Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX091918\
Data File : VX004704.D
Acq On : 19 Sep 2018 14:32
Operator : JC/MD
Sample : J4939-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId :

Quant Time: Sep 20 03:48:10 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 12 02:17:23 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.66	168	236720	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.86	114	358949	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.12	117	326809	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	183733	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.07	65	138878	45.50	ug/l		0.00
Spiked Amount 50.000			Recovery = 91.00%				
35) Dibromofluoromethane	5.50	113	135441	41.23	ug/l		0.00
Spiked Amount 50.000			Recovery = 82.46%				
50) Toluene-d8	8.71	98	489131	44.40	ug/l		0.00
Spiked Amount 50.000			Recovery = 88.80%				
62) 4-Bromofluorobenzene	11.14	95	173148	44.04	ug/l		0.00
Spiked Amount 50.000			Recovery = 88.08%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.45	85	2568	1.16	ug/l		97
3) Chloromethane	1.32	50	716	0.23	ug/l		93
4) Vinyl Chloride	1.40	62	29400	9.38	ug/l		100
5) Bromomethane	1.65	94	834	Below Cal			88
6) Chloroethane	1.73	64	1174	0.58	ug/l		92
9) 1,1,2-Trichlorotrifluoroet	2.37	101	607	0.23	ug/l	#	17
10) Methyl Iodide	2.51	142	1004	4.55	ug/l	#	93
11) Tert butyl alcohol	3.07	59	1100	1.51	ug/l	#	88
12) 1,1-Dichloroethene	2.37	96	195397	79.00	ug/l		96
13) Acrolein	2.29	56	119	0.41	ug/l	#	56
16) Acetone	2.45	43	4392	2.95	ug/l	#	86
20) Methylene Chloride	2.85	84	964	0.32	ug/l	#	78
21) trans-1,2-Dichloroethene	3.16	96	634	0.23	ug/l		87
24) 1,1-Dichloroethane	3.69	63	156502	30.27	ug/l		99
27) cis-1,2-Dichloroethene	4.60	96	41190	13.50	ug/l		92
29) Tetrahydrofuran	5.16	42	574	0.40	ug/l	#	60
32) 1,1,1-Trichloroethane	5.51	97	1299	0.32	ug/l	#	23
36) 1,1-Dichloropropene	5.67	75	14576	3.34	ug/l	#	50
38) Carbon Tetrachloride	5.66	117	19985	4.70	ug/l	#	16
39) Methylcyclohexane	7.46	83	1347	0.30	ug/l		90
40) Benzene	6.14	78	6581	0.51	ug/l		94
42) 1,2-Dichloroethane	6.20	62	9071	2.12	ug/l		100
43) Isopropyl Acetate	6.38	43	19069	2.90	ug/l	#	60
44) Trichloroethene	7.22	130	3200	0.95	ug/l		98
48) Methyl methacrylate	7.75	41	891	0.27	ug/l	#	44
49) 1,4-Dioxane	7.76	88	43361	562.34	ug/l	#	96
58) 2-Chloroethyl Vinyl ether	8.37	63	196	7.35	ug/l	#	45
76) 1,2,3-Trichloropropane	11.14	75	80406	21.75	ug/l	#	38
81) trans-1,4-Dichloro-2-buten	11.14	75	80406	69.33	ug/l	#	15

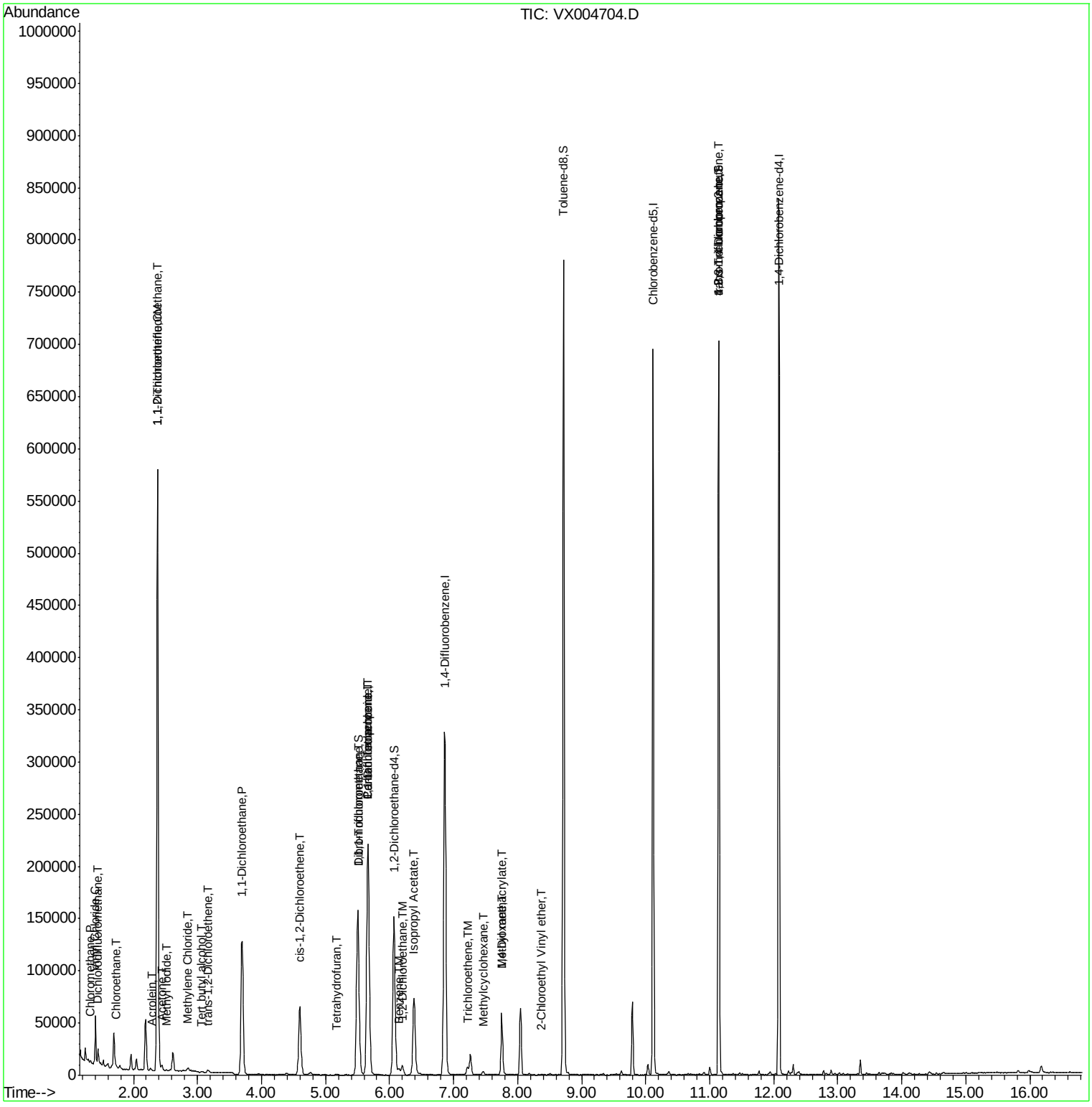
(#) = qualifier out of range (m) = manual integration (+) = signals summed

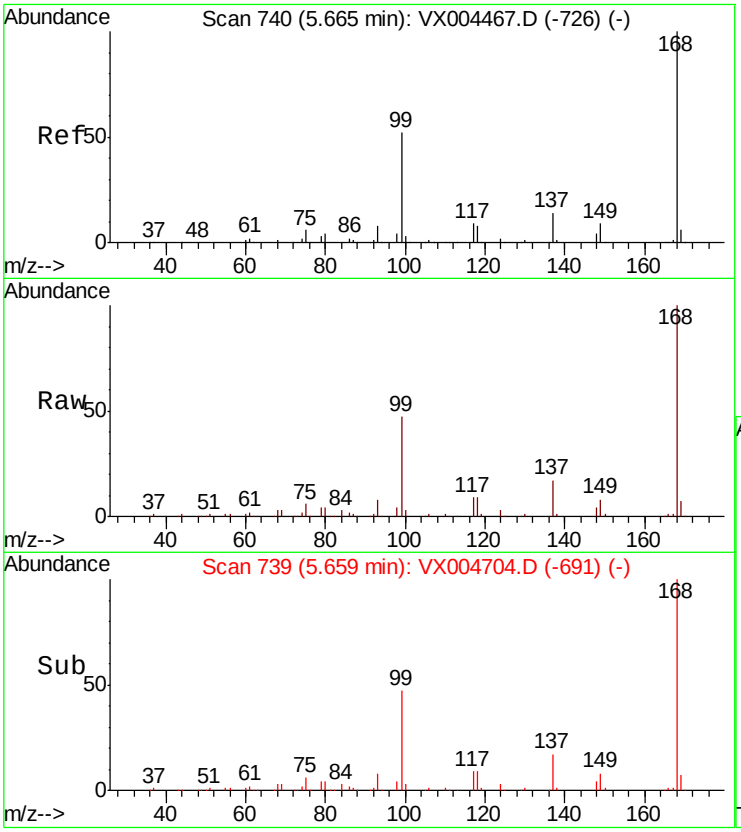
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091918\
Data File : VX004704.D
Acq On : 19 Sep 2018 14:32
Operator : JC/MD
Sample : J4939-02
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Sep 20 03:48:10 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 12 02:17:23 2018
Response via : Initial Calibration



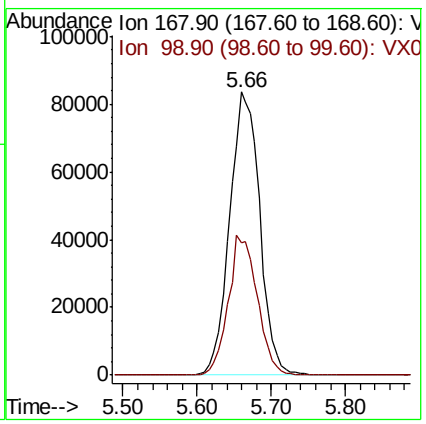


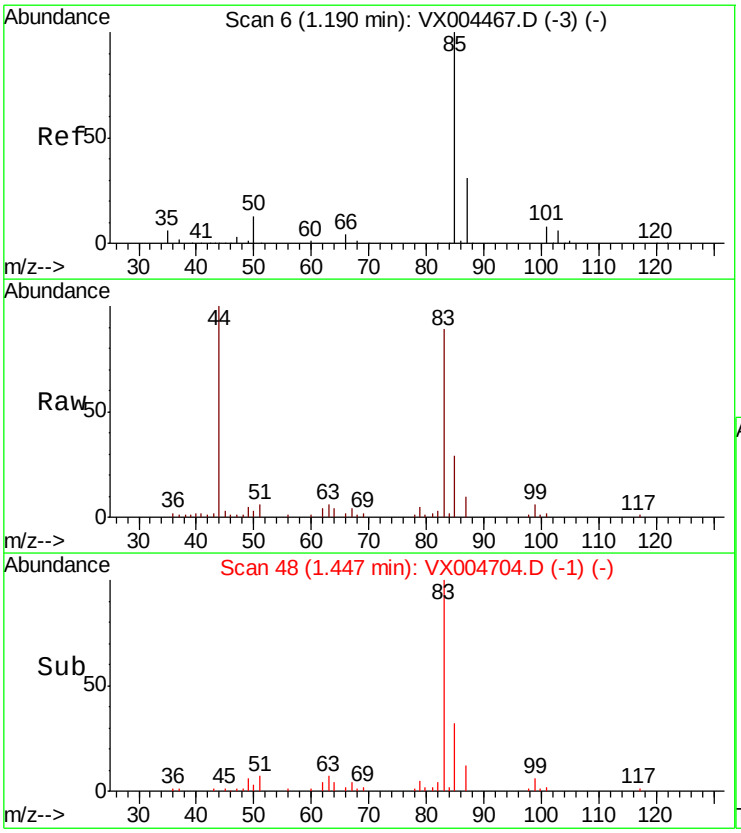
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.01 min
Lab File: VX004704.D
Acq: 19 Sep 2018 14:32

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 236720

Ion	Ratio	Lower	Upper
168	100		
99	46.7	39.9	59.9

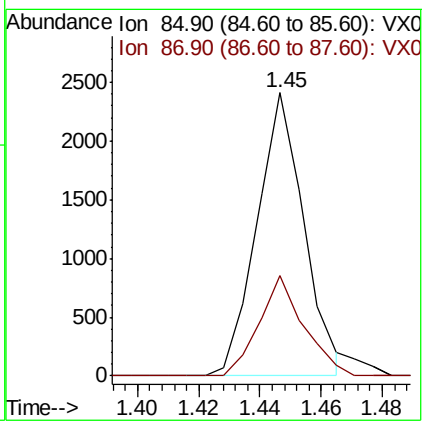


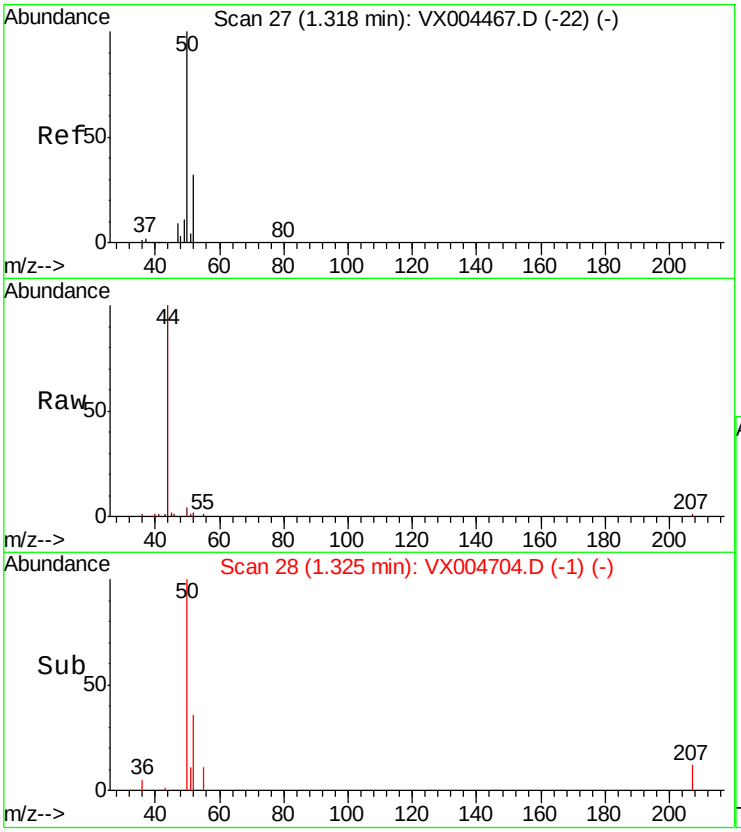


#2
Dichlorodifluoromethane
Concen: 1.16 ug/l
RT: 1.45 min Scan# 48
Delta R.T. 0.26 min
Lab File: VX004704.D
Acq: 19 Sep 2018 14:32

