Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX122018\
Data File : VX006700.D
Acq On : 21 Dec 2018 02:54
Operator : JC/MD
Sample : J6514-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : S49-0497

Quant Time: Dec 21 03:39:39 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 19 15:20:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	593450	50.00 ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	934228	50.00 ug/l	0.00
63) Chlorobenzene-d5	10.12	117	856100	50.00 ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	397304	50.00 ug/l	0.00
System Monitoring Compounds					
33) 1,2-Dichloroethane-d4	6.07	65	325271	50.86 ug/l	0.00
Spiked Amount 50.000			Recovery = 101.72%		
35) Dibromofluoromethane	5.51	113	286513	48.50 ug/l	0.00
Spiked Amount 50.000			Recovery = 97.00%		
50) Toluene-d8	8.71	98	1107823	49.74 ug/l	0.00
Spiked Amount 50.000			Recovery = 99.48%		
62) 4-Bromofluorobenzene	11.13	95	389967	47.81 ug/l	0.00
Spiked Amount 50.000			Recovery = 95.62%		
Target Compounds					Qvalue
4) Vinyl Chloride	1.41	62	76705	12.557 ug/l	99
5) Bromomethane	1.65	94	604	Below Cal #	57
6) Chloroethane	1.74	64	1297	0.307 ug/l #	70
11) Tert butyl alcohol	3.03	59	2744	1.922 ug/l #	85
12) 1,1-Dichloroethene	2.37	96	1430	0.270 ug/l	93
13) Acrolein	2.30	56	487	0.506 ug/l #	64
16) Acetone	2.45	43	12565	4.276 ug/l	91
21) trans-1,2-Dichloroethene	3.17	96	146334	24.908 ug/l	99
24) 1,1-Dichloroethane	3.70	63	6542	0.671 ug/l	95
25) 2-Butanone	4.71	43	2235	0.541 ug/l #	86
27) cis-1,2-Dichloroethene	4.60	96	165186	25.484 ug/l	92
28) Bromochloromethane	5.03	49	430	Below Cal #	20
36) 1,1-Dichloropropene	5.66	75	38999	5.040 ug/l #	49
38) Carbon Tetrachloride	5.66	117	55678	7.404 ug/l #	16
44) Trichloroethene	7.21	130	145397	20.425 ug/l	97
49) 1,4-Dioxane	7.73	88	69	Below Cal #	27
60) Dibromochloromethane	9.46	129	72	2.335 ug/l	77
71) Bromoform	10.60	173	135	4.484 ug/l #	28
76) 1,2,3-Trichloropropane	11.13	75	184381	24.972 ug/l #	40
81) trans-1,4-Dichloro-2-buten	11.13	75	184381	73.796 ug/l #	10
90) Hexachloroethane	12.57	117	144	3.329 ug/l	61

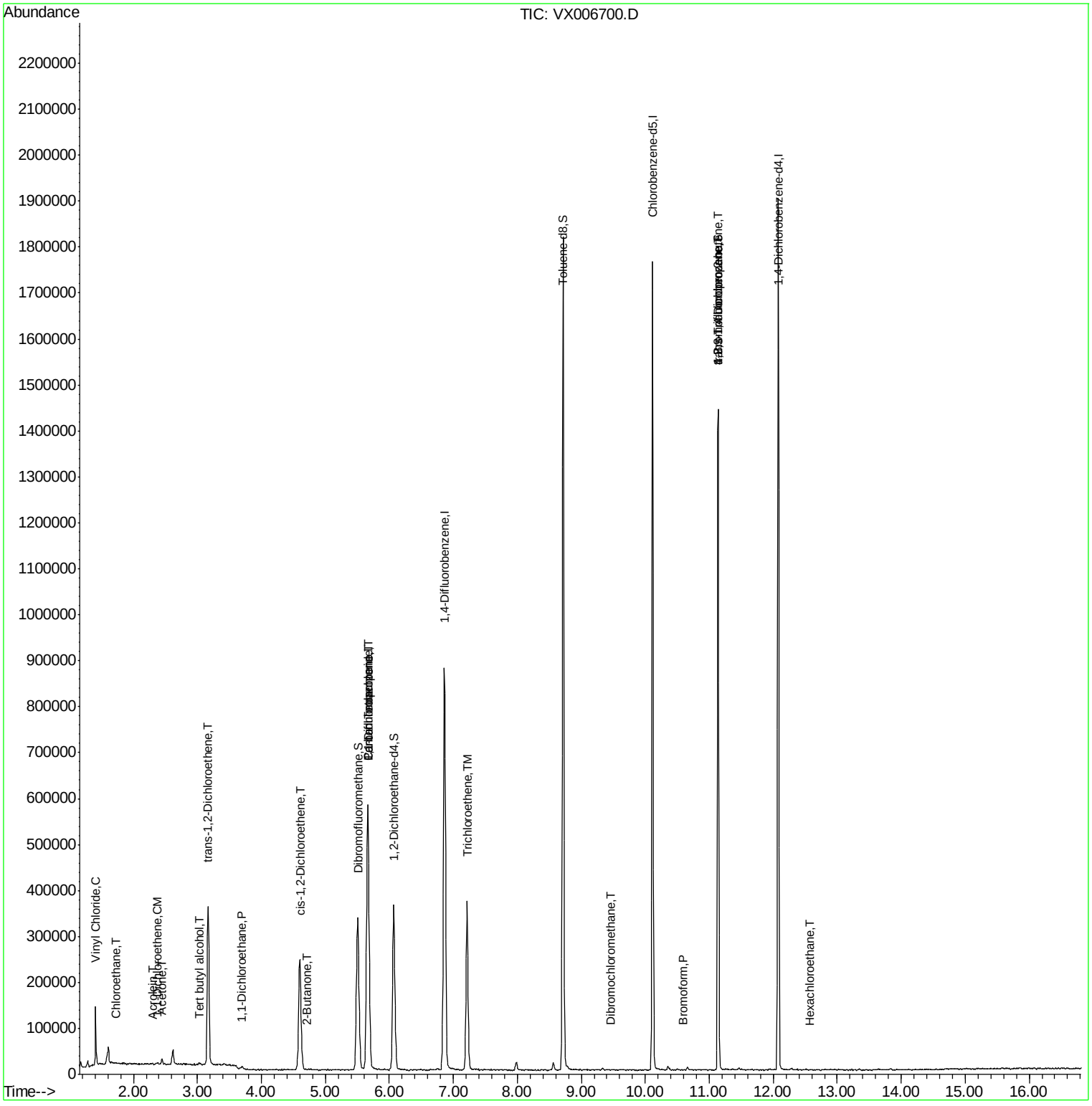
(#) = qualifier out of range (m) = manual integration (+) = signals summed

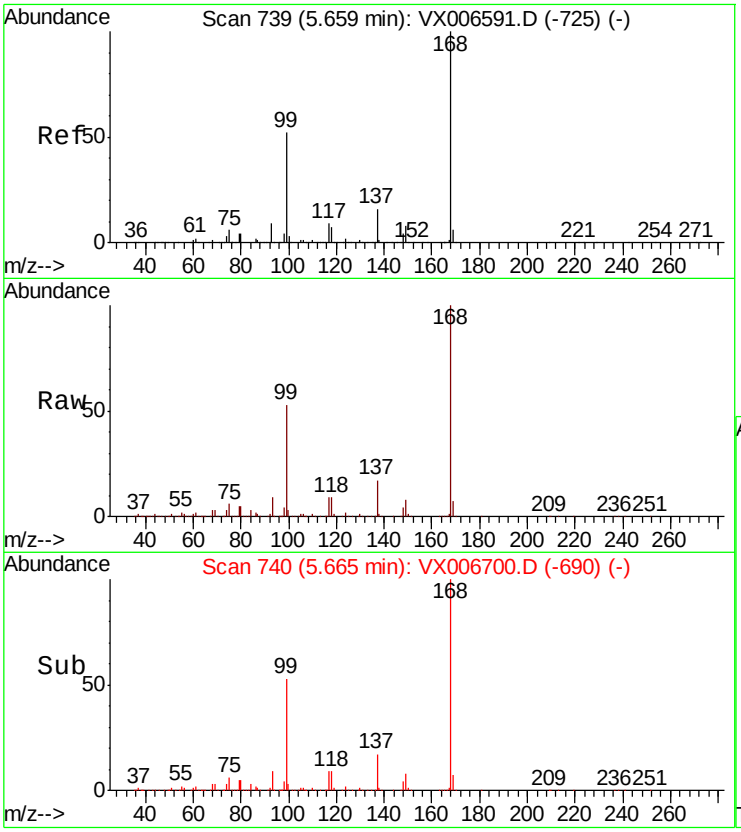
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX122018\
Data File : VX006700.D
Acq On : 21 Dec 2018 02:54
Operator : JC/MD
Sample : J6514-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : S49-0497

Quant Time: Dec 21 03:39:39 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 19 15:20:58 2018
Response via : Initial Calibration



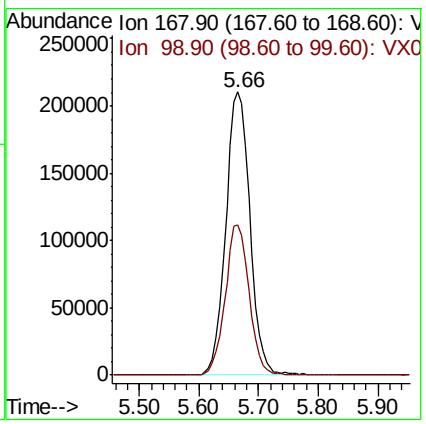


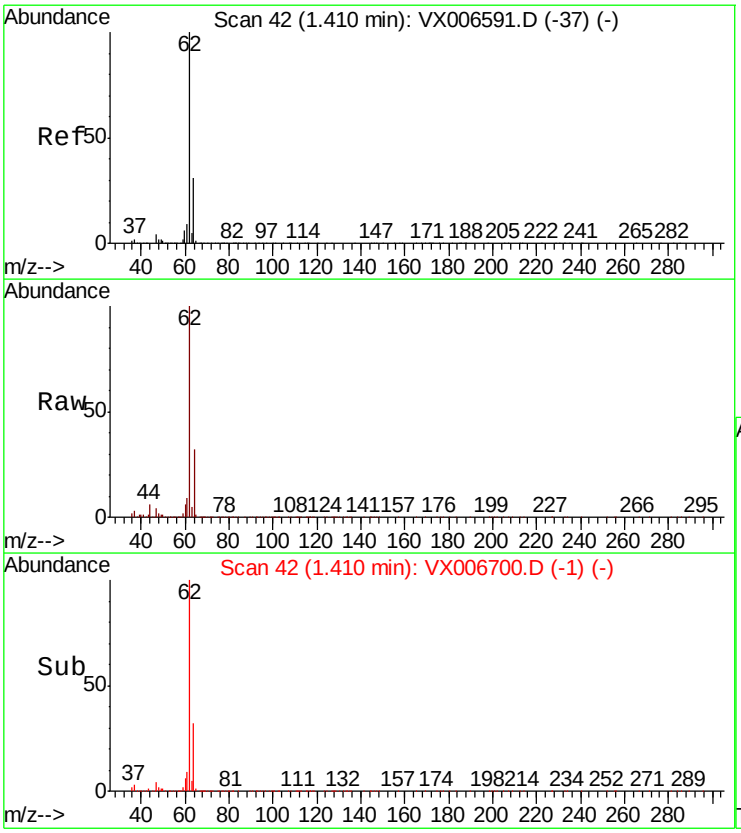
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.66 min Scan# 740
Delta R.T. 0.01 min
Lab File: VX006700.D
Acq: 21 Dec 2018 02:54

