Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX061118\
Data File : VX002437.D
Acq On : 11 Jun 2018 11:44
Operator : JC/MD
Sample : VX0611WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : VX0611WBL01

Quant Time: Jun 11 16:34:13 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 05 03:22:35 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.67	168	259392	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.87	114	381004	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.12	117	353438	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	198725	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.07	65	198019	53.64	ug/l		0.00
Spiked Amount 50.000			Recovery = 107.28%				
35) Dibromofluoromethane	5.51	113	151432	50.54	ug/l		0.00
Spiked Amount 50.000			Recovery = 101.08%				
50) Toluene-d8	8.72	98	593144	51.65	ug/l		0.00
Spiked Amount 50.000			Recovery = 103.30%				
62) 4-Bromofluorobenzene	11.14	95	212293	47.94	ug/l		0.00
Spiked Amount 50.000			Recovery = 95.88%				
Target Compounds							Qvalue
3) Chloromethane	1.32	50	653	Below Cal			98
5) Bromomethane	1.65	94	1068	Below Cal		#	56
6) Chloroethane	1.72	64	1818	0.83	ug/l	#	63
8) Diethyl Ether	2.20	74	308	Below Cal			78
10) Methyl Iodide	2.52	142	943	0.24	ug/l	#	82
11) Tert butyl alcohol	3.01	59	507	Below Cal		#	59
13) Acrolein	2.29	56	487	Below Cal			100
15) Acrylonitrile	3.15	53	1103	Below Cal		#	82
16) Acetone	2.44	43	1393	Below Cal			98
17) Carbon Disulfide	2.58	76	2394	0.33	ug/l	#	86
18) Methyl Acetate	2.78	43	831	Below Cal		#	69
19) Methyl tert-butyl Ether	3.21	73	723	Below Cal		#	51
20) Methylene Chloride	2.87	84	1035	Below Cal			96
21) trans-1,2-Dichloroethene	3.17	96	752	0.25	ug/l	#	71
22) Diisopropyl ether	3.86	45	619	Below Cal		#	81
23) Vinyl Acetate	3.82	43	3034	0.31	ug/l	#	61
25) 2-Butanone	4.70	43	867	0.34	ug/l	#	49
28) Bromochloromethane	5.03	49	389	Below Cal		#	92
29) Tetrahydrofuran	5.15	42	1818	1.11	ug/l	#	64
36) 1,1-Dichloropropene	5.66	75	18441	4.60	ug/l	#	51
38) Carbon Tetrachloride	5.67	117	24746	5.91	ug/l	#	15
39) Methylcyclohexane	7.46	83	176	0.30	ug/l	#	47
49) 1,4-Dioxane	7.75	88	22	0.29	ug/l	#	1
51) 4-Methyl-2-Pentanone	8.65	43	1516	0.30	ug/l		93
58) 2-Chloroethyl Vinyl ether	8.31	63	758	0.32	ug/l	#	78
59) 2-Hexanone	9.50	43	1298	0.33	ug/l		88
71) Bromoform	10.86	173	80	3.48	ug/l	#	28
76) 1,2,3-Trichloropropane	11.14	75	114089	26.16	ug/l	#	33
81) trans-1,4-Dichloro-2-buten	11.14	75	114089	91.71	ug/l	#	7
93) 1,2,4-Trichlorobenzene	13.65	180	1576	0.31	ug/l		82
96) 1,2,3-Trichlorobenzene	14.03	180	1221	0.24	ug/l		91

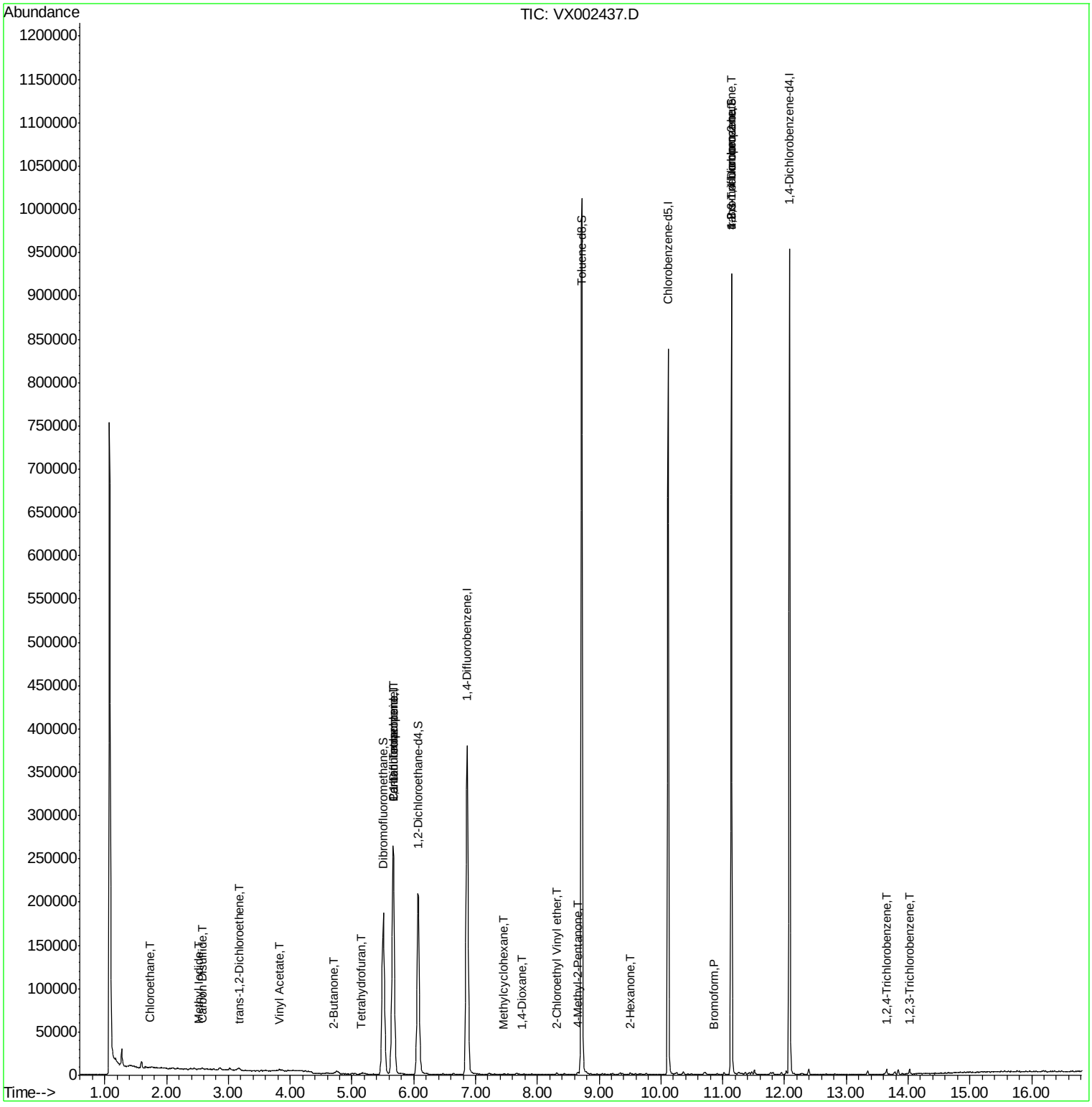
(#) = qualifier out of range (m) = manual integration (+) = signals summed

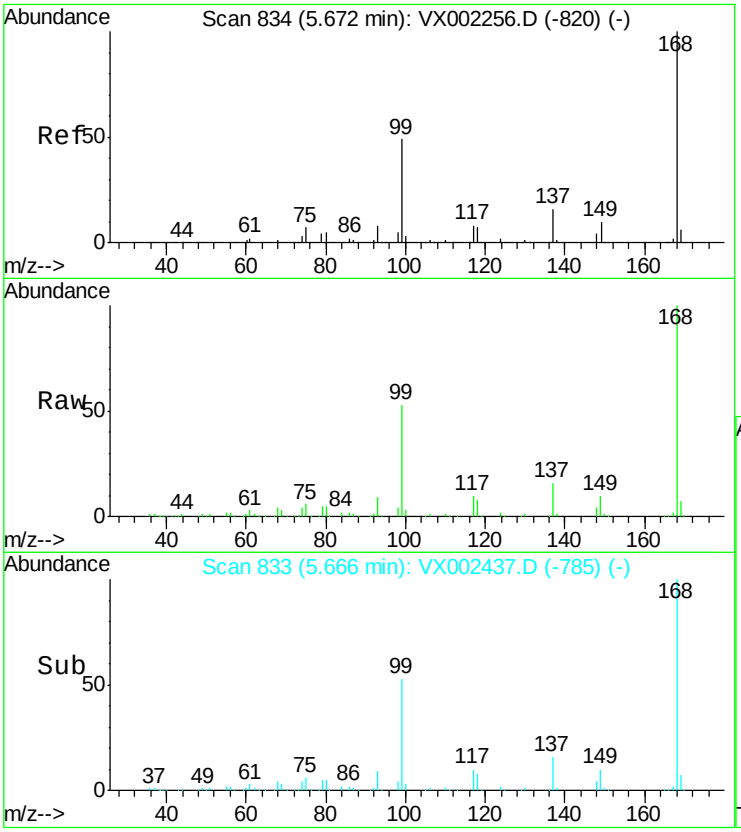
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061118\
Data File : VX002437.D
Acq On : 11 Jun 2018 11:44
Operator : JC/MD
Sample : VX0611WBL01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : VX0611WBL01

Quant Time: Jun 11 16:34:13 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 05 03:22:35 2018
Response via : Initial Calibration



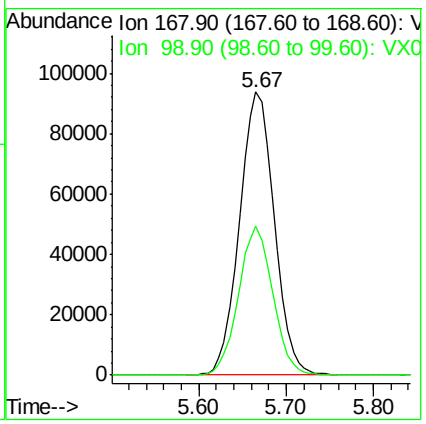


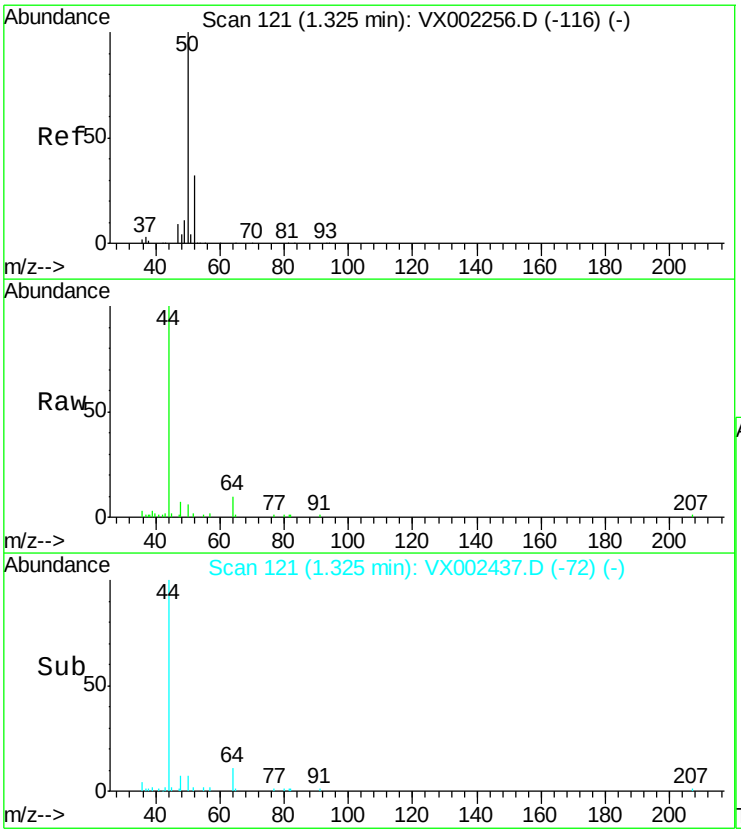
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.01 min
Lab File: VX002437.D
Acq: 11 Jun 2018 11:44

Instrument :
MSVOA_X
ClientSampleId :
VX0611WBL01

Tgt Ion:168 Resp: 259392

Ion	Ratio	Lower	Upper
168	100		
99	52.5	39.3	58.9

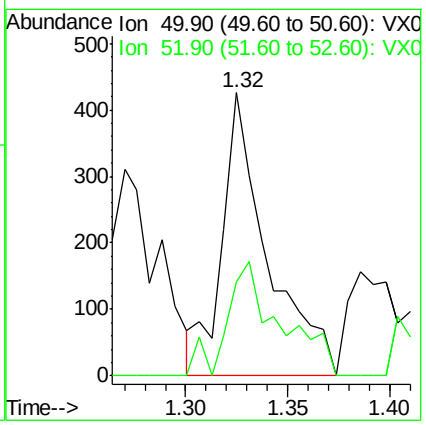


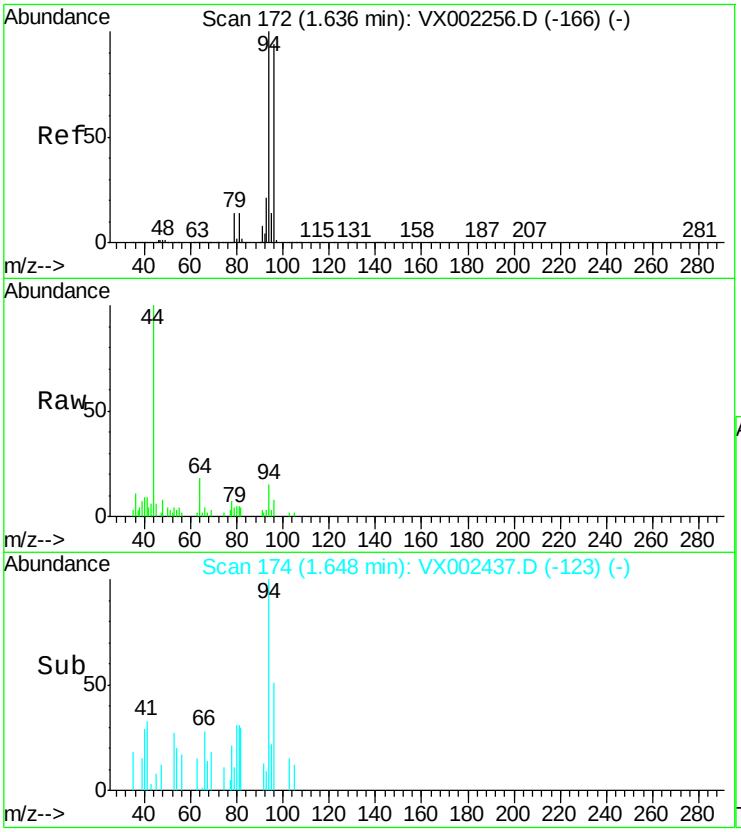


#3
Chloromethane
Concen: Below Cal
RT: 1.32 min Scan# 121
Delta R.T. 0.00 min
Lab File: VX002437.D
Acq: 11 Jun 2018 11:44