Tgt Ion: 85 Resp: 2568

Ion	Ratio	Lower	Upper
85	100		
87	35.6	17.0	50.9



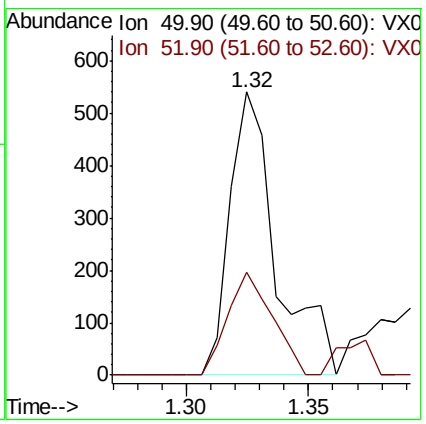


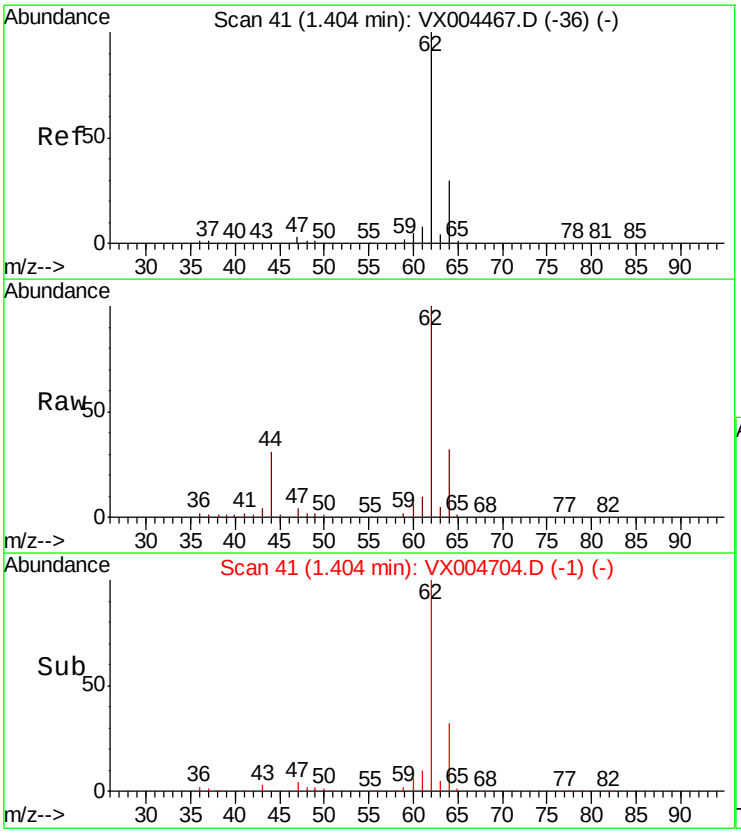
#3
Chloromethane
Concen: 0.23 ug/l
RT: 1.32 min Scan# 28
Delta R.T. 0.01 min
Lab File: VX004704.D
Acq: 19 Sep 2018 14:32

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 50 Resp: 716

Ion	Ratio	Lower	Upper
50	100		
52	36.5	26.2	39.2

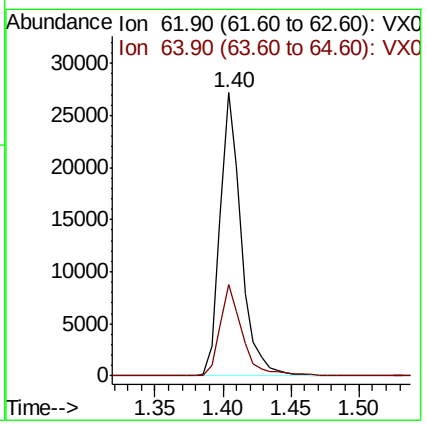


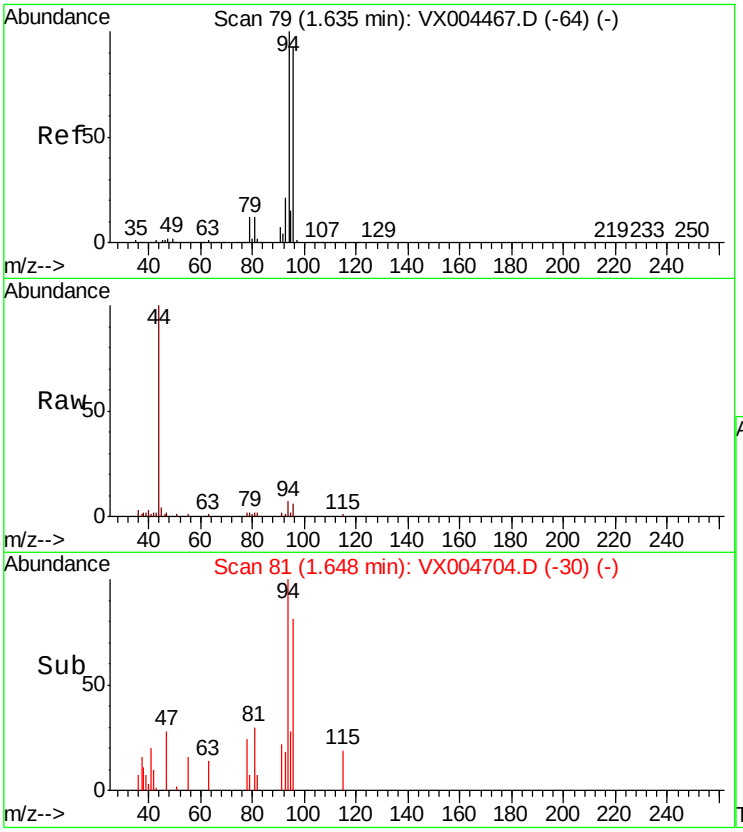


#4
Vinyl Chloride
Concen: 9.38 ug/l
RT: 1.40 min Scan# 41
Delta R.T. 0.00 min
Lab File: VX004704.D
Acq: 19 Sep 2018 14:32

Tgt Ion: 62 Resp: 29400

Ion	Ratio	Lower	Upper
62	100		
64	32.1	25.8	38.8



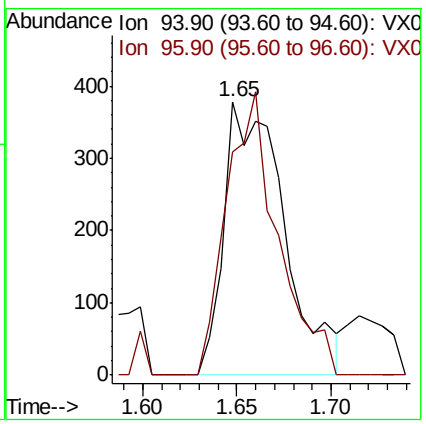


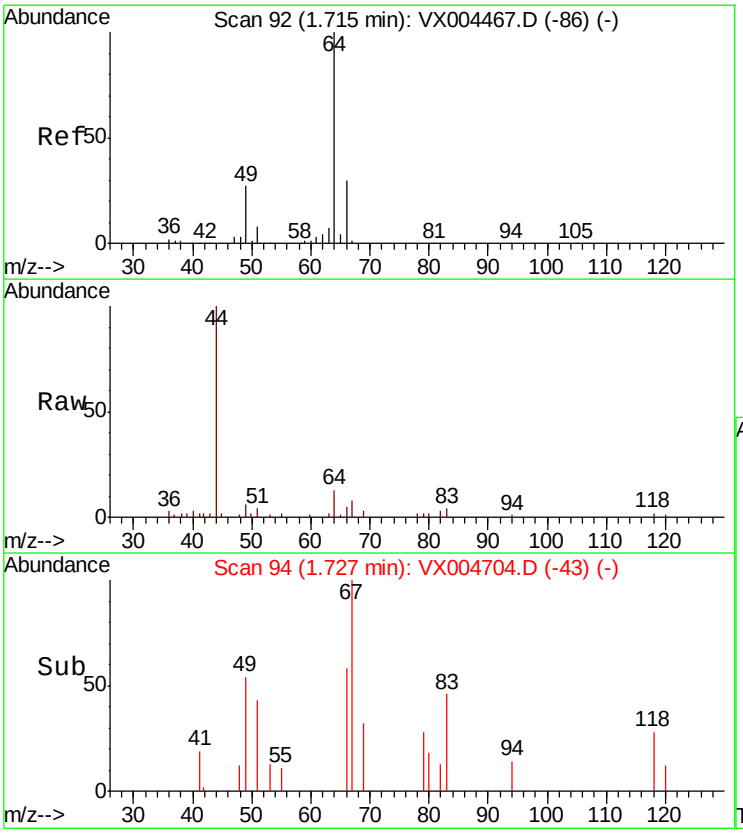
#5
Bromomethane
Concen: Below Cal
RT: 1.65 min Scan# 81
Delta R.T. 0.01 min
Lab File: VX004704.D
Acq: 19 Sep 2018 14:32

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 94 Resp: 834

Ion	Ratio	Lower	Upper
94	100		
96	81.5	74.5	111.7

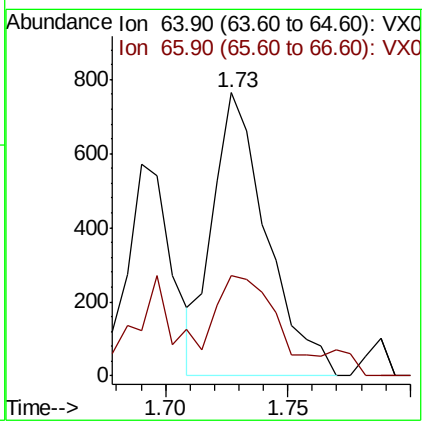


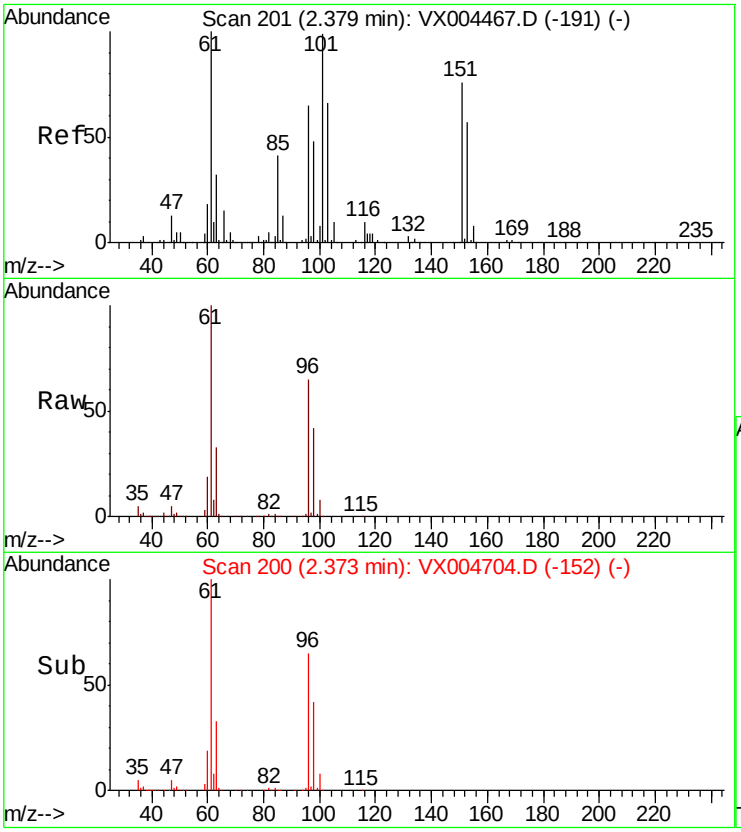


#6
Chloroethane
Concen: 0.58 ug/l
RT: 1.73 min Scan# 94
Delta R.T. 0.01 min
Lab File: VX004704.D
Acq: 19 Sep 2018 14:32

Tgt Ion: 64 Resp: 1174

Ion	Ratio	Lower	Upper
64	100		
66	26.6	24.6	36.8



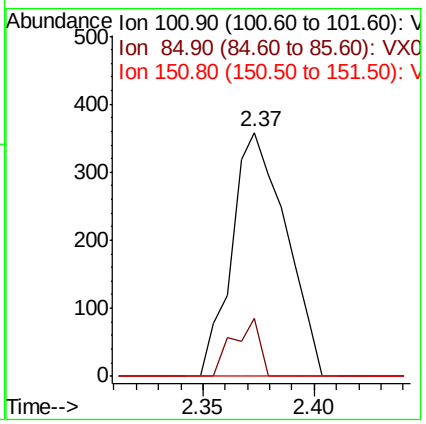


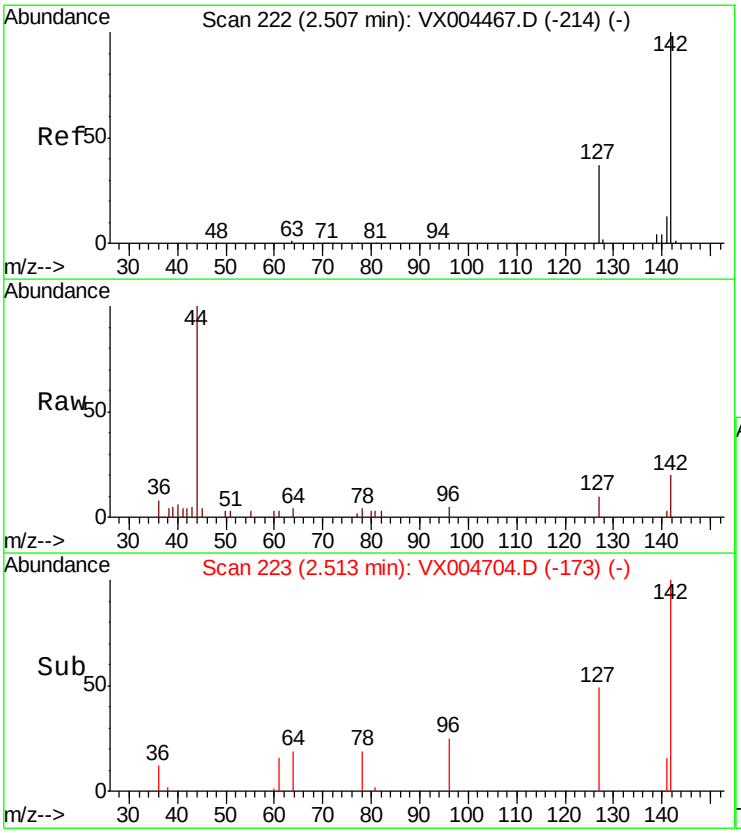
#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.23 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.01 min
Lab File: VX004704.D
Acq: 19 Sep 2018 14:32