Instrument :
MSVOA_X
ClientSampleId :
S49-0497

Tgt Ion:168 Resp: 593450

Ion	Ratio	Lower	Upper
168	100		
99	53.1	41.8	62.8

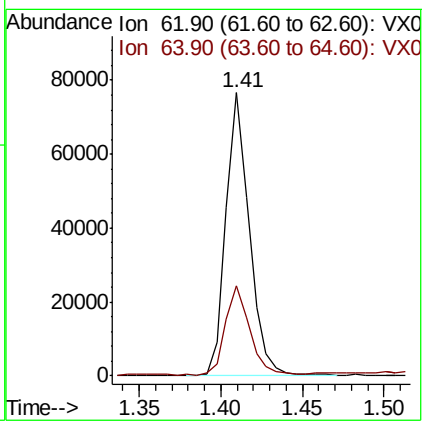


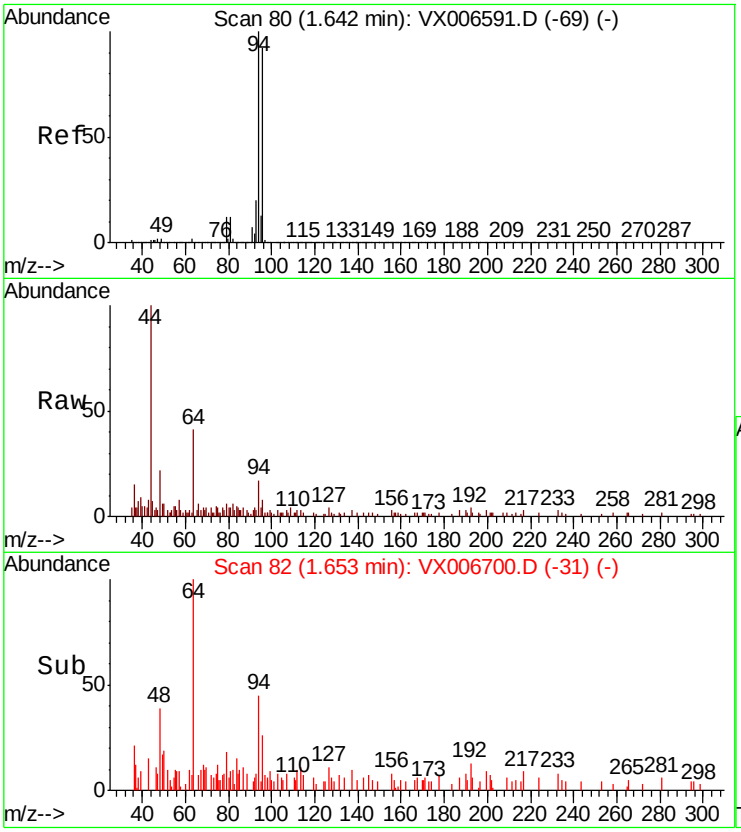


#4
Vinyl Chloride
Concen: 12.557 ug/l
RT: 1.41 min Scan# 42
Delta R.T. -0.00 min
Lab File: VX006700.D
Acq: 21 Dec 2018 02:54

Tgt Ion: 62 Resp: 76705

Ion	Ratio	Lower	Upper
62	100		
64	30.9	25.1	37.7



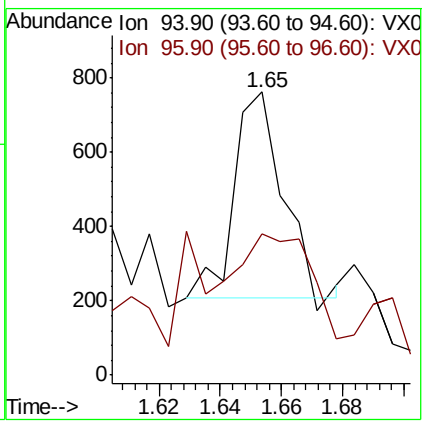


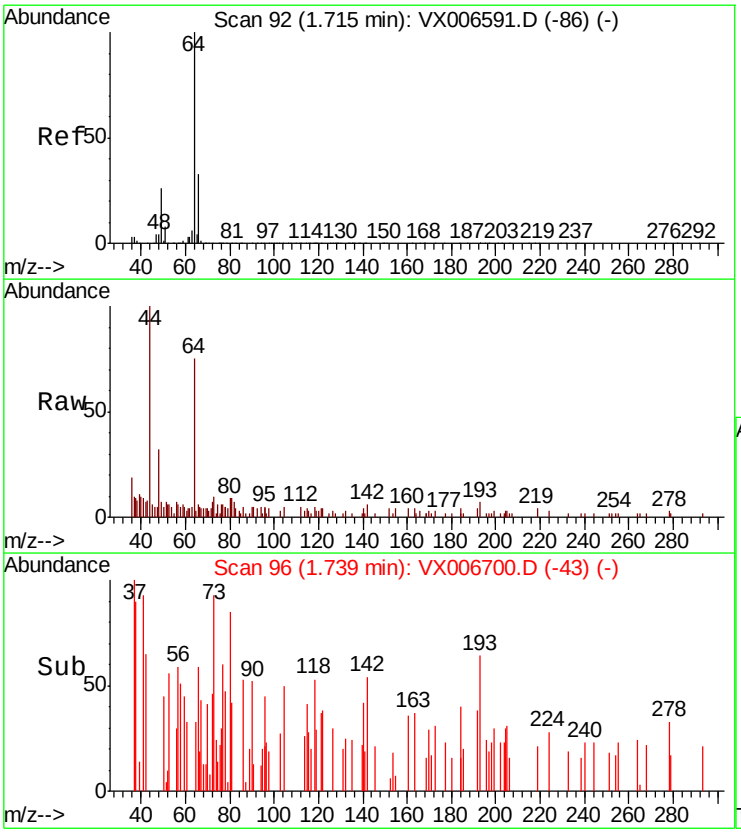
#5
Bromomethane
Concen: Below Cal
RT: 1.65 min Scan# 82
Delta R.T. 0.01 min
Lab File: VX006700.D
Acq: 21 Dec 2018 02:54

Instrument :
MSVOA_X
ClientSampleId :
S49-0497

Tgt Ion: 94 Resp: 604

Ion	Ratio	Lower	Upper
94	100		
96	51.0	73.4	110.2#

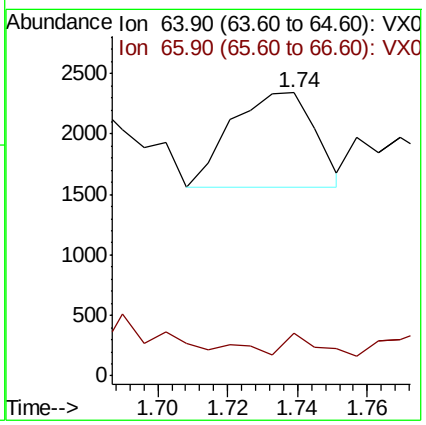


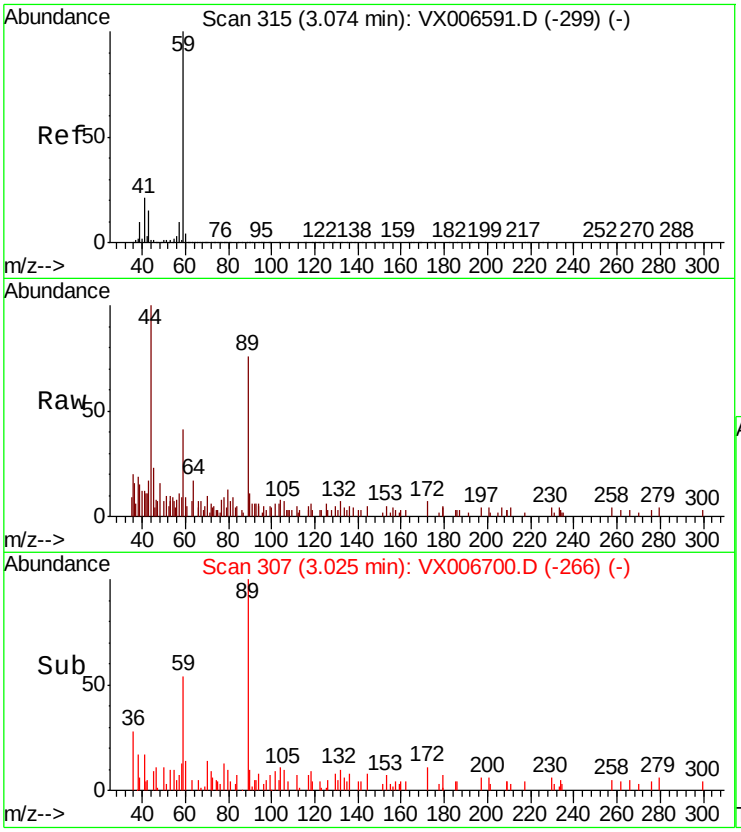


#6
Chloroethane
Concen: 0.307 ug/l
RT: 1.74 min Scan# 96
Delta R.T. 0.02 min
Lab File: VX006700.D
Acq: 21 Dec 2018 02:54

Tgt Ion: 64 Resp: 1297

Ion	Ratio	Lower	Upper
64	100		
66	15.9	26.4	39.6#



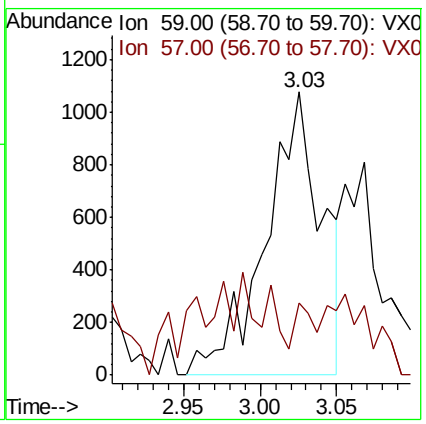


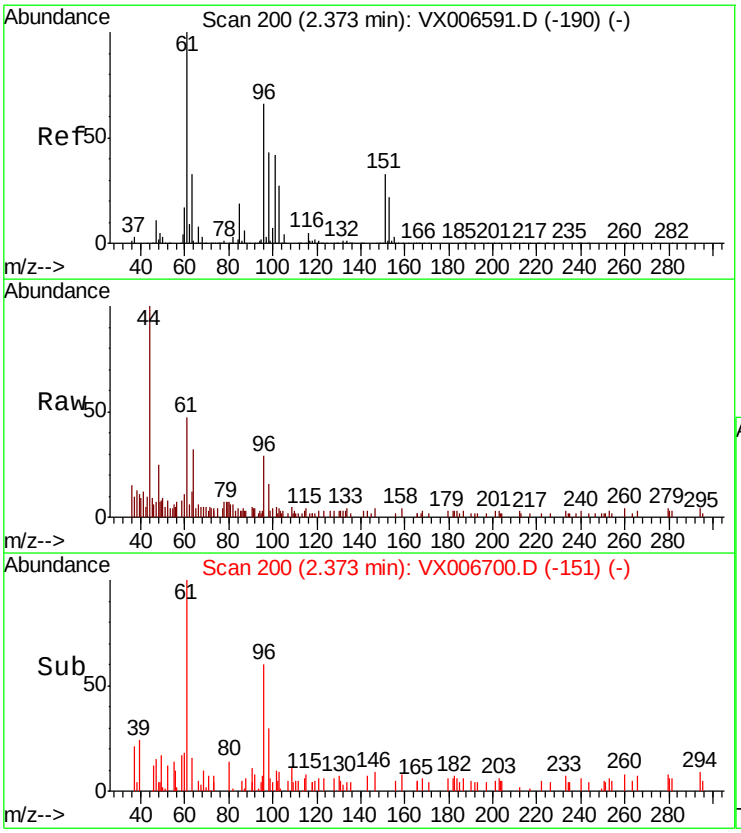
#11
Tert butyl alcohol
Concen: 1.922 ug/l
RT: 3.03 min Scan# 307
Delta R.T. -0.05 min
Lab File: VX006700.D
Acq: 21 Dec 2018 02:54

