Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100418\
Data File : VX005026.D
Acq On : 04 Oct 2018 18:41
Operator : JC/MD
Sample : J5204-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 62 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : SU-04-100318-A

Quant Time: Oct 05 03:23:18 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 03 04:00:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	241180	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	390833	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	385407	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	216384	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	172930	50.19	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.38%			
35) Dibromofluoromethane	5.51	113	147465	44.52	ug/l	0.00
Spiked Amount 50.000			Recovery = 89.04%			
50) Toluene-d8	8.72	98	555393	50.44	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.88%			
62) 4-Bromofluorobenzene	11.14	95	207901	52.41	ug/l	0.00
Spiked Amount 50.000			Recovery = 104.82%			
Target Compounds						Qvalue
5) Bromomethane	1.64	94	538	0.242	ug/l	87
6) Chloroethane	1.73	64	53	Below Cal	#	45
11) Tert butyl alcohol	3.07	59	521	0.541	ug/l #	60
13) Acrolein	2.30	56	138	0.201	ug/l #	10
16) Acetone	2.45	43	310815	154.526	ug/l	92
18) Methyl Acetate	2.78	43	7426	1.457	ug/l	98
20) Methylene Chloride	2.86	84	33960	10.957	ug/l	92
25) 2-Butanone	4.71	43	6467	2.181	ug/l #	85
29) Tetrahydrofuran	5.17	42	2875	1.560	ug/l #	63
30) Chloroform	5.21	83	2016	0.372	ug/l	96
31) Cyclohexane	5.67	56	4196	0.957	ug/l #	1
36) 1,1-Dichloropropene	5.67	75	16240	3.593	ug/l #	45
38) Carbon Tetrachloride	5.66	117	21288	4.481	ug/l #	17
43) Isopropyl Acetate	6.46	43	185190	21.388	ug/l	97
48) Methyl methacrylate	7.69	41	8642	2.199	ug/l #	24
51) 4-Methyl-2-Pentanone	8.62	43	2364	0.434	ug/l #	37
52) Toluene	8.79	92	5868	0.755	ug/l	100
56) Ethyl methacrylate	9.37	69	142	2.886	ug/l #	1
58) 2-Chloroethyl Vinyl ether	8.32	63	22	14.249	ug/l #	49
68) m/p-Xylenes	10.36	106	2149	0.350	ug/l	77
70) Styrene	10.72	104	369	2.174	ug/l #	51
74) N-amyl acetate	10.92	43	92	1.760	ug/l #	10
76) 1,2,3-Trichloropropane	11.14	75	99859	20.590	ug/l #	35
80) 1,3,5-Trimethylbenzene	11.51	105	1956	Below Cal		95
81) trans-1,4-Dichloro-2-buten	11.14	75	99859	55.911	ug/l #	10
95) Naphthalene	13.83	128	76565	4.912	ug/l	99

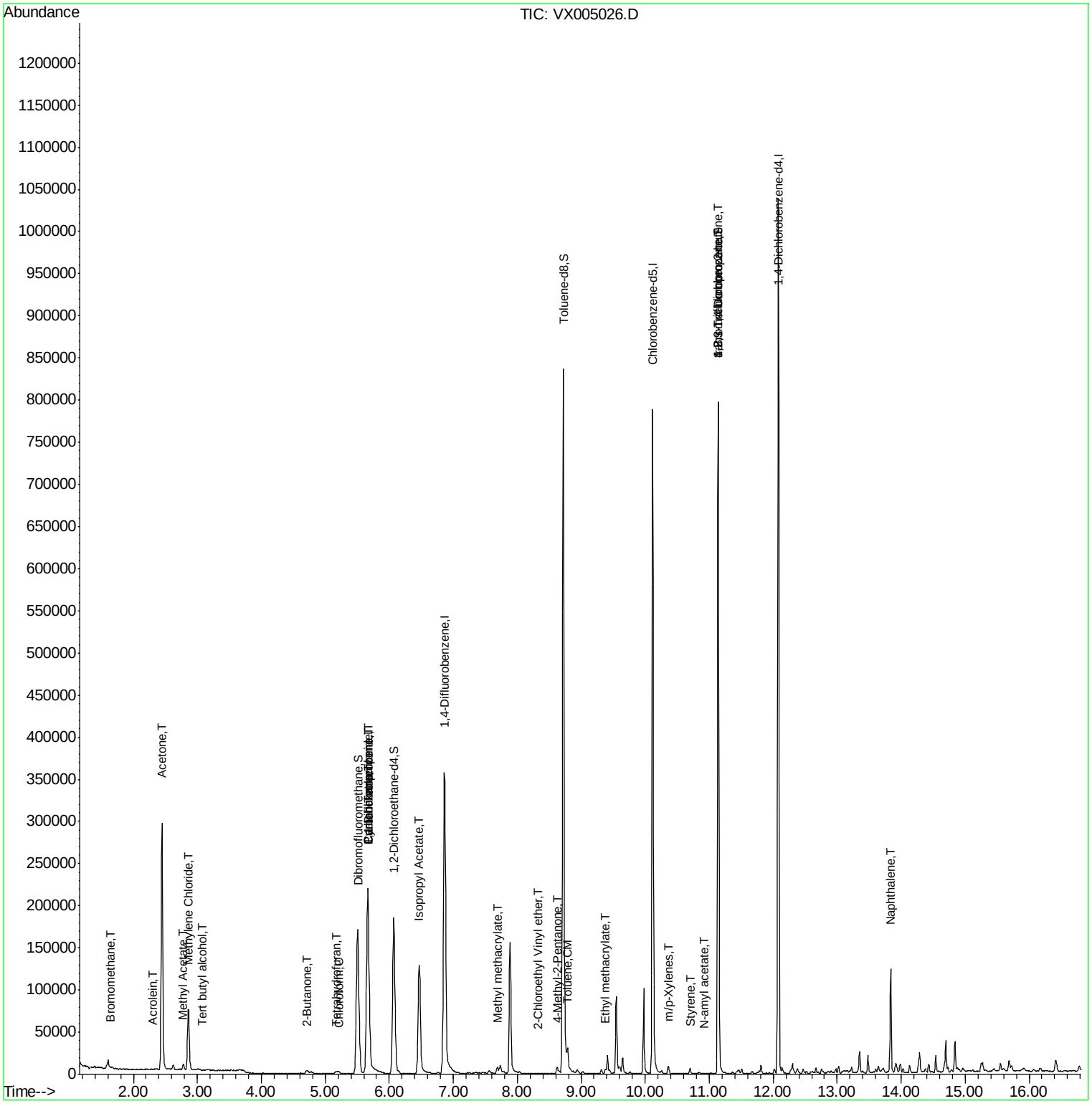
(#) = qualifier out of range (m) = manual integration (+) = signals summed

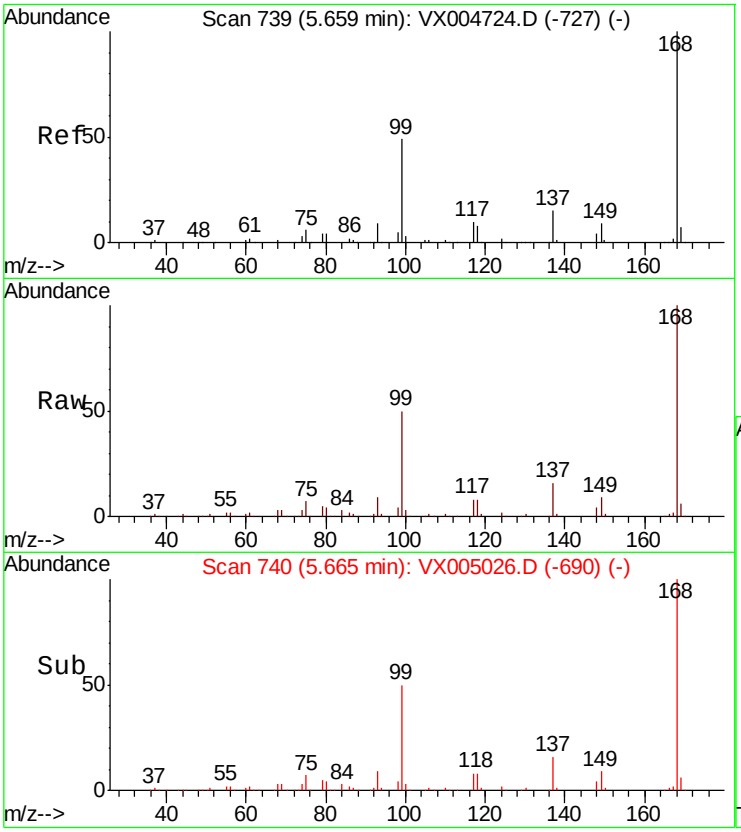
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100418\
Data File : VX005026.D
Acq On : 04 Oct 2018 18:41
Operator : JC/MD
Sample : J5204-02
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 62 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SU-04-100318-A

Quant Time: Oct 05 03:23:18 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 03 04:00:03 2018
Response via : Initial Calibration



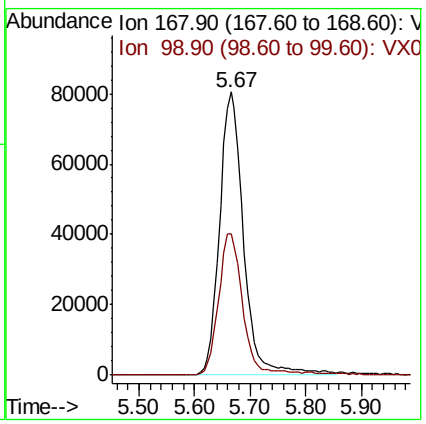


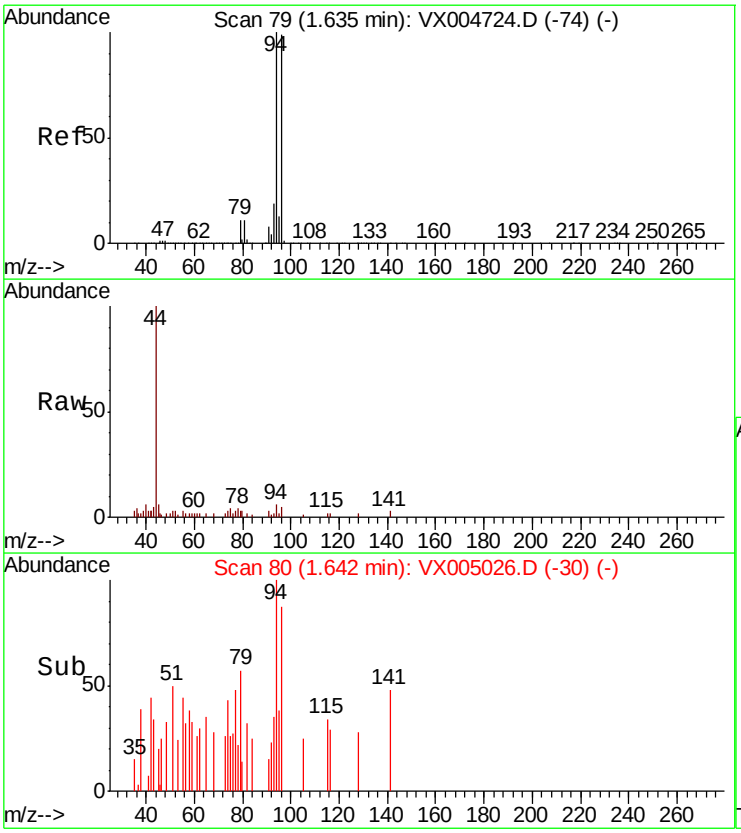
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.01 min
Lab File: VX005026.D
Acq: 04 Oct 2018 18:41

