Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100918\
Data File : VX005175.D
Acq On : 09 Oct 2018 22:30
Operator : JC/MD
Sample : J5284-14
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : RE-104D1-20181003

Quant Time: Oct 10 05:56:14 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	174486	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	274863	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	275819	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	154163	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	142298	57.09	ug/l	0.00
Spiked Amount 50.000			Recovery = 114.18%			
35) Dibromofluoromethane	5.50	113	114848	49.30	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.60%			
50) Toluene-d8	8.72	98	404020	52.17	ug/l	0.00
Spiked Amount 50.000			Recovery = 104.34%			
62) 4-Bromofluorobenzene	11.14	95	142396	51.04	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.08%			
Target Compounds						Qvalue
3) Chloromethane	1.32	50	833	0.289	ug/l	90
5) Bromomethane	1.64	94	422	0.263	ug/l #	80
6) Chloroethane	1.68	64	725	Below Cal	#	77
9) 1,1,2-Trichlorotrifluoroet	2.38	101	2541	1.331	ug/l	100
11) Tert butyl alcohol	3.02	59	13546	19.437	ug/l #	76
12) 1,1-Dichloroethene	2.37	96	642	0.340	ug/l	90
13) Acrolein	2.30	56	111	0.224	ug/l #	10
16) Acetone	2.45	43	6502	4.468	ug/l	98
20) Methylene Chloride	2.85	84	605	Below Cal	#	87
25) 2-Butanone	4.72	43	676	0.315	ug/l #	49
27) cis-1,2-Dichloroethene	4.60	96	1447	0.626	ug/l	91
31) Cyclohexane	5.67	56	3537	1.115	ug/l #	1
36) 1,1-Dichloropropene	5.66	75	12059	3.794	ug/l #	45
44) Trichloroethene	7.21	130	125012	51.107	ug/l	96
49) 1,4-Dioxane	7.76	88	971	14.141	ug/l #	82
56) Ethyl methacrylate	8.93	69	20	2.867	ug/l #	1
58) 2-Chloroethyl Vinyl ether	8.29	63	20	14.251	ug/l #	49
60) Dibromochloromethane	9.34	129	2710	1.131	ug/l #	10
64) Tetrachloroethene	9.34	164	3157	1.163	ug/l	91
74) N-amyl acetate	10.91	43	20	1.751	ug/l #	1
76) 1,2,3-Trichloropropane	11.14	75	70752	20.476	ug/l #	35
80) 1,3,5-Trimethylbenzene	11.51	105	42	Below Cal	#	29
81) trans-1,4-Dichloro-2-buten	11.14	75	70752	55.614	ug/l #	10
84) 1,2,4-Trimethylbenzene	11.80	105	268	Below Cal	#	42
95) Naphthalene	13.83	128	309	0.743	ug/l #	69

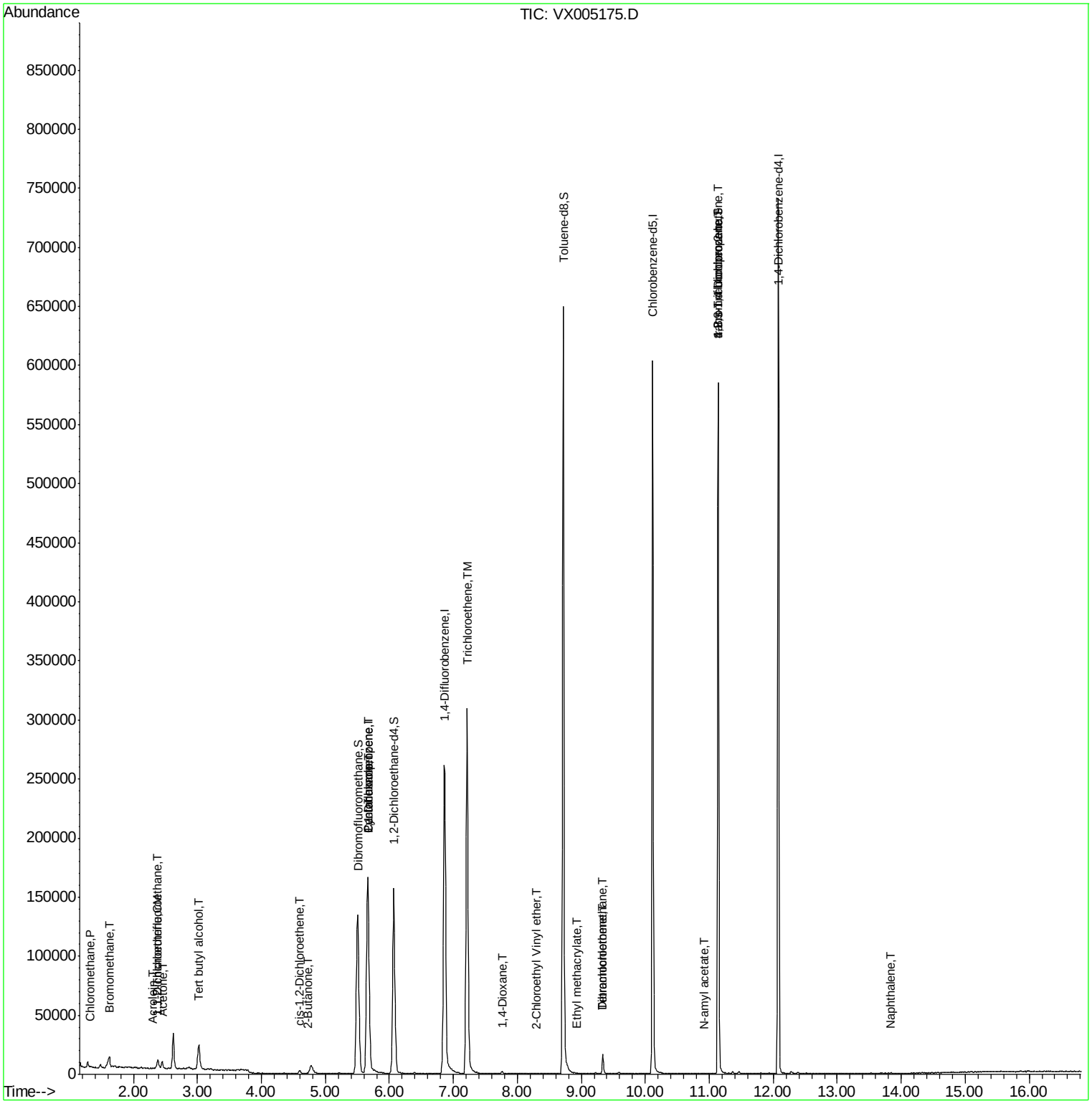
(#) = qualifier out of range (m) = manual integration (+) = signals summed

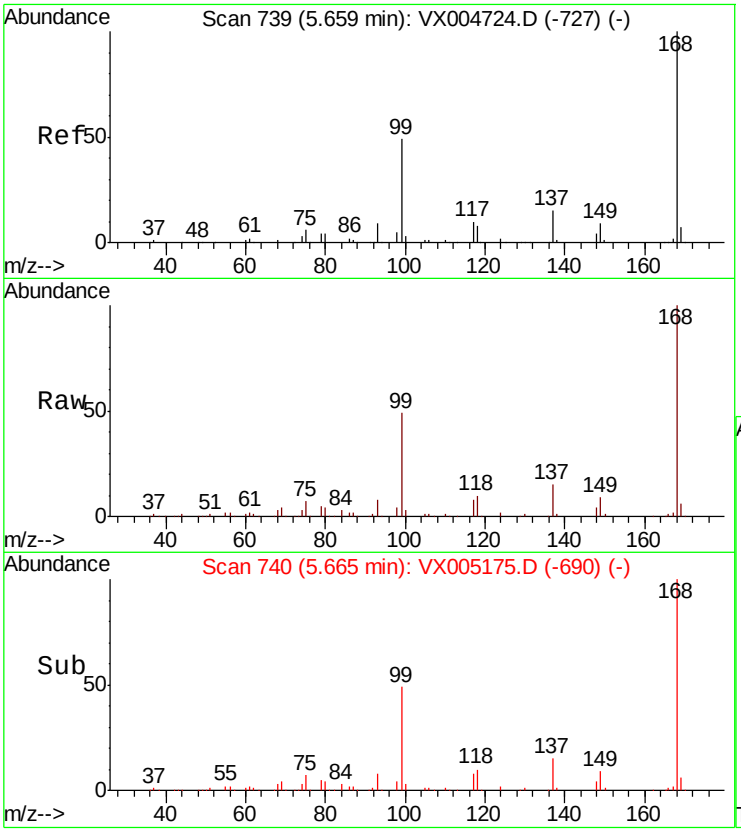
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100918\
Data File : VX005175.D
Acq On : 09 Oct 2018 22:30
Operator : JC/MD
Sample : J5284-14
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RE-104D1-20181003

Quant Time: Oct 10 05:56:14 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



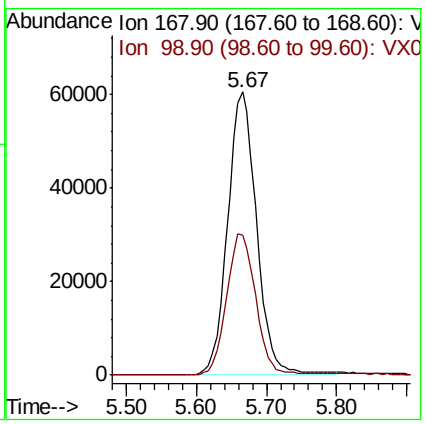


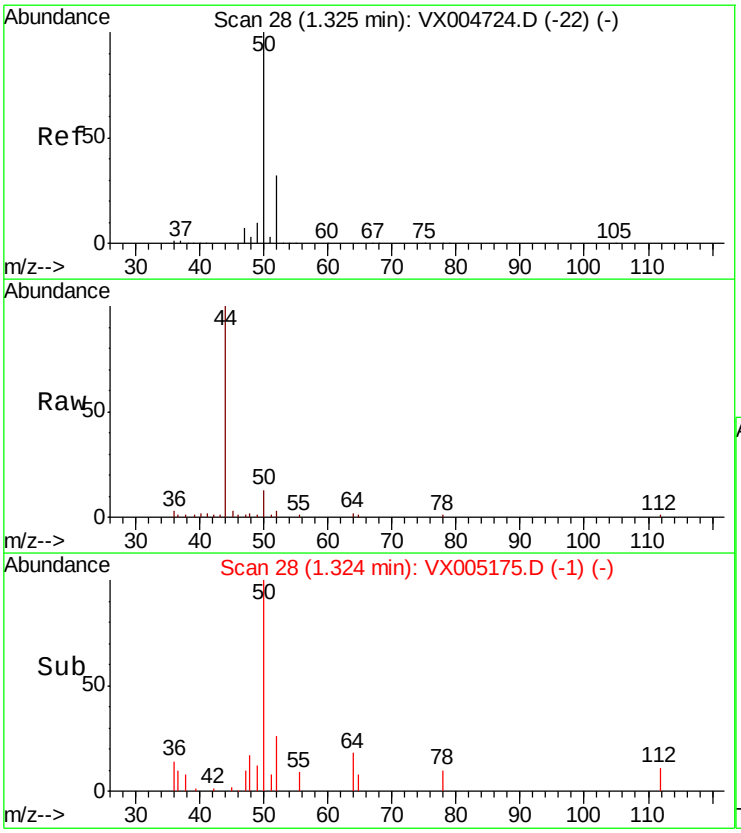
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.01 min
Lab File: VX005175.D
Acq: 09 Oct 2018 22:30