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:101 Resp: 607

Ion	Ratio	Lower	Upper
101	100		
85	0.0	34.2	51.4#
151	0.0	65.0	97.6#

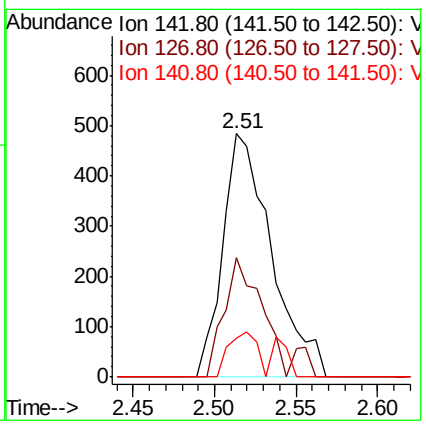


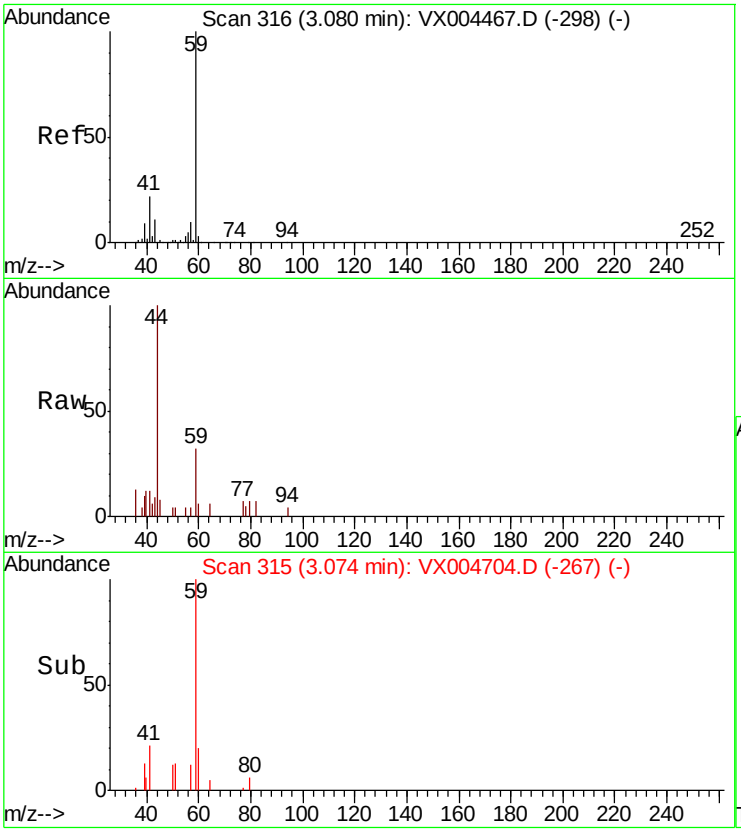


#10
Methyl Iodide
Concen: 4.55 ug/l
RT: 2.51 min Scan# 223
Delta R.T. 0.01 min
Lab File: VX004704.D
Acq: 19 Sep 2018 14:32

Tgt Ion:142 Resp: 1004

Ion	Ratio	Lower	Upper
142	100		
127	37.6	33.8	50.6
141	10.8	11.4	17.0#



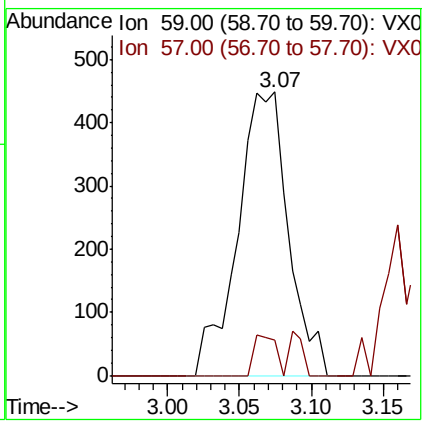


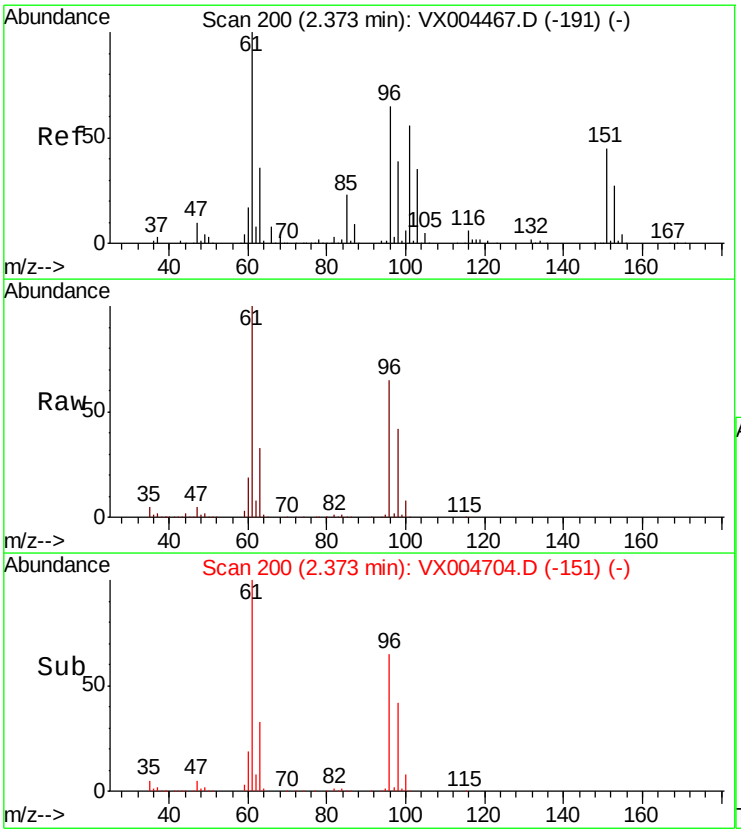
#11
Tert butyl alcohol
Concen: 1.51 ug/l
RT: 3.07 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX004704.D
Acq: 19 Sep 2018 14:32

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 59 Resp: 1100

Ion	Ratio	Lower	Upper
59	100		
57	6.0	8.2	12.4#

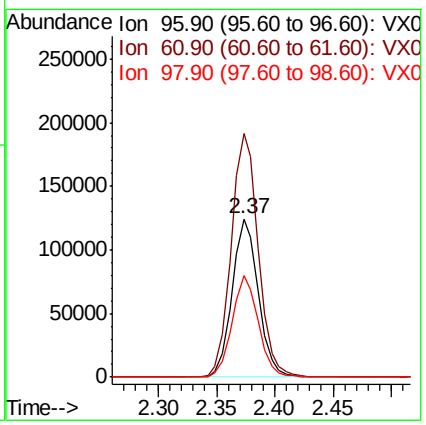


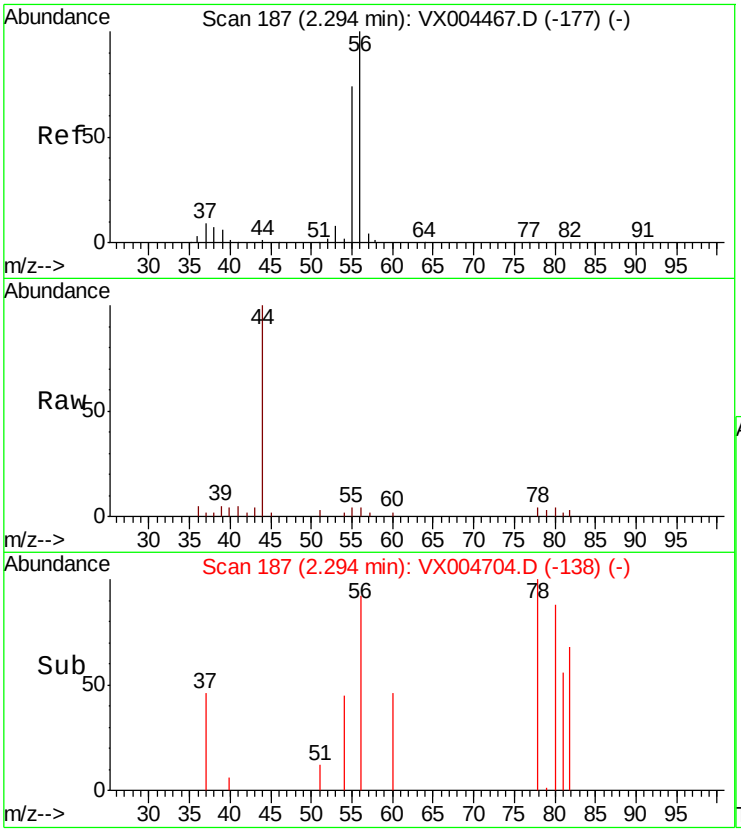


#12
1,1-Dichloroethene
Concen: 79.00 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX004704.D
Acq: 19 Sep 2018 14:32

Tgt Ion: 96 Resp: 195397

Ion	Ratio	Lower	Upper
96	100		
61	154.1	128.8	193.2
98	64.4	52.2	78.2



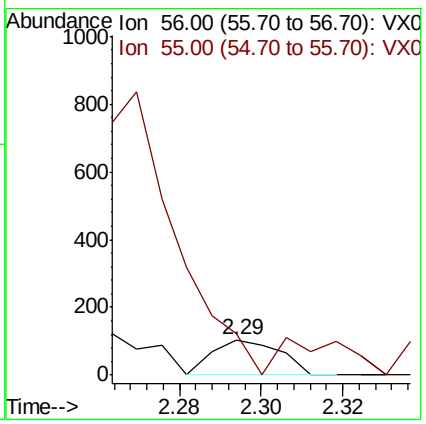


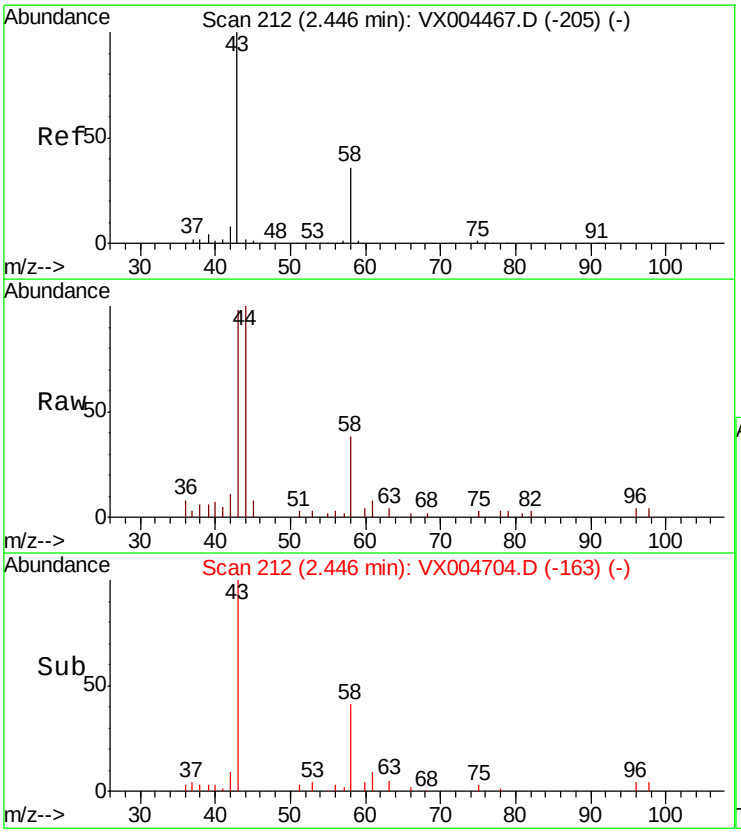
#13
Acrolein
Concen: 0.41 ug/l
RT: 2.29 min Scan# 187
Delta R.T. 0.00 min
Lab File: VX004704.D
Acq: 19 Sep 2018 14:32

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 56 Resp: 119

Ion	Ratio	Lower	Upper
56	100		
55	104.2	54.7	82.1#

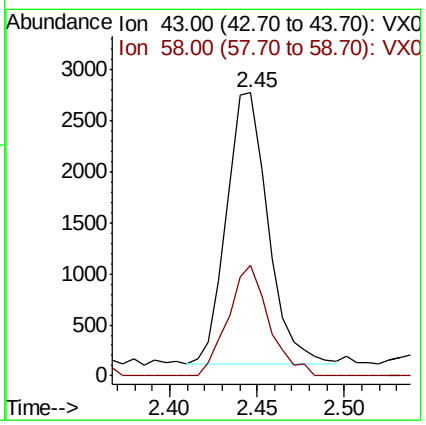


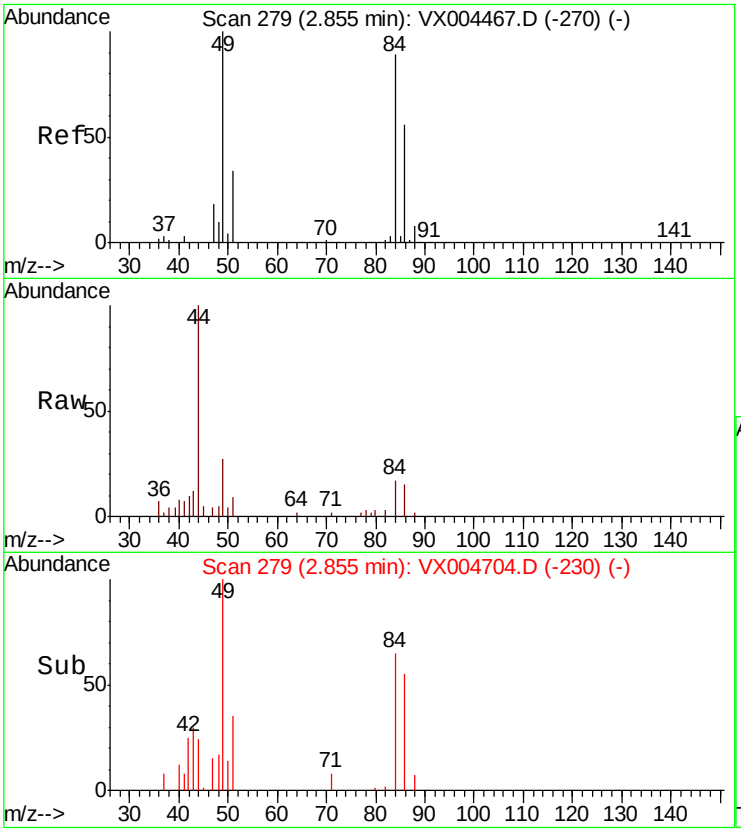


#16
Acetone
Concen: 2.95 ug/l
RT: 2.45 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX004704.D
Acq: 19 Sep 2018 14:32

