Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100318\
Data File : VX004937.D
Acq On : 02 Oct 2018 23:29
Operator : JC/MD
Sample : J4780-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : TR-04-092818

Quant Time: Oct 03 04:45:53 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	196571	50.00 ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	330638	50.00 ug/l	0.00
63) Chlorobenzene-d5	10.12	117	330876	50.00 ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	179387	50.00 ug/l	0.00
System Monitoring Compounds					
33) 1,2-Dichloroethane-d4	6.07	65	163311	58.16 ug/l	0.00
Spiked Amount 50.000			Recovery = 116.32%		
35) Dibromofluoromethane	5.51	113	133555	47.66 ug/l	0.00
Spiked Amount 50.000			Recovery = 95.32%		
50) Toluene-d8	8.72	98	482029	51.74 ug/l	0.00
Spiked Amount 50.000			Recovery = 103.48%		
62) 4-Bromofluorobenzene	11.14	95	171225	51.02 ug/l	0.00
Spiked Amount 50.000			Recovery = 102.04%		
Target Compounds					Qvalue
3) Chloromethane	1.32	50	664	0.204 ug/l	89
6) Chloroethane	1.70	64	66	Below Cal #	1
8) Diethyl Ether	2.20	74	422	0.257 ug/l	70
11) Tert butyl alcohol	3.02	59	5822	7.415 ug/l #	74
13) Acrolein	2.31	56	169	0.303 ug/l #	10
14) Allyl chloride	2.85	41	54835	11.799 ug/l #	32
16) Acetone	2.45	43	70545	43.032 ug/l	94
18) Methyl Acetate	2.78	43	11804	2.842 ug/l	98
20) Methylene Chloride	2.85	84	1201318	511.747 ug/l	88
25) 2-Butanone	4.71	43	5787	2.395 ug/l	90
29) Tetrahydrofuran	5.17	42	2200	1.465 ug/l #	85
30) Chloroform	5.21	83	3751	0.850 ug/l #	80
31) Cyclohexane	5.66	56	3732	1.045 ug/l #	3
36) 1,1-Dichloropropene	5.67	75	13927	3.643 ug/l #	46
38) Carbon Tetrachloride	5.67	117	17809	4.431 ug/l #	19
43) Isopropyl Acetate	6.46	43	137774	18.809 ug/l	98
47) Bromodichloromethane	7.90	83	1249	0.362 ug/l #	84
48) Methyl methacrylate	7.69	41	5292	1.592 ug/l #	26
51) 4-Methyl-2-Pentanone	8.65	43	1184	0.257 ug/l #	74
54) cis-1,3-Dichloropropene	8.62	75	1000	0.245 ug/l #	74
56) Ethyl methacrylate	9.38	69	159	2.894 ug/l #	1
58) 2-Chloroethyl Vinyl ether	8.32	63	20	14.250 ug/l #	49
70) Styrene	10.71	104	216	2.163 ug/l #	70
74) N-amyl acetate	10.90	43	289	1.793 ug/l #	43
76) 1,2,3-Trichloropropane	11.14	75	83717	20.821 ug/l #	35
80) 1,3,5-Trimethylbenzene	11.51	105	1064	Below Cal	89
81) trans-1,4-Dichloro-2-buten	11.14	75	83717	56.518 ug/l #	10
84) 1,2,4-Trimethylbenzene	11.81	105	1536	Below Cal	92
95) Naphthalene	13.83	128	20605	2.081 ug/l	100

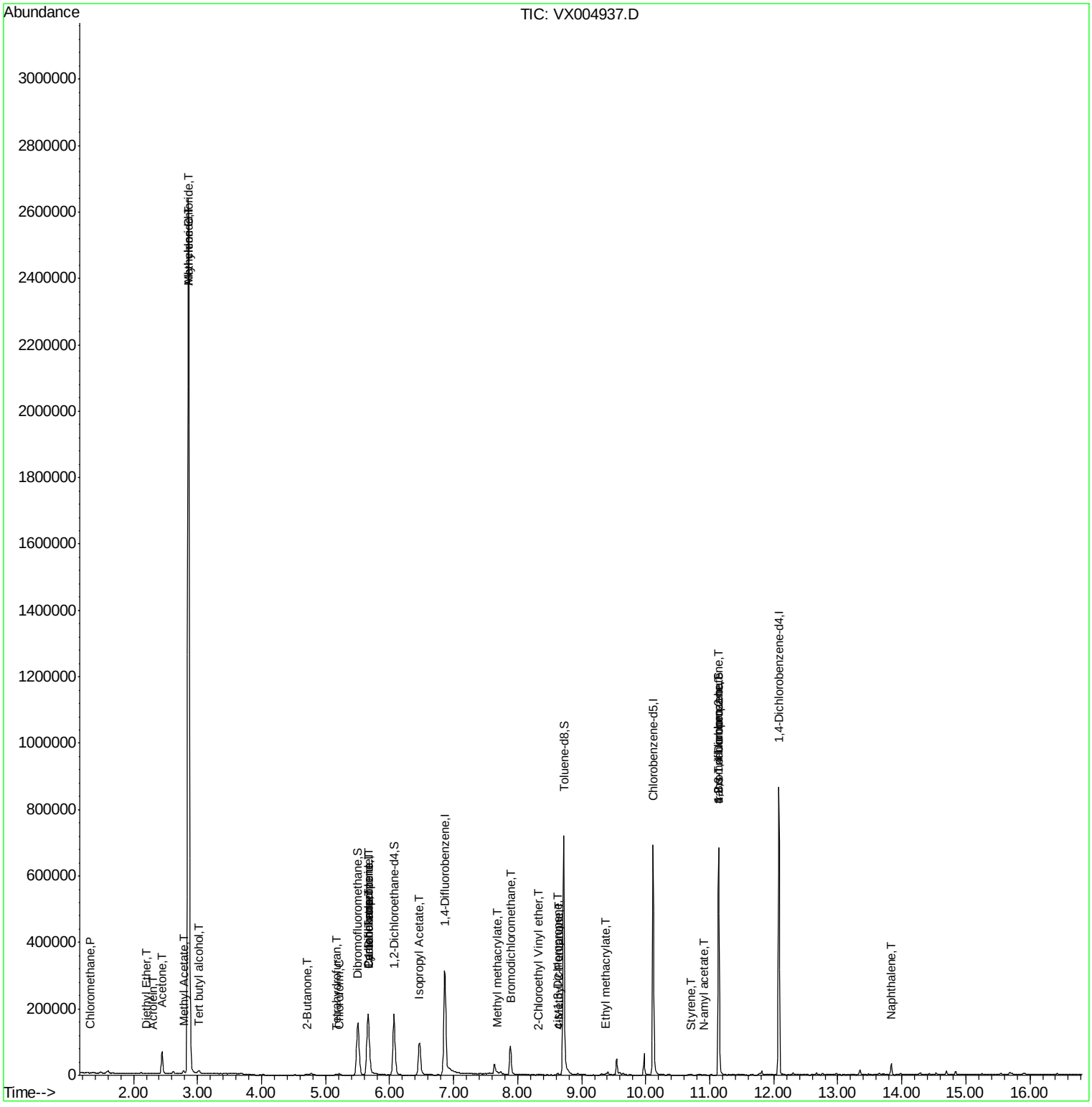
(#) = qualifier out of range (m) = manual integration (+) = signals summed

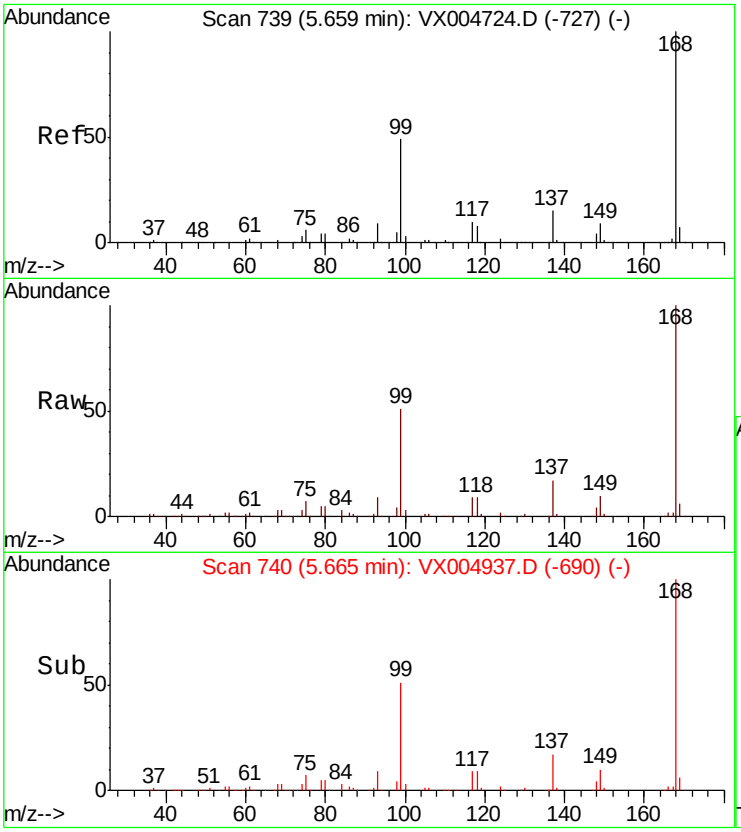
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100318\
Data File : VX004937.D
Acq On : 02 Oct 2018 23:29
Operator : JC/MD
Sample : J4780-04
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TR-04-092818

Quant Time: Oct 03 04:45:53 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



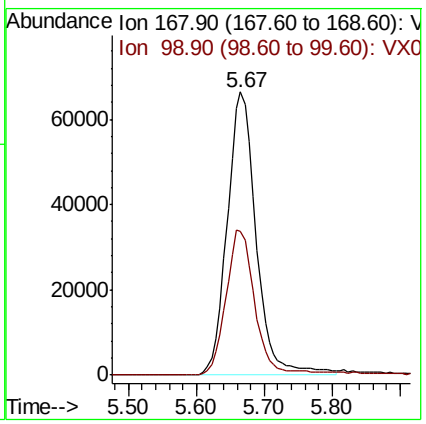


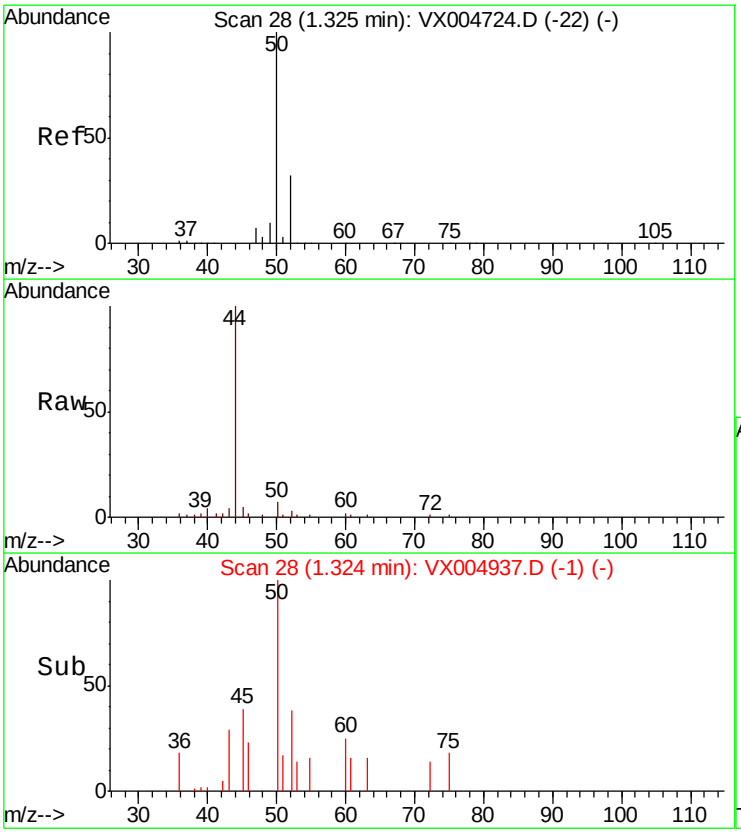
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.01 min
Lab File: VX004937.D
Acq: 02 Oct 2018 23:29

Instrument :
MSVOA_X
ClientSampleId :
TR-04-092818

Tgt Ion:168 Resp: 196571

Ion	Ratio	Lower	Upper
168	100		
99	50.7	39.3	58.9

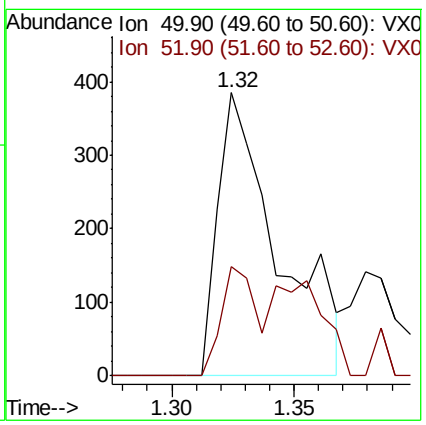


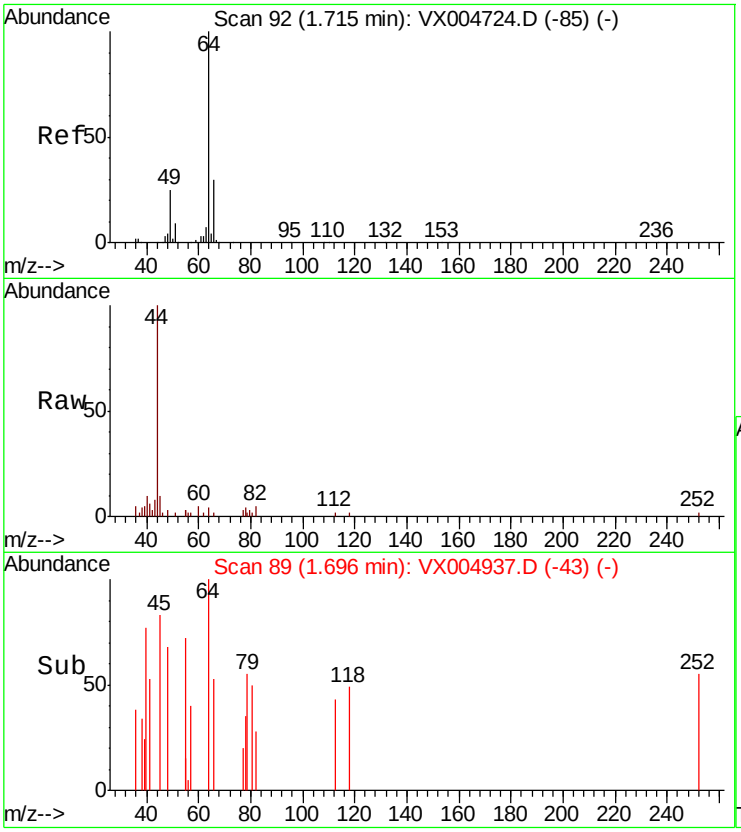


#3
Chloromethane
Concen: 0.204 ug/l
RT: 1.32 min Scan# 28
Delta R.T. -0.00 min
Lab File: VX004937.D
Acq: 02 Oct 2018 23:29