Instrument :
MSVOA_X
ClientSampleId :
RE-104D1-20181003

Tgt Ion:168 Resp: 174486

Ion	Ratio	Lower	Upper
168	100		
99	49.4	39.3	58.9

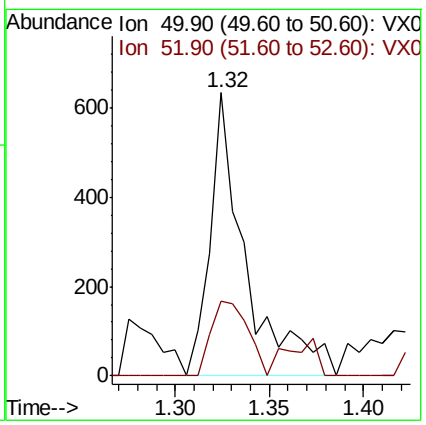


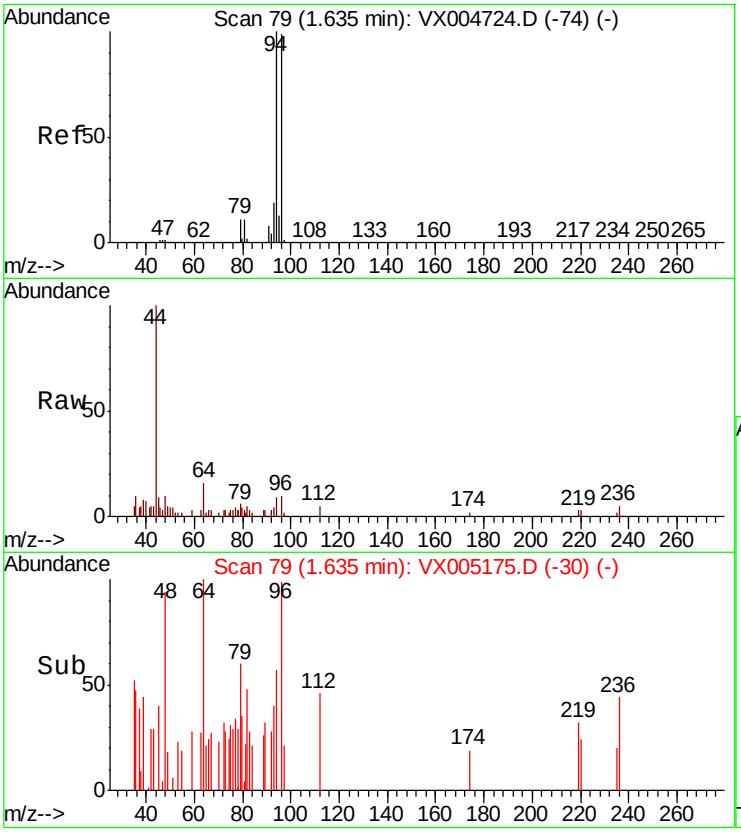


#3
Chloromethane
Concen: 0.289 ug/l
RT: 1.32 min Scan# 28
Delta R.T. -0.00 min
Lab File: VX005175.D
Acq: 09 Oct 2018 22:30

Tgt Ion: 50 Resp: 833

Ion	Ratio	Lower	Upper
50	100		
52	26.4	25.8	38.6



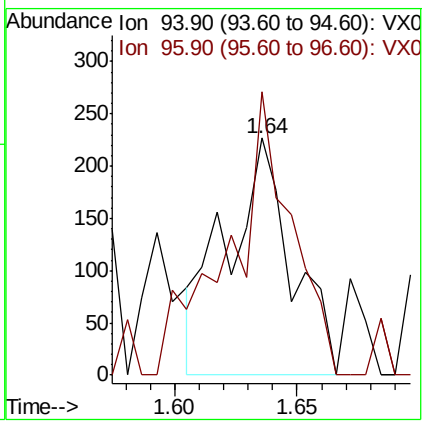


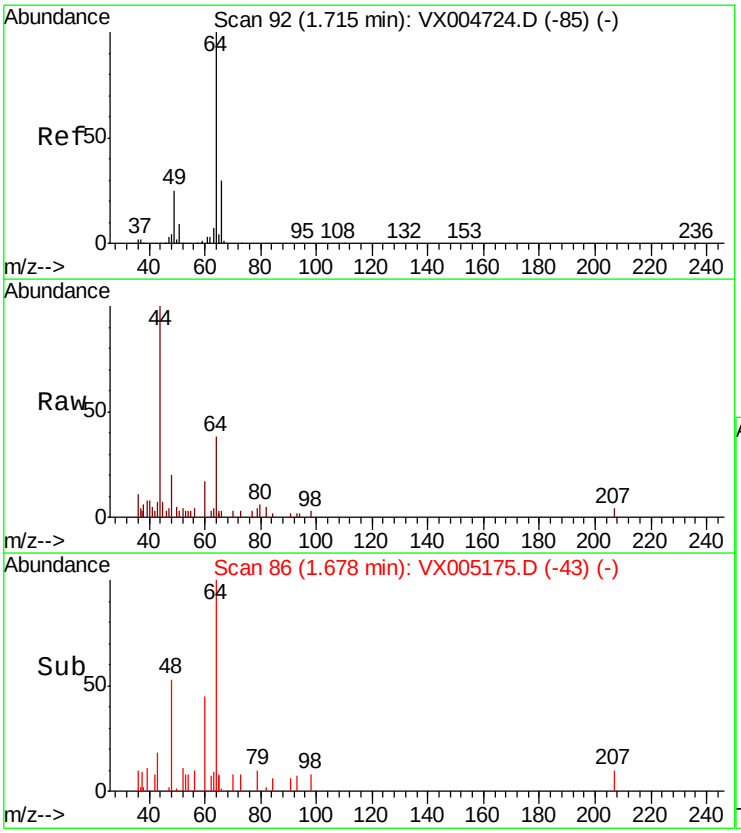
#5
Bromomethane
Concen: 0.263 ug/l
RT: 1.64 min Scan# 79
Delta R.T. -0.00 min
Lab File: VX005175.D
Acq: 09 Oct 2018 22:30

Instrument :
MSVOA_X
ClientSampleId :
RE-104D1-20181003

Tgt Ion: 94 Resp: 422

Ion	Ratio	Lower	Upper
94	100		
96	119.4	79.5	119.3#

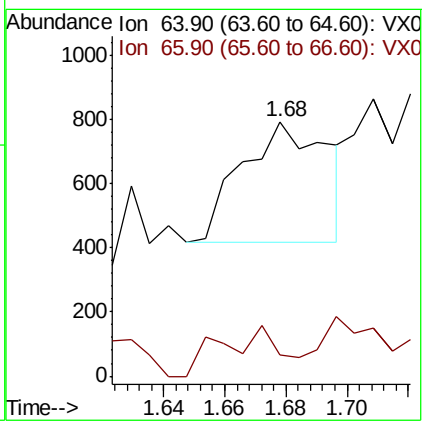


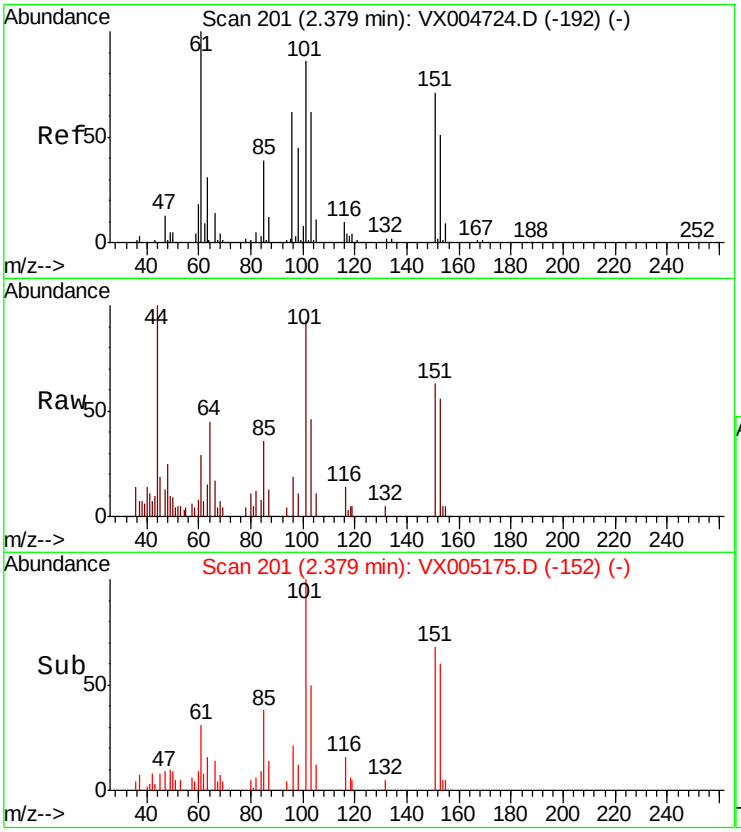


#6
Chloroethane
Concen: Below Cal
RT: 1.68 min Scan# 86
Delta R.T. -0.04 min
Lab File: VX005175.D
Acq: 09 Oct 2018 22:30

Tgt Ion: 64 Resp: 725

Ion	Ratio	Lower	Upper
64	100		
66	17.4	23.8	35.6#



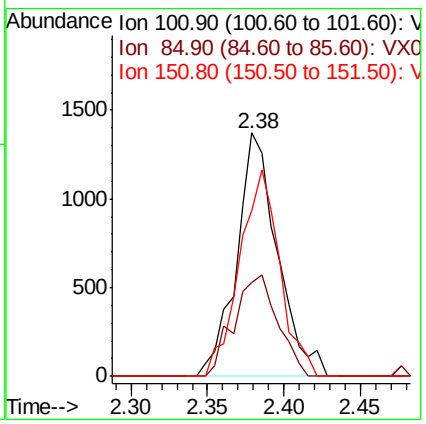


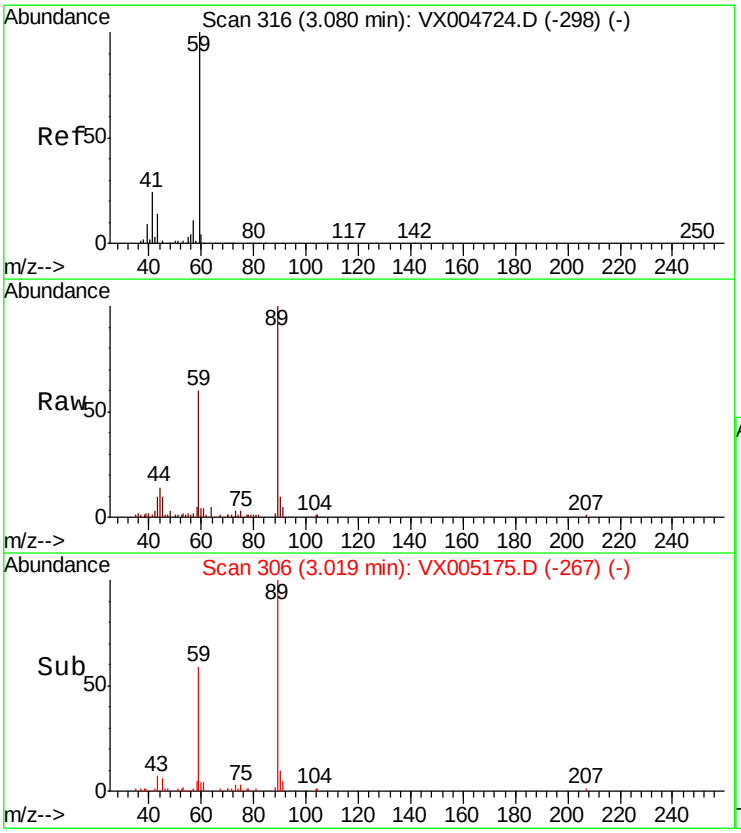
#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.331 ug/l
RT: 2.38 min Scan# 201
Delta R.T. -0.00 min
Lab File: VX005175.D
Acq: 09 Oct 2018 22:30