Tgt Ion: 50 Resp: 653

Ion	Ratio	Lower	Upper
50	100		
52	33.1	25.7	38.5



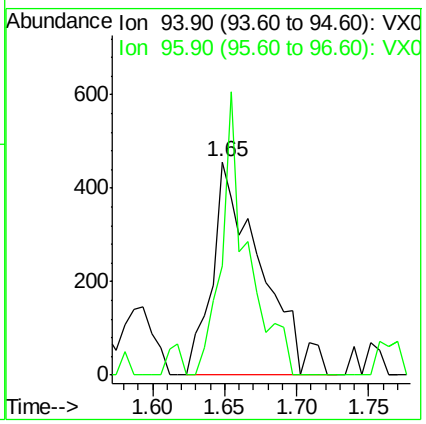


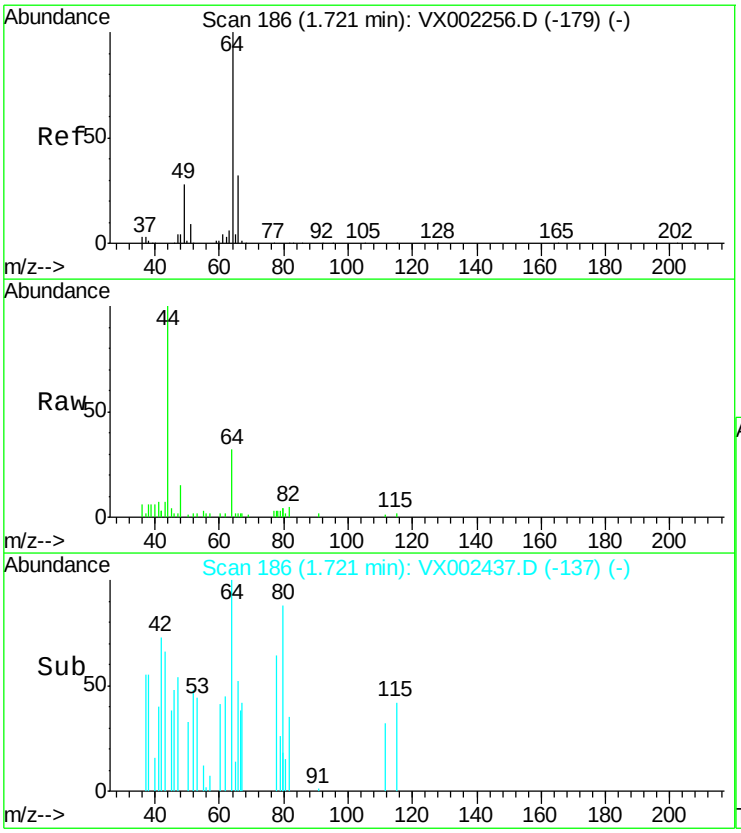
#5
Bromomethane
Concen: Below Cal
RT: 1.65 min Scan# 174
Delta R.T. 0.01 min
Lab File: VX002437.D
Acq: 11 Jun 2018 11:44

Instrument :
MSVOA_X
ClientSampleId :
VX0611WBL01

Tgt Ion: 94 Resp: 1068

Ion	Ratio	Lower	Upper
94	100		
96	51.2	74.9	112.3#

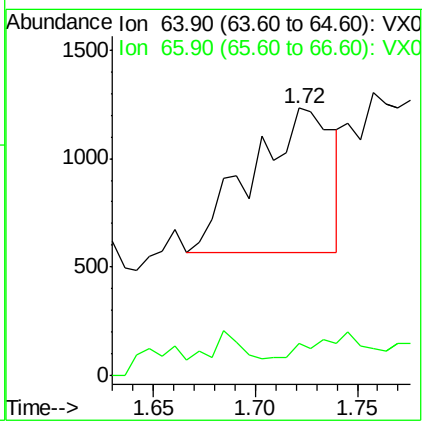


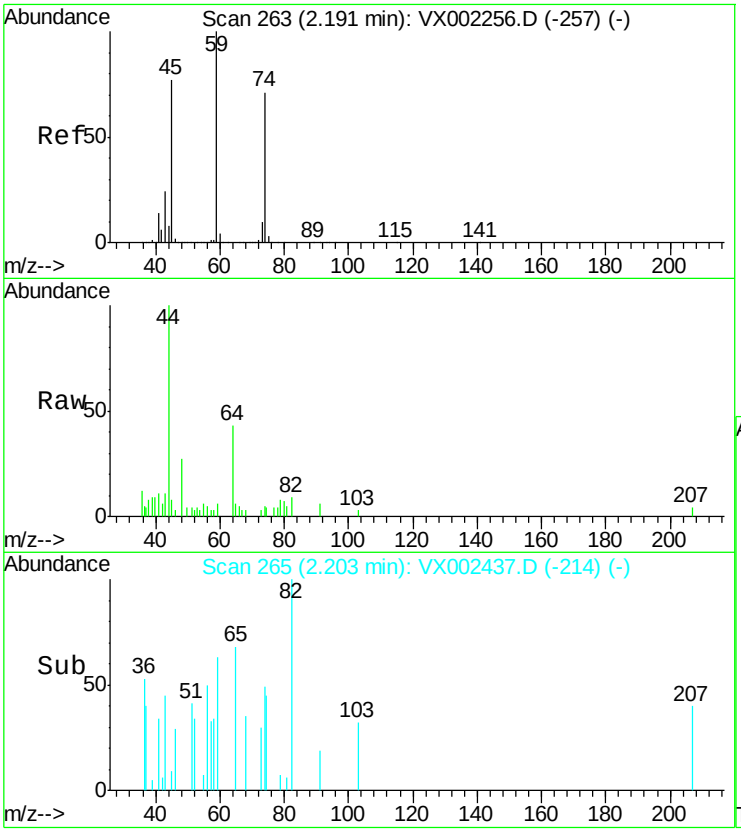


#6
Chloroethane
Concen: 0.83 ug/l
RT: 1.72 min Scan# 186
Delta R.T. -0.00 min
Lab File: VX002437.D
Acq: 11 Jun 2018 11:44

Tgt Ion: 64 Resp: 1818

Ion	Ratio	Lower	Upper
64	100		
66	11.1	25.5	38.3#



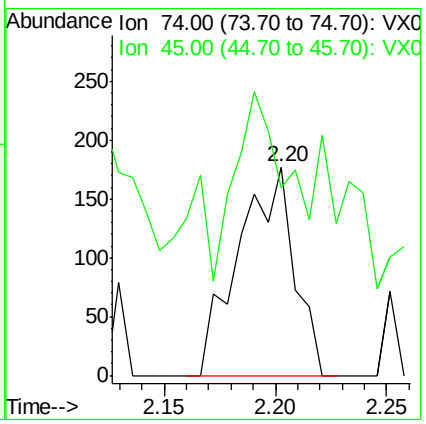


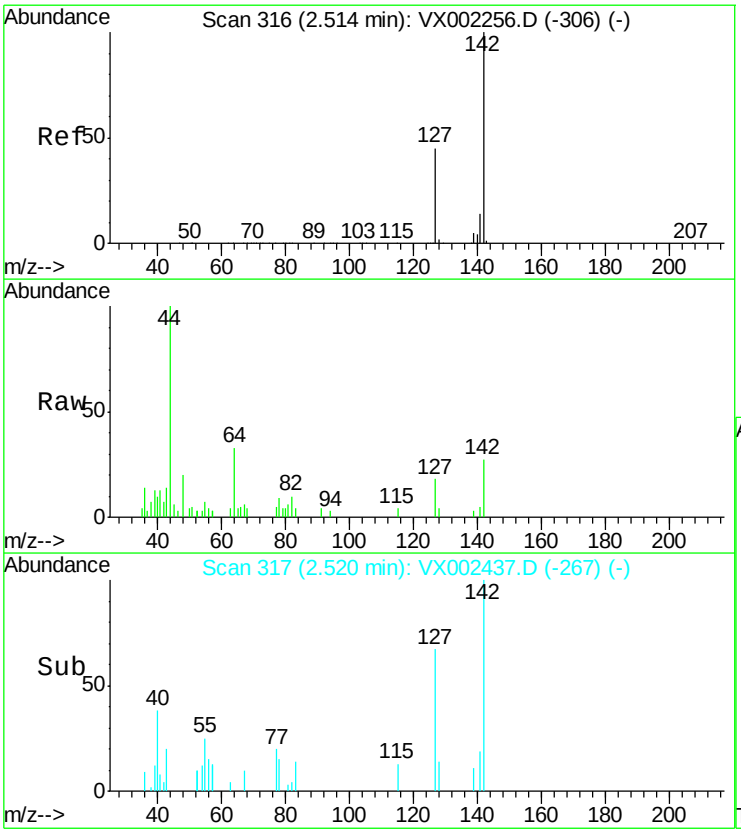
#8
Diethyl Ether
Concen: Below Cal
RT: 2.20 min Scan# 265
Delta R.T. 0.01 min
Lab File: VX002437.D
Acq: 11 Jun 2018 11:44

Instrument : MSVOA_X
ClientSampleId : VX0611WBL01

Tgt Ion: 74 Resp: 308

Ion	Ratio	Lower	Upper
74	100		
45	83.1	53.1	159.4

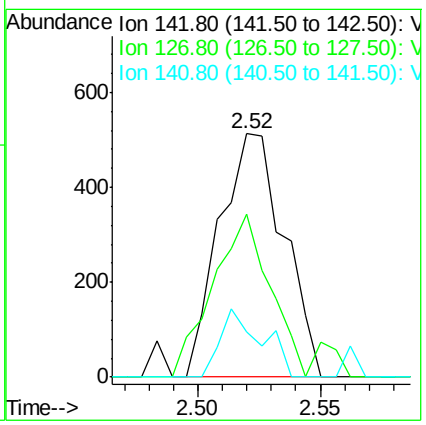


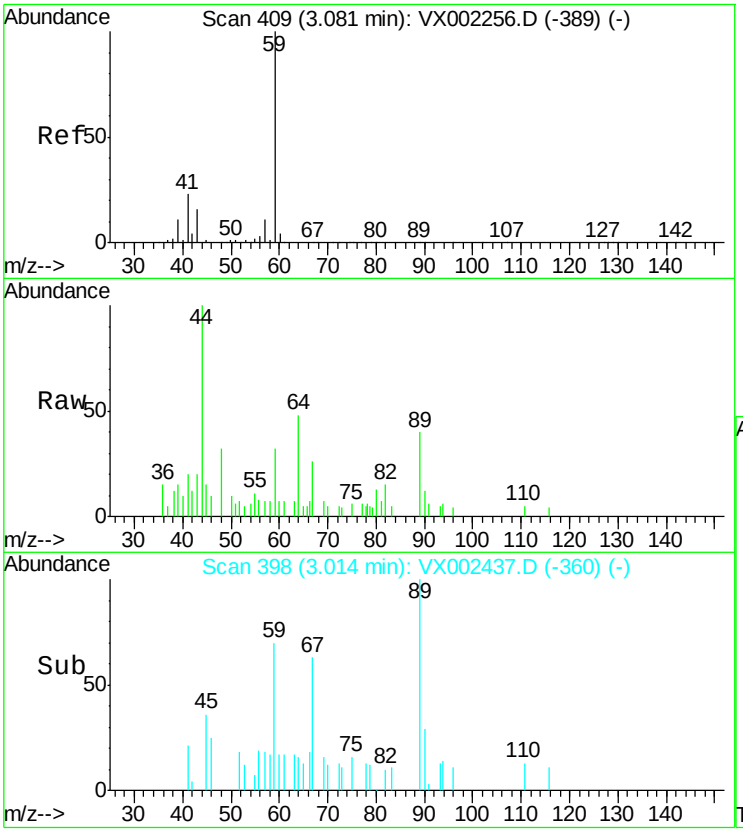


#10
Methyl Iodide
Concen: 0.24 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX002437.D
Acq: 11 Jun 2018 11:44

Tgt Ion:142 Resp: 943

Ion	Ratio	Lower	Upper
142	100		
127	59.1	36.6	55.0#
141	18.1	11.3	16.9#



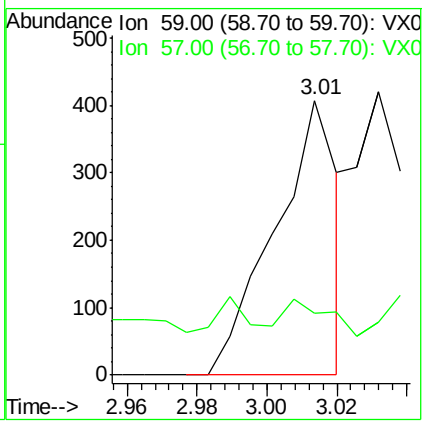


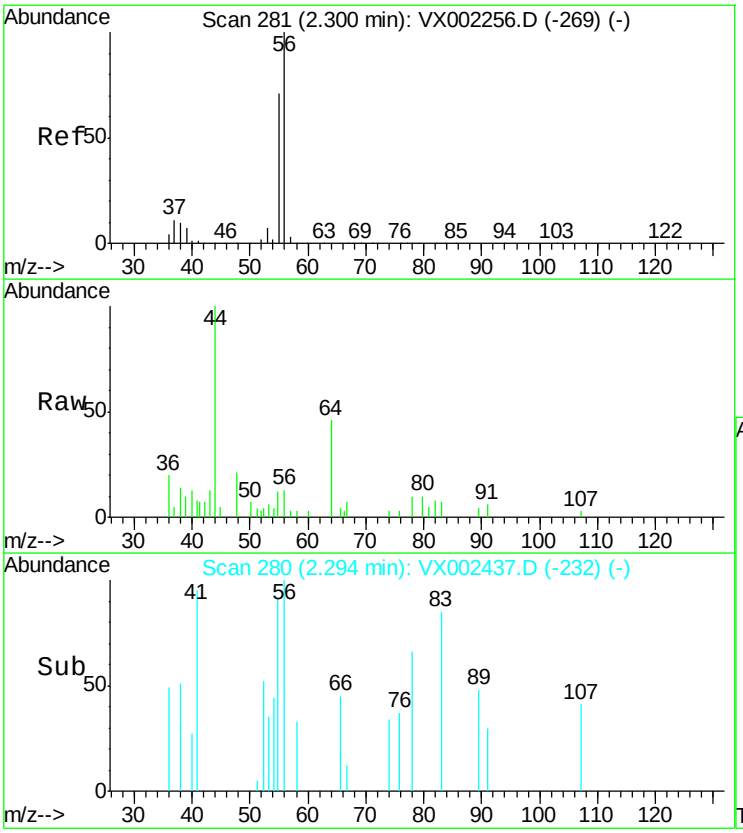
#11
Tert butyl alcohol
Concen: Below Cal
RT: 3.01 min Scan# 398
Delta R.T. -0.07 min
Lab File: VX002437.D
Acq: 11 Jun 2018 11:44

