Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100918\
Data File : VX005183.D
Acq On : 10 Oct 2018 02:58
Operator : JC/MD
Sample : VX1009WBL02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : VX1009WBL02

Quant Time: Oct 10 06:00:24 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	175509	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	274220	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	273264	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	152926	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	138047	55.06	ug/l	0.00
Spiked Amount 50.000			Recovery = 110.12%			
35) Dibromofluoromethane	5.50	113	118038	50.79	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.58%			
50) Toluene-d8	8.72	98	401578	51.98	ug/l	0.00
Spiked Amount 50.000			Recovery = 103.96%			
62) 4-Bromofluorobenzene	11.14	95	142313	51.13	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.26%			
Target Compounds						Qvalue
3) Chloromethane	1.33	50	592	0.204	ug/l #	88
5) Bromomethane	1.64	94	413	0.256	ug/l	96
6) Chloroethane	1.73	64	175	Below Cal	#	45
10) Methyl Iodide	2.51	142	572	0.223	ug/l #	88
11) Tert butyl alcohol	3.02	59	1836	2.619	ug/l #	78
13) Acrolein	2.31	56	215	0.431	ug/l	87
15) Acrylonitrile	3.15	53	591	0.383	ug/l #	83
16) Acetone	2.44	43	585	0.400	ug/l	91
17) Carbon Disulfide	2.57	76	1866	0.327	ug/l	96
18) Methyl Acetate	2.78	43	1003	0.270	ug/l #	85
20) Methylene Chloride	2.86	84	464	Below Cal	#	81
21) trans-1,2-Dichloroethene	3.16	96	567	0.272	ug/l #	79
29) Tetrahydrofuran	5.18	42	375	0.280	ug/l #	53
36) 1,1-Dichloropropene	5.67	75	11931	3.763	ug/l #	43
38) Carbon Tetrachloride	5.67	117	16130	4.839	ug/l #	18
44) Trichloroethene	7.21	130	665	0.273	ug/l	83
56) Ethyl methacrylate	9.19	69	40	2.872	ug/l #	1
58) 2-Chloroethyl Vinyl ether	8.31	63	26	14.254	ug/l #	49
70) Styrene	10.72	104	233	2.170	ug/l #	82
74) N-amyl acetate	10.90	43	119	1.770	ug/l #	43
76) 1,2,3-Trichloropropane	11.14	75	70894	20.683	ug/l #	35
80) 1,3,5-Trimethylbenzene	11.51	105	422	Below Cal		95
81) trans-1,4-Dichloro-2-buten	11.14	75	70894	56.156	ug/l #	10
84) 1,2,4-Trimethylbenzene	11.81	105	453	Below Cal		94
95) Naphthalene	13.83	128	878	0.788	ug/l	97

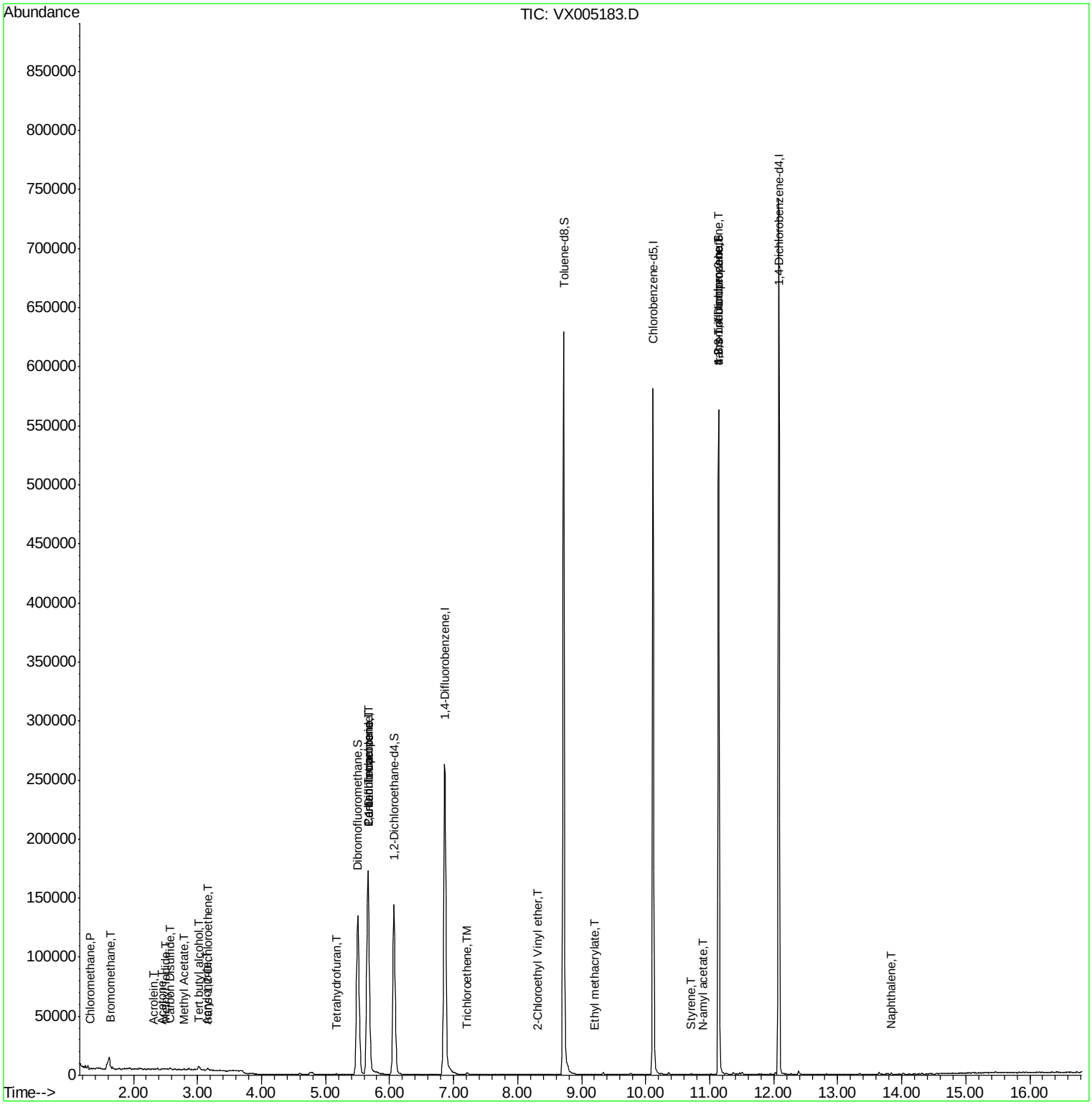
(#) = qualifier out of range (m) = manual integration (+) = signals summed

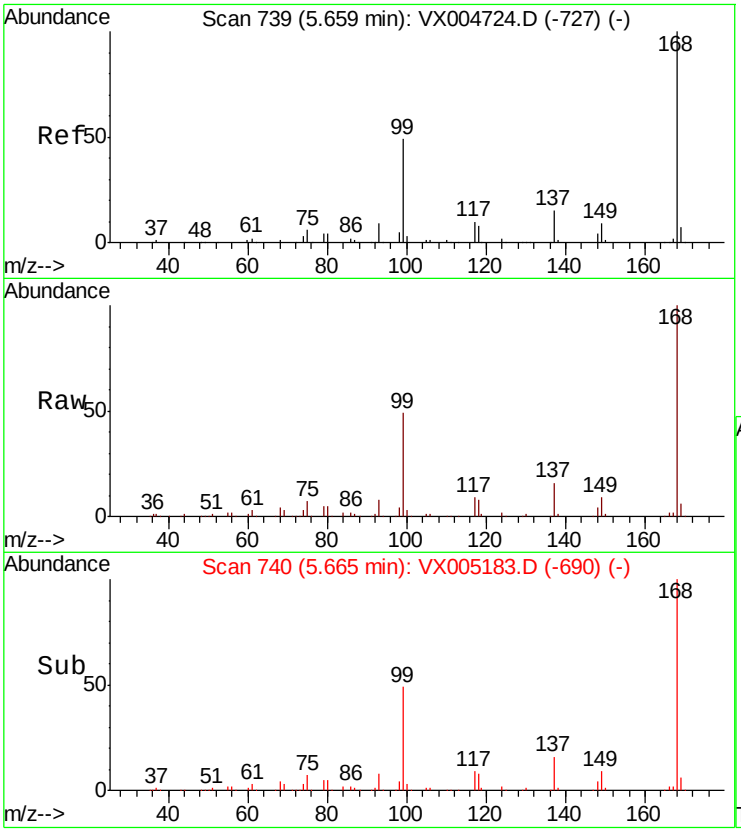
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100918\
Data File : VX005183.D
Acq On : 10 Oct 2018 02:58
Operator : JC/MD
Sample : VX1009WBL02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1009WBL02

Quant Time: Oct 10 06:00:24 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



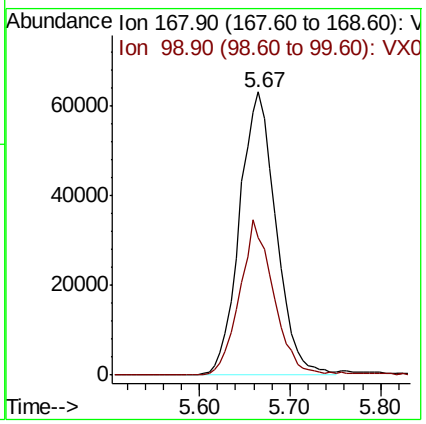


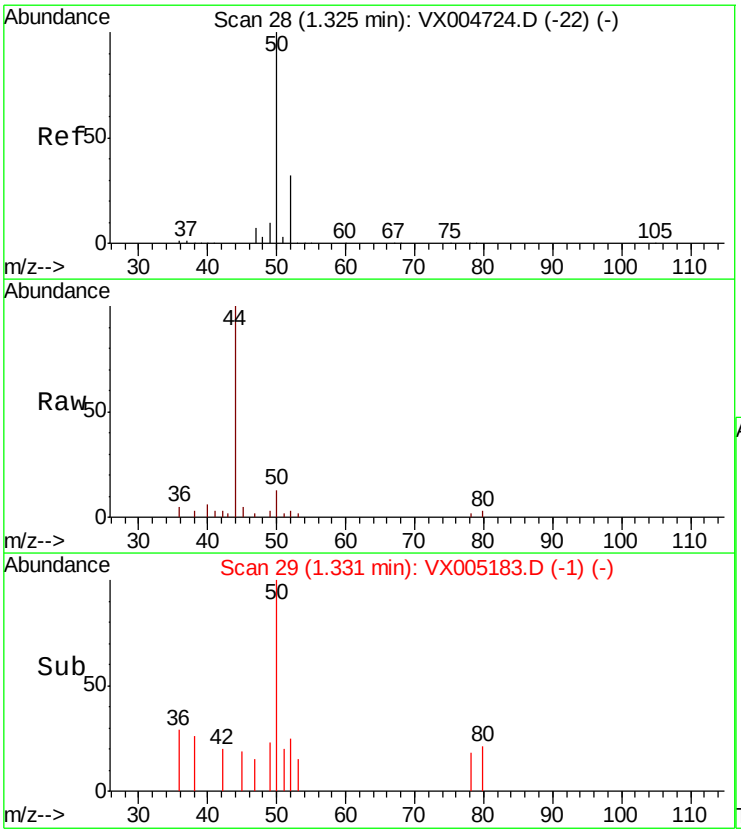
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.01 min
Lab File: VX005183.D
Acq: 10 Oct 2018 02:58