Tgt Ion: 50 Resp: 664

Ion	Ratio	Lower	Upper
50	100		
52	38.4	25.8	38.6



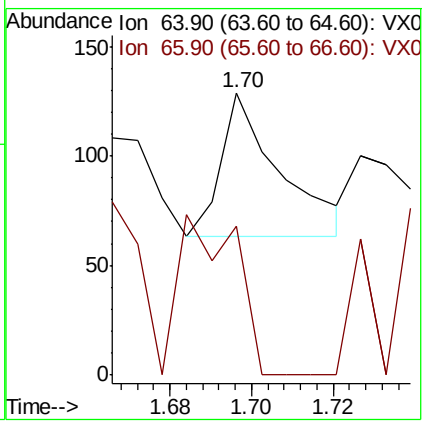


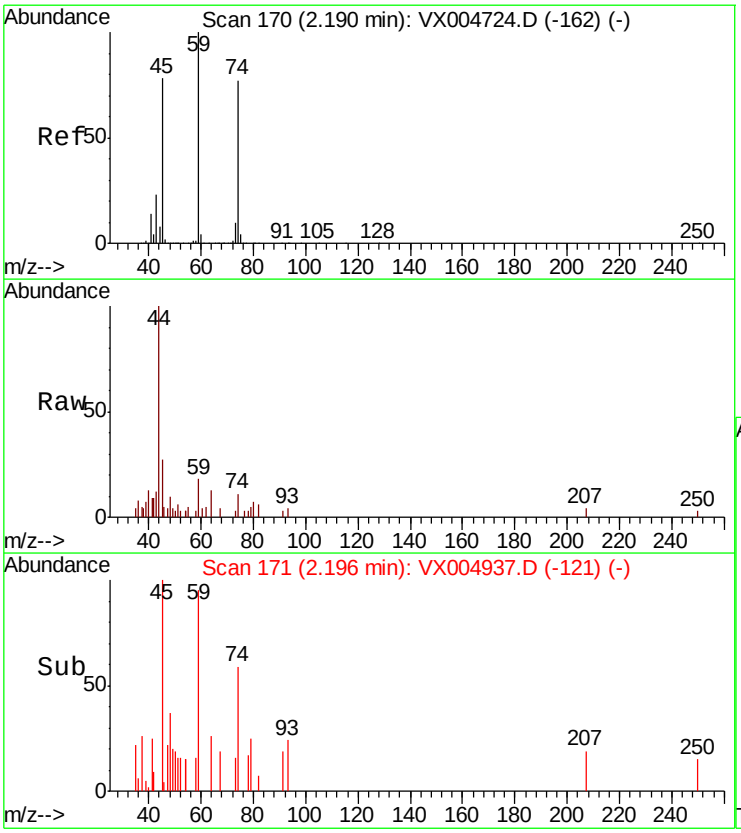
#6
Chloroethane
Concen: Below Cal
RT: 1.70 min Scan# 89
Delta R.T. -0.02 min
Lab File: VX004937.D
Acq: 02 Oct 2018 23:29

Instrument :
MSVOA_X
ClientSampleId :
TR-04-092818

Tgt Ion: 64 Resp: 66

Ion	Ratio	Lower	Upper
64	100		
66	103.0	23.8	35.6#

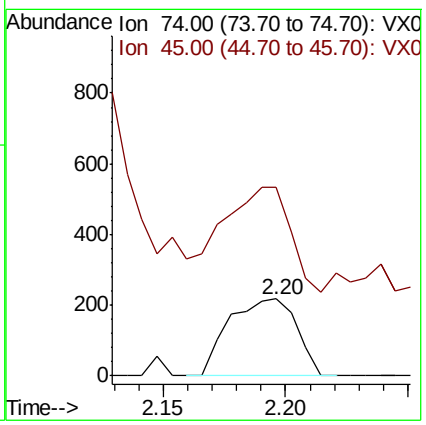


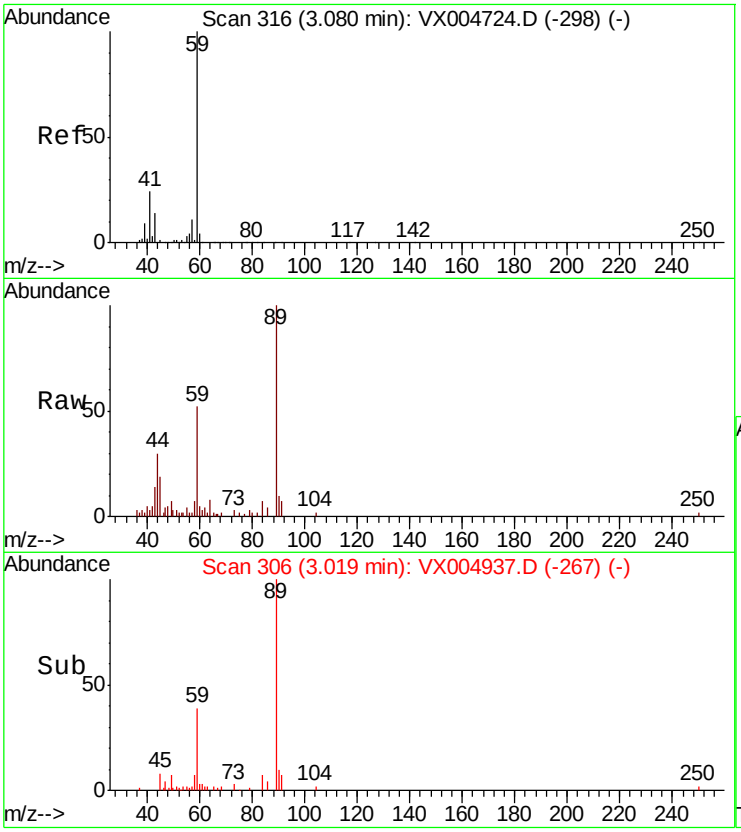


#8
Diethyl Ether
Concen: 0.257 ug/l
RT: 2.20 min Scan# 171
Delta R.T. 0.01 min
Lab File: VX004937.D
Acq: 02 Oct 2018 23:29

Tgt Ion: 74 Resp: 422

Ion	Ratio	Lower	Upper
74	100		
45	136.0	52.5	157.6



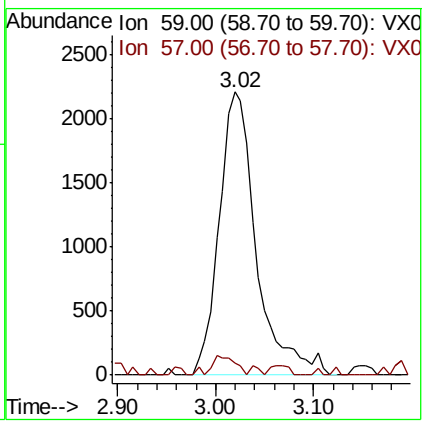


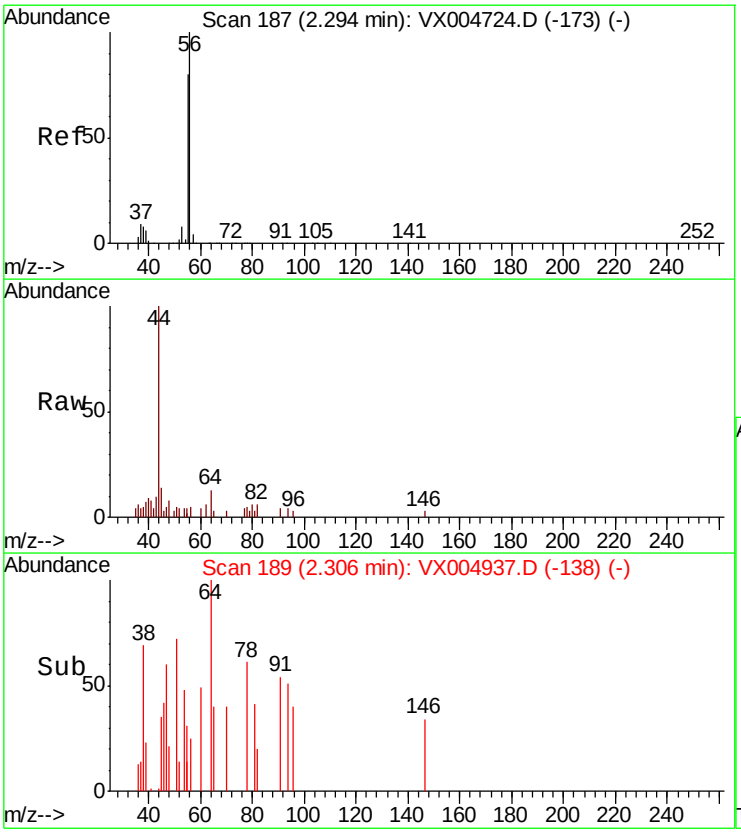
#11
Tert butyl alcohol
Concen: 7.415 ug/l
RT: 3.02 min Scan# 306
Delta R.T. -0.06 min
Lab File: VX004937.D
Acq: 02 Oct 2018 23:29

Instrument :
MSVOA_X
ClientSampleId :
TR-04-092818

Tgt Ion: 59 Resp: 5822

Ion	Ratio	Lower	Upper
59	100		
57	0.8	8.6	12.8#

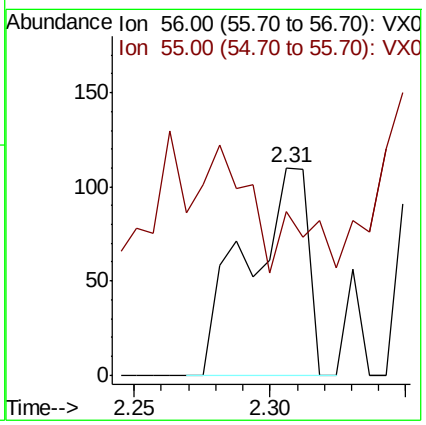


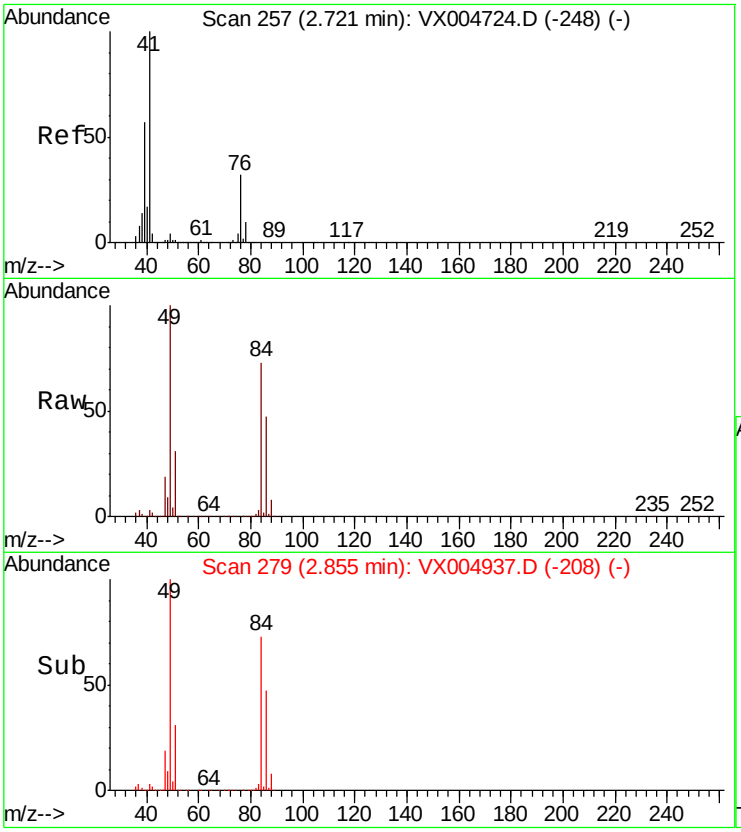


#13
Acrolein
Concen: 0.303 ug/l
RT: 2.31 min Scan# 189
Delta R.T. 0.01 min
Lab File: VX004937.D
Acq: 02 Oct 2018 23:29