Instrument : MSVOA_X
ClientSampleId : VX0611WBL01

Tgt Ion: 59 Resp: 507

Ion	Ratio	Lower	Upper
59	100		
57	25.6	8.2	12.2#

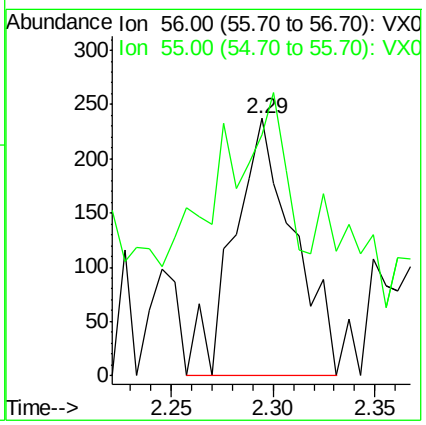


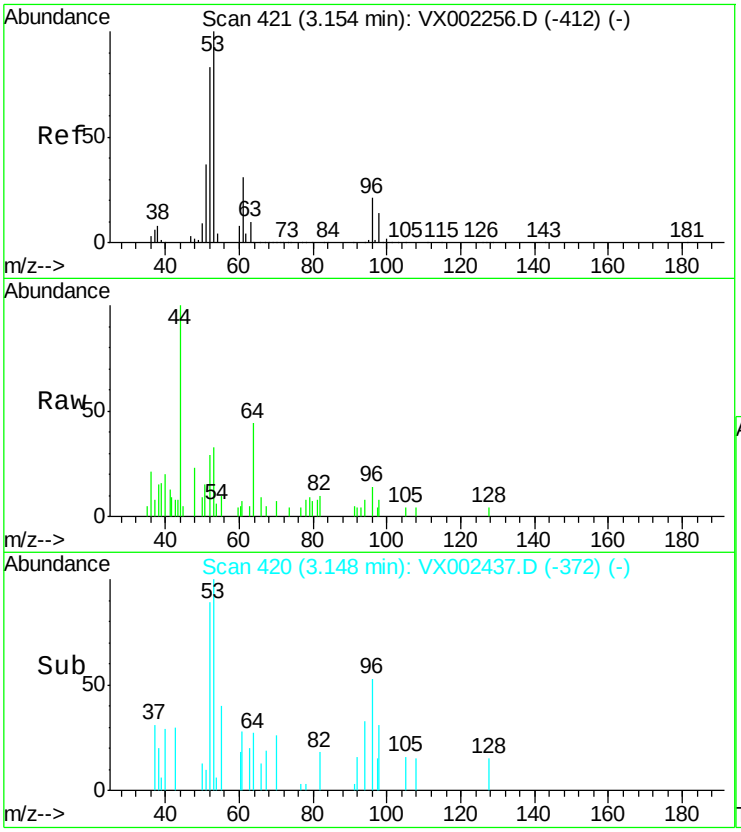


#13
Acrolein
Concen: Below Cal
RT: 2.29 min Scan# 280
Delta R.T. -0.01 min
Lab File: VX002437.D
Acq: 11 Jun 2018 11:44

Tgt Ion: 56 Resp: 487

Ion	Ratio	Lower	Upper
56	100		
55	71.5	57.0	85.4



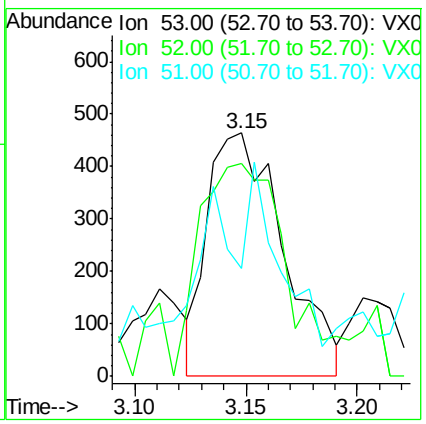


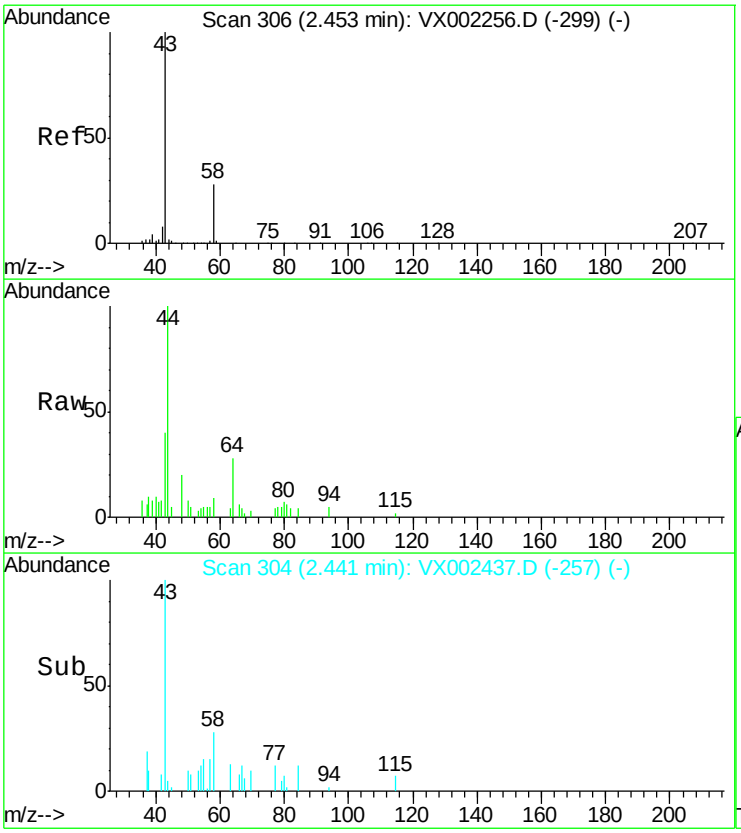
#15
Acrylonitrile
Concen: Below Cal
RT: 3.15 min Scan# 420
Delta R.T. -0.01 min
Lab File: VX002437.D
Acq: 11 Jun 2018 11:44

Instrument :
MSVOA_X
ClientSampleId :
VX0611WBL01

Tgt Ion: 53 Resp: 1103

Ion	Ratio	Lower	Upper
53	100		
52	101.9	66.7	100.1#
51	29.7	29.9	44.9#

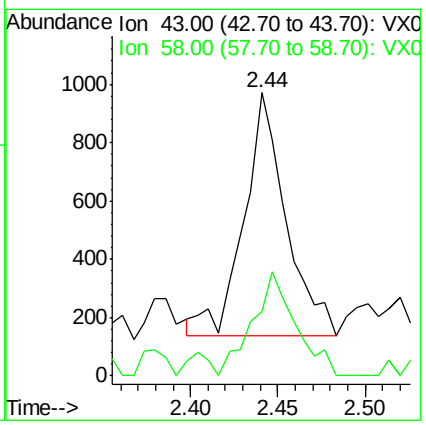


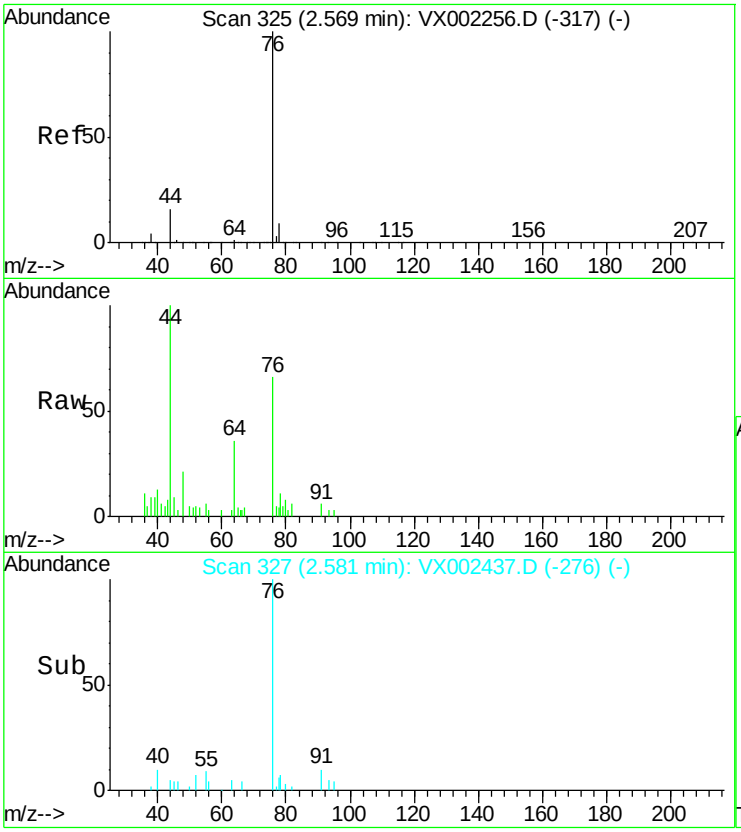


#16
Acetone
Concen: Below Cal
RT: 2.44 min Scan# 304
Delta R.T. -0.01 min
Lab File: VX002437.D
Acq: 11 Jun 2018 11:44

Tgt Ion: 43 Resp: 1393

Ion	Ratio	Lower	Upper
43	100		
58	26.8	22.1	33.1



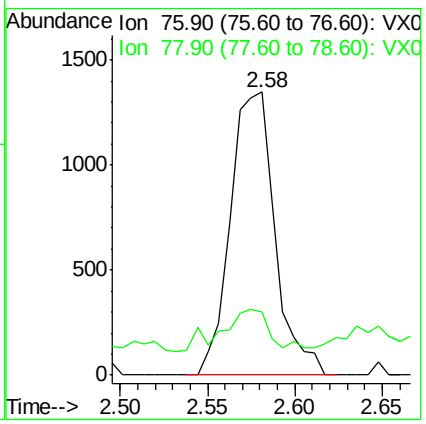


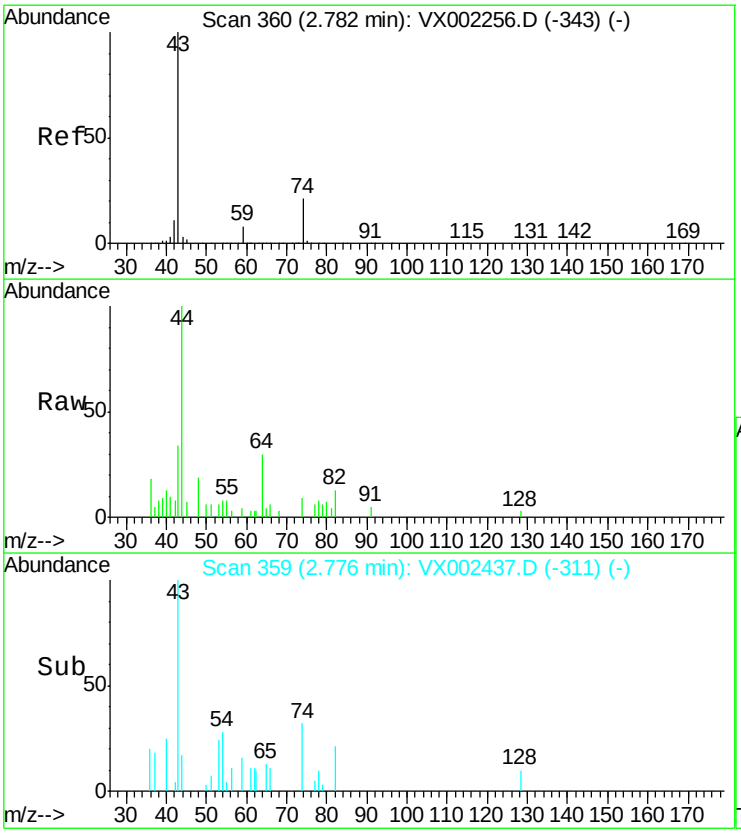
#17
Carbon Disulfide
Concen: 0.33 ug/l
RT: 2.58 min Scan# 327
Delta R.T. 0.01 min
Lab File: VX002437.D
Acq: 11 Jun 2018 11:44

Instrument : MSVOA_X
ClientSampleId : VX0611WBL01

Tgt Ion: 76 Resp: 2394

Ion	Ratio	Lower	Upper
76	100		
78	13.5	6.9	10.3#

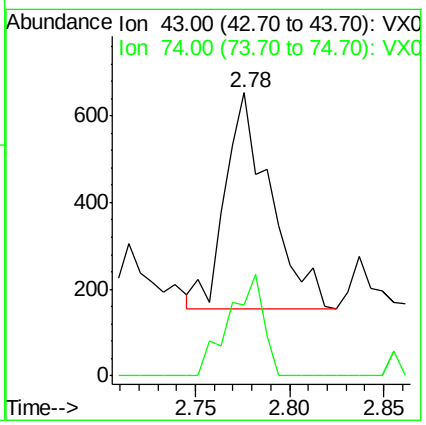


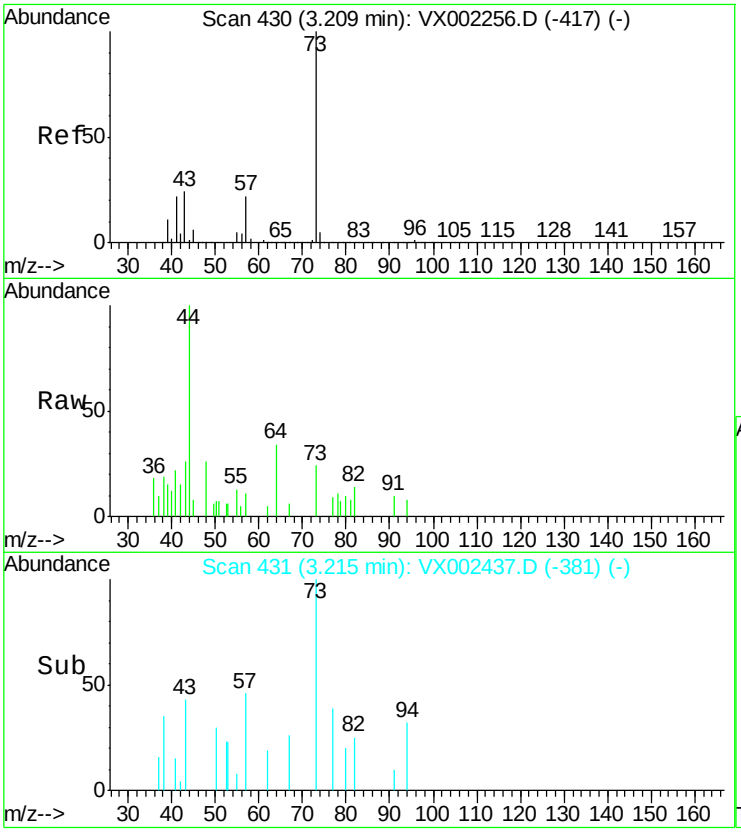


#18
Methyl Acetate
Concen: Below Cal
RT: 2.78 min Scan# 359
Delta R.T. -0.01 min
Lab File: VX002437.D
Acq: 11 Jun 2018 11:44

