Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100518\
Data File : VX005096.D
Acq On : 06 Oct 2018 05:32
Operator : JC/MD
Sample : J5259-01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FA18-GMZ4-TB2

Quant Time: Oct 06 06:42:50 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	221341	50.00 ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	314865	50.00 ug/l	0.00
63) Chlorobenzene-d5	10.12	117	310461	50.00 ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	176931	50.00 ug/l	0.00
System Monitoring Compounds					
33) 1,2-Dichloroethane-d4	6.07	65	162666	51.45 ug/l	0.00
Spiked Amount 50.000			Recovery = 102.90%		
35) Dibromofluoromethane	5.51	113	145381	54.48 ug/l	0.00
Spiked Amount 50.000			Recovery = 108.96%		
50) Toluene-d8	8.72	98	460041	51.86 ug/l	0.00
Spiked Amount 50.000			Recovery = 103.72%		
62) 4-Bromofluorobenzene	11.14	95	166463	52.08 ug/l	0.00
Spiked Amount 50.000			Recovery = 104.16%		
Target Compounds					Qvalue
3) Chloromethane	1.32	50	742	0.203 ug/l #	82
5) Bromomethane	1.65	94	1099	0.540 ug/l #	51
6) Chloroethane	1.73	64	123	Below Cal #	45
10) Methyl Iodide	2.52	142	894	0.276 ug/l #	89
11) Tert butyl alcohol	3.03	59	3906	4.418 ug/l #	86
13) Acrolein	2.31	56	232	0.369 ug/l #	10
15) Acrylonitrile	3.15	53	796	0.409 ug/l #	77
17) Carbon Disulfide	2.57	76	2078	0.288 ug/l #	86
18) Methyl Acetate	2.78	43	1662	0.355 ug/l	98
20) Methylene Chloride	2.85	84	992	Below Cal #	76
29) Tetrahydrofuran	5.17	42	808	0.478 ug/l #	77
36) 1,1-Dichloropropene	5.81	75	810	0.222 ug/l #	49
38) Carbon Tetrachloride	5.67	117	19831	5.182 ug/l #	19
49) 1,4-Dioxane	7.77	88	23	0.292 ug/l #	21
56) Ethyl methacrylate	9.37	69	20	2.866 ug/l #	1
58) 2-Chloroethyl Vinyl ether	8.33	63	217	14.329 ug/l #	49
70) Styrene	10.72	104	308	2.175 ug/l #	76
74) N-amyl acetate	10.90	43	159	1.773 ug/l #	51
76) 1,2,3-Trichloropropane	11.14	75	81758	20.616 ug/l #	35
80) 1,3,5-Trimethylbenzene	11.51	105	607	Below Cal	93
81) trans-1,4-Dichloro-2-buten	11.14	75	81758	55.981 ug/l #	10
84) 1,2,4-Trimethylbenzene	11.80	105	553	Below Cal	94
95) Naphthalene	13.84	128	1407	0.814 ug/l	98

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

Quantitation Report (Not Reviewed)

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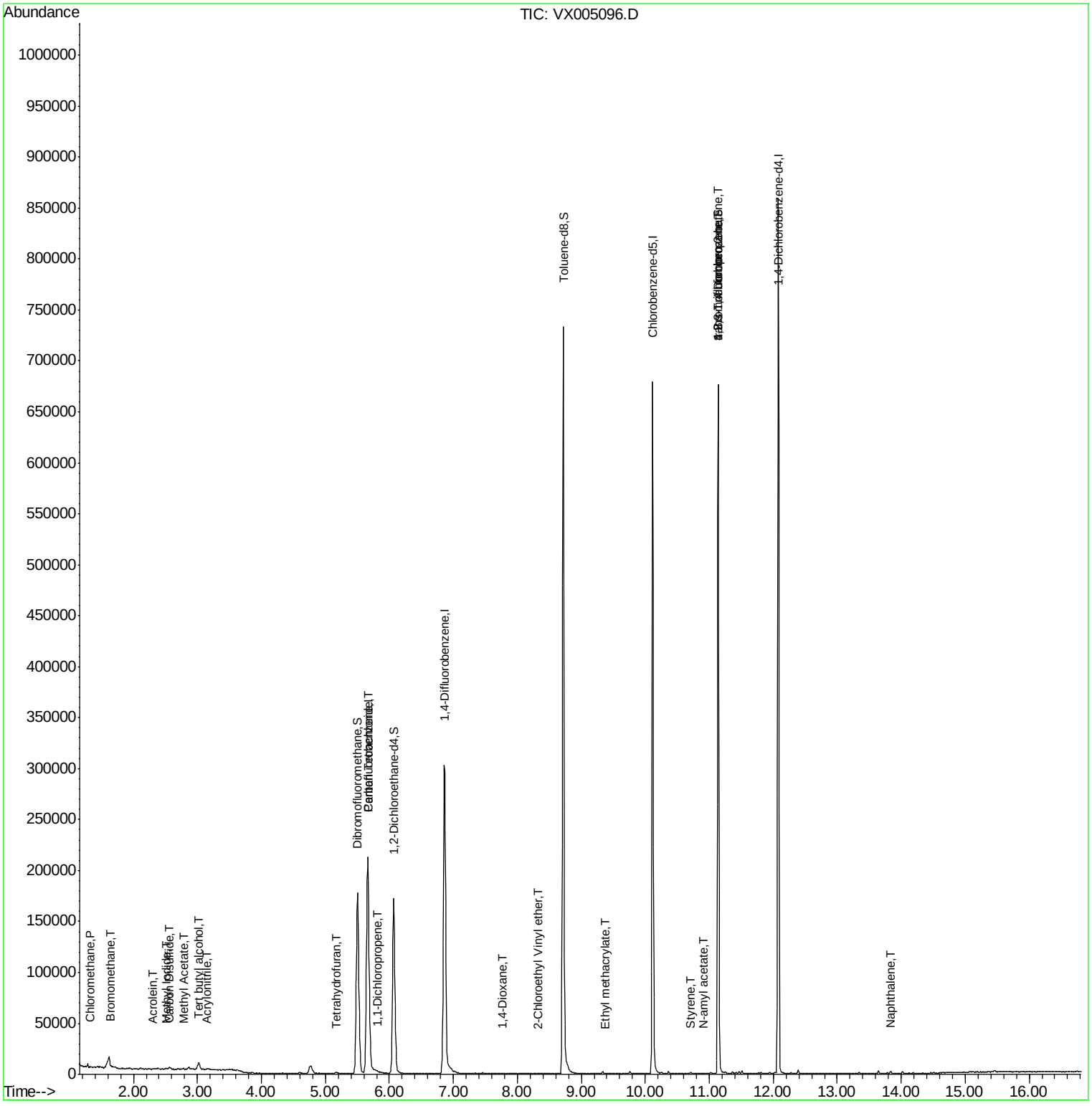
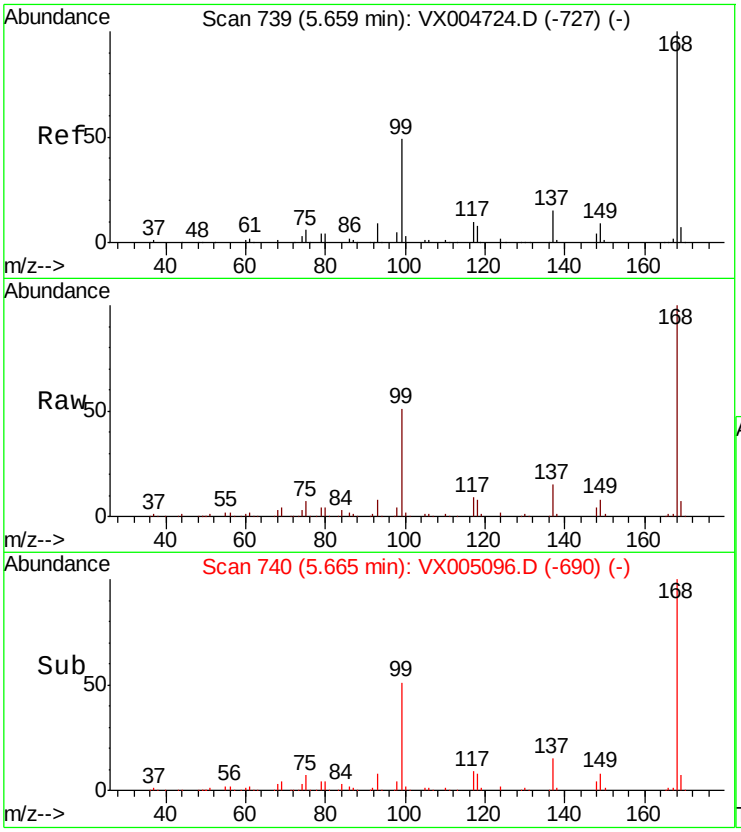
Data File : VX005096.D
Acq On : 06 Oct 2018 05:32
Operator : JC/MD
Sample : J5259-01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FA18-GMZ4-TB2

Quant Time: Oct 06 06:42:50 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



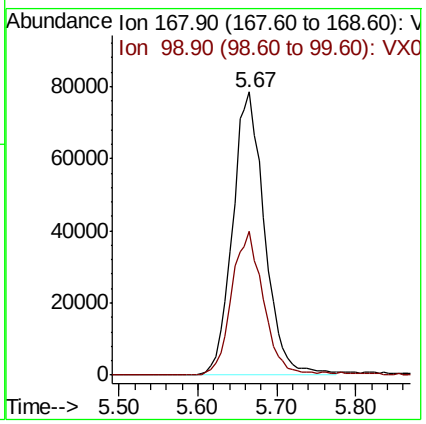


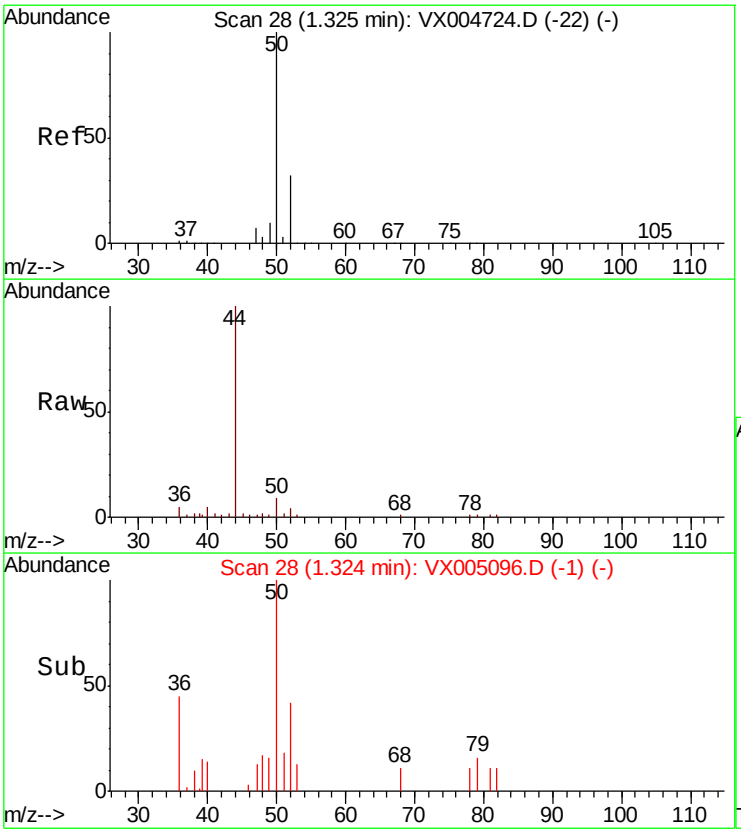
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.01 min
Lab File: VX005096.D
Acq: 06 Oct 2018 05:32