Instrument :
MSVOA_X
ClientSampleId :
RE-104D1-20181003

Tgt Ion:101 Resp: 2541

Ion	Ratio	Lower	Upper
101	100		
85	44.5	35.9	53.9
151	83.6	66.6	100.0

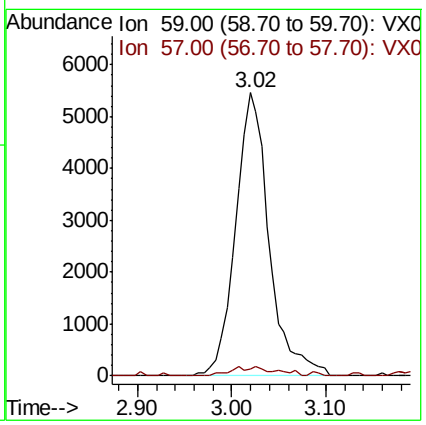


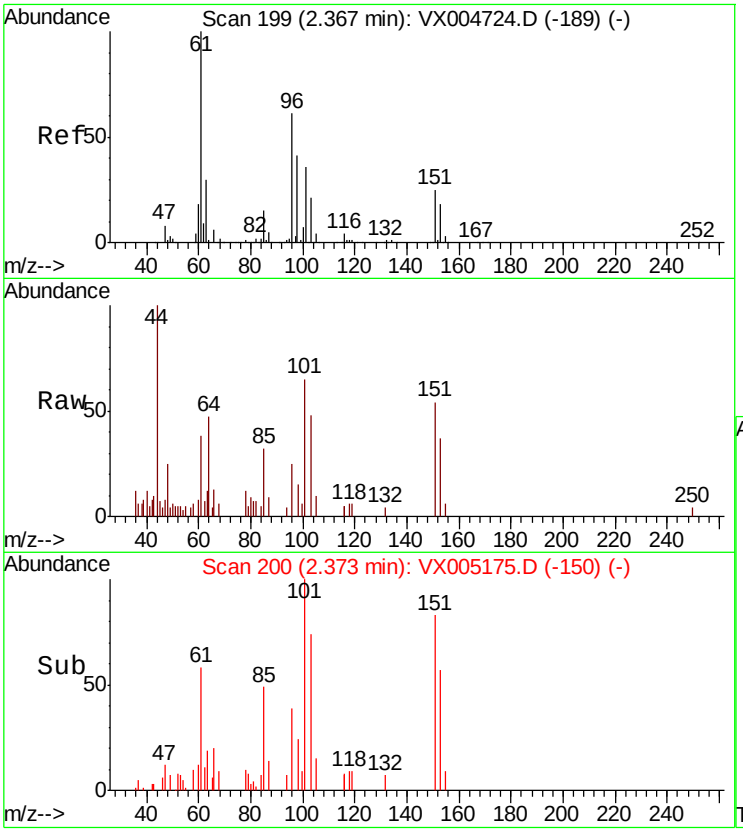


#11
Tert butyl alcohol
Concen: 19.437 ug/l
RT: 3.02 min Scan# 306
Delta R.T. -0.06 min
Lab File: VX005175.D
Acq: 09 Oct 2018 22:30

Tgt Ion: 59 Resp: 13546

Ion	Ratio	Lower	Upper
59	100		
57	1.5	8.6	12.8#



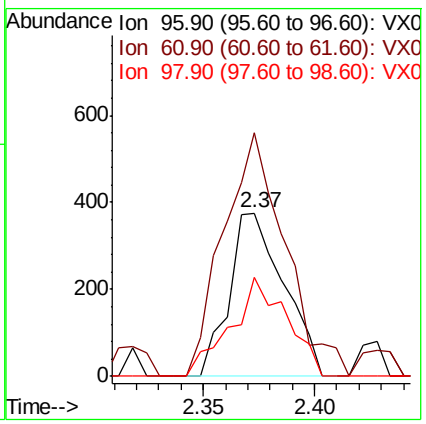


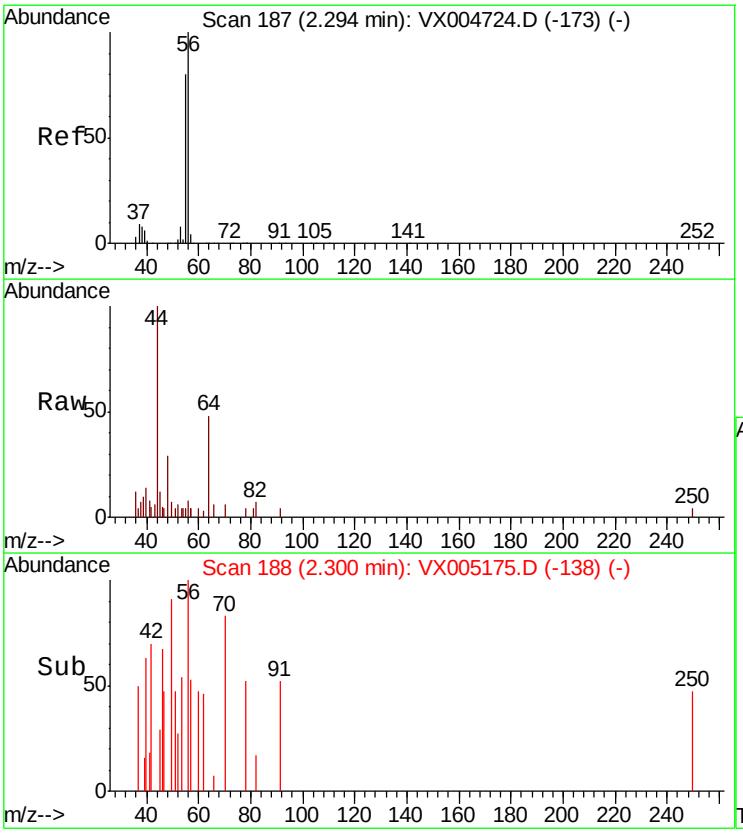
#12
1,1-Dichloroethene
Concen: 0.340 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.01 min
Lab File: VX005175.D
Acq: 09 Oct 2018 22:30

Instrument :
MSVOA_X
ClientSampleId :
RE-104D1-20181003

Tgt Ion: 96 Resp: 642

Ion	Ratio	Lower	Upper
96	100		
61	148.9	130.2	195.4
98	60.6	53.4	80.0

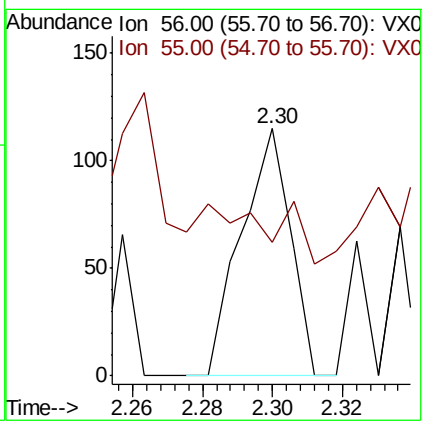


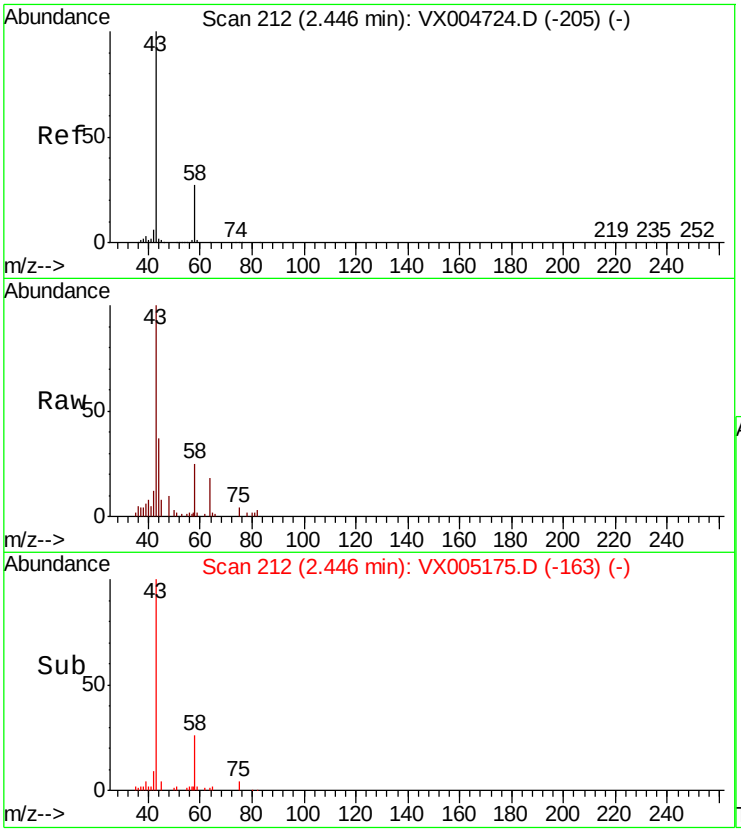


#13
Acrolein
Concen: 0.224 ug/l
RT: 2.30 min Scan# 188
Delta R.T. 0.01 min
Lab File: VX005175.D
Acq: 09 Oct 2018 22:30

Tgt Ion: 56 Resp: 111

Ion	Ratio	Lower	Upper
56	100		
55	0.0	63.4	95.2#



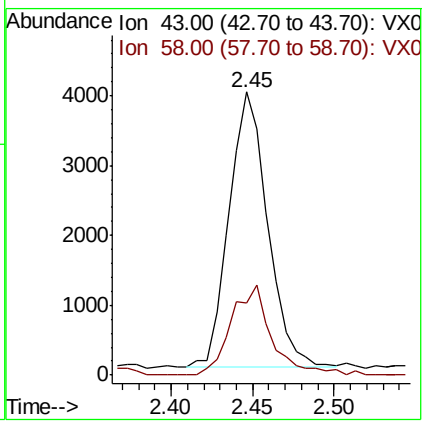


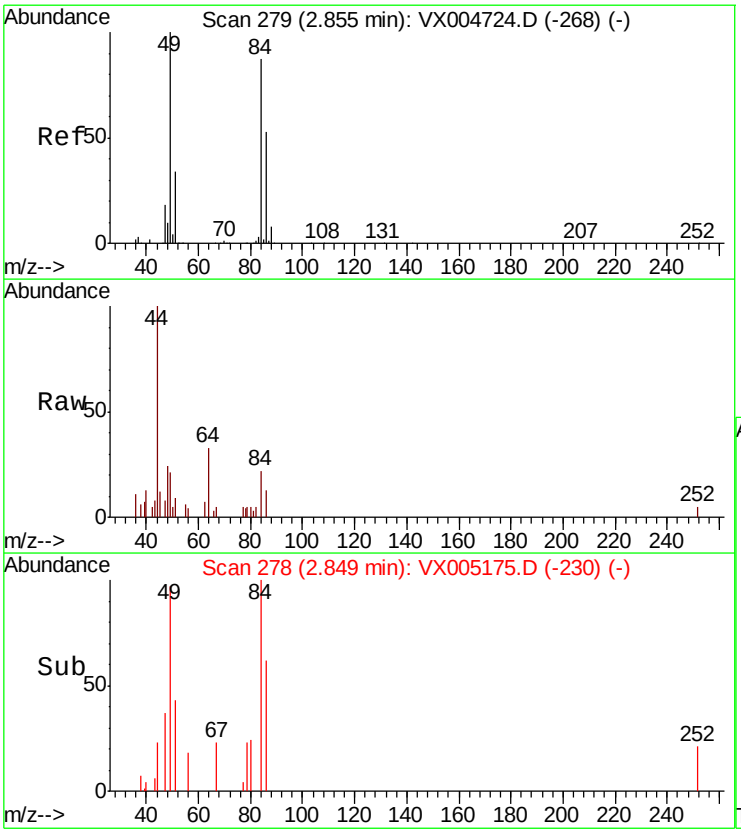
#16
Acetone
Concen: 4.468 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX005175.D
Acq: 09 Oct 2018 22:30

Instrument : MSVOA_X
ClientSampleId : RE-104D1-20181003

Tgt Ion: 43 Resp: 6502

Ion	Ratio	Lower	Upper
43	100		
58	26.1	21.8	32.6

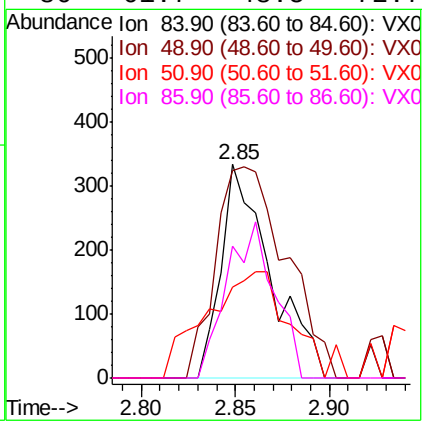


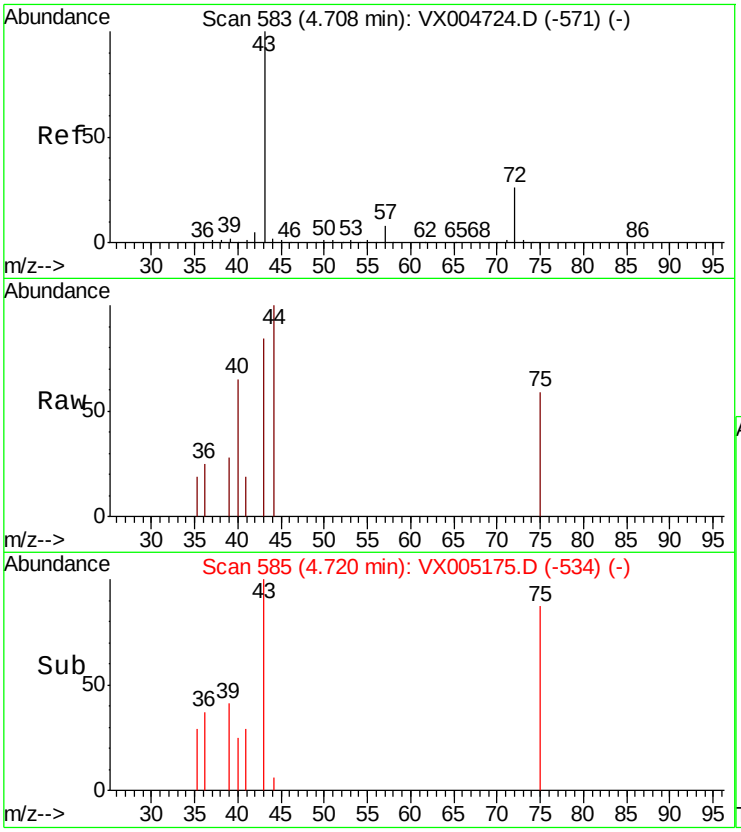


#20
Methylene Chloride
Concen: Below Cal
RT: 2.85 min Scan# 278
Delta R.T. -0.01 min
Lab File: VX005175.D
Acq: 09 Oct 2018 22:30