Instrument :
MSVOA_X
ClientSampleId :
SU-04-100318-A

Tgt Ion:168 Resp: 241180

Ion	Ratio	Lower	Upper
168	100		
99	49.6	39.3	58.9

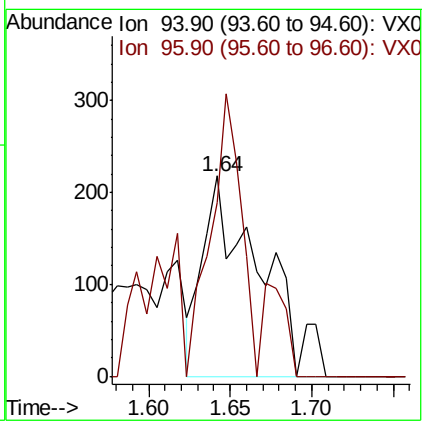


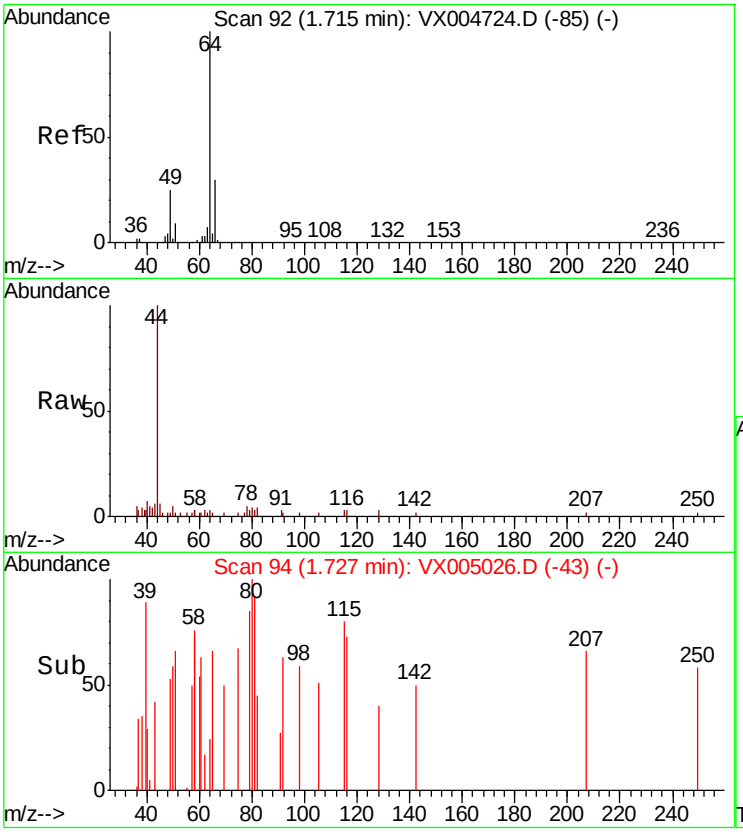


#5
Bromomethane
Concen: 0.242 ug/l
RT: 1.64 min Scan# 80
Delta R.T. 0.01 min
Lab File: VX005026.D
Acq: 04 Oct 2018 18:41

Tgt Ion: 94 Resp: 538

Ion	Ratio	Lower	Upper
94	100		
96	86.7	79.5	119.3



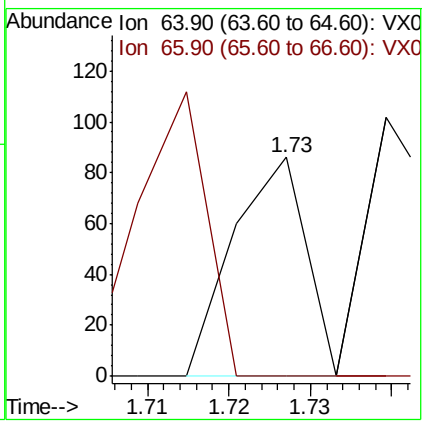


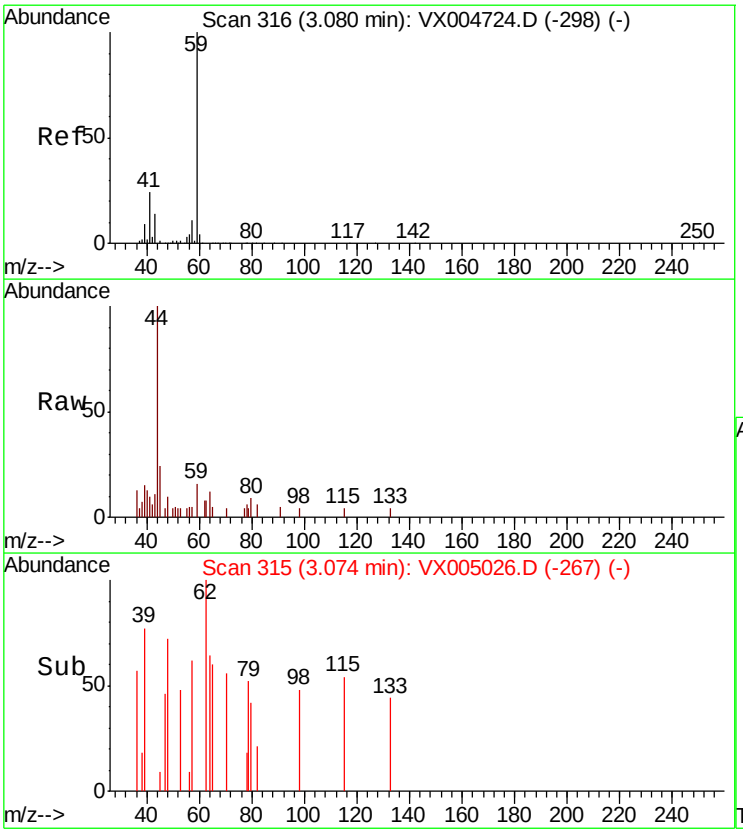
#6
Chloroethane
Concen: Below Cal
RT: 1.73 min Scan# 94
Delta R.T. 0.01 min
Lab File: VX005026.D
Acq: 04 Oct 2018 18:41

Instrument : MSVOA_X
ClientSampleId : SU-04-100318-A

Tgt Ion: 64 Resp: 53

Ion	Ratio	Lower	Upper
64	100		
66	0.0	23.8	35.6#

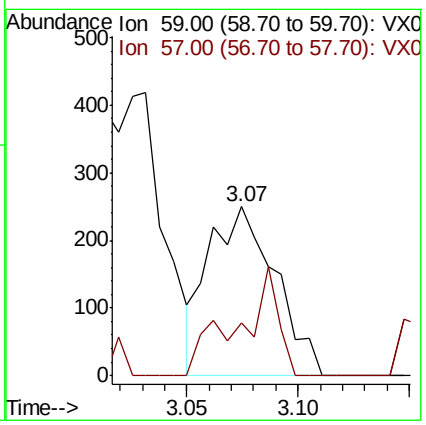


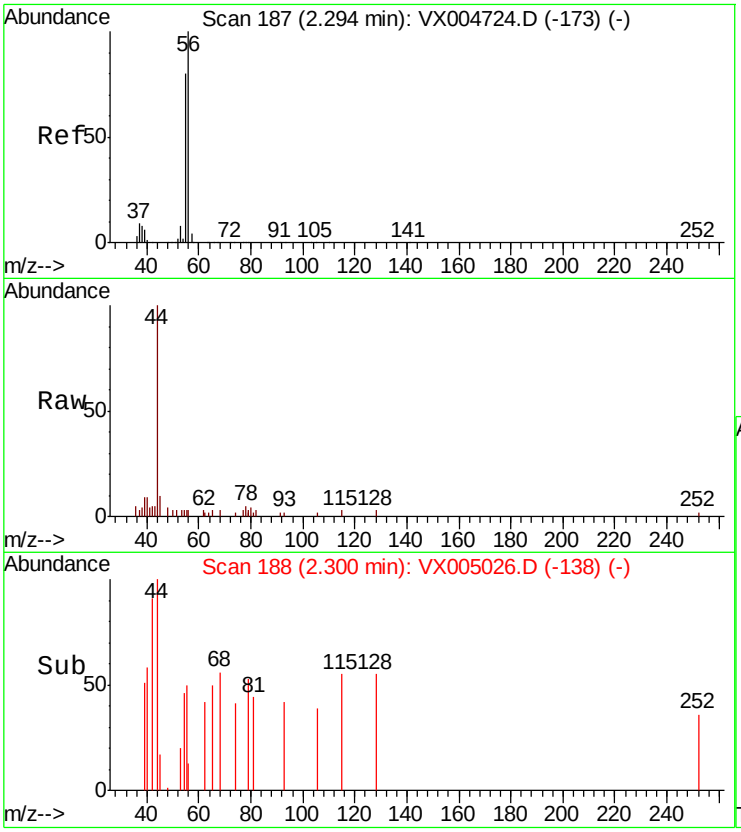


#11
Tert butyl alcohol
Concen: 0.541 ug/l
RT: 3.07 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX005026.D
Acq: 04 Oct 2018 18:41

Tgt Ion: 59 Resp: 521

Ion	Ratio	Lower	Upper
59	100		
57	25.7	8.6	12.8#



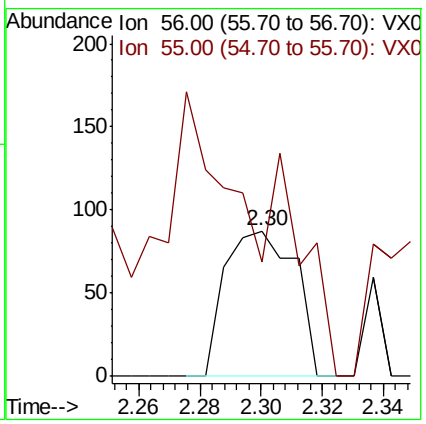


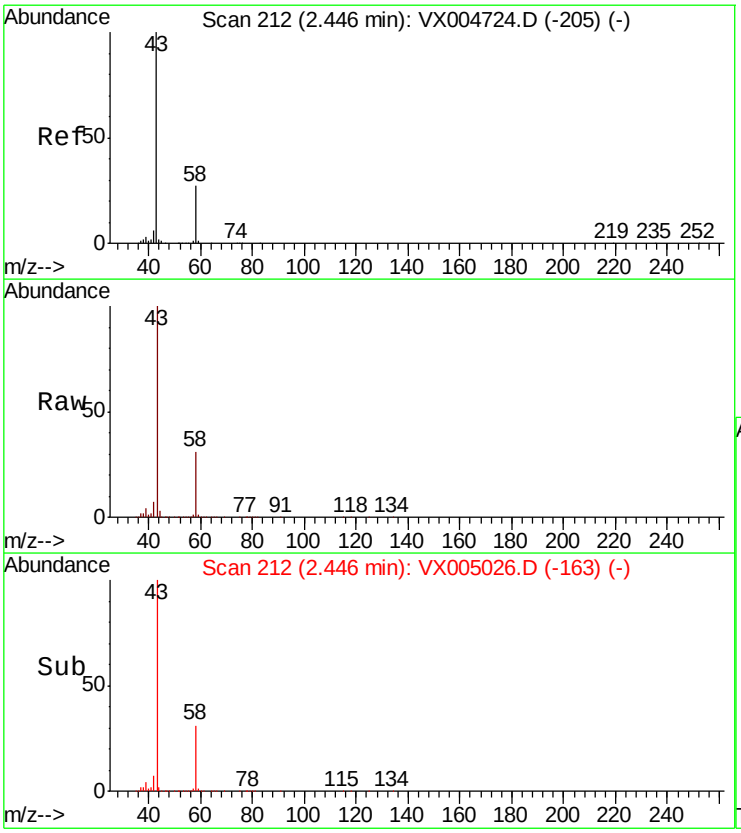
#13
Acrolein
Concen: 0.201 ug/l
RT: 2.30 min Scan# 188
Delta R.T. 0.01 min
Lab File: VX005026.D
Acq: 04 Oct 2018 18:41

Instrument :
MSVOA_X
ClientSampleId :
SU-04-100318-A

Tgt Ion: 56 Resp: 138

Ion	Ratio	Lower	Upper
56	100		
55	0.0	63.4	95.2#

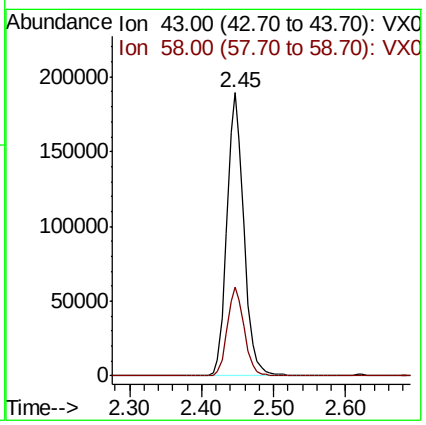


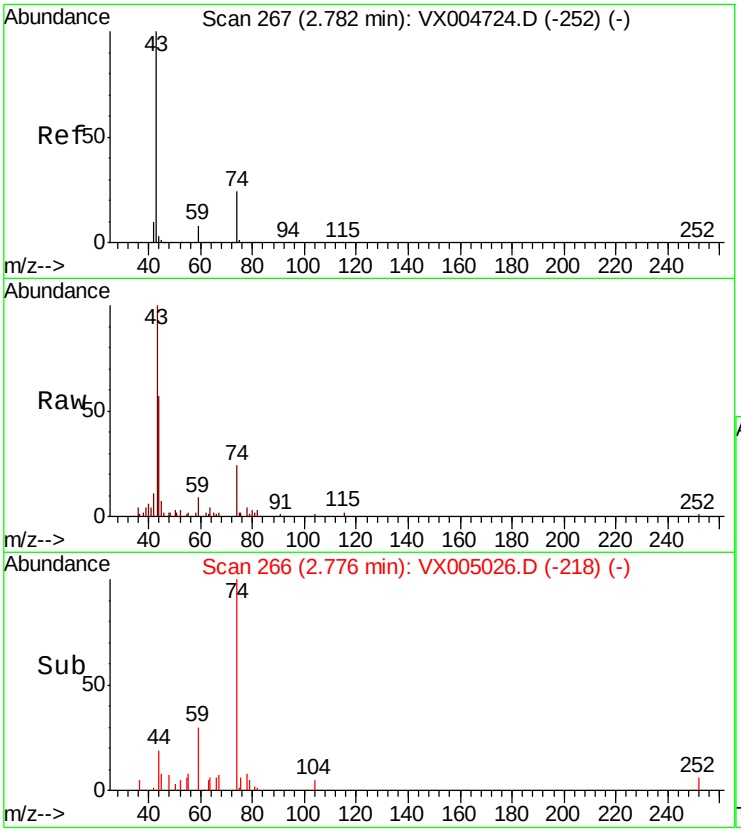


#16
Acetone
Concen: 154.526 ug/l
RT: 2.45 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX005026.D
Acq: 04 Oct 2018 18:41