Instrument :
MSVOA_X
ClientSampleId :
S49-0497

Tgt Ion: 59 Resp: 2744

Ion	Ratio	Lower	Upper
59	100		
57	5.1	8.5	12.7#

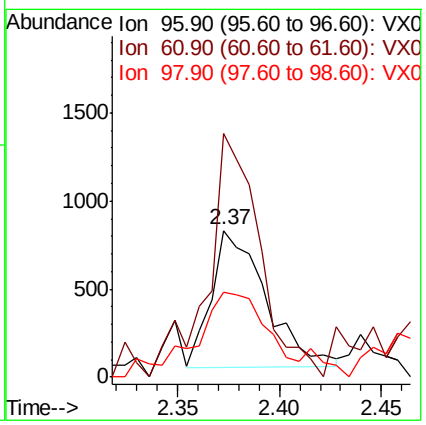


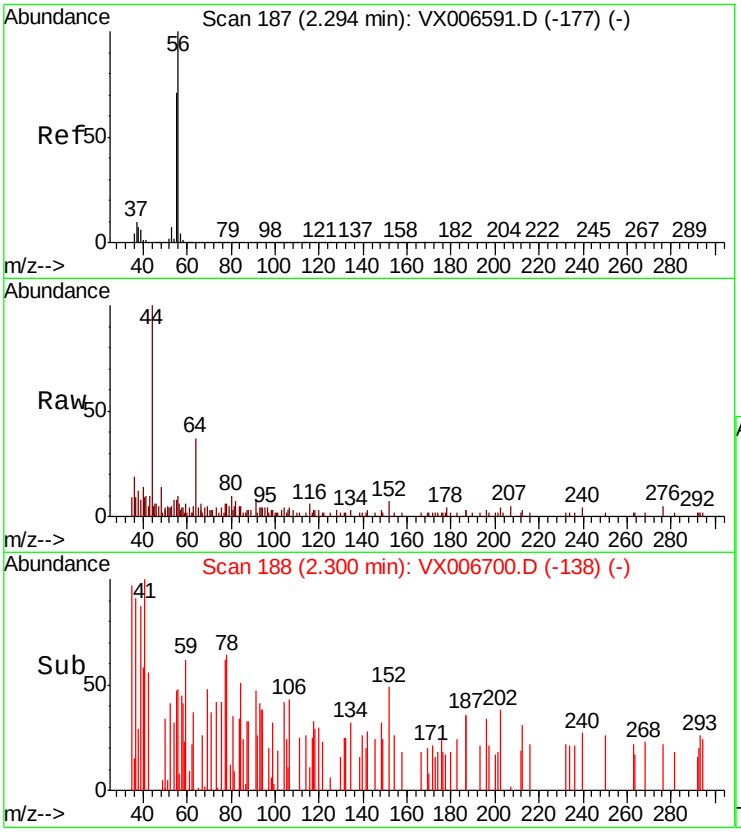


#12
1,1-Dichloroethene
Concen: 0.270 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX006700.D
Acq: 21 Dec 2018 02:54

Tgt Ion: 96 Resp: 1430

Ion	Ratio	Lower	Upper
96	100		
61	157.2	121.4	182.2
98	53.7	51.9	77.9



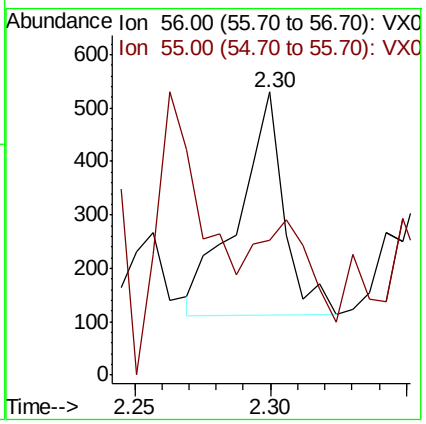


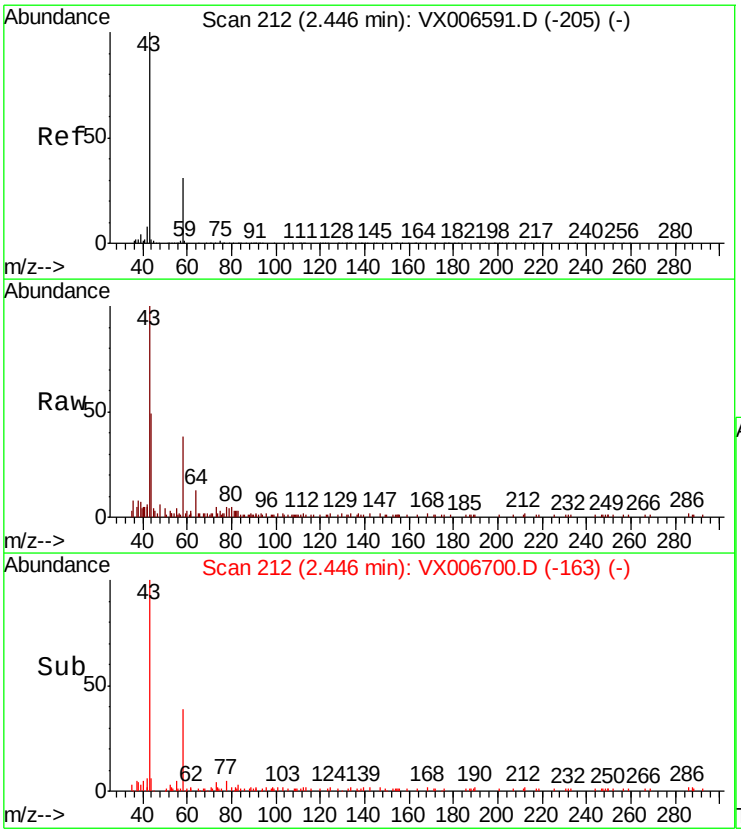
#13
Acrolein
Concen: 0.506 ug/l
RT: 2.30 min Scan# 188
Delta R.T. 0.01 min
Lab File: VX006700.D
Acq: 21 Dec 2018 02:54

Instrument :
MSVOA_X
ClientSampleId :
S49-0497

Tgt Ion: 56 Resp: 487

Ion	Ratio	Lower	Upper
56	100		
55	42.9	58.2	87.4#

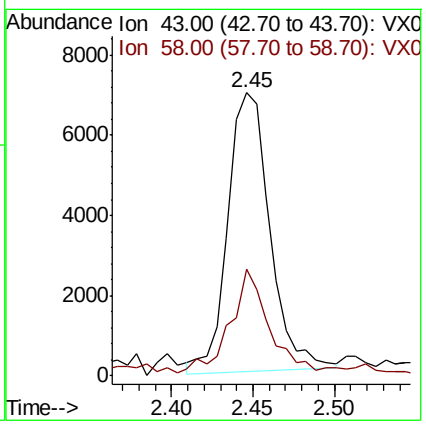


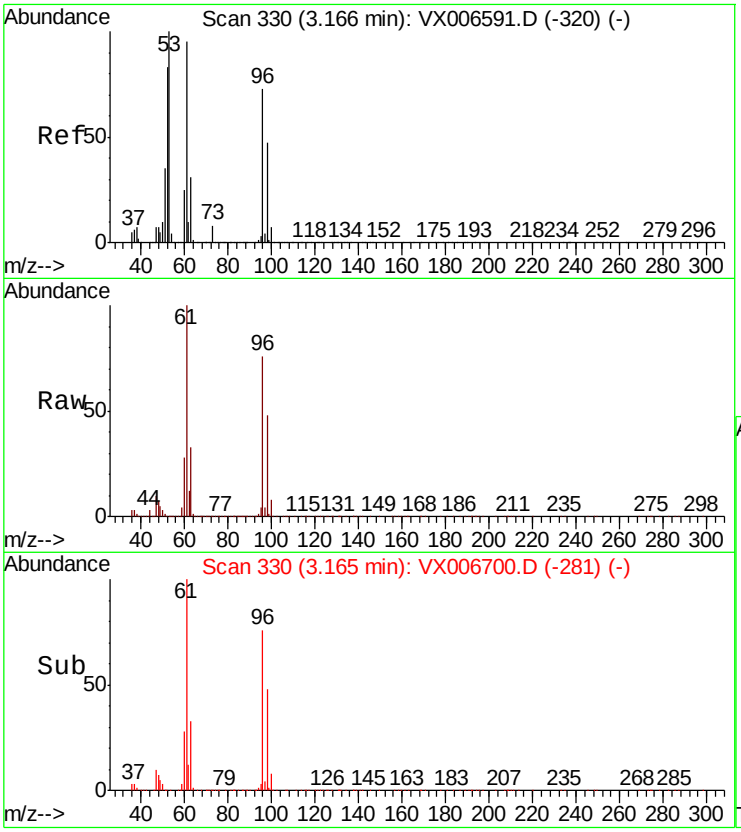


#16
Acetone
Concen: 4.276 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX006700.D
Acq: 21 Dec 2018 02:54

Tgt Ion: 43 Resp: 12565

Ion	Ratio	Lower	Upper
43	100		
58	36.3	25.0	37.6



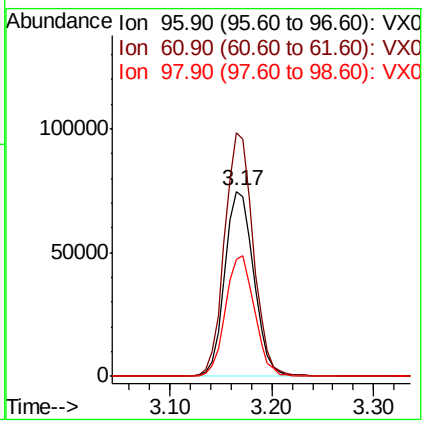


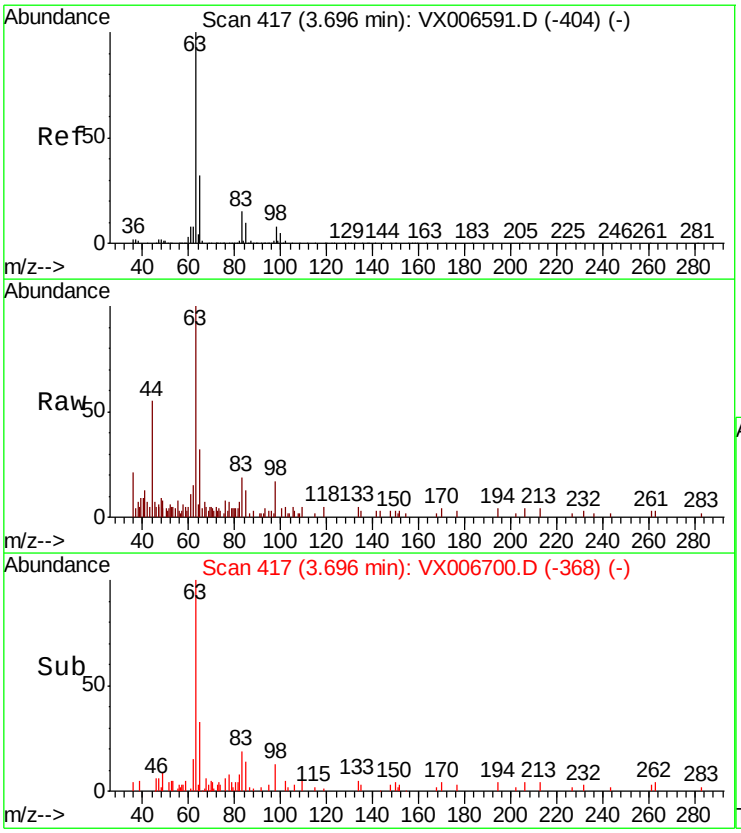
#21
trans-1,2-Dichloroethene
Concen: 24.908 ug/l
RT: 3.17 min Scan# 330
Delta R.T. -0.00 min
Lab File: VX006700.D
Acq: 21 Dec 2018 02:54