Tgt Ion: 84 Resp: 605

Ion	Ratio	Lower	Upper
84	100		
49	97.0	92.3	138.5
51	26.6	31.8	47.6#
86	61.7	48.5	72.7



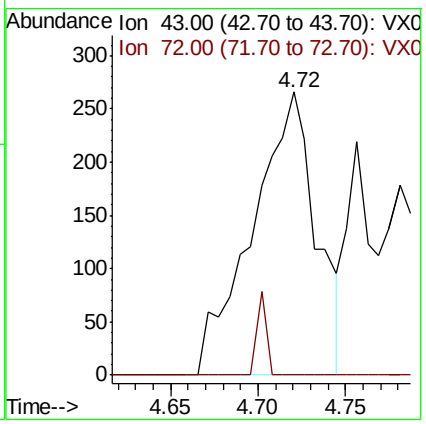


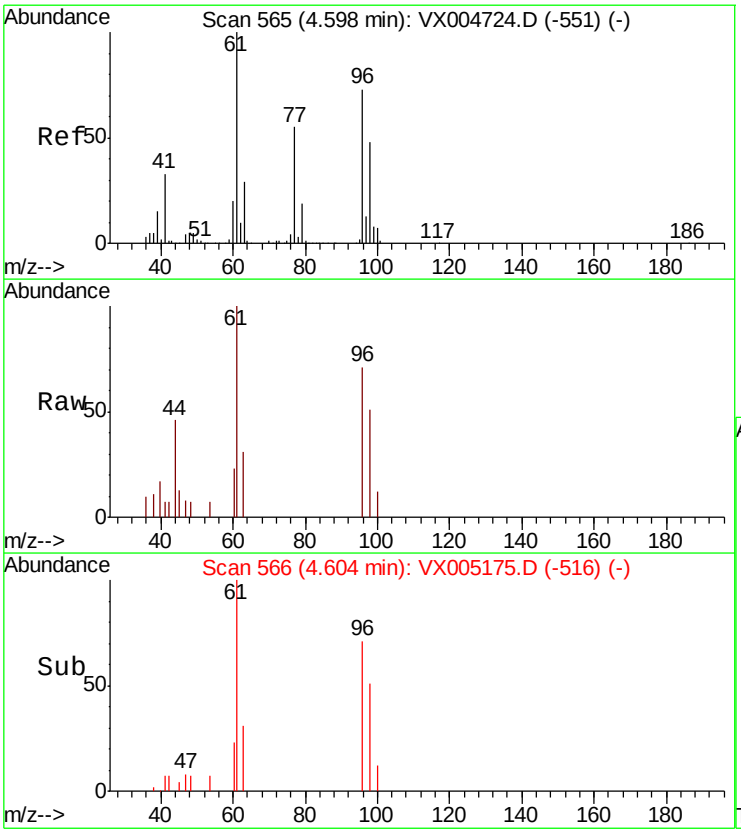
#25
2-Butanone
Concen: 0.315 ug/l
RT: 4.72 min Scan# 585
Delta R.T. 0.01 min
Lab File: VX005175.D
Acq: 09 Oct 2018 22:30

Instrument :
MSVOA_X
ClientSampleId :
RE-104D1-20181003

Tgt Ion: 43 Resp: 676

Ion	Ratio	Lower	Upper
43	100		
72	0.0	20.8	31.2#

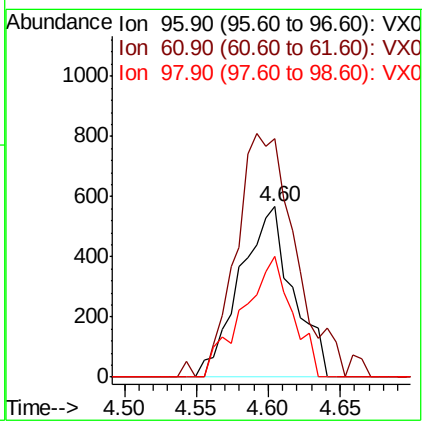


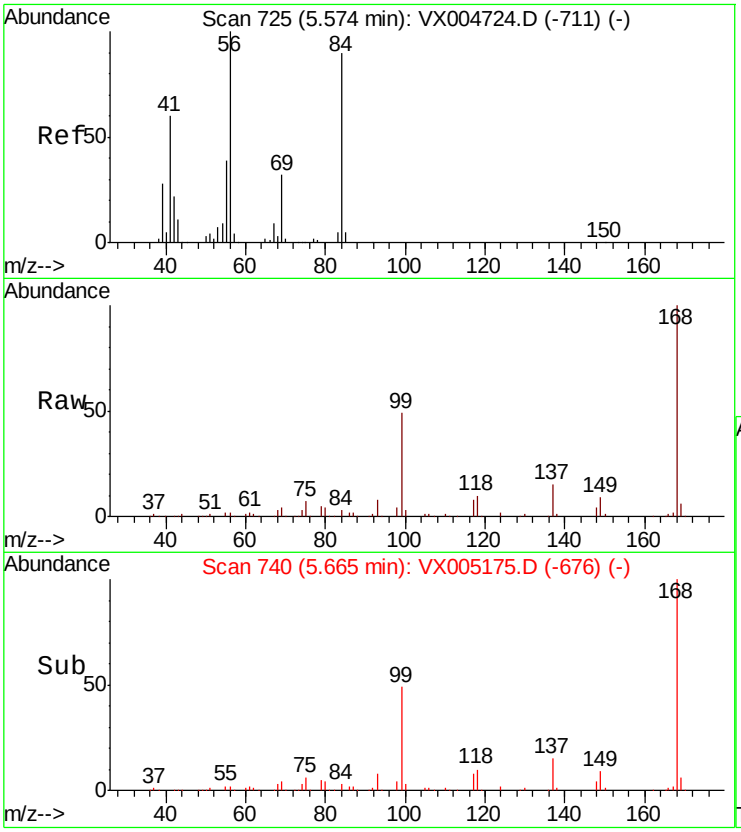


#27
cis-1,2-Dichloroethene
Concen: 0.626 ug/l
RT: 4.60 min Scan# 566
Delta R.T. 0.01 min
Lab File: VX005175.D
Acq: 09 Oct 2018 22:30

Tgt Ion: 96 Resp: 1447

Ion	Ratio	Lower	Upper
96	100		
61	157.8	0.0	285.8
98	65.9	0.0	136.2



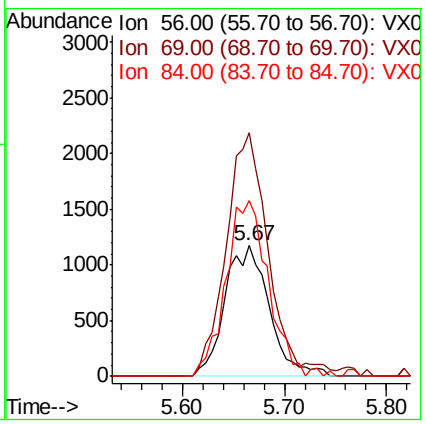


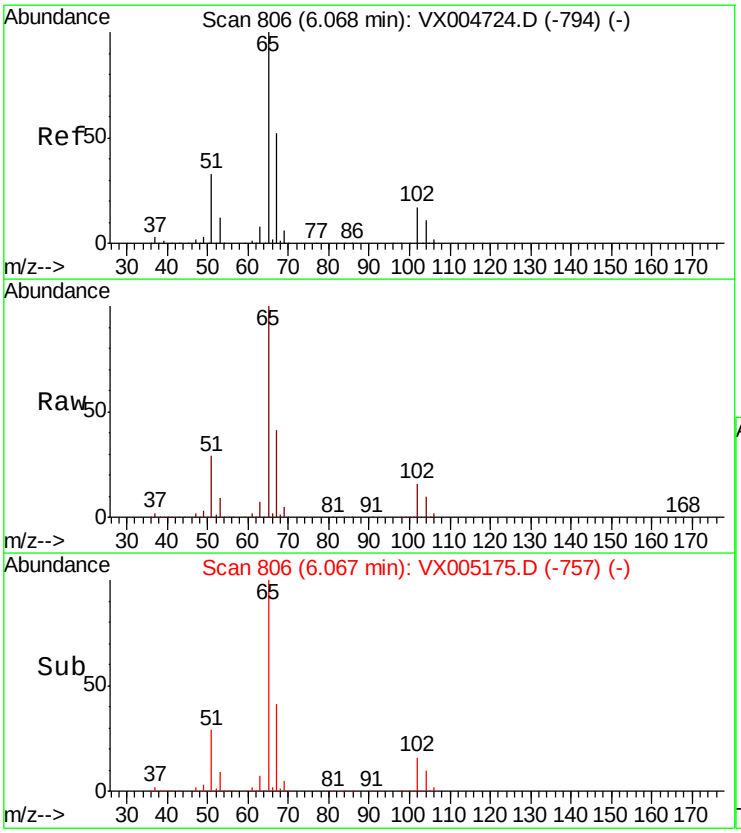
#31
Cyclohexane
Concen: 1.115 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.09 min
Lab File: VX005175.D
Acq: 09 Oct 2018 22:30

Instrument :
MSVOA_X
ClientSampleId :
RE-104D1-20181003

Tgt Ion: 56 Resp: 3537

Ion	Ratio	Lower	Upper
56	100		
69	186.1	25.9	38.9#
84	134.5	71.9	107.9#

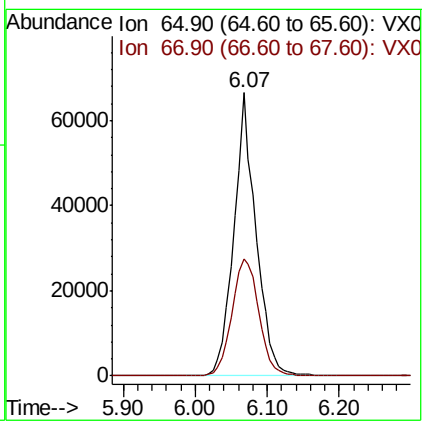


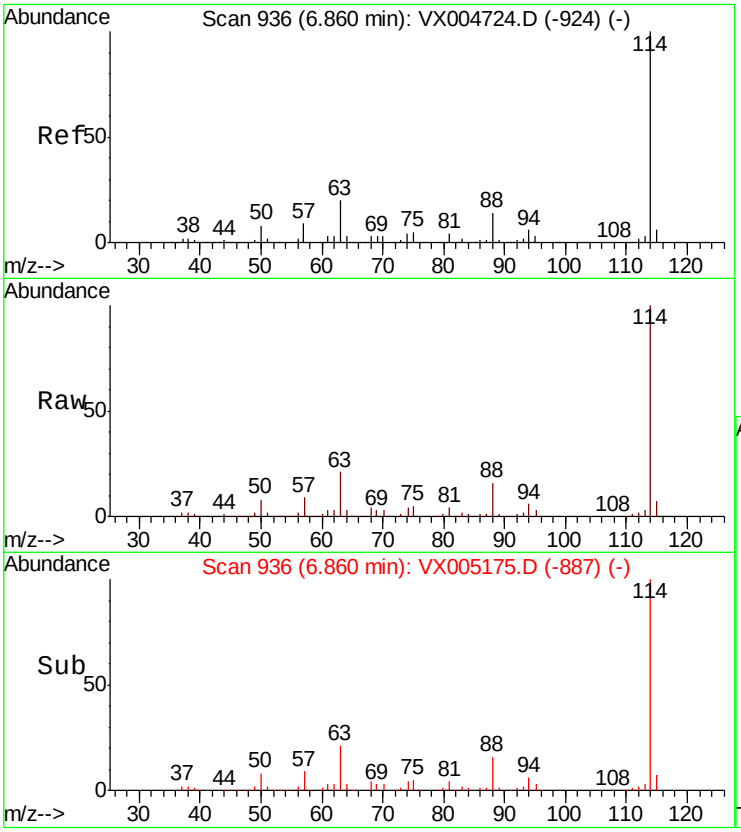


#33
1,2-Dichloroethane-d4
Concen: 57.090 ug/l
RT: 6.07 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX005175.D
Acq: 09 Oct 2018 22:30