Tgt Ion: 43 Resp: 310815

Ion	Ratio	Lower	Upper
43	100		
58	31.3	21.8	32.6



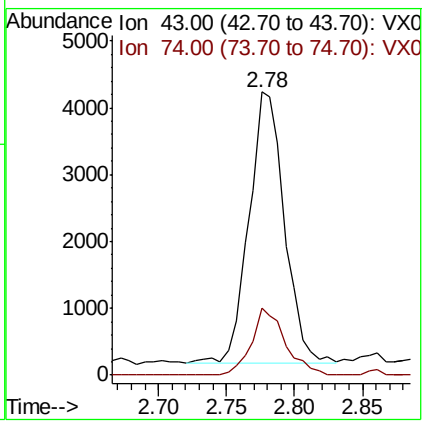


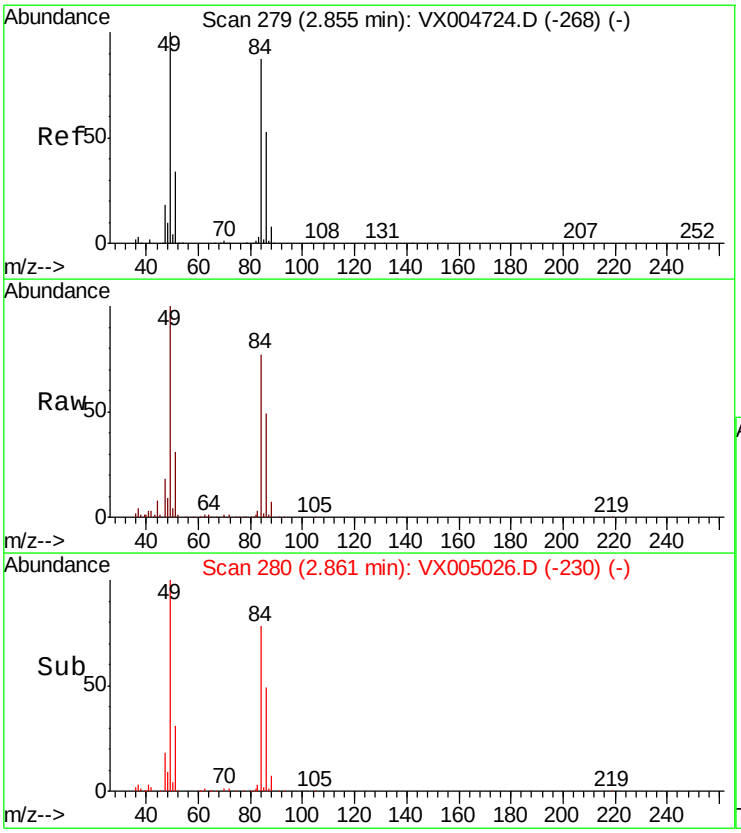
#18
Methyl Acetate
Concen: 1.457 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX005026.D
Acq: 04 Oct 2018 18:41

Instrument :
MSVOA_X
ClientSampleId :
SU-04-100318-A

Tgt Ion: 43 Resp: 7426

Ion	Ratio	Lower	Upper
43	100		
74	23.5	17.8	26.8

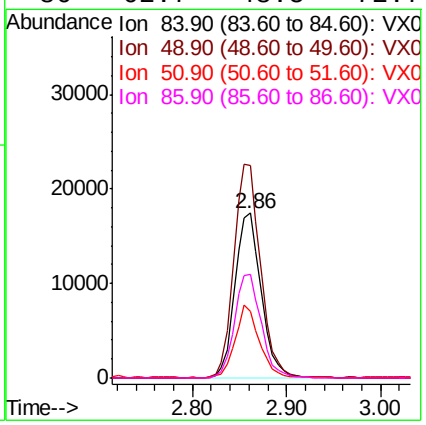


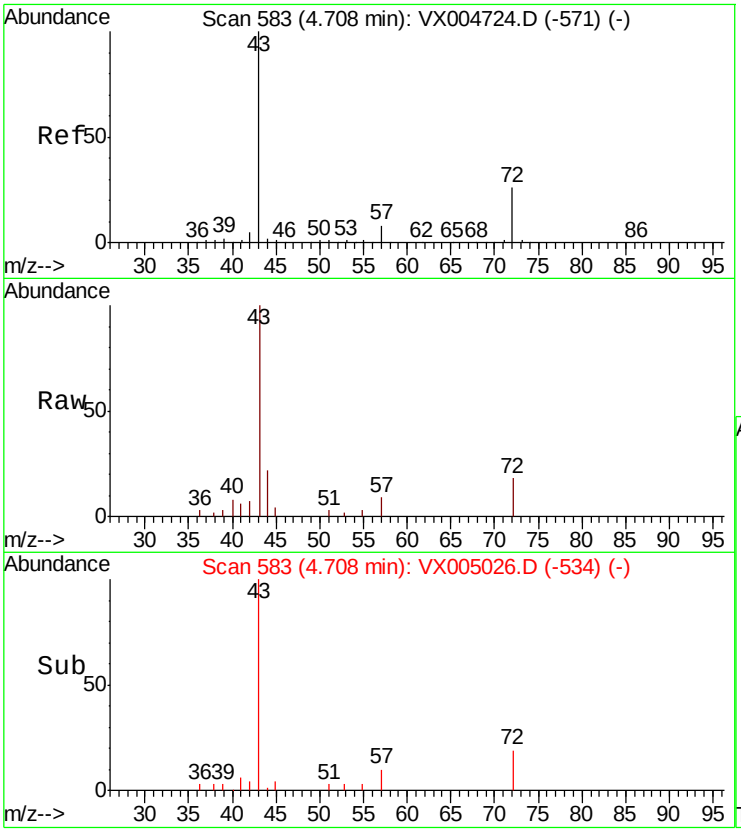


#20
Methylene Chloride
Concen: 10.957 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX005026.D
Acq: 04 Oct 2018 18:41

Tgt Ion: 84 Resp: 33960

Ion	Ratio	Lower	Upper
84	100		
49	129.3	92.3	138.5
51	40.2	31.8	47.6
86	62.7	48.5	72.7



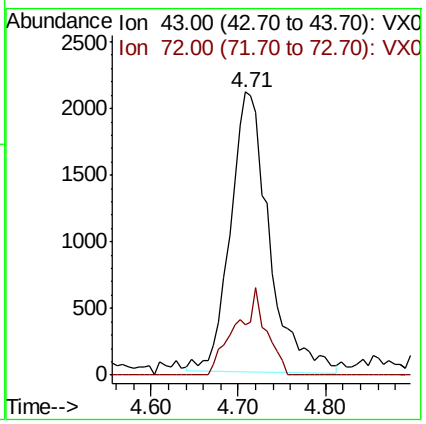


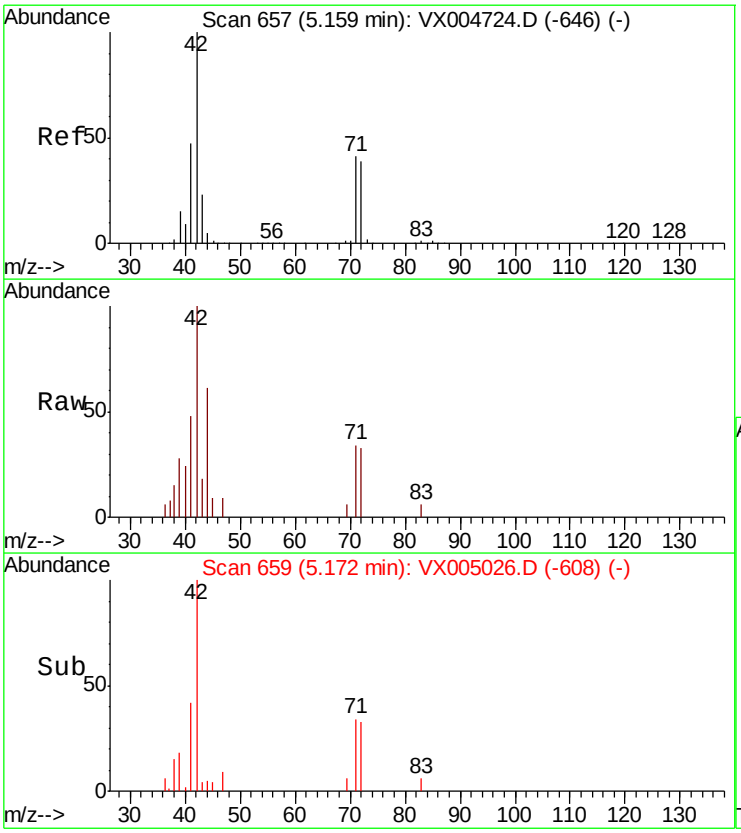
#25
2-Butanone
Concen: 2.181 ug/l
RT: 4.71 min Scan# 583
Delta R.T. 0.00 min
Lab File: VX005026.D
Acq: 04 Oct 2018 18:41

Instrument :
MSVOA_X
ClientSampleId :
SU-04-100318-A

Tgt Ion: 43 Resp: 6467

Ion	Ratio	Lower	Upper
43	100		
72	18.3	20.8	31.2#

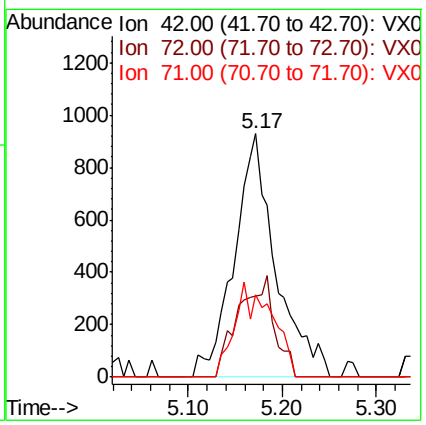


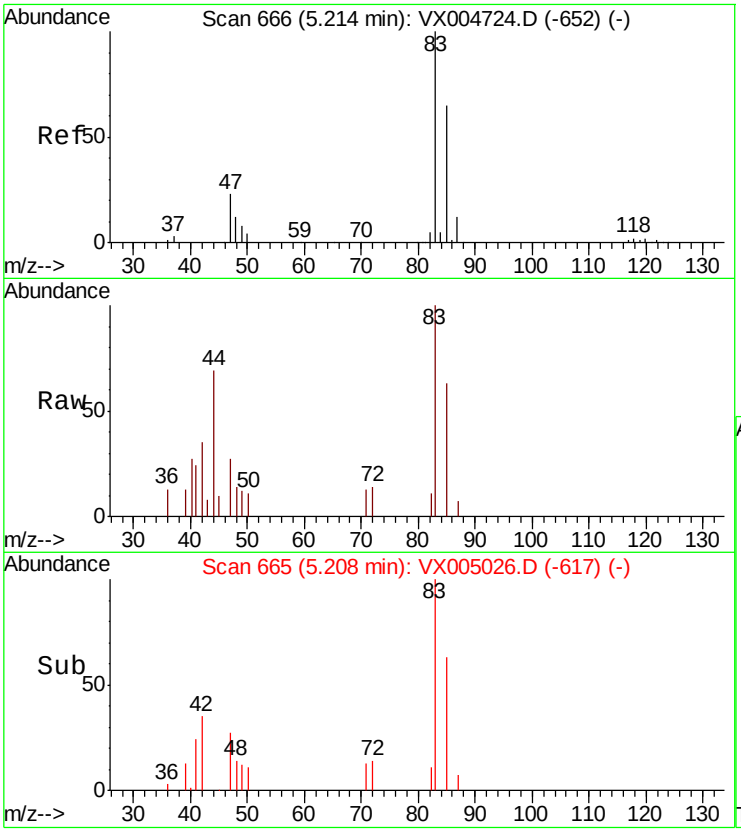


#29
Tetrahydrofuran
Concen: 1.560 ug/l
RT: 5.17 min Scan# 659
Delta R.T. 0.01 min
Lab File: VX005026.D
Acq: 04 Oct 2018 18:41

