Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX082018\
Data File : VX004145.D
Acq On : 20 Aug 2018 11:40
Operator : JC/MD
Sample : VX0820WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : VX0820WBL01

Quant Time: Aug 21 01:00:25 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081418W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 14 13:27:25 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.66	168	286191	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.86	114	440764	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.12	117	422900	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	234742	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.07	65	232442	57.65	ug/l		0.00
Spiked Amount 50.000			Recovery =	115.30%			
35) Dibromofluoromethane	5.50	113	193922	58.79	ug/l		0.00
Spiked Amount 50.000			Recovery =	117.58%			
50) Toluene-d8	8.71	98	698642	52.24	ug/l		0.00
Spiked Amount 50.000			Recovery =	104.48%			
62) 4-Bromofluorobenzene	11.14	95	241188	49.72	ug/l		0.00
Spiked Amount 50.000			Recovery =	99.44%			
Target Compounds							Qvalue
3) Chloromethane	1.32	50	2605	0.76	ug/l		97
5) Bromomethane	1.65	94	864	0.28	ug/l		82
6) Chloroethane	1.73	64	504	Below Cal		#	42
10) Methyl Iodide	2.52	142	393	5.11	ug/l	#	88
11) Tert butyl alcohol	3.02	59	2855	3.52	ug/l	#	73
13) Acrolein	2.29	56	288	11.45	ug/l	#	38
15) Acrylonitrile	3.14	53	1089	0.54	ug/l	#	82
16) Acetone	2.44	43	1281	0.61	ug/l	#	82
18) Methyl Acetate	2.76	43	1223	0.26	ug/l	#	90
20) Methylene Chloride	2.86	84	1031	Below Cal			93
25) 2-Butanone	4.70	43	2106	0.62	ug/l	#	48
29) Tetrahydrofuran	5.16	42	1903	1.09	ug/l	#	83
36) 1,1-Dichloropropene	5.66	75	19601	3.91	ug/l	#	49
38) Carbon Tetrachloride	5.66	117	25509	5.23	ug/l	#	15
49) 1,4-Dioxane	7.77	88	60	0.66	ug/l	#	16
51) 4-Methyl-2-Pentanone	8.65	43	2014	0.31	ug/l	#	83
58) 2-Chloroethyl Vinyl ether	8.31	63	625	0.23	ug/l	#	79
59) 2-Hexanone	9.50	43	1269	0.26	ug/l		78
76) 1,2,3-Trichloropropane	11.14	75	116455	24.74	ug/l	#	36
81) trans-1,4-Dichloro-2-buten	11.14	75	116455	76.58	ug/l	#	9
95) Naphthalene	13.83	128	1282	1.22	ug/l	#	94