Tgt Ion: 43 Resp: 831

Ion	Ratio	Lower	Upper
43	100		
74	35.6	16.7	25.1#



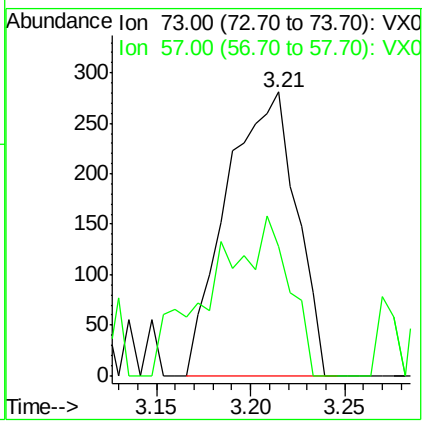


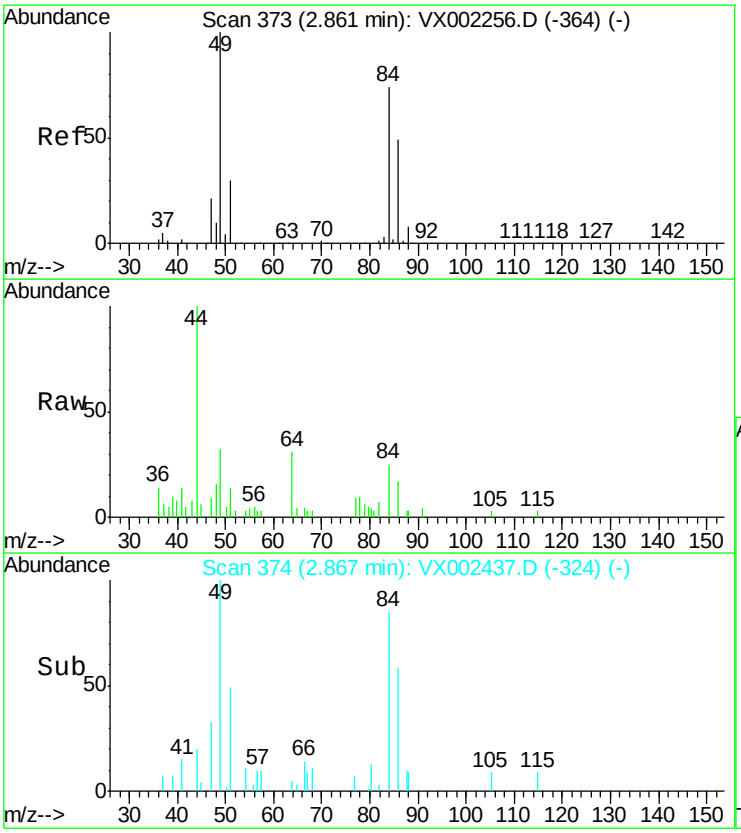
#19
Methyl tert-butyl Ether
Concen: Below Cal
RT: 3.21 min Scan# 431
Delta R.T. 0.01 min
Lab File: VX002437.D
Acq: 11 Jun 2018 11:44

Instrument : MSVOA_X
ClientSampleId : VX0611WBL01

Tgt Ion: 73 Resp: 723

Ion	Ratio	Lower	Upper
73	100		
57	45.6	17.7	26.5#

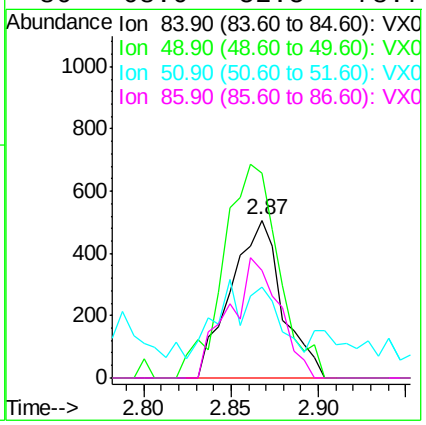


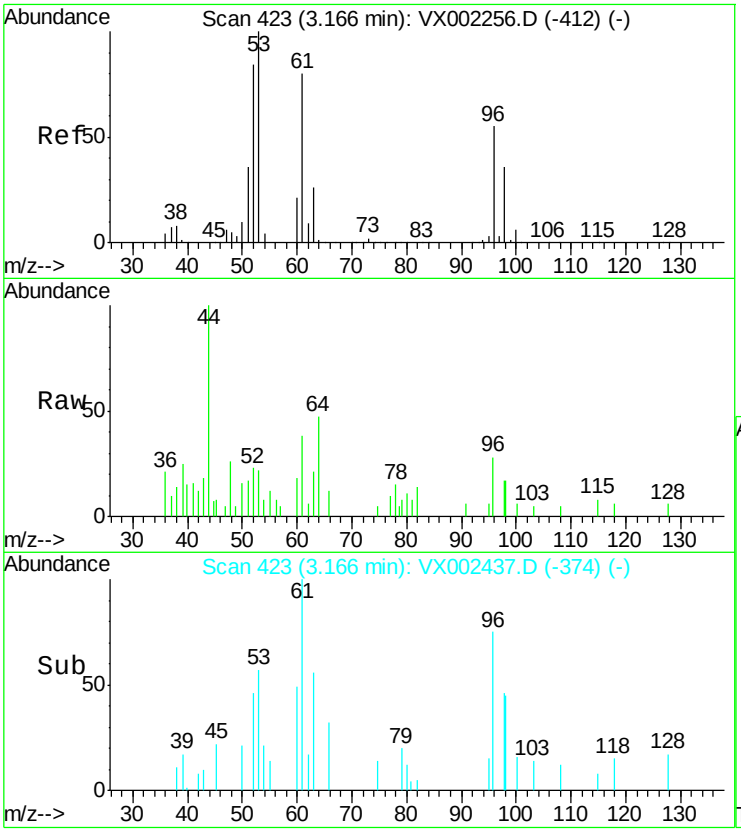


#20
Methylene Chloride
Concen: Below Cal
RT: 2.87 min Scan# 374
Delta R.T. 0.01 min
Lab File: VX002437.D
Acq: 11 Jun 2018 11:44

Tgt Ion: 84 Resp: 1035

Ion	Ratio	Lower	Upper
84	100		
49	129.6	107.8	161.6
51	45.3	32.8	49.2
86	68.0	52.5	78.7



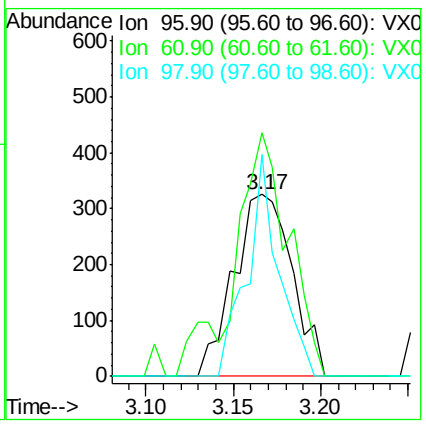


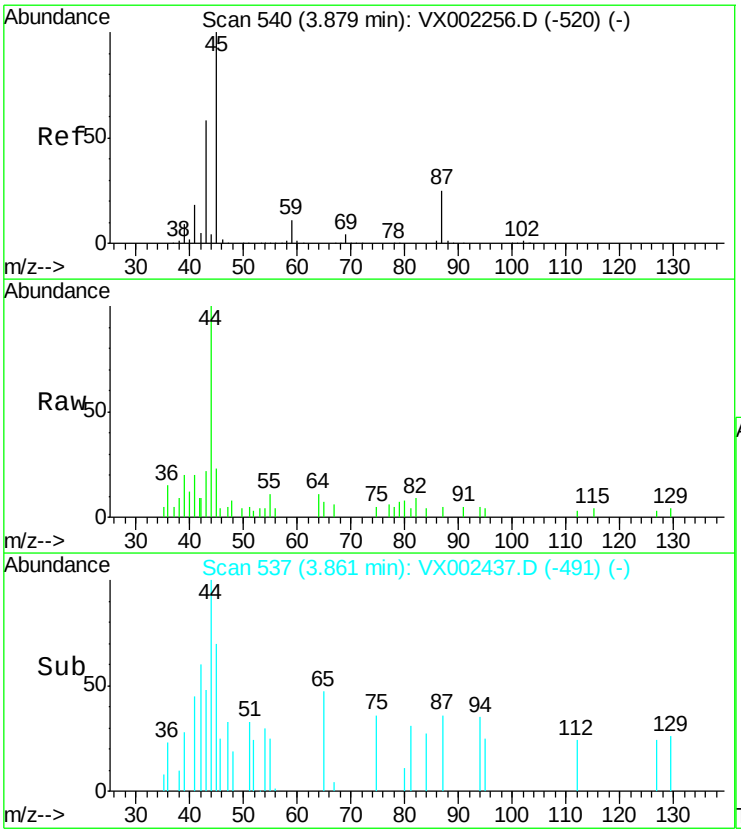
#21
trans-1,2-Dichloroethene
Concen: 0.25 ug/l
RT: 3.17 min Scan# 423
Delta R.T. -0.00 min
Lab File: VX002437.D
Acq: 11 Jun 2018 11:44

Instrument :
MSVOA_X
ClientSampleId :
VX0611WBL01

Tgt Ion: 96 Resp: 752

Ion	Ratio	Lower	Upper
96	100		
61	134.2	117.0	175.4
98	122.5	52.4	78.6#

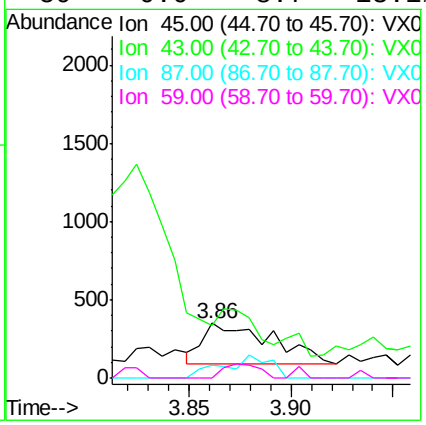


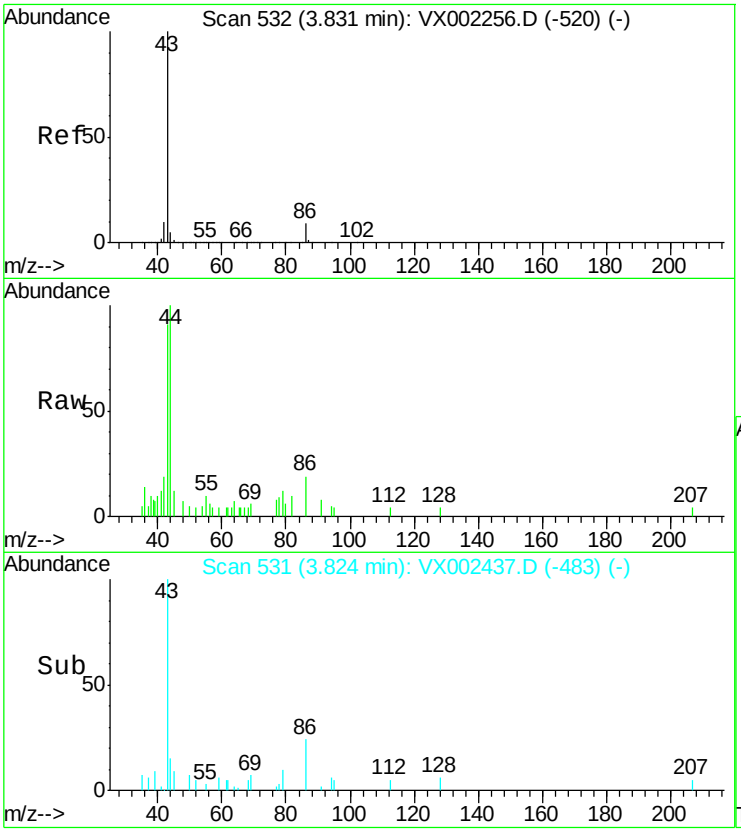


#22
Diisopropyl ether
Concen: Below Cal
RT: 3.86 min Scan# 537
Delta R.T. -0.02 min
Lab File: VX002437.D
Acq: 11 Jun 2018 11:44

Tgt Ion: 45 Resp: 619

Ion	Ratio	Lower	Upper
45	100		
43	39.6	46.8	70.2#
87	24.7	20.2	30.4
59	0.0	8.7	13.1#



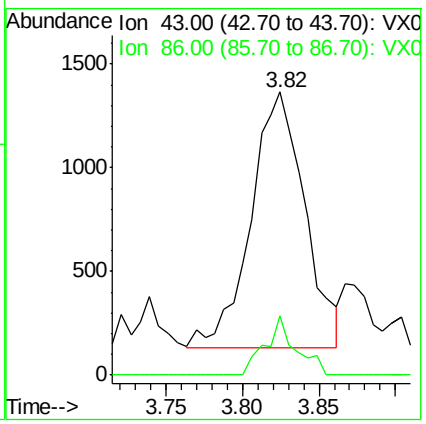


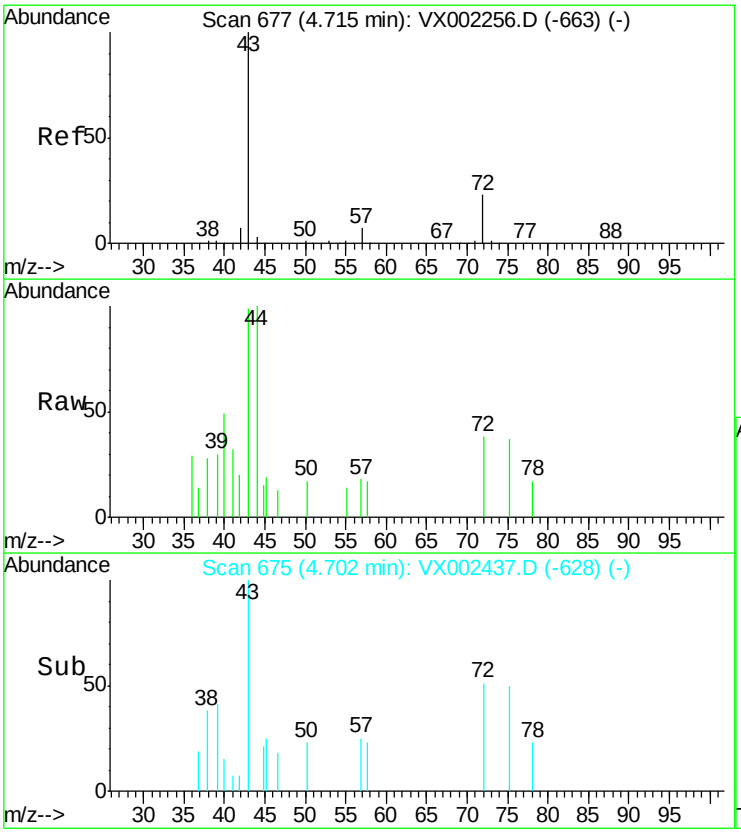
#23
Vinyl Acetate
Concen: 0.31 ug/l
RT: 3.82 min Scan# 531
Delta R.T. -0.01 min
Lab File: VX002437.D
Acq: 11 Jun 2018 11:44