Tgt Ion: 56 Resp: 169

Ion	Ratio	Lower	Upper
56	100		
55	0.0	63.4	95.2#



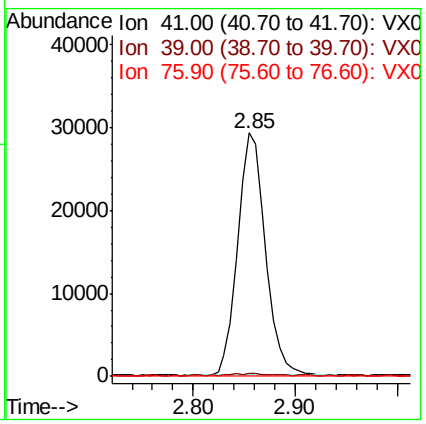


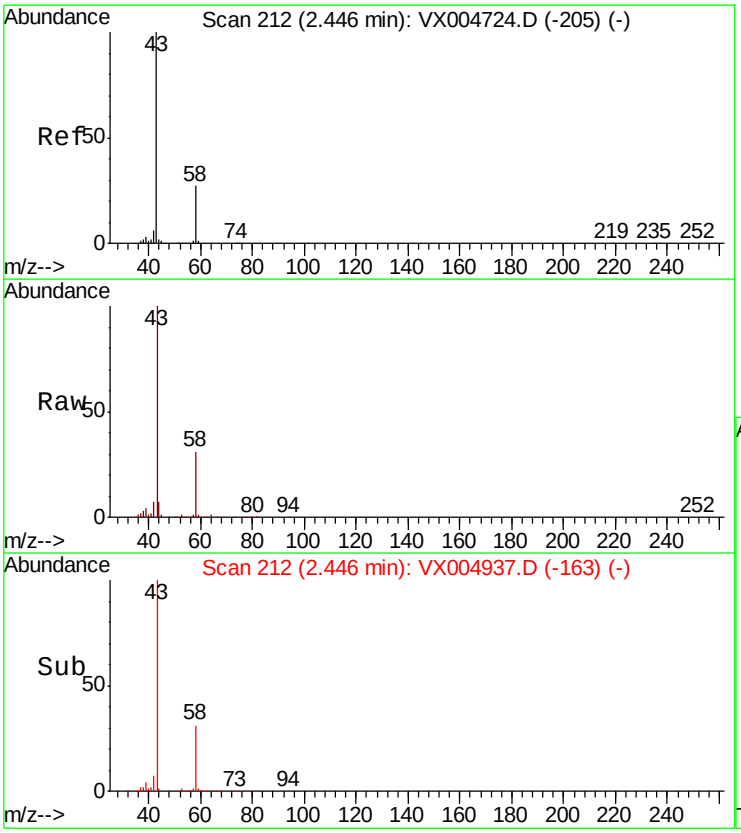
#14
Allyl chloride
Concen: 11.799 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.13 min
Lab File: VX004937.D
Acq: 02 Oct 2018 23:29

Instrument : MSVOA_X
ClientSampleId : TR-04-092818

Tgt Ion: 41 Resp: 54835

Ion	Ratio	Lower	Upper
41	100		
39	1.3	44.1	66.1#
76	0.0	25.0	37.4#

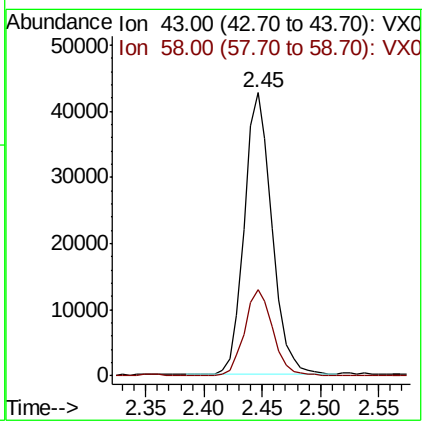


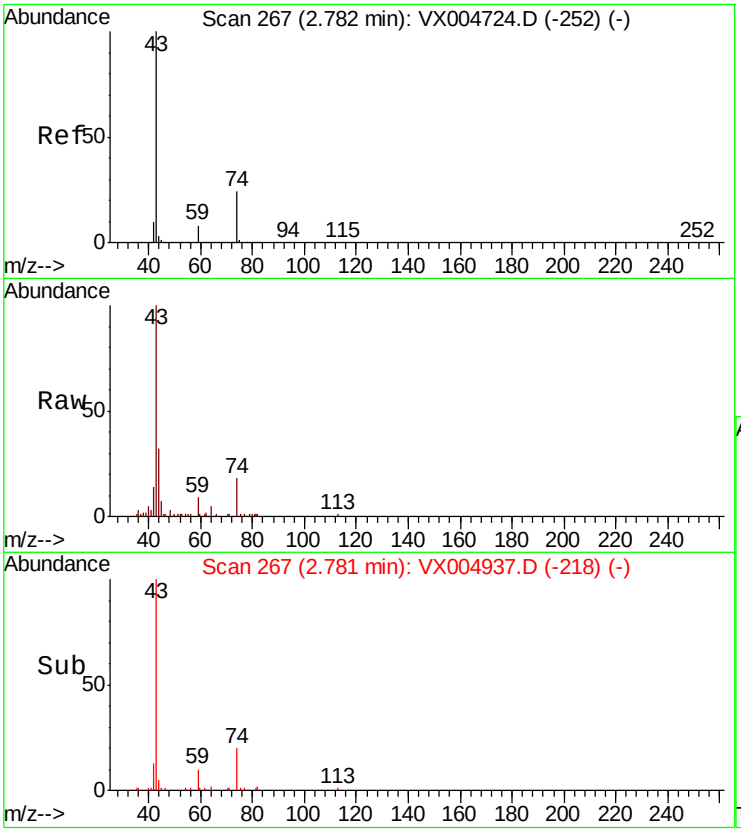


#16
Acetone
Concen: 43.032 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX004937.D
Acq: 02 Oct 2018 23:29

Tgt Ion: 43 Resp: 70545

Ion	Ratio	Lower	Upper
43	100		
58	30.5	21.8	32.6



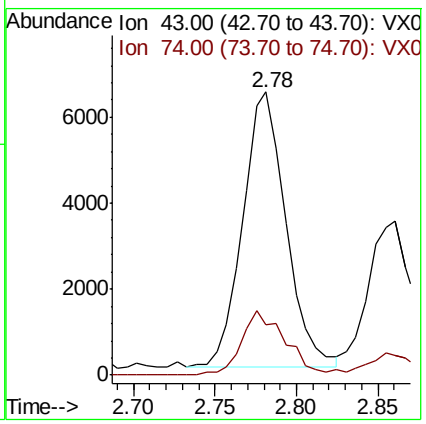


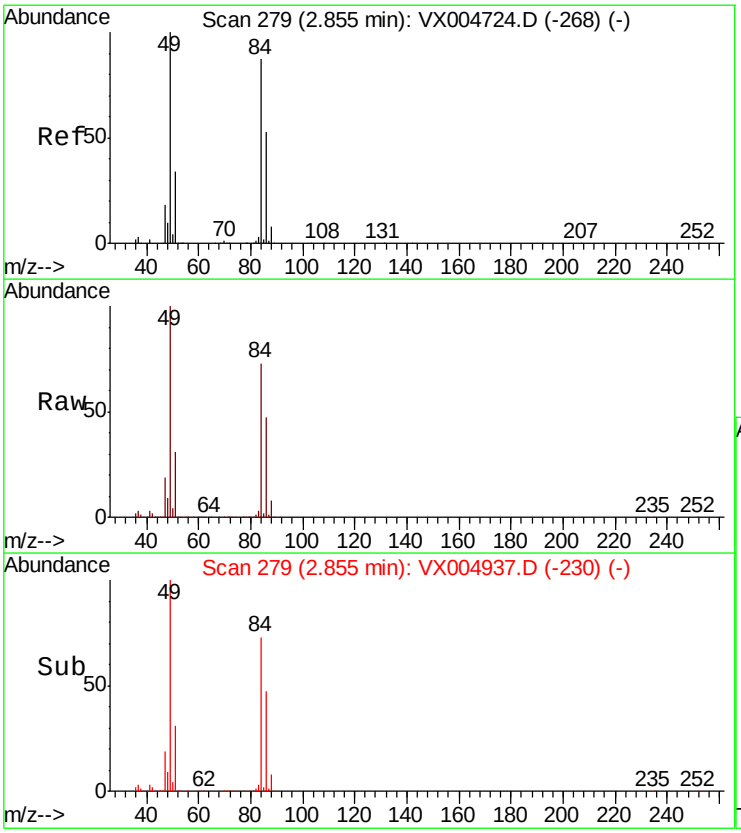
#18
Methyl Acetate
Concen: 2.842 ug/l
RT: 2.78 min Scan# 267
Delta R.T. -0.00 min
Lab File: VX004937.D
Acq: 02 Oct 2018 23:29

Instrument : MSVOA_X
ClientSampleId : TR-04-092818

Tgt Ion: 43 Resp: 11804

Ion	Ratio	Lower	Upper
43	100		
74	23.4	17.8	26.8

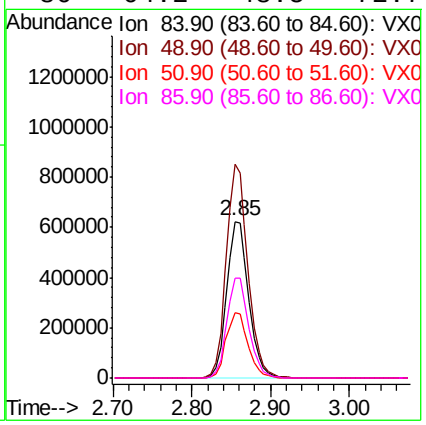


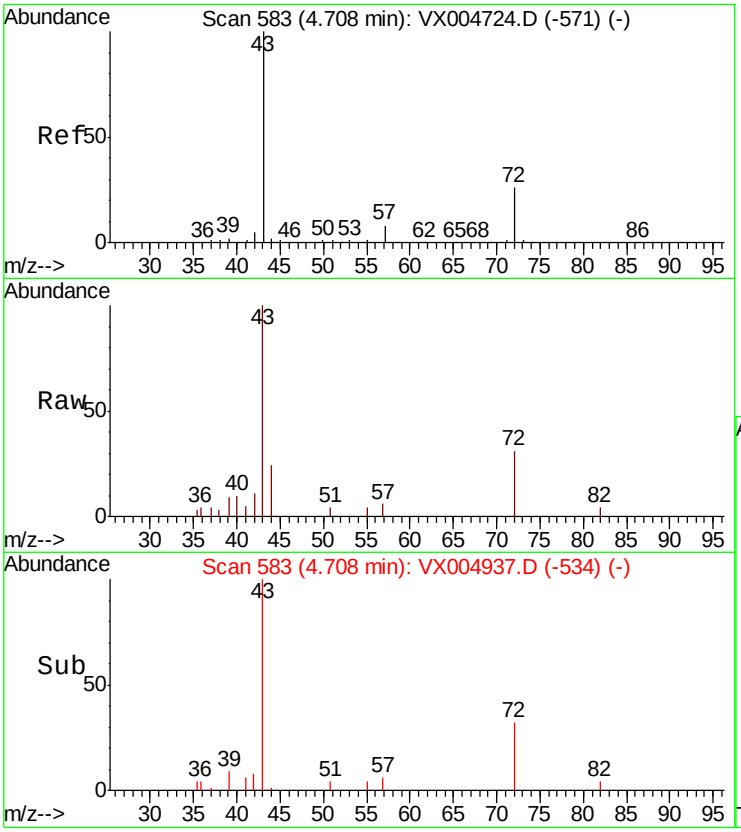


#20
Methylene Chloride
Concen: 511.747 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX004937.D
Acq: 02 Oct 2018 23:29

Tgt Ion: 84 Resp: 1201318

Ion	Ratio	Lower	Upper
84	100		
49	136.5	92.3	138.5
51	42.0	31.8	47.6
86	64.2	48.5	72.7



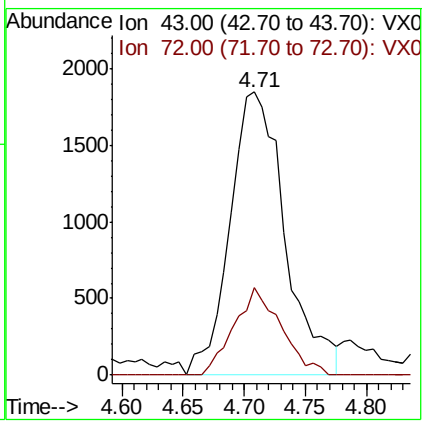


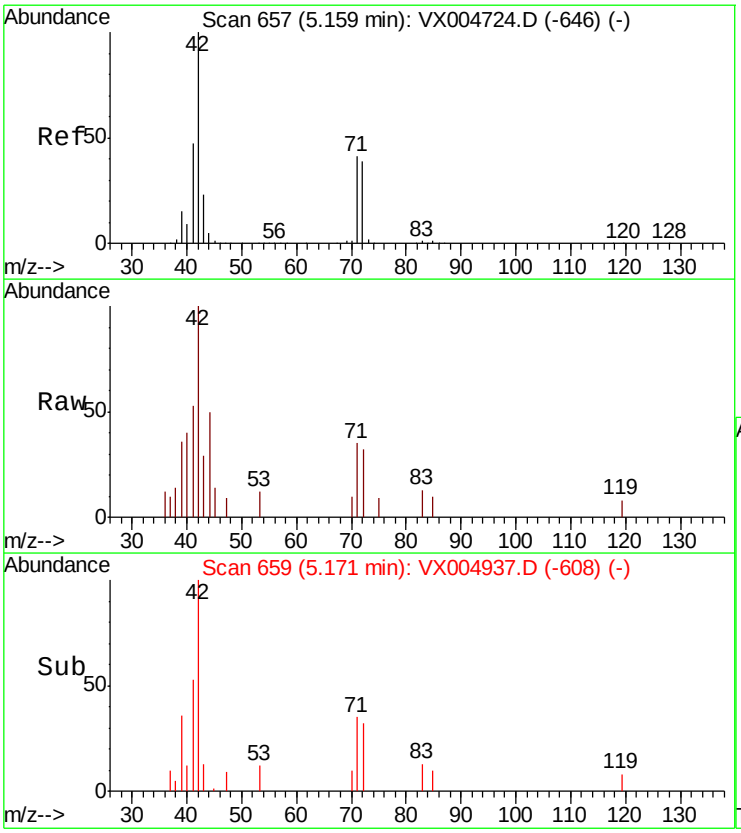
#25
2-Butanone
Concen: 2.395 ug/l
RT: 4.71 min Scan# 583
Delta R.T. -0.00 min
Lab File: VX004937.D
Acq: 02 Oct 2018 23:29