Tgt Ion: 43 Resp: 4392

Ion	Ratio	Lower	Upper
43	100		
58	40.6	26.2	39.4#



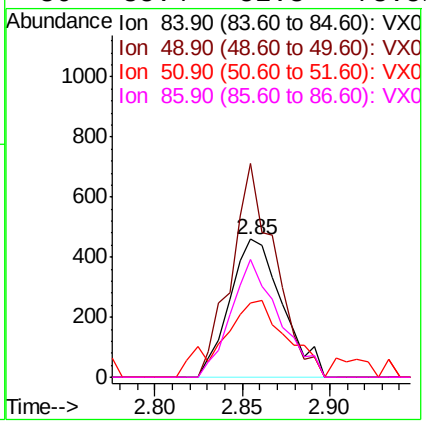


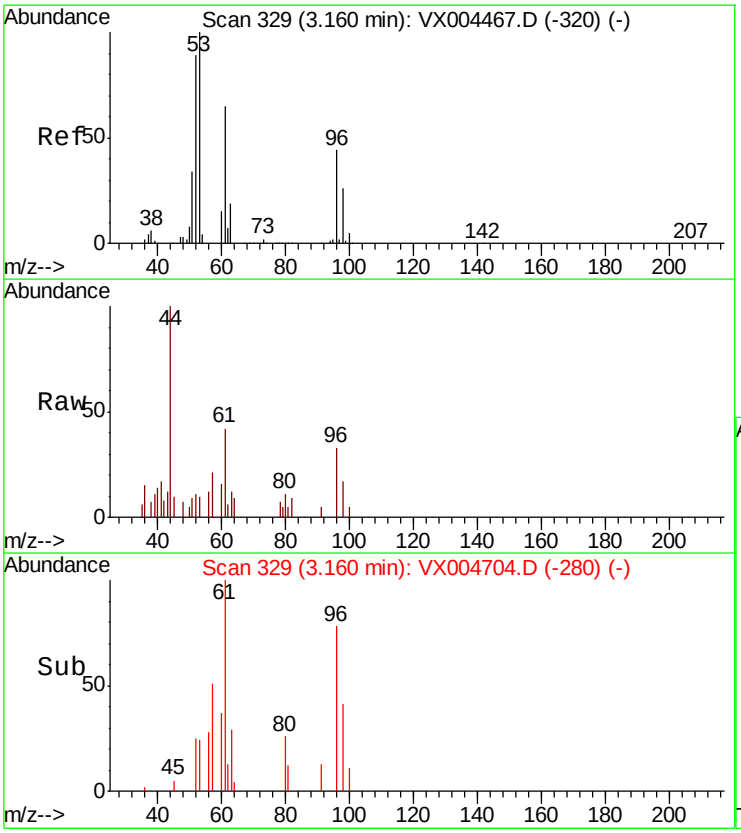
#20
Methylene Chloride
Concen: 0.32 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX004704.D
Acq: 19 Sep 2018 14:32

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 84 Resp: 964

Ion	Ratio	Lower	Upper
84	100		
49	154.9	101.2	151.8#
51	41.8	29.5	44.3
86	85.4	52.3	78.5#

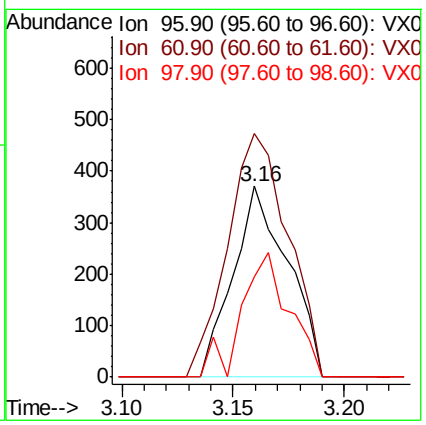


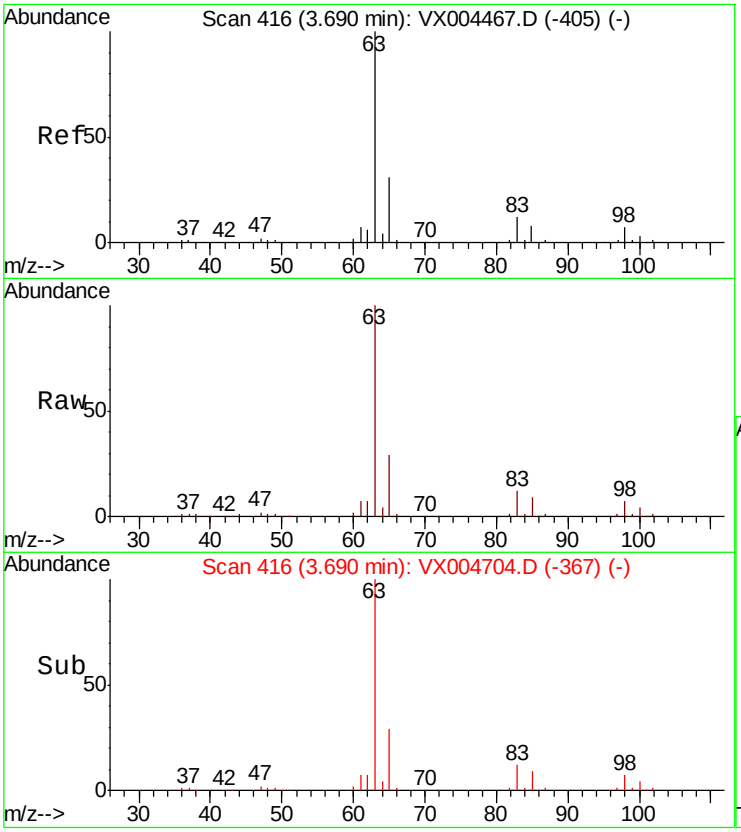


#21
trans-1,2-Dichloroethene
Concen: 0.23 ug/l
RT: 3.16 min Scan# 329
Delta R.T. 0.00 min
Lab File: VX004704.D
Acq: 19 Sep 2018 14:32

Tgt Ion: 96 Resp: 634

Ion	Ratio	Lower	Upper
96	100		
61	127.5	113.8	170.6
98	52.6	51.8	77.8



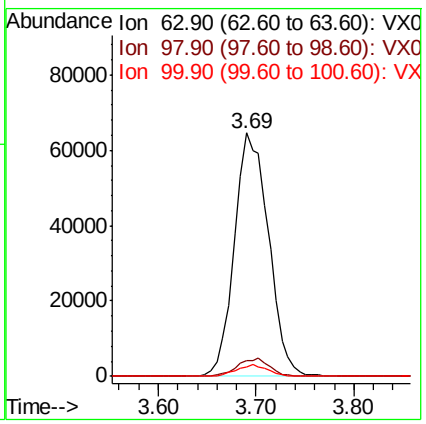


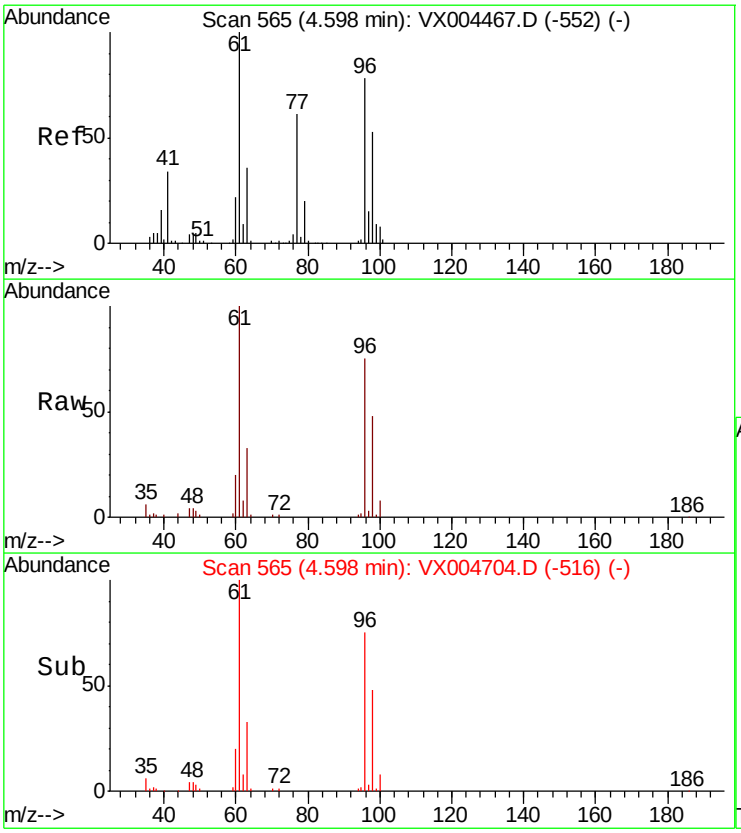
#24
1,1-Dichloroethane
Concen: 30.27 ug/l
RT: 3.69 min Scan# 416
Delta R.T. 0.00 min
Lab File: VX004704.D
Acq: 19 Sep 2018 14:32

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 63 Resp: 156502

Ion	Ratio	Lower	Upper
63	100		
98	6.6	3.5	10.4
100	3.9	2.4	7.1

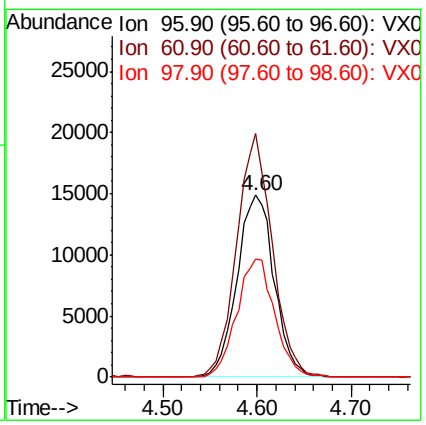


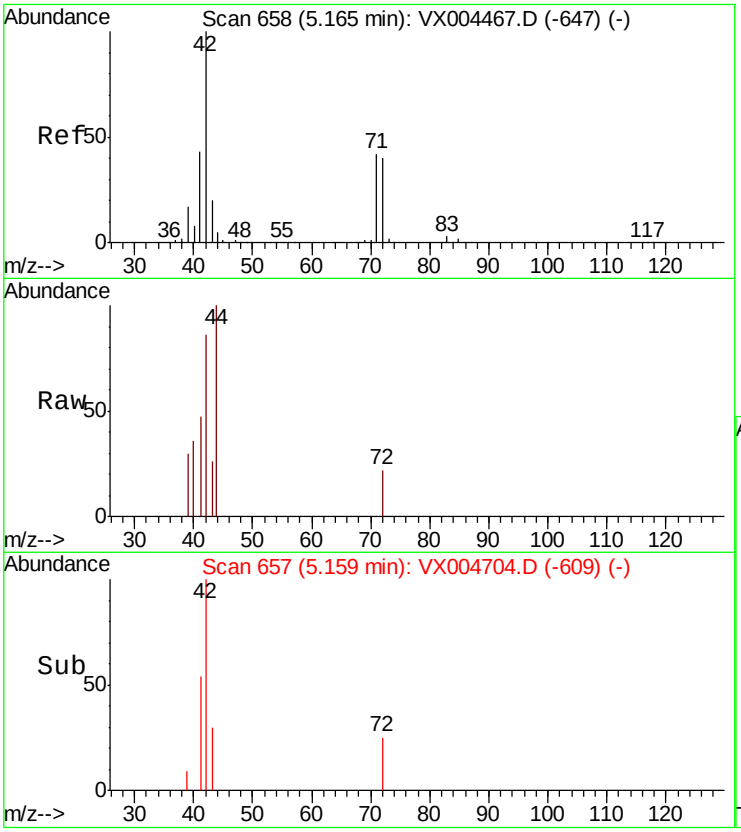


#27
cis-1,2-Dichloroethene
Concen: 13.50 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX004704.D
Acq: 19 Sep 2018 14:32