Instrument :
MSVOA_X
ClientSampleId :
S49-0497

Tgt Ion: 96 Resp: 146334

Ion	Ratio	Lower	Upper
96	100		
61	131.8	103.7	155.5
98	63.4	51.0	76.6

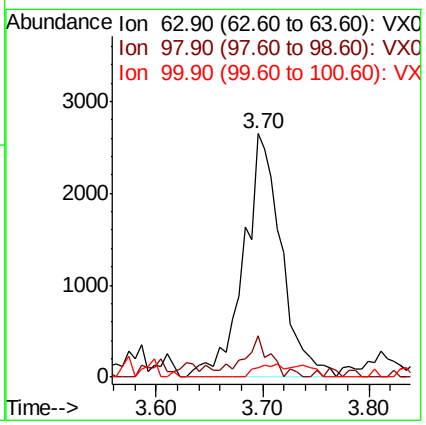


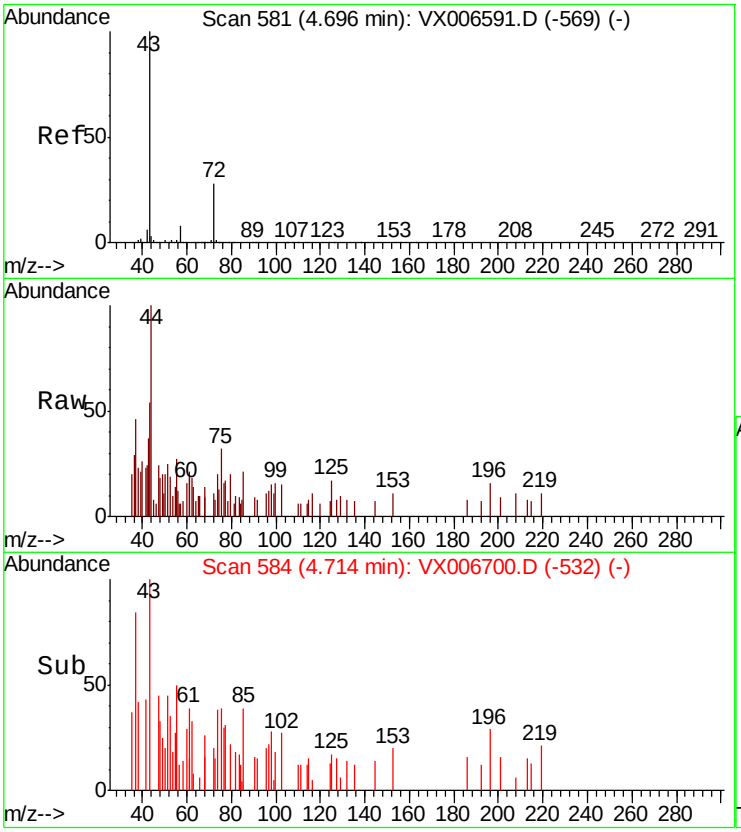


#24
1,1-Dichloroethane
Concen: 0.671 ug/l
RT: 3.70 min Scan# 417
Delta R.T. -0.00 min
Lab File: VX006700.D
Acq: 21 Dec 2018 02:54

Tgt Ion: 63 Resp: 6542

Ion	Ratio	Lower	Upper
63	100		
98	10.1	3.9	11.5
100	4.0	2.4	7.2



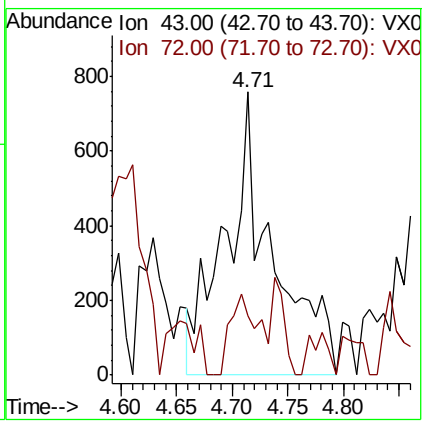


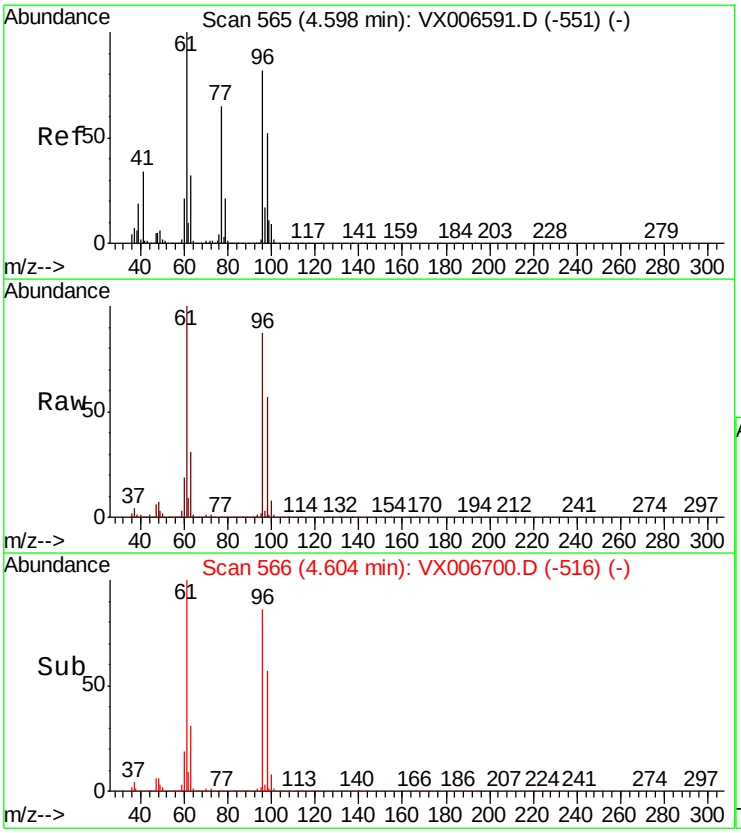
#25
2-Butanone
Concen: 0.541 ug/l
RT: 4.71 min Scan# 584
Delta R.T. 0.02 min
Lab File: VX006700.D
Acq: 21 Dec 2018 02:54

Instrument :
MSVOA_X
ClientSampleId :
S49-0497

Tgt Ion: 43 Resp: 2235

Ion	Ratio	Lower	Upper
43	100		
72	20.8	22.4	33.6#

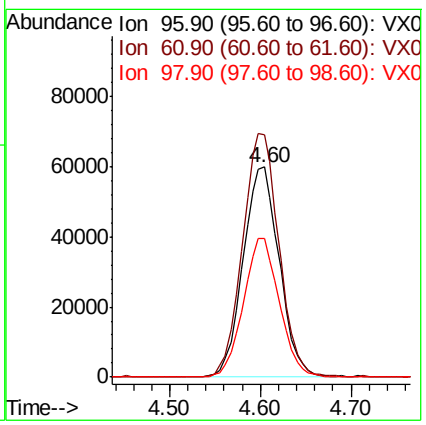


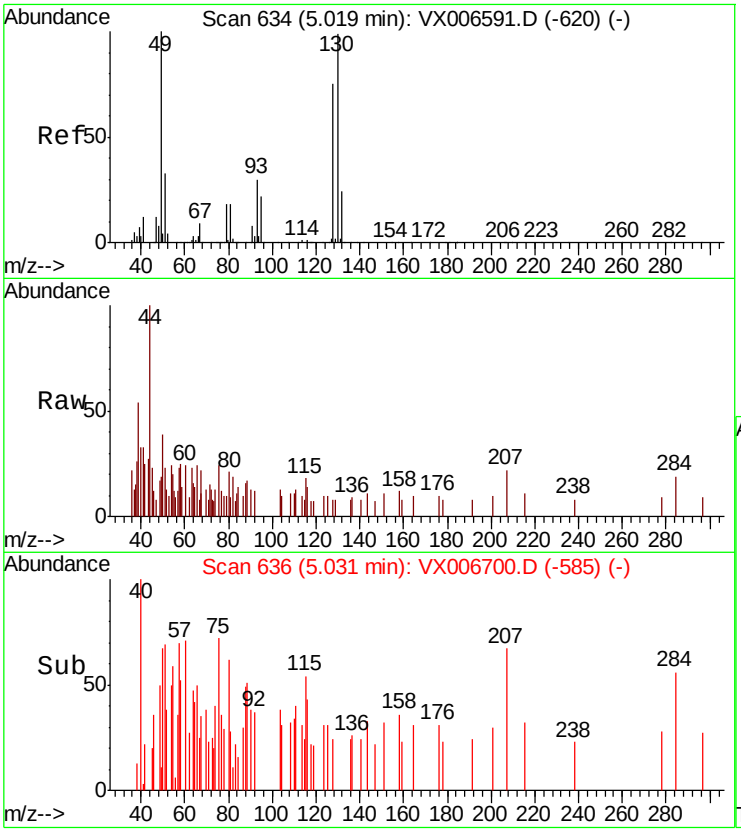


#27
cis-1,2-Dichloroethene
Concen: 25.484 ug/l
RT: 4.60 min Scan# 566
Delta R.T. 0.01 min
Lab File: VX006700.D
Acq: 21 Dec 2018 02:54

Tgt Ion: 96 Resp: 165186

Ion	Ratio	Lower	Upper
96	100		
61	116.1	0.0	258.6
98	65.7	0.0	132.0



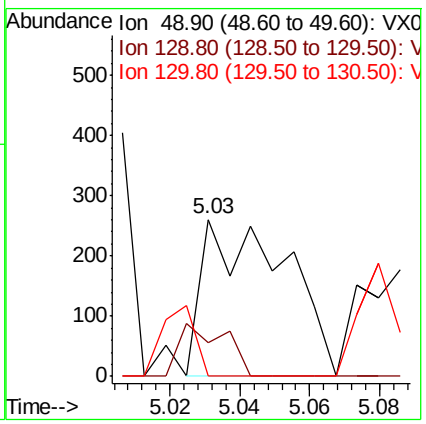


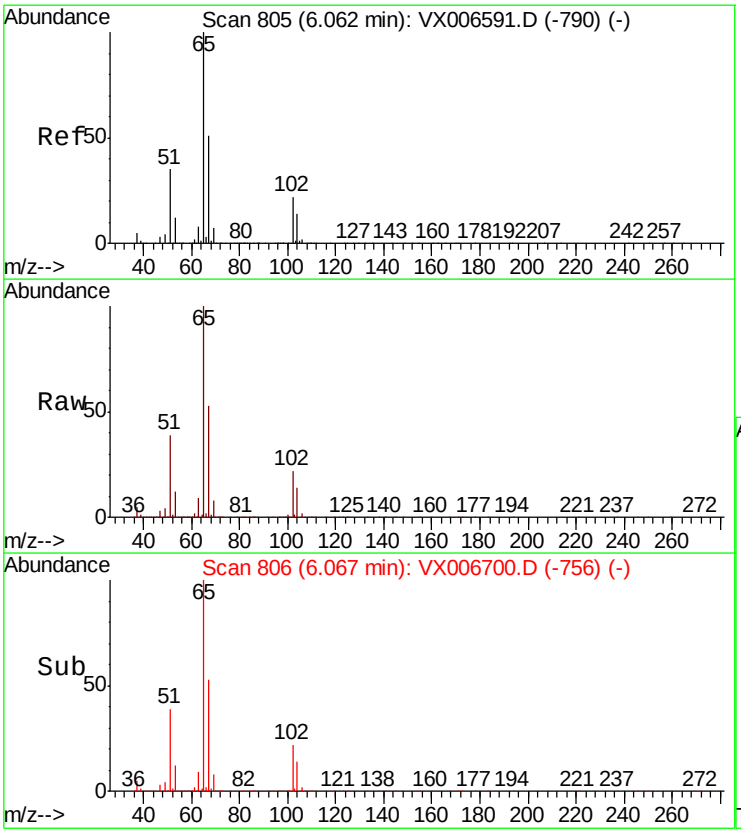
#28
Bromochloromethane
Concen: Below Cal
RT: 5.03 min Scan# 636
Delta R.T. 0.01 min
Lab File: VX006700.D
Acq: 21 Dec 2018 02:54