Instrument : MSVOA_X
ClientSampleId : VX0611WBL01

Tgt Ion: 43 Resp: 3034

Ion	Ratio	Lower	Upper
43	100		
86	23.3	7.4	11.0#

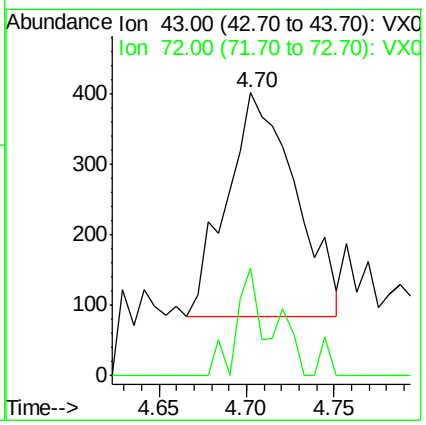


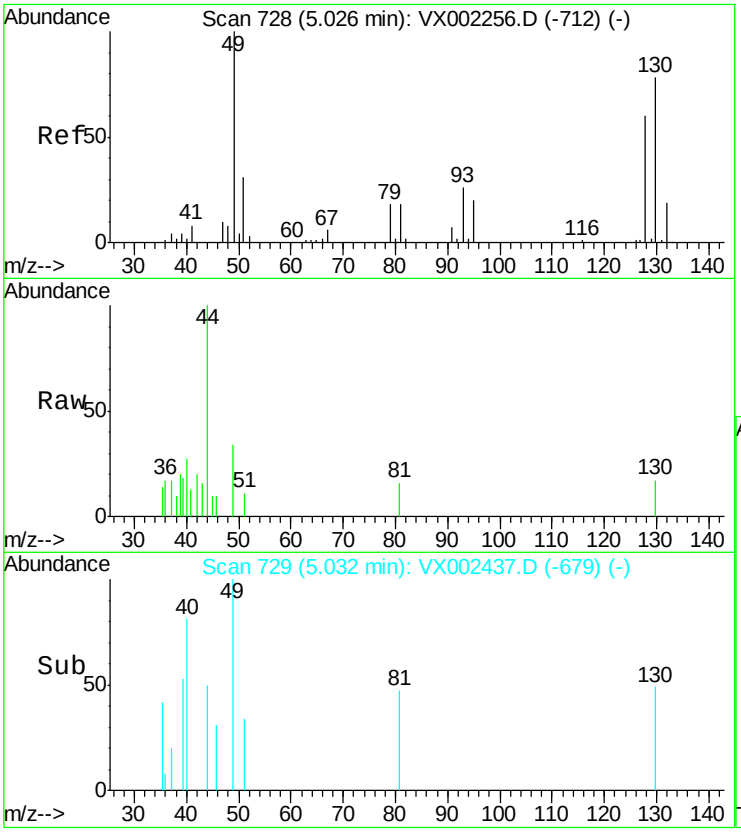


#25
2-Butanone
Concen: 0.34 ug/l
RT: 4.70 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX002437.D
Acq: 11 Jun 2018 11:44

Tgt Ion: 43 Resp: 867

Ion	Ratio	Lower	Upper
43	100		
72	48.1	18.5	27.7#



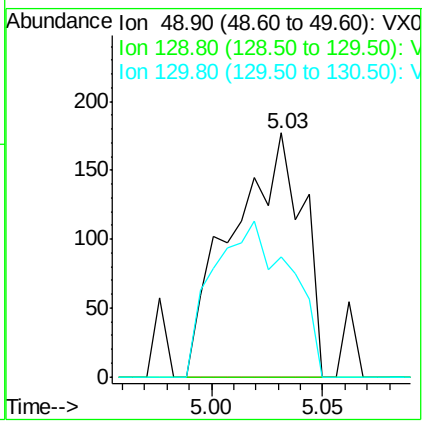


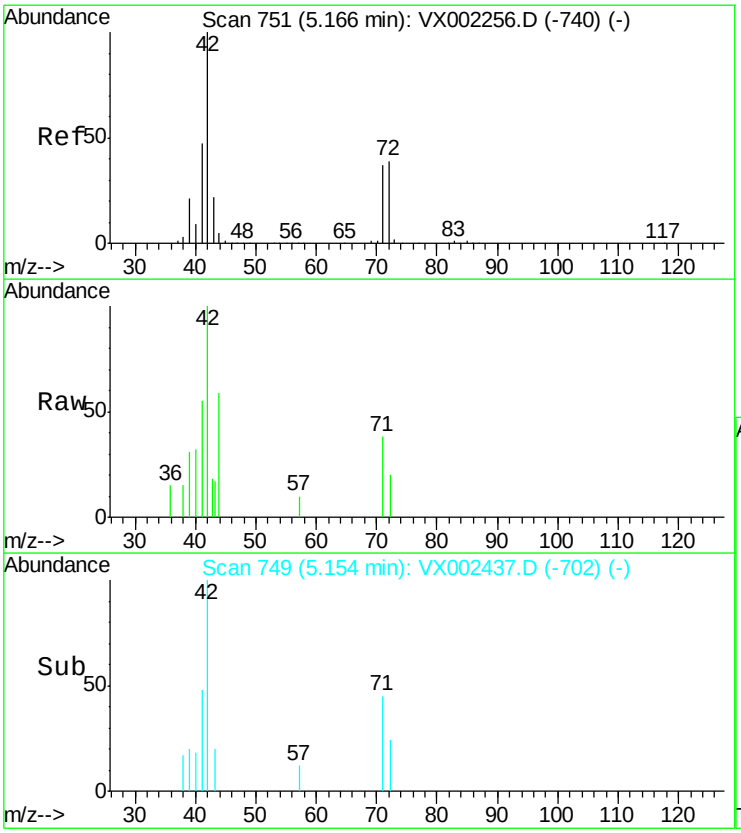
#28
Bromochloromethane
Concen: Below Cal
RT: 5.03 min Scan# 729
Delta R.T. 0.01 min
Lab File: VX002437.D
Acq: 11 Jun 2018 11:44

Instrument : MSVOA_X
ClientSampleId : VX0611WBL01

Tgt Ion: 49 Resp: 389

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.2
130	69.7	61.2	91.8

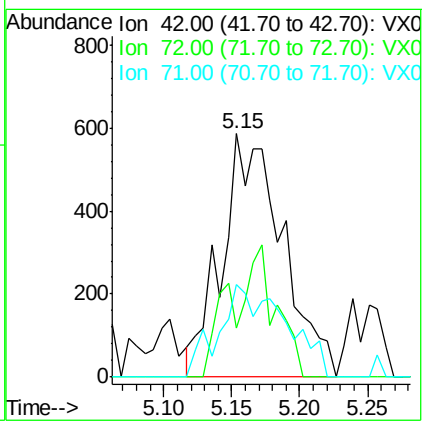


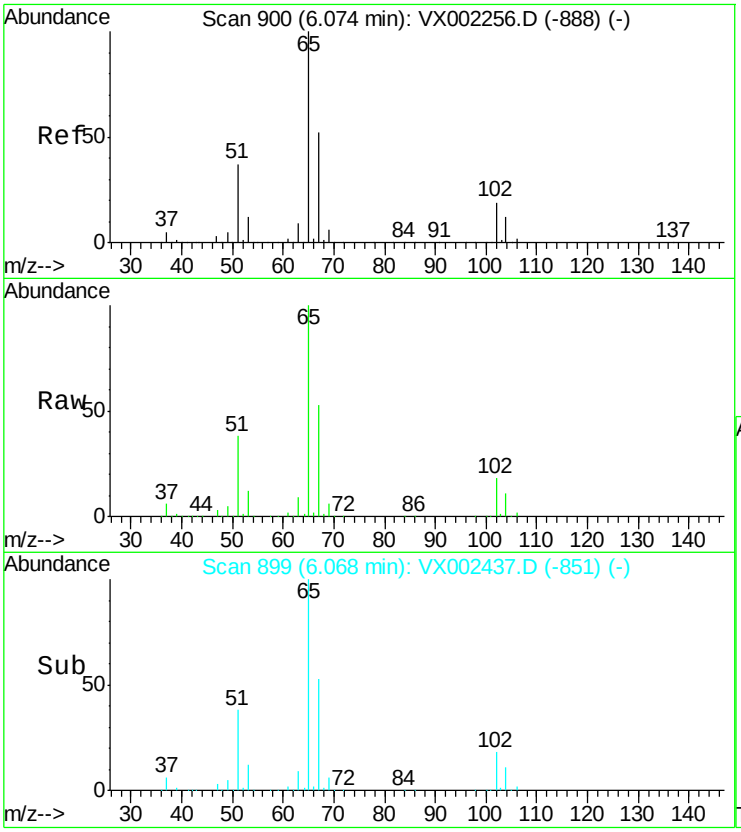


#29
Tetrahydrofuran
Concen: 1.11 ug/l
RT: 5.15 min Scan# 749
Delta R.T. -0.01 min
Lab File: VX002437.D
Acq: 11 Jun 2018 11:44

Tgt Ion: 42 Resp: 1818

Ion	Ratio	Lower	Upper
42	100		
72	13.1	32.0	48.0#
71	21.1	30.1	45.1#



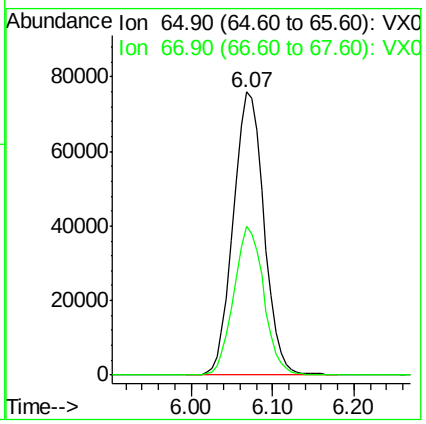


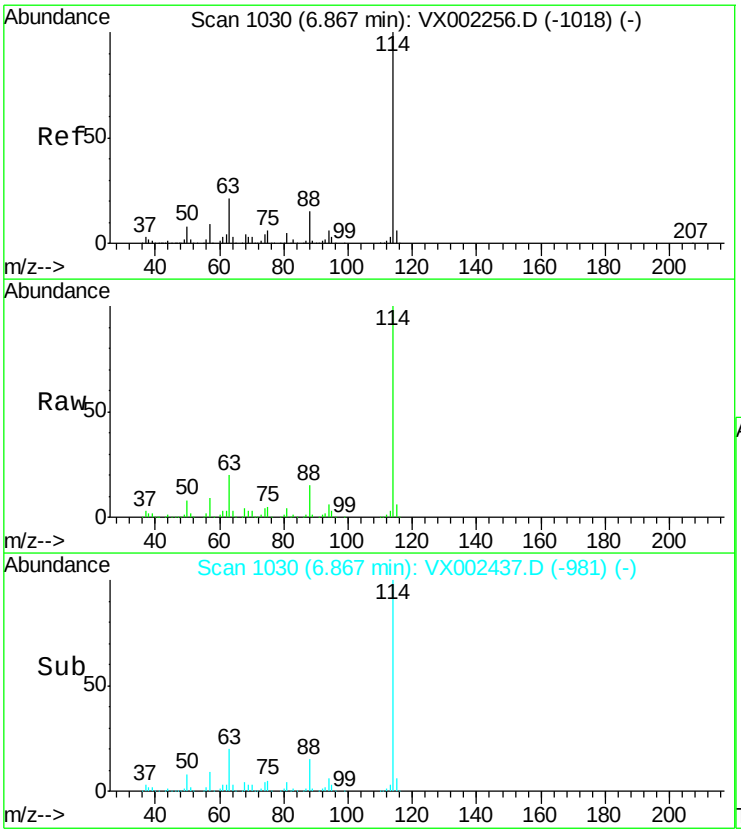
#33
1,2-Dichloroethane-d4
Concen: 53.64 ug/l
RT: 6.07 min Scan# 899
Delta R.T. -0.01 min
Lab File: VX002437.D
Acq: 11 Jun 2018 11:44

Instrument : MSVOA_X
ClientSampleId : VX0611WBL01

Tgt Ion: 65 Resp: 198019

Ion	Ratio	Lower	Upper
65	100		
67	51.3	0.0	102.6

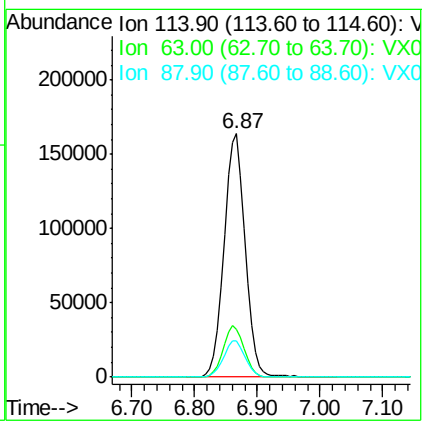


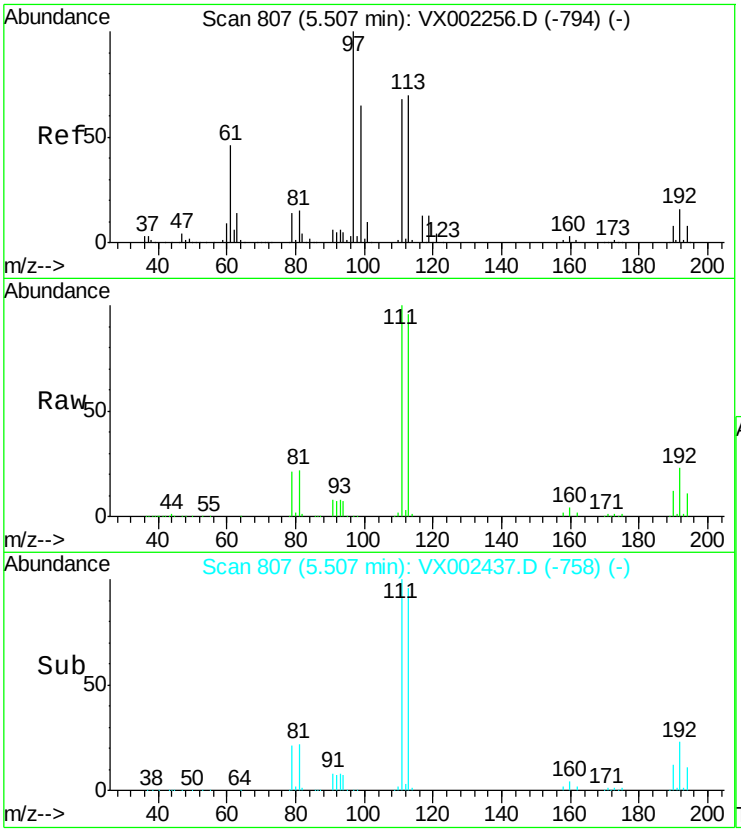


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VX002437.D
Acq: 11 Jun 2018 11:44

Tgt Ion:114 Resp: 381004

Ion	Ratio	Lower	Upper
114	100		
63	19.7	0.0	41.4
88	15.0	0.0	30.0



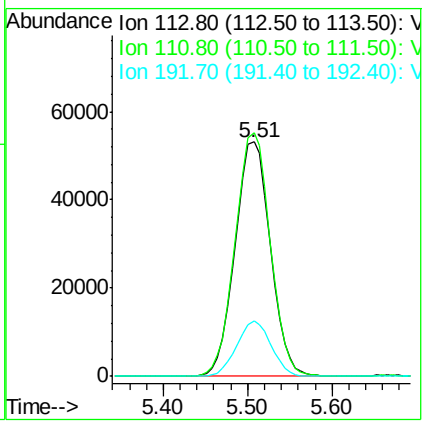


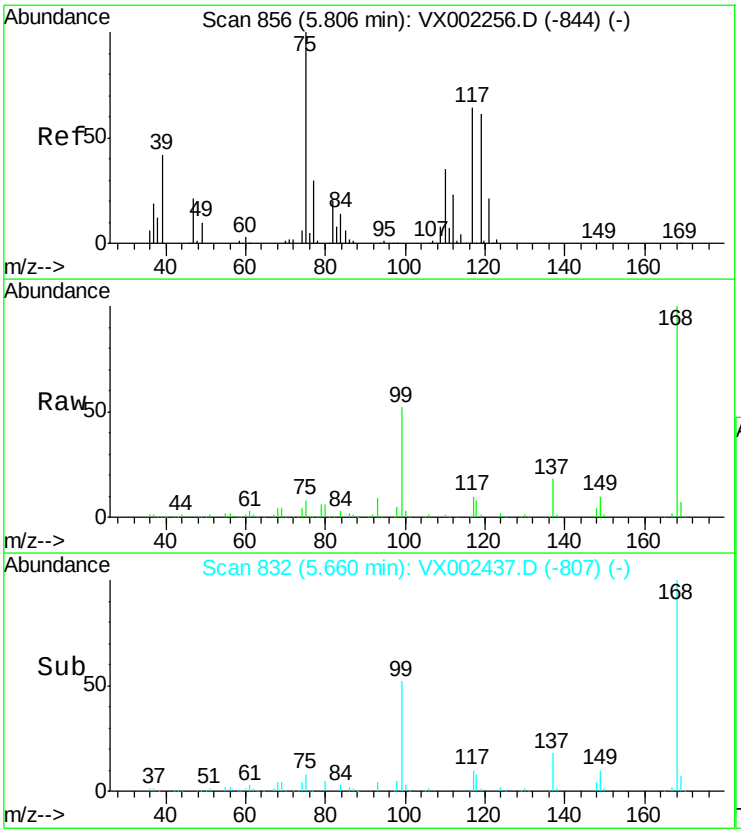
#35
Dibromofluoromethane
Concen: 50.54 ug/l
RT: 5.51 min Scan# 807
Delta R.T. -0.00 min
Lab File: VX002437.D
Acq: 11 Jun 2018 11:44