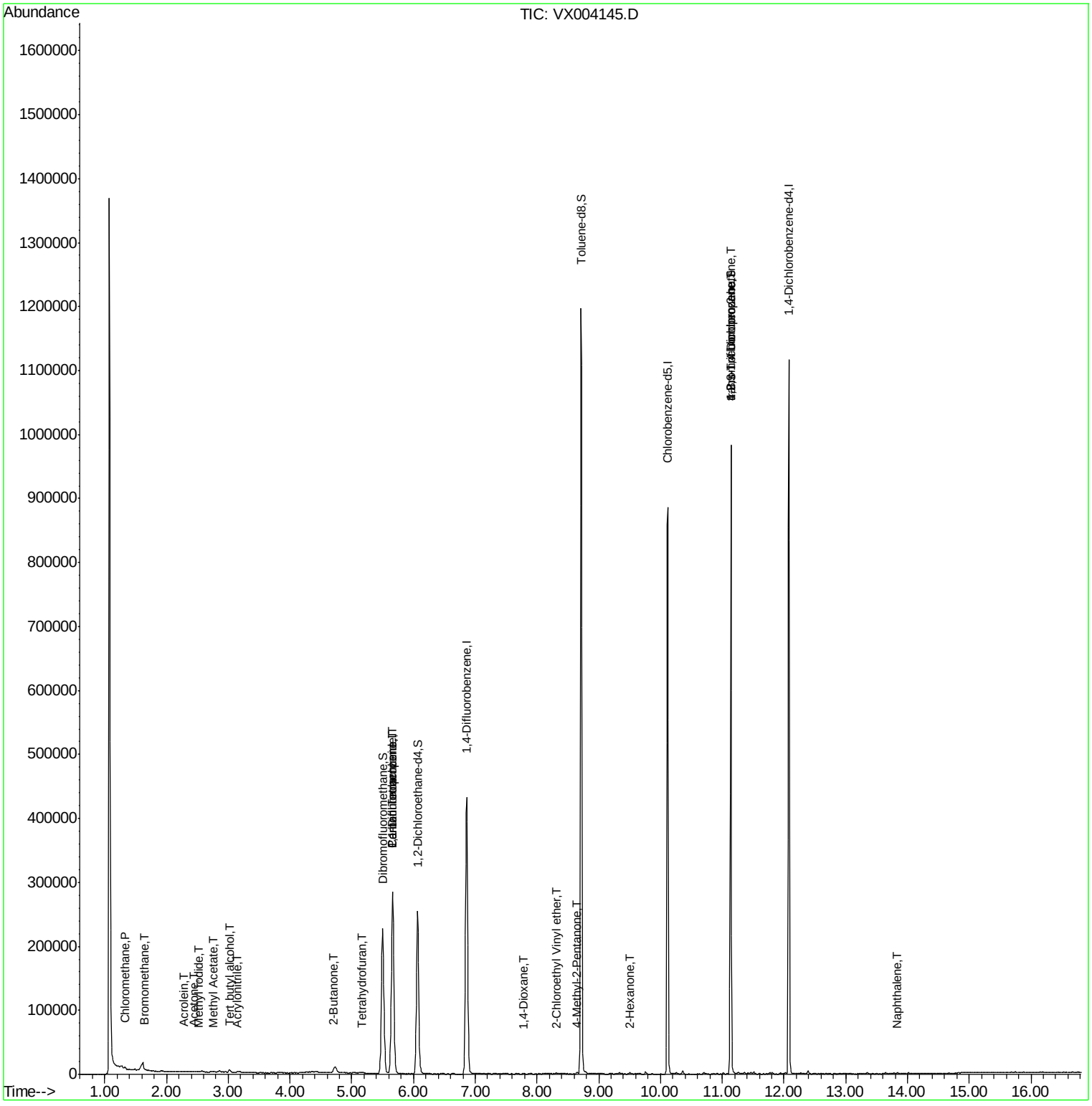
(#) = qualifier out of range (m) = manual integration (+) = signals summed

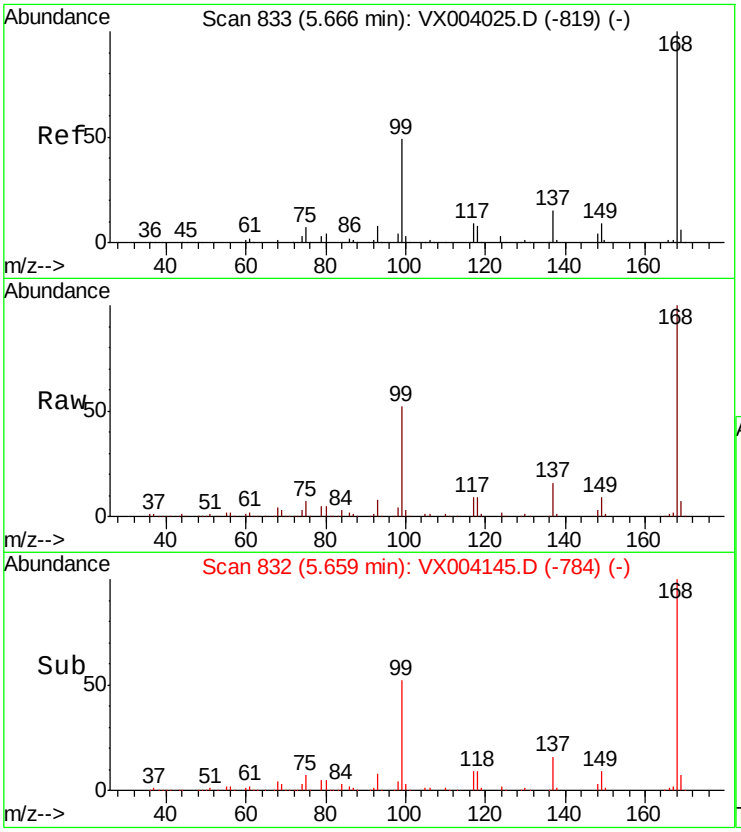
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX082018\
Data File : VX004145.D
Acq On : 20 Aug 2018 11:40
Operator : JC/MD
Sample : VX0820WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : VX0820WBL01