Instrument :
MSVOA_X
ClientSampleId :
TR-04-092818

Tgt Ion: 43 Resp: 5787

Ion	Ratio	Lower	Upper
43	100		
72	30.9	20.8	31.2

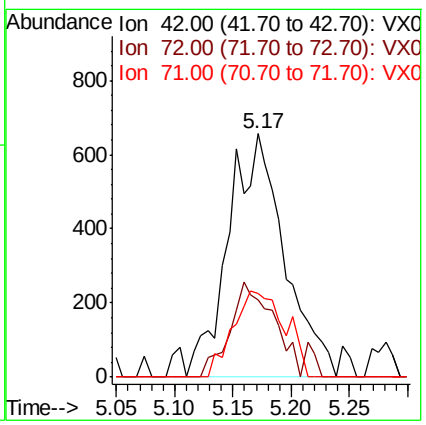


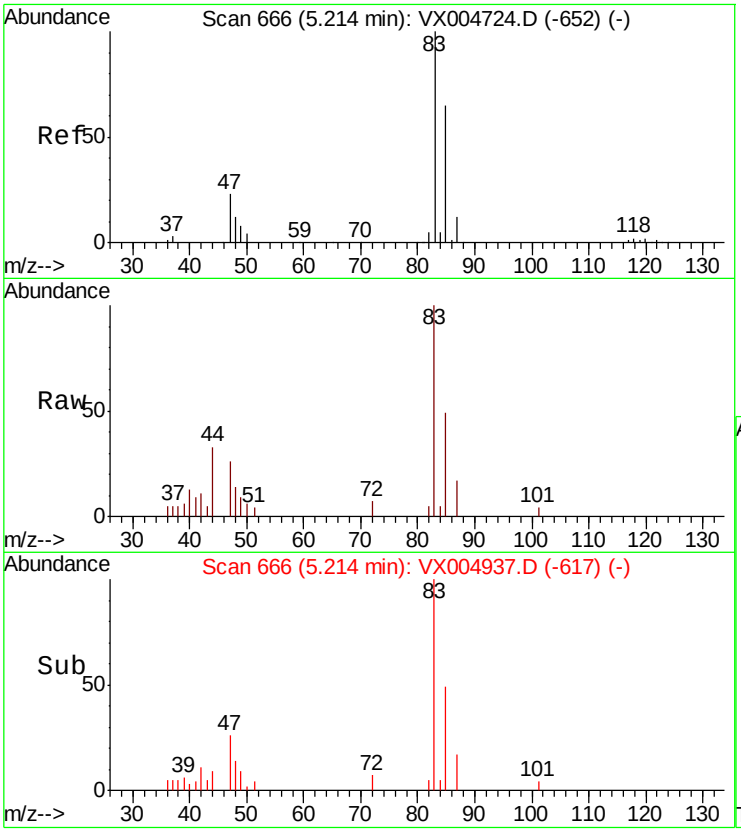


#29
Tetrahydrofuran
Concen: 1.465 ug/l
RT: 5.17 min Scan# 659
Delta R.T. 0.01 min
Lab File: VX004937.D
Acq: 02 Oct 2018 23:29

Tgt Ion: 42 Resp: 2200

Ion	Ratio	Lower	Upper
42	100		
72	30.4	33.7	50.5#
71	32.6	32.2	48.4



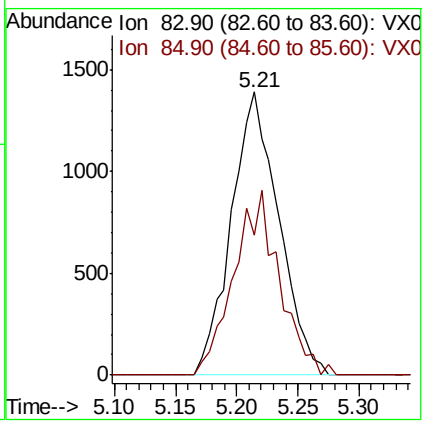


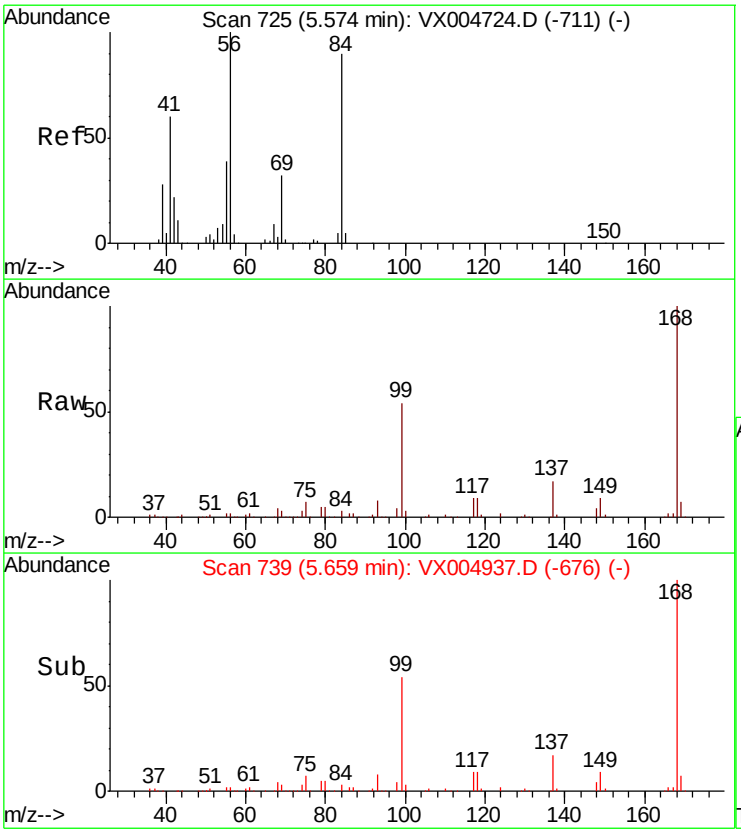
#30
Chloroform
Concen: 0.850 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX004937.D
Acq: 02 Oct 2018 23:29

Instrument :
MSVOA_X
ClientSampleId :
TR-04-092818

Tgt Ion: 83 Resp: 3751

Ion	Ratio	Lower	Upper
83	100		
85	49.4	52.4	78.6#

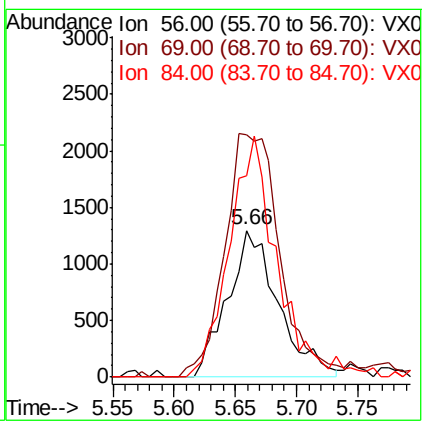


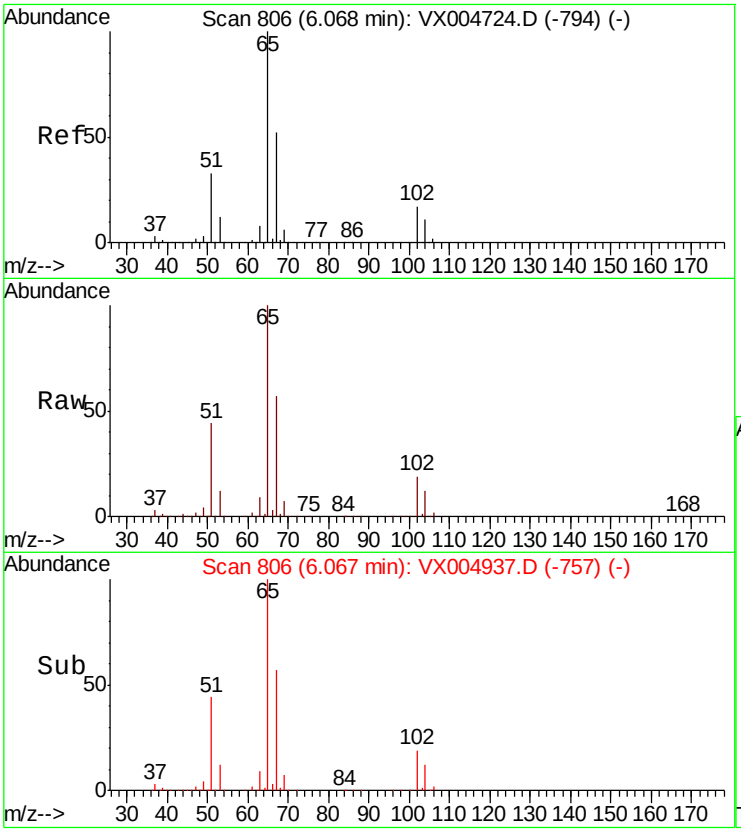


#31
Cyclohexane
Concen: 1.045 ug/l
RT: 5.66 min Scan# 739
Delta R.T. 0.09 min
Lab File: VX004937.D
Acq: 02 Oct 2018 23:29

Tgt Ion: 56 Resp: 3732

Ion	Ratio	Lower	Upper
56	100		
69	159.3	25.9	38.9#
84	137.8	71.9	107.9#



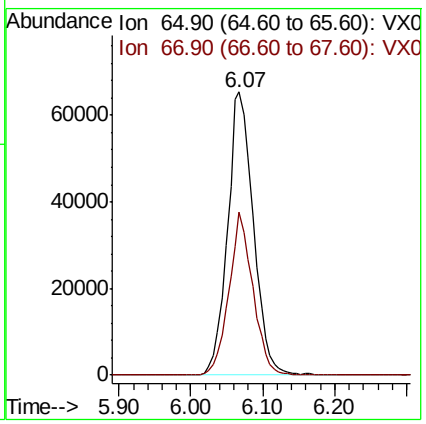


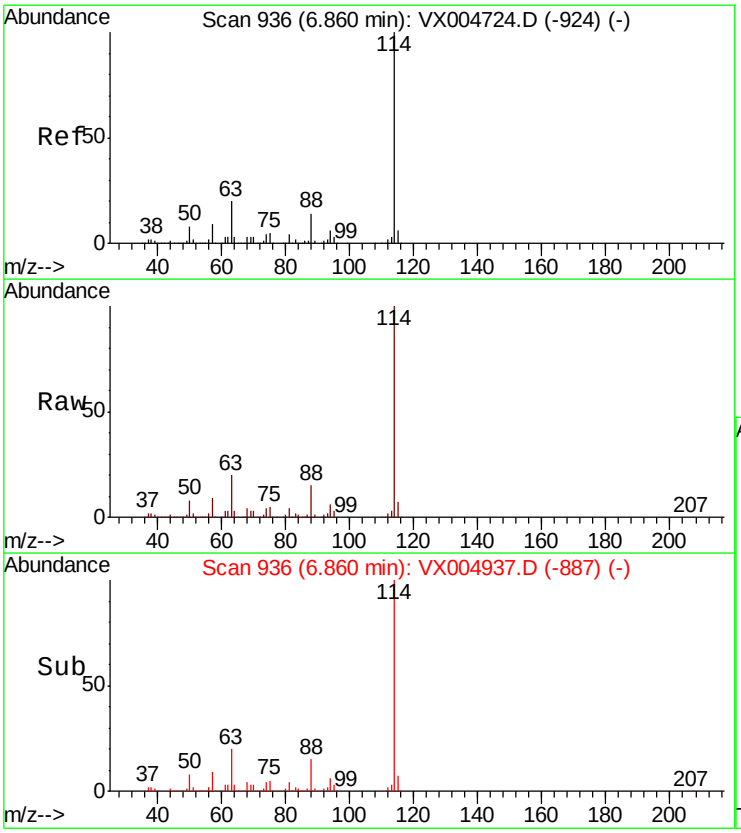
#33
1,2-Dichloroethane-d4
Concen: 58.159 ug/l
RT: 6.07 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX004937.D
Acq: 02 Oct 2018 23:29

Instrument : MSVOA_X
ClientSampleId : TR-04-092818

Tgt Ion: 65 Resp: 163311

Ion	Ratio	Lower	Upper
65	100		
67	53.1	0.0	107.4

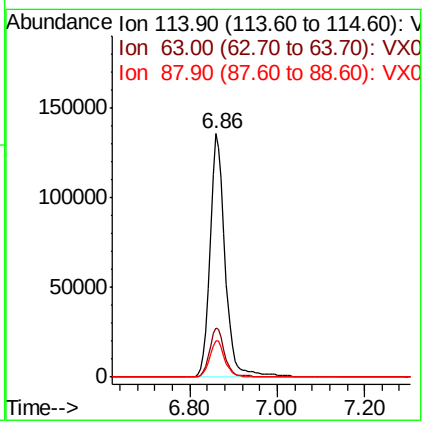


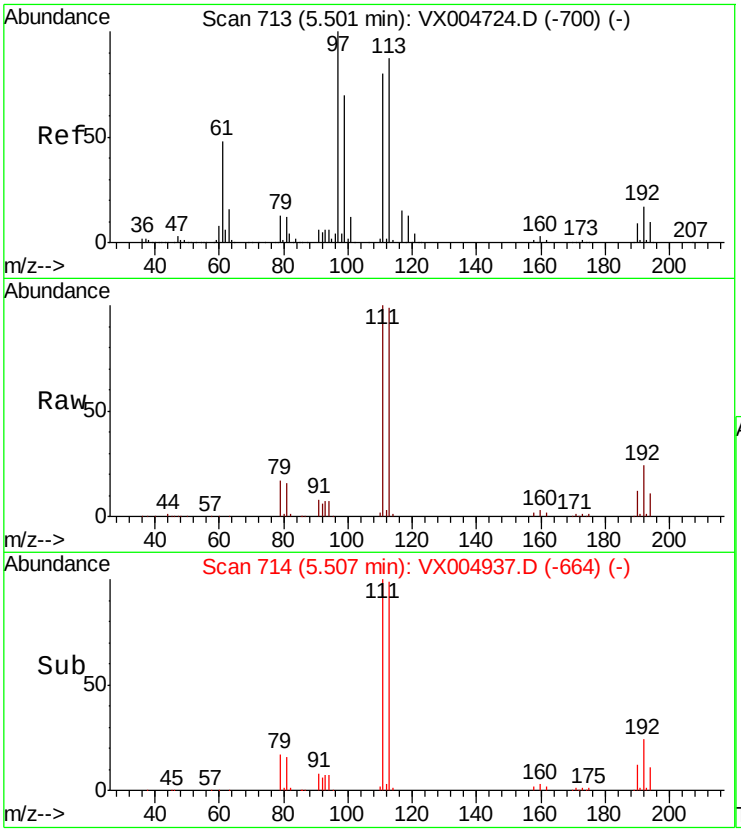


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX004937.D
Acq: 02 Oct 2018 23:29