Instrument :
MSVOA_X
ClientSampleId :
VX0611WBL01

Tgt Ion:113 Resp: 151432

Ion	Ratio	Lower	Upper
113	100		
111	103.2	81.4	122.0
192	23.1	19.1	28.7

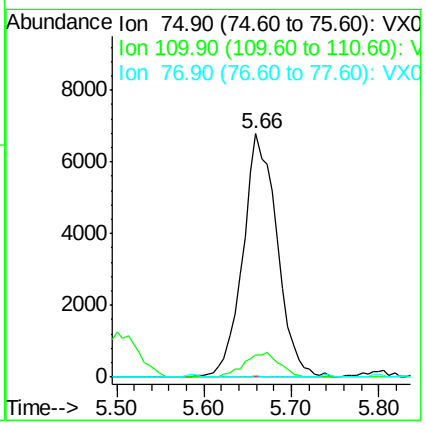


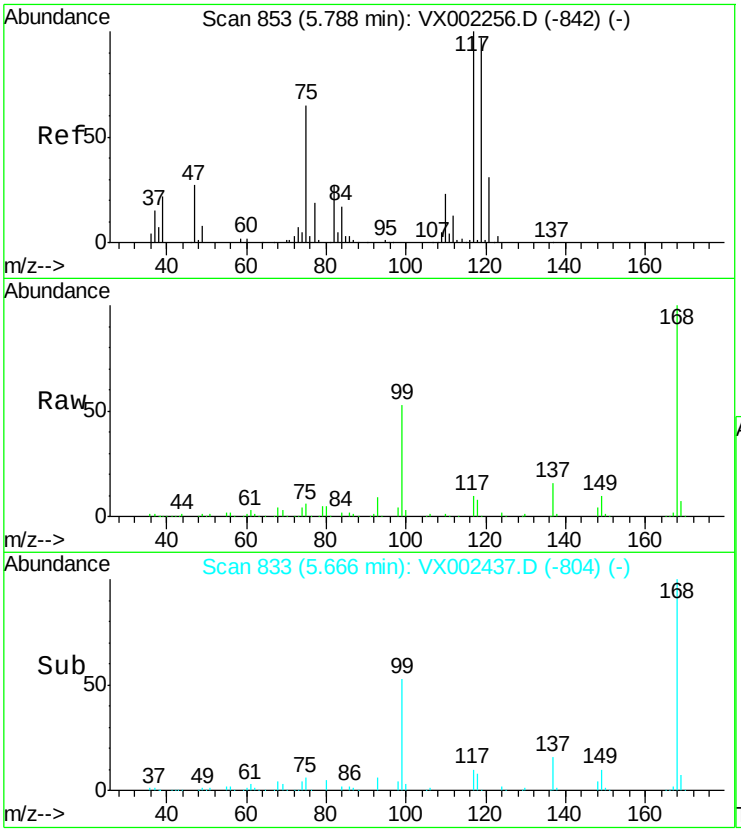


#36
1,1-Dichloropropene
Concen: 4.60 ug/l
RT: 5.66 min Scan# 832
Delta R.T. -0.15 min
Lab File: VX002437.D
Acq: 11 Jun 2018 11:44

Tgt Ion: 75 Resp: 18441

Ion	Ratio	Lower	Upper
75	100		
110	10.2	18.1	54.4#
77	0.1	24.3	36.5#



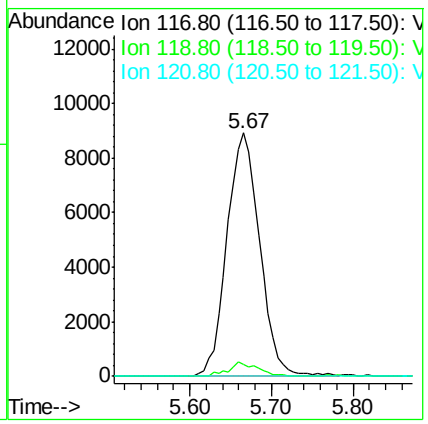


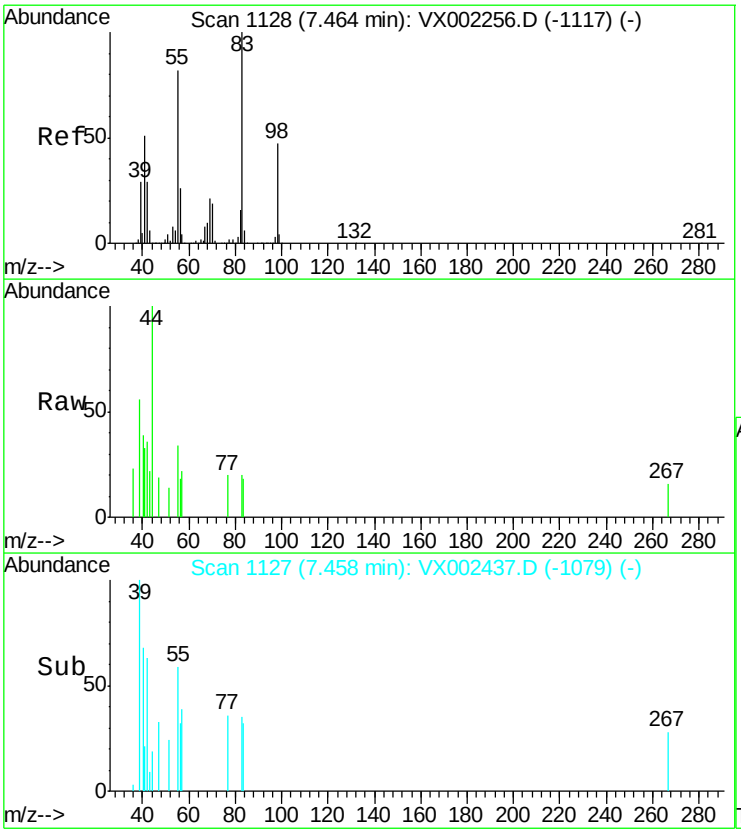
#38
Carbon Tetrachloride
Concen: 5.91 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.12 min
Lab File: VX002437.D
Acq: 11 Jun 2018 11:44

Instrument : MSVOA_X
ClientSampleId : VX0611WBL01

Tgt Ion:117 Resp: 24746

Ion	Ratio	Lower	Upper
117	100		
119	4.9	77.4	116.0#
121	0.0	24.4	36.6#

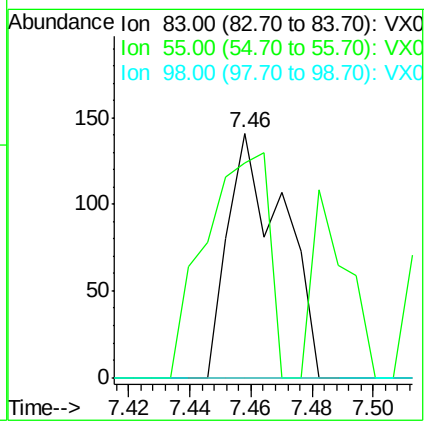


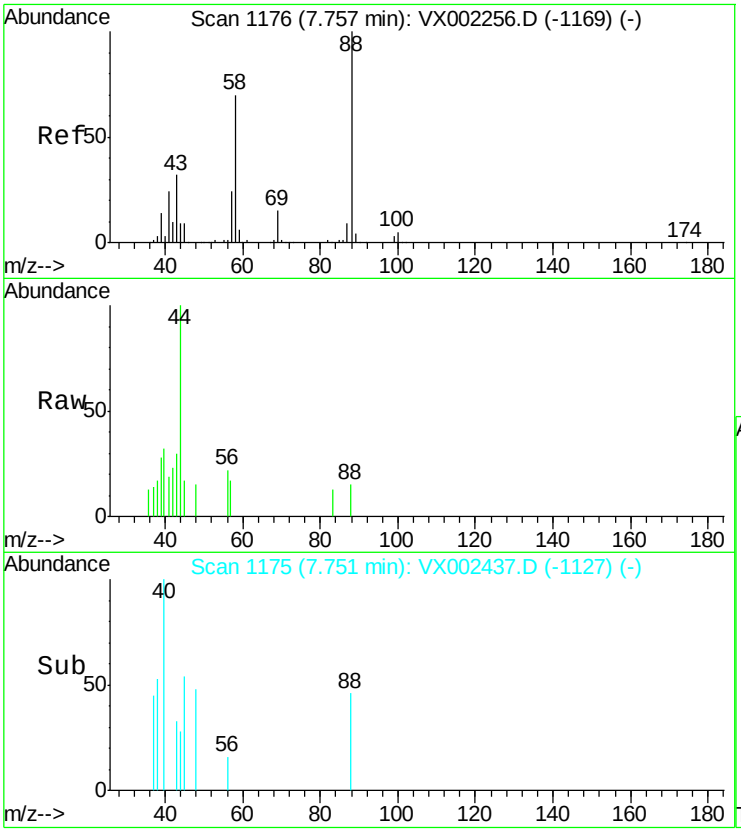


#39
Methylcyclohexane
Concen: 0.30 ug/l
RT: 7.46 min Scan# 1127
Delta R.T. -0.01 min
Lab File: VX002437.D
Acq: 11 Jun 2018 11:44

Tgt Ion: 83 Resp: 176

Ion	Ratio	Lower	Upper
83	100		
55	42.6	65.4	98.0#
98	0.0	37.4	56.0#



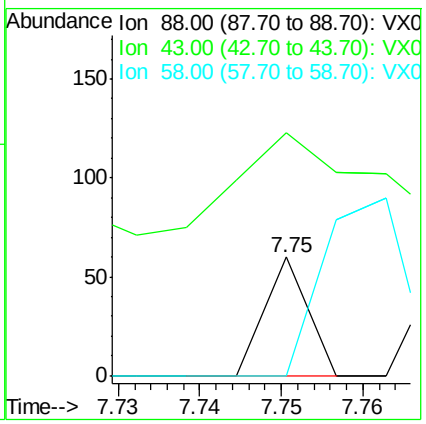


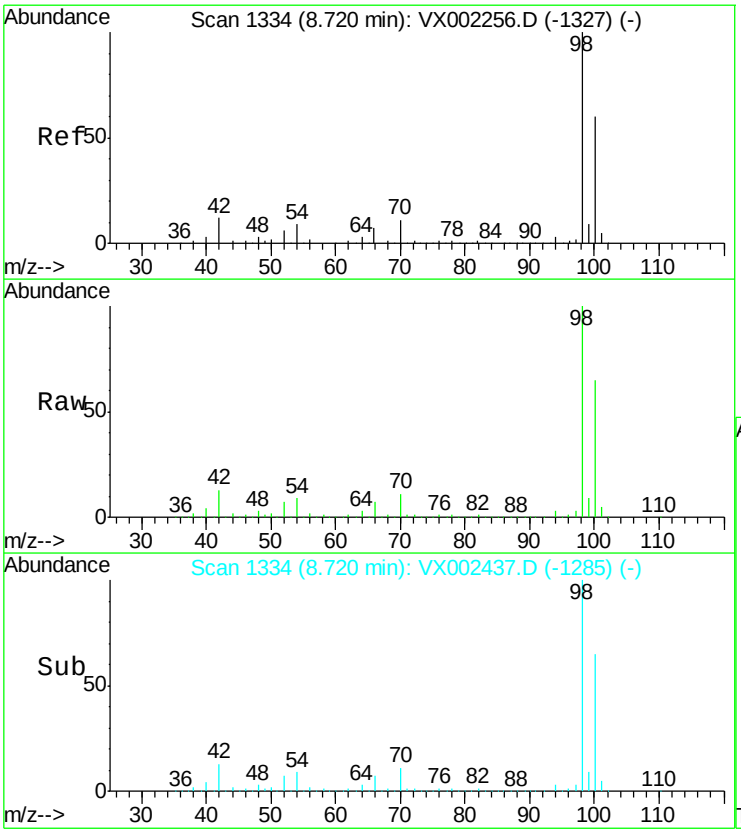
#49
1,4-Dioxane
Concen: 0.29 ug/l
RT: 7.75 min Scan# 1175
Delta R.T. -0.01 min
Lab File: VX002437.D
Acq: 11 Jun 2018 11:44

Instrument :
MSVOA_X
ClientSampleId :
VX0611WBL01

Tgt Ion: 88 Resp: 22

Ion	Ratio	Lower	Upper
88	100		
43	977.3	29.8	44.6#
58	281.8	57.1	85.7#

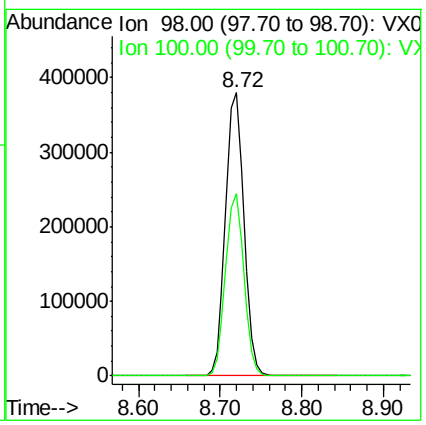


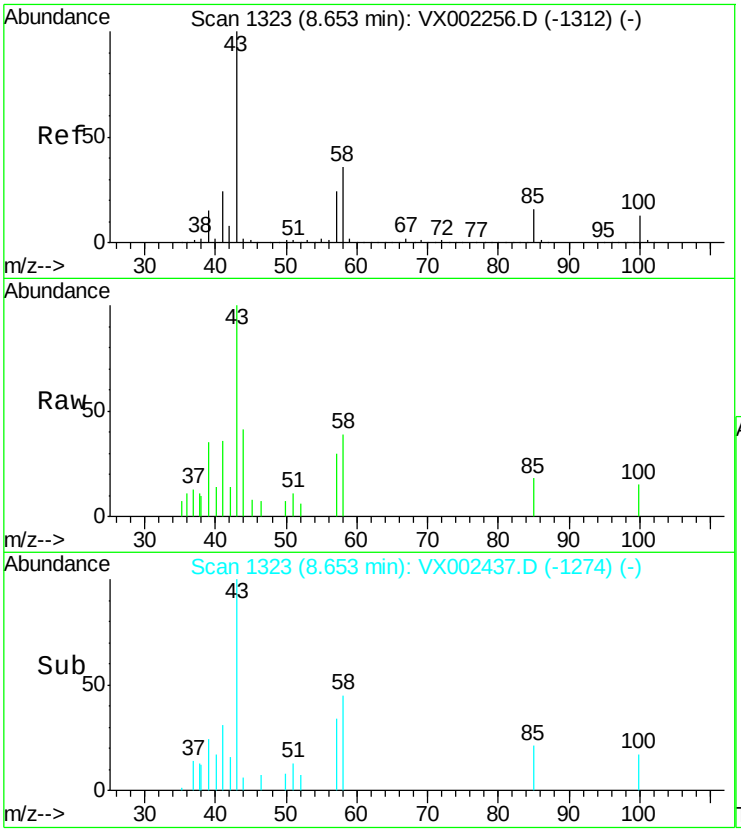


#50
Toluene-d8
Concen: 51.65 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX002437.D
Acq: 11 Jun 2018 11:44