Tgt Ion: 42 Resp: 2875

Ion	Ratio	Lower	Upper
42	100		
72	35.9	33.7	50.5
71	0.0	32.2	48.4#



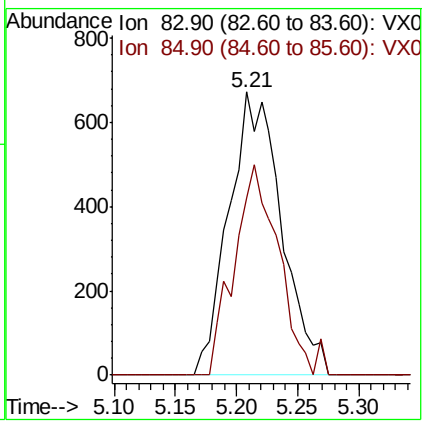


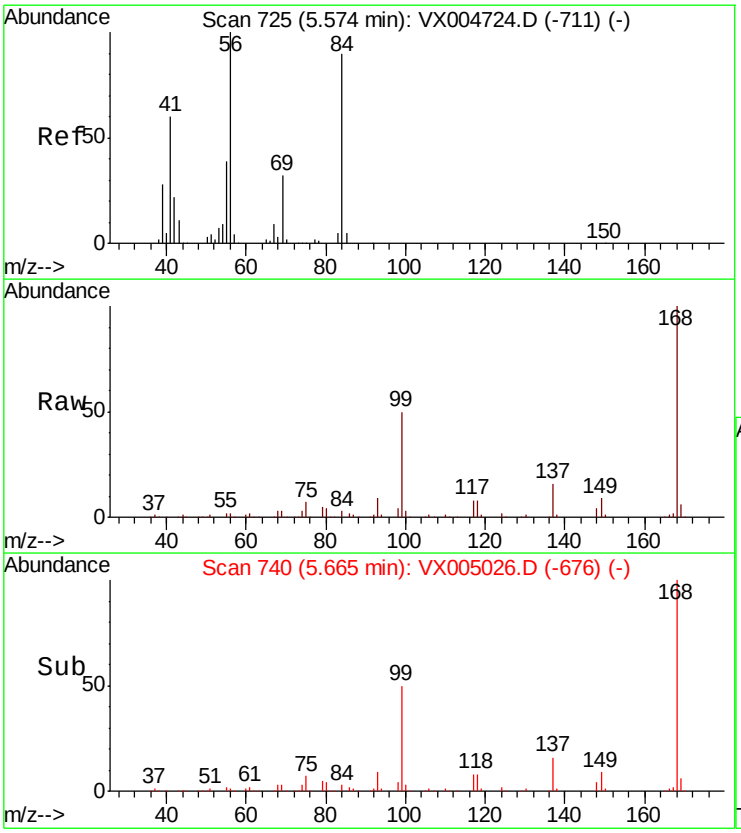
#30
Chloroform
Concen: 0.372 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.01 min
Lab File: VX005026.D
Acq: 04 Oct 2018 18:41

Instrument :
MSVOA_X
ClientSampleId :
SU-04-100318-A

Tgt Ion: 83 Resp: 2016

Ion	Ratio	Lower	Upper
83	100		
85	62.5	52.4	78.6

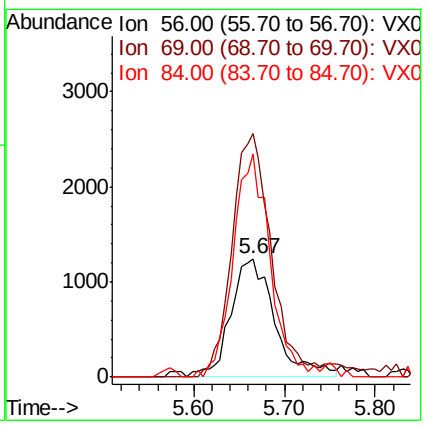


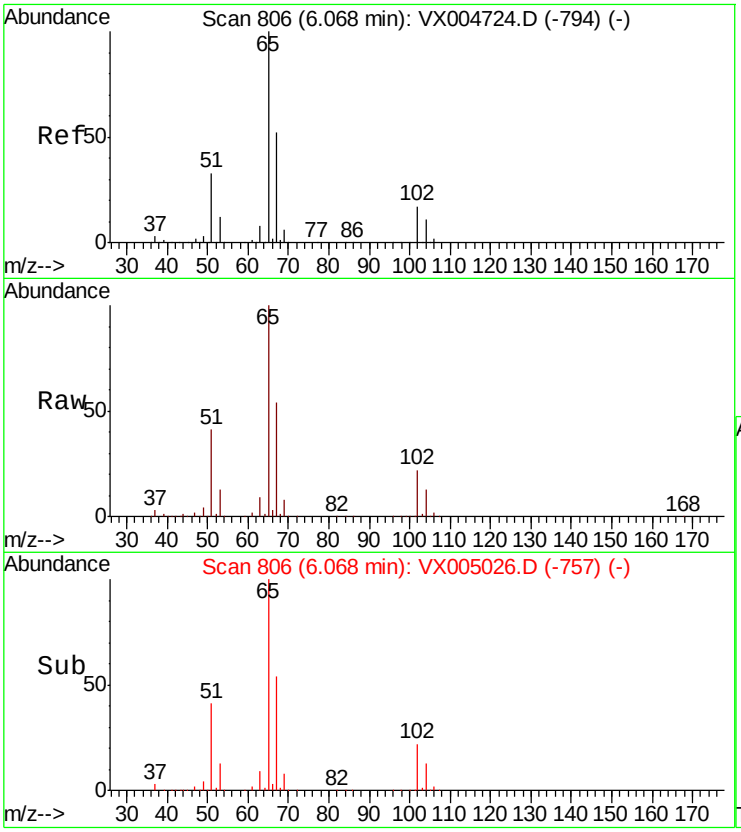


#31
Cyclohexane
Concen: 0.957 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.09 min
Lab File: VX005026.D
Acq: 04 Oct 2018 18:41

Tgt Ion: 56 Resp: 4196

Ion	Ratio	Lower	Upper
56	100		
69	205.7	25.9	38.9#
84	188.8	71.9	107.9#



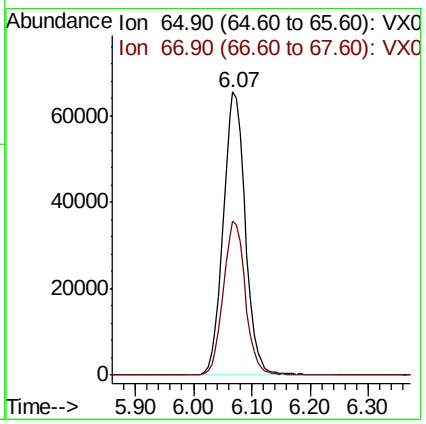


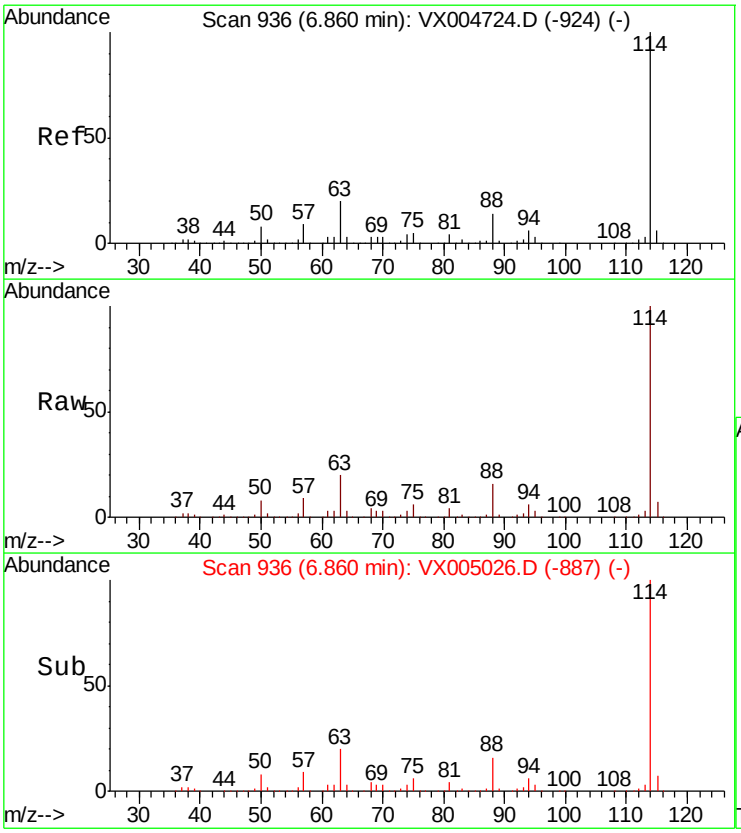
#33
1,2-Dichloroethane-d4
Concen: 50.194 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX005026.D
Acq: 04 Oct 2018 18:41

Instrument :
MSVOA_X
ClientSampleId :
SU-04-100318-A

Tgt Ion: 65 Resp: 172930

Ion	Ratio	Lower	Upper
65	100		
67	54.0	0.0	107.4

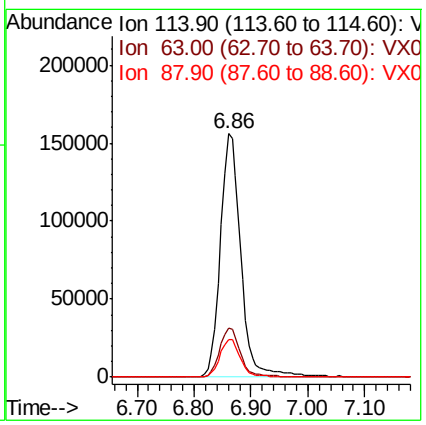


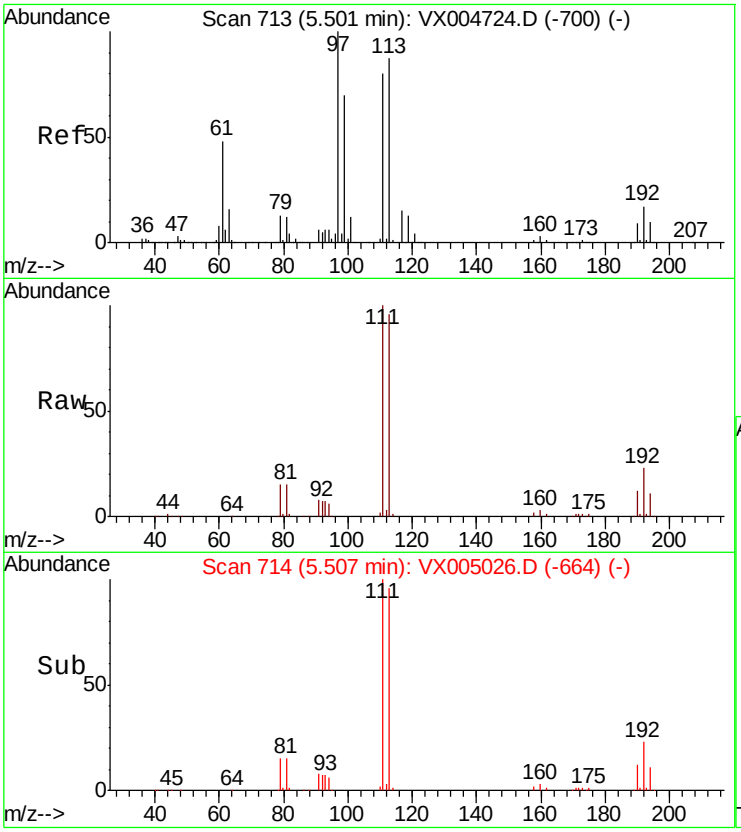


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. 0.00 min
Lab File: VX005026.D
Acq: 04 Oct 2018 18:41

Tgt Ion:114 Resp: 390833

Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	39.8
88	15.5	0.0	27.0



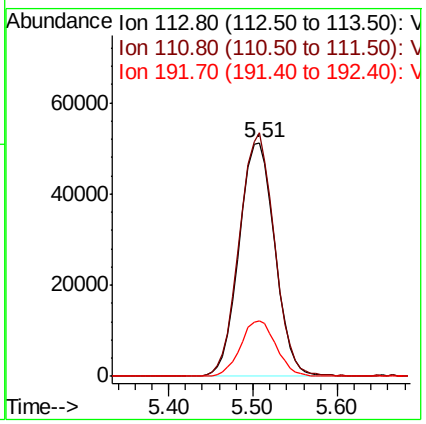


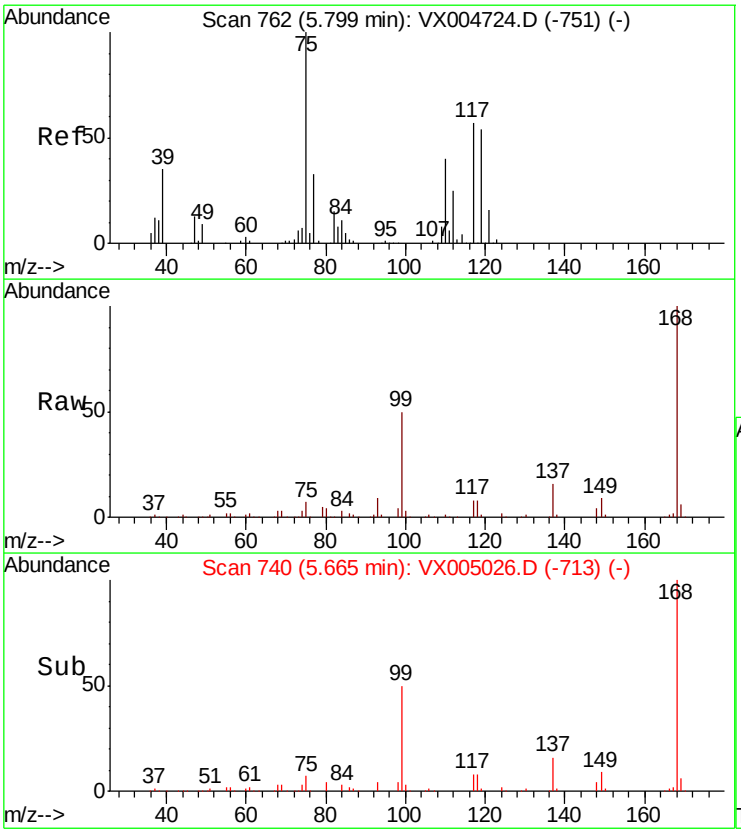
#35
Dibromofluoromethane
Concen: 44.520 ug/l
RT: 5.51 min Scan# 714
Delta R.T. 0.01 min
Lab File: VX005026.D
Acq: 04 Oct 2018 18:41

