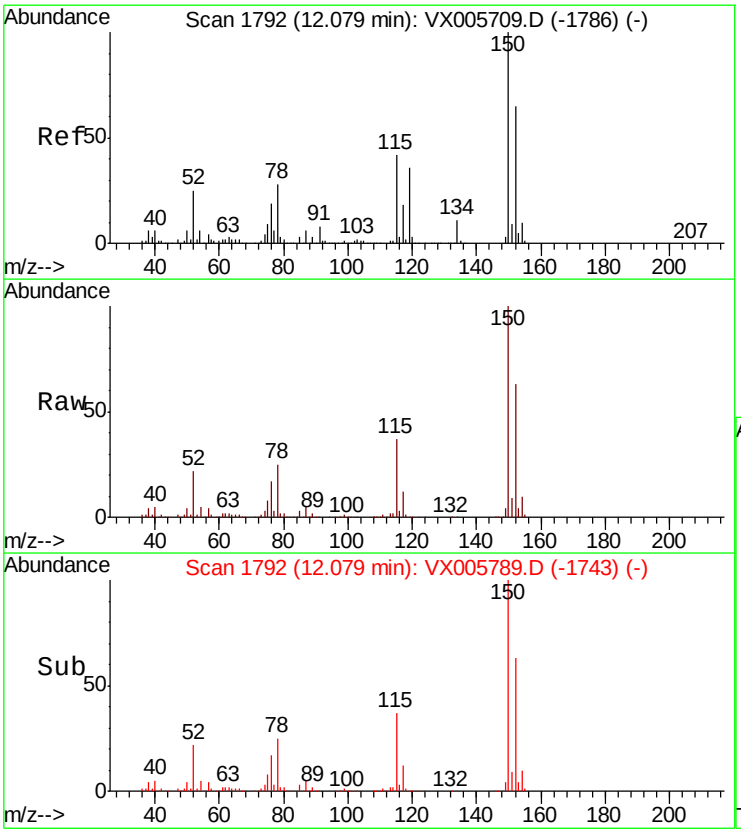
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX005789.D
Acq: 05 Nov 2018 20:04

Instrument : MSVOA_X
ClientSampleId : TP-4A-S

Tgt Ion:117 Resp: 212746

Ion	Ratio	Lower	Upper
117	100		
82	57.3	44.1	66.1
119	32.7	26.2	39.2

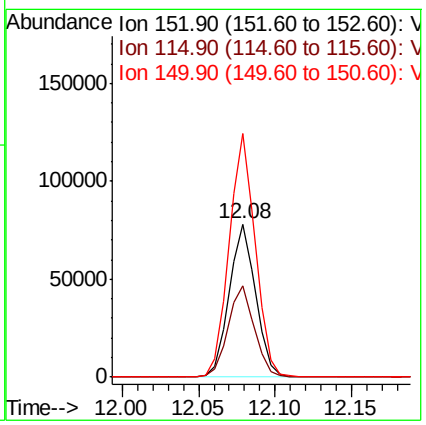


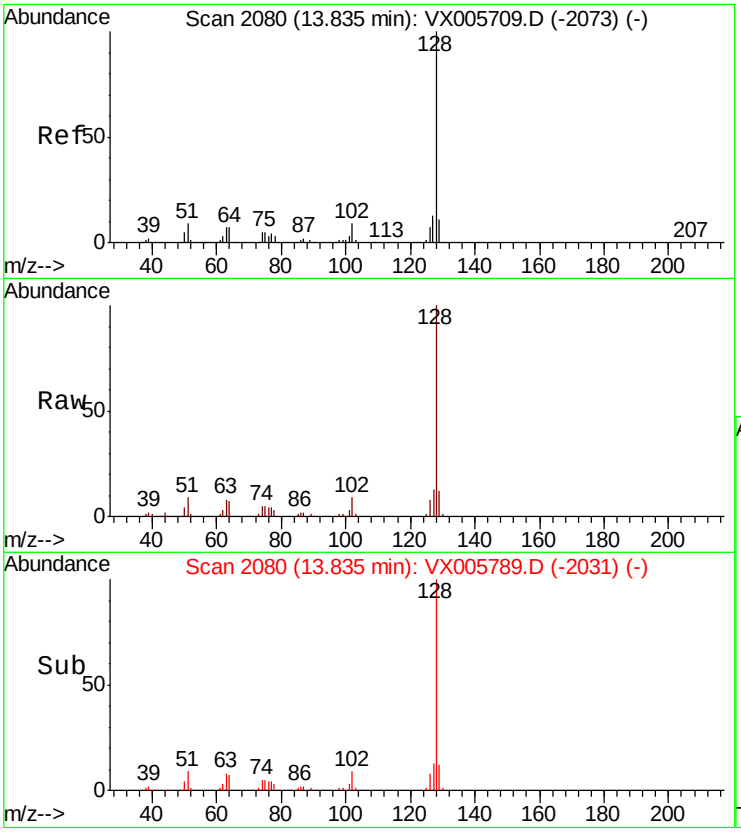


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX005789.D
Acq: 05 Nov 2018 20:04

Tgt Ion:152 Resp: 93252

Ion	Ratio	Lower	Upper
152	100		
115	59.2	39.4	118.1
150	157.3	0.0	346.4





#95
Naphthalene
Concen: 2.626 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX005789.D
Acq: 05 Nov 2018 20:04

Instrument :
MSVOA_X
ClientSampleId :
TP-4A-S

Tgt Ion:128 Resp: 17073

Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.4	15.6
129	11.6	8.7	13.1