Instrument :
MSVOA_X
ClientSampleId :
FA18-GMZ4-TB2

Tgt Ion:168 Resp: 221341

Ion	Ratio	Lower	Upper
168	100		
99	50.9	39.3	58.9

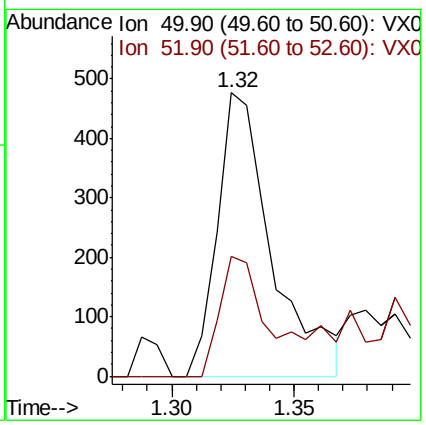


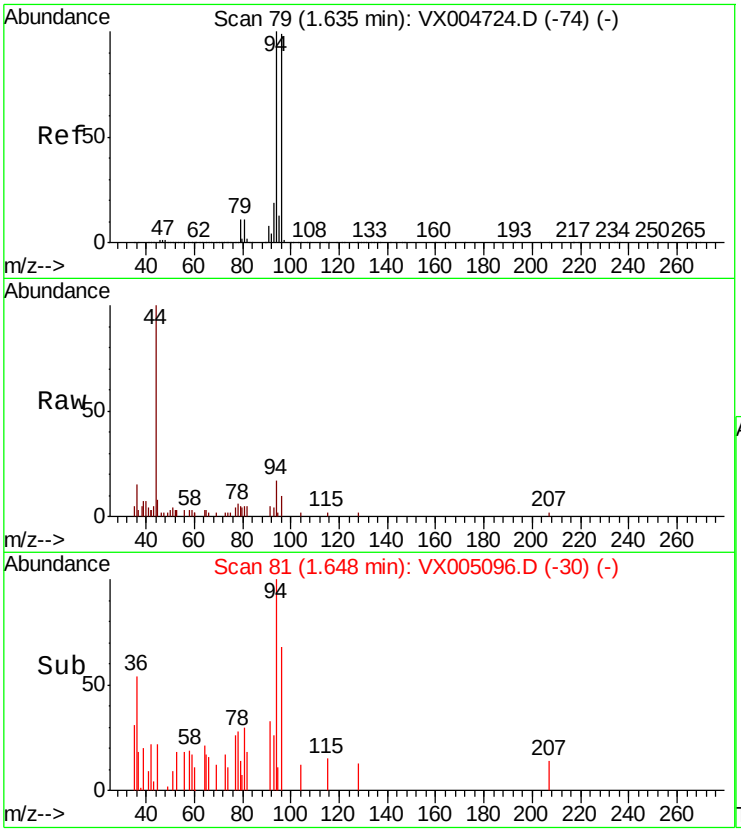


#3
Chloromethane
Concen: 0.203 ug/l
RT: 1.32 min Scan# 28
Delta R.T. -0.00 min
Lab File: VX005096.D
Acq: 06 Oct 2018 05:32

Tgt Ion: 50 Resp: 742

Ion	Ratio	Lower	Upper
50	100		
52	42.3	25.8	38.6#



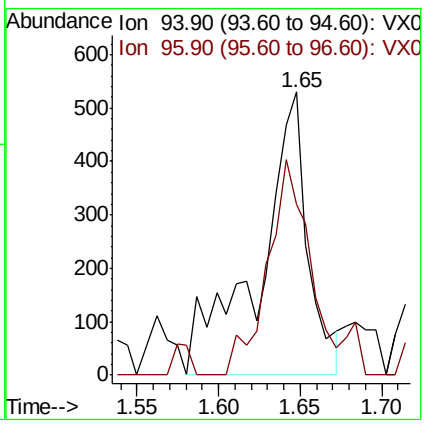


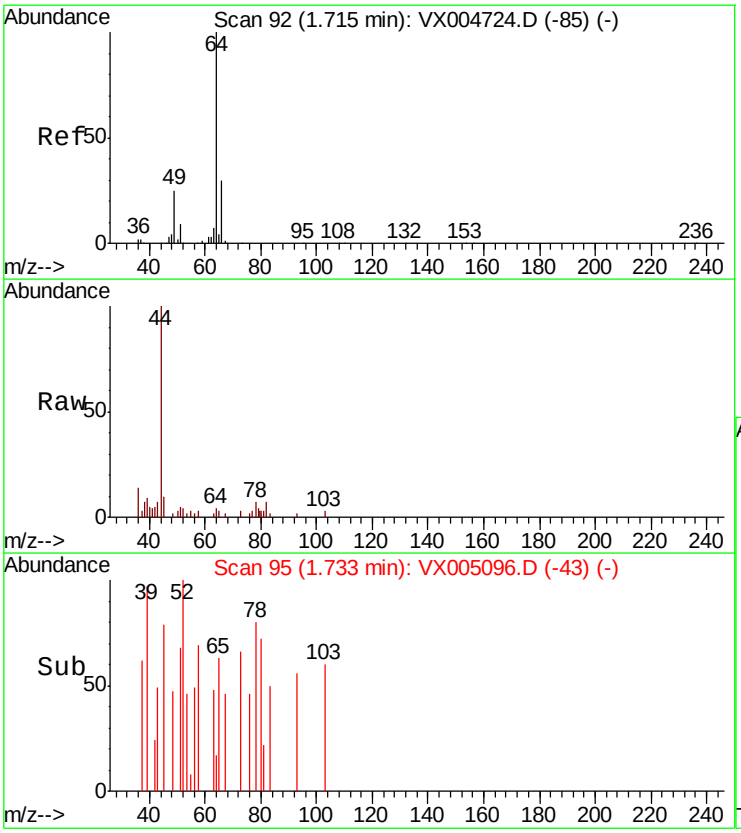
#5
Bromomethane
Concen: 0.540 ug/l
RT: 1.65 min Scan# 81
Delta R.T. 0.01 min
Lab File: VX005096.D
Acq: 06 Oct 2018 05:32

Instrument :
MSVOA_X
ClientSampleId :
FA18-GMZ4-TB2

Tgt Ion: 94 Resp: 1099

Ion	Ratio	Lower	Upper
94	100		
96	50.4	79.5	119.3#

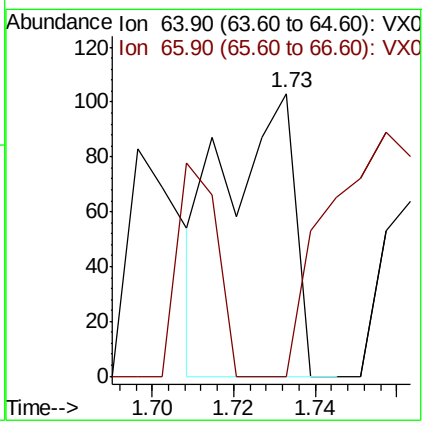


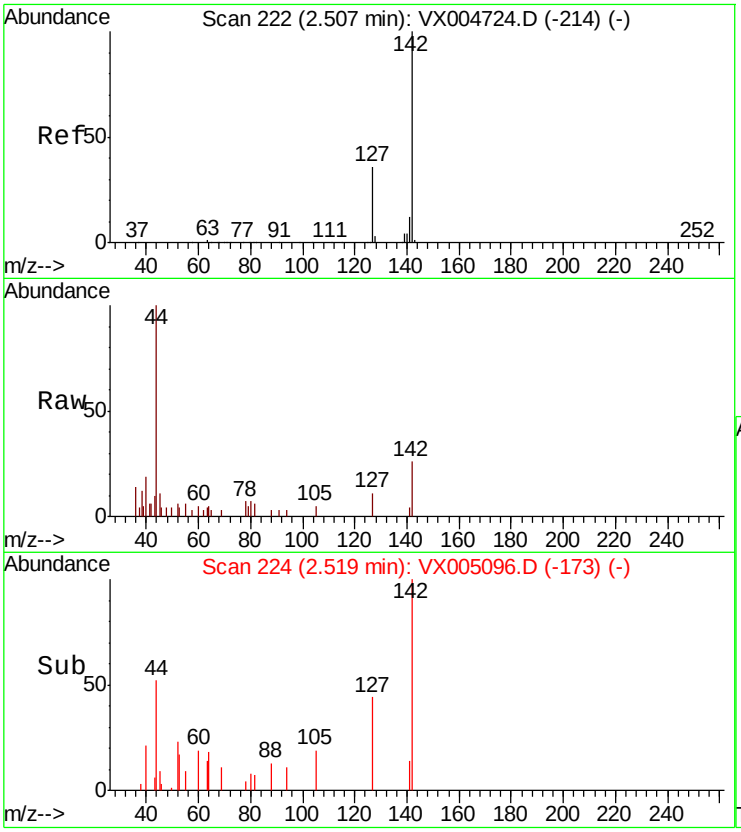


#6
Chloroethane
Concen: Below Cal
RT: 1.73 min Scan# 95
Delta R.T. 0.02 min
Lab File: VX005096.D
Acq: 06 Oct 2018 05:32

Tgt Ion: 64 Resp: 123

Ion	Ratio	Lower	Upper
64	100		
66	0.0	23.8	35.6#



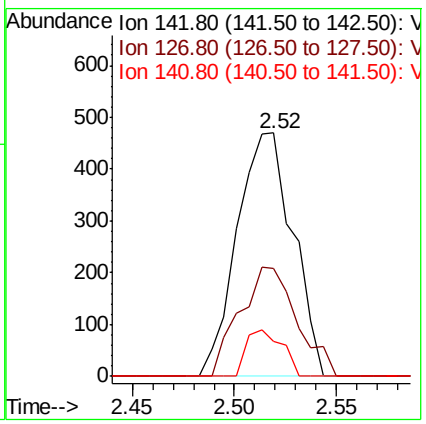


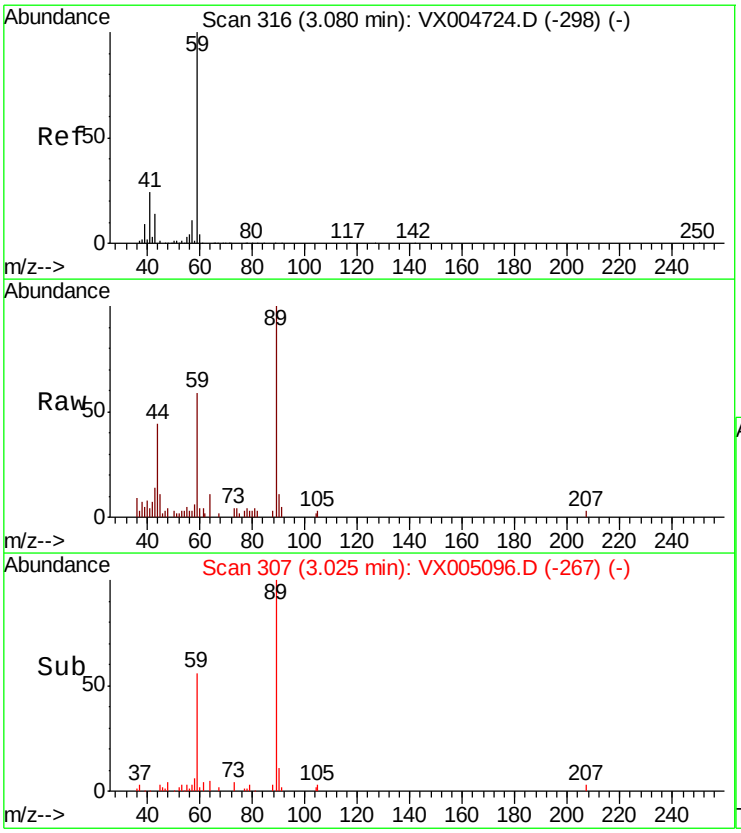
#10
Methyl Iodide
Concen: 0.276 ug/l
RT: 2.52 min Scan# 224
Delta R.T. 0.01 min
Lab File: VX005096.D
Acq: 06 Oct 2018 05:32