Tgt Ion:114 Resp: 330638

Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	39.8
88	15.1	0.0	27.0



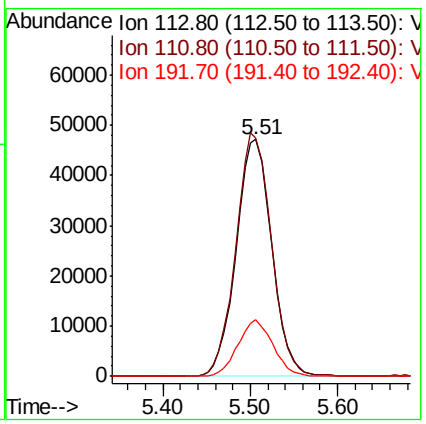


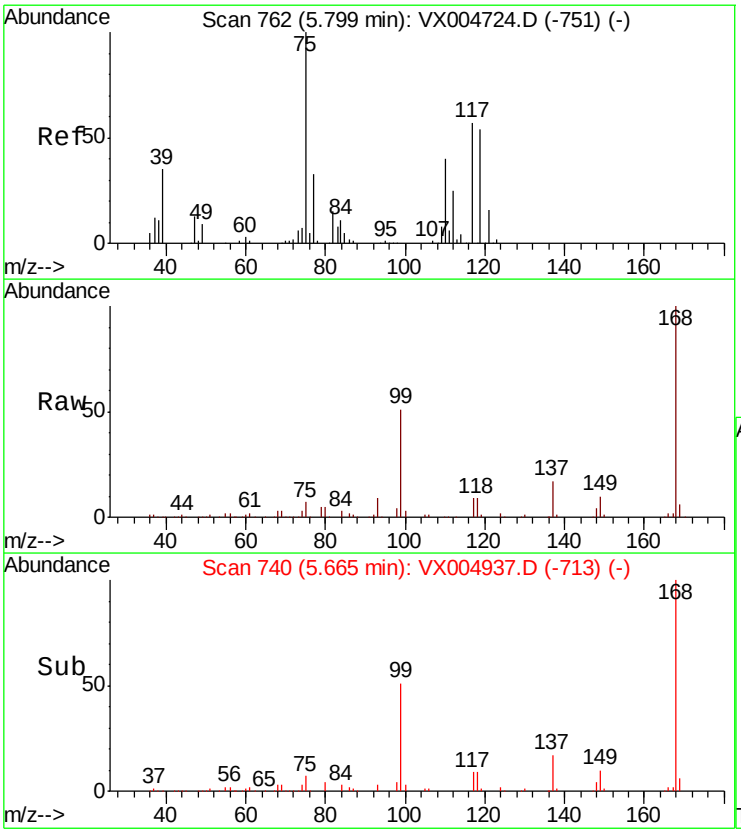
#35
Dibromofluoromethane
Concen: 47.661 ug/l
RT: 5.51 min Scan# 714
Delta R.T. 0.01 min
Lab File: VX004937.D
Acq: 02 Oct 2018 23:29

Instrument :
MSVOA_X
ClientSampleId :
TR-04-092818

Tgt Ion:113 Resp: 133555

Ion	Ratio	Lower	Upper
113	100		
111	102.5	77.0	115.4
192	23.3	17.0	25.6

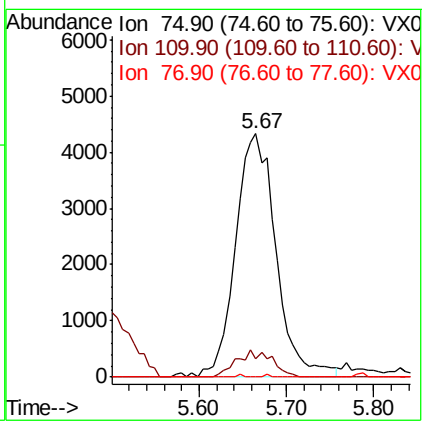


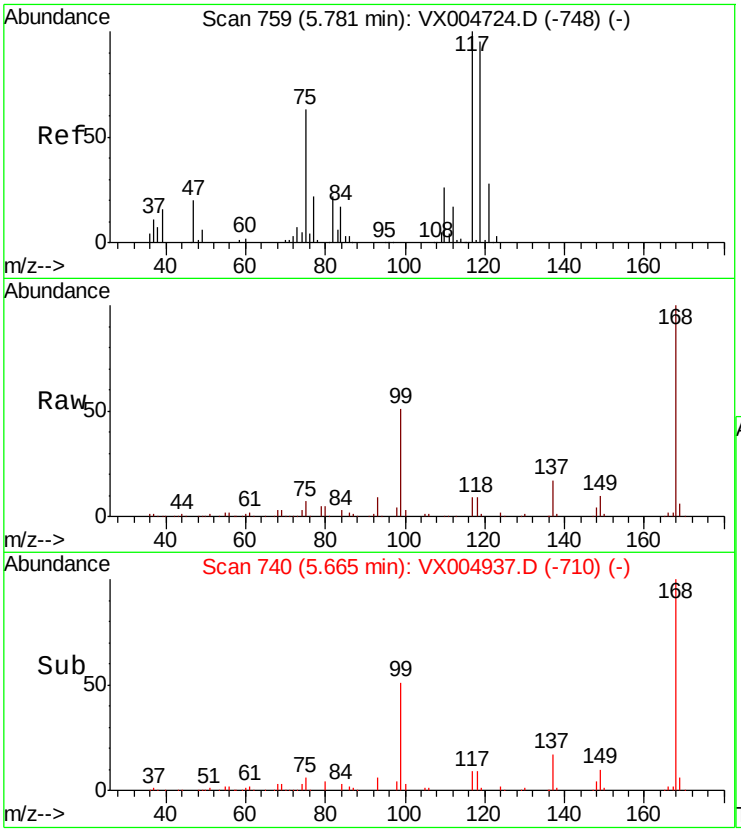


#36
1,1-Dichloropropene
Concen: 3.643 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.13 min
Lab File: VX004937.D
Acq: 02 Oct 2018 23:29

Tgt Ion: 75 Resp: 13927

Ion	Ratio	Lower	Upper
75	100		
110	9.6	20.0	59.9#
77	0.1	27.1	40.7#



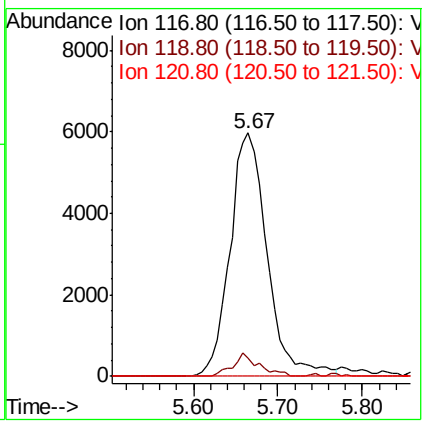


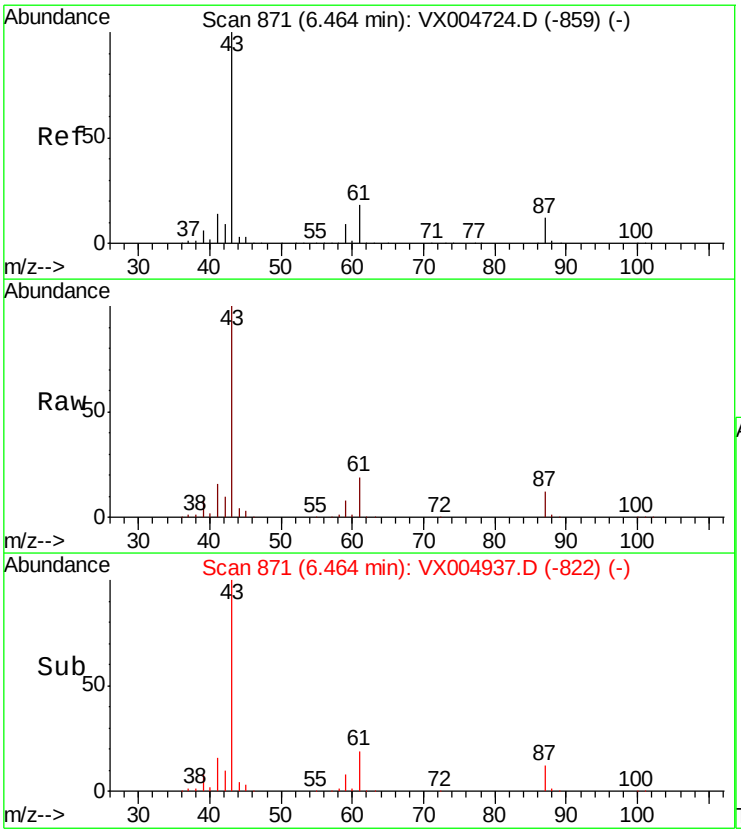
#38
Carbon Tetrachloride
Concen: 4.431 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.12 min
Lab File: VX004937.D
Acq: 02 Oct 2018 23:29

Instrument : MSVOA_X
ClientSampleId : TR-04-092818

Tgt Ion:117 Resp: 17809

Ion	Ratio	Lower	Upper
117	100		
119	7.3	75.2	112.8#
121	0.0	22.5	33.7#

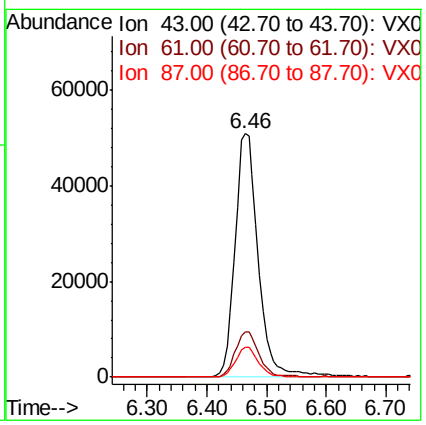


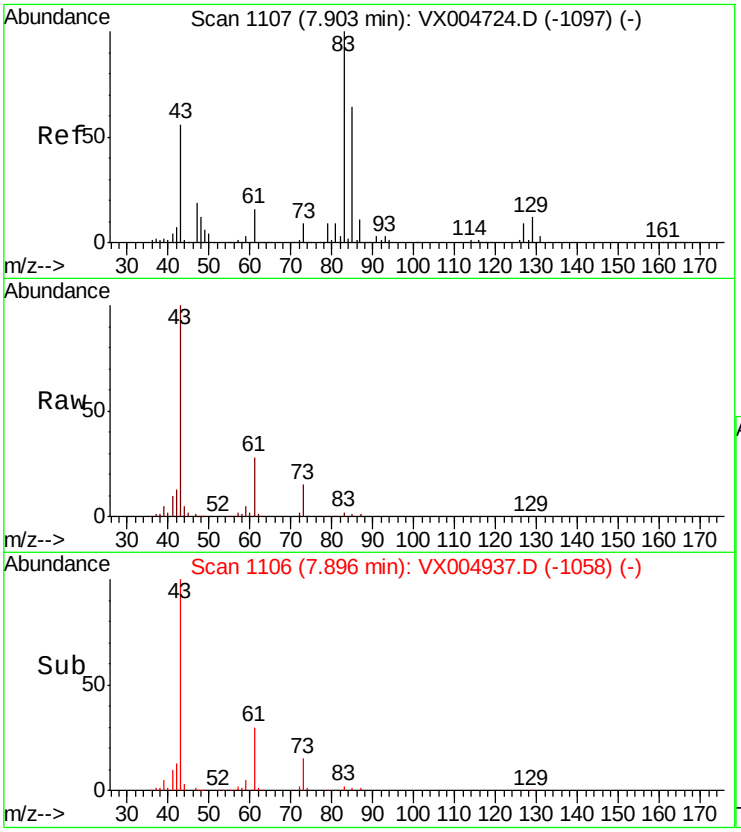


#43
Isopropyl Acetate
Concen: 18.809 ug/l
RT: 6.46 min Scan# 871
Delta R.T. -0.00 min
Lab File: VX004937.D
Acq: 02 Oct 2018 23:29