Tgt Ion: 98 Resp: 593144

Ion	Ratio	Lower	Upper
98	100		
100	64.0	50.9	76.3



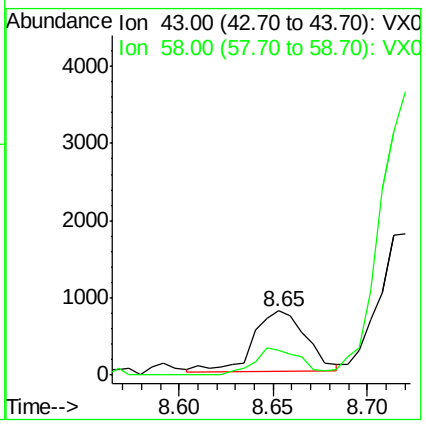


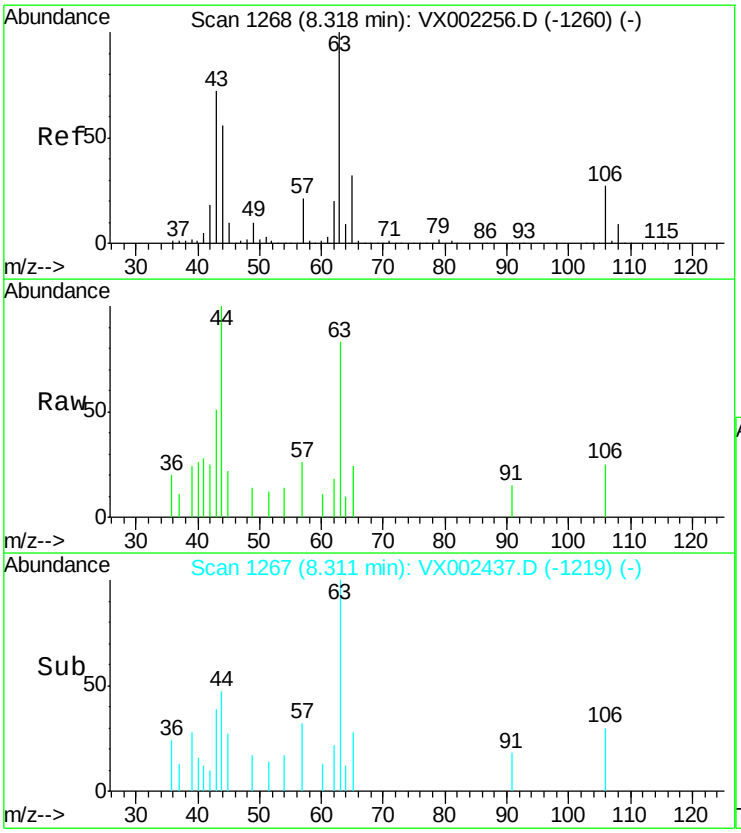
#51
4-Methyl-2-Pentanone
Concen: 0.30 ug/l
RT: 8.65 min Scan# 1323
Delta R.T. -0.00 min
Lab File: VX002437.D
Acq: 11 Jun 2018 11:44

Instrument : MSVOA_X
ClientSampleId : VX0611WBL01

Tgt Ion: 43 Resp: 1516

Ion	Ratio	Lower	Upper
43	100		
58	39.7	28.6	42.8

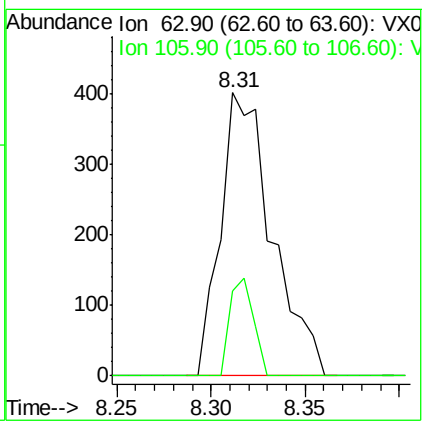


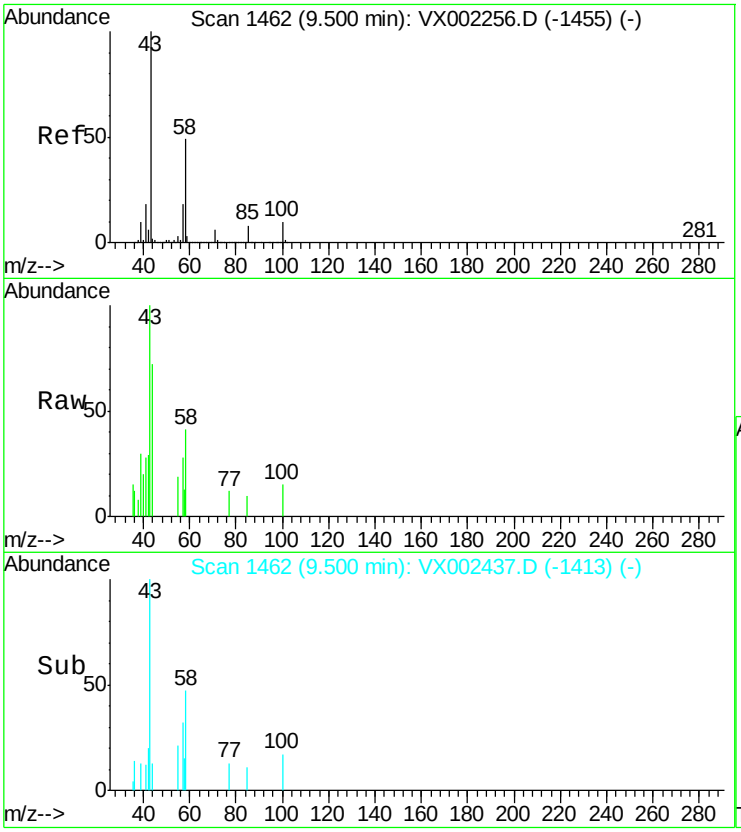


#58
2-Chloroethyl Vinyl ether
Concen: 0.32 ug/l
RT: 8.31 min Scan# 1267
Delta R.T. -0.01 min
Lab File: VX002437.D
Acq: 11 Jun 2018 11:44

Tgt Ion: 63 Resp: 758

Ion	Ratio	Lower	Upper
63	100		
106	15.8	21.8	32.8#



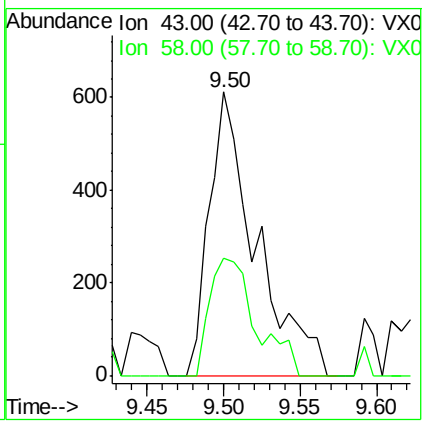


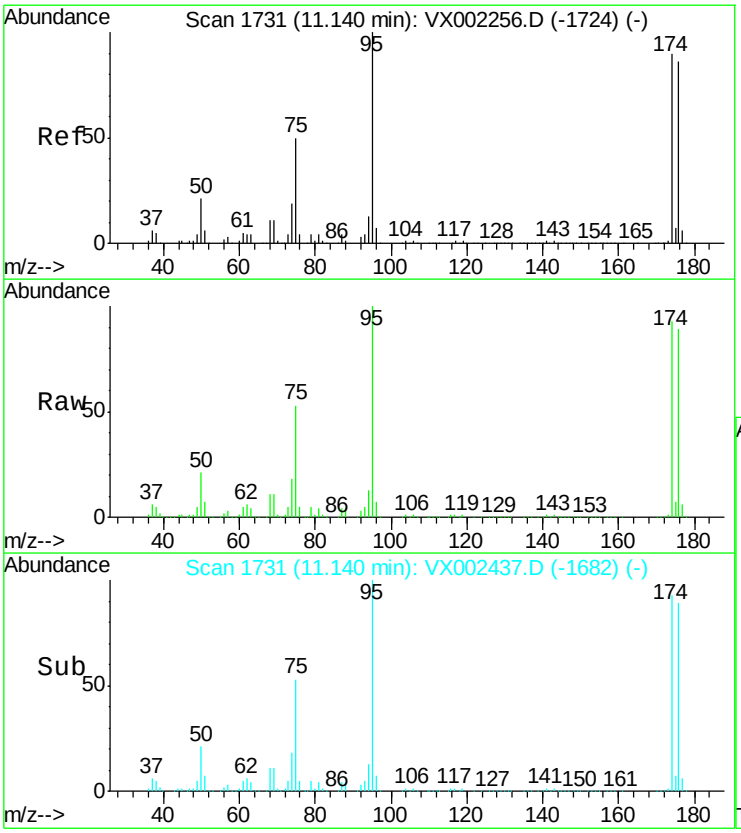
#59
2-Hexanone
Concen: 0.33 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX002437.D
Acq: 11 Jun 2018 11:44

Instrument :
MSVOA_X
ClientSampleId :
VX0611WBL01

Tgt Ion: 43 Resp: 1298

Ion	Ratio	Lower	Upper
43	100		
58	41.2	24.6	73.6

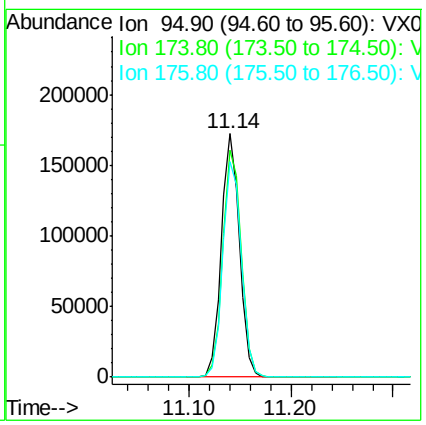


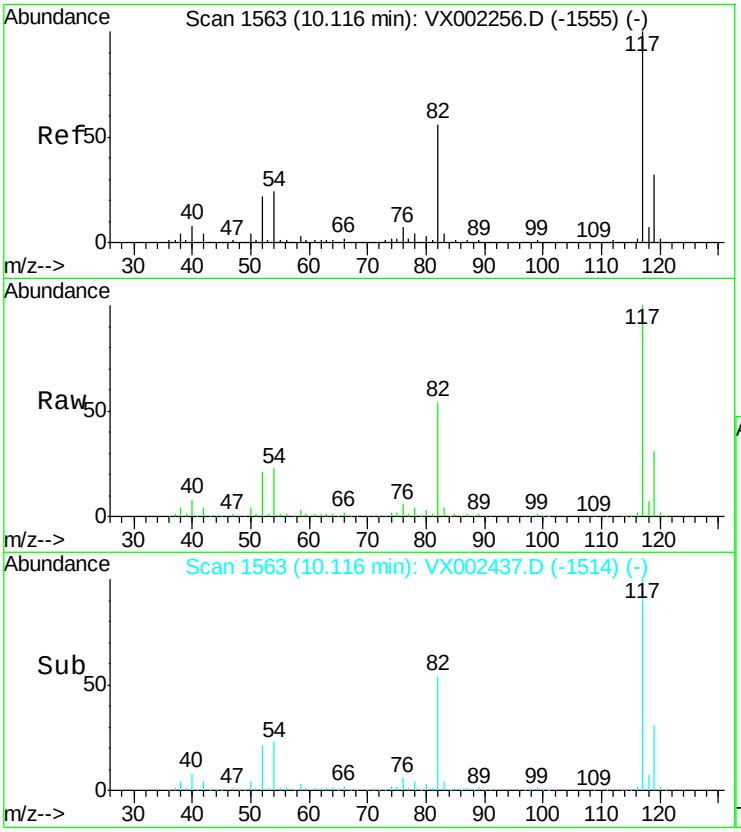


#62
4-Bromofluorobenzene
Concen: 47.94 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX002437.D
Acq: 11 Jun 2018 11:44

Tgt Ion: 95 Resp: 212293

Ion	Ratio	Lower	Upper
95	100		
174	95.1	0.0	187.4
176	90.9	0.0	181.0



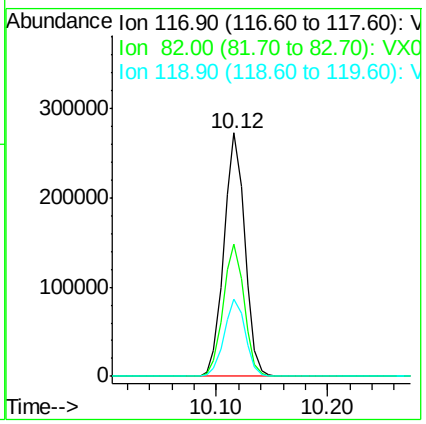


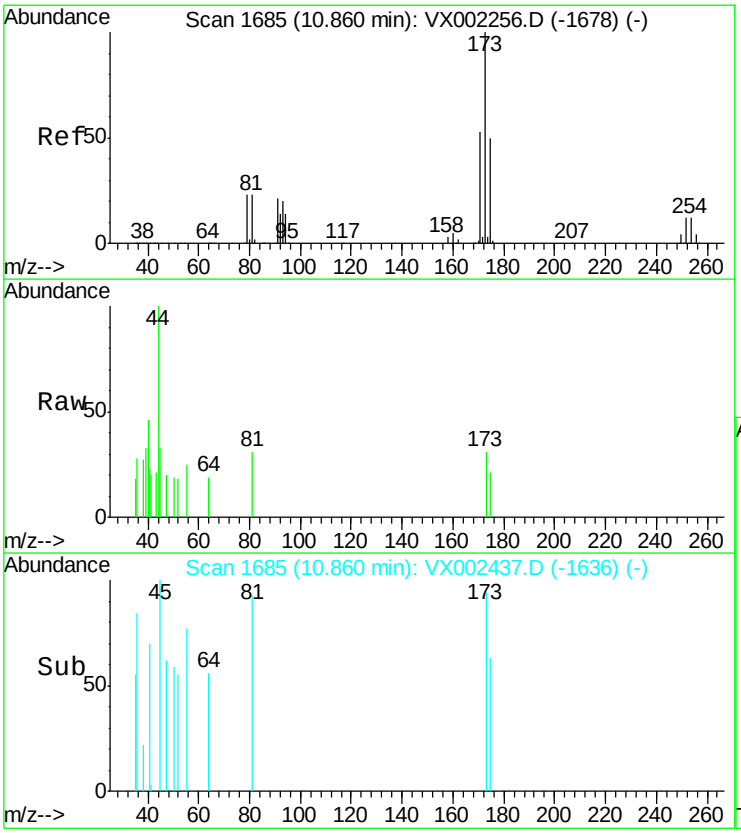
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002437.D
Acq: 11 Jun 2018 11:44