Tgt Ion: 96 Resp: 41190

Ion	Ratio	Lower	Upper
96	100		
61	127.6	0.0	282.6
98	65.7	0.0	130.2



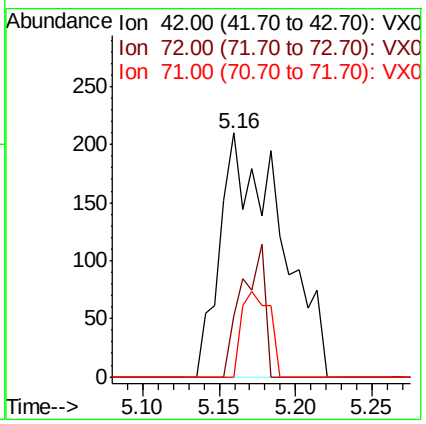


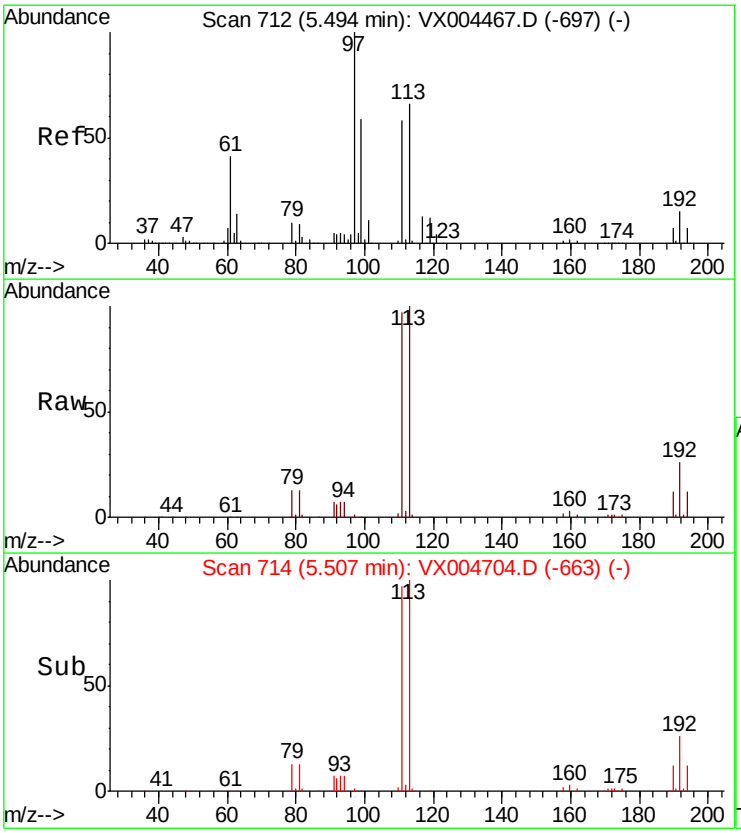
#29
Tetrahydrofuran
Concen: 0.40 ug/l
RT: 5.16 min Scan# 657
Delta R.T. -0.01 min
Lab File: VX004704.D
Acq: 19 Sep 2018 14:32

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 42 Resp: 574

Ion	Ratio	Lower	Upper
42	100		
72	20.9	37.4	56.0#
71	16.4	34.5	51.7#

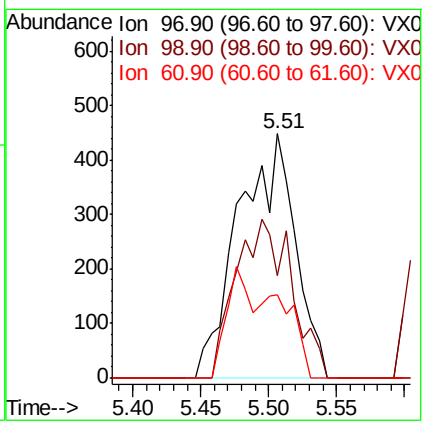


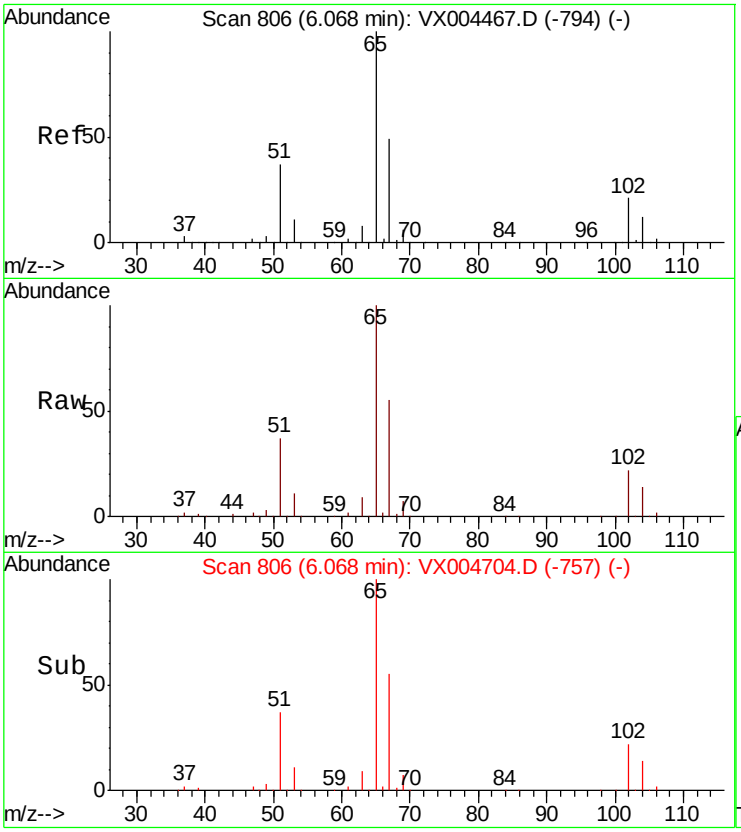


#32
1,1,1-Trichloroethane
Concen: 0.32 ug/l
RT: 5.51 min Scan# 714
Delta R.T. 0.01 min
Lab File: VX004704.D
Acq: 19 Sep 2018 14:32

Tgt Ion: 97 Resp: 1299

Ion	Ratio	Lower	Upper
97	100		
99	0.0	52.0	78.0#
61	0.0	34.9	52.3#



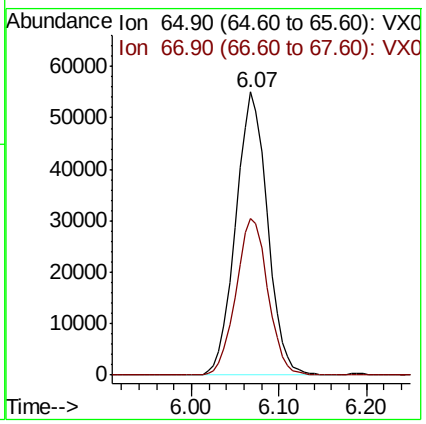


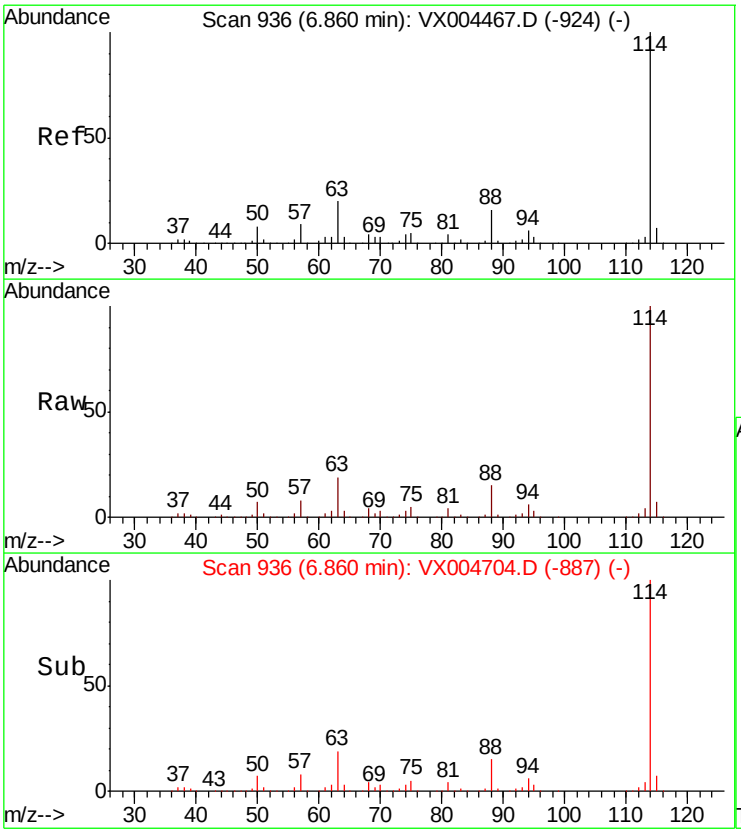
#33
1,2-Dichloroethane-d4
Concen: 45.50 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX004704.D
Acq: 19 Sep 2018 14:32

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 65 Resp: 138878

Ion	Ratio	Lower	Upper
65	100		
67	55.7	0.0	106.8

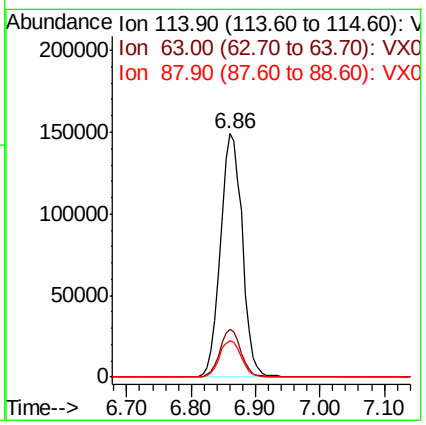


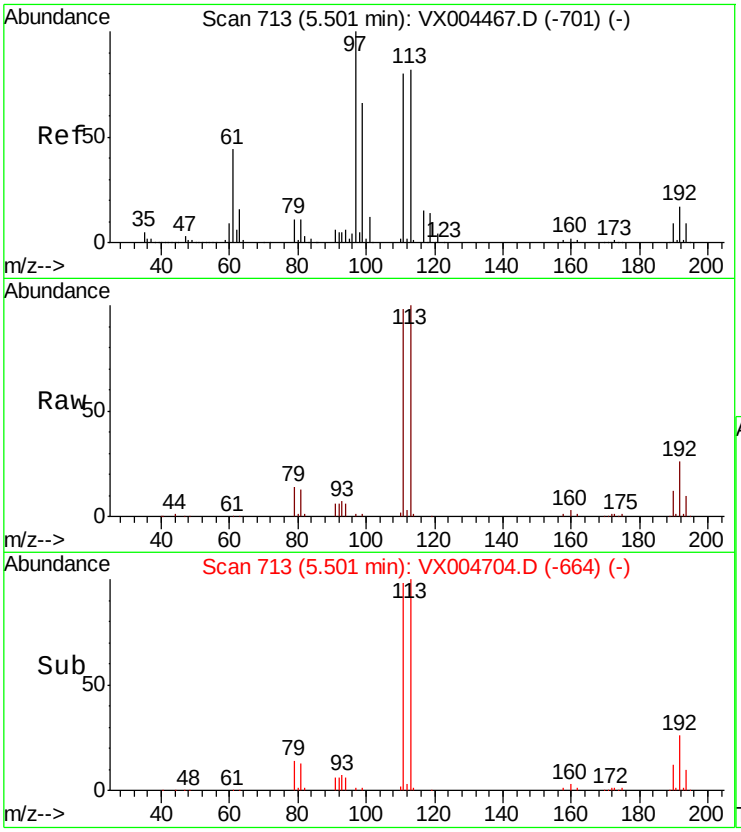


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.86 min Scan# 936
Delta R.T. 0.00 min
Lab File: VX004704.D
Acq: 19 Sep 2018 14:32

Tgt Ion:114 Resp: 358949

Ion	Ratio	Lower	Upper
114	100		
63	19.4	0.0	39.0
88	14.7	0.0	30.4



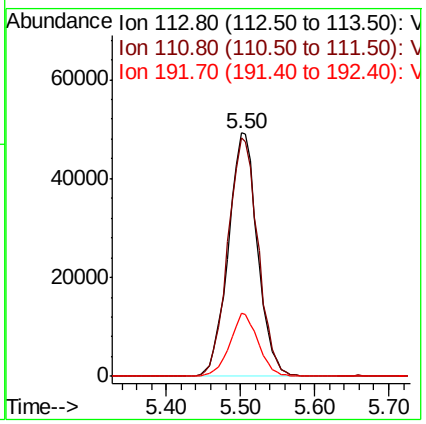


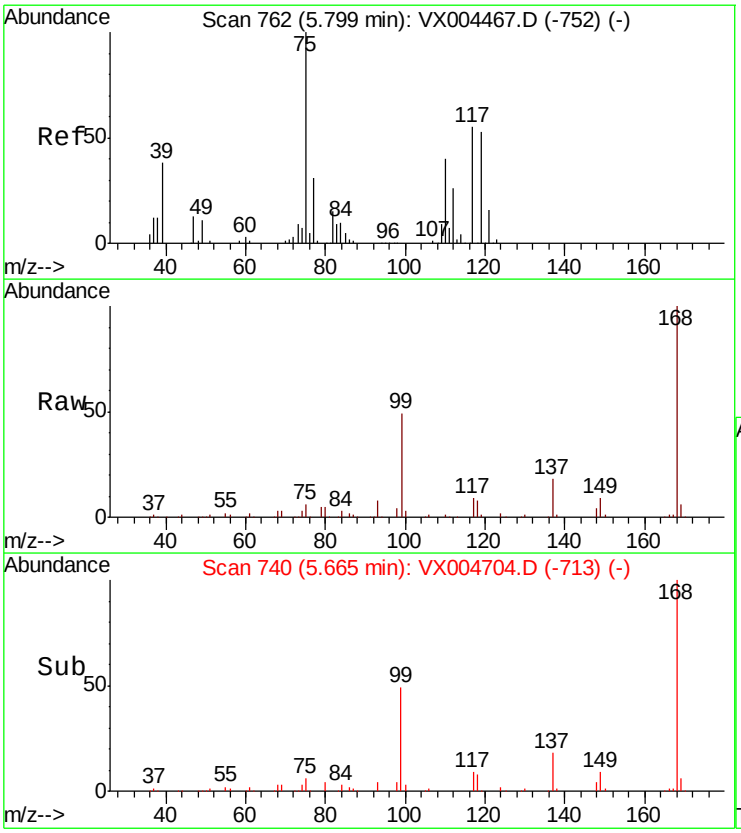
#35
Dibromofluoromethane
Concen: 41.23 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.00 min
Lab File: VX004704.D
Acq: 19 Sep 2018 14:32