Instrument :
MSVOA_X
ClientSampleId :
SU-04-100318-A

Tgt Ion:113 Resp: 147465

Ion	Ratio	Lower	Upper
113	100		
111	102.4	77.0	115.4
192	23.6	17.0	25.6

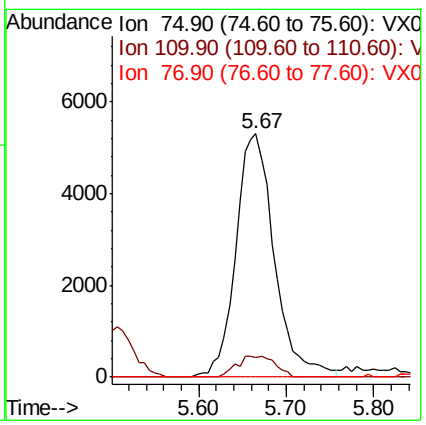


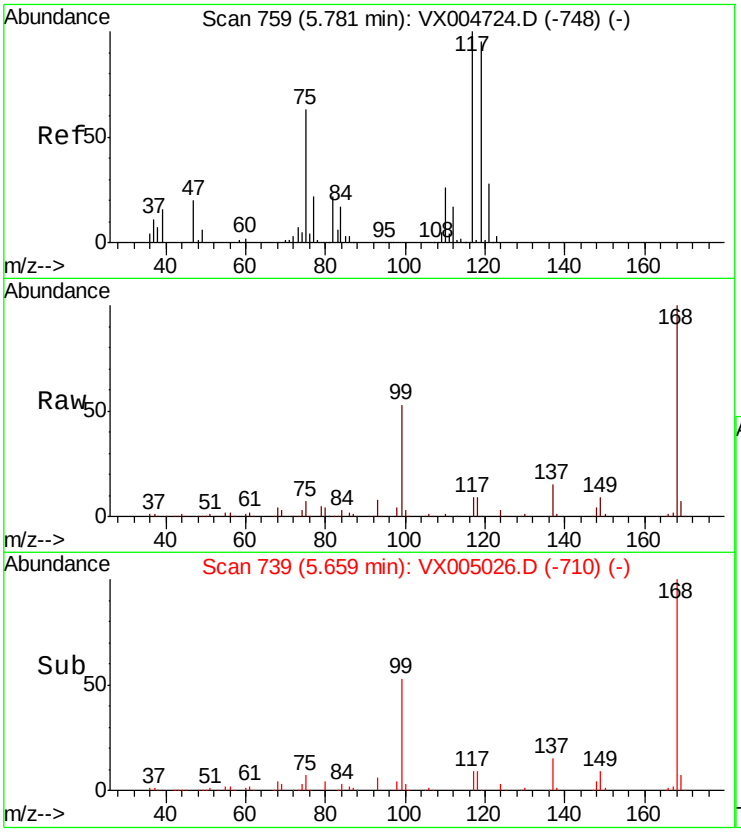


#36
1,1-Dichloropropene
Concen: 3.593 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.13 min
Lab File: VX005026.D
Acq: 04 Oct 2018 18:41

Tgt Ion: 75 Resp: 16240

Ion	Ratio	Lower	Upper
75	100		
110	8.7	20.0	59.9#
77	0.0	27.1	40.7#



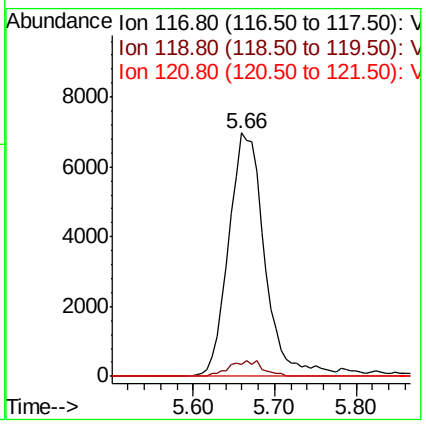


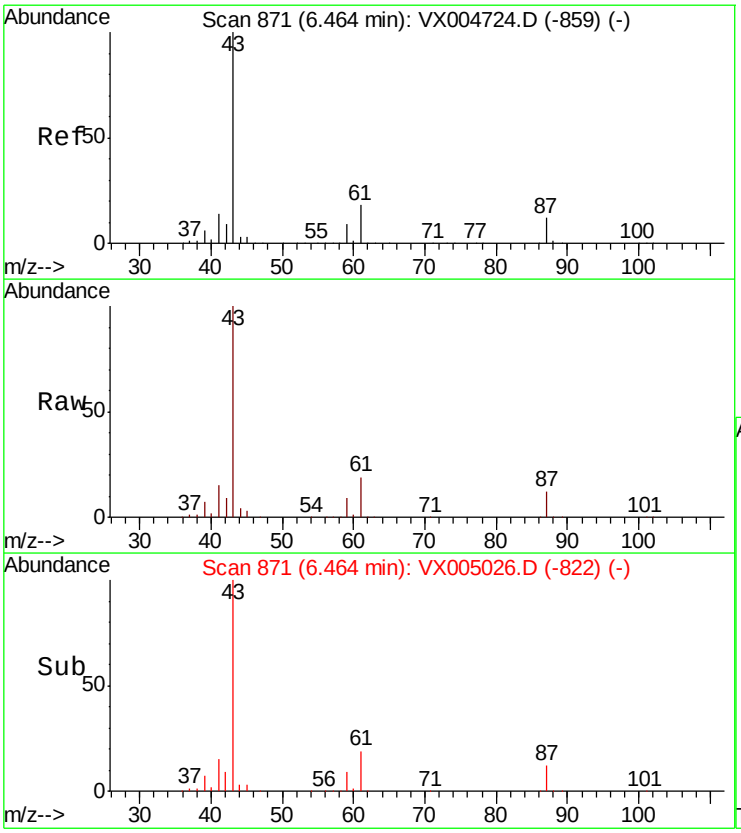
#38
Carbon Tetrachloride
Concen: 4.481 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.12 min
Lab File: VX005026.D
Acq: 04 Oct 2018 18:41

Instrument :
MSVOA_X
ClientSampleId :
SU-04-100318-A

Tgt Ion:117 Resp: 21288

Ion	Ratio	Lower	Upper
117	100		
119	5.2	75.2	112.8#
121	0.0	22.5	33.7#

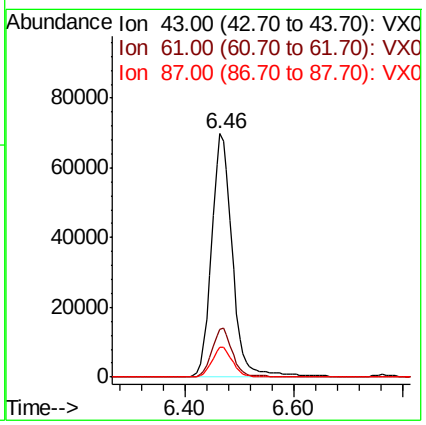


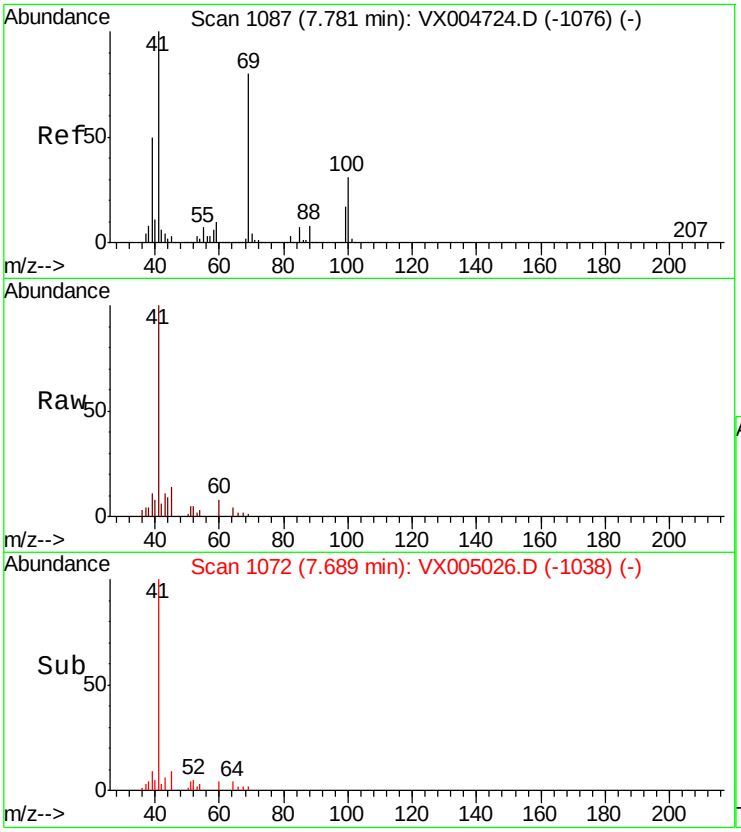


#43
Isopropyl Acetate
Concen: 21.388 ug/l
RT: 6.46 min Scan# 871
Delta R.T. 0.00 min
Lab File: VX005026.D
Acq: 04 Oct 2018 18:41

Tgt Ion: 43 Resp: 185190

Ion	Ratio	Lower	Upper
43	100		
61	19.6	14.2	21.4
87	12.3	9.3	13.9



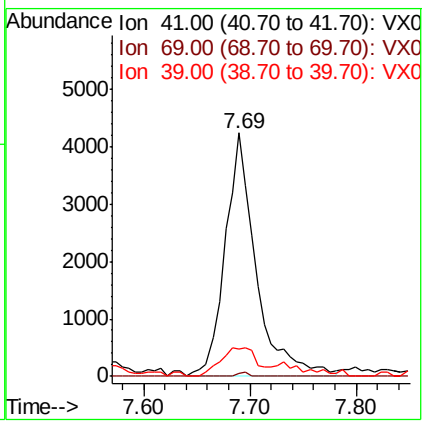


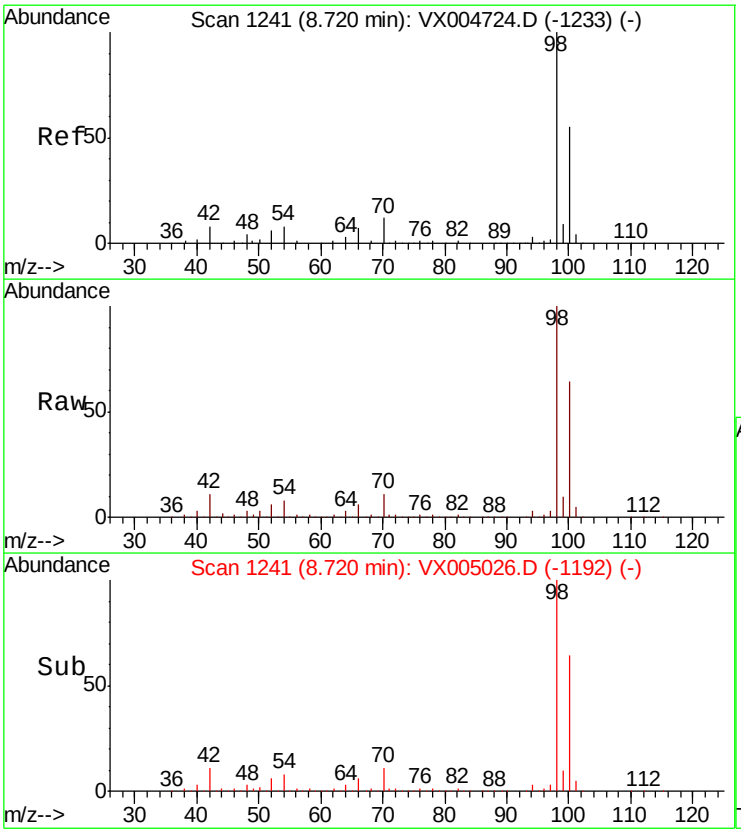
#48
Methyl methacrylate
Concen: 2.199 ug/l
RT: 7.69 min Scan# 1072
Delta R.T. -0.09 min
Lab File: VX005026.D
Acq: 04 Oct 2018 18:41