Tgt Ion: 65 Resp: 142298

Ion	Ratio	Lower	Upper
65	100		
67	50.4	0.0	107.4



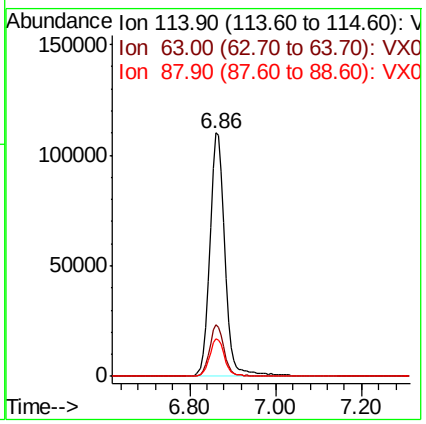


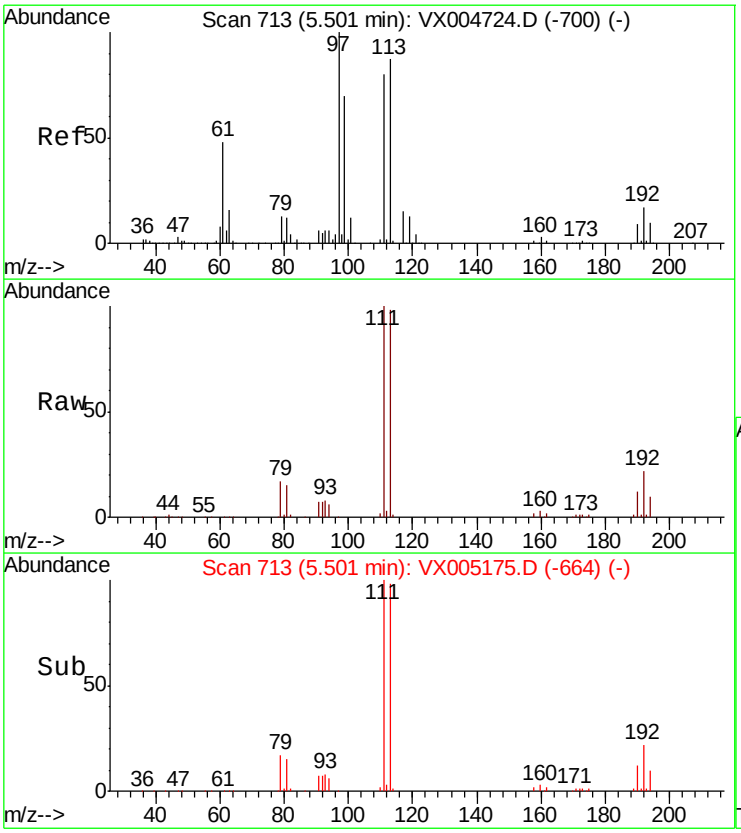
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX005175.D
Acq: 09 Oct 2018 22:30

Instrument :
MSVOA_X
ClientSampleId :
RE-104D1-20181003

Tgt Ion:114 Resp: 274863

Ion	Ratio	Lower	Upper
114	100		
63	21.3	0.0	39.8
88	15.6	0.0	27.0

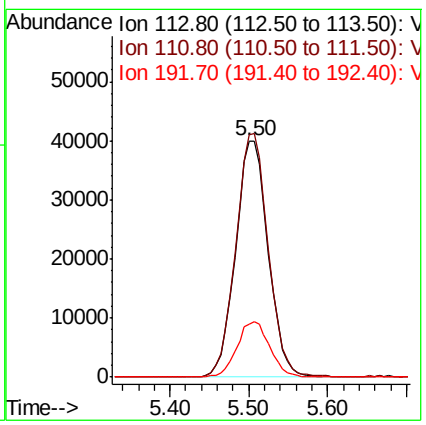


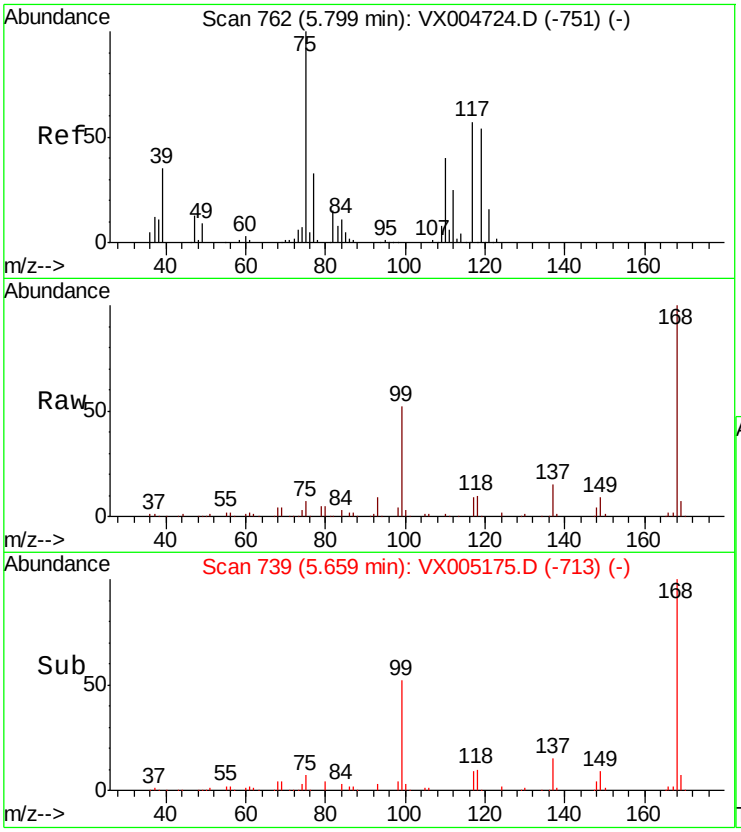


#35
Dibromofluoromethane
Concen: 49.302 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX005175.D
Acq: 09 Oct 2018 22:30

Tgt Ion:113 Resp: 114848

Ion	Ratio	Lower	Upper
113	100		
111	102.3	77.0	115.4
192	23.7	17.0	25.6



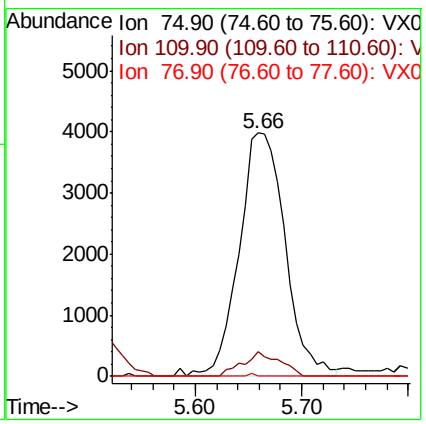


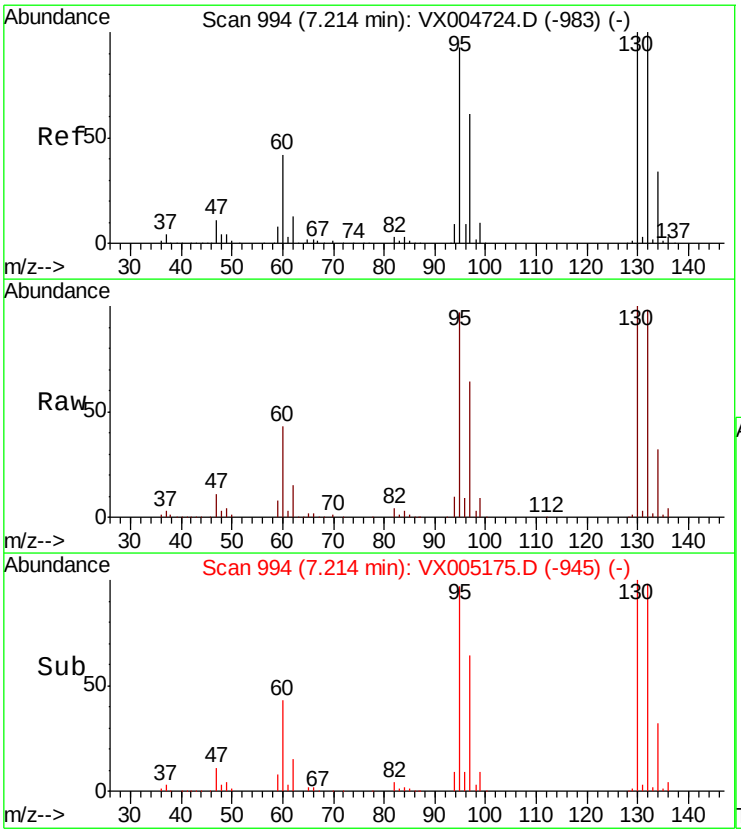
#36
1,1-Dichloropropene
Concen: 3.794 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.14 min
Lab File: VX005175.D
Acq: 09 Oct 2018 22:30

Instrument :
MSVOA_X
ClientSampleId :
RE-104D1-20181003

Tgt Ion: 75 Resp: 12059

Ion	Ratio	Lower	Upper
75	100		
110	8.2	20.0	59.9#
77	0.2	27.1	40.7#

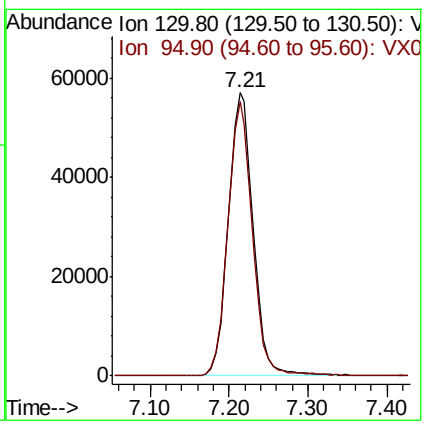


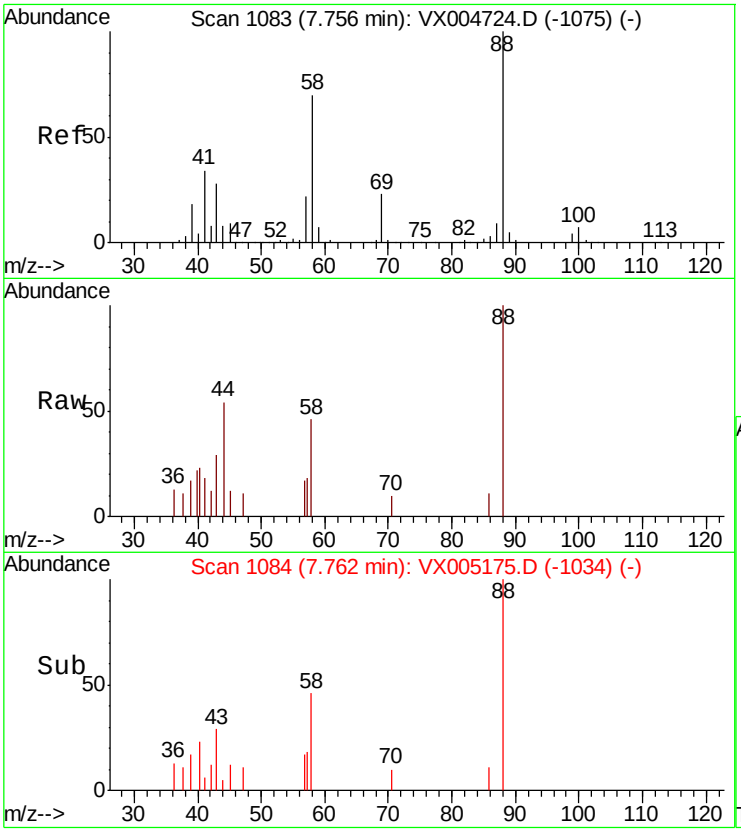


#44
Trichloroethene
Concen: 51.107 ug/l
RT: 7.21 min Scan# 994
Delta R.T. -0.00 min
Lab File: VX005175.D
Acq: 09 Oct 2018 22:30