Tgt Ion: 43 Resp: 137774

Ion	Ratio	Lower	Upper
43	100		
61	18.8	14.2	21.4
87	12.3	9.3	13.9



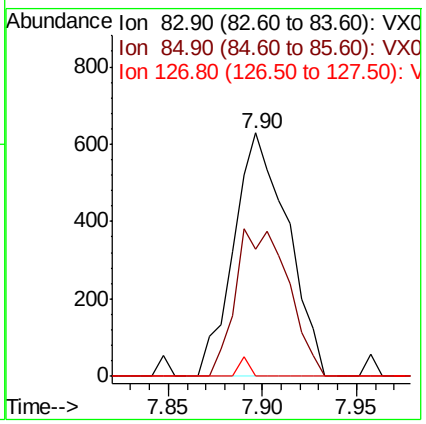


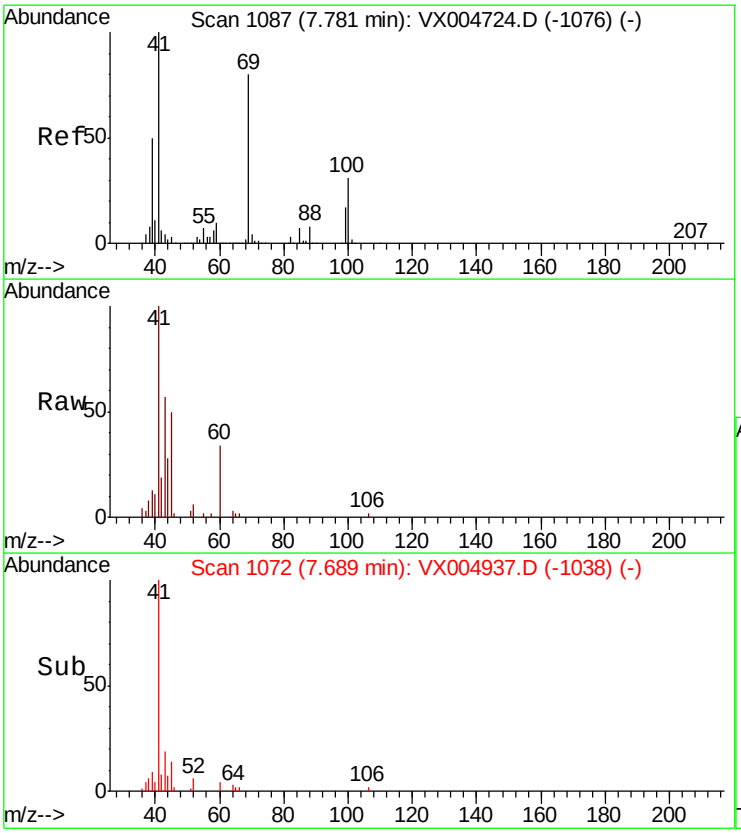
#47
Bromodichloromethane
Concen: 0.362 ug/l
RT: 7.90 min Scan# 1106
Delta R.T. -0.01 min
Lab File: VX004937.D
Acq: 02 Oct 2018 23:29

Instrument : MSVOA_X
ClientSampleId : TR-04-092818

Tgt Ion: 83 Resp: 1249

Ion	Ratio	Lower	Upper
83	100		
85	52.3	51.2	76.8
127	0.0	7.0	10.6#

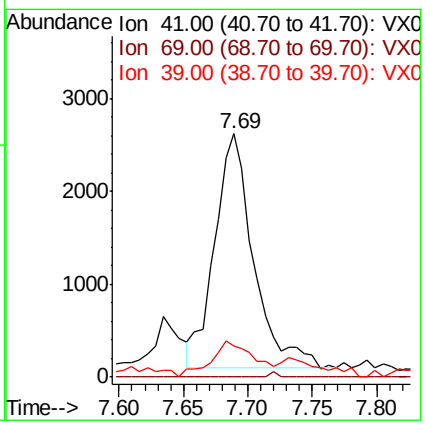


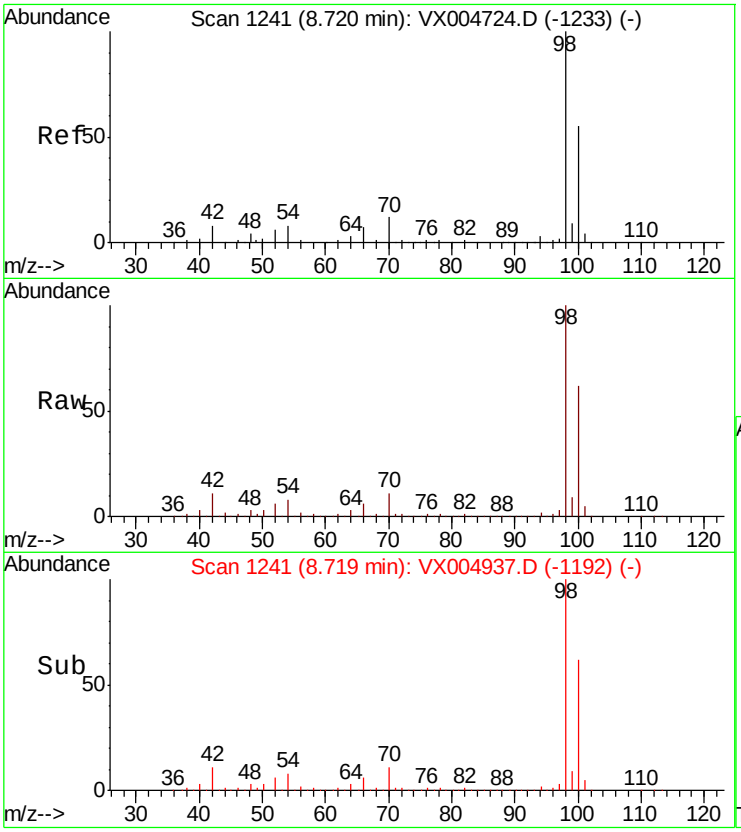


#48
Methyl methacrylate
Concen: 1.592 ug/l
RT: 7.69 min Scan# 1072
Delta R.T. -0.09 min
Lab File: VX004937.D
Acq: 02 Oct 2018 23:29

Tgt Ion: 41 Resp: 5292

Ion	Ratio	Lower	Upper
41	100		
69	0.0	63.8	95.6#
39	16.8	40.7	61.1#



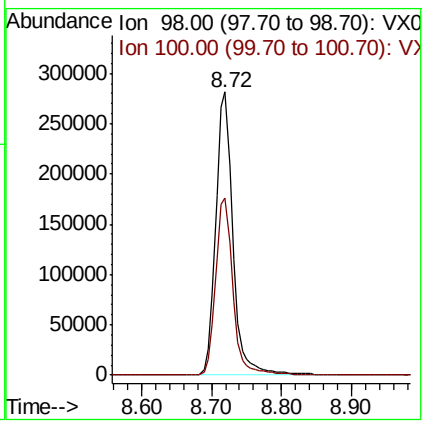


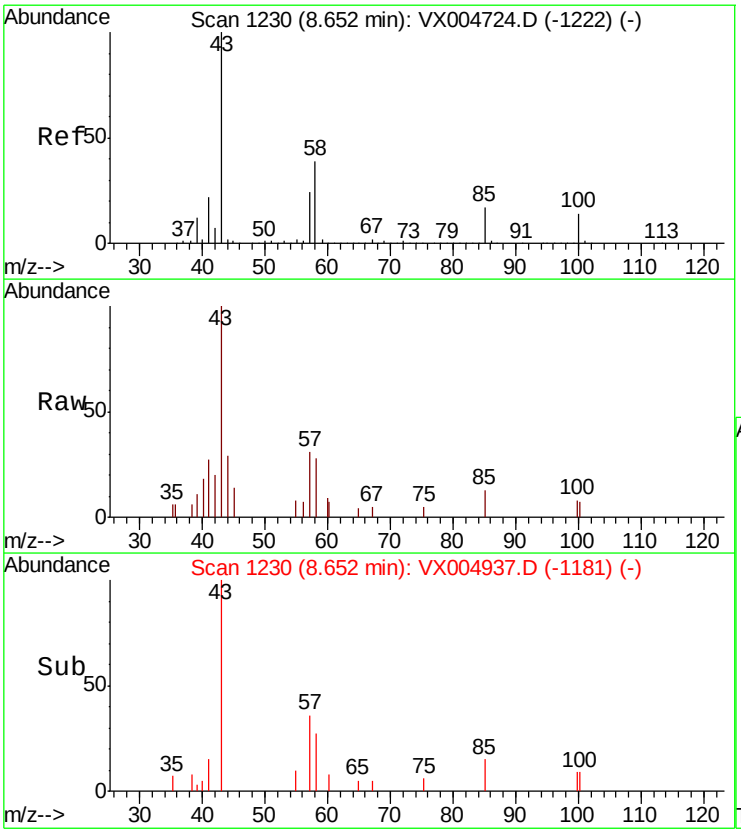
#50
Toluene-d8
Concen: 51.743 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VX004937.D
Acq: 02 Oct 2018 23:29

Instrument :
MSVOA_X
ClientSampleId :
TR-04-092818

Tgt Ion: 98 Resp: 482029

Ion	Ratio	Lower	Upper
98	100		
100	63.1	51.9	77.9

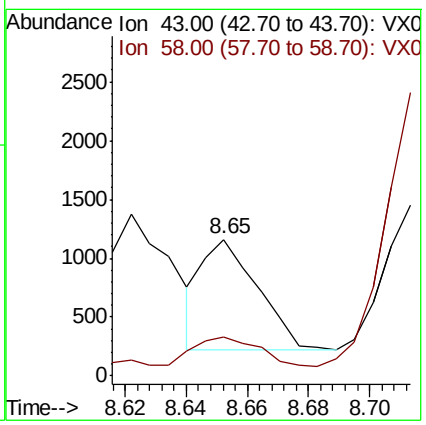


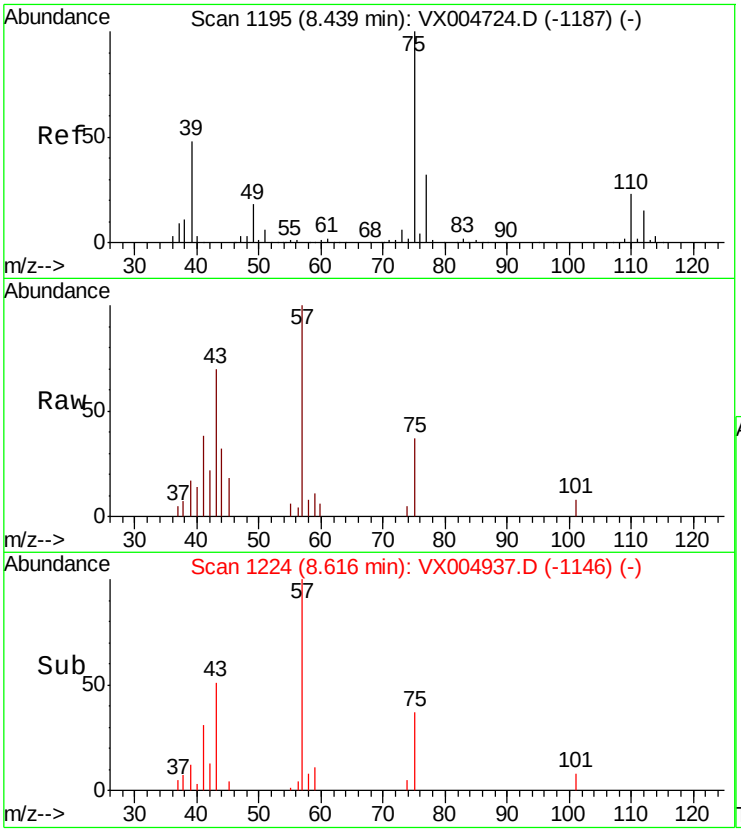


#51
4-Methyl-2-Pentanone
Concen: 0.257 ug/l
RT: 8.65 min Scan# 1230
Delta R.T. -0.00 min
Lab File: VX004937.D
Acq: 02 Oct 2018 23:29

Tgt Ion: 43 Resp: 1184

Ion	Ratio	Lower	Upper
43	100		
58	54.0	30.5	45.7#



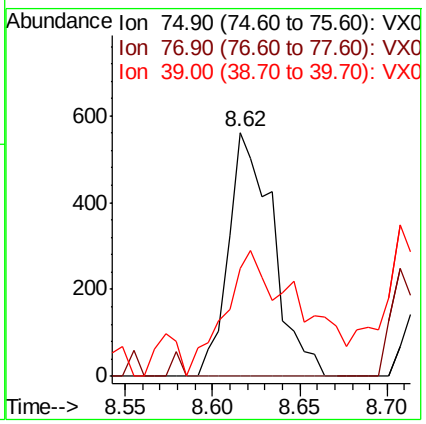


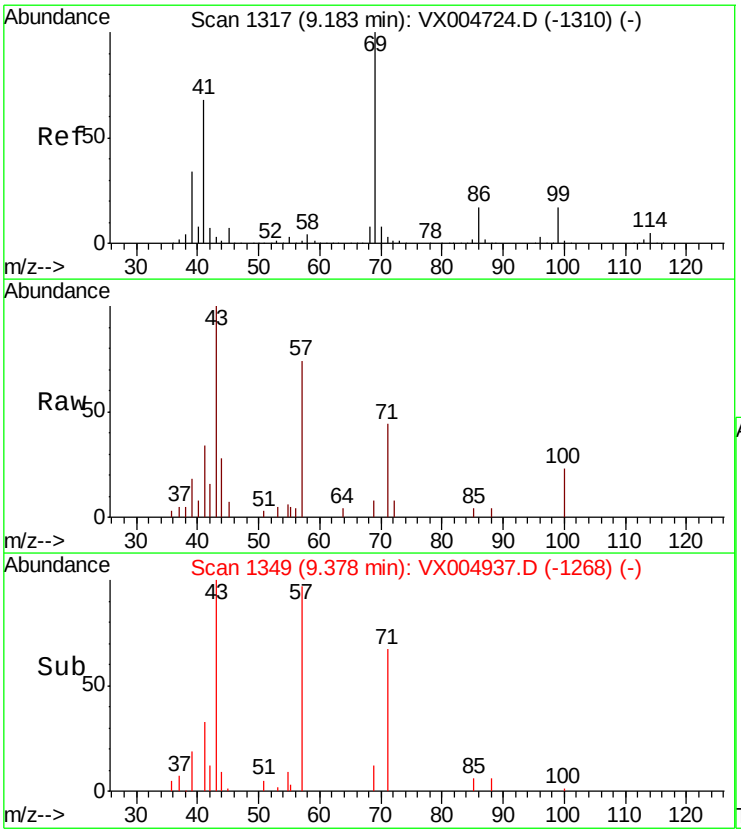
#54
cis-1,3-Dichloropropene
Concen: 0.245 ug/l
RT: 8.62 min Scan# 1224
Delta R.T. 0.18 min
Lab File: VX004937.D
Acq: 02 Oct 2018 23:29