Instrument : MSVOA_X
ClientSampleId : S49-0497

Tgt Ion: 49 Resp: 430

Ion	Ratio	Lower	Upper
49	100		
129	18.8	0.0	5.4#
130	17.9	77.7	116.5#

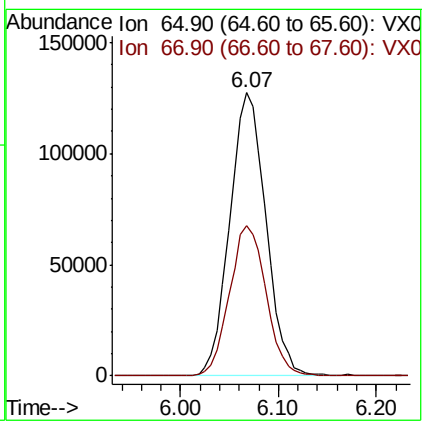


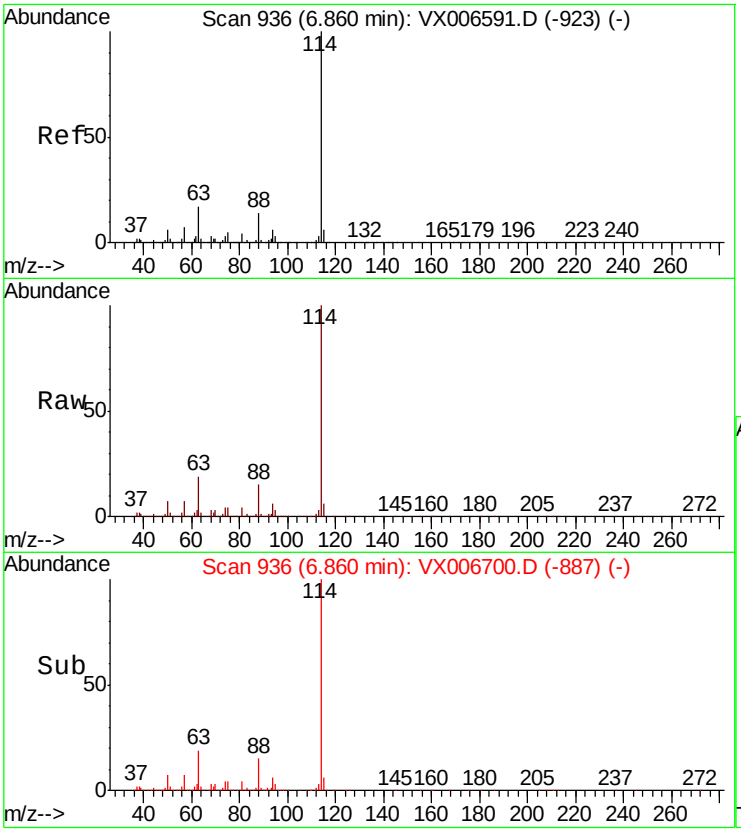


#33
1,2-Dichloroethane-d4
Concen: 50.856 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.01 min
Lab File: VX006700.D
Acq: 21 Dec 2018 02:54

Tgt Ion: 65 Resp: 325271

Ion	Ratio	Lower	Upper
65	100		
67	54.0	0.0	105.0



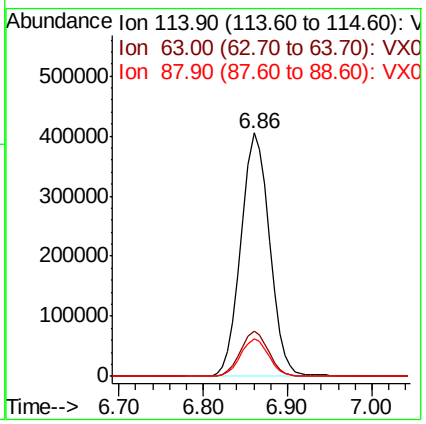


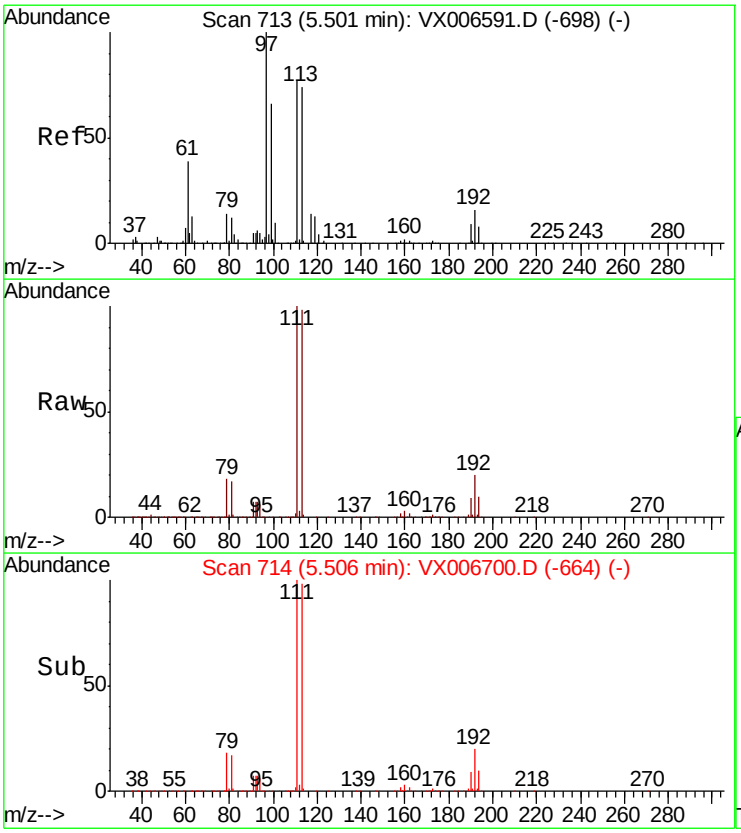
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX006700.D
Acq: 21 Dec 2018 02:54

Instrument : MSVOA_X
ClientSampleId : S49-0497

Tgt Ion:114 Resp: 934228

Ion	Ratio	Lower	Upper
114	100		
63	18.6	0.0	34.8
88	15.3	0.0	28.8

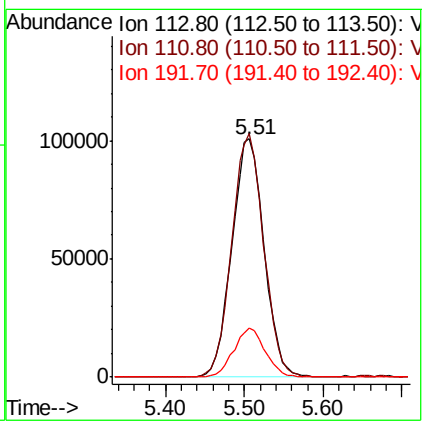


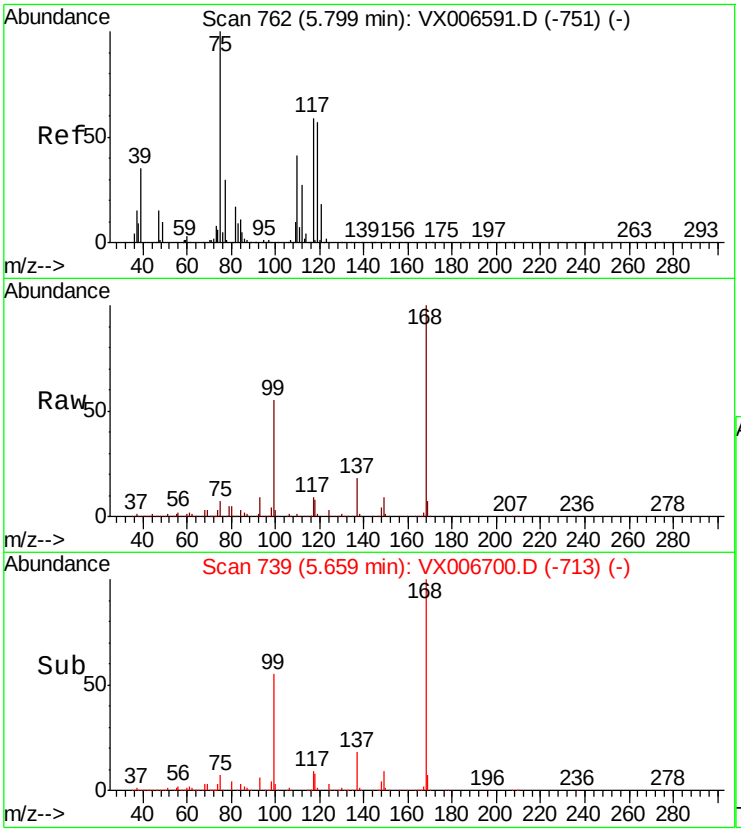


#35
Dibromofluoromethane
Concen: 48.497 ug/l
RT: 5.51 min Scan# 714
Delta R.T. 0.01 min
Lab File: VX006700.D
Acq: 21 Dec 2018 02:54