Tgt Ion:130 Resp: 125012

Ion	Ratio	Lower	Upper
130	100		
95	97.1	0.0	186.8



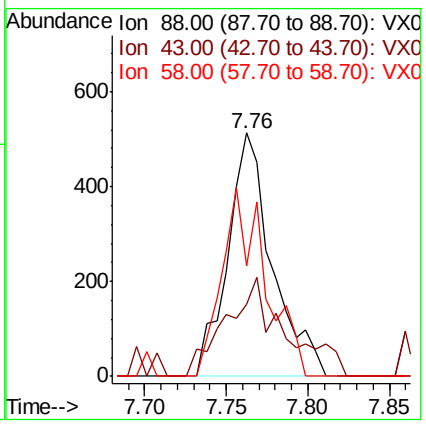


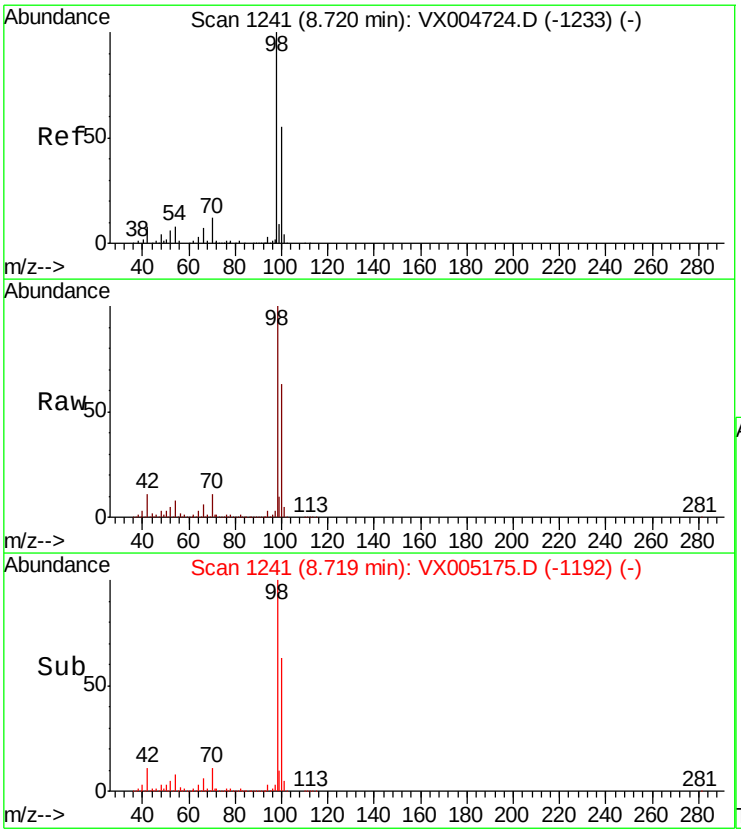
#49
1,4-Dioxane
Concen: 14.141 ug/l
RT: 7.76 min Scan# 1084
Delta R.T. 0.01 min
Lab File: VX005175.D
Acq: 09 Oct 2018 22:30

Instrument :
MSVOA_X
ClientSampleId :
RE-104D1-20181003

Tgt Ion: 88 Resp: 971

Ion	Ratio	Lower	Upper
88	100		
43	54.2	25.1	37.7#
58	76.2	56.2	84.2

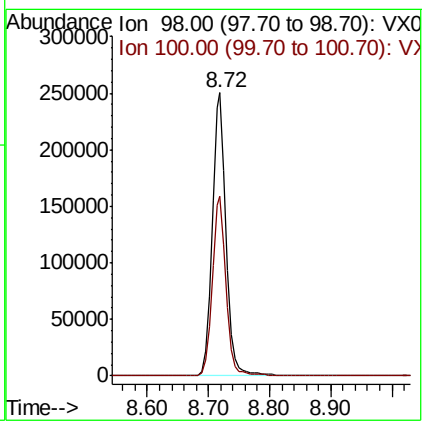


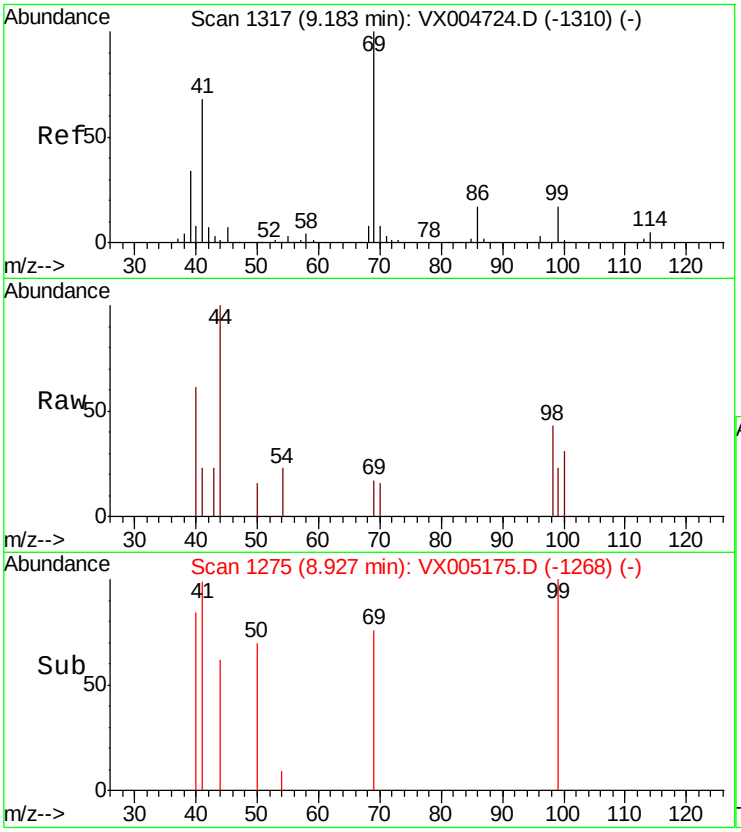


#50
Toluene-d8
Concen: 52.169 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VX005175.D
Acq: 09 Oct 2018 22:30

Tgt Ion: 98 Resp: 404020

Ion	Ratio	Lower	Upper
98	100		
100	63.3	51.9	77.9



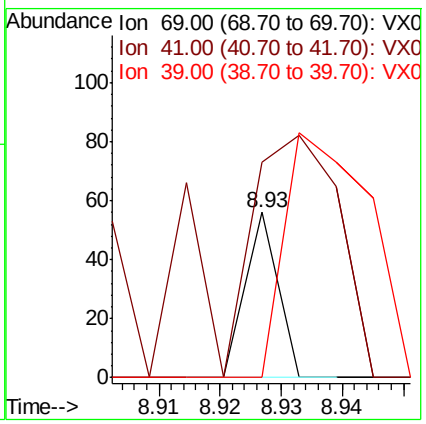


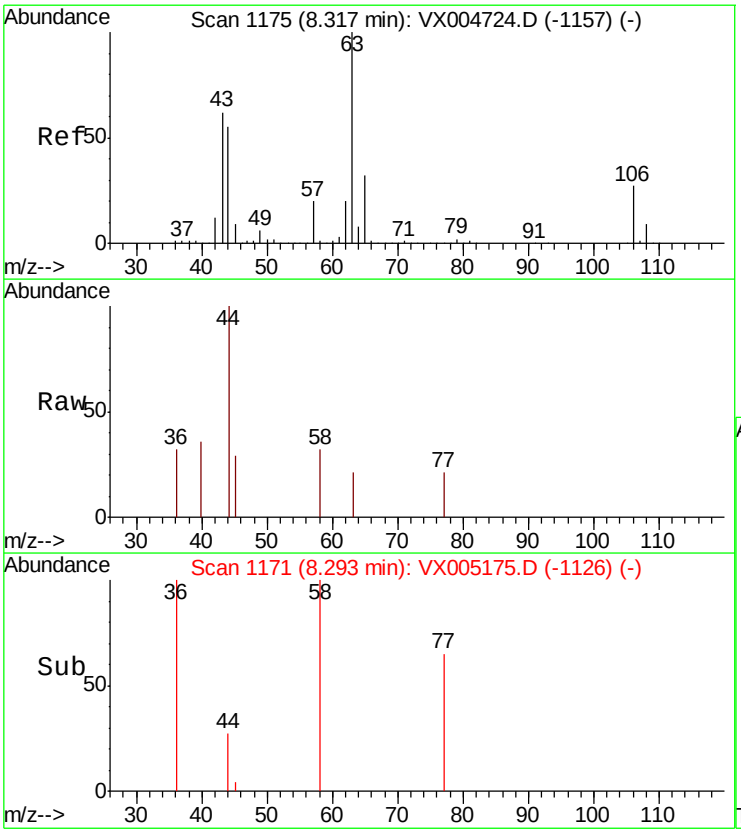
#56
Ethyl methacrylate
Concen: 2.867 ug/l
RT: 8.93 min Scan# 1275
Delta R.T. -0.26 min
Lab File: VX005175.D
Acq: 09 Oct 2018 22:30

Instrument :
MSVOA_X
ClientSampleId :
RE-104D1-20181003

Tgt Ion: 69 Resp: 20

Ion	Ratio	Lower	Upper
69	100		
41	525.0	56.9	85.3#
39	395.0	28.4	42.6#

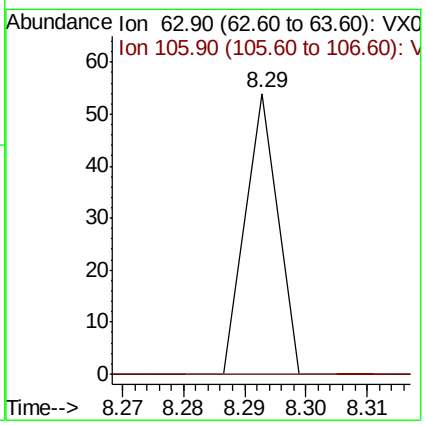


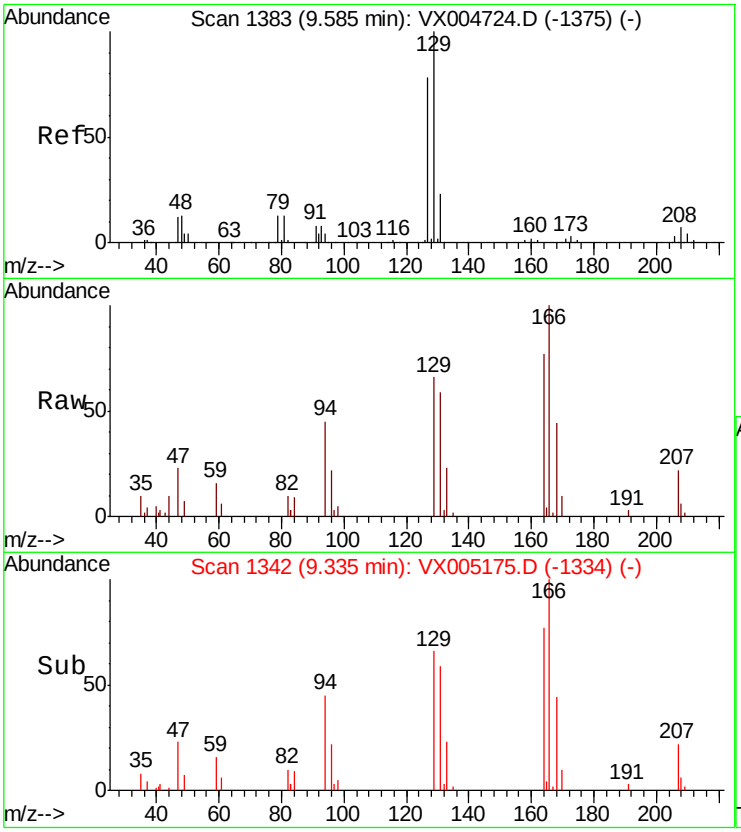


#58
2-Chloroethyl Vinyl ether
Concen: 14.251 ug/l
RT: 8.29 min Scan# 1171
Delta R.T. -0.02 min
Lab File: VX005175.D
Acq: 09 Oct 2018 22:30