Quant Time: Aug 21 01:00:25 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081418W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 14 13:27:25 2018
Response via : Initial Calibration



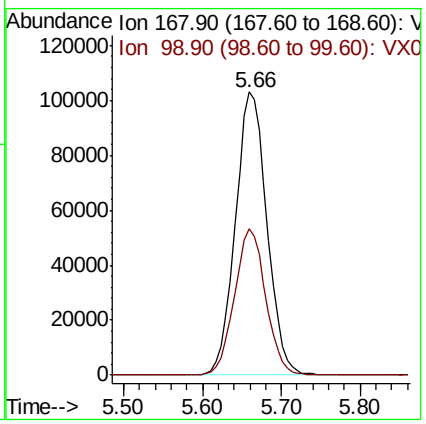


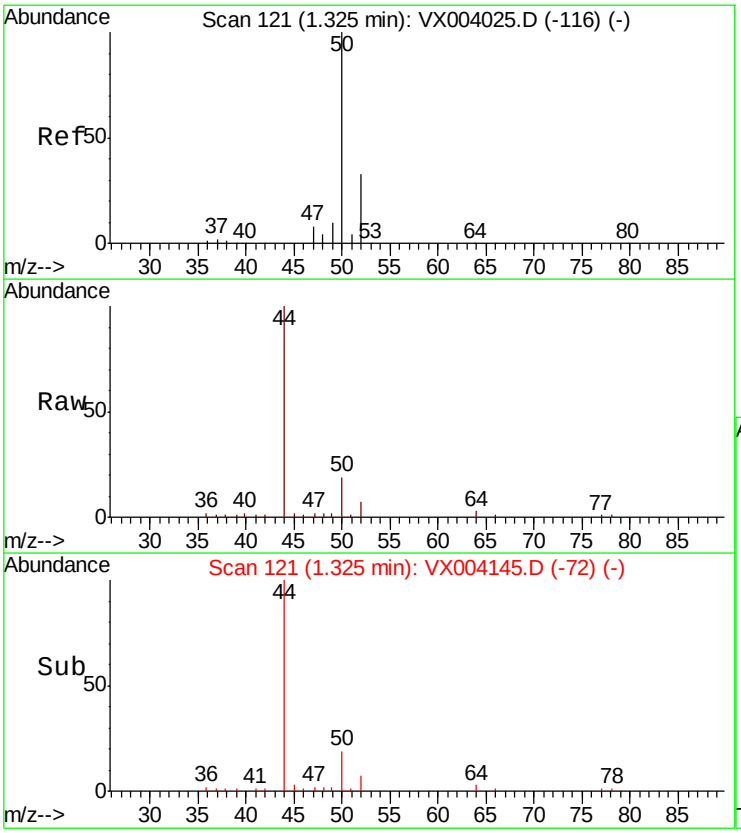
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.66 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX004145.D
Acq: 20 Aug 2018 11:40