Instrument : MSVOA_X
ClientSampleId : FA18-GMZ4-TB2

Tgt Ion:142 Resp: 894

Ion	Ratio	Lower	Upper
142	100		
127	45.9	30.1	45.1#
141	12.2	10.1	15.1

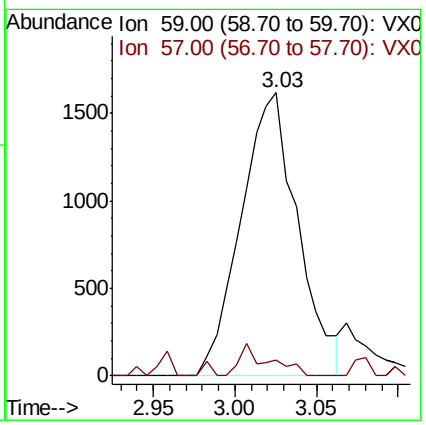


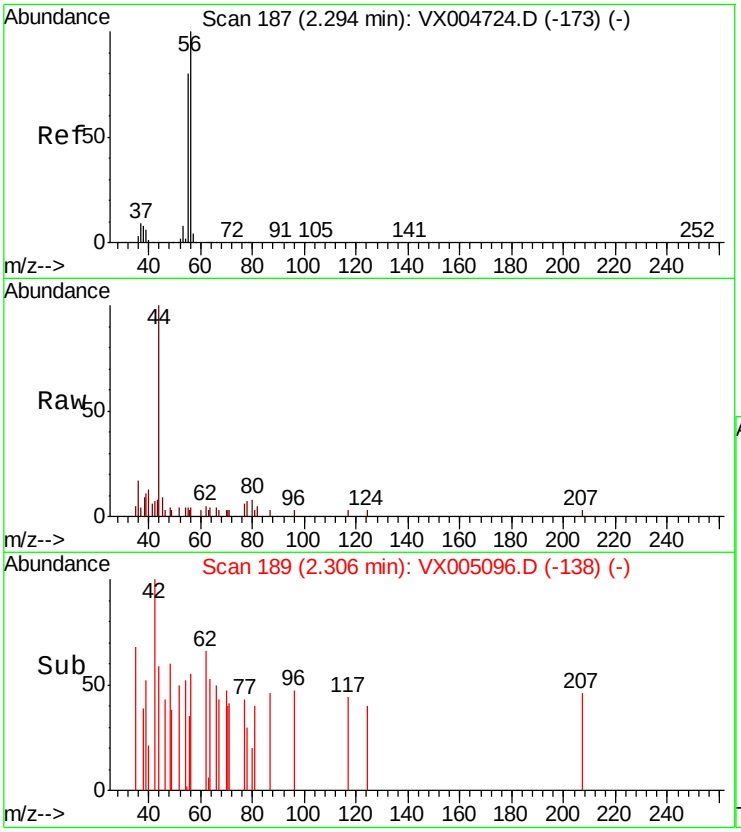


#11
Tert butyl alcohol
Concen: 4.418 ug/l
RT: 3.03 min Scan# 307
Delta R.T. -0.05 min
Lab File: VX005096.D
Acq: 06 Oct 2018 05:32

Tgt Ion: 59 Resp: 3906

Ion	Ratio	Lower	Upper
59	100		
57	5.6	8.6	12.8#



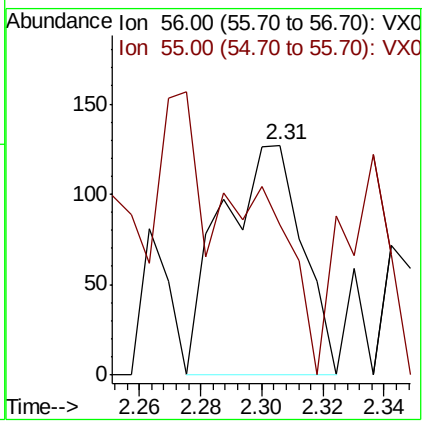


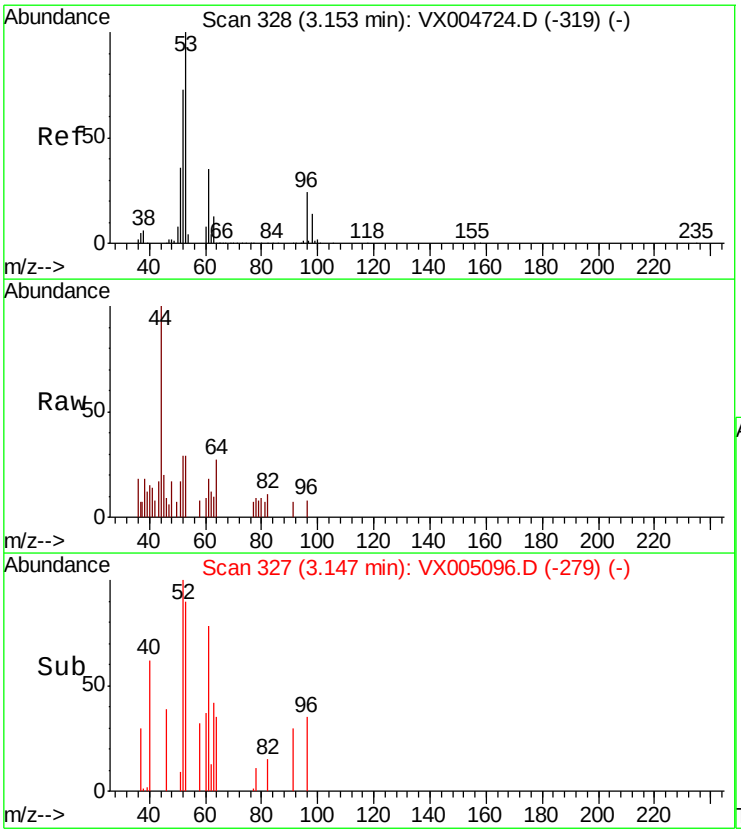
#13
Acrolein
Concen: 0.369 ug/l
RT: 2.31 min Scan# 189
Delta R.T. 0.01 min
Lab File: VX005096.D
Acq: 06 Oct 2018 05:32

Instrument : MSVOA_X
ClientSampleId : FA18-GMZ4-TB2

Tgt Ion: 56 Resp: 232

Ion	Ratio	Lower	Upper
56	100		
55	0.0	63.4	95.2#

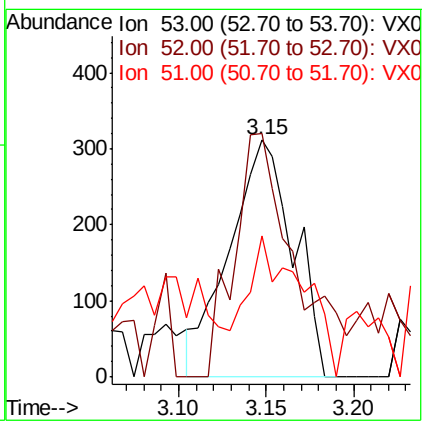


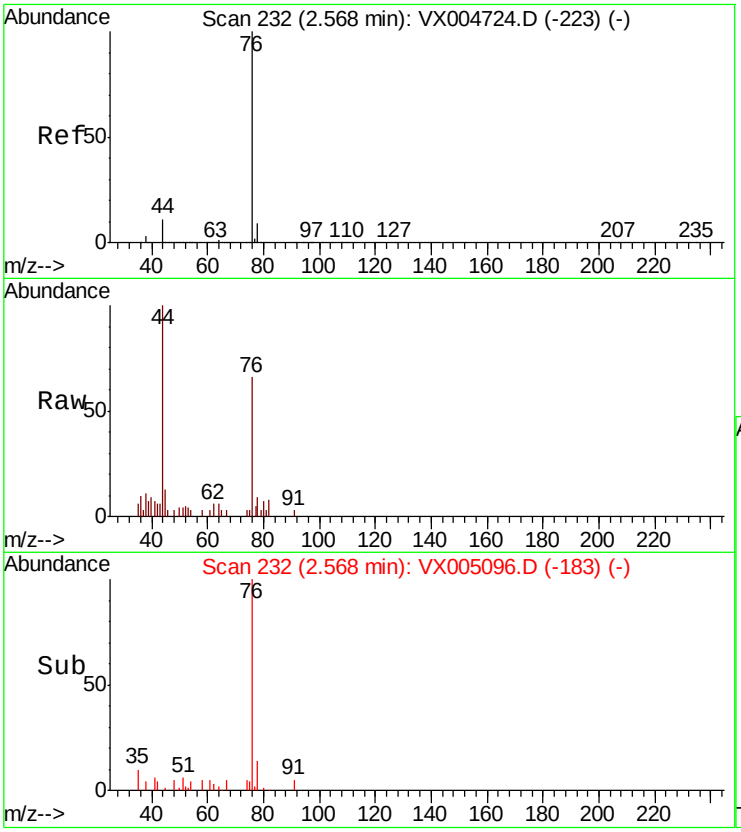


#15
Acrylonitrile
Concen: 0.409 ug/l
RT: 3.15 min Scan# 327
Delta R.T. -0.01 min
Lab File: VX005096.D
Acq: 06 Oct 2018 05:32

Tgt Ion: 53 Resp: 796

Ion	Ratio	Lower	Upper
53	100		
52	96.9	63.0	94.4#
51	51.4	28.6	42.8#



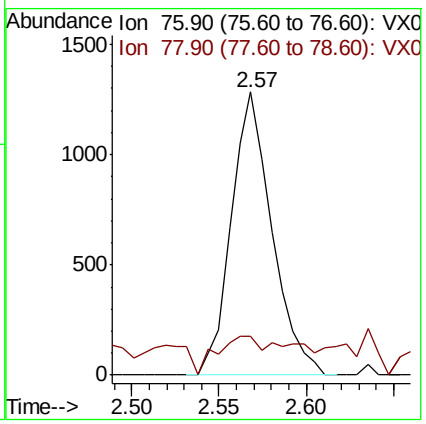


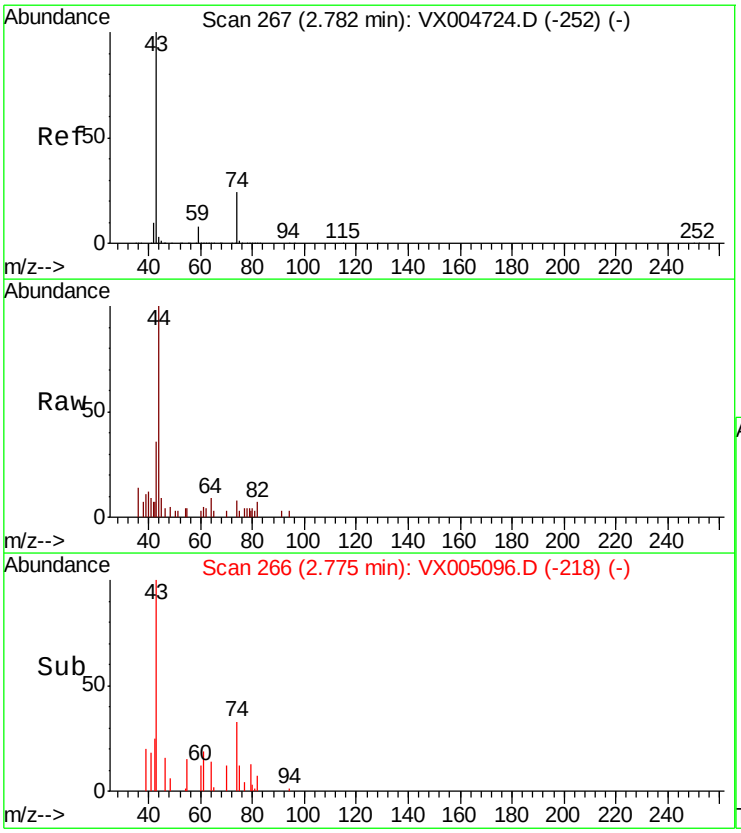
#17
Carbon Disulfide
Concen: 0.288 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX005096.D
Acq: 06 Oct 2018 05:32