Tgt Ion: 63 Resp: 20

Ion	Ratio	Lower	Upper
63	100		
106	0.0	21.0	31.6#



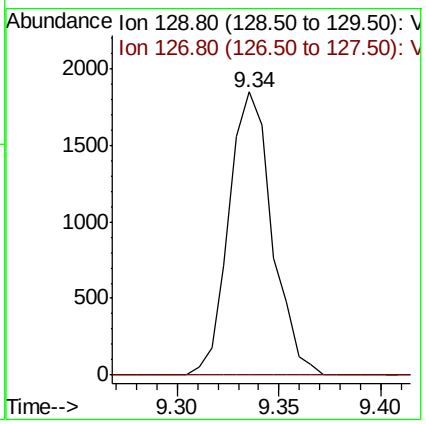


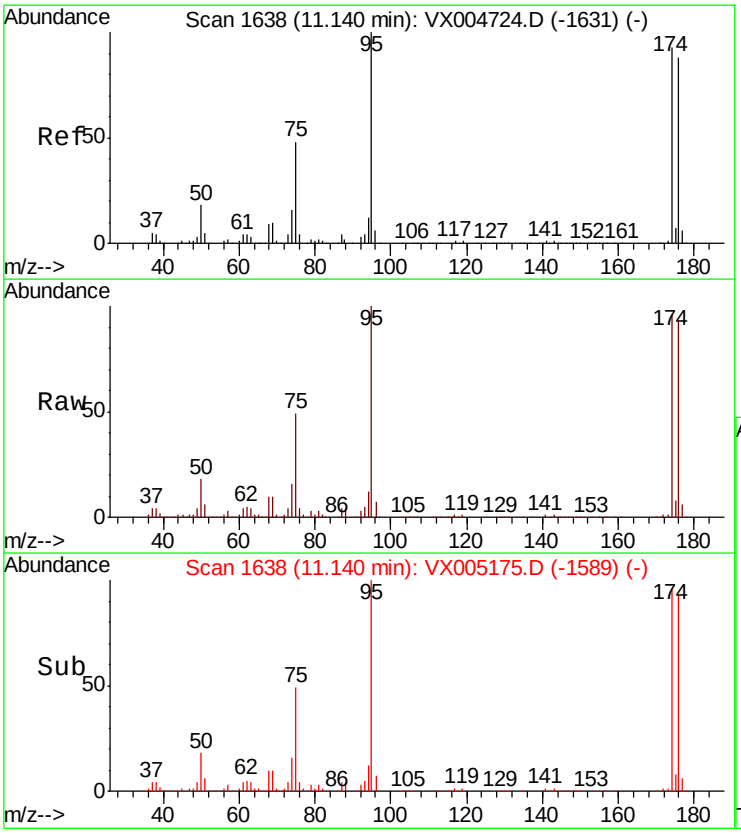
#60
Dibromochloromethane
Concen: 1.131 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.25 min
Lab File: VX005175.D
Acq: 09 Oct 2018 22:30

Instrument :
MSVOA_X
ClientSampleId :
RE-104D1-20181003

Tgt Ion:129 Resp: 2710

Ion	Ratio	Lower	Upper
129	100		
127	0.0	39.1	117.2#

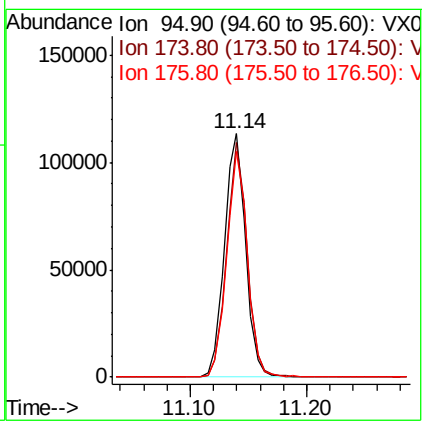


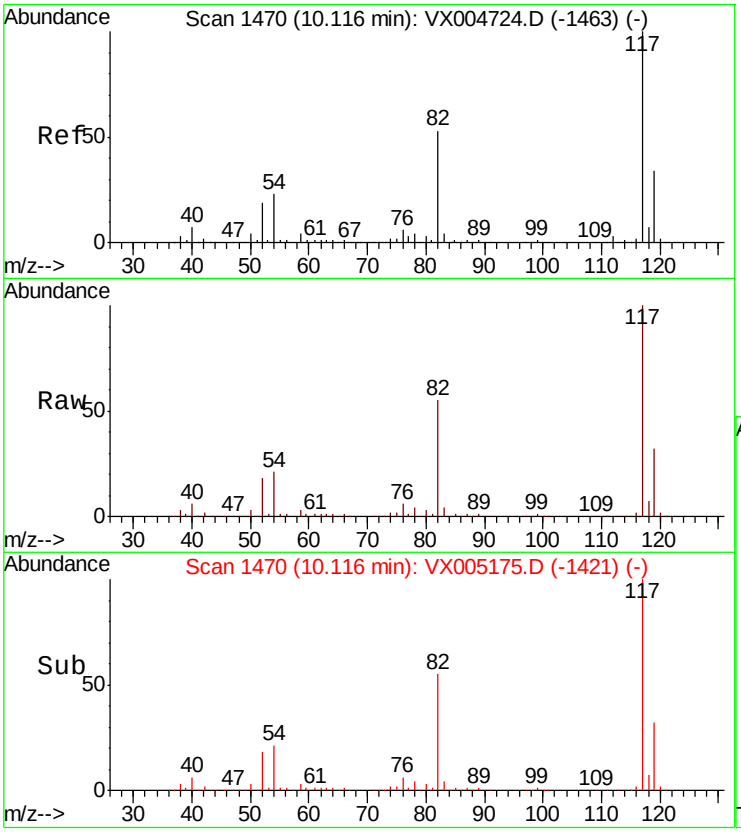


#62
4-Bromofluorobenzene
Concen: 51.039 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX005175.D
Acq: 09 Oct 2018 22:30

Tgt Ion: 95 Resp: 142396

Ion	Ratio	Lower	Upper
95	100		
174	94.1	0.0	185.0
176	91.1	0.0	180.2



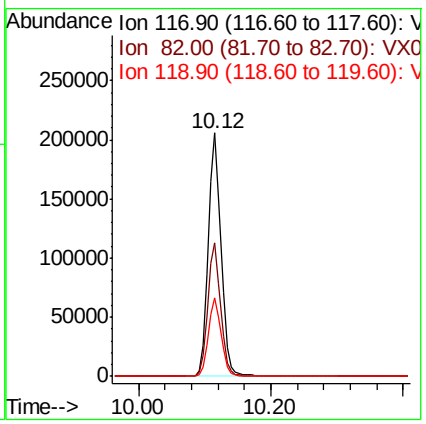


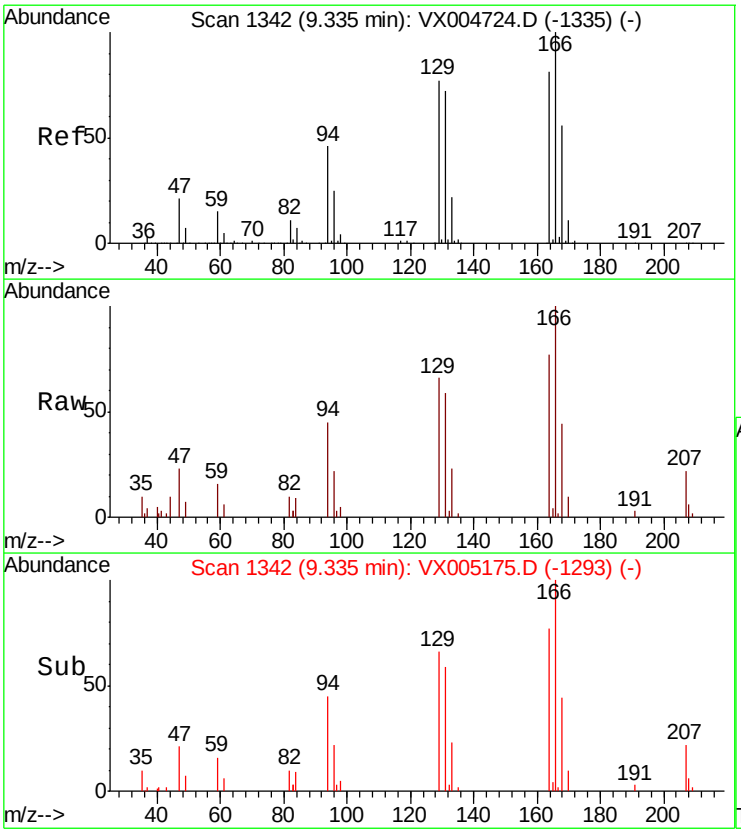
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005175.D
Acq: 09 Oct 2018 22:30

Instrument :
MSVOA_X
ClientSampleId :
RE-104D1-20181003

Tgt Ion:117 Resp: 275819

Ion	Ratio	Lower	Upper
117	100		
82	55.1	42.2	63.4
119	32.0	27.4	41.0

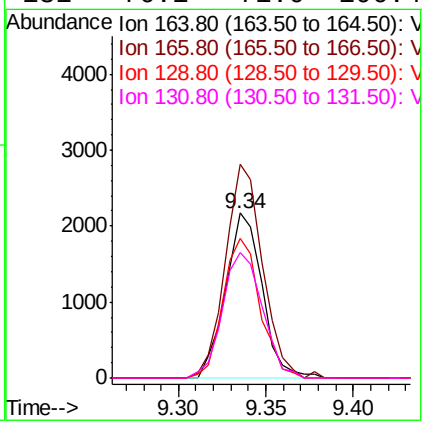


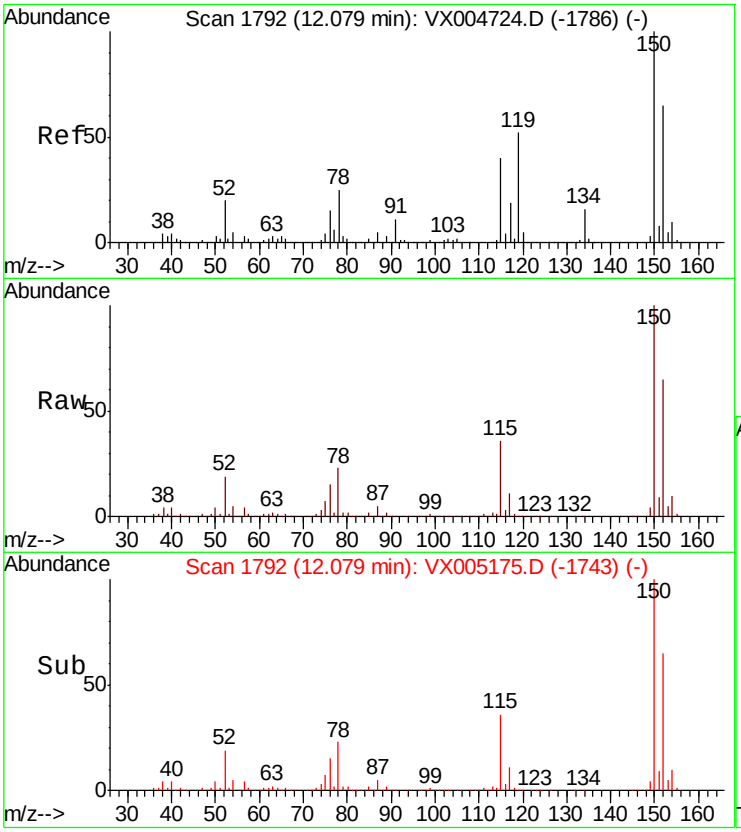


#64
Tetrachloroethene
Concen: 1.163 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX005175.D
Acq: 09 Oct 2018 22:30

Tgt Ion:164 Resp: 3157

Ion	Ratio	Lower	Upper
164	100		
166	129.5	98.4	147.6
129	85.0	76.1	114.1
131	76.1	71.0	106.4