Tgt Ion:113 Resp: 286513

Ion	Ratio	Lower	Upper
113	100		
111	100.8	81.6	122.4
192	20.0	16.7	25.1



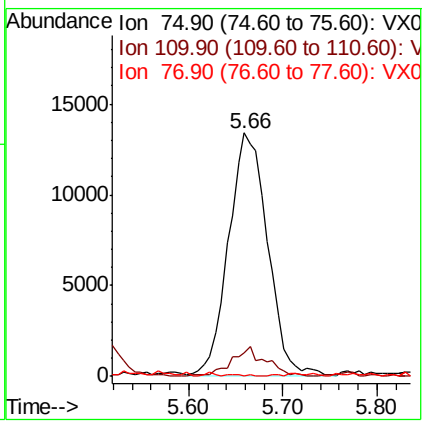


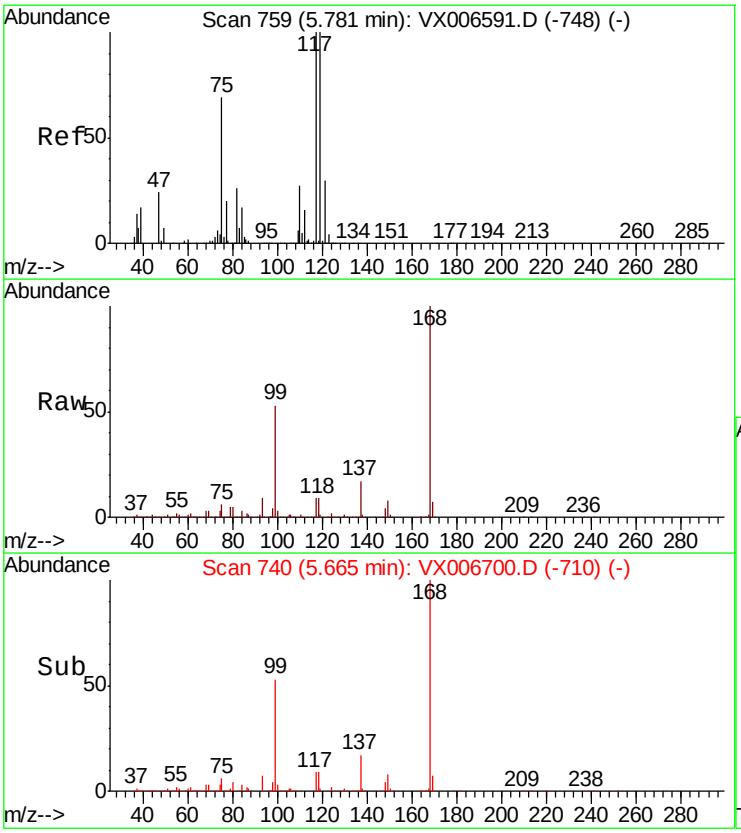
#36
1,1-Dichloropropene
Concen: 5.040 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.14 min
Lab File: VX006700.D
Acq: 21 Dec 2018 02:54

Instrument :
MSVOA_X
ClientSampleId :
S49-0497

Tgt Ion: 75 Resp: 38999

Ion	Ratio	Lower	Upper
75	100		
110	10.6	20.2	60.5#
77	0.3	24.8	37.2#

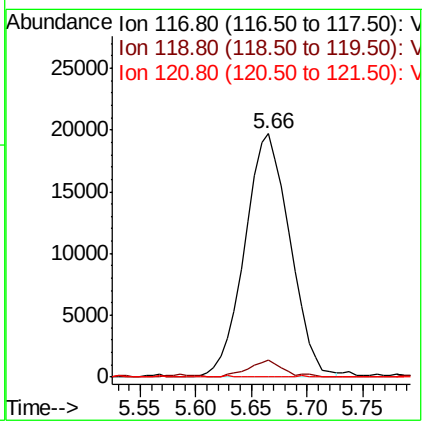


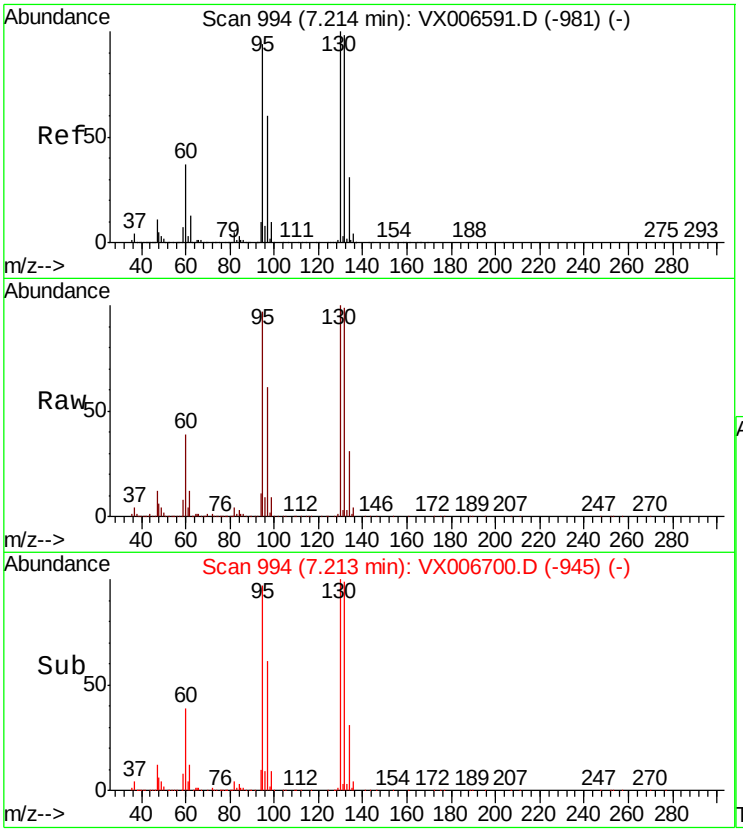


#38
Carbon Tetrachloride
Concen: 7.404 ug/l
RT: 5.66 min Scan# 740
Delta R.T. -0.12 min
Lab File: VX006700.D
Acq: 21 Dec 2018 02:54

Tgt Ion:117 Resp: 55678

Ion	Ratio	Lower	Upper
117	100		
119	6.5	79.4	119.2#
121	0.0	24.0	36.0#



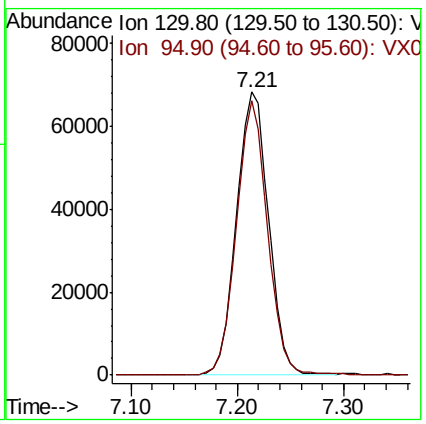


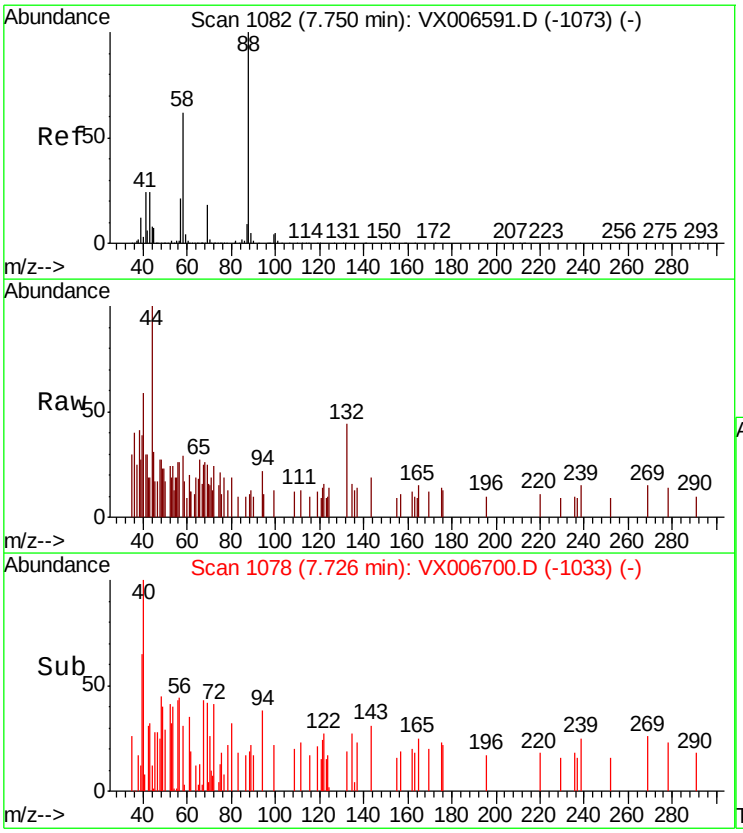
#44
Trichloroethene
Concen: 20.425 ug/l
RT: 7.21 min Scan# 994
Delta R.T. -0.00 min
Lab File: VX006700.D
Acq: 21 Dec 2018 02:54

Instrument : MSVOA_X
ClientSampleId : S49-0497

Tgt Ion:130 Resp: 145397

Ion	Ratio	Lower	Upper
130	100		
95	96.8	0.0	187.0

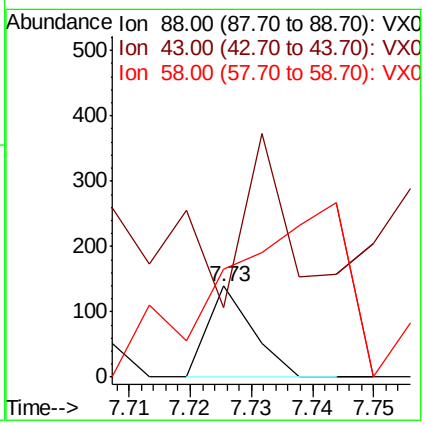


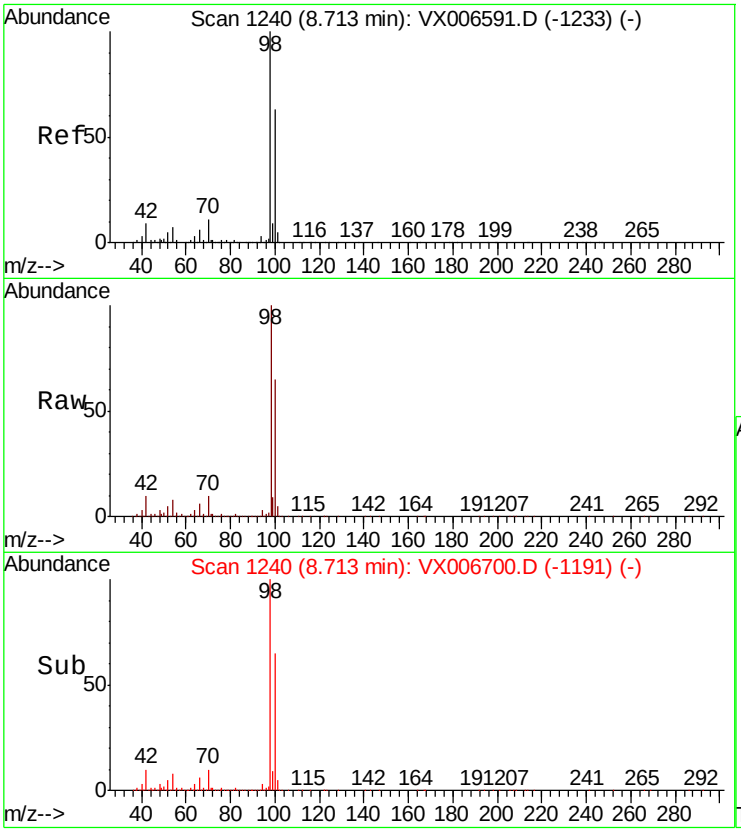


#49
1,4-Dioxane
Concen: Below Cal
RT: 7.73 min Scan# 1078
Delta R.T. -0.02 min
Lab File: VX006700.D
Acq: 21 Dec 2018 02:54