Instrument :
MSVOA_X
ClientSampleId :
VX1009WBL02

Tgt Ion:168 Resp: 175509

Ion	Ratio	Lower	Upper
168	100		
99	48.8	39.3	58.9

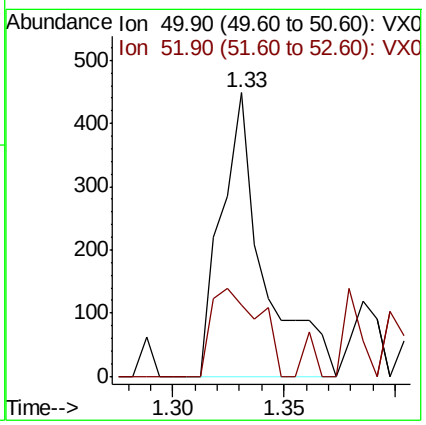


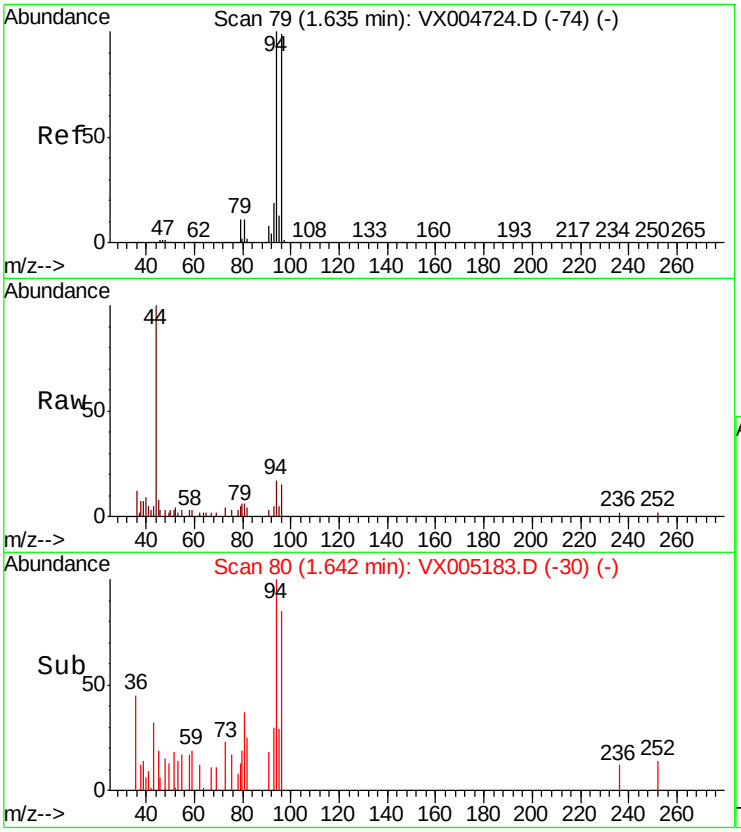


#3
Chloromethane
Concen: 0.204 ug/l
RT: 1.33 min Scan# 29
Delta R.T. 0.01 min
Lab File: VX005183.D
Acq: 10 Oct 2018 02:58

Tgt Ion: 50 Resp: 592

Ion	Ratio	Lower	Upper
50	100		
52	25.2	25.8	38.6#



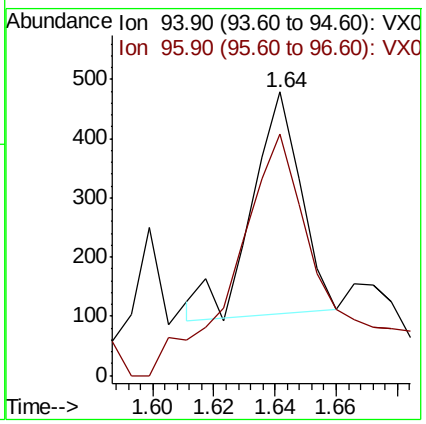


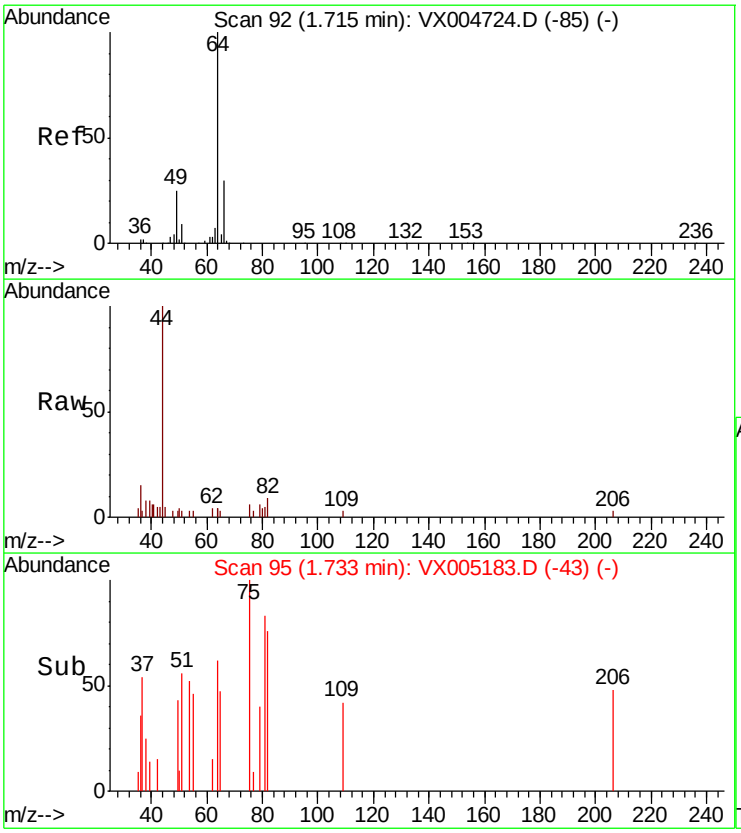
#5
Bromomethane
Concen: 0.256 ug/l
RT: 1.64 min Scan# 80
Delta R.T. 0.01 min
Lab File: VX005183.D
Acq: 10 Oct 2018 02:58

Instrument :
MSVOA_X
ClientSampleId :
VX1009WBL02

Tgt Ion: 94 Resp: 413

Ion	Ratio	Lower	Upper
94	100		
96	95.1	79.5	119.3

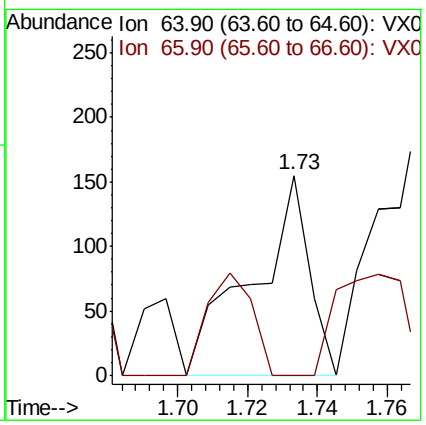


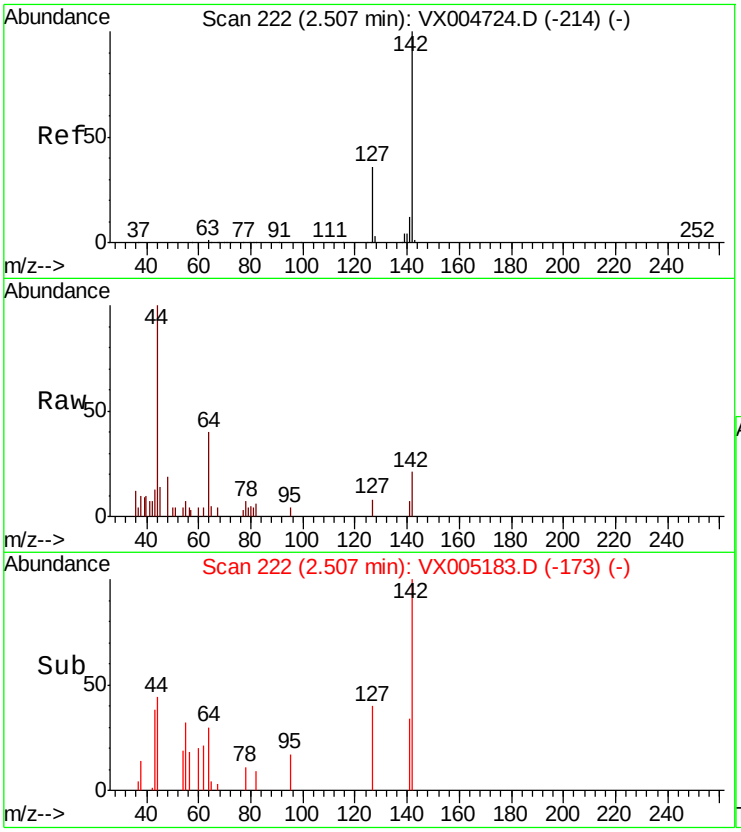


#6
Chloroethane
Concen: Below Cal
RT: 1.73 min Scan# 95
Delta R.T. 0.02 min
Lab File: VX005183.D
Acq: 10 Oct 2018 02:58

Tgt Ion: 64 Resp: 175

Ion	Ratio	Lower	Upper
64	100		
66	0.0	23.8	35.6#



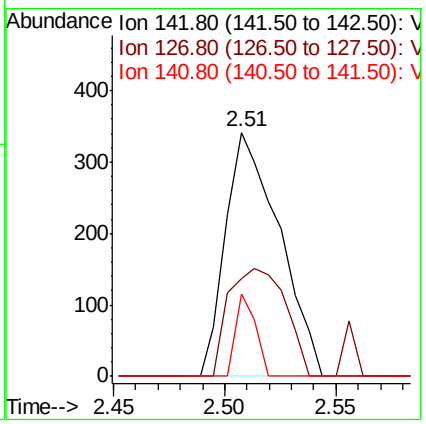


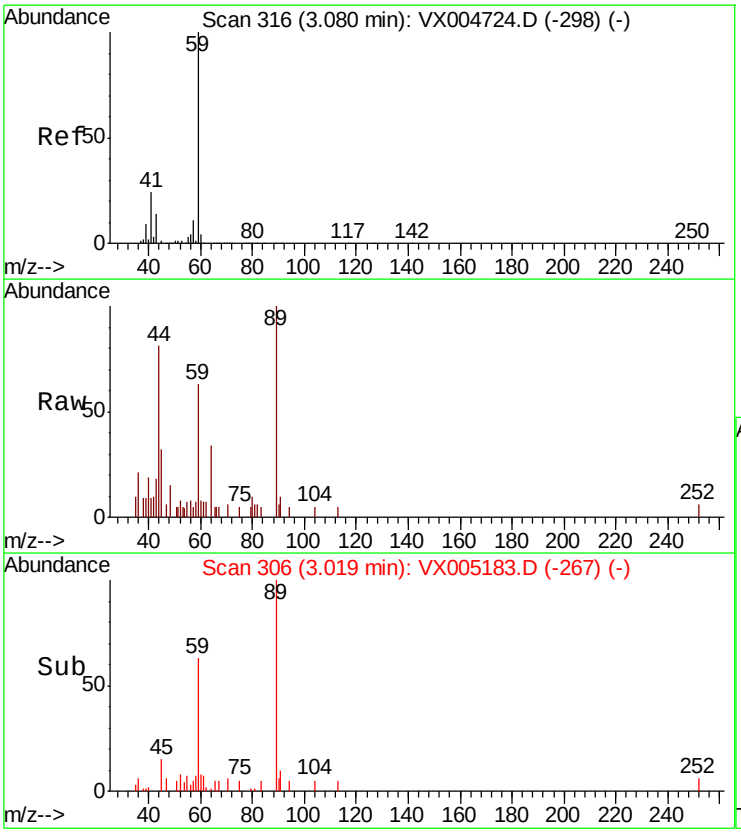
#10
Methyl Iodide
Concen: 0.223 ug/l
RT: 2.51 min Scan# 222
Delta R.T. 0.00 min
Lab File: VX005183.D
Acq: 10 Oct 2018 02:58