Instrument :
MSVOA_X
ClientSampleId :
SU-04-100318-A

Tgt Ion: 41 Resp: 8642

Ion	Ratio	Lower	Upper
41	100		
69	0.5	63.8	95.6#
39	13.4	40.7	61.1#

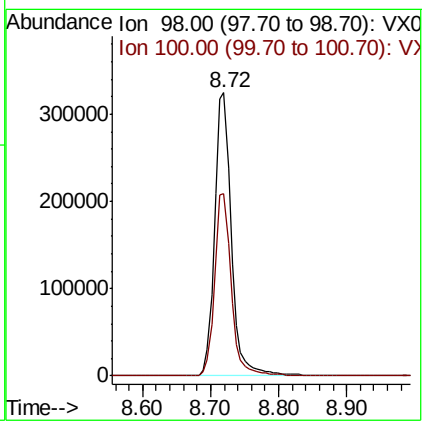


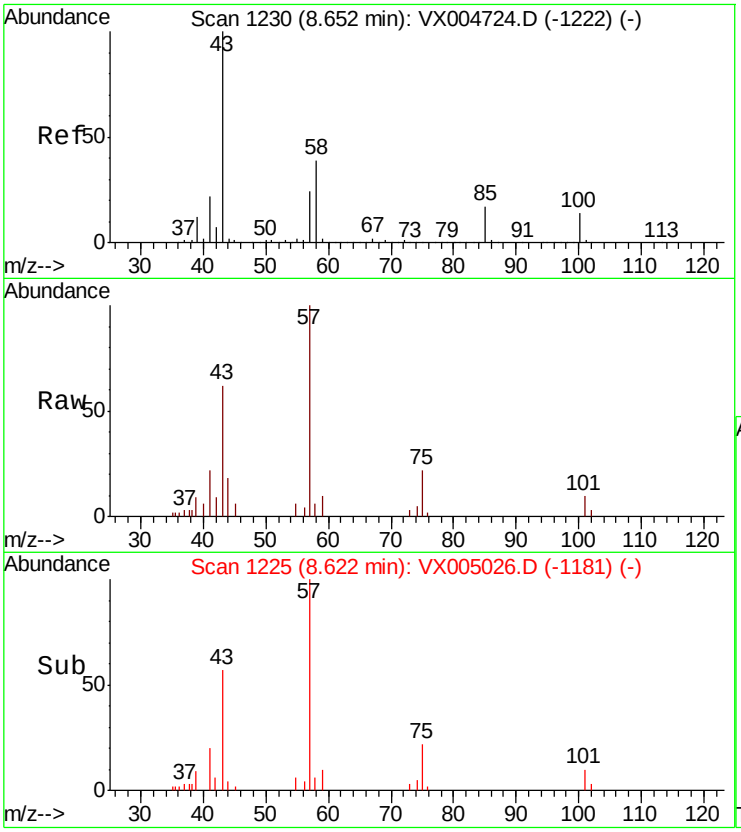


#50
Toluene-d8
Concen: 50.436 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. 0.00 min
Lab File: VX005026.D
Acq: 04 Oct 2018 18:41

Tgt Ion: 98 Resp: 555393

Ion	Ratio	Lower	Upper
98	100		
100	64.2	51.9	77.9



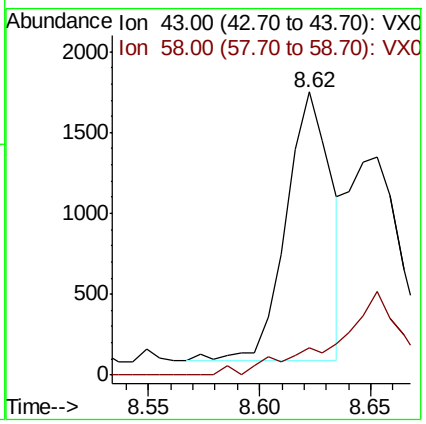


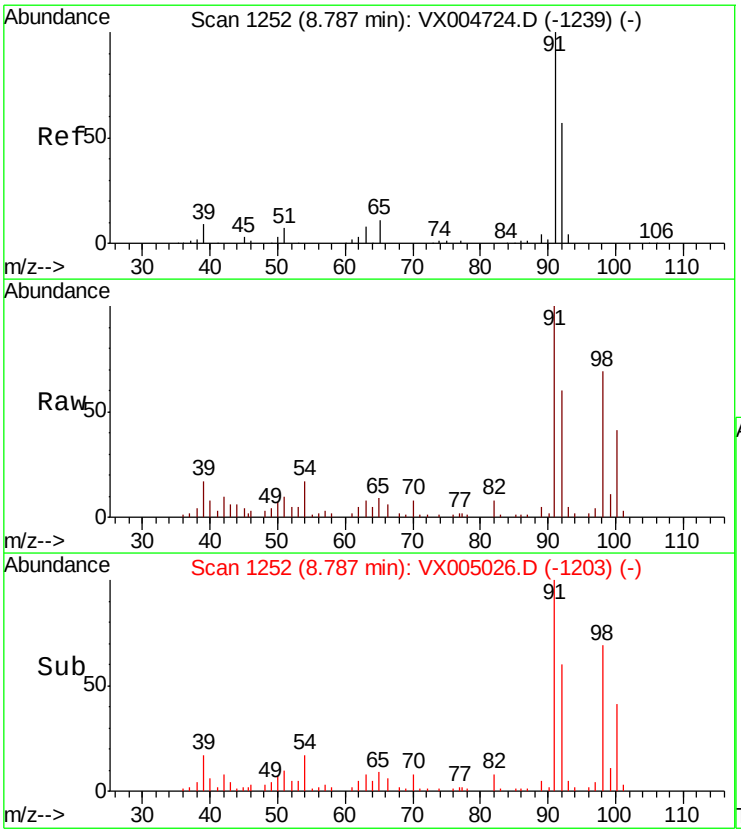
#51
4-Methyl-2-Pentanone
Concen: 0.434 ug/l
RT: 8.62 min Scan# 1225
Delta R.T. -0.03 min
Lab File: VX005026.D
Acq: 04 Oct 2018 18:41

Instrument : MSVOA_X
ClientSampleId : SU-04-100318-A

Tgt Ion: 43 Resp: 2364

Ion	Ratio	Lower	Upper
43	100		
58	0.0	30.5	45.7#

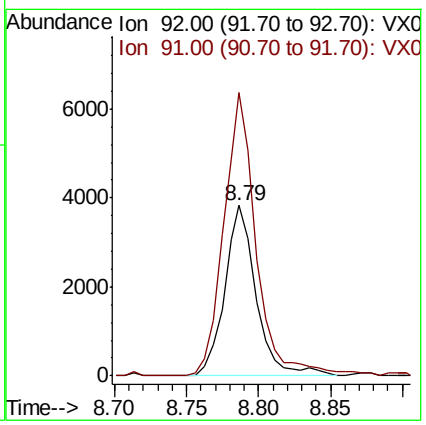


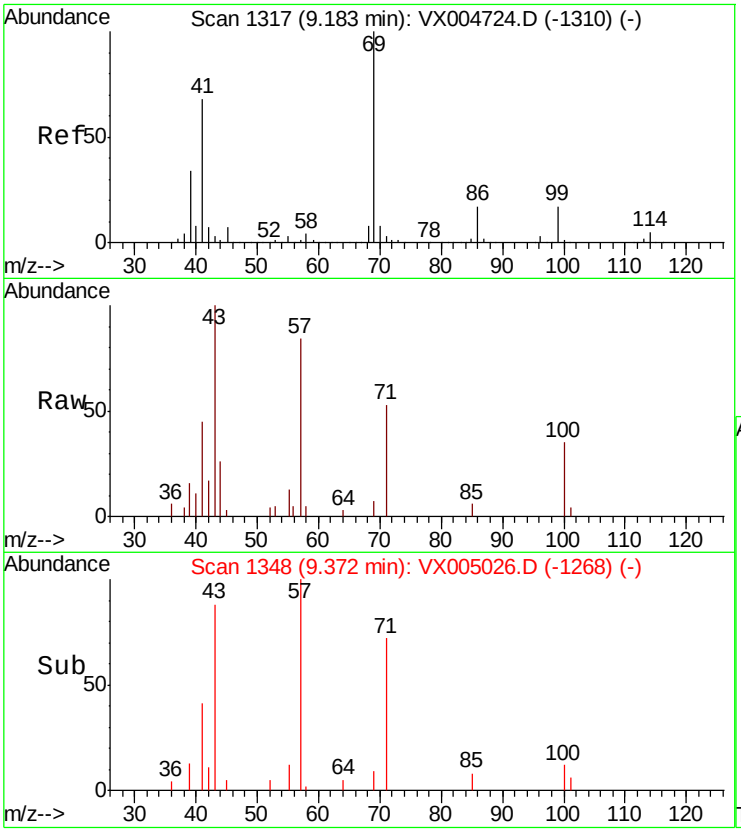


#52
Toluene
Concen: 0.755 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. 0.00 min
Lab File: VX005026.D
Acq: 04 Oct 2018 18:41

Tgt Ion: 92 Resp: 5868

Ion	Ratio	Lower	Upper
92	100		
91	171.4	136.7	205.1



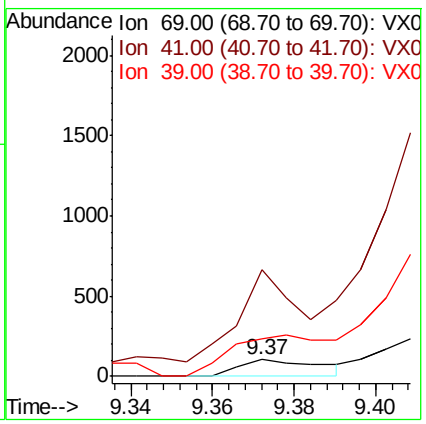


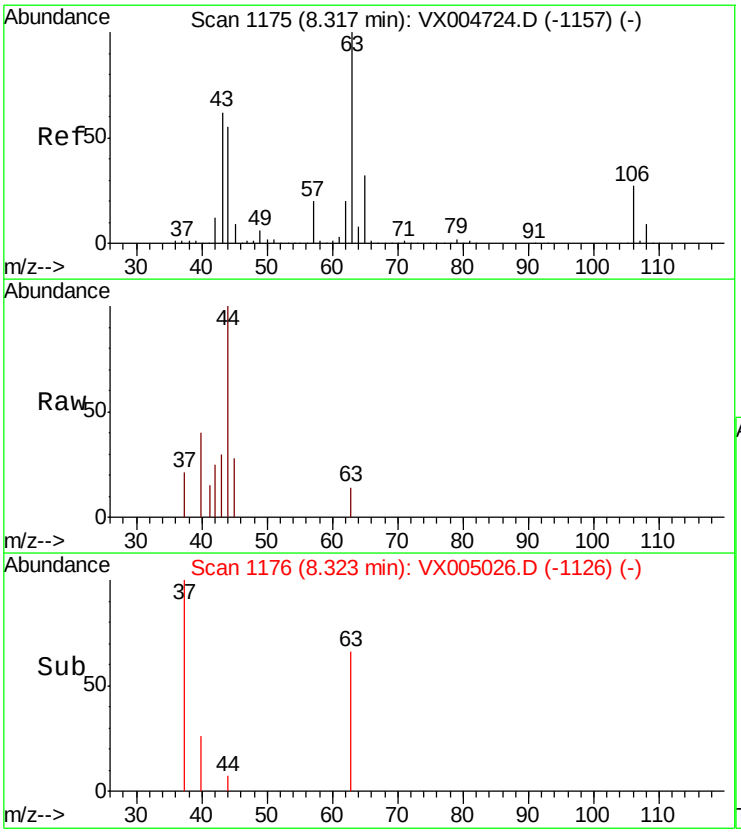
#56
Ethyl methacrylate
Concen: 2.886 ug/l
RT: 9.37 min Scan# 1348
Delta R.T. 0.19 min
Lab File: VX005026.D
Acq: 04 Oct 2018 18:41