Instrument : MSVOA_X
ClientSampleId : VX0611WBL01

Tgt Ion:117 Resp: 353438

Ion	Ratio	Lower	Upper
117	100		
82	54.2	45.0	67.4
119	31.5	25.8	38.6

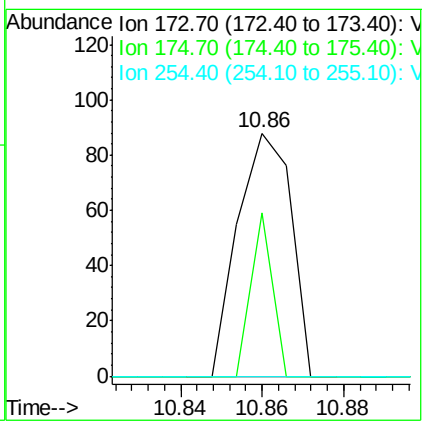


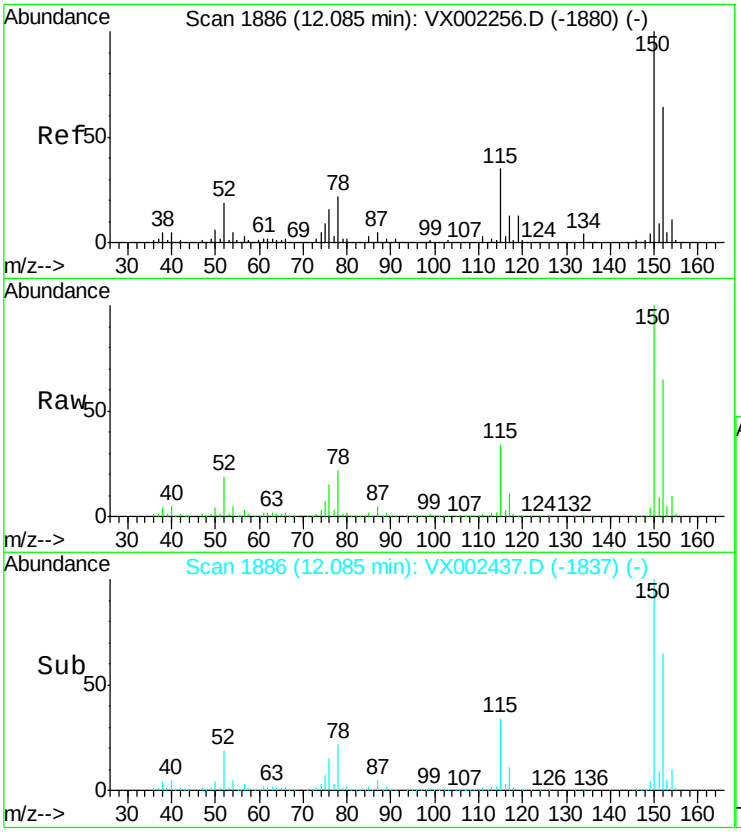


#71
Bromoform
Concen: 3.48 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX002437.D
Acq: 11 Jun 2018 11:44

Tgt Ion:173 Resp: 80

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



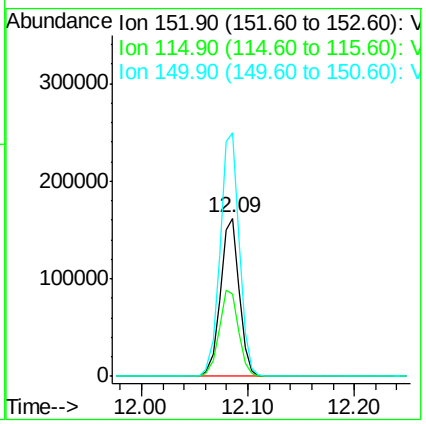


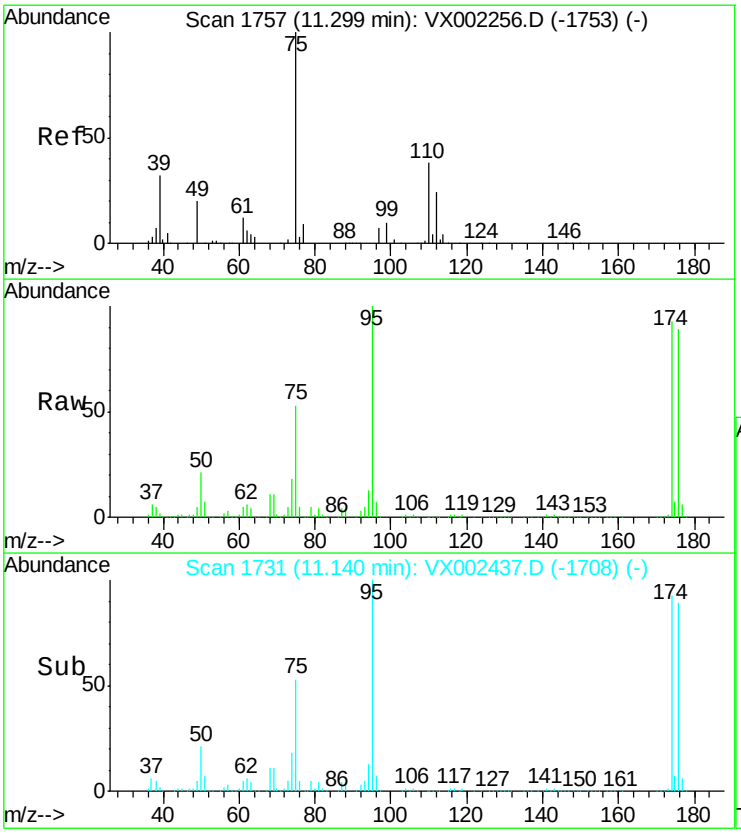
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX002437.D
Acq: 11 Jun 2018 11:44

Instrument : MSVOA_X
ClientSampleId : VX0611WBL01

Tgt Ion:152 Resp: 198725

Ion	Ratio	Lower	Upper
152	100		
115	55.9	40.1	120.2
150	157.3	0.0	347.2

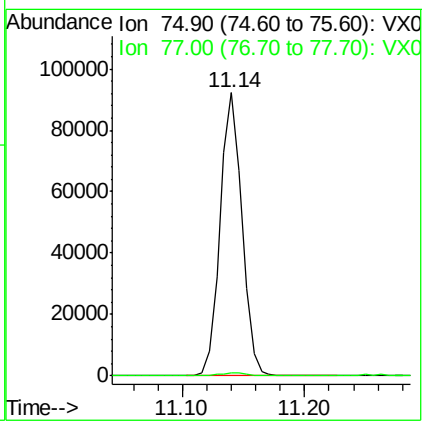


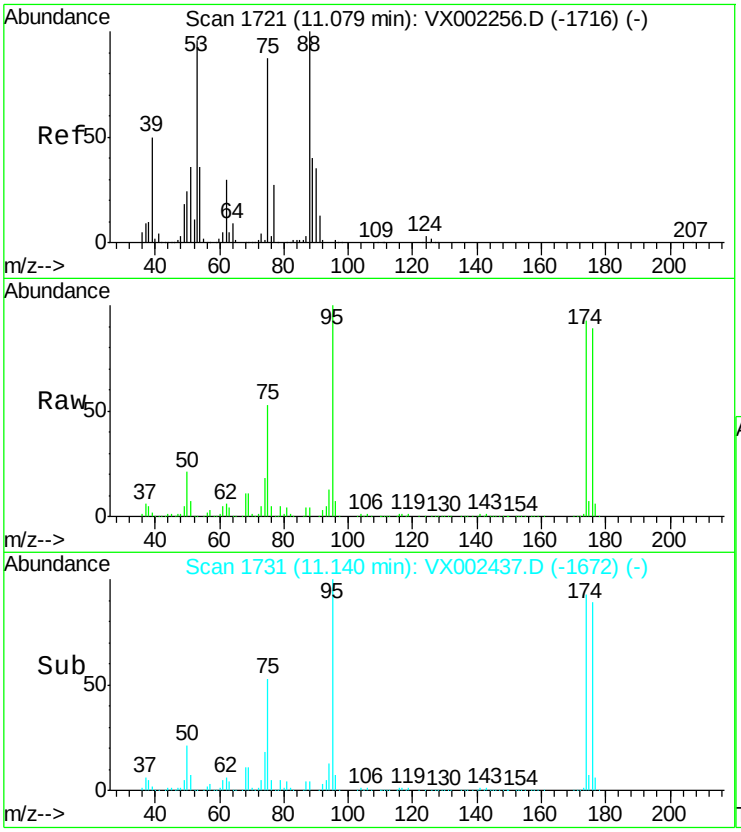


#76
1,2,3-Trichloropropane
Concen: 26.16 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.16 min
Lab File: VX002437.D
Acq: 11 Jun 2018 11:44

Tgt Ion: 75 Resp: 114089

Ion	Ratio	Lower	Upper
75	100		
77	1.2	22.8	68.3#



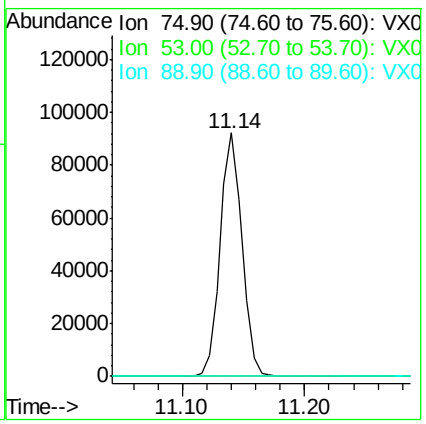


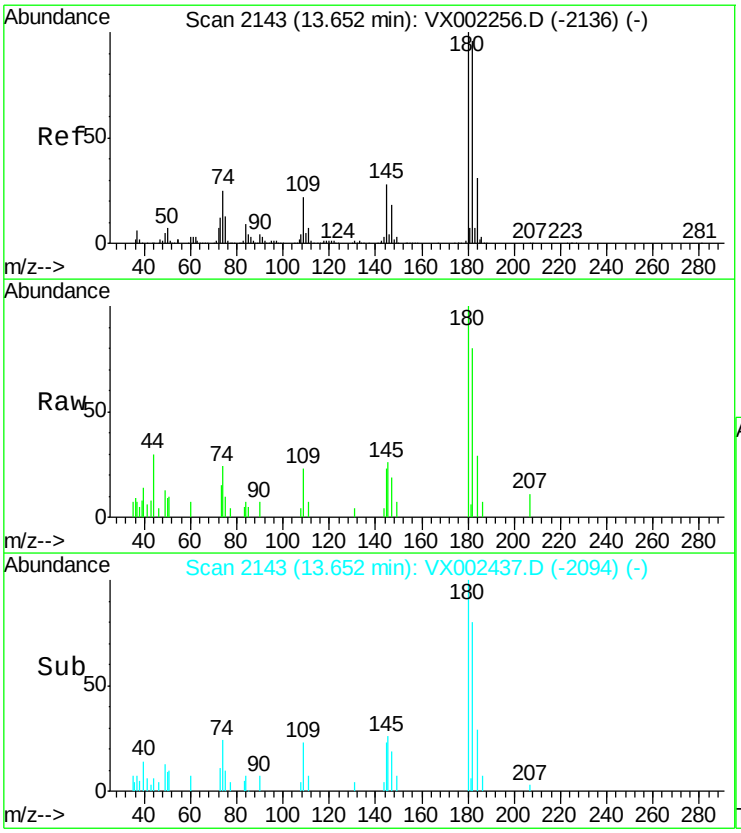
#81
trans-1,4-Dichloro-2-butene
Concen: 91.71 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.06 min
Lab File: VX002437.D
Acq: 11 Jun 2018 11:44

Instrument : MSVOA_X
ClientSampleId : VX0611WBL01

Tgt Ion: 75 Resp: 114089

Ion	Ratio	Lower	Upper
75	100		
53	0.2	86.8	130.2#
89	0.0	38.2	57.2#

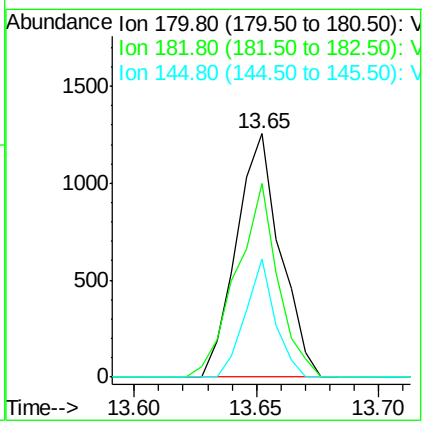


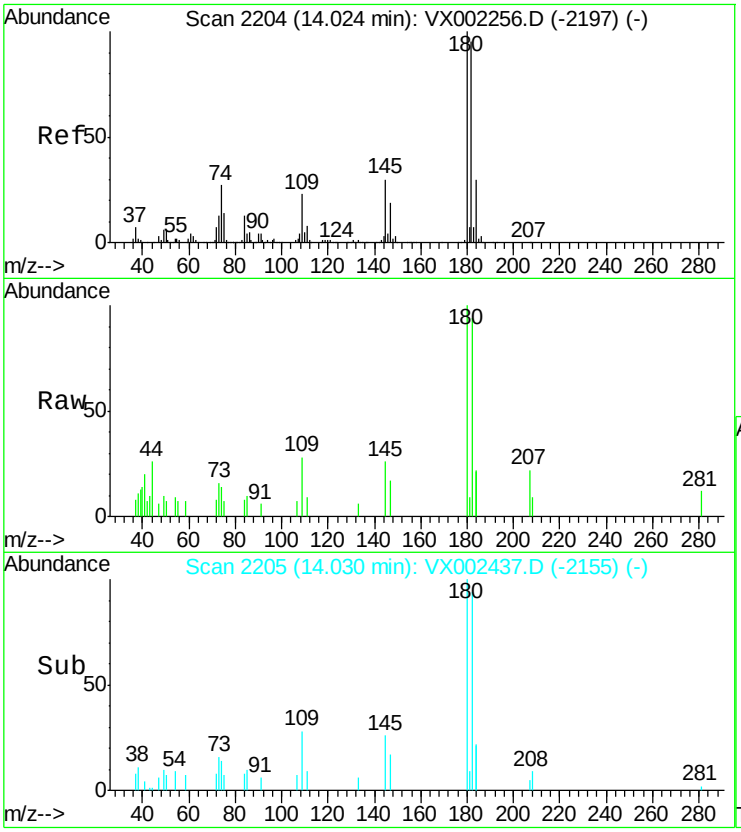


#93
1,2,4-Trichlorobenzene
Concen: 0.31 ug/l
RT: 13.65 min Scan# 2143
Delta R.T. -0.00 min
Lab File: VX002437.D
Acq: 11 Jun 2018 11:44

Tgt Ion:180 Resp: 1576

Ion	Ratio	Lower	Upper
180	100		
182	75.2	47.7	143.1
145	32.9	14.1	42.4





#96
1,2,3-Trichlorobenzene
Concen: 0.24 ug/l
RT: 14.03 min Scan# 2205
Delta R.T. 0.01 min
Lab File: VX002437.D
Acq: 11 Jun 2018 11:44

Instrument :
MSVOA_X
ClientSampleId :
VX0611WBL01

Tgt Ion:180 Resp: 1221

Ion	Ratio	Lower	Upper
180	100		
182	87.4	48.0	144.0
145	34.6	14.8	44.3