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:113 Resp: 135441

Ion	Ratio	Lower	Upper
113	100		
111	100.6	82.4	123.6
192	24.9	19.4	29.2

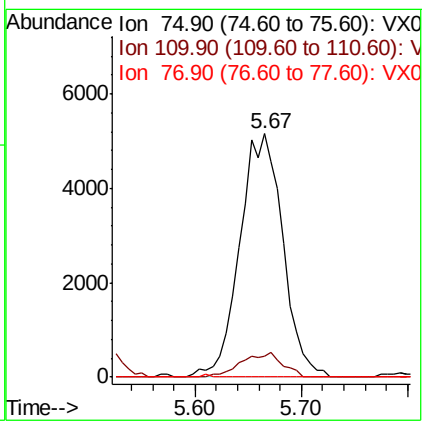


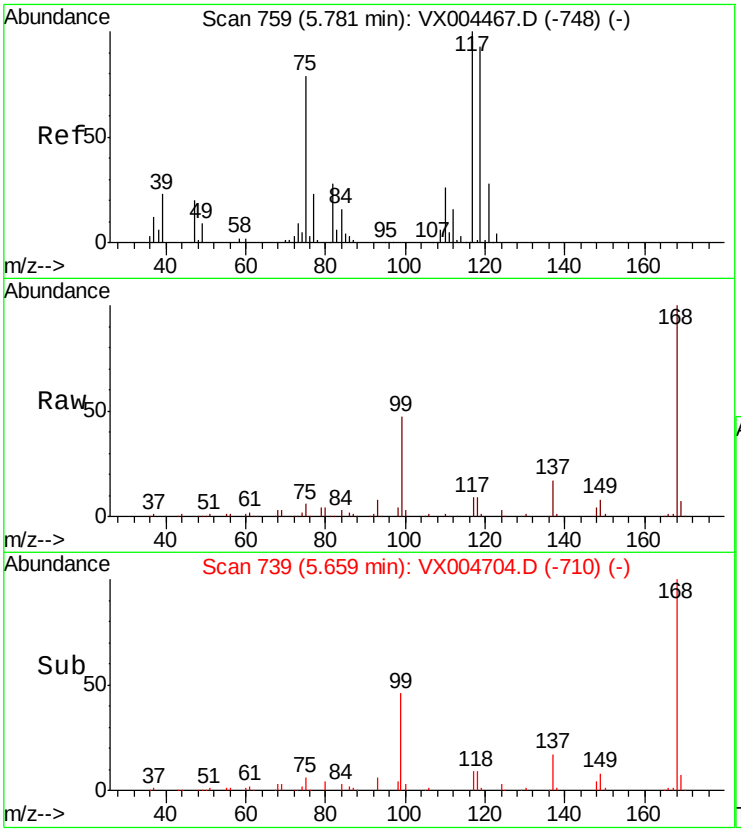


#36
1,1-Dichloropropene
Concen: 3.34 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.13 min
Lab File: VX004704.D
Acq: 19 Sep 2018 14:32

Tgt Ion: 75 Resp: 14576

Ion	Ratio	Lower	Upper
75	100		
110	9.5	18.0	54.0#
77	0.0	24.6	36.8#



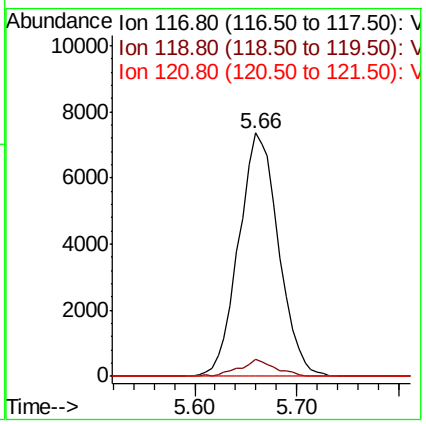


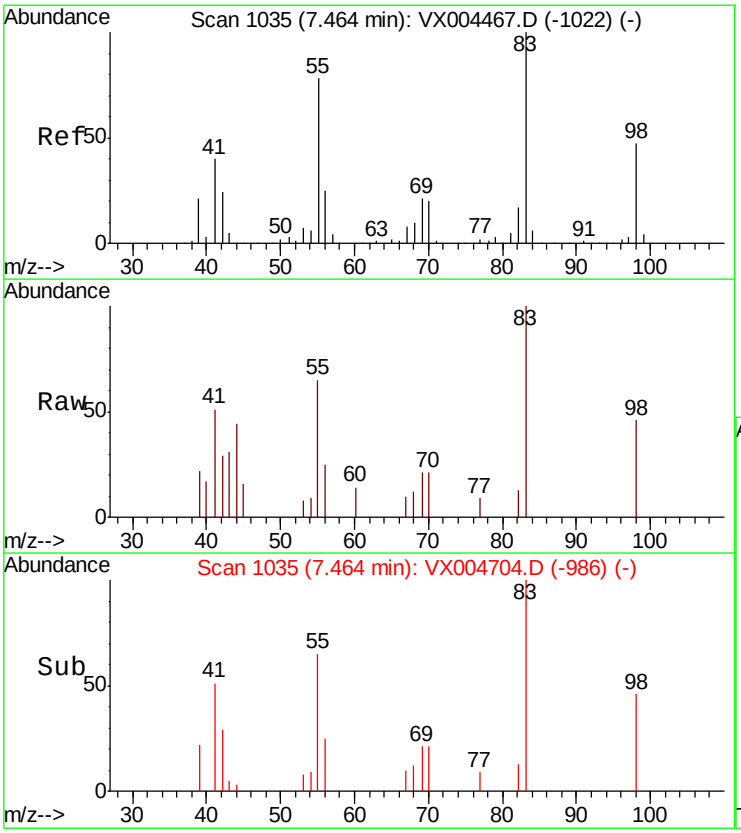
#38
Carbon Tetrachloride
Concen: 4.70 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.12 min
Lab File: VX004704.D
Acq: 19 Sep 2018 14:32

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 19985

Ion	Ratio	Lower	Upper
117	100		
119	6.7	78.8	118.2#
121	0.0	24.9	37.3#

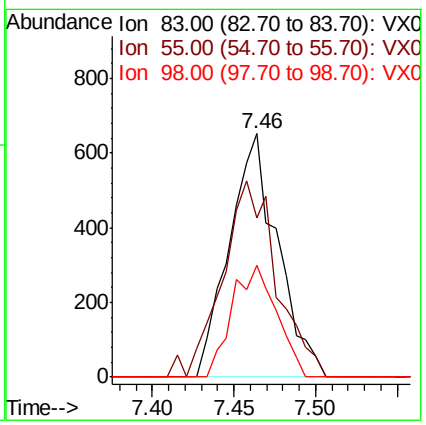


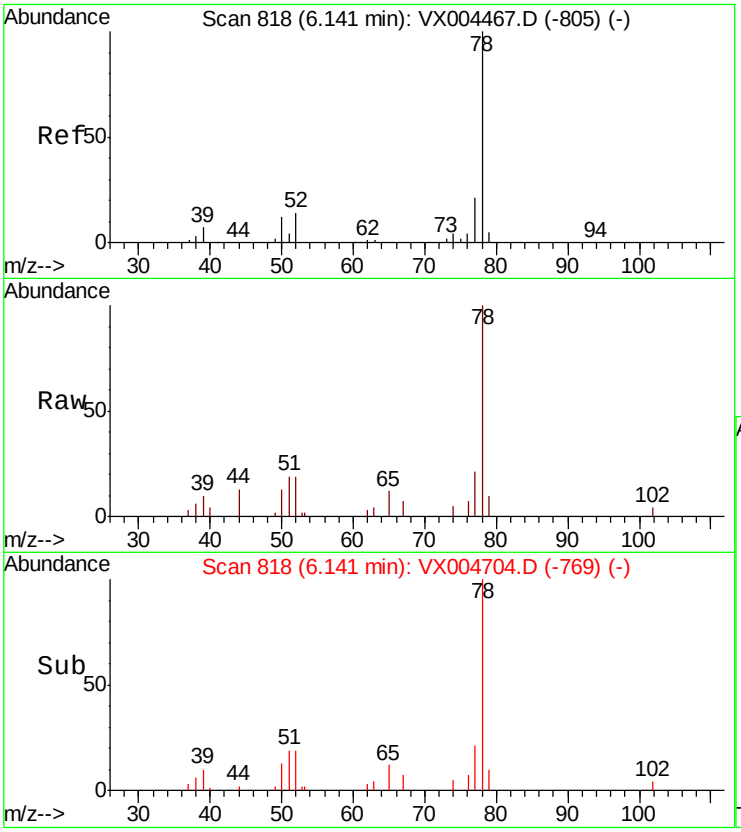


#39
Methylcyclohexane
Concen: 0.30 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX004704.D
Acq: 19 Sep 2018 14:32

Tgt Ion: 83 Resp: 1347

Ion	Ratio	Lower	Upper
83	100		
55	65.2	61.0	91.4
98	46.0	39.6	59.4



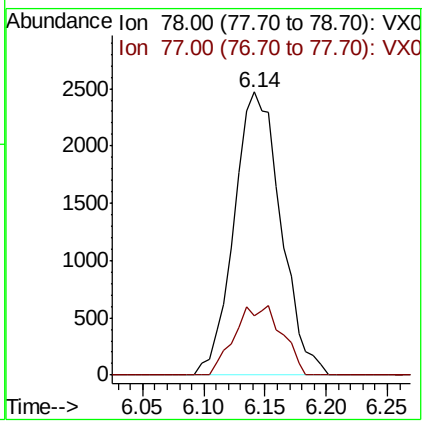


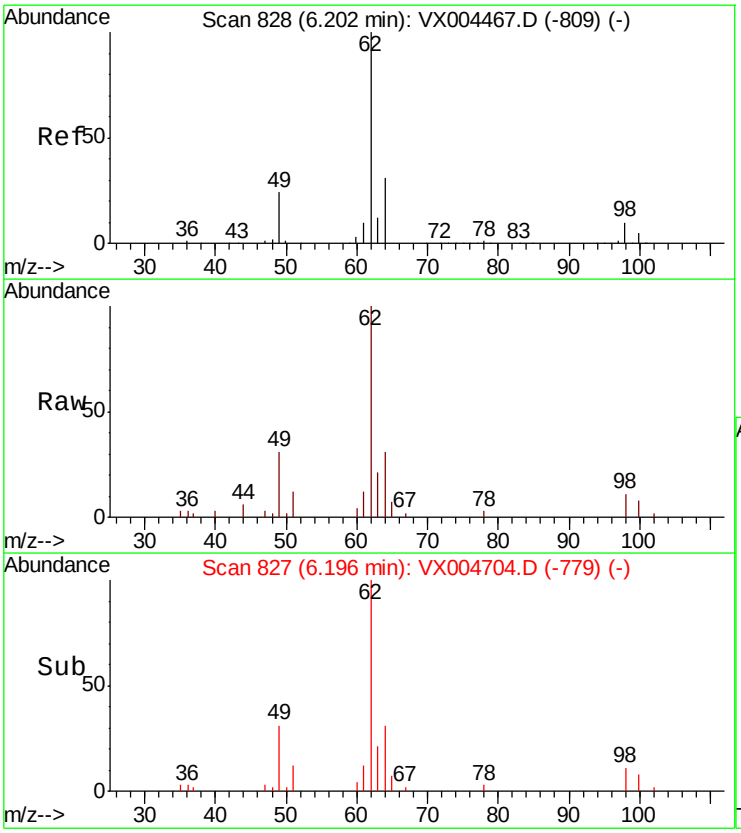
#40
Benzene
Concen: 0.51 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX004704.D
Acq: 19 Sep 2018 14:32

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 78 Resp: 6581

Ion	Ratio	Lower	Upper
78	100		
77	20.9	19.0	28.4

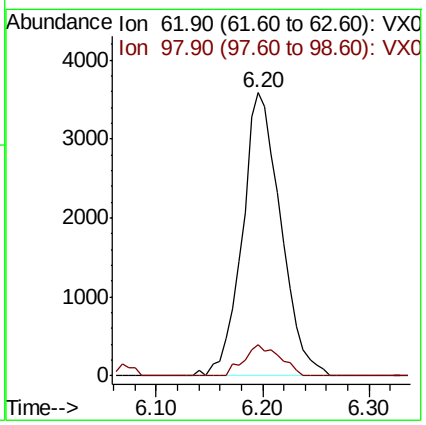


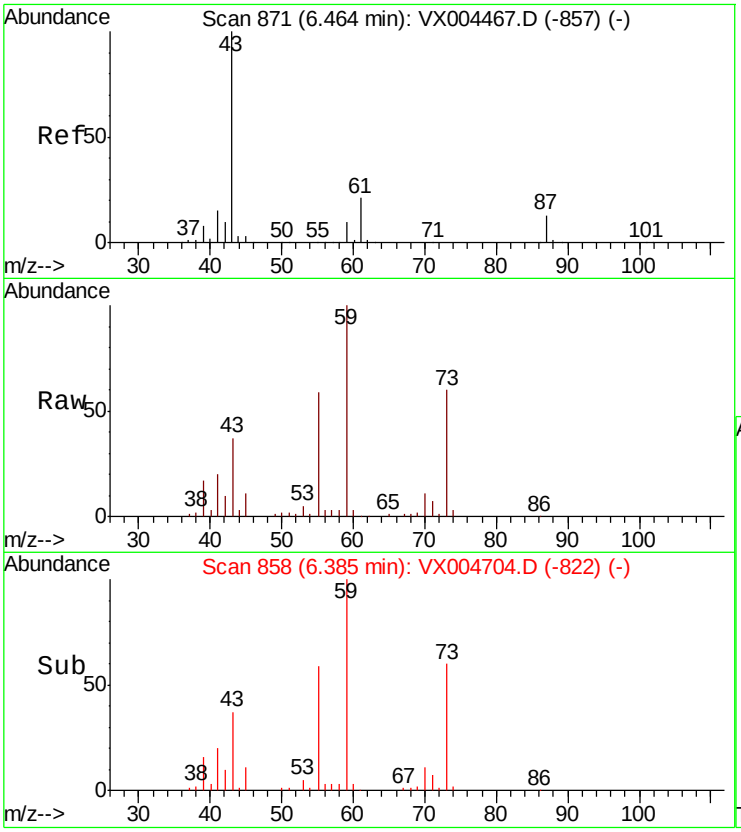


#42
1,2-Dichloroethane
Concen: 2.12 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.01 min
Lab File: VX004704.D
Acq: 19 Sep 2018 14:32