Instrument :
MSVOA_X
ClientSampleId :
SU-04-100318-A

Tgt Ion: 69 Resp: 142

Ion	Ratio	Lower	Upper
69	100		
41	404.9	56.9	85.3#
39	0.0	28.4	42.6#

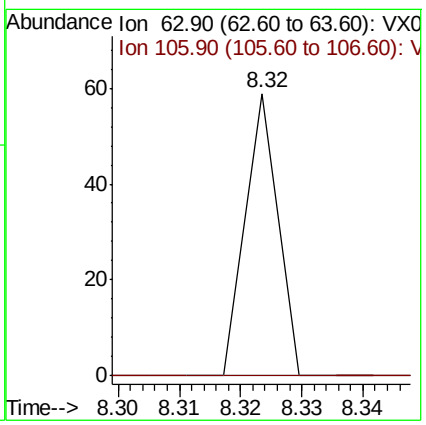


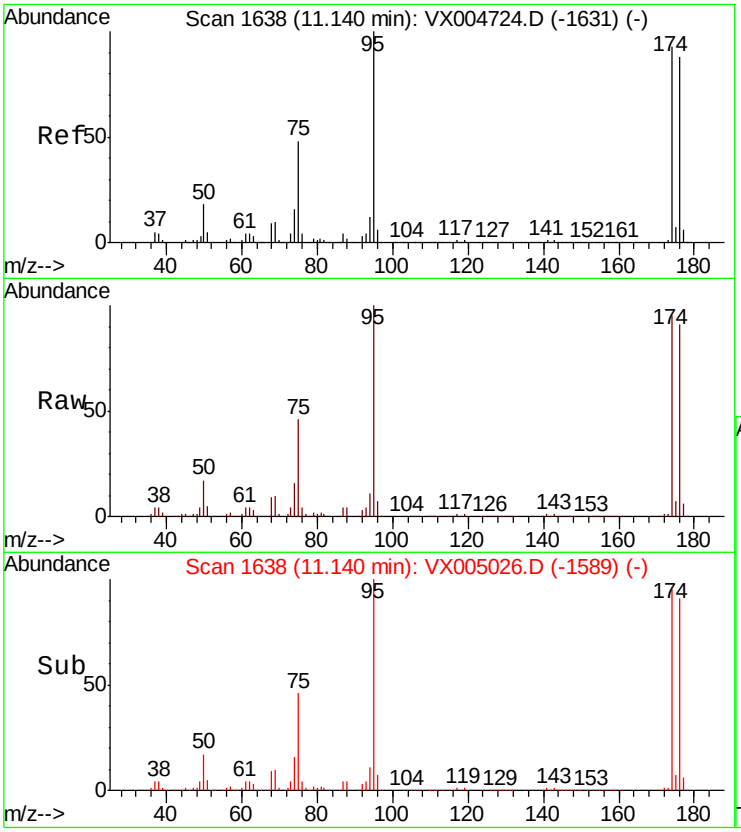


#58
2-Chloroethyl Vinyl ether
Concen: 14.249 ug/l
RT: 8.32 min Scan# 1176
Delta R.T. 0.01 min
Lab File: VX005026.D
Acq: 04 Oct 2018 18:41

Tgt Ion: 63 Resp: 22

Ion	Ratio	Lower	Upper
63	100		
106	0.0	21.0	31.6#



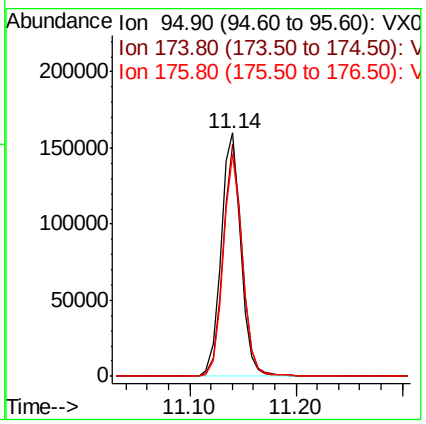


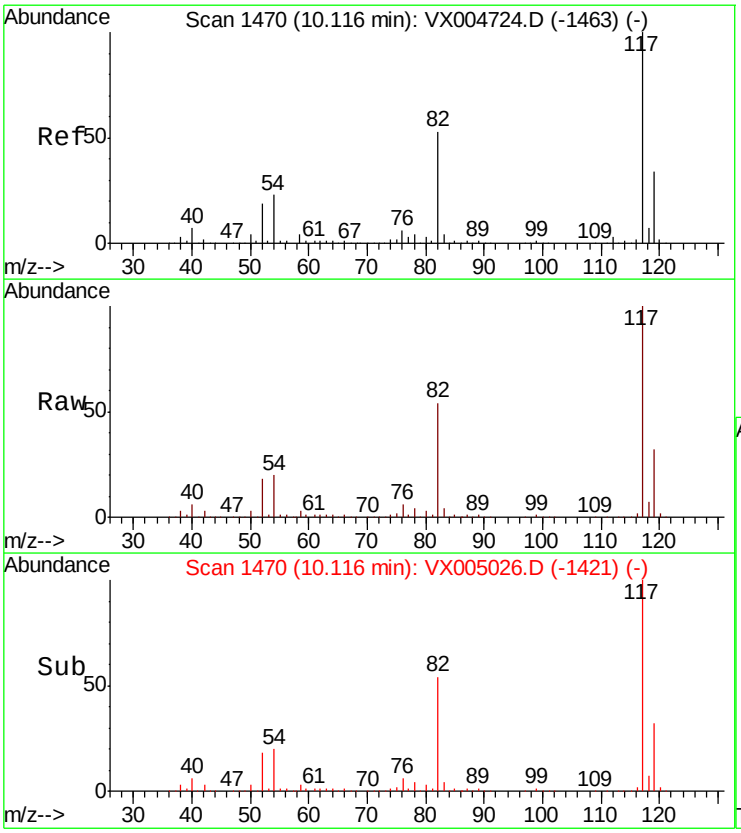
#62
4-Bromofluorobenzene
Concen: 52.406 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.00 min
Lab File: VX005026.D
Acq: 04 Oct 2018 18:41

Instrument :
MSVOA_X
ClientSampleId :
SU-04-100318-A

Tgt Ion: 95 Resp: 207901

Ion	Ratio	Lower	Upper
95	100		
174	92.7	0.0	185.0
176	89.1	0.0	180.2

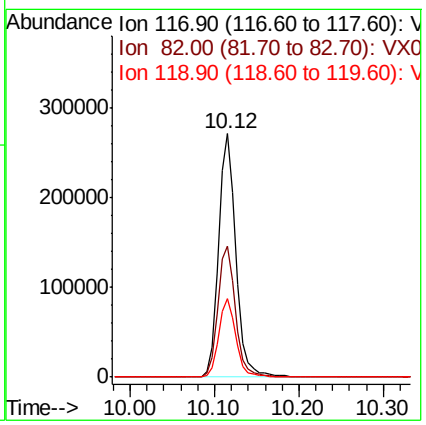


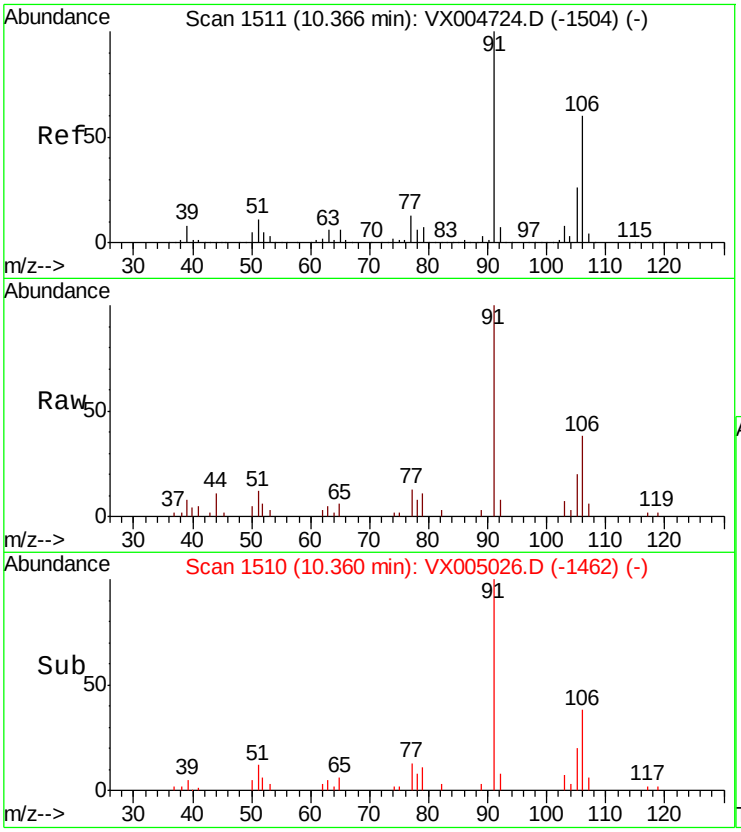


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX005026.D
Acq: 04 Oct 2018 18:41

Tgt Ion:117 Resp: 385407

Ion	Ratio	Lower	Upper
117	100		
82	54.0	42.2	63.4
119	32.1	27.4	41.0



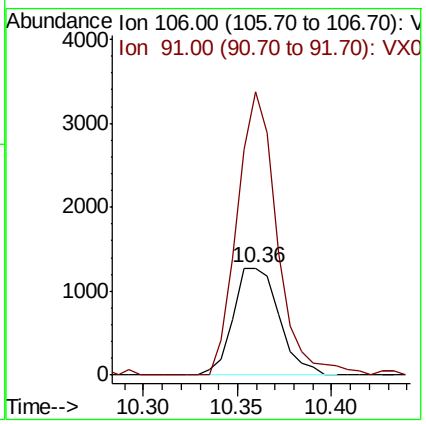


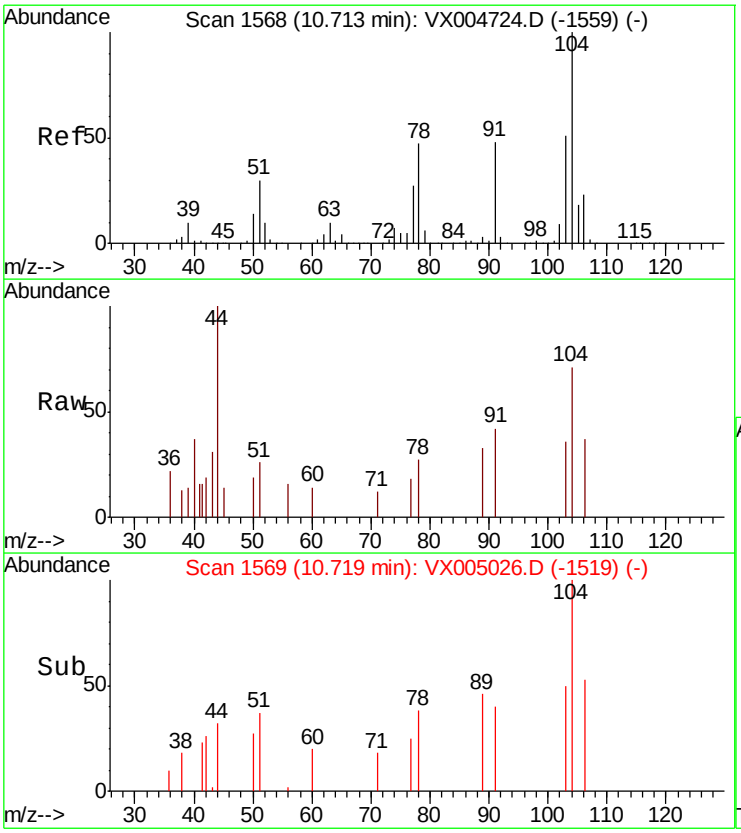
#68
m/p-Xylenes
Concen: 0.350 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.01 min
Lab File: VX005026.D
Acq: 04 Oct 2018 18:41

Instrument :
MSVOA_X
ClientSampleId :
SU-04-100318-A

Tgt Ion:106 Resp: 2149

Ion	Ratio	Lower	Upper
106	100		
91	231.1	157.5	236.3

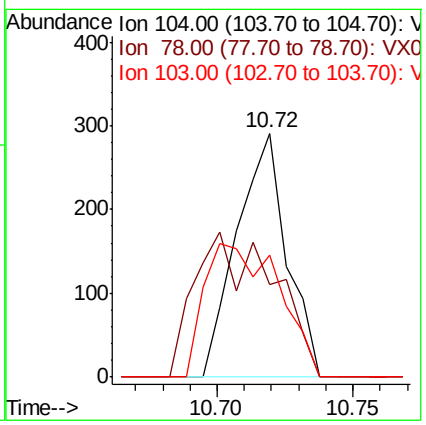


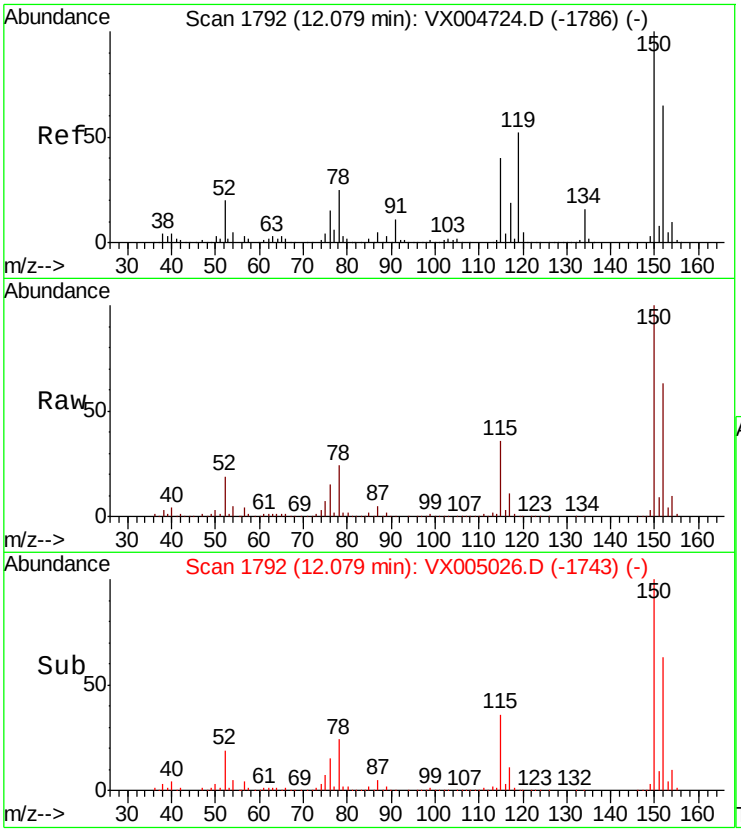


#70
Styrene
Concen: 2.174 ug/l
RT: 10.72 min Scan# 1569
Delta R.T. 0.01 min
Lab File: VX005026.D
Acq: 04 Oct 2018 18:41