Tgt Ion: 88 Resp: 69

Ion	Ratio	Lower	Upper
88	100		
43	0.0	22.2	33.4#
58	0.0	51.0	76.4#



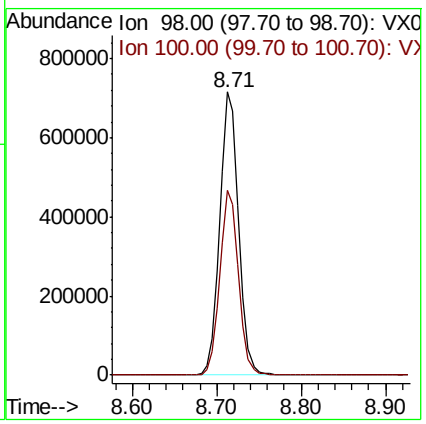


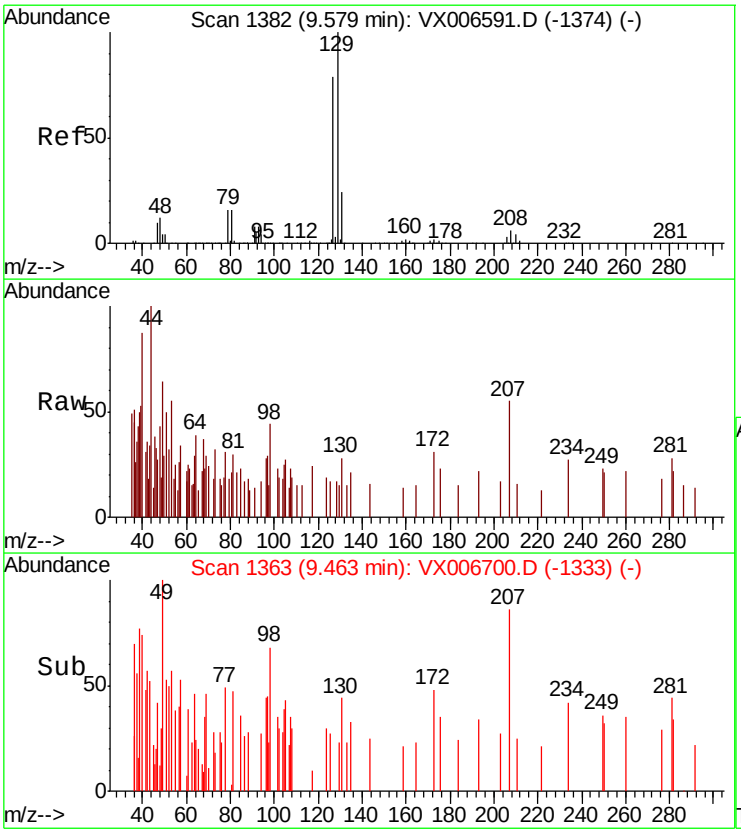
#50
Toluene-d8
Concen: 49.739 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX006700.D
Acq: 21 Dec 2018 02:54

Instrument :
MSVOA_X
ClientSampleId :
S49-0497

Tgt Ion: 98 Resp: 1107823

Ion	Ratio	Lower	Upper
98	100		
100	64.6	52.0	78.0

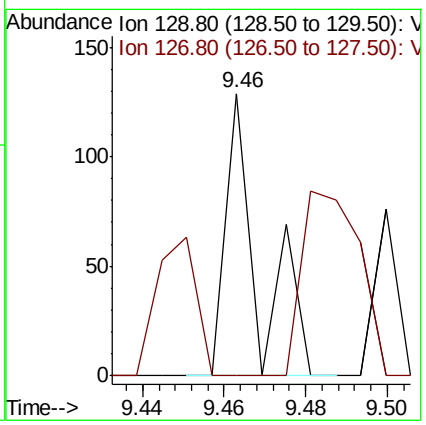


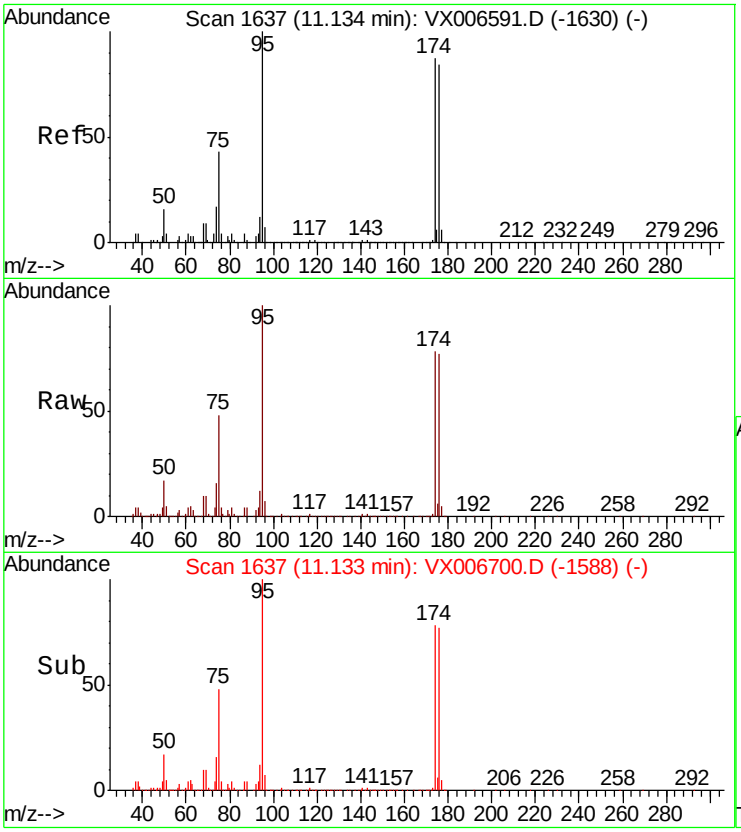


#60
Dibromochloromethane
Concen: 2.335 ug/l
RT: 9.46 min Scan# 1363
Delta R.T. -0.12 min
Lab File: VX006700.D
Acq: 21 Dec 2018 02:54

Tgt Ion:129 Resp: 72

Ion	Ratio	Lower	Upper
129	100		
127	58.3	39.3	117.8



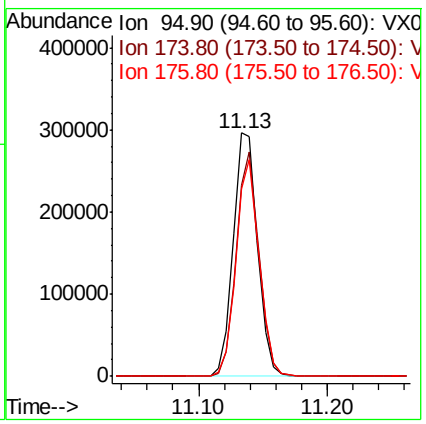


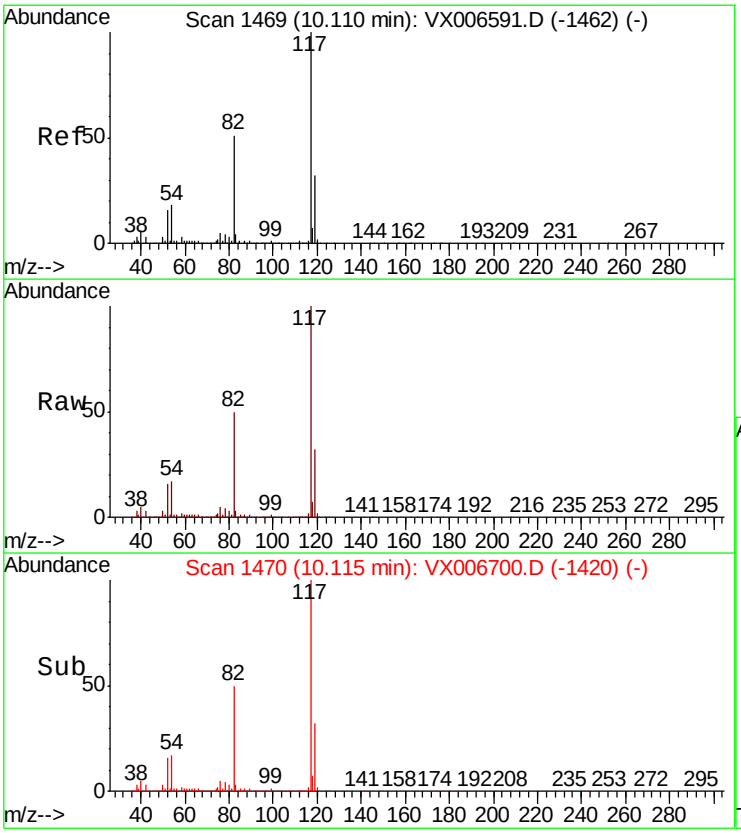
#62
4-Bromofluorobenzene
Concen: 47.806 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX006700.D
Acq: 21 Dec 2018 02:54

Instrument :
MSVOA_X
ClientSampleId :
S49-0497

Tgt Ion: 95 Resp: 389967

Ion	Ratio	Lower	Upper
95	100		
174	86.3	0.0	182.2
176	84.1	0.0	178.8

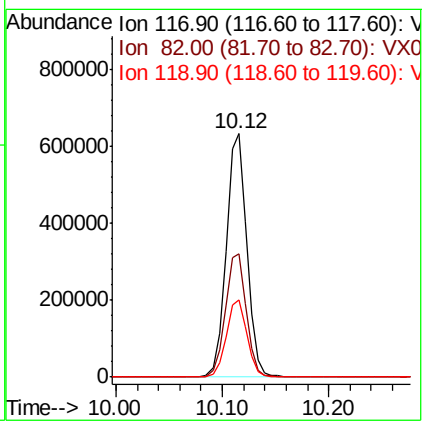


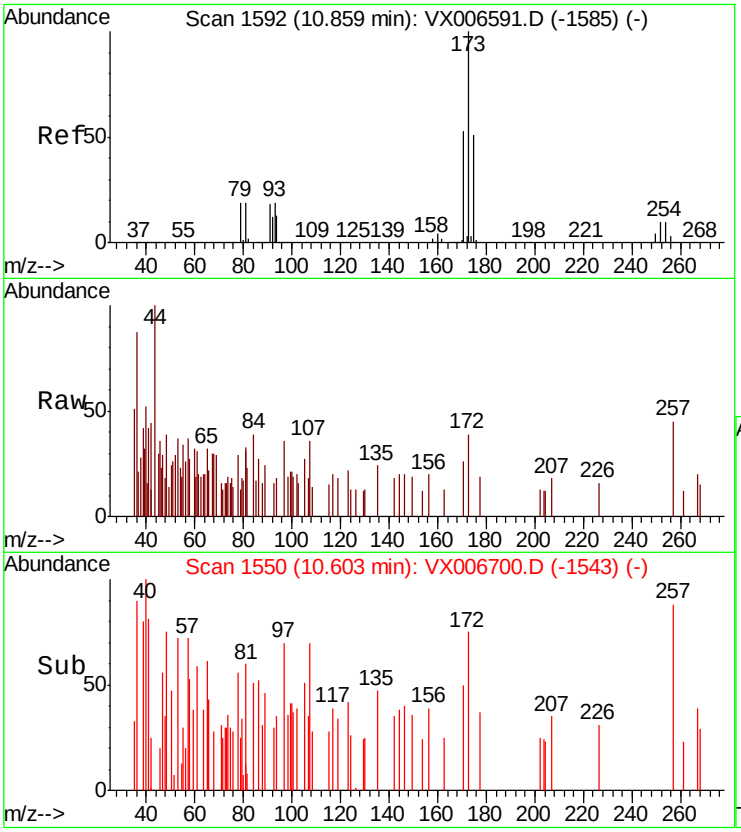


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX006700.D
Acq: 21 Dec 2018 02:54