Tgt Ion: 62 Resp: 9071

Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	20.6



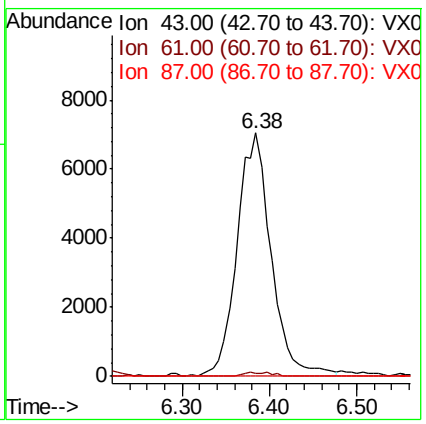


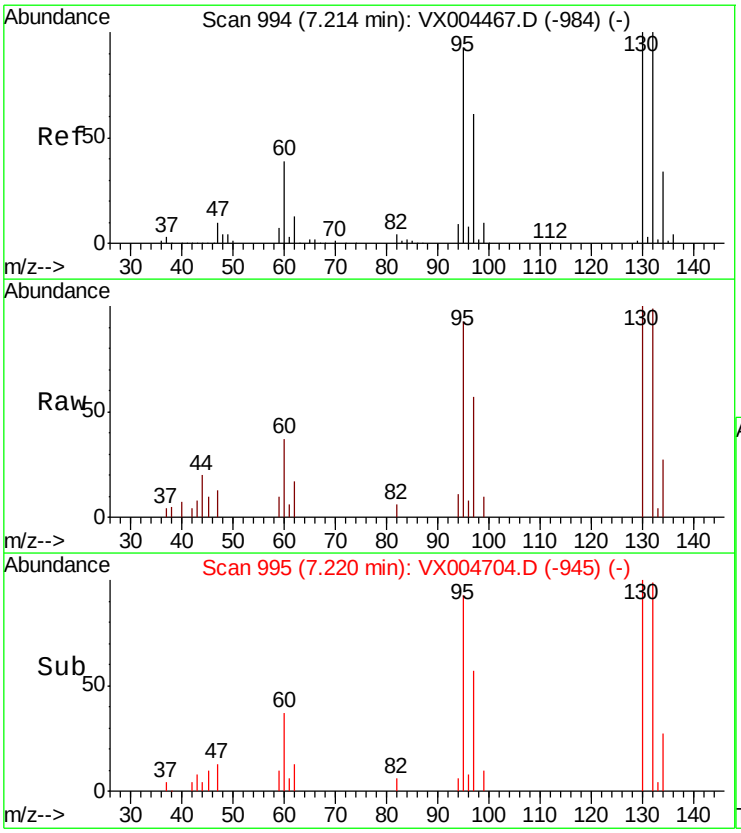
#43
Isopropyl Acetate
Concen: 2.90 ug/l
RT: 6.38 min Scan# 858
Delta R.T. -0.08 min
Lab File: VX004704.D
Acq: 19 Sep 2018 14:32

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 19069

Ion	Ratio	Lower	Upper
43	100		
61	0.7	17.0	25.4#
87	0.0	11.4	17.2#

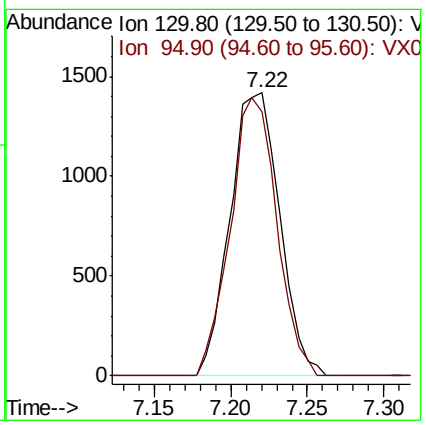


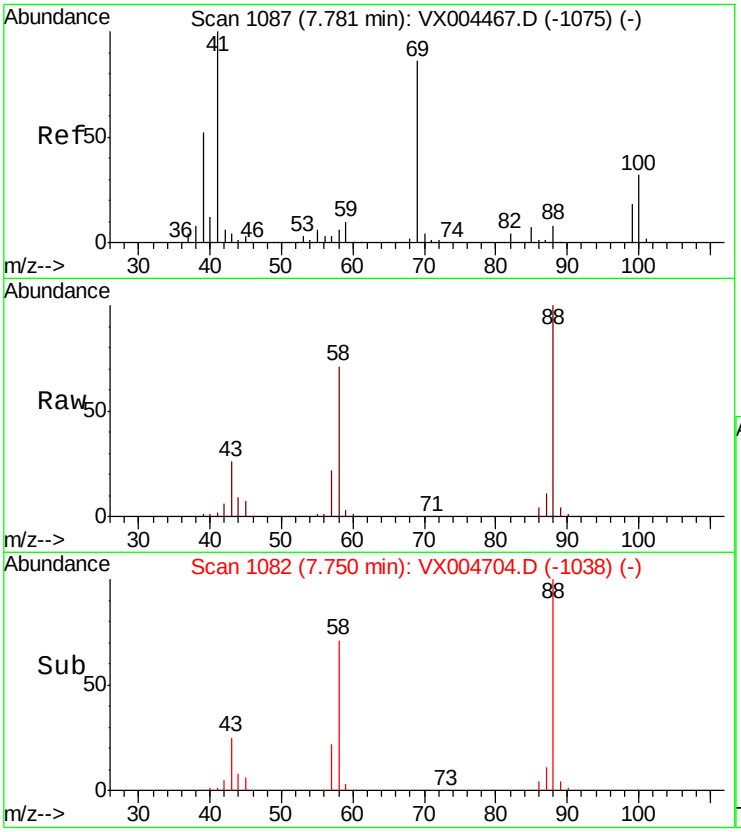


#44
Trichloroethene
Concen: 0.95 ug/l
RT: 7.22 min Scan# 995
Delta R.T. 0.01 min
Lab File: VX004704.D
Acq: 19 Sep 2018 14:32

Tgt Ion:130 Resp: 3200

Ion	Ratio	Lower	Upper
130	100		
95	93.2	0.0	181.6



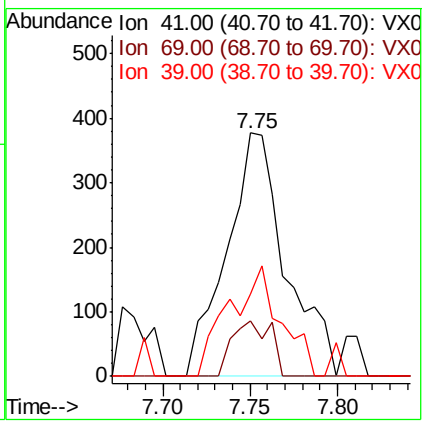


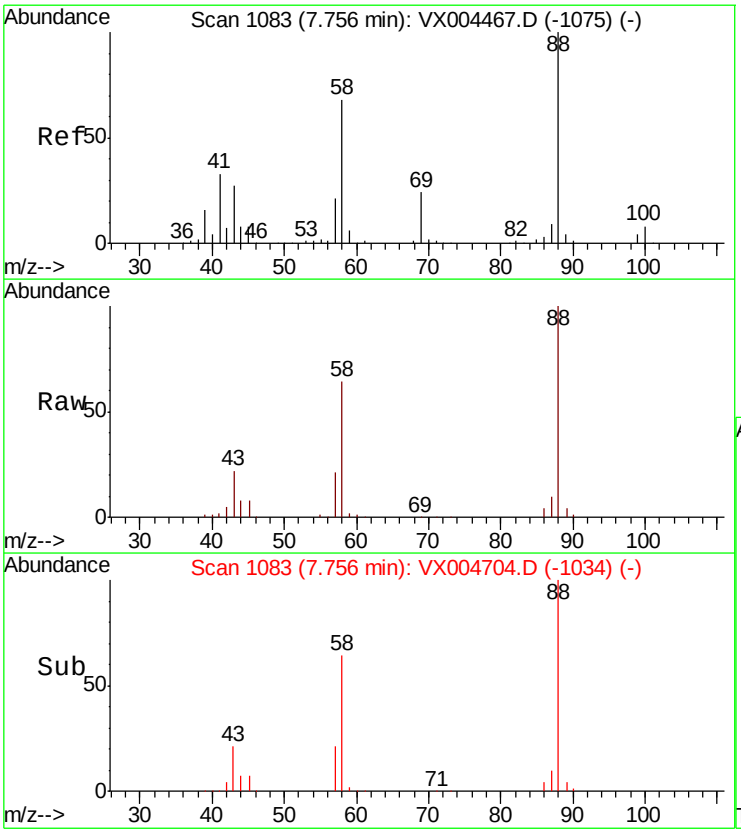
#48
Methyl methacrylate
Concen: 0.27 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. -0.03 min
Lab File: VX004704.D
Acq: 19 Sep 2018 14:32

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 41 Resp: 891

Ion	Ratio	Lower	Upper
41	100		
69	14.8	70.2	105.4#
39	39.7	42.7	64.1#

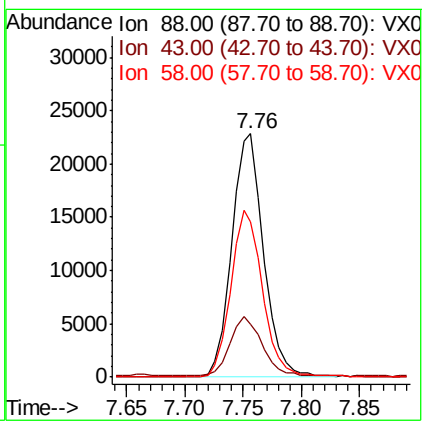


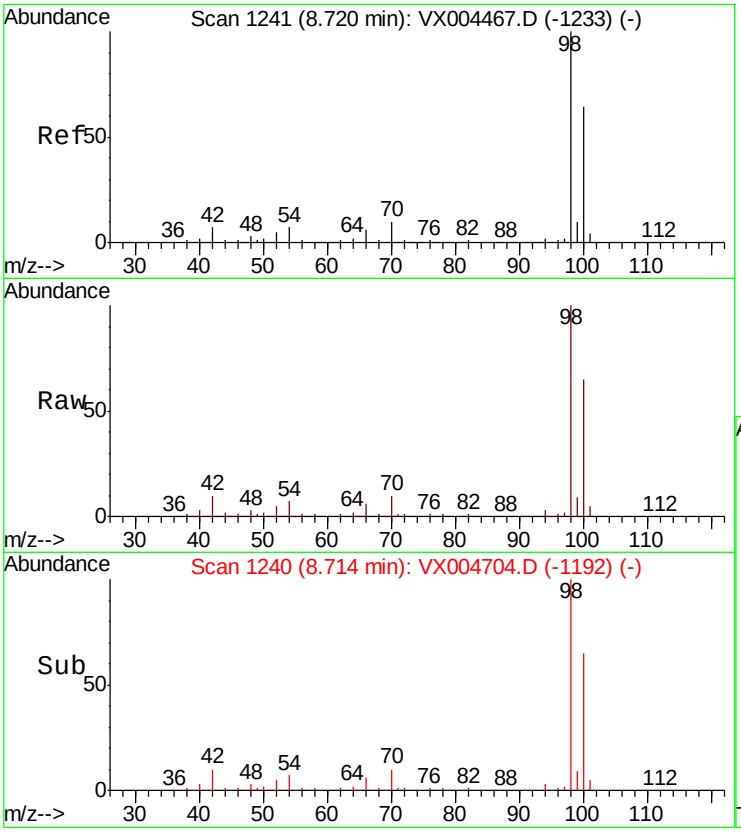


#49
1,4-Dioxane
Concen: 562.34 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. 0.00 min
Lab File: VX004704.D
Acq: 19 Sep 2018 14:32

Tgt Ion: 88 Resp: 43361

Ion	Ratio	Lower	Upper
88	100		
43	24.2	24.7	37.1#
58	68.8	55.3	82.9



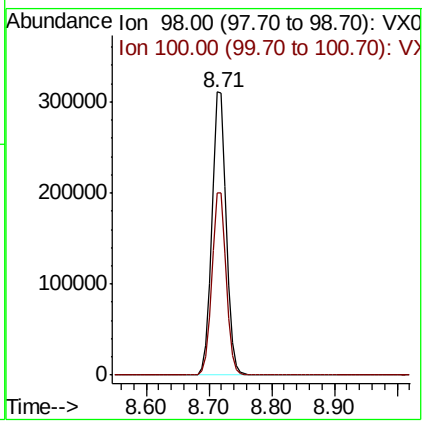


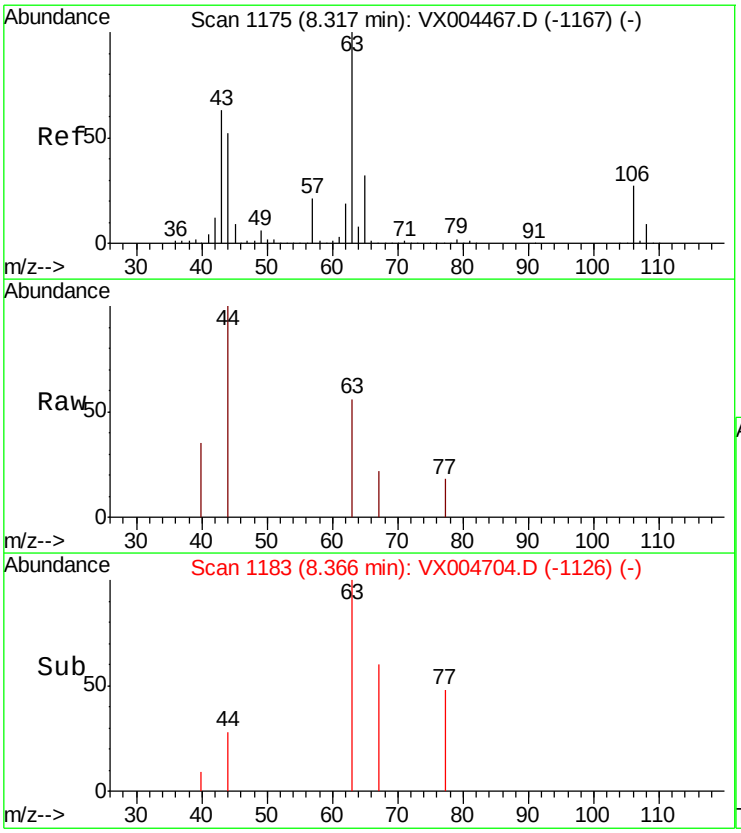
#50
Toluene-d8
Concen: 44.40 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.01 min
Lab File: VX004704.D
Acq: 19 Sep 2018 14:32