Instrument :
MSVOA_X
ClientSampleId :
VX0820WBL01

Tgt Ion:168 Resp: 286191

Ion	Ratio	Lower	Upper
168	100		
99	51.5	40.1	60.1

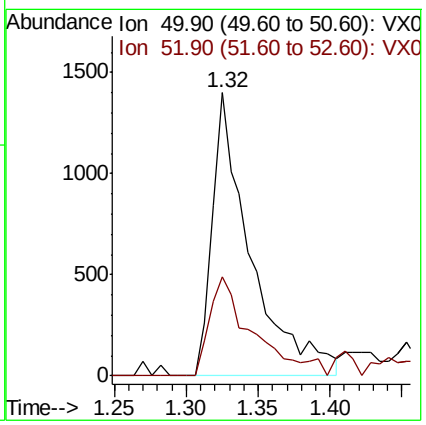


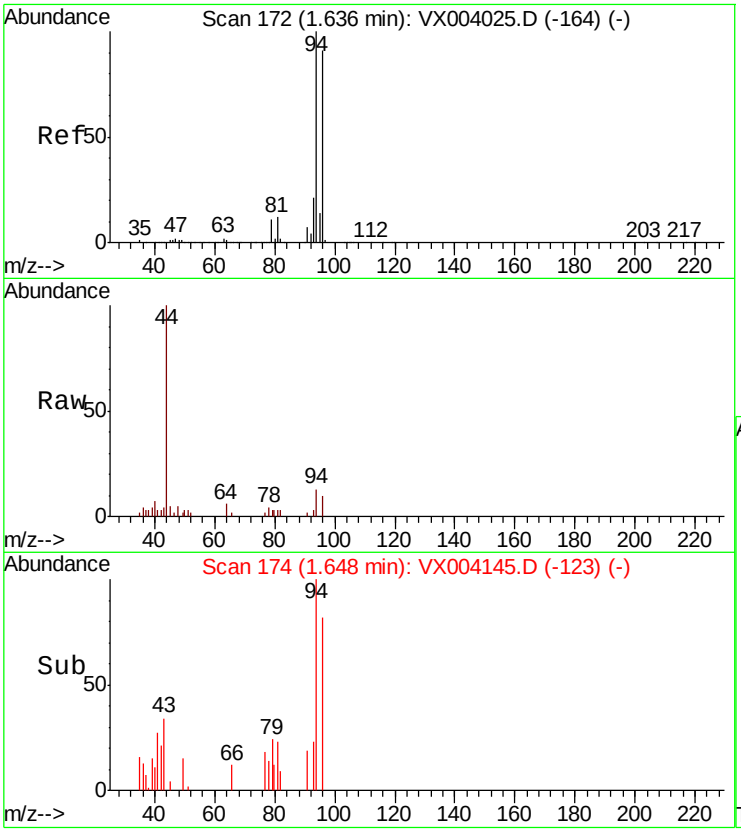


#3
Chloromethane
Concen: 0.76 ug/l
RT: 1.32 min Scan# 121
Delta R.T. -0.00 min
Lab File: VX004145.D
Acq: 20 Aug 2018 11:40

Tgt Ion: 50 Resp: 2605

Ion	Ratio	Lower	Upper
50	100		
52	34.9	26.6	39.8



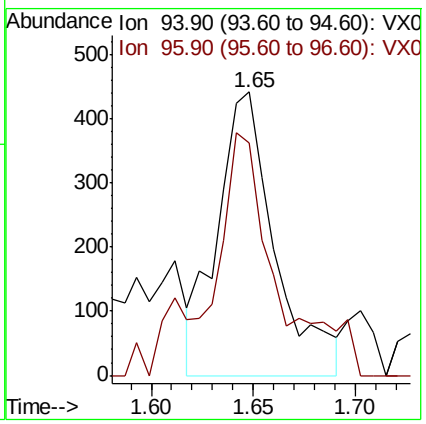