Instrument : MSVOA_X
ClientSampleId : VX1009WBL02

Tgt Ion:142 Resp: 572

Ion	Ratio	Lower	Upper
142	100		
127	47.0	30.1	45.1#
141	12.6	10.1	15.1

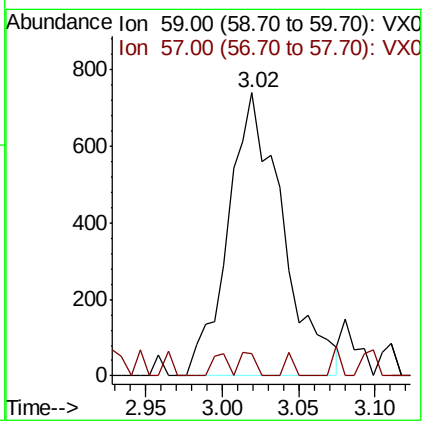


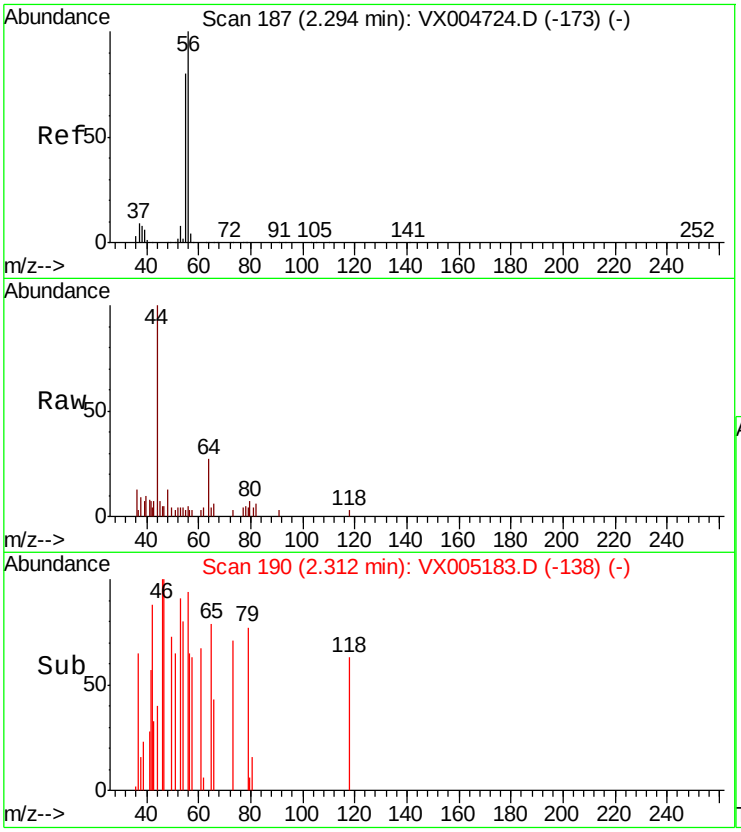


#11
Tert butyl alcohol
Concen: 2.619 ug/l
RT: 3.02 min Scan# 306
Delta R.T. -0.06 min
Lab File: VX005183.D
Acq: 10 Oct 2018 02:58

Tgt Ion: 59 Resp: 1836

Ion	Ratio	Lower	Upper
59	100		
57	2.4	8.6	12.8#



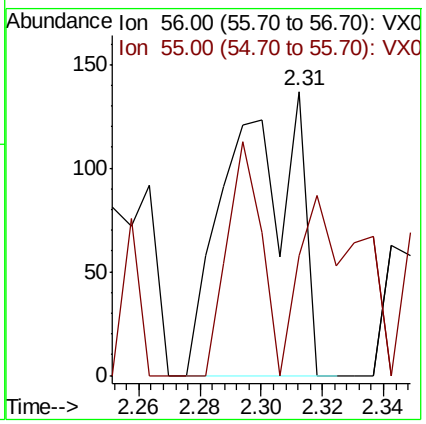


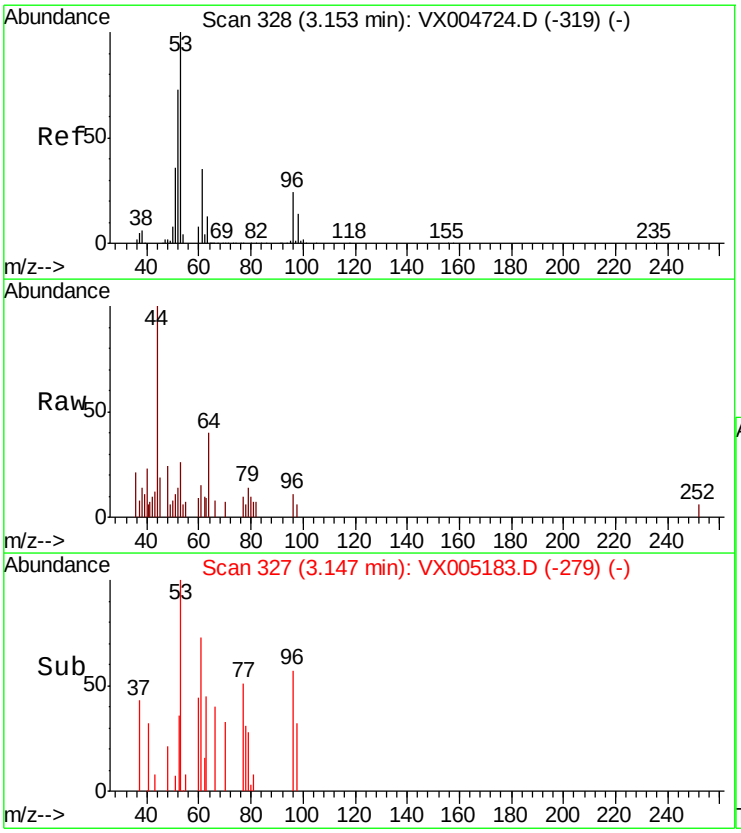
#13
Acrolein
Concen: 0.431 ug/l
RT: 2.31 min Scan# 190
Delta R.T. 0.02 min
Lab File: VX005183.D
Acq: 10 Oct 2018 02:58

Instrument : MSVOA_X
ClientSampleId : VX1009WBL02

Tgt Ion: 56 Resp: 215

Ion	Ratio	Lower	Upper
56	100		
55	67.9	63.4	95.2

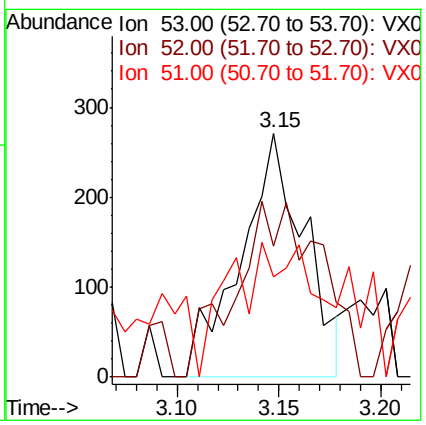


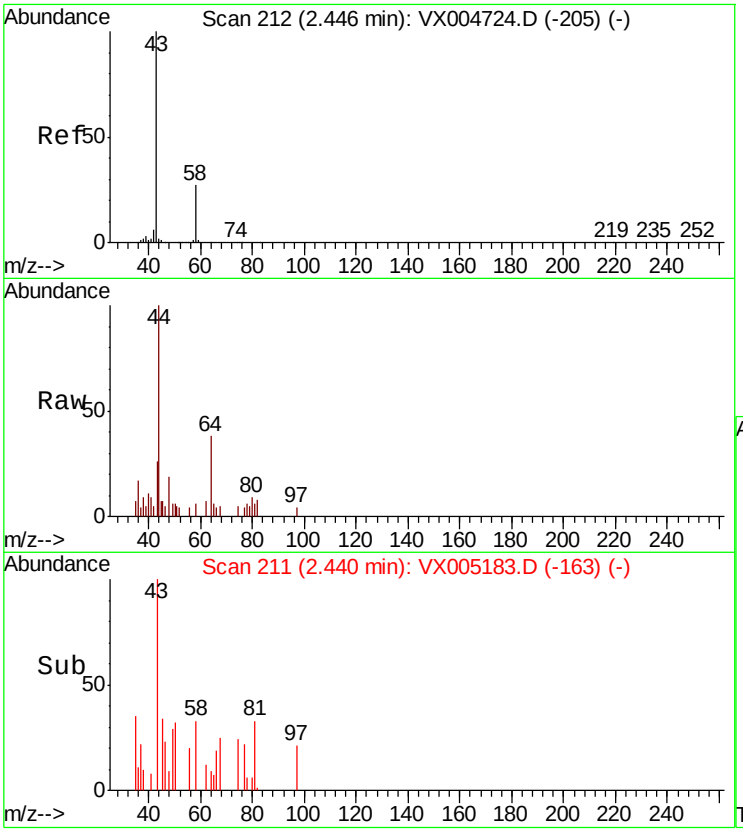


#15
Acrylonitrile
Concen: 0.383 ug/l
RT: 3.15 min Scan# 327
Delta R.T. -0.01 min
Lab File: VX005183.D
Acq: 10 Oct 2018 02:58

Tgt Ion: 53 Resp: 591

Ion	Ratio	Lower	Upper
53	100		
52	95.6	63.0	94.4#
51	28.4	28.6	42.8#



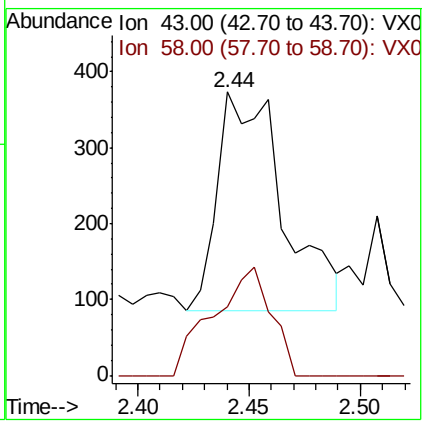


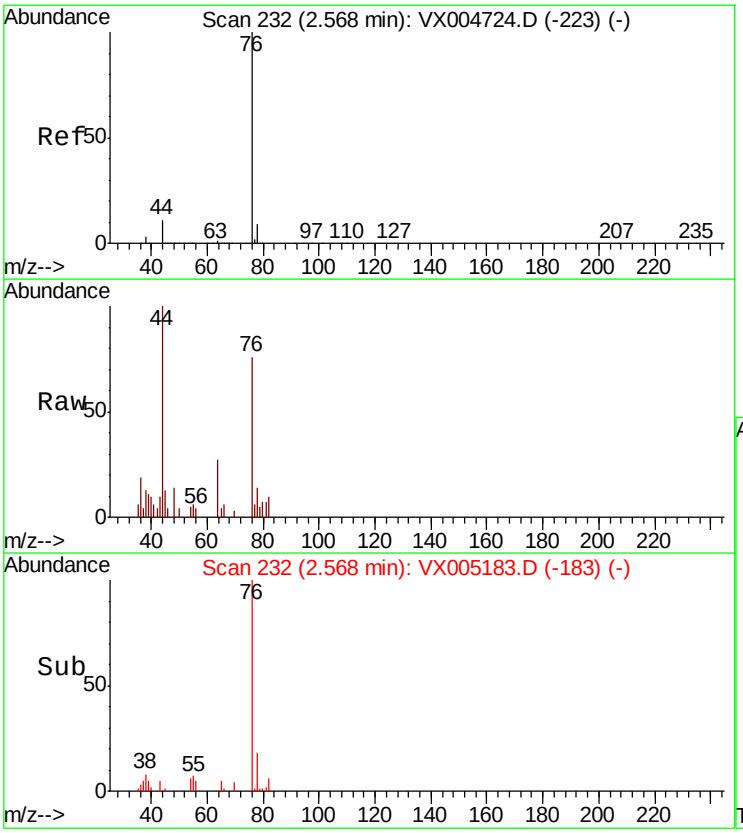
#16
Acetone
Concen: 0.400 ug/l
RT: 2.44 min Scan# 211
Delta R.T. -0.01 min
Lab File: VX005183.D
Acq: 10 Oct 2018 02:58