Instrument : MSVOA_X
ClientSampleId : FA18-GMZ4-TB2

Tgt Ion: 76 Resp: 2078

Ion	Ratio	Lower	Upper
76	100		
78	3.7	7.0	10.6#

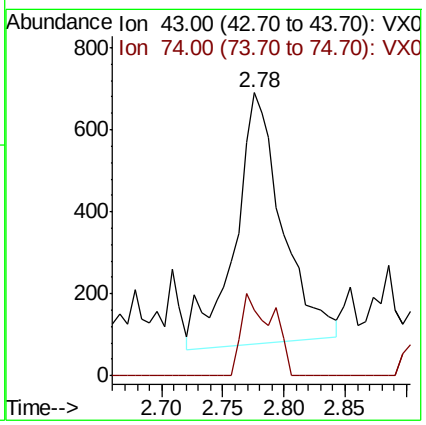


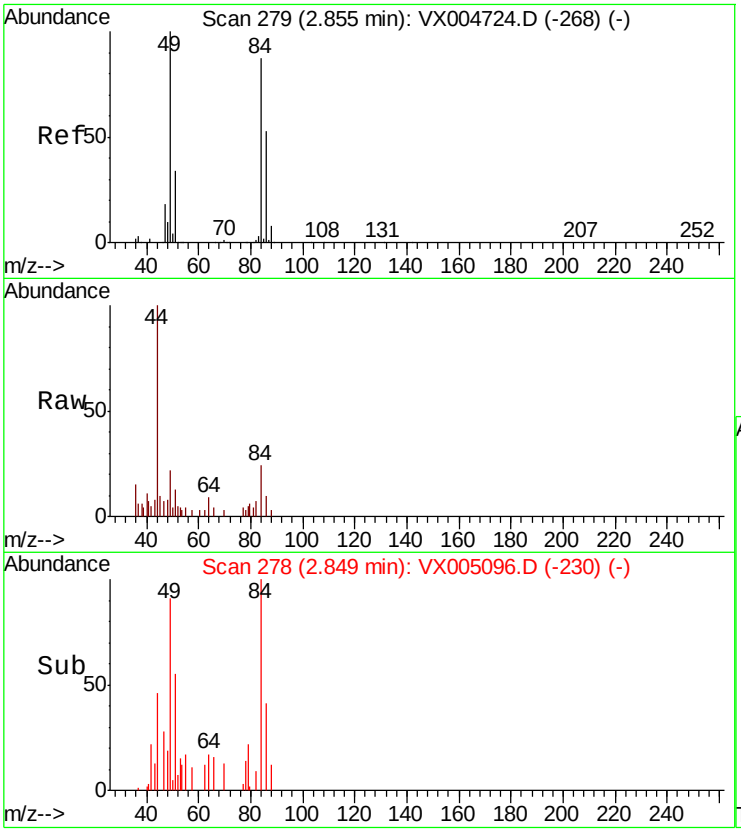


#18
Methyl Acetate
Concen: 0.355 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX005096.D
Acq: 06 Oct 2018 05:32

Tgt Ion: 43 Resp: 1662

Ion	Ratio	Lower	Upper
43	100		
74	21.2	17.8	26.8



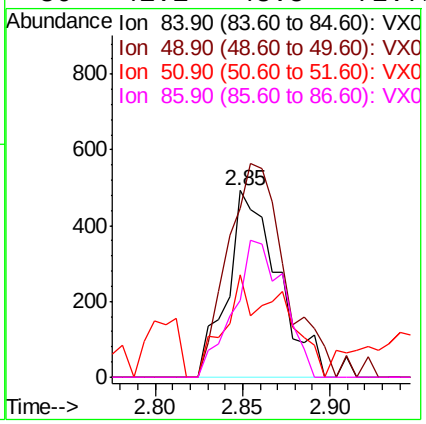


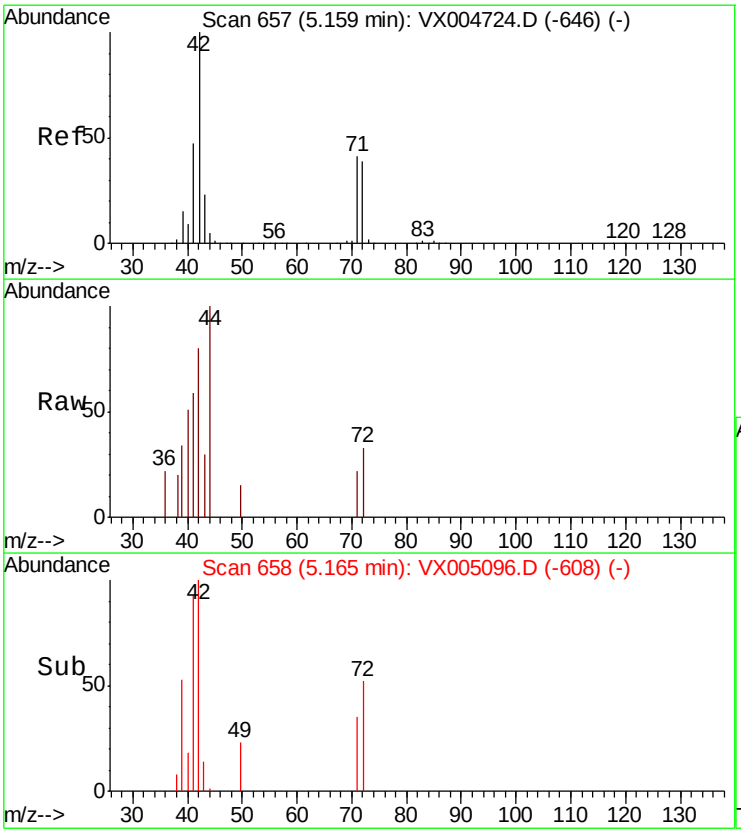
#20
Methylene Chloride
Concen: Below Cal
RT: 2.85 min Scan# 278
Delta R.T. -0.01 min
Lab File: VX005096.D
Acq: 06 Oct 2018 05:32

Instrument : MSVOA_X
ClientSampleId : FA18-GMZ4-TB2

Tgt Ion: 84 Resp: 992

Ion	Ratio	Lower	Upper
84	100		
49	90.9	92.3	138.5#
51	55.1	31.8	47.6#
86	41.1	48.5	72.7#

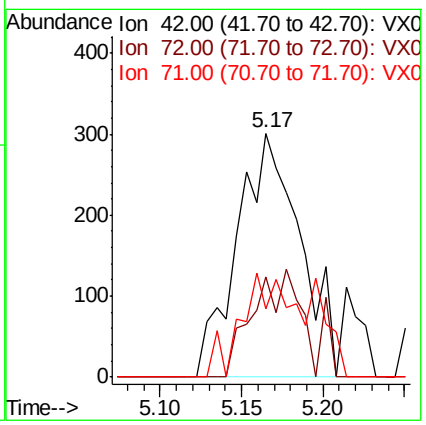


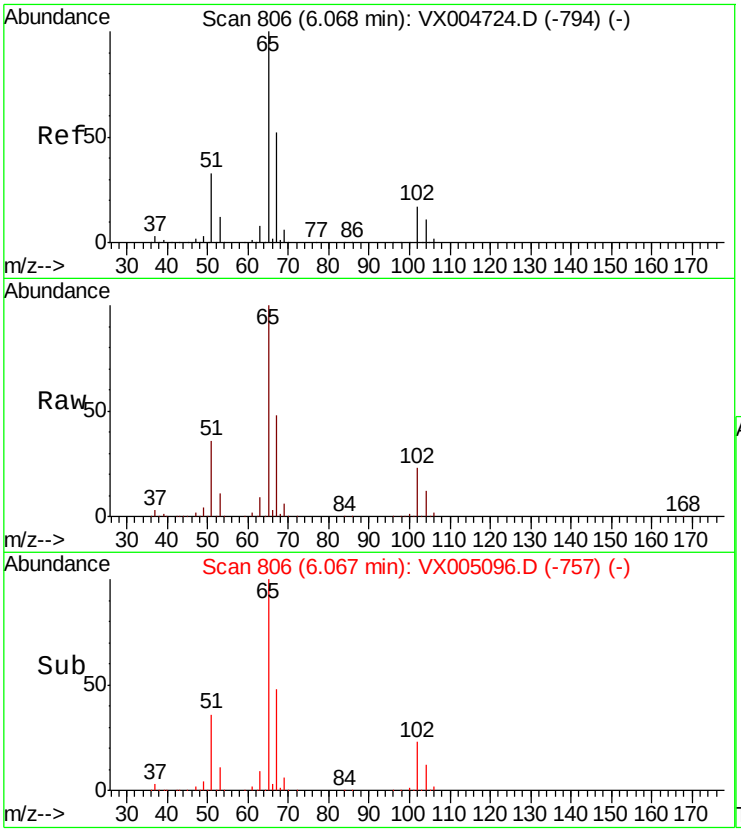


#29
Tetrahydrofuran
Concen: 0.478 ug/l
RT: 5.17 min Scan# 658
Delta R.T. 0.01 min
Lab File: VX005096.D
Acq: 06 Oct 2018 05:32

Tgt Ion: 42 Resp: 808

Ion	Ratio	Lower	Upper
42	100		
72	18.7	33.7	50.5#
71	34.9	32.2	48.4



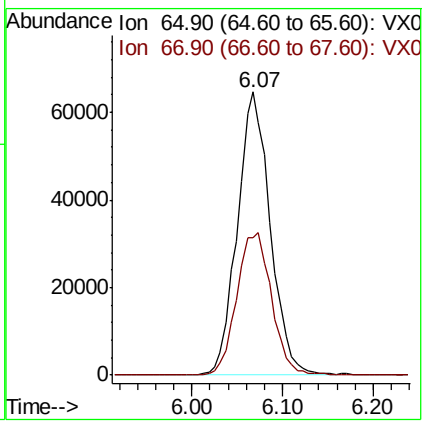


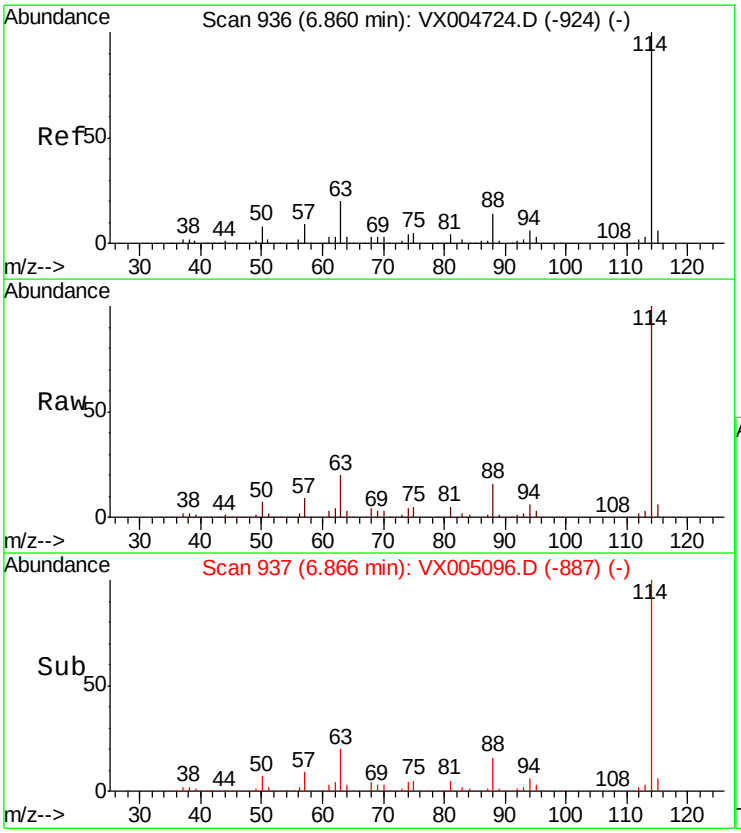
#33
1,2-Dichloroethane-d4
Concen: 51.446 ug/l
RT: 6.07 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX005096.D
Acq: 06 Oct 2018 05:32