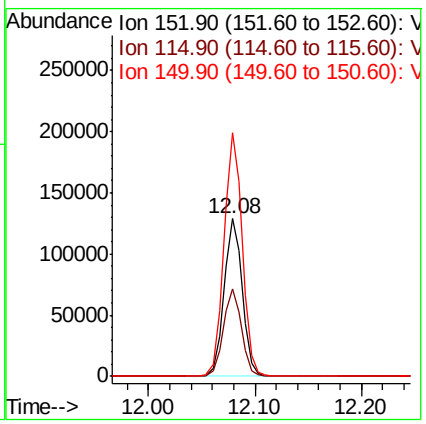


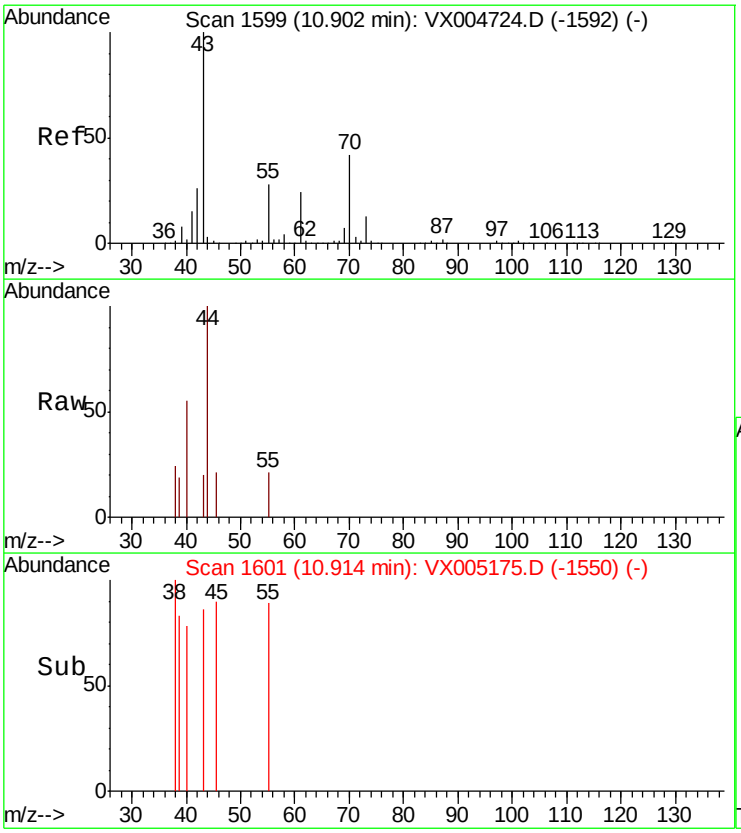
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX005175.D
Acq: 09 Oct 2018 22:30

Instrument :
MSVOA_X
ClientSampleId :
RE-104D1-20181003

Tgt Ion:152 Resp: 154163

Ion	Ratio	Lower	Upper
152	100		
115	55.2	40.2	120.6
150	155.0	0.0	351.0

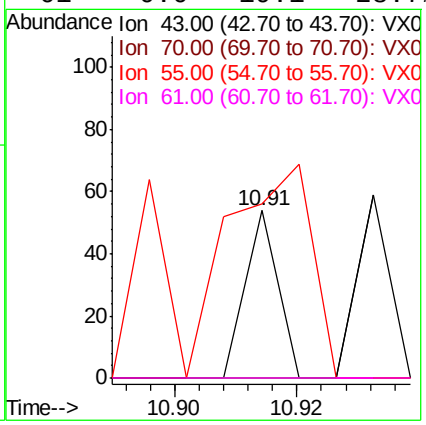


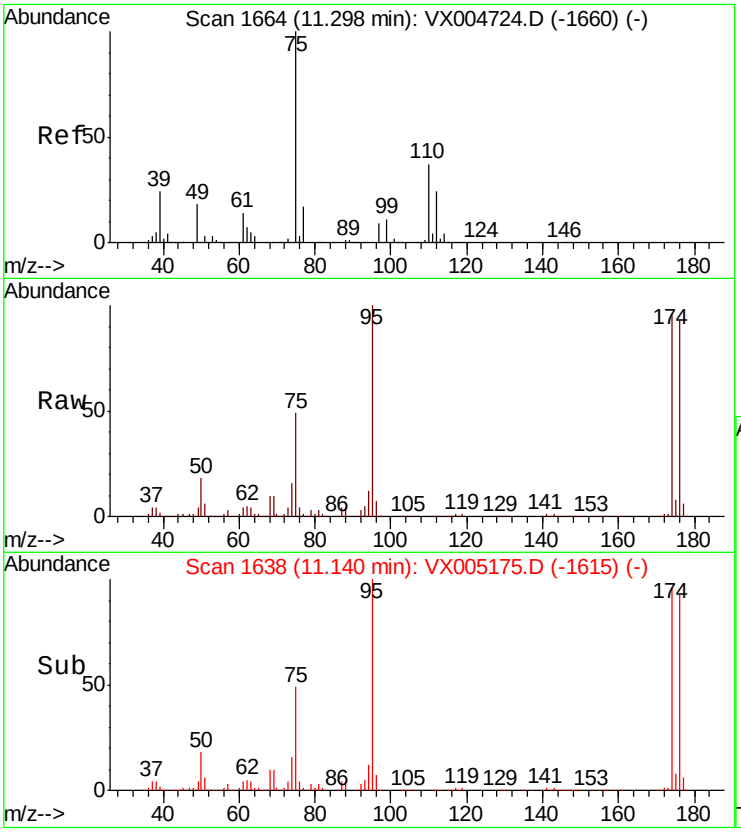


#74
N-amyl acetate
Concen: 1.751 ug/l
RT: 10.91 min Scan# 1601
Delta R.T. 0.01 min
Lab File: VX005175.D
Acq: 09 Oct 2018 22:30

Tgt Ion: 43 Resp: 20

Ion	Ratio	Lower	Upper
43	100		
70	0.0	32.6	48.8#
55	325.0	21.6	32.4#
61	0.0	19.1	28.7#



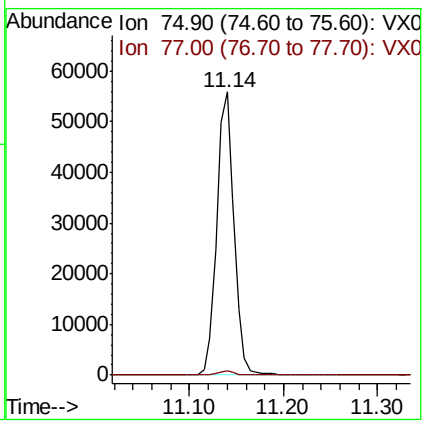


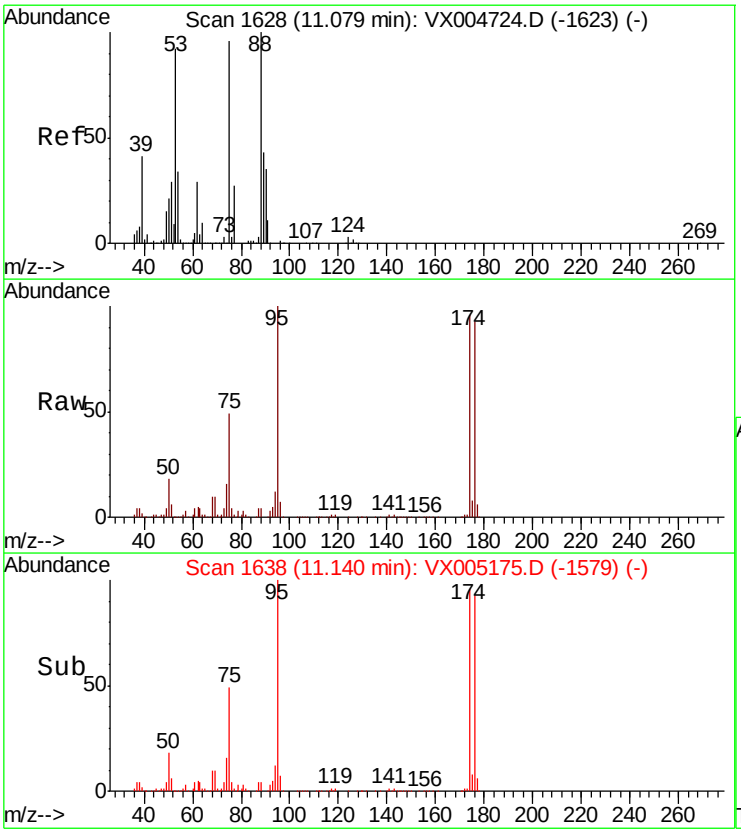
#76
1,2,3-Trichloropropane
Concen: 20.476 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.16 min
Lab File: VX005175.D
Acq: 09 Oct 2018 22:30

Instrument :
MSVOA_X
ClientSampleId :
RE-104D1-20181003

Tgt Ion: 75 Resp: 70752

Ion	Ratio	Lower	Upper
75	100		
77	1.4	21.4	64.3#

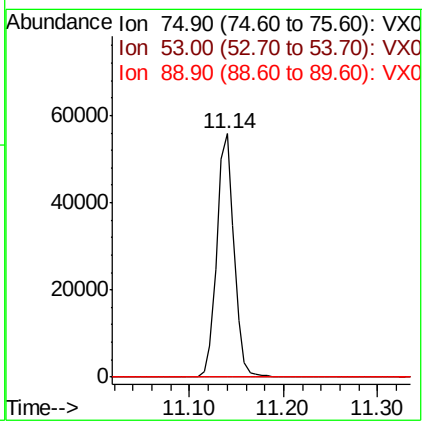


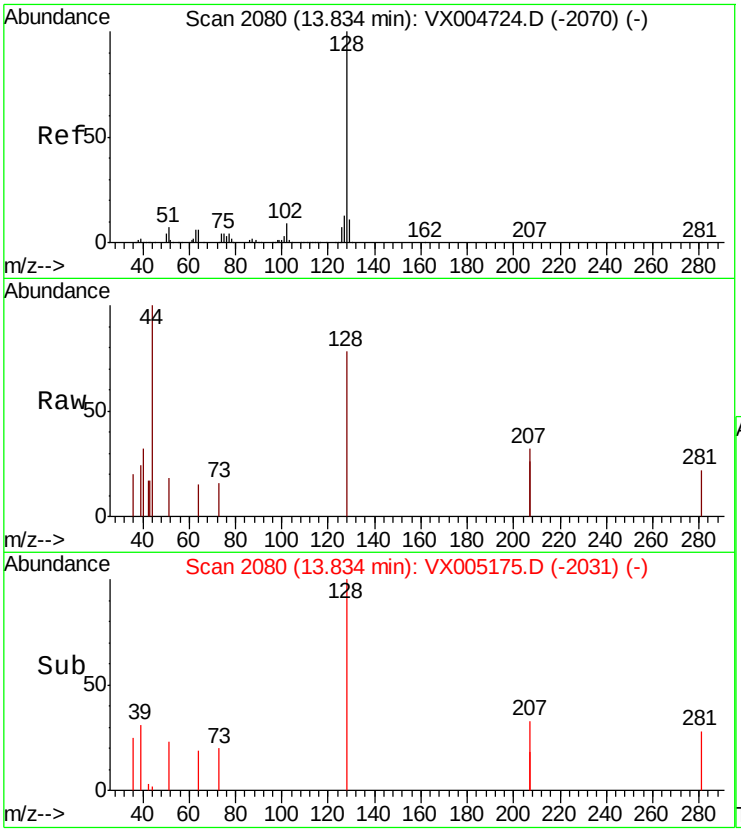


#81
trans-1,4-Dichloro-2-butene
Concen: 55.614 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.06 min
Lab File: VX005175.D
Acq: 09 Oct 2018 22:30

Tgt Ion: 75 Resp: 70752

Ion	Ratio	Lower	Upper
75	100		
53	0.4	80.2	120.4#
89	0.0	37.1	55.7#





#95
Naphthalene
Concen: 0.743 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX005175.D
Acq: 09 Oct 2018 22:30

Instrument :
MSVOA_X
ClientSampleId :
RE-104D1-20181003

Tgt Ion:128 Resp: 309

Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.4	15.6#
129	0.0	8.7	13.1#