Instrument : MSVOA_X
ClientSampleId : TR-04-092818

Tgt Ion: 75 Resp: 1000

Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.7	38.5#
39	44.4	38.3	57.5

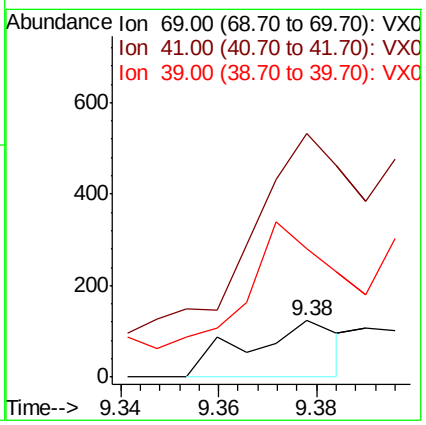


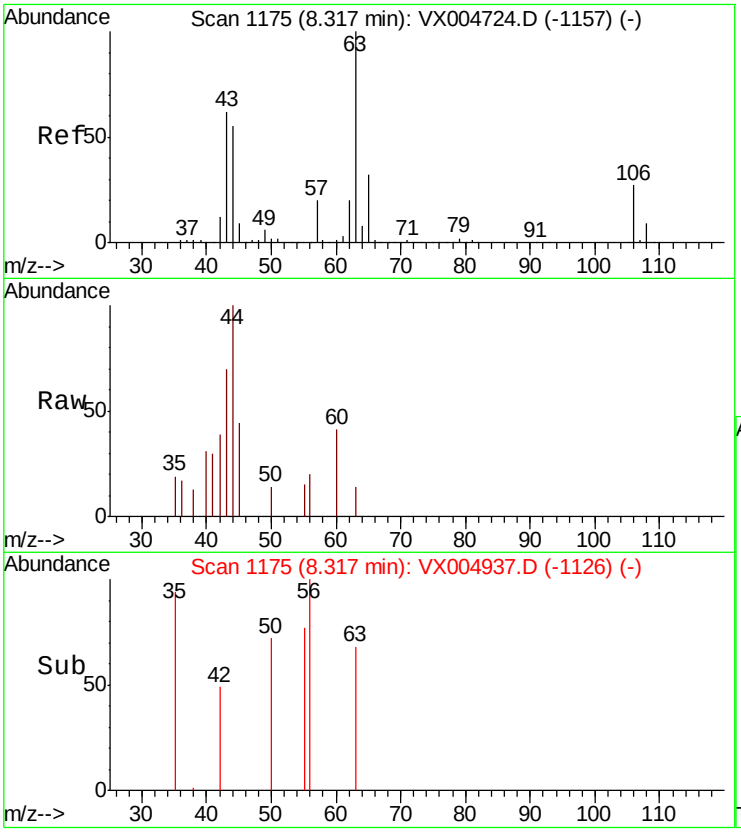


#56
Ethyl methacrylate
Concen: 2.894 ug/l
RT: 9.38 min Scan# 1349
Delta R.T. 0.19 min
Lab File: VX004937.D
Acq: 02 Oct 2018 23:29

Tgt Ion: 69 Resp: 159

Ion	Ratio	Lower	Upper
69	100		
41	403.1	56.9	85.3#
39	219.5	28.4	42.6#



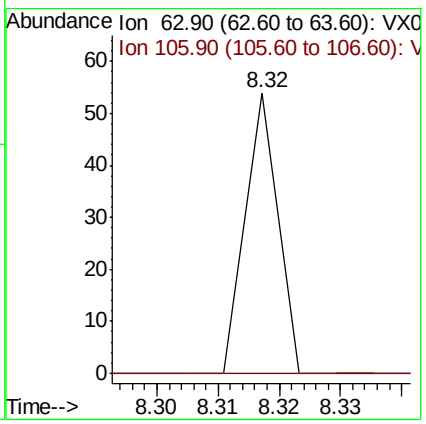


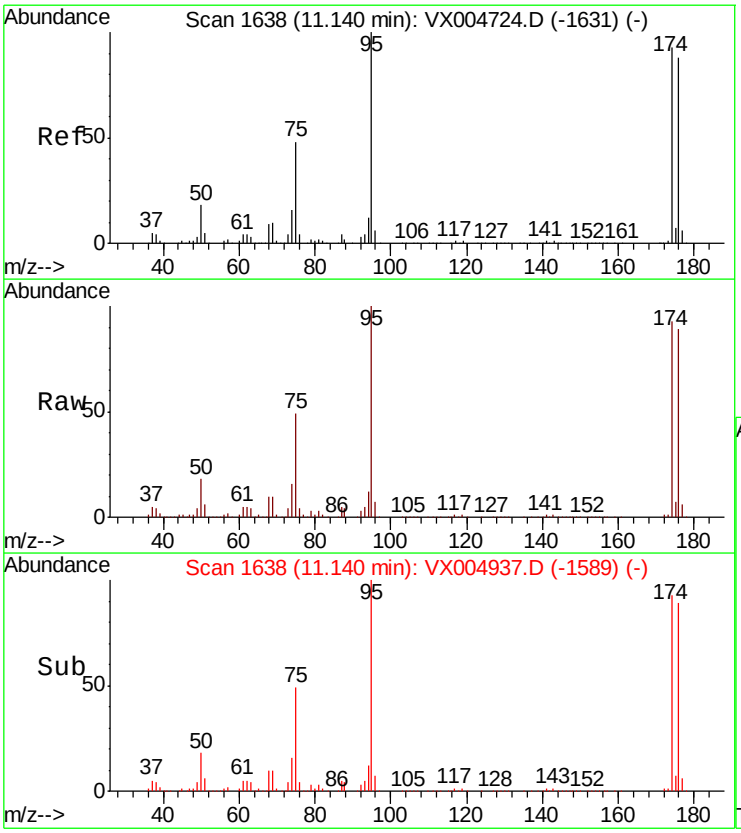
#58
2-Chloroethyl Vinyl ether
Concen: 14.250 ug/l
RT: 8.32 min Scan# 1175
Delta R.T. -0.00 min
Lab File: VX004937.D
Acq: 02 Oct 2018 23:29

Instrument : MSVOA_X
ClientSampleId : TR-04-092818

Tgt Ion: 63 Resp: 20

Ion	Ratio	Lower	Upper
63	100		
106	0.0	21.0	31.6#

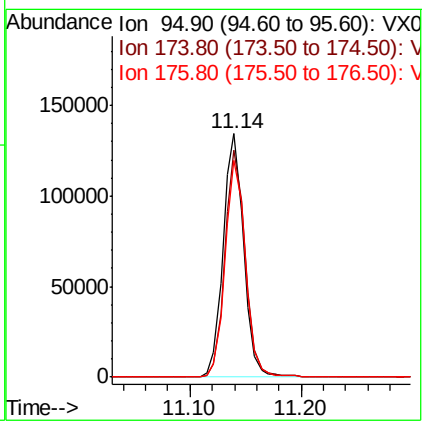


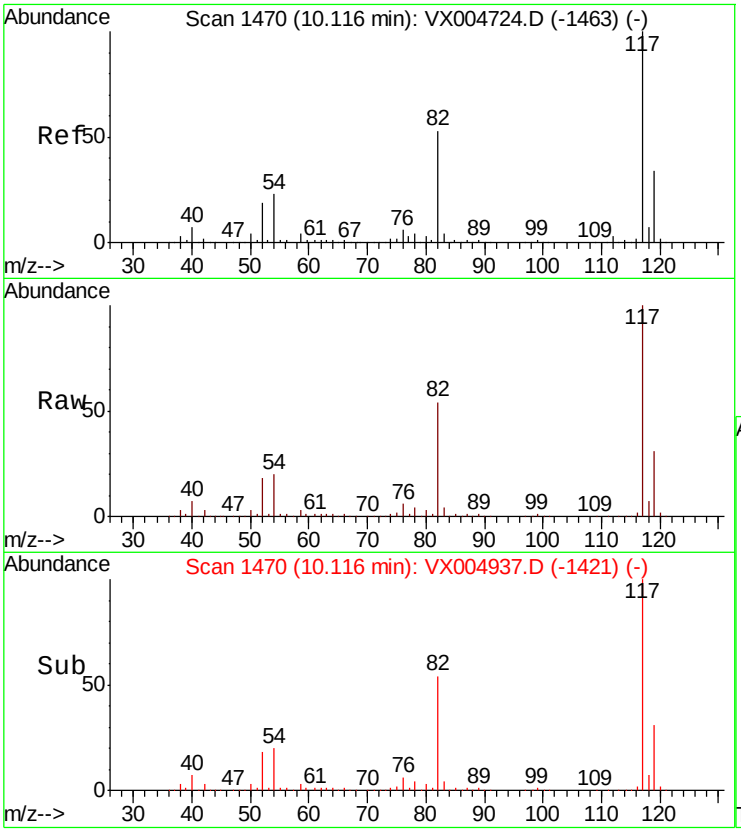


#62
4-Bromofluorobenzene
Concen: 51.019 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX004937.D
Acq: 02 Oct 2018 23:29

Tgt Ion: 95 Resp: 171225

Ion	Ratio	Lower	Upper
95	100		
174	92.5	0.0	185.0
176	88.7	0.0	180.2



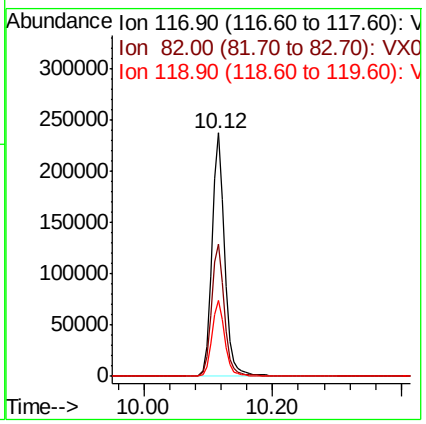


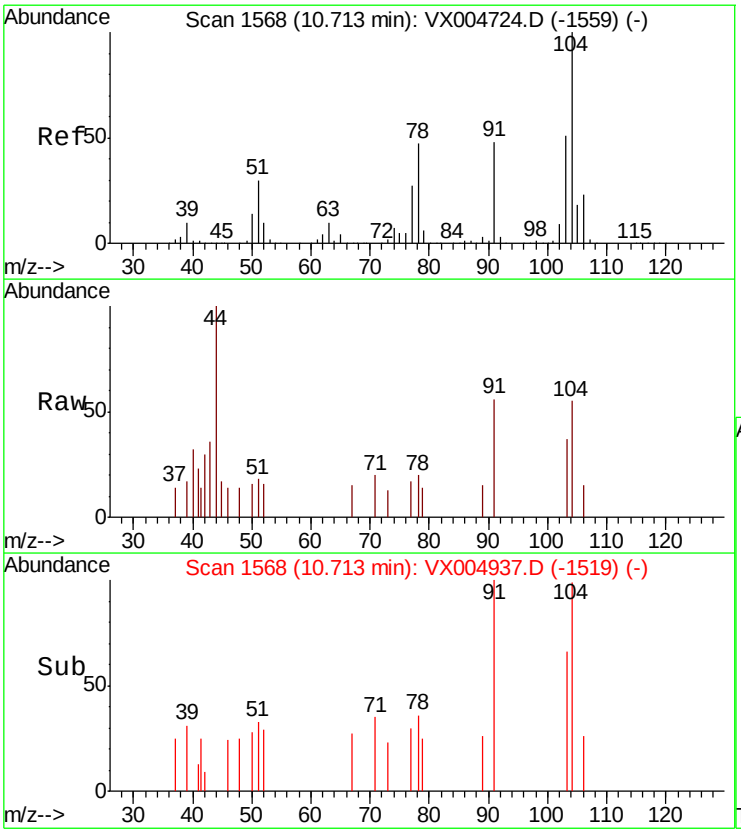
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX004937.D
Acq: 02 Oct 2018 23:29