Instrument :
MSVOA_X
ClientSampleId :
FA18-GMZ4-TB2

Tgt Ion: 65 Resp: 162666

Ion	Ratio	Lower	Upper
65	100		
67	53.5	0.0	107.4

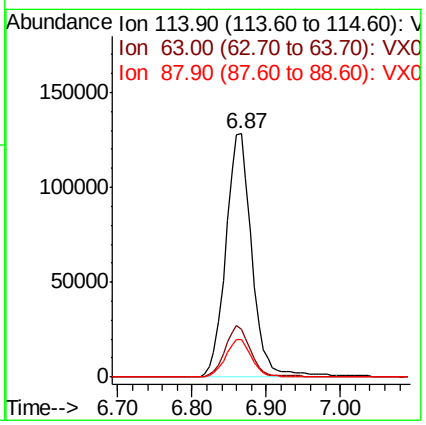


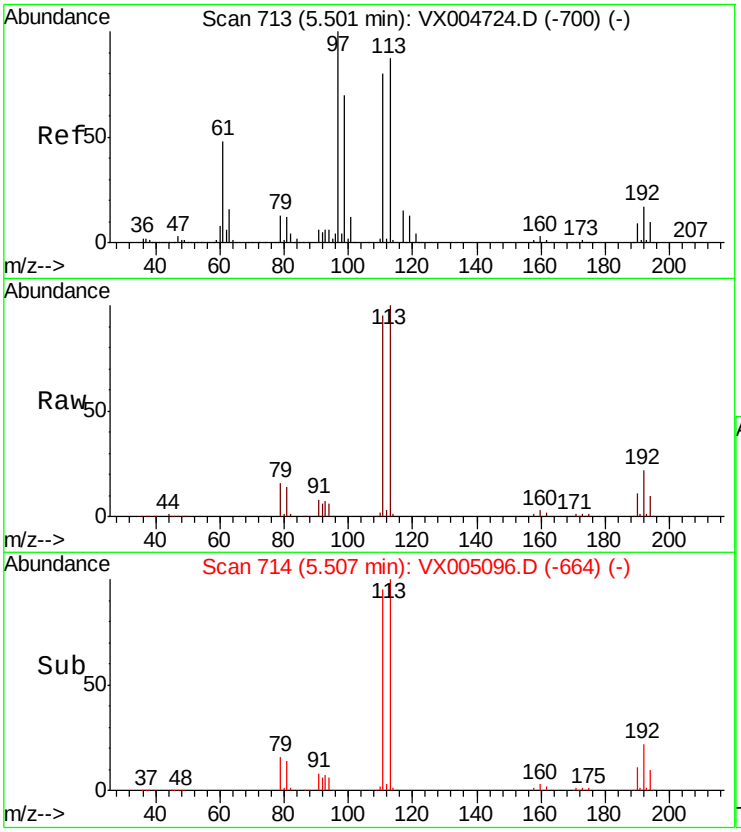


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.87 min Scan# 937
Delta R.T. 0.01 min
Lab File: VX005096.D
Acq: 06 Oct 2018 05:32

Tgt Ion:114 Resp: 314865

Ion	Ratio	Lower	Upper
114	100		
63	19.6	0.0	39.8
88	15.6	0.0	27.0



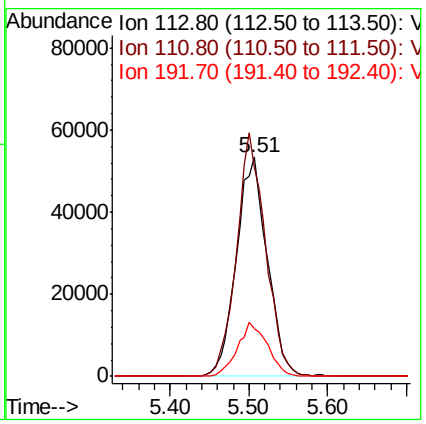


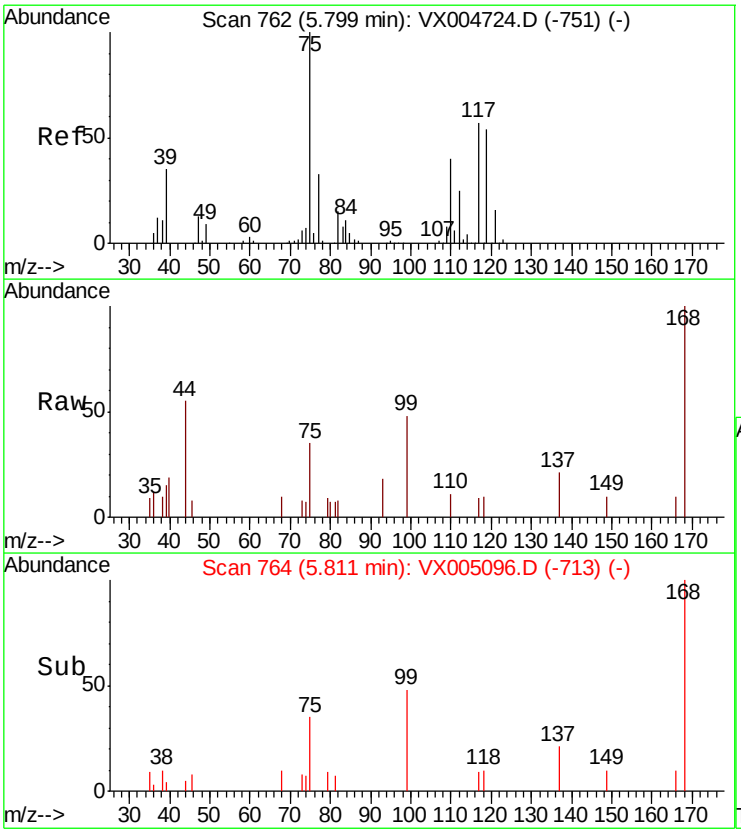
#35
Dibromofluoromethane
Concen: 54.480 ug/l
RT: 5.51 min Scan# 714
Delta R.T. 0.01 min
Lab File: VX005096.D
Acq: 06 Oct 2018 05:32

Instrument :
MSVOA_X
ClientSampleId :
FA18-GMZ4-TB2

Tgt Ion:113 Resp: 145381

Ion	Ratio	Lower	Upper
113	100		
111	104.7	77.0	115.4
192	23.8	17.0	25.6

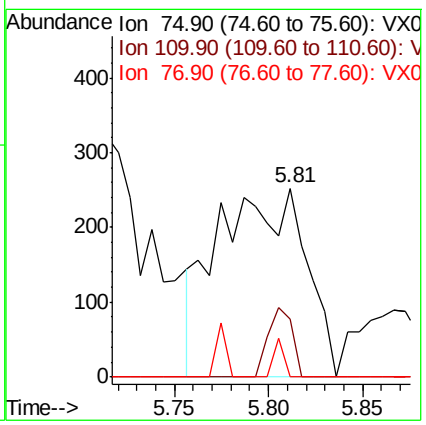


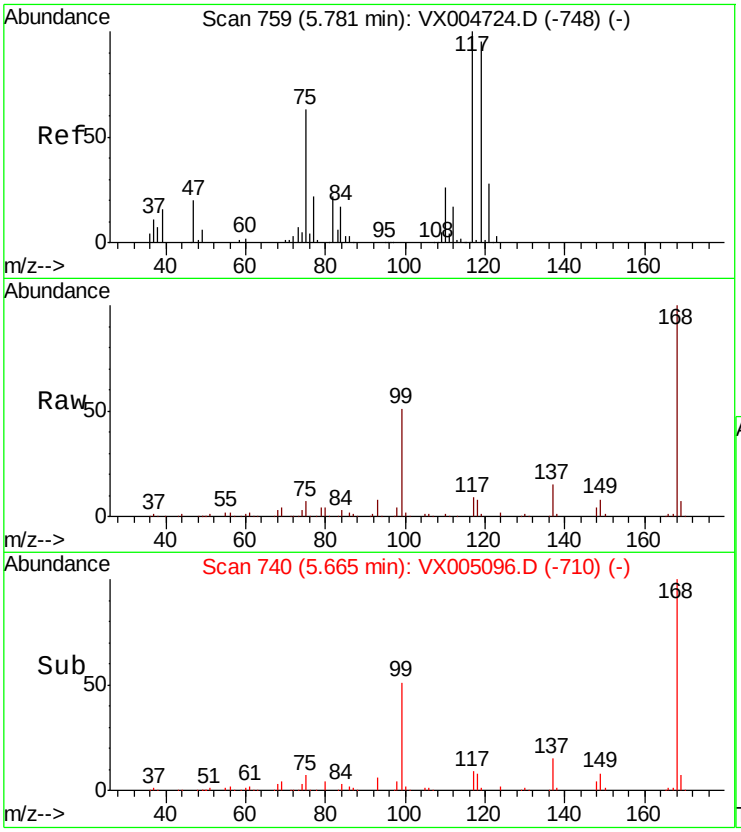


#36
1,1-Dichloropropene
Concen: 0.222 ug/l
RT: 5.81 min Scan# 764
Delta R.T. 0.01 min
Lab File: VX005096.D
Acq: 06 Oct 2018 05:32