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 98 Resp: 489131

Ion	Ratio	Lower	Upper
98	100		
100	64.3	52.9	79.3

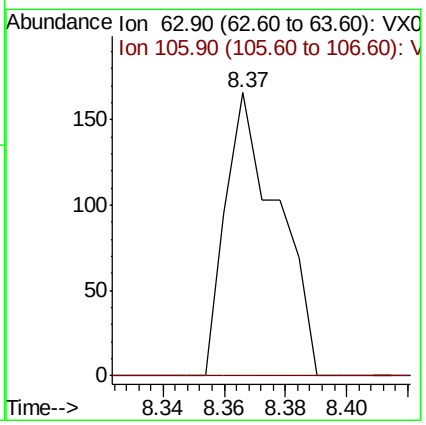


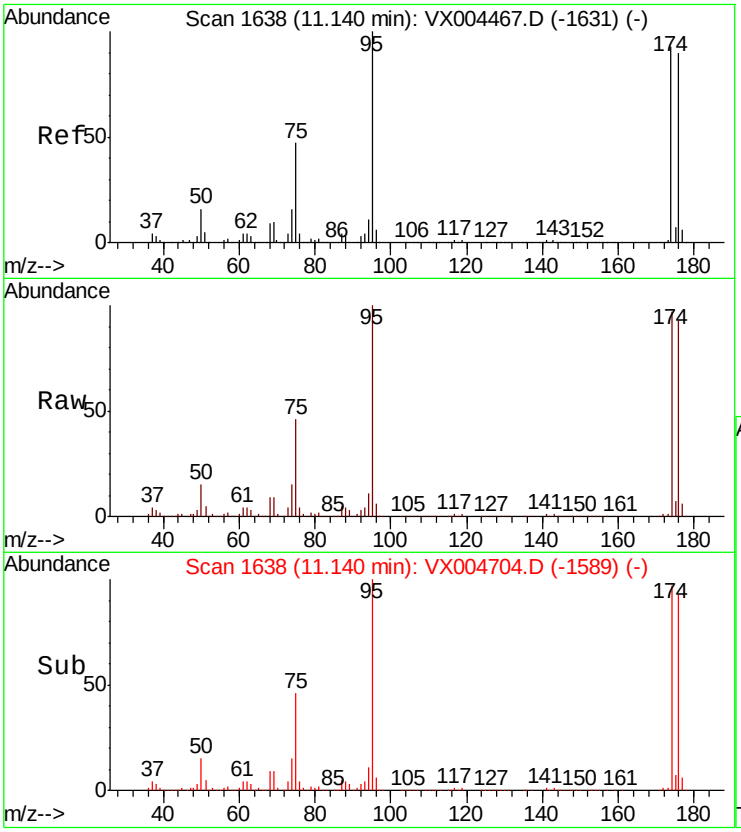


#58
2-Chloroethyl Vinyl ether
Concen: 7.35 ug/l
RT: 8.37 min Scan# 1183
Delta R.T. 0.05 min
Lab File: VX004704.D
Acq: 19 Sep 2018 14:32

Tgt Ion: 63 Resp: 196

Ion	Ratio	Lower	Upper
63	100		
106	0.0	23.9	35.9#



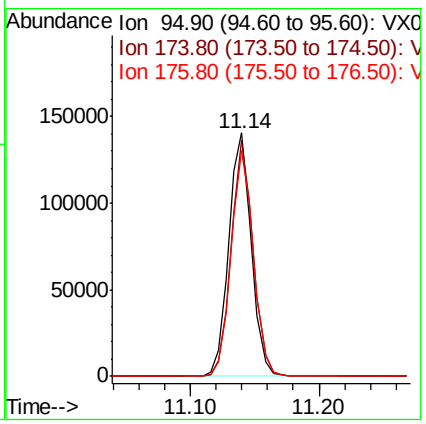


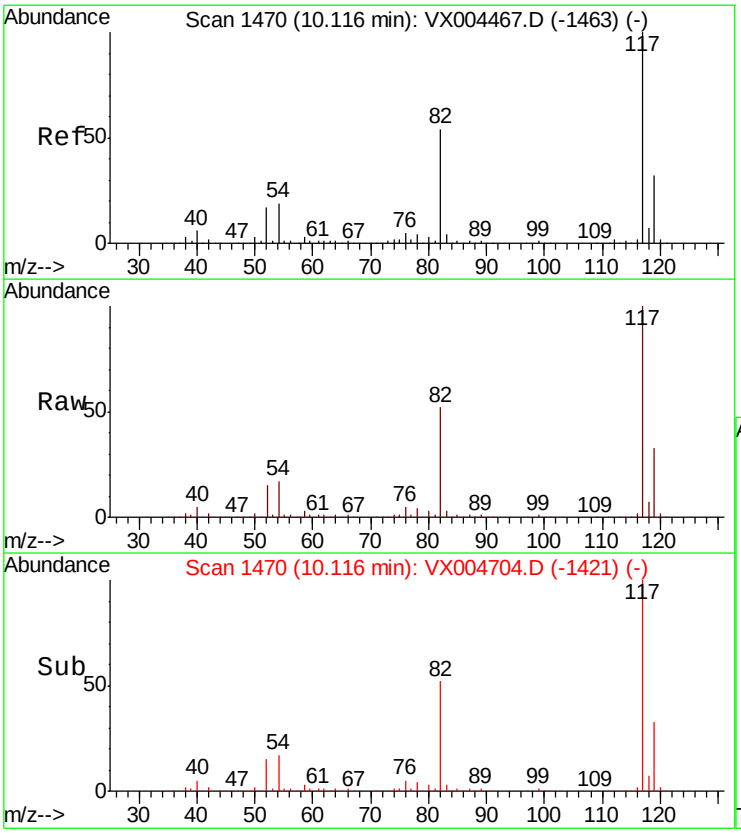
#62
4-Bromofluorobenzene
Concen: 44.04 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.00 min
Lab File: VX004704.D
Acq: 19 Sep 2018 14:32

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 95 Resp: 173148

Ion	Ratio	Lower	Upper
95	100		
174	93.9	0.0	185.2
176	91.5	0.0	178.6

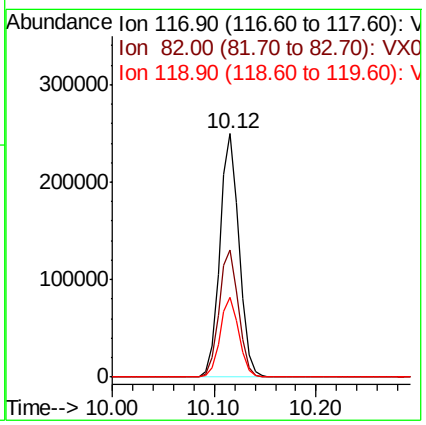


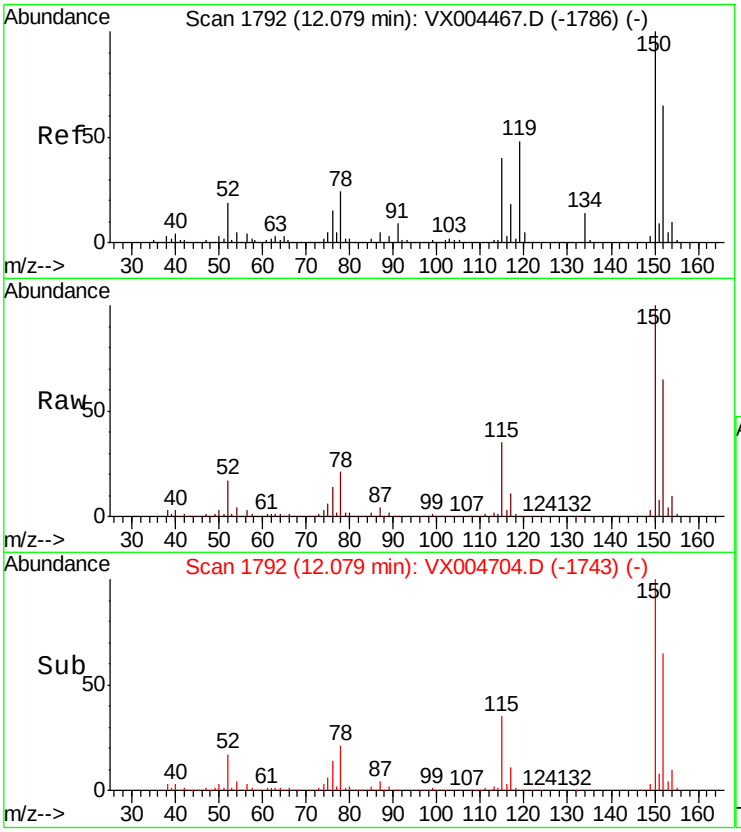


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX004704.D
Acq: 19 Sep 2018 14:32

Tgt Ion:117 Resp: 326809

Ion	Ratio	Lower	Upper
117	100		
82	52.2	47.8	71.6
119	32.6	29.3	43.9



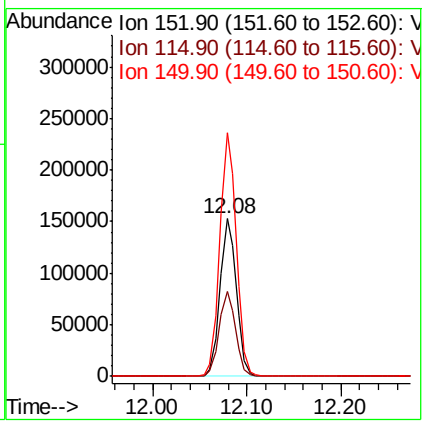


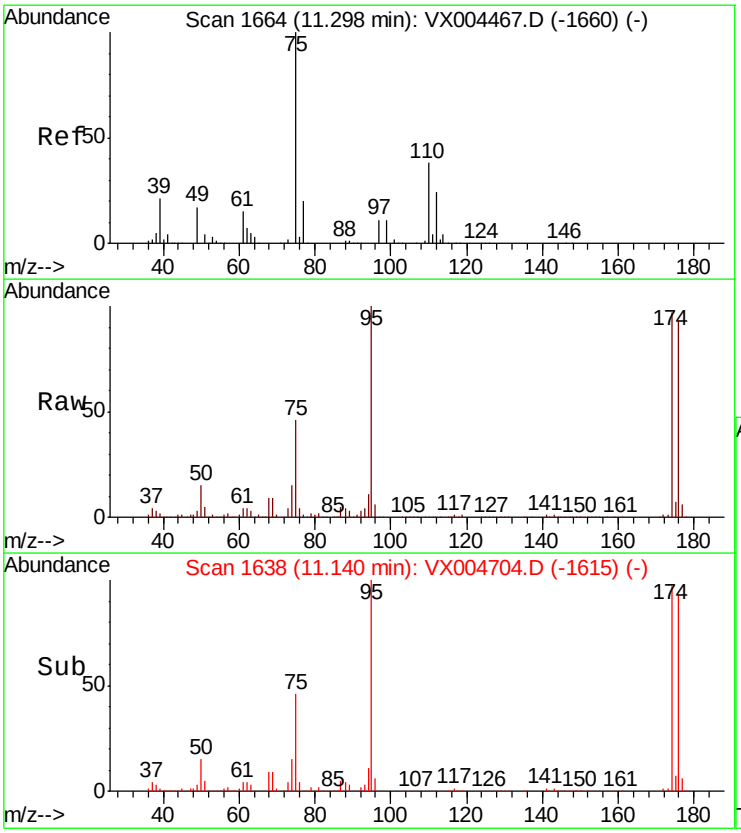
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX004704.D
Acq: 19 Sep 2018 14:32

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:152 Resp: 183733

Ion	Ratio	Lower	Upper
152	100		
115	53.9	39.0	117.0
150	155.6	0.0	351.0

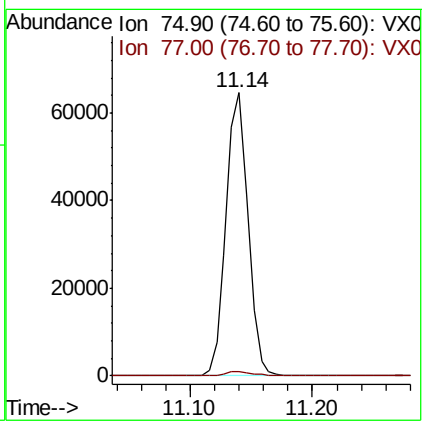


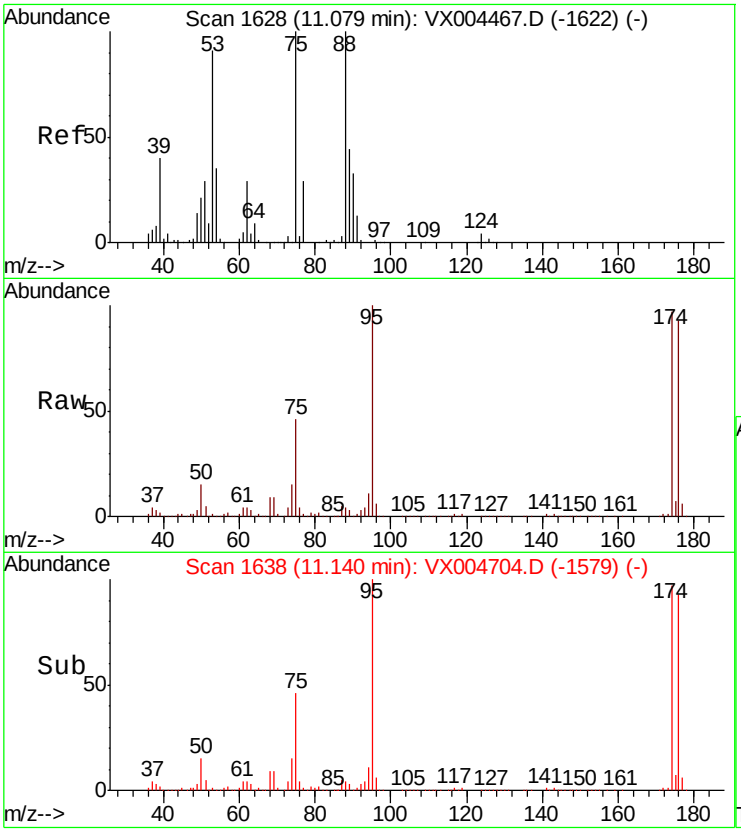


#76
1,2,3-Trichloropropane
Concen: 21.75 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.16 min
Lab File: VX004704.D
Acq: 19 Sep 2018 14:32

Tgt Ion: 75 Resp: 80406

Ion	Ratio	Lower	Upper
75	100		
77	1.9	20.2	60.6#





#81
trans-1,4-Dichloro-2-butene
Concen: 69.33 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.06 min
Lab File: VX004704.D
Acq: 19 Sep 2018 14:32

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 80406

Ion	Ratio	Lower	Upper
75	100		
53	2.0	80.1	120.1#
89	9.5	37.2	55.8#