Instrument :
MSVOA_X
ClientSampleId :
VX1009WBL02

Tgt Ion: 43 Resp: 585

Ion	Ratio	Lower	Upper
43	100		
58	31.7	21.8	32.6

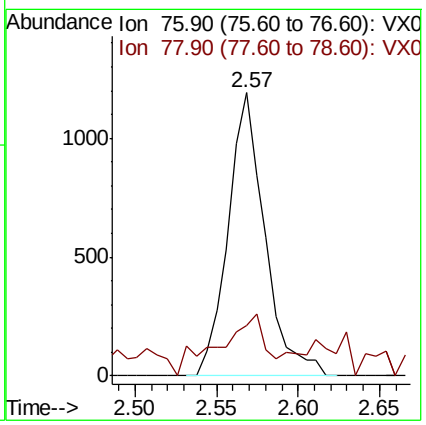


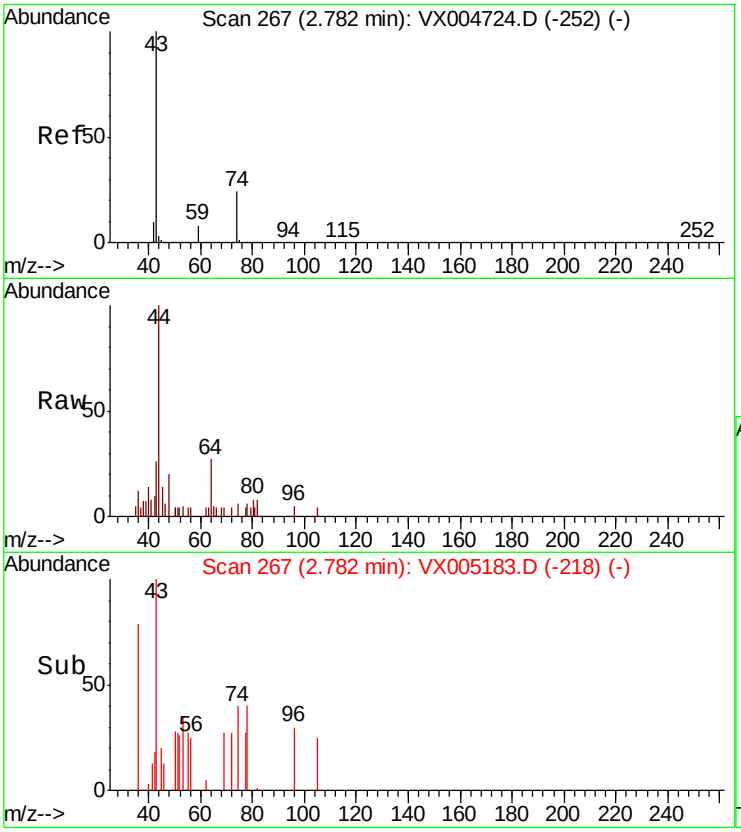


#17
Carbon Disulfide
Concen: 0.327 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX005183.D
Acq: 10 Oct 2018 02:58

Tgt Ion: 76 Resp: 1866

Ion	Ratio	Lower	Upper
76	100		
78	10.1	7.0	10.6



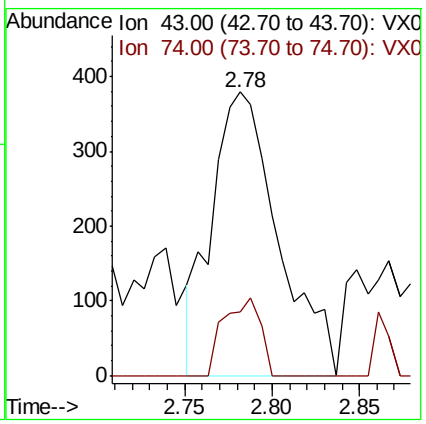


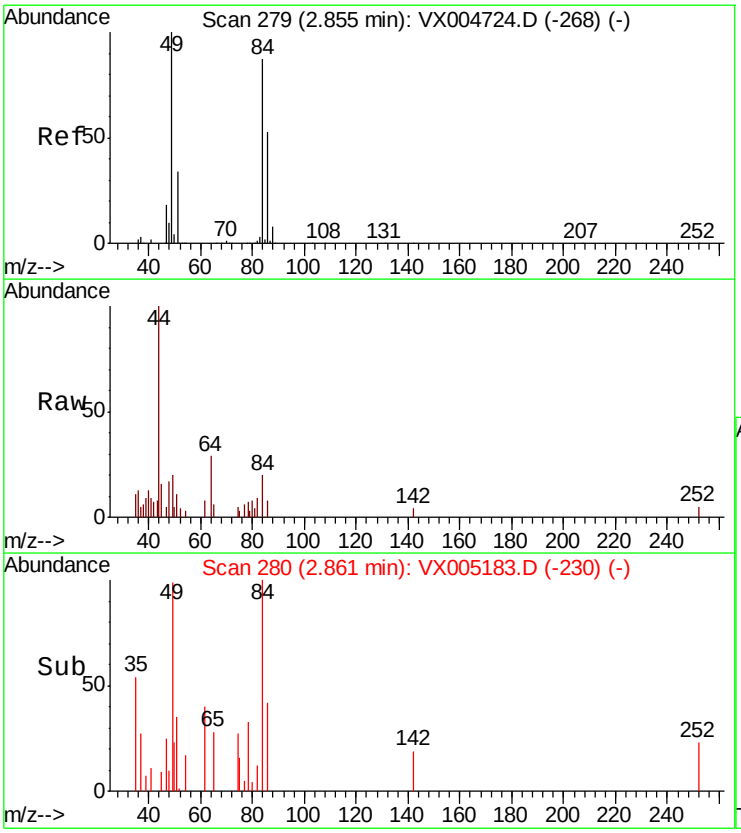
#18
Methyl Acetate
Concen: 0.270 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.00 min
Lab File: VX005183.D
Acq: 10 Oct 2018 02:58

Instrument : MSVOA_X
ClientSampleId : VX1009WBL02

Tgt Ion: 43 Resp: 1003

Ion	Ratio	Lower	Upper
43	100		
74	15.0	17.8	26.8#

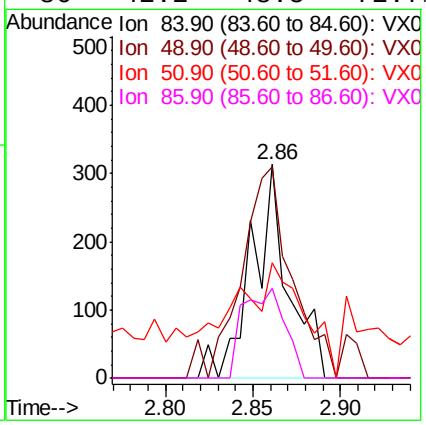


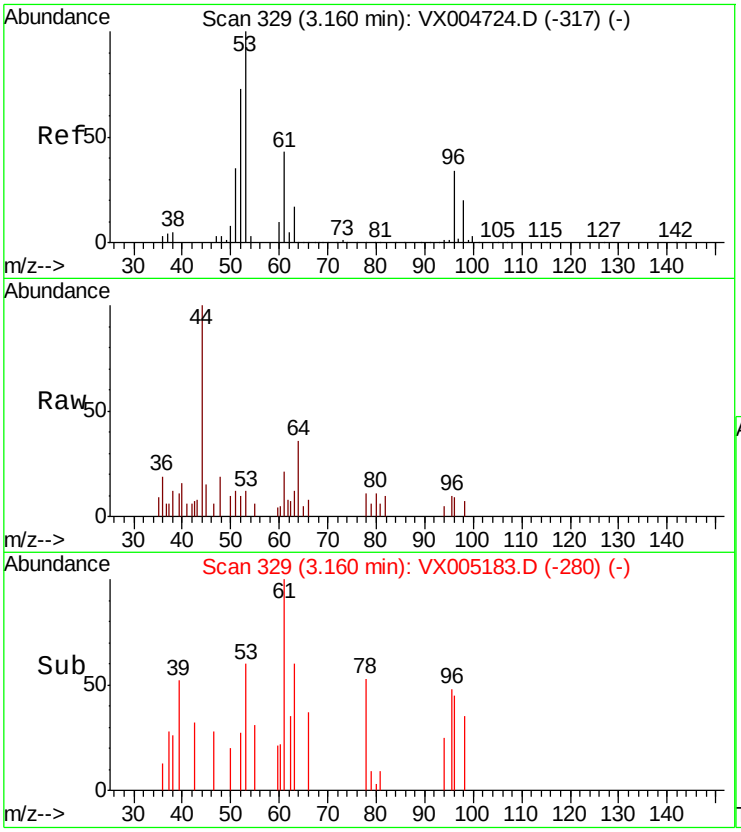


#20
Methylene Chloride
Concen: Below Cal
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX005183.D
Acq: 10 Oct 2018 02:58

Tgt Ion: 84 Resp: 464

Ion	Ratio	Lower	Upper
84	100		
49	98.7	92.3	138.5
51	54.0	31.8	47.6#
86	42.2	48.5	72.7#



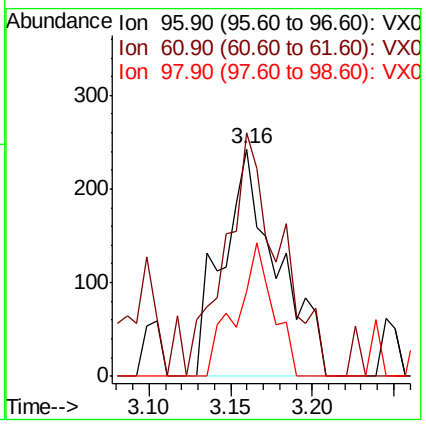


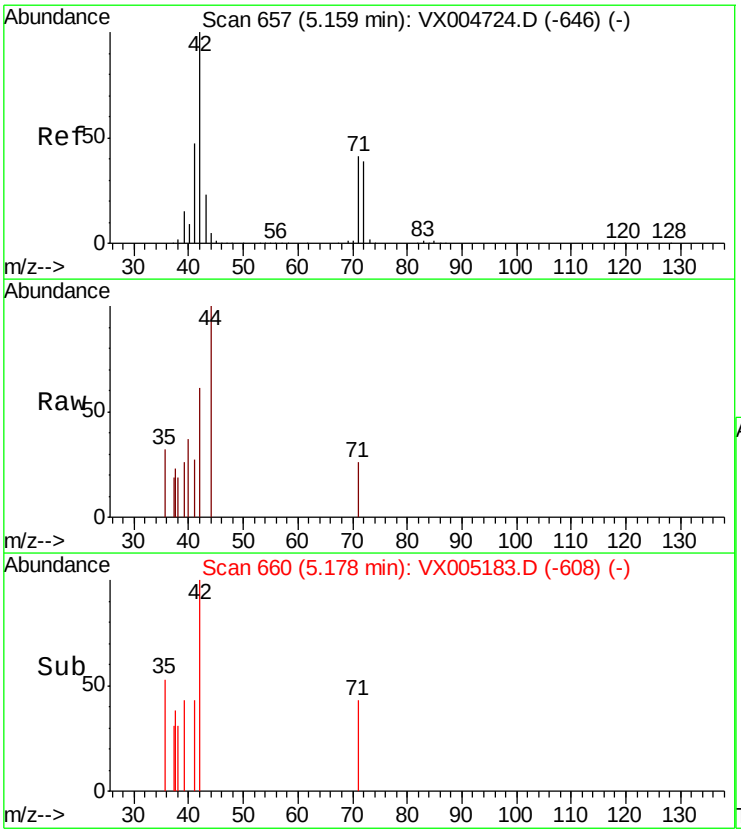
#21
trans-1,2-Dichloroethene
Concen: 0.272 ug/l
RT: 3.16 min Scan# 329
Delta R.T. 0.00 min
Lab File: VX005183.D
Acq: 10 Oct 2018 02:58

Instrument :
MSVOA_X
ClientSampleId :
VX1009WBL02

Tgt Ion: 96 Resp: 567

Ion	Ratio	Lower	Upper
96	100		
61	107.0	101.0	151.6
98	37.4	47.2	70.8#

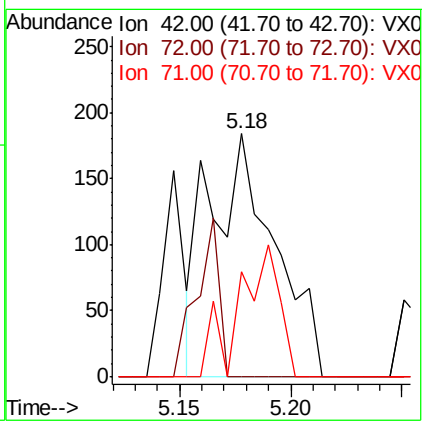


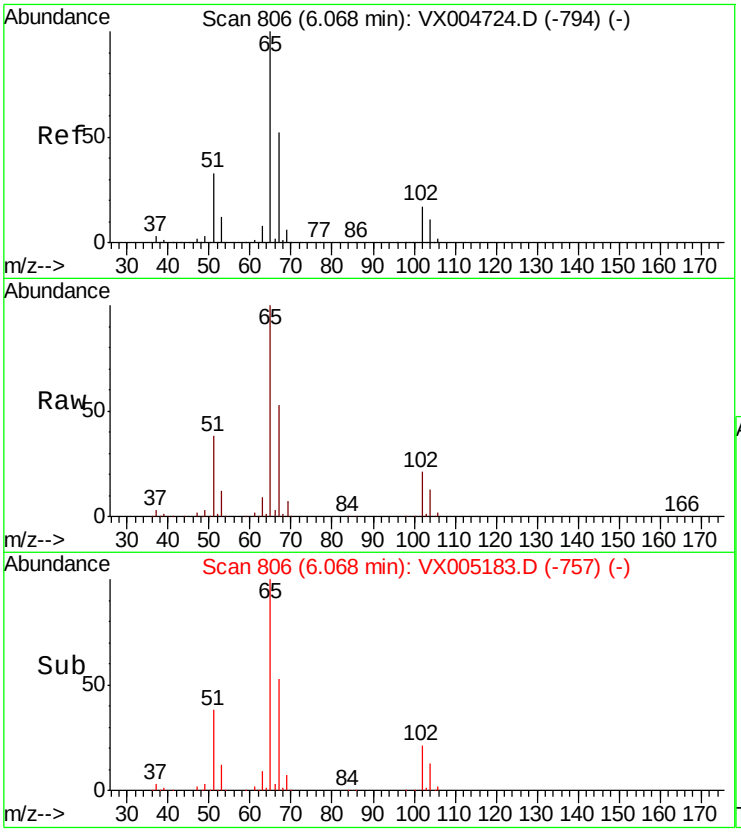


#29
Tetrahydrofuran
Concen: 0.280 ug/l
RT: 5.18 min Scan# 660
Delta R.T. 0.02 min
Lab File: VX005183.D
Acq: 10 Oct 2018 02:58