Tgt Ion: 75 Resp: 810

Ion	Ratio	Lower	Upper
75	100		
110	10.1	20.0	59.9#
77	2.3	27.1	40.7#



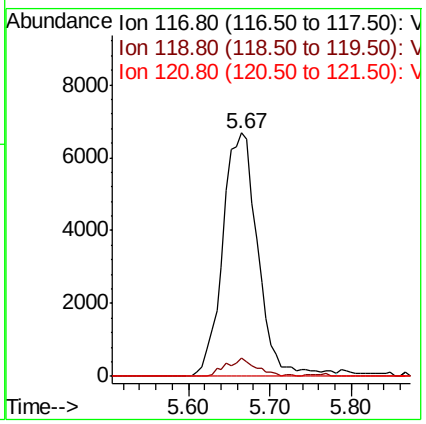


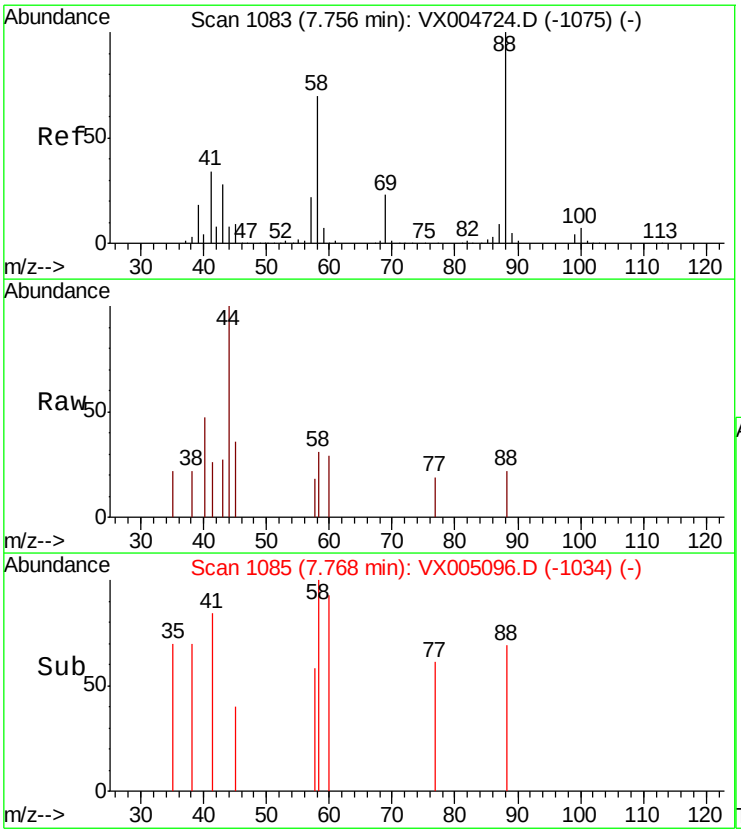
#38
Carbon Tetrachloride
Concen: 5.182 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.12 min
Lab File: VX005096.D
Acq: 06 Oct 2018 05:32

Instrument :
MSVOA_X
ClientSampleId :
FA18-GMZ4-TB2

Tgt Ion:117 Resp: 19831

Ion	Ratio	Lower	Upper
117	100		
119	7.8	75.2	112.8#
121	0.0	22.5	33.7#

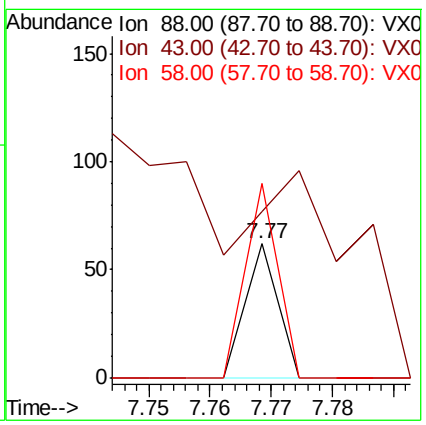


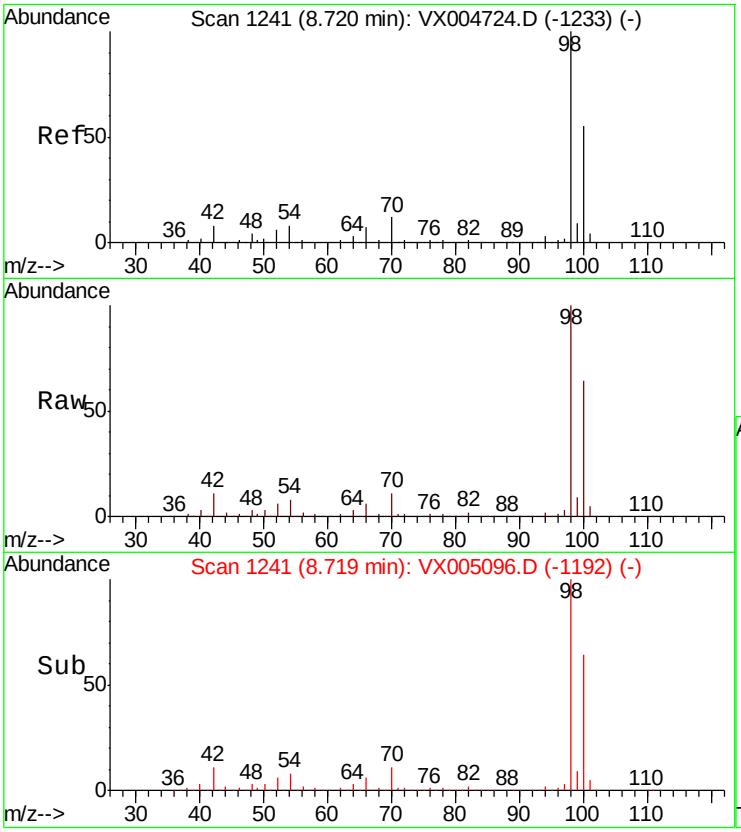


#49
1,4-Dioxane
Concen: 0.292 ug/l
RT: 7.77 min Scan# 1085
Delta R.T. 0.01 min
Lab File: VX005096.D
Acq: 06 Oct 2018 05:32

Tgt Ion: 88 Resp: 23

Ion	Ratio	Lower	Upper
88	100		
43	0.0	25.1	37.7#
58	143.5	56.2	84.2#



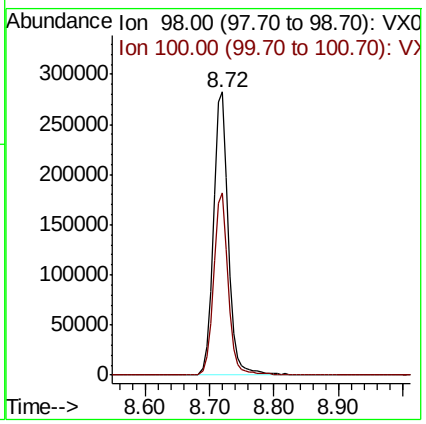


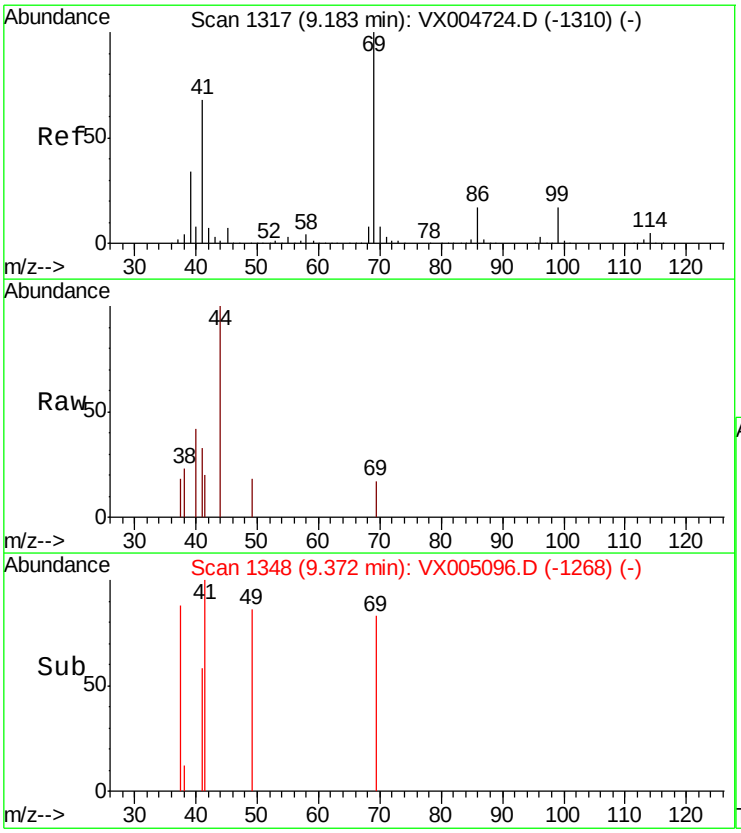
#50
Toluene-d8
Concen: 51.856 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VX005096.D
Acq: 06 Oct 2018 05:32

Instrument : MSVOA_X
ClientSampleId : FA18-GMZ4-TB2

Tgt Ion: 98 Resp: 460041

Ion	Ratio	Lower	Upper
98	100		
100	63.3	51.9	77.9

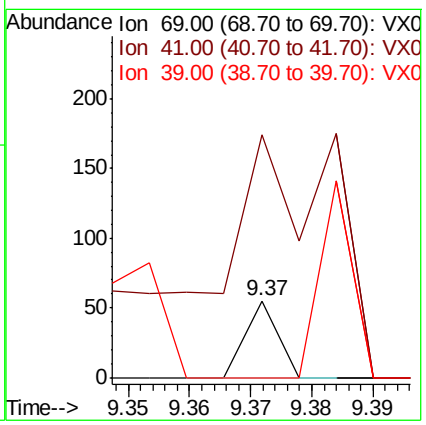


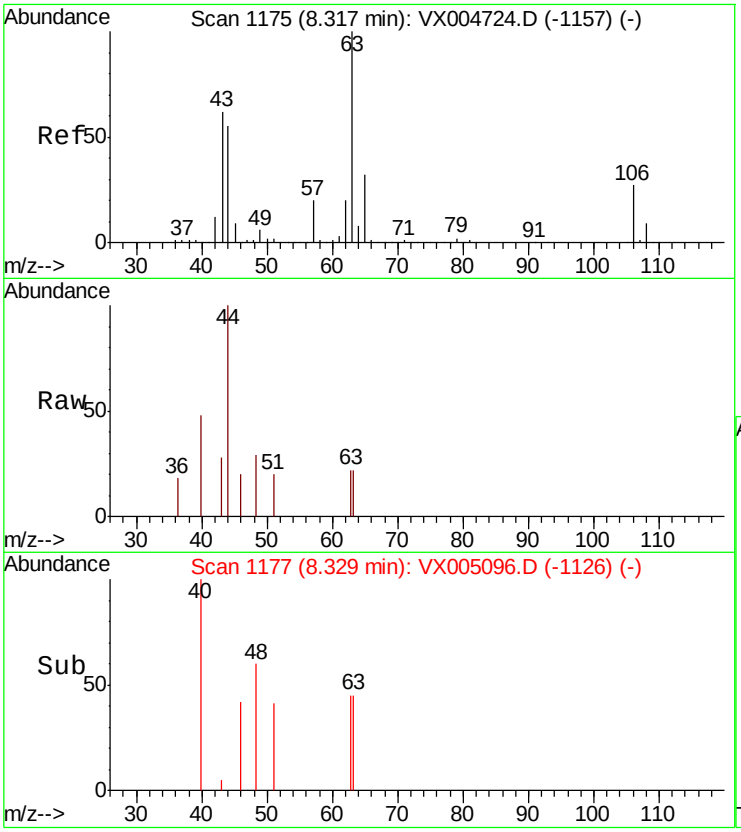


#56
Ethyl methacrylate
Concen: 2.866 ug/l
RT: 9.37 min Scan# 1348
Delta R.T. 0.19 min
Lab File: VX005096.D
Acq: 06 Oct 2018 05:32