Instrument :
MSVOA_X
ClientSampleId :
TR-04-092818

Tgt Ion:117 Resp: 330876

Ion	Ratio	Lower	Upper
117	100		
82	54.1	42.2	63.4
119	31.3	27.4	41.0

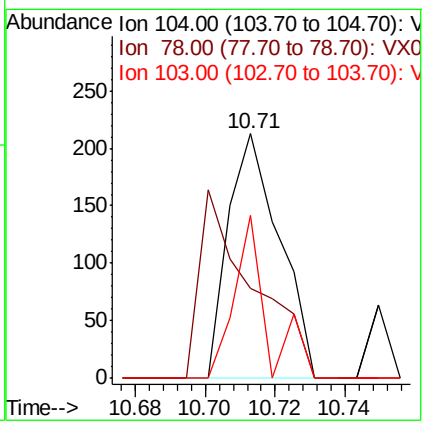


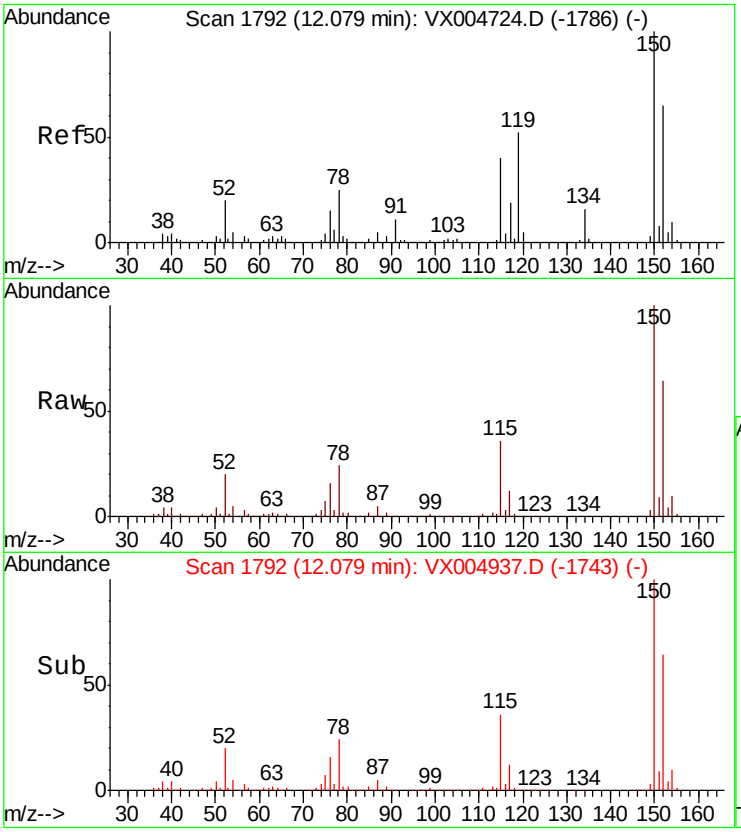


#70
Styrene
Concen: 2.163 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX004937.D
Acq: 02 Oct 2018 23:29

Tgt Ion:104 Resp: 216

Ion	Ratio	Lower	Upper
104	100		
78	79.6	40.0	60.0#
103	42.1	44.3	66.5#



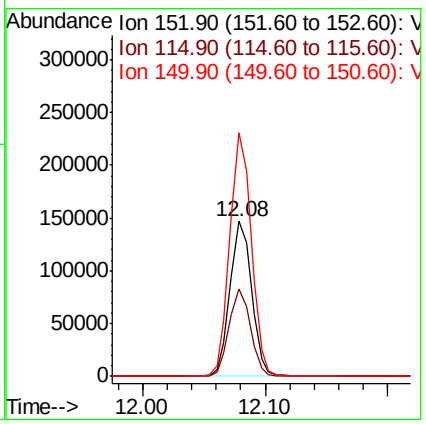


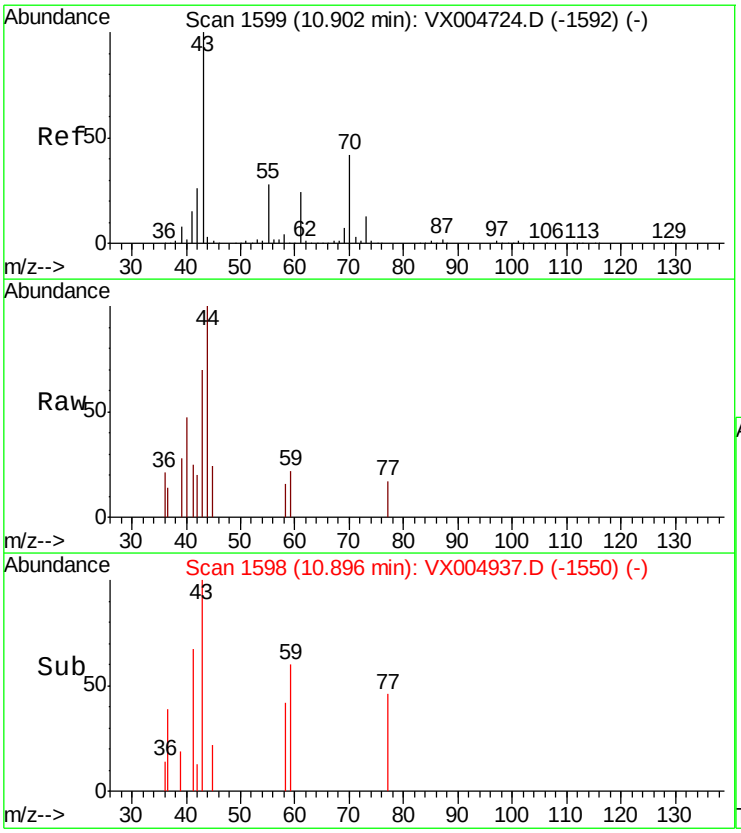
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX004937.D
Acq: 02 Oct 2018 23:29

Instrument : MSVOA_X
ClientSampleId : TR-04-092818

Tgt Ion:152 Resp: 179387

Ion	Ratio	Lower	Upper
152	100		
115	55.8	40.2	120.6
150	156.6	0.0	351.0

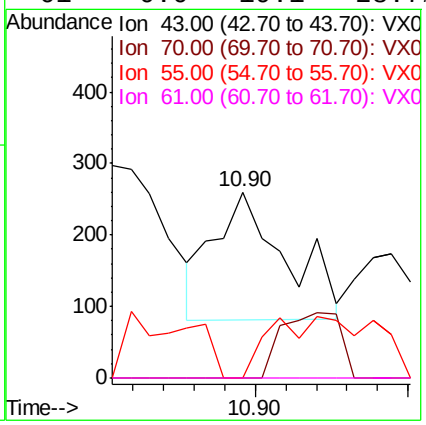


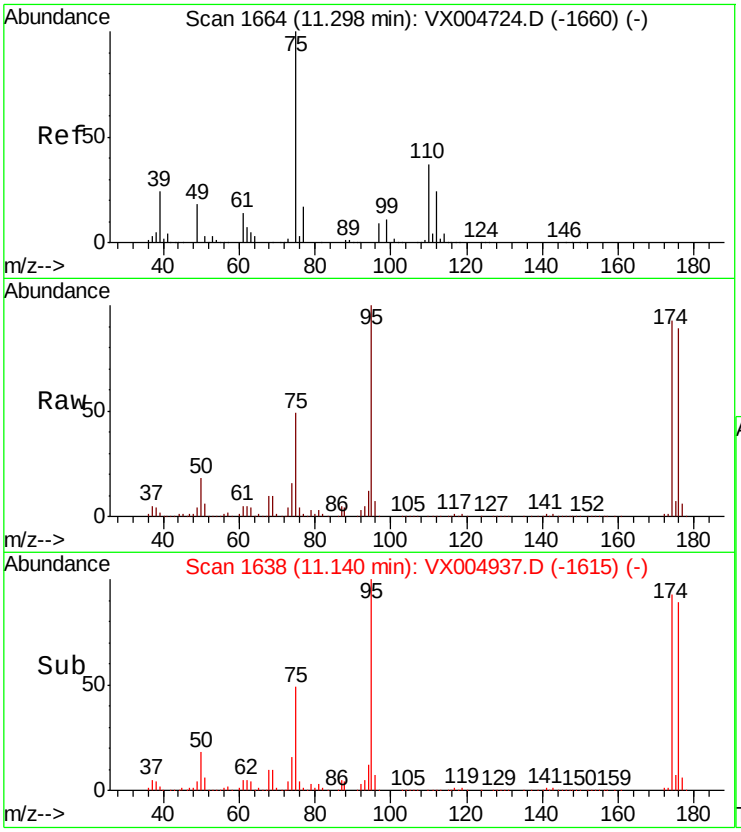


#74
N-amyl acetate
Concen: 1.793 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. -0.01 min
Lab File: VX004937.D
Acq: 02 Oct 2018 23:29

Tgt Ion: 43 Resp: 289

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



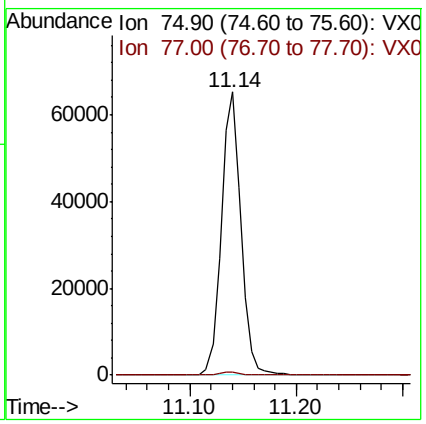


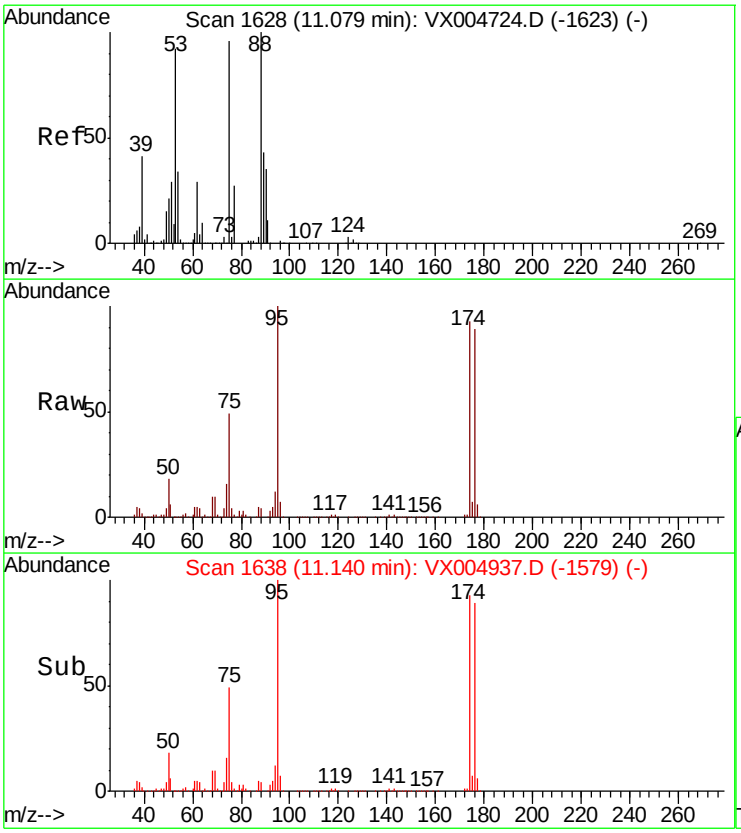
#76
1,2,3-Trichloropropane
Concen: 20.821 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.16 min
Lab File: VX004937.D
Acq: 02 Oct 2018 23:29

Instrument :
MSVOA_X
ClientSampleId :
TR-04-092818

Tgt Ion: 75 Resp: 83717

Ion	Ratio	Lower	Upper
75	100		
77	1.2	21.4	64.3#

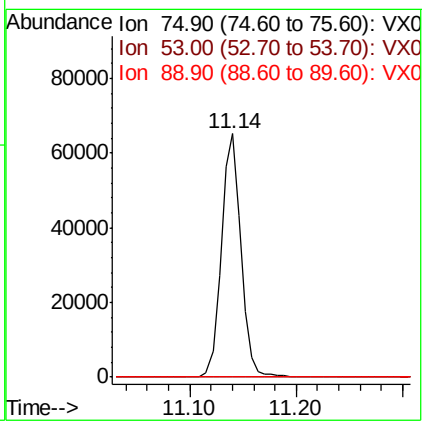


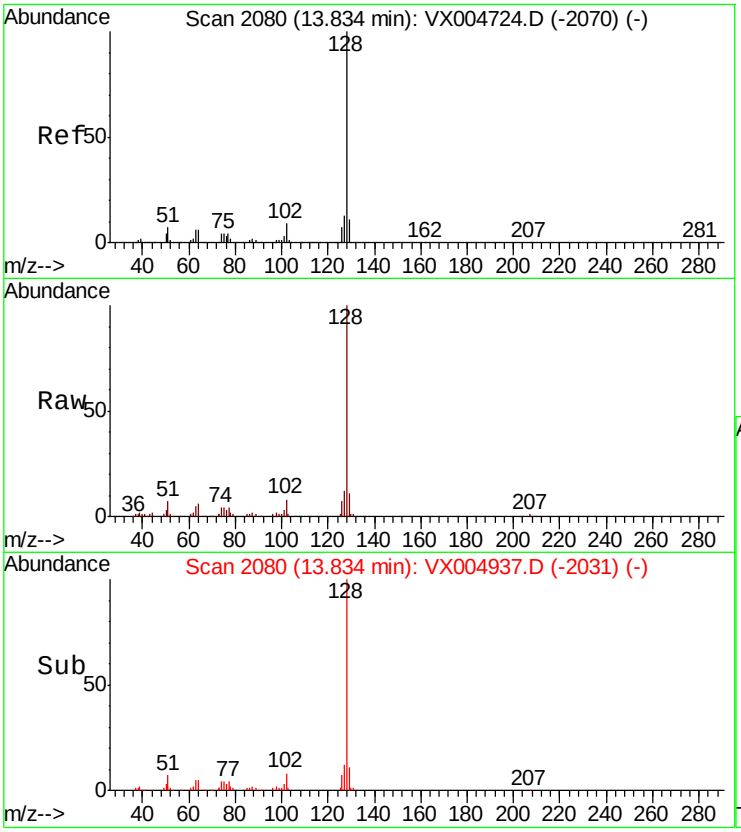


#81
trans-1,4-Dichloro-2-butene
Concen: 56.518 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.06 min
Lab File: VX004937.D
Acq: 02 Oct 2018 23:29

Tgt Ion: 75 Resp: 83717

Ion	Ratio	Lower	Upper
75	100		
53	0.3	80.2	120.4#
89	0.1	37.1	55.7#





#95
Naphthalene
Concen: 2.081 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX004937.D
Acq: 02 Oct 2018 23:29

Instrument :
MSVOA_X
ClientSampleId :
TR-04-092818

Tgt Ion:128 Resp: 20605

Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.4	15.6
129	10.8	8.7	13.1