Tgt Ion: 42 Resp: 375

Ion	Ratio	Lower	Upper
42	100		
72	22.7	33.7	50.5#
71	0.0	32.2	48.4#



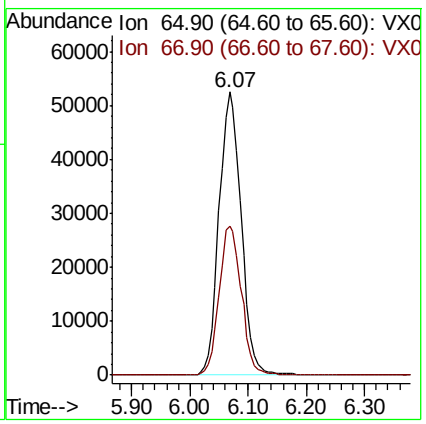


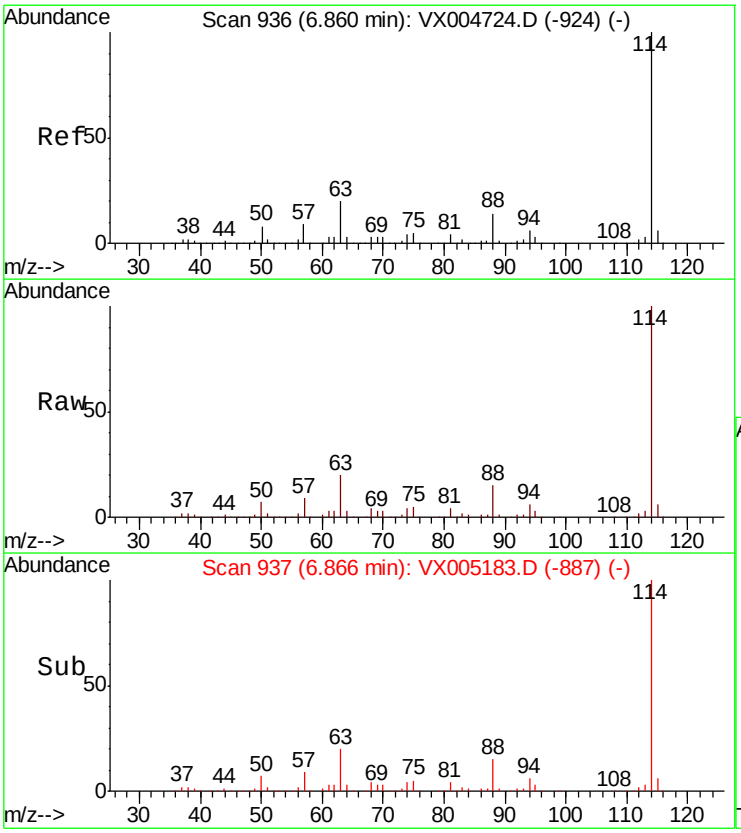
#33
1,2-Dichloroethane-d4
Concen: 55.061 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX005183.D
Acq: 10 Oct 2018 02:58

Instrument :
MSVOA_X
ClientSampleId :
VX1009WBL02

Tgt Ion: 65 Resp: 138047

Ion	Ratio	Lower	Upper
65	100		
67	52.9	0.0	107.4

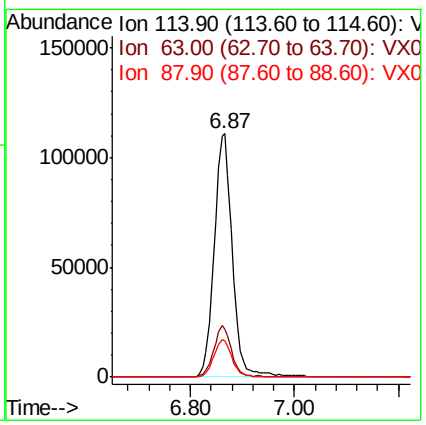


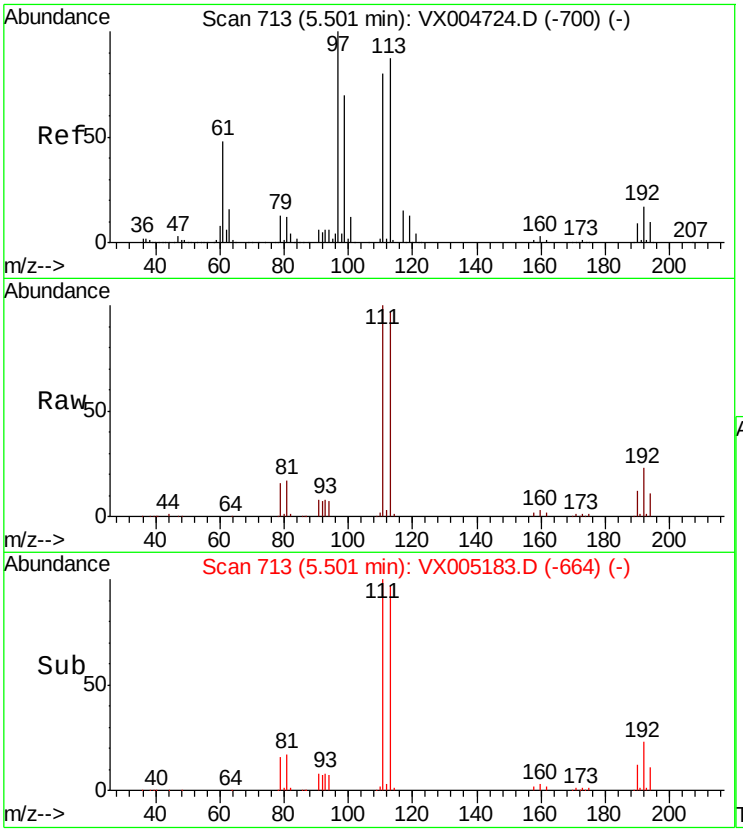


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.87 min Scan# 937
Delta R.T. 0.01 min
Lab File: VX005183.D
Acq: 10 Oct 2018 02:58

Tgt Ion:114 Resp: 274220

Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	39.8
88	15.0	0.0	27.0



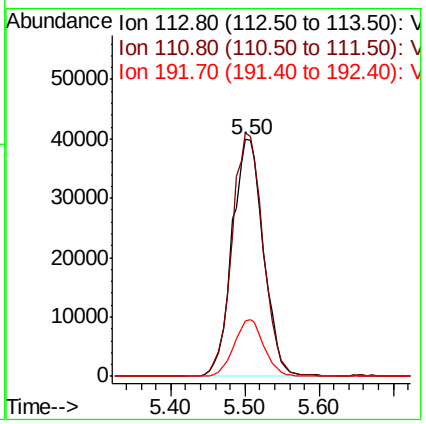


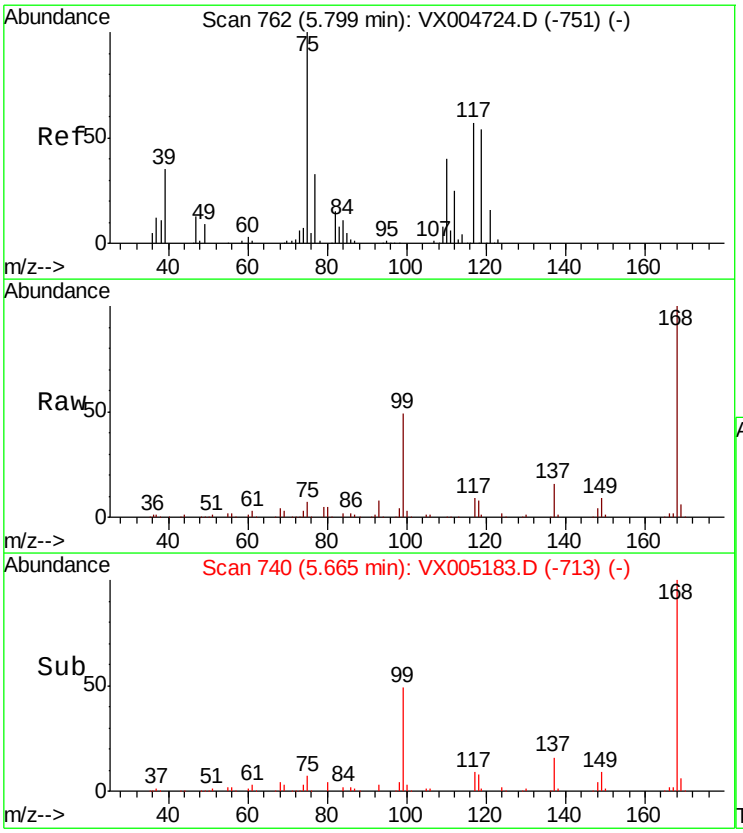
#35
Dibromofluoromethane
Concen: 50.790 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.00 min
Lab File: VX005183.D
Acq: 10 Oct 2018 02:58

Instrument :
MSVOA_X
ClientSampleId :
VX1009WBL02

Tgt Ion:113 Resp: 118038

Ion	Ratio	Lower	Upper
113	100		
111	101.6	77.0	115.4
192	22.9	17.0	25.6

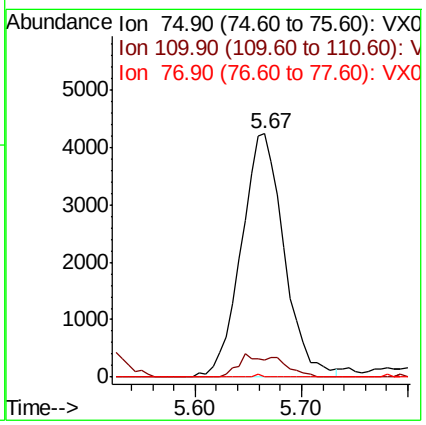


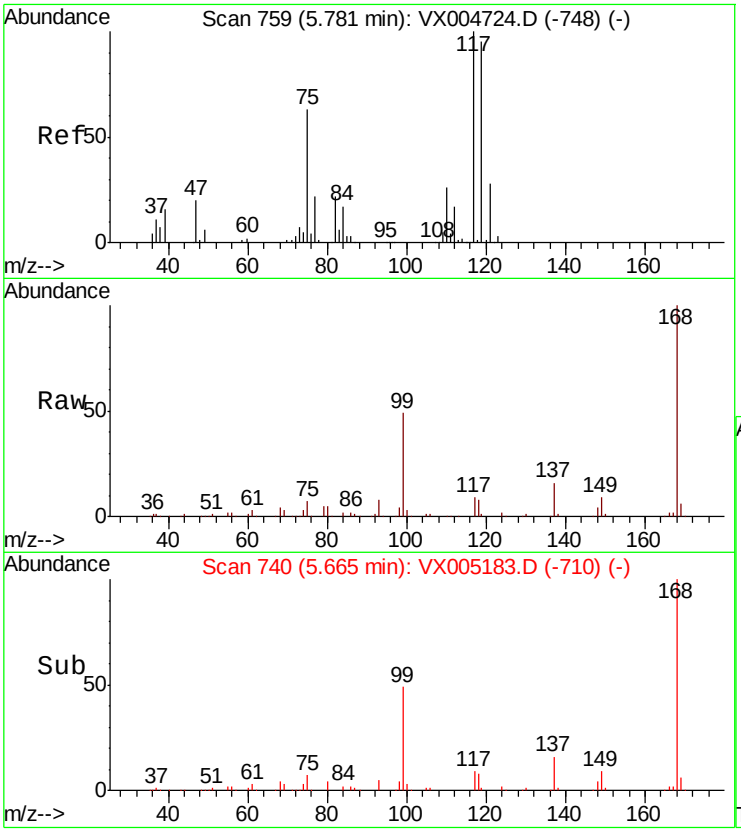


#36
1,1-Dichloropropene
Concen: 3.763 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.13 min
Lab File: VX005183.D
Acq: 10 Oct 2018 02:58