Tgt Ion: 69 Resp: 20

Ion	Ratio	Lower	Upper
69	100		
41	1040.0	56.9	85.3#
39	260.0	28.4	42.6#



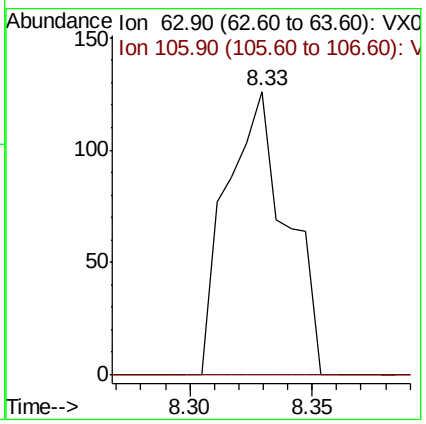


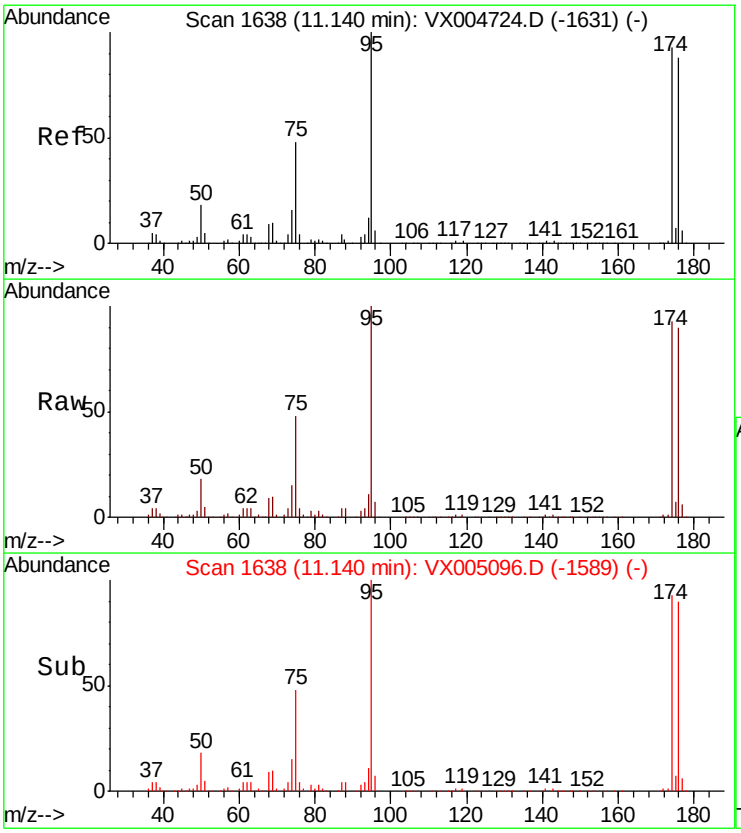
#58
2-Chloroethyl Vinyl ether
Concen: 14.329 ug/l
RT: 8.33 min Scan# 1177
Delta R.T. 0.01 min
Lab File: VX005096.D
Acq: 06 Oct 2018 05:32

Instrument : MSVOA_X
ClientSampleId : FA18-GMZ4-TB2

Tgt Ion: 63 Resp: 217

Ion	Ratio	Lower	Upper
63	100		
106	0.0	21.0	31.6#

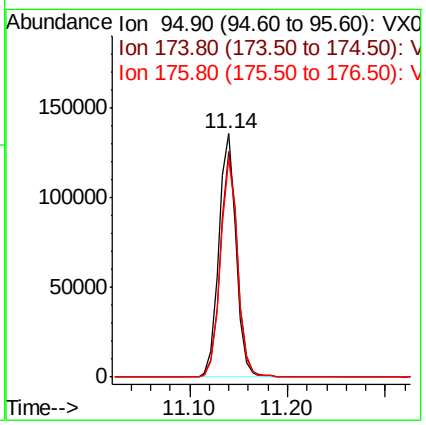


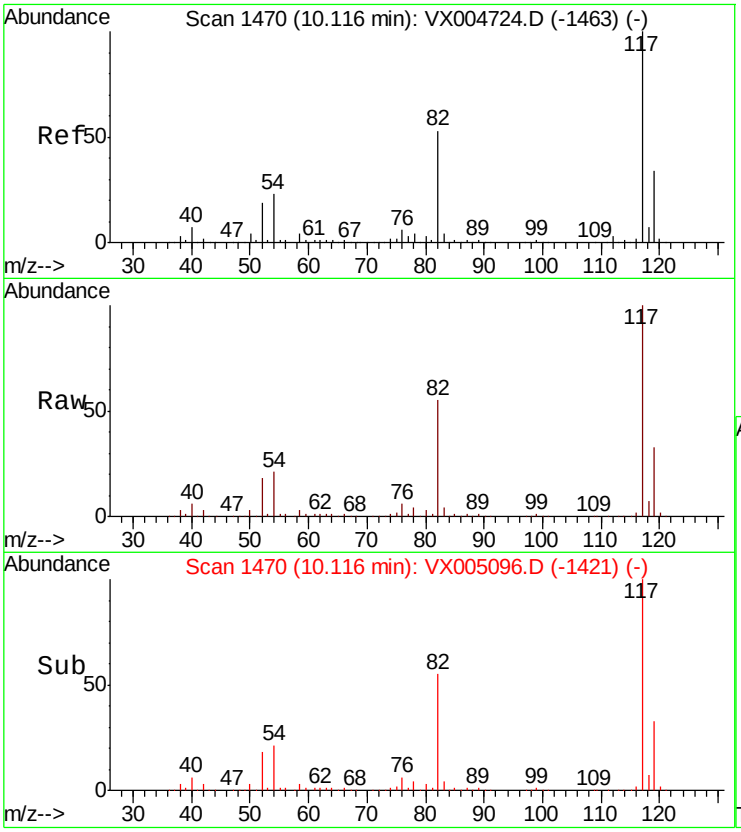


#62
4-Bromofluorobenzene
Concen: 52.085 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX005096.D
Acq: 06 Oct 2018 05:32

Tgt Ion: 95 Resp: 166463

Ion	Ratio	Lower	Upper
95	100		
174	91.8	0.0	185.0
176	88.6	0.0	180.2



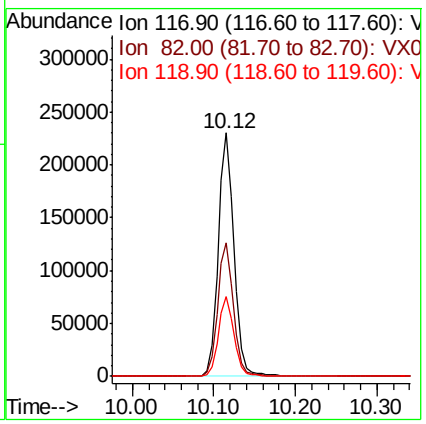


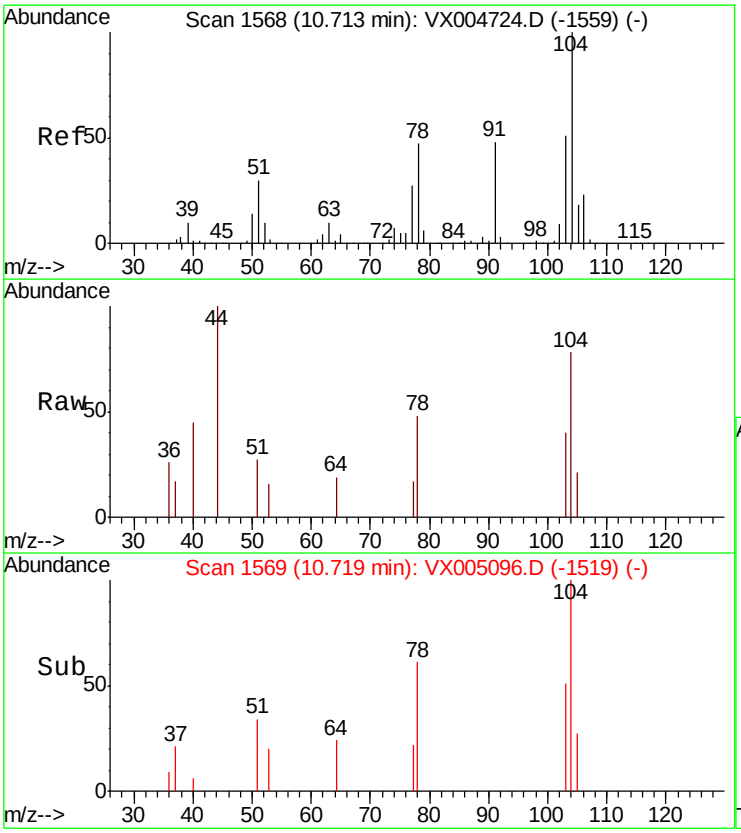
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005096.D
Acq: 06 Oct 2018 05:32

Instrument : MSVOA_X
ClientSampleId : FA18-GMZ4-TB2

Tgt Ion:117 Resp: 310461

Ion	Ratio	Lower	Upper
117	100		
82	54.6	42.2	63.4
119	32.9	27.4	41.0

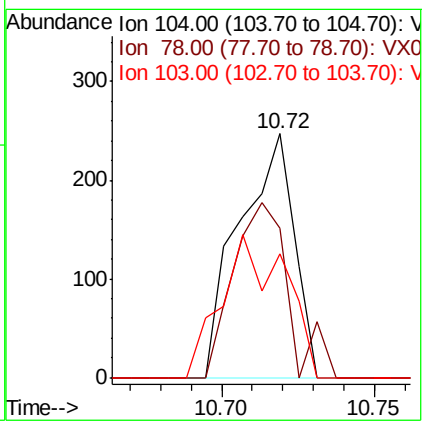


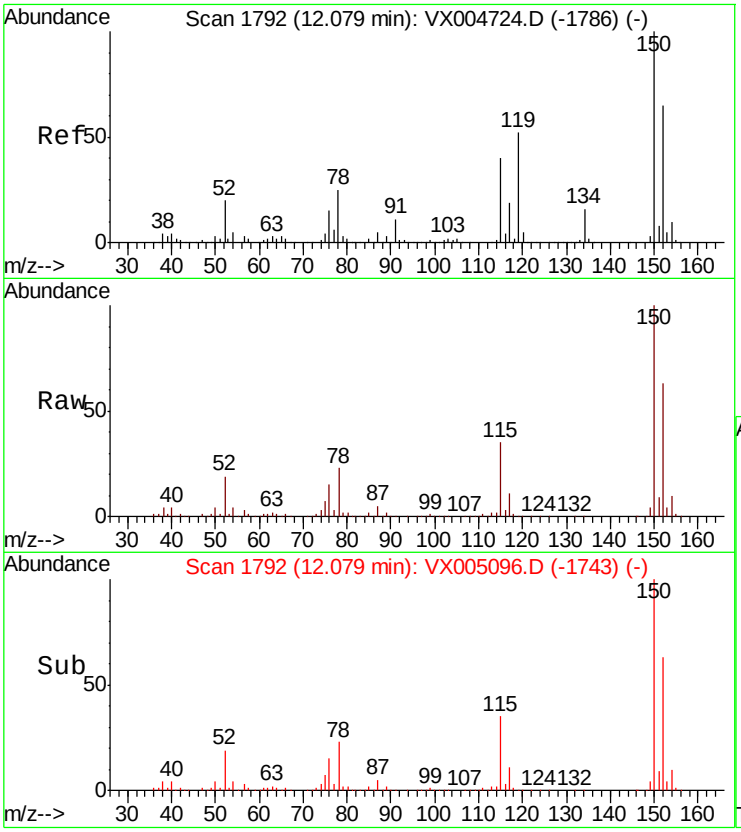


#70
Styrene
Concen: 2.175 ug/l
RT: 10.72 min Scan# 1569
Delta R.T. 0.01 min
Lab File: VX005096.D
Acq: 06 Oct 2018 05:32