Tgt Ion:117 Resp: 856100

Ion	Ratio	Lower	Upper
117	100		
82	50.4	41.0	61.6
119	31.9	25.4	38.0



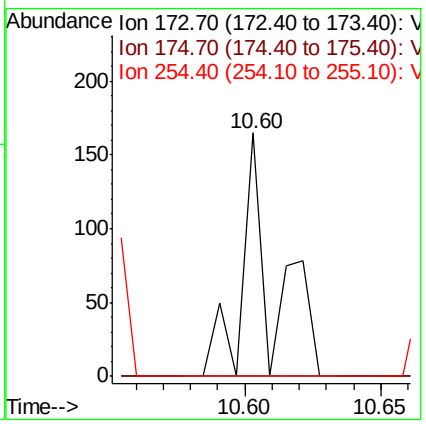


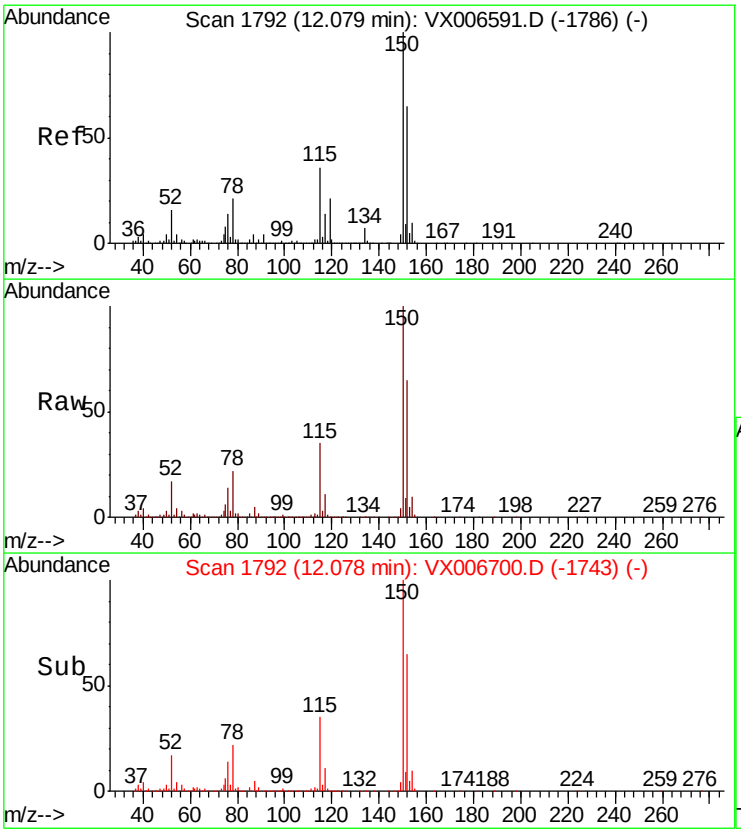
#71
Bromoform
Concen: 4.484 ug/l
RT: 10.60 min Scan# 1550
Delta R.T. -0.26 min
Lab File: VX006700.D
Acq: 21 Dec 2018 02:54

Instrument : MSVOA_X
ClientSampleId : S49-0497

Tgt Ion:173 Resp: 135

Ion	Ratio	Lower	Upper
173	100		
175	0.0	24.7	74.1#
254	0.0	0.2	0.2#

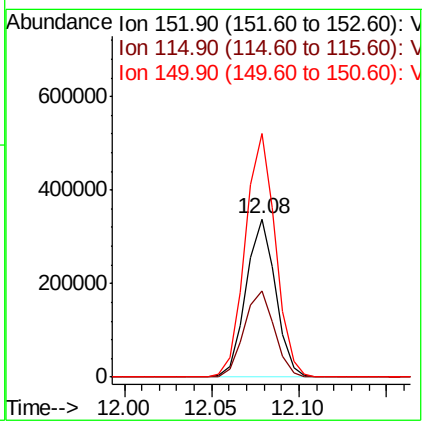


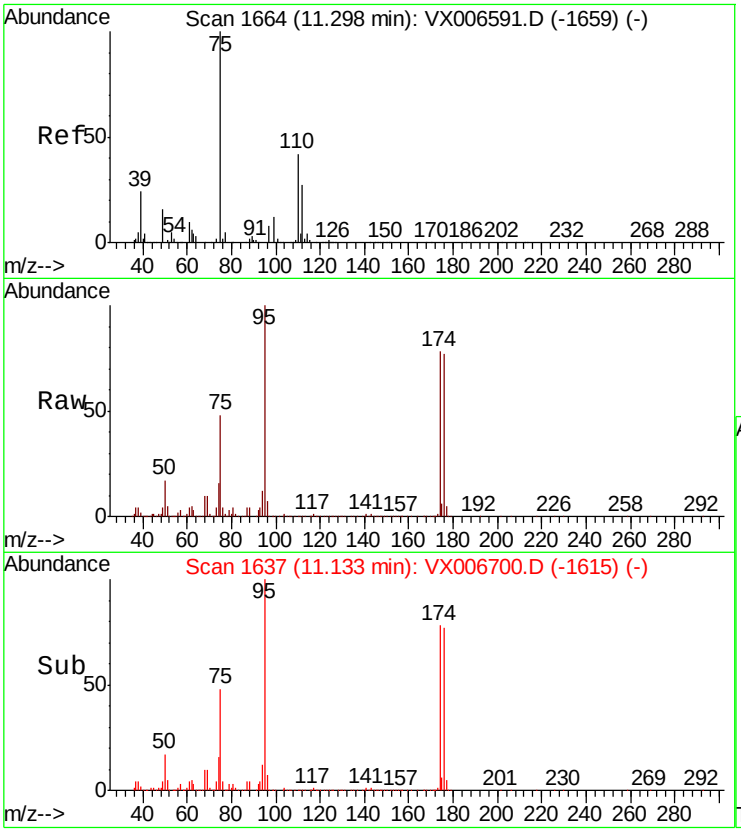


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX006700.D
Acq: 21 Dec 2018 02:54

Tgt Ion:152 Resp: 397304

Ion	Ratio	Lower	Upper
152	100		
115	56.1	39.1	117.2
150	157.6	0.0	344.8



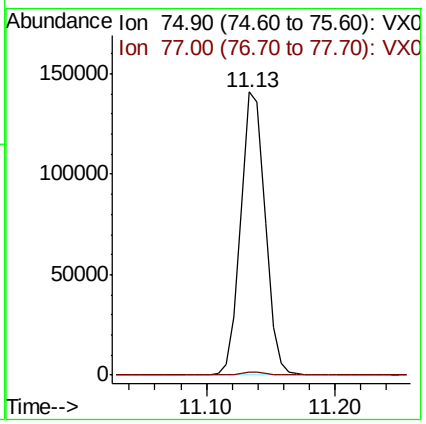


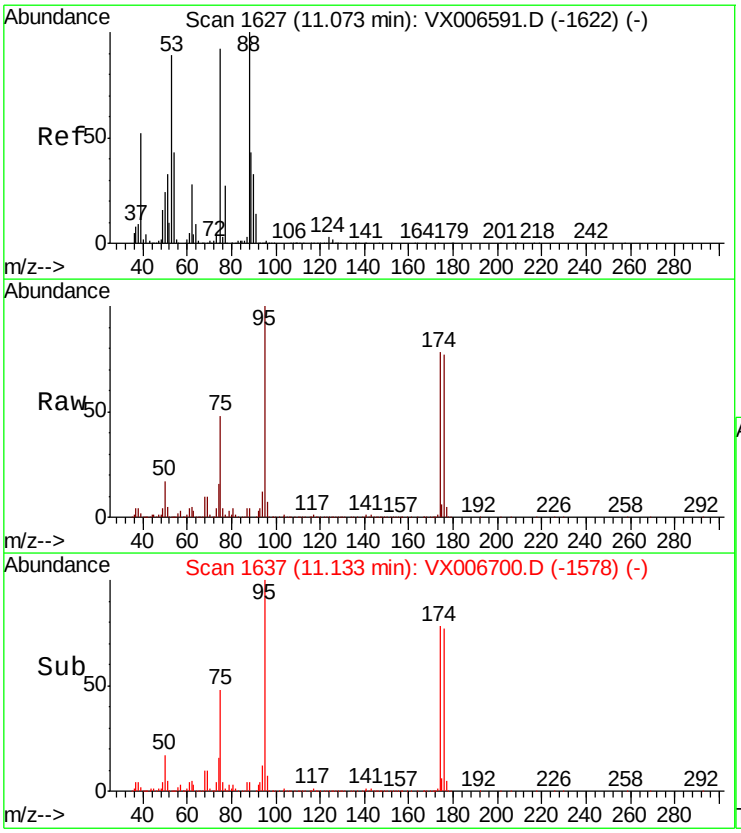
#76
1,2,3-Trichloropropane
Concen: 24.972 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX006700.D
Acq: 21 Dec 2018 02:54

Instrument :
MSVOA_X
ClientSampleId :
S49-0497

Tgt Ion: 75 Resp: 184381

Ion	Ratio	Lower	Upper
75	100		
77	1.4	18.5	55.5#

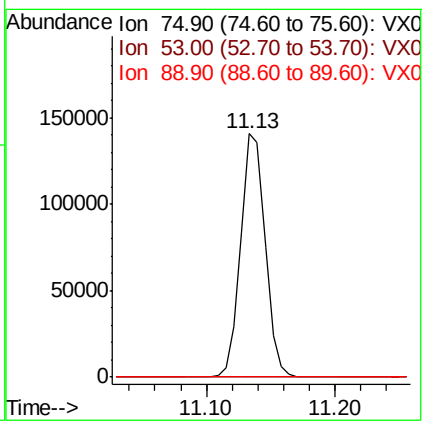


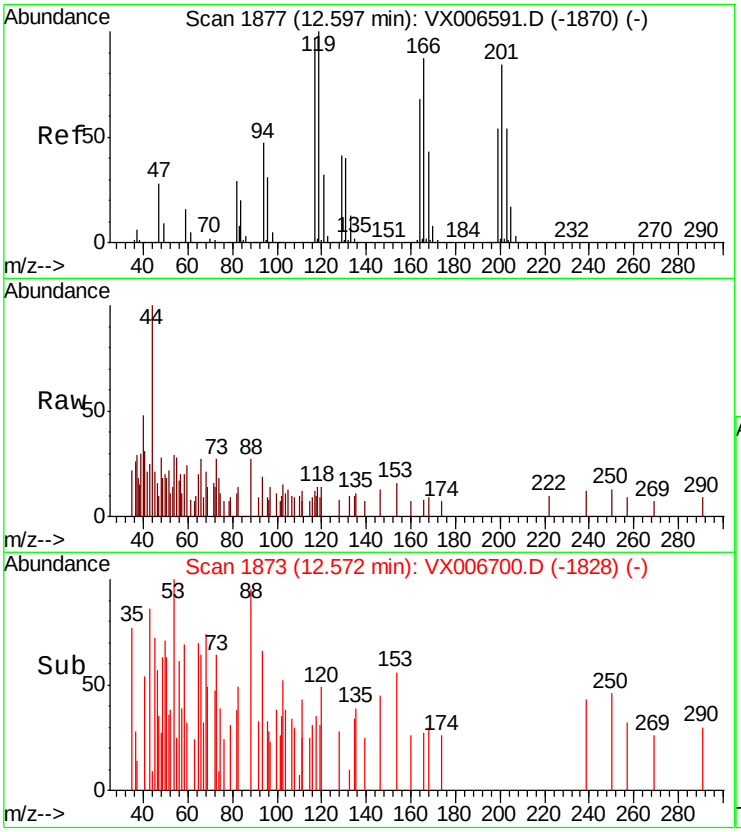


#81
trans-1,4-Dichloro-2-butene
Concen: 73.796 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX006700.D
Acq: 21 Dec 2018 02:54

Tgt Ion: 75 Resp: 184381

Ion	Ratio	Lower	Upper
75	100		
53	0.3	79.7	119.5#
89	0.1	38.0	57.0#





#90
Hexachloroethane
Concen: 3.329 ug/l
RT: 12.57 min Scan# 1873
Delta R.T. -0.02 min
Lab File: VX006700.D
Acq: 21 Dec 2018 02:54

Instrument :
MSVOA_X
ClientSampleId :
S49-0497

Tgt Ion:117 Resp: 144

Ion	Ratio	Lower	Upper
117	100		
201	50.0	42.9	128.7