Tgt Ion: 75 Resp: 11931

Ion	Ratio	Lower	Upper
75	100		
110	5.4	20.0	59.9#
77	0.2	27.1	40.7#



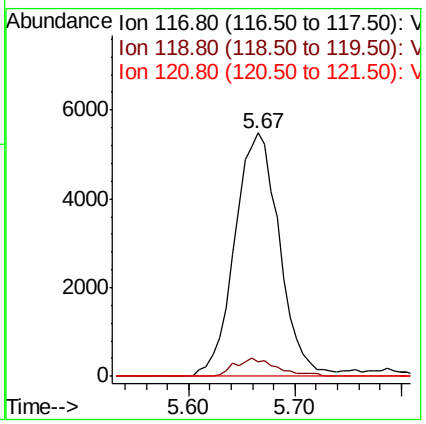


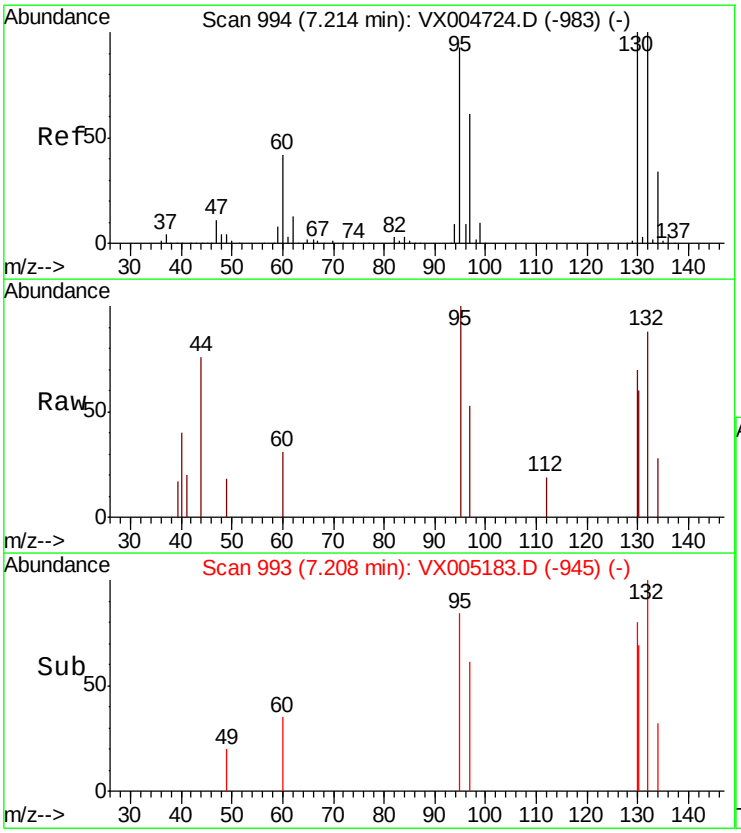
#38
Carbon Tetrachloride
Concen: 4.839 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.12 min
Lab File: VX005183.D
Acq: 10 Oct 2018 02:58

Instrument :
MSVOA_X
ClientSampleId :
VX1009WBL02

Tgt Ion:117 Resp: 16130

Ion	Ratio	Lower	Upper
117	100		
119	6.1	75.2	112.8#
121	0.0	22.5	33.7#

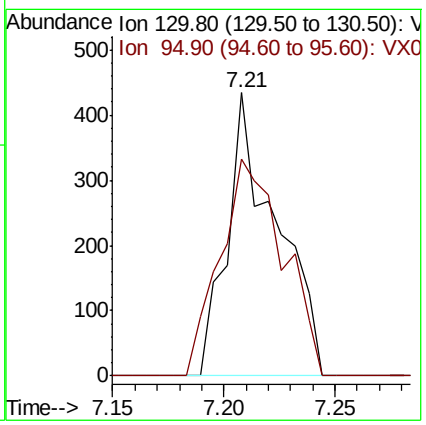


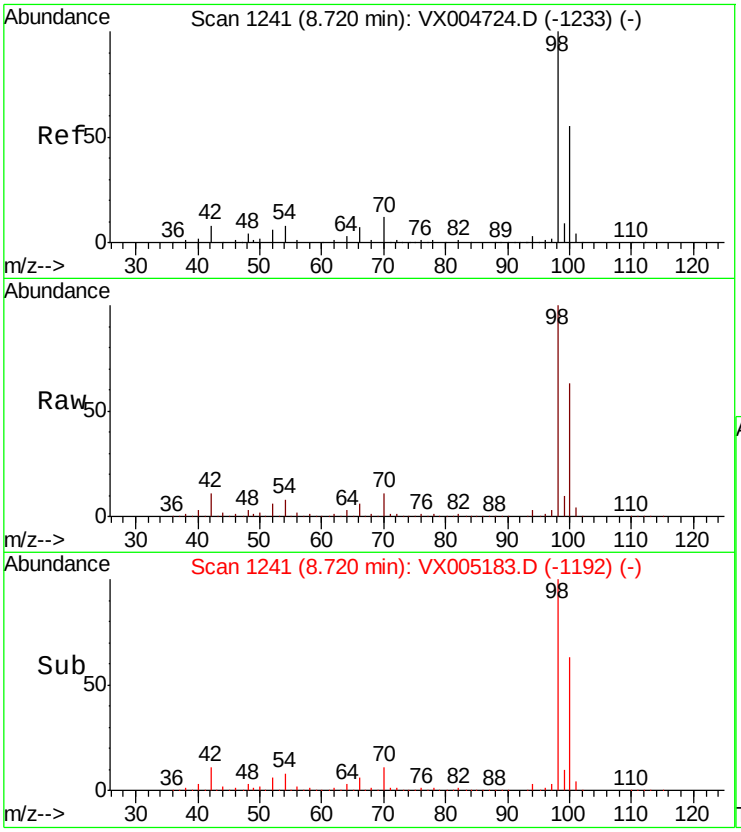


#44
Trichloroethene
Concen: 0.273 ug/l
RT: 7.21 min Scan# 993
Delta R.T. -0.01 min
Lab File: VX005183.D
Acq: 10 Oct 2018 02:58

Tgt Ion:130 Resp: 665

Ion	Ratio	Lower	Upper
130	100		
95	76.7	0.0	186.8



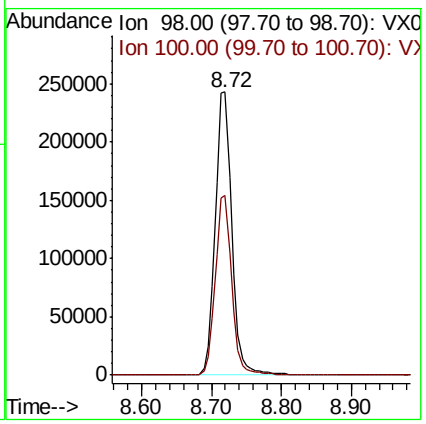


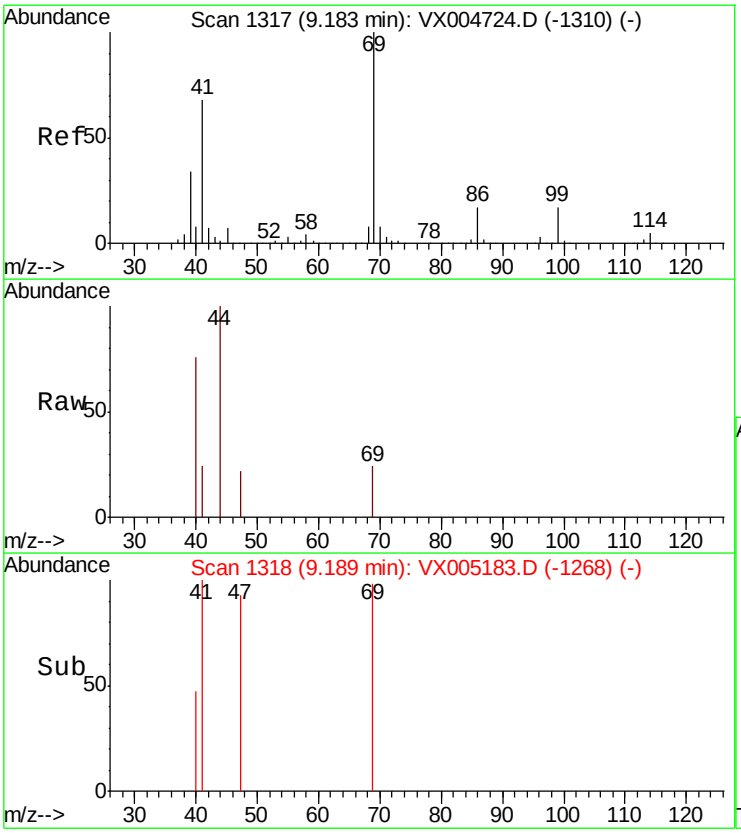
#50
Toluene-d8
Concen: 51.976 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. 0.00 min
Lab File: VX005183.D
Acq: 10 Oct 2018 02:58

Instrument :
MSVOA_X
ClientSampleId :
VX1009WBL02

Tgt Ion: 98 Resp: 401578

Ion	Ratio	Lower	Upper
98	100		
100	62.9	51.9	77.9

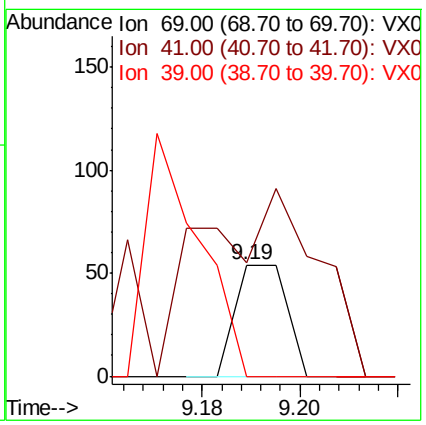


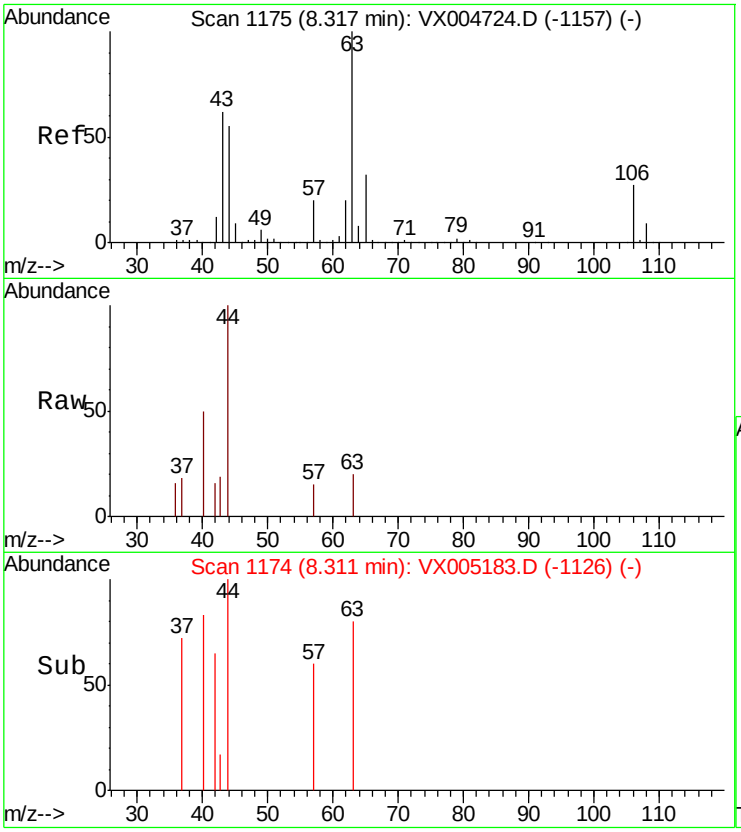


#56
Ethyl methacrylate
Concen: 2.872 ug/l
RT: 9.19 min Scan# 1318
Delta R.T. 0.01 min
Lab File: VX005183.D
Acq: 10 Oct 2018 02:58