Tgt Ion:104 Resp: 308

Ion	Ratio	Lower	Upper
104	100		
78	71.4	40.0	60.0#
103	67.5	44.3	66.5#



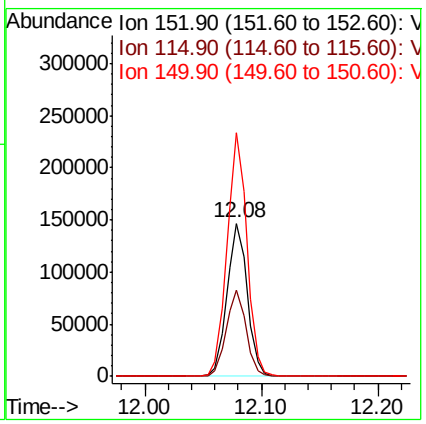


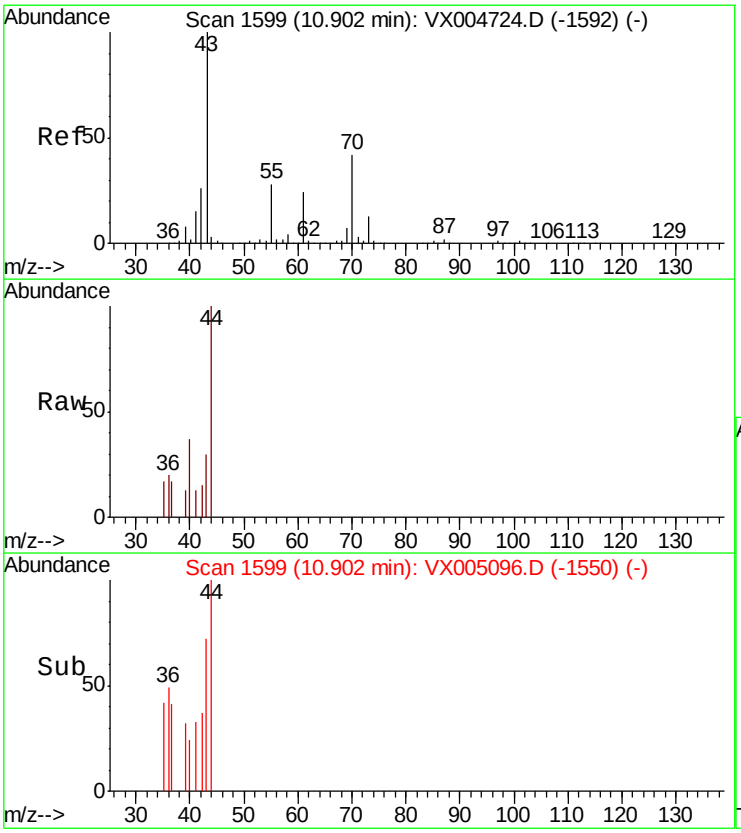
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX005096.D
Acq: 06 Oct 2018 05:32

Instrument : MSVOA_X
ClientSampleId : FA18-GMZ4-TB2

Tgt Ion:152 Resp: 176931

Ion	Ratio	Lower	Upper
152	100		
115	55.2	40.2	120.6
150	156.3	0.0	351.0

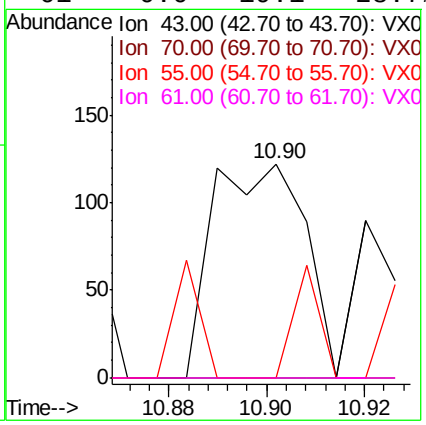


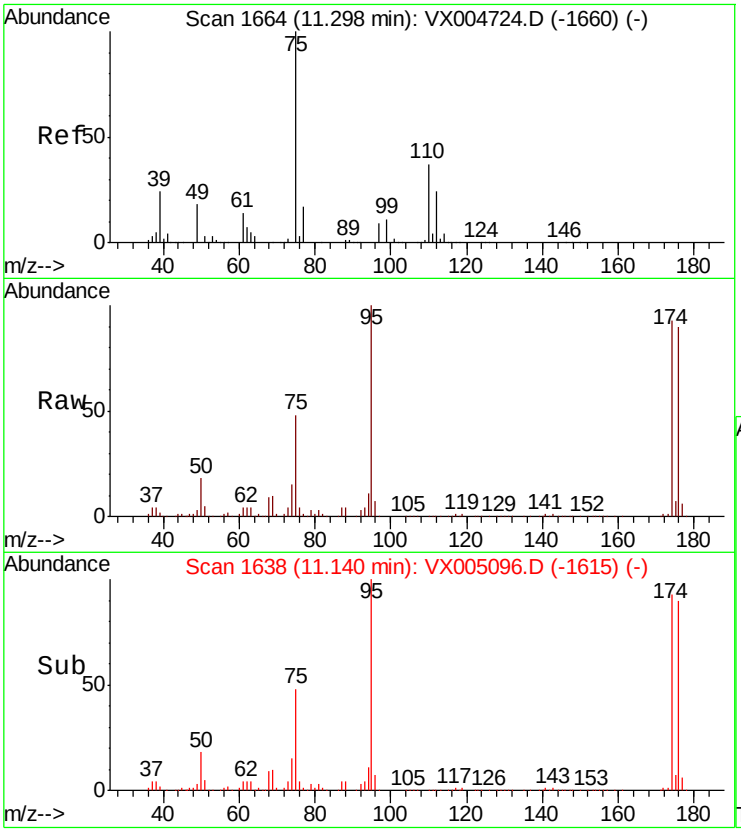


#74
N-amyl acetate
Concen: 1.773 ug/l
RT: 10.90 min Scan# 1599
Delta R.T. -0.00 min
Lab File: VX005096.D
Acq: 06 Oct 2018 05:32

Tgt Ion: 43 Resp: 159

Ion	Ratio	Lower	Upper
43	100		
70	0.0	32.6	48.8#
55	14.5	21.6	32.4#
61	0.0	19.1	28.7#



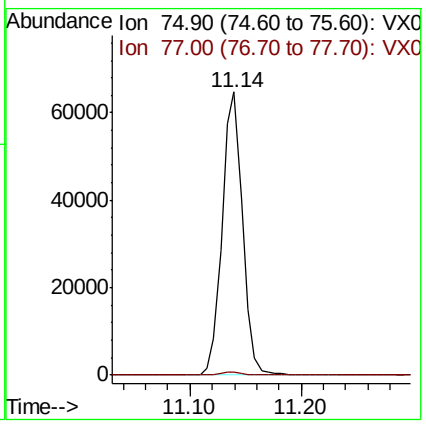


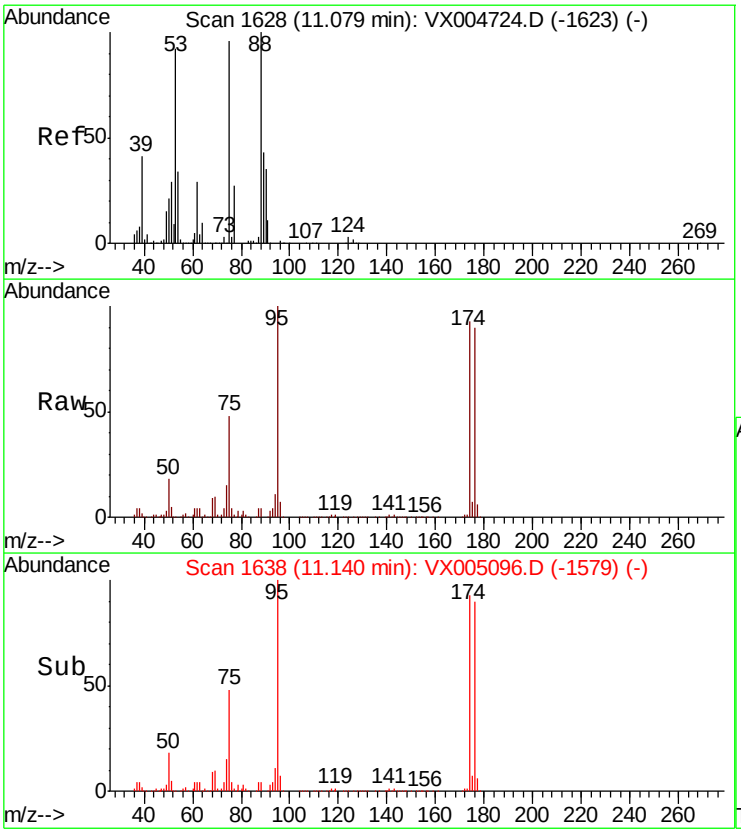
#76
1,2,3-Trichloropropane
Concen: 20.616 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.16 min
Lab File: VX005096.D
Acq: 06 Oct 2018 05:32

Instrument :
MSVOA_X
ClientSampleId :
FA18-GMZ4-TB2

Tgt Ion: 75 Resp: 81758

Ion	Ratio	Lower	Upper
75	100		
77	1.3	21.4	64.3#

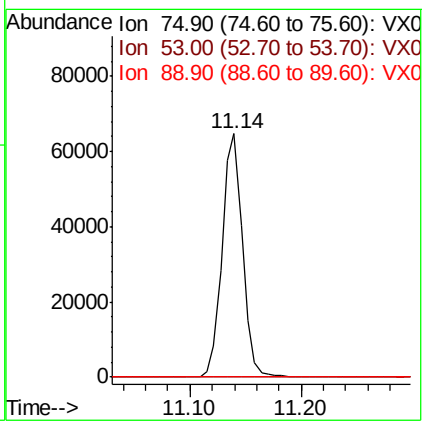


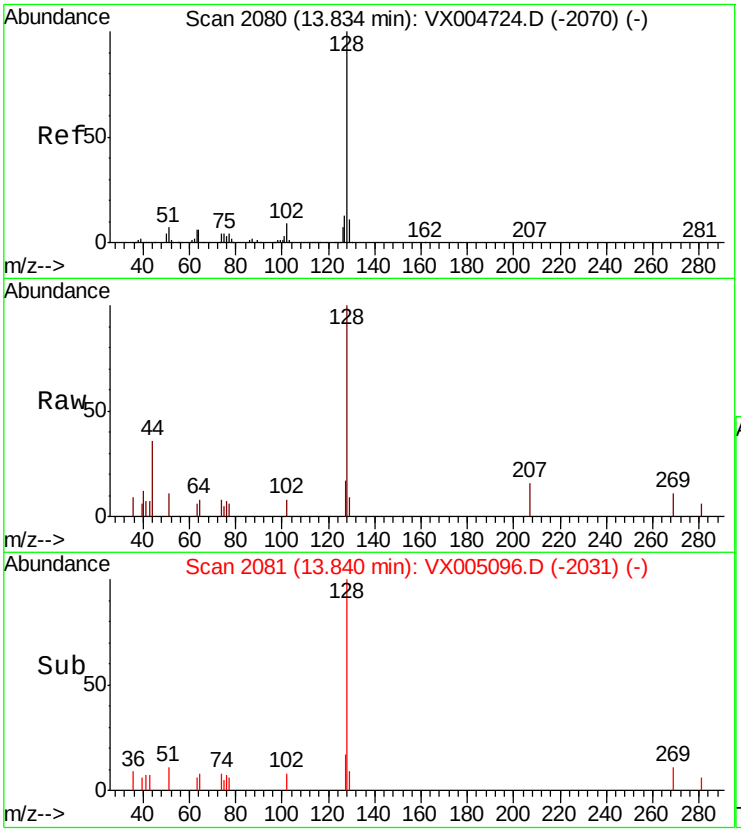


#81
trans-1,4-Dichloro-2-butene
Concen: 55.981 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.06 min
Lab File: VX005096.D
Acq: 06 Oct 2018 05:32

Tgt Ion: 75 Resp: 81758

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





#95
Naphthalene
Concen: 0.814 ug/l
RT: 13.84 min Scan# 2081
Delta R.T. 0.01 min
Lab File: VX005096.D
Acq: 06 Oct 2018 05:32

Instrument :
MSVOA_X
ClientSampleId :
FA18-GMZ4-TB2

Tgt Ion:128 Resp: 1407

Ion	Ratio	Lower	Upper
128	100		
127	12.1	10.4	15.6
129	10.3	8.7	13.1