Tgt Ion:104 Resp: 369

Ion	Ratio	Lower	Upper
104	100		
78	93.8	40.0	60.0#
103	81.6	44.3	66.5#



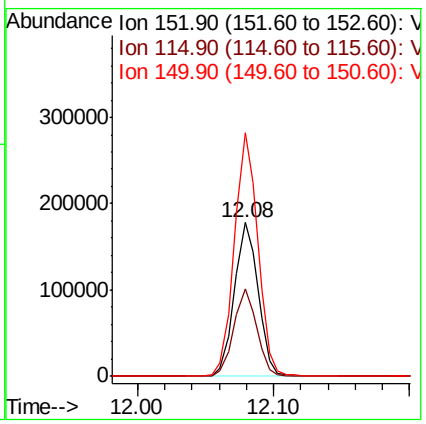


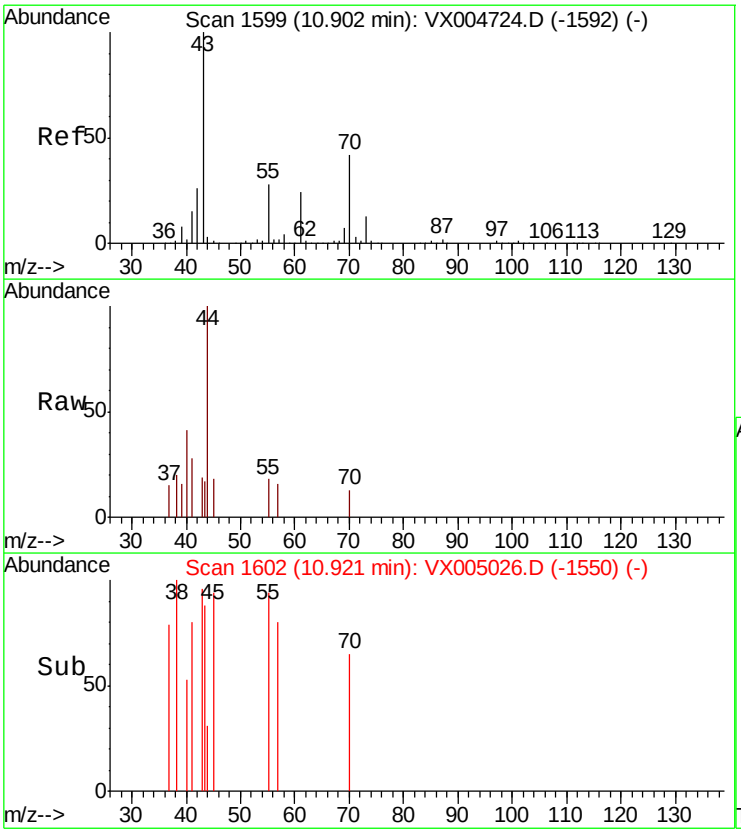
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX005026.D
Acq: 04 Oct 2018 18:41

Instrument :
MSVOA_X
ClientSampleId :
SU-04-100318-A

Tgt Ion:152 Resp: 216384

Ion	Ratio	Lower	Upper
152	100		
115	55.3	40.2	120.6
150	156.1	0.0	351.0

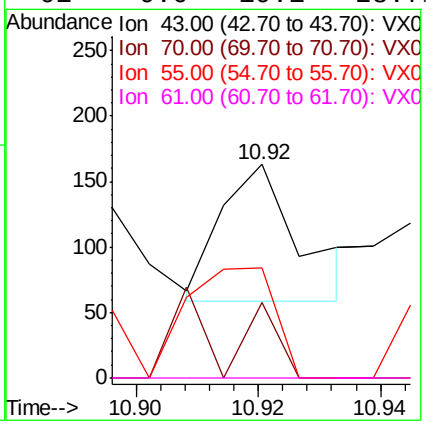


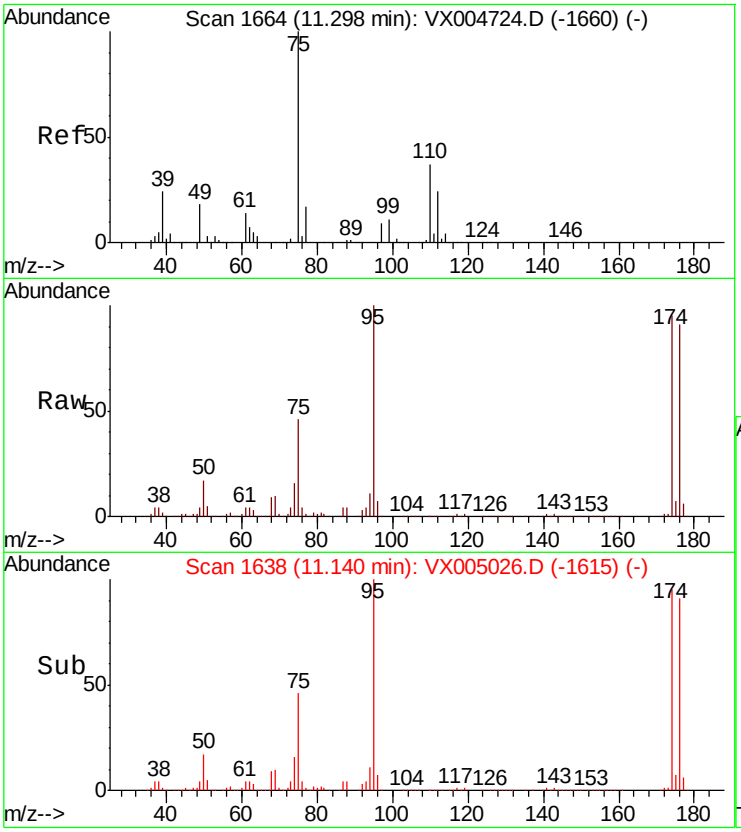


#74
N-amyl acetate
Concen: 1.760 ug/l
RT: 10.92 min Scan# 1602
Delta R.T. 0.02 min
Lab File: VX005026.D
Acq: 04 Oct 2018 18:41

Tgt Ion: 43 Resp: 92

Ion	Ratio	Lower	Upper
43	100		
70	0.0	32.6	48.8#
55	112.0	21.6	32.4#
61	0.0	19.1	28.7#



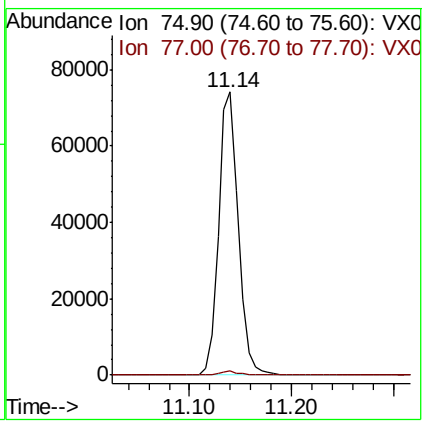


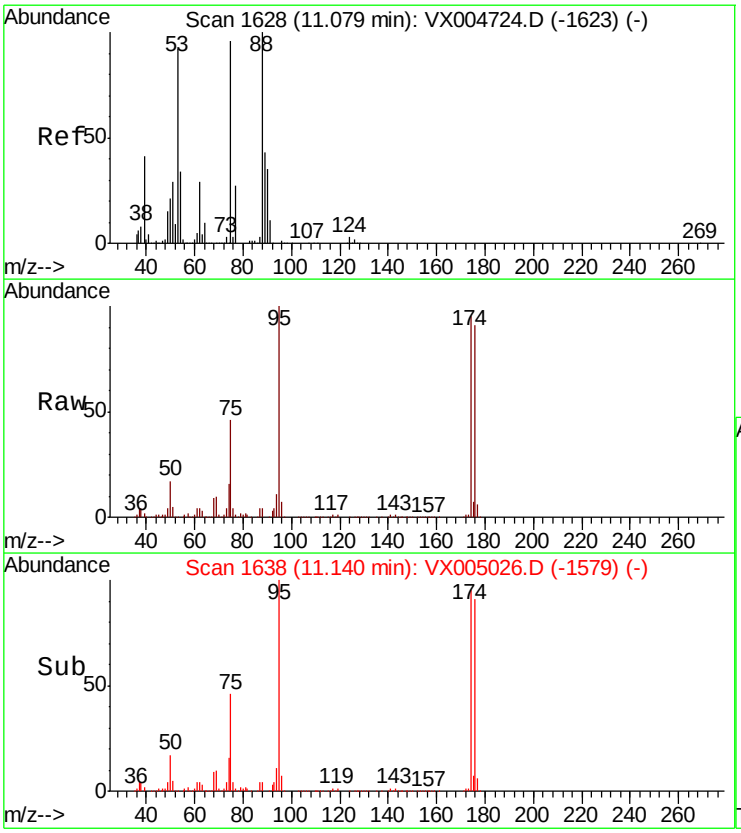
#76
1,2,3-Trichloropropane
Concen: 20.590 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.16 min
Lab File: VX005026.D
Acq: 04 Oct 2018 18:41

Instrument :
MSVOA_X
ClientSampleId :
SU-04-100318-A

Tgt Ion: 75 Resp: 99859

Ion	Ratio	Lower	Upper
75	100		
77	1.5	21.4	64.3#

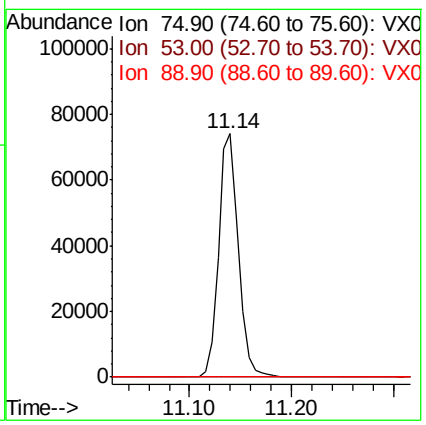


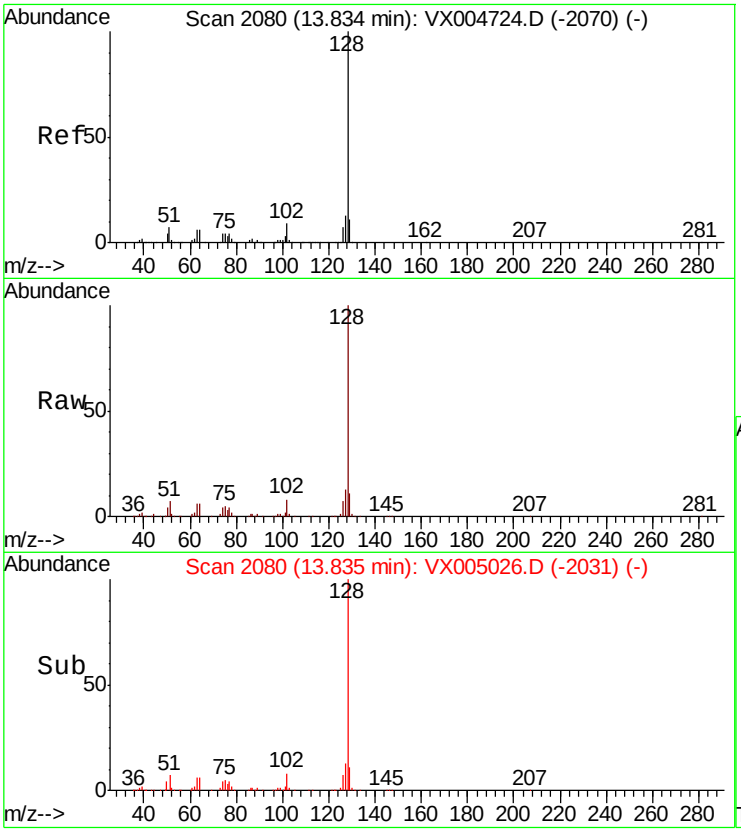


#81
trans-1,4-Dichloro-2-butene
Concen: 55.911 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.06 min
Lab File: VX005026.D
Acq: 04 Oct 2018 18:41

Tgt Ion: 75 Resp: 99859

Ion	Ratio	Lower	Upper
75	100		
53	0.2	80.2	120.4#
89	0.0	37.1	55.7#





#95
Naphthalene
Concen: 4.912 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX005026.D
Acq: 04 Oct 2018 18:41

Instrument :
MSVOA_X
ClientSampleId :
SU-04-100318-A

Tgt Ion:128 Resp: 76565

Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.4	15.6
129	11.3	8.7	13.1