Tgt Ion: 69 Resp: 40

Ion	Ratio	Lower	Upper
69	100		
41	242.5	56.9	85.3#
39	225.0	28.4	42.6#



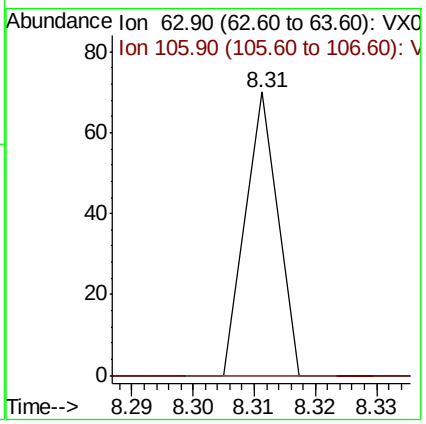


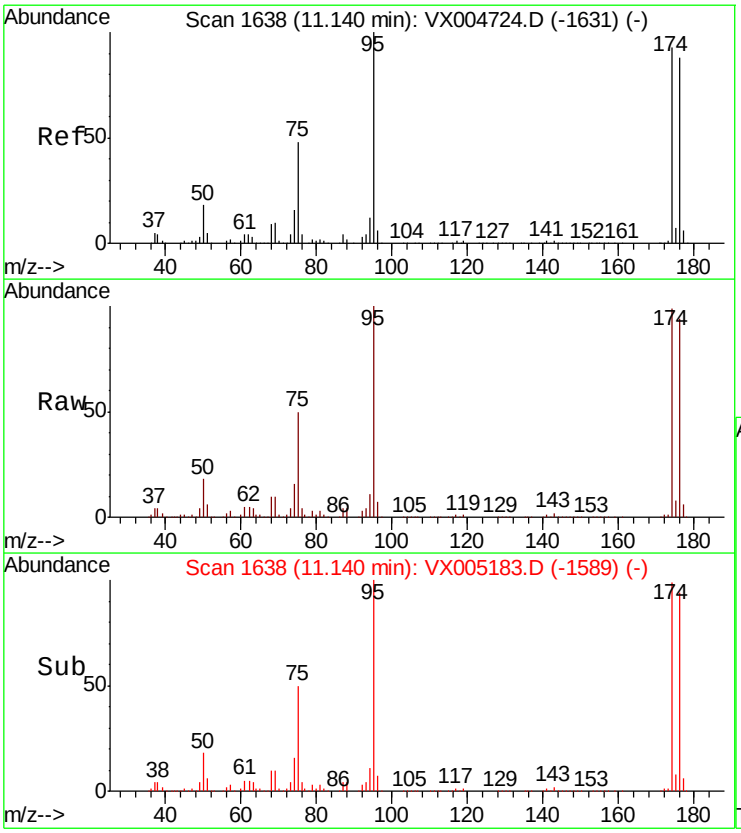
#58
2-Chloroethyl Vinyl ether
Concen: 14.254 ug/l
RT: 8.31 min Scan# 1174
Delta R.T. -0.01 min
Lab File: VX005183.D
Acq: 10 Oct 2018 02:58

Instrument :
MSVOA_X
ClientSampleId :
VX1009WBL02

Tgt Ion: 63 Resp: 26

Ion	Ratio	Lower	Upper
63	100		
106	0.0	21.0	31.6#

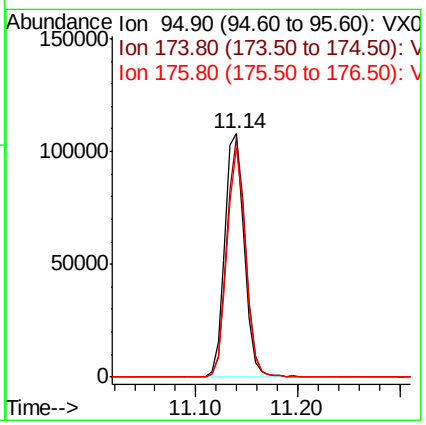


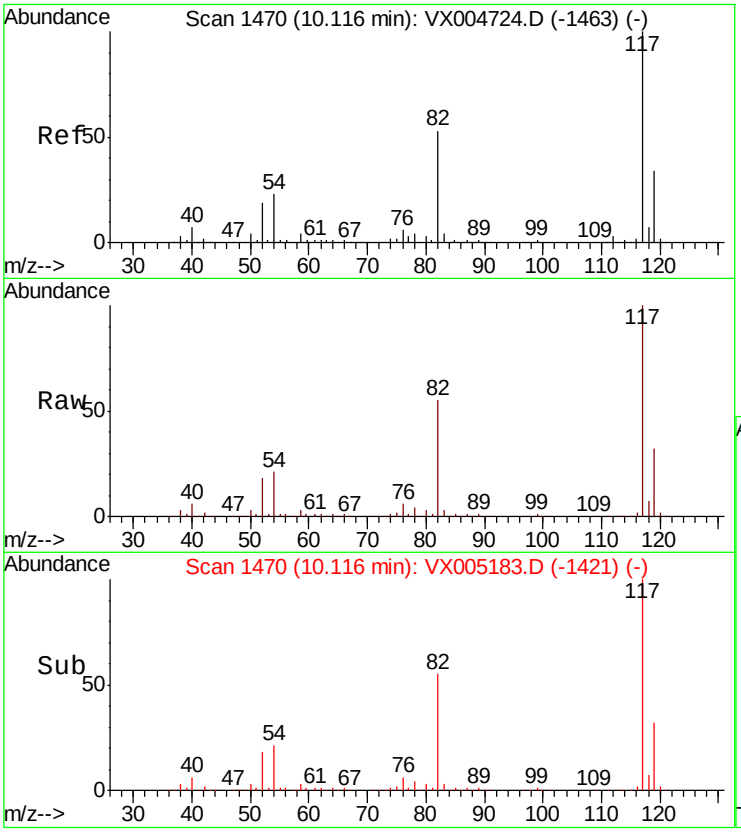


#62
4-Bromofluorobenzene
Concen: 51.128 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.00 min
Lab File: VX005183.D
Acq: 10 Oct 2018 02:58

Tgt Ion: 95 Resp: 142313

Ion	Ratio	Lower	Upper
95	100		
174	94.6	0.0	185.0
176	89.5	0.0	180.2



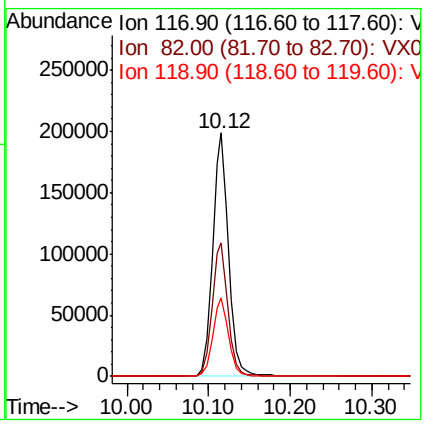


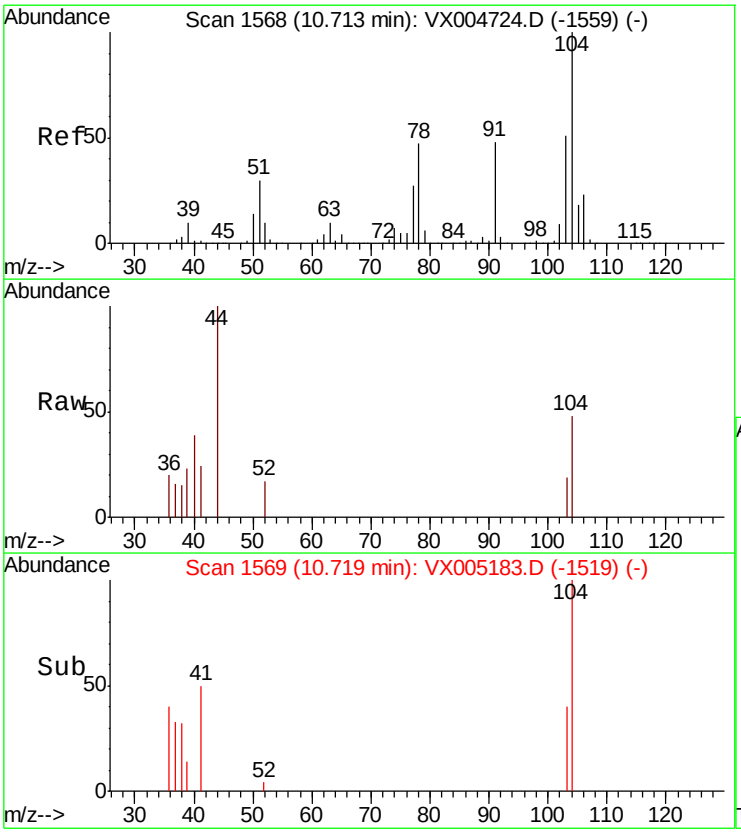
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX005183.D
Acq: 10 Oct 2018 02:58

Instrument : MSVOA_X
ClientSampleId : VX1009WBL02

Tgt Ion:117 Resp: 273264

Ion	Ratio	Lower	Upper
117	100		
82	54.8	42.2	63.4
119	32.2	27.4	41.0

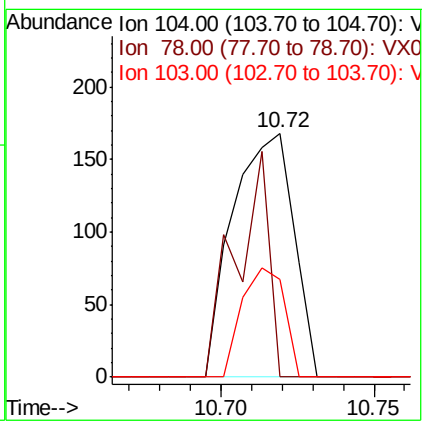


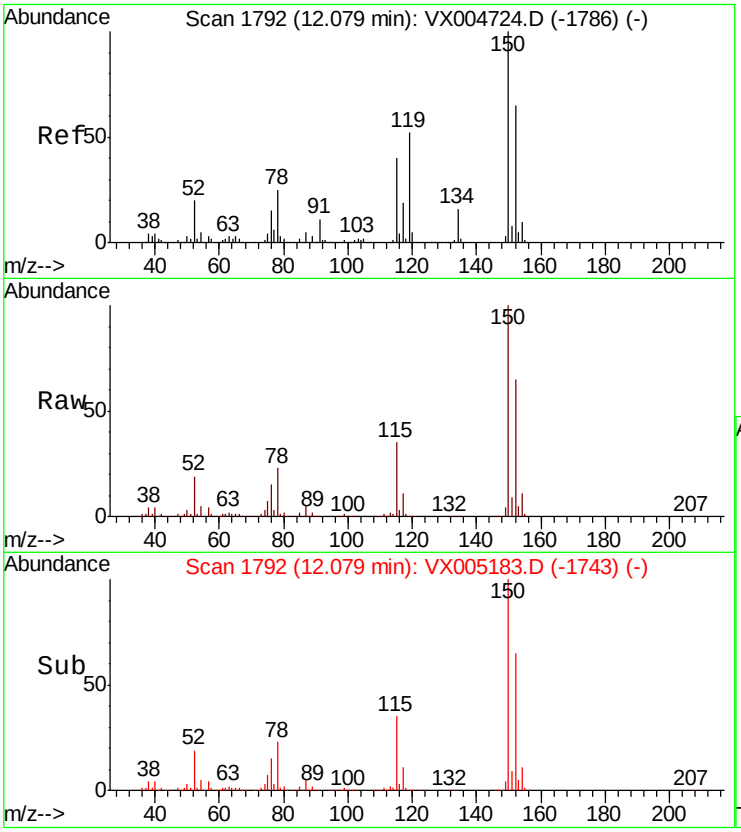


#70
Styrene
Concen: 2.170 ug/l
RT: 10.72 min Scan# 1569
Delta R.T. 0.01 min
Lab File: VX005183.D
Acq: 10 Oct 2018 02:58

Tgt Ion:104 Resp: 233

Ion	Ratio	Lower	Upper
104	100		
78	50.2	40.0	60.0
103	30.9	44.3	66.5#



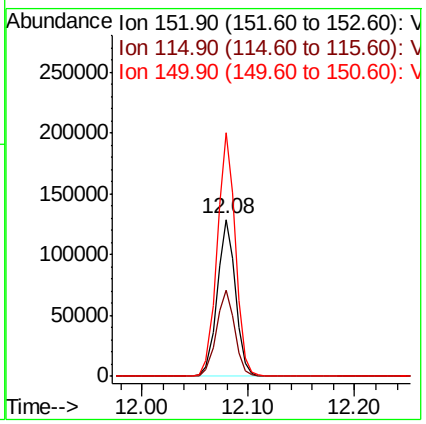


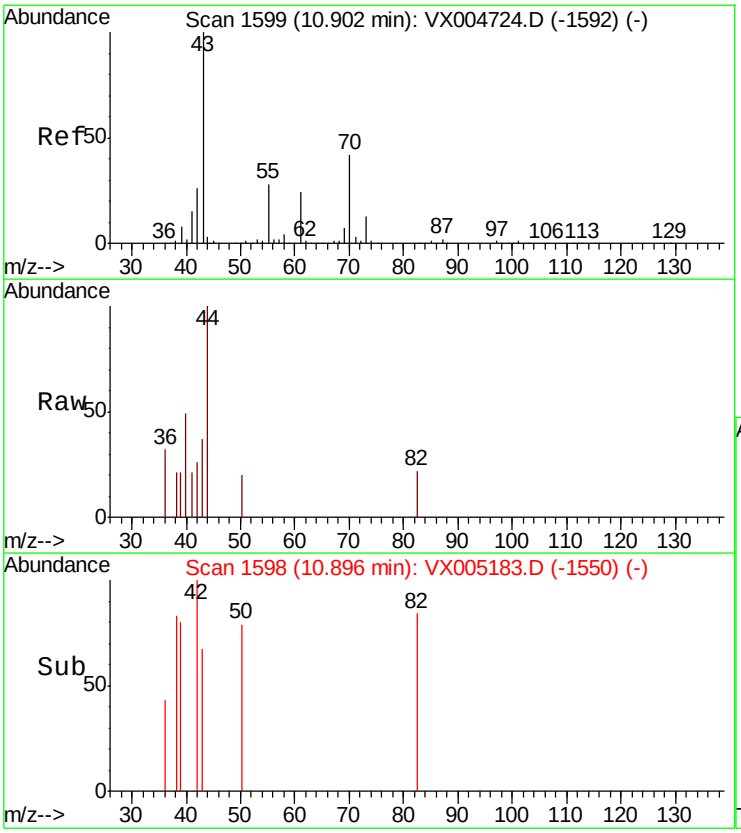
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX005183.D
Acq: 10 Oct 2018 02:58

Instrument : MSVOA_X
ClientSampleId : VX1009WBL02

Tgt Ion:152 Resp: 152926

Ion	Ratio	Lower	Upper
152	100		
115	55.2	40.2	120.6
150	155.4	0.0	351.0

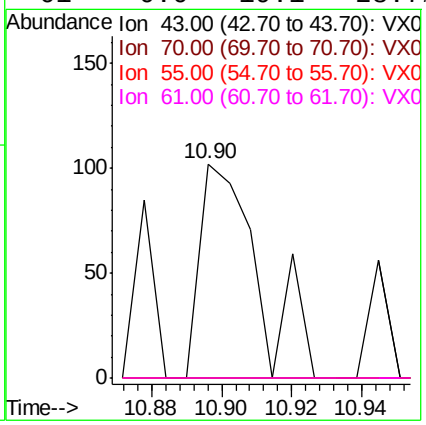


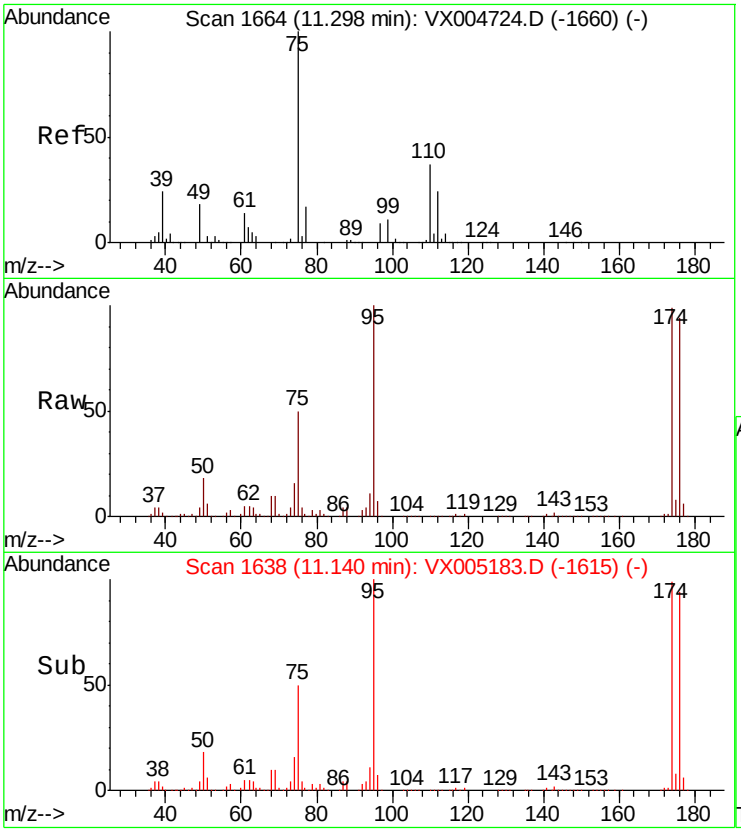


#74
N-amyl acetate
Concen: 1.770 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. -0.01 min
Lab File: VX005183.D
Acq: 10 Oct 2018 02:58

Tgt Ion: 43 Resp: 119

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



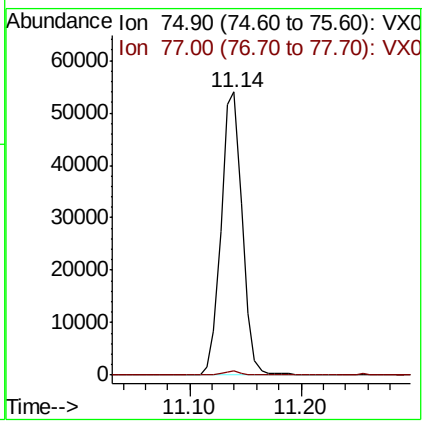


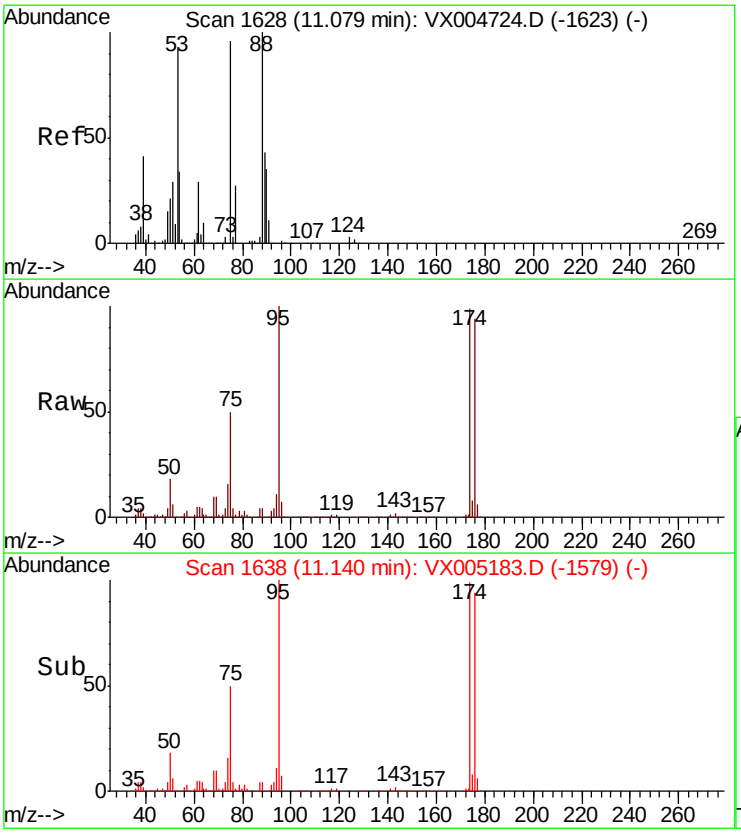
#76
1,2,3-Trichloropropane
Concen: 20.683 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.16 min
Lab File: VX005183.D
Acq: 10 Oct 2018 02:58

Instrument :
MSVOA_X
ClientSampleId :
VX1009WBL02

Tgt Ion: 75 Resp: 70894

Ion	Ratio	Lower	Upper
75	100		
77	1.5	21.4	64.3#

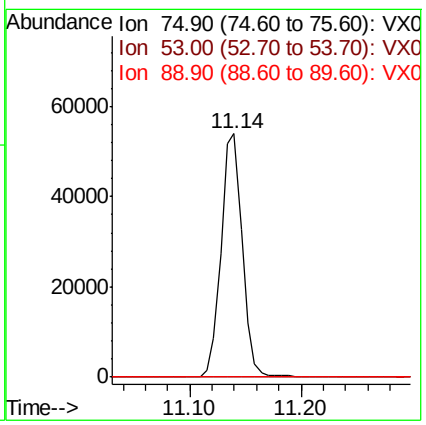


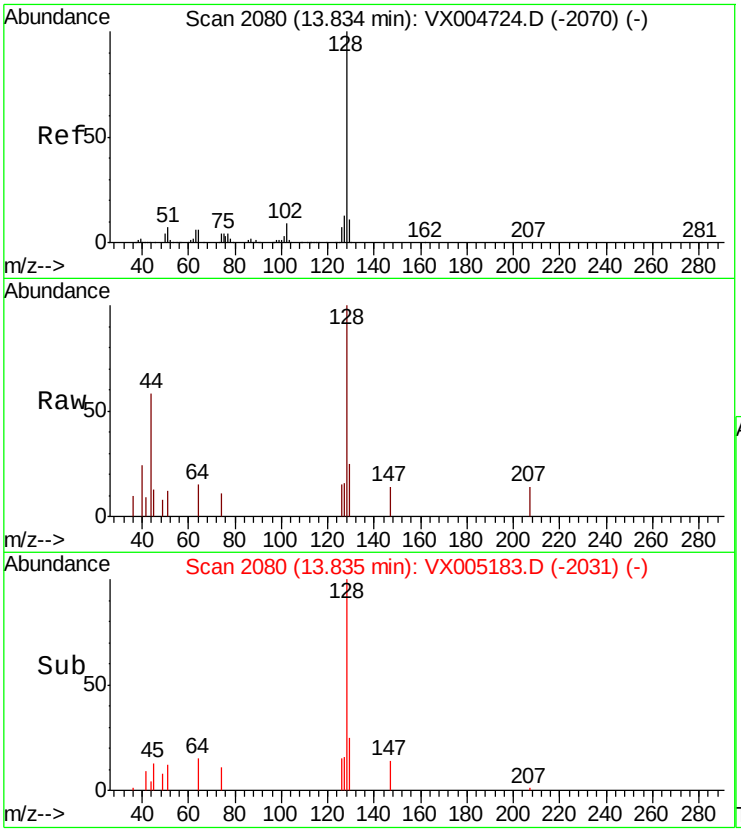


#81
trans-1,4-Dichloro-2-butene
Concen: 56.156 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.06 min
Lab File: VX005183.D
Acq: 10 Oct 2018 02:58

Tgt Ion: 75 Resp: 70894

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





#95
Naphthalene
Concen: 0.788 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX005183.D
Acq: 10 Oct 2018 02:58

Instrument :
MSVOA_X
ClientSampleId :
VX1009WBL02

Tgt Ion:128 Resp: 878

Ion	Ratio	Lower	Upper
128	100		
127	11.6	10.4	15.6
129	11.8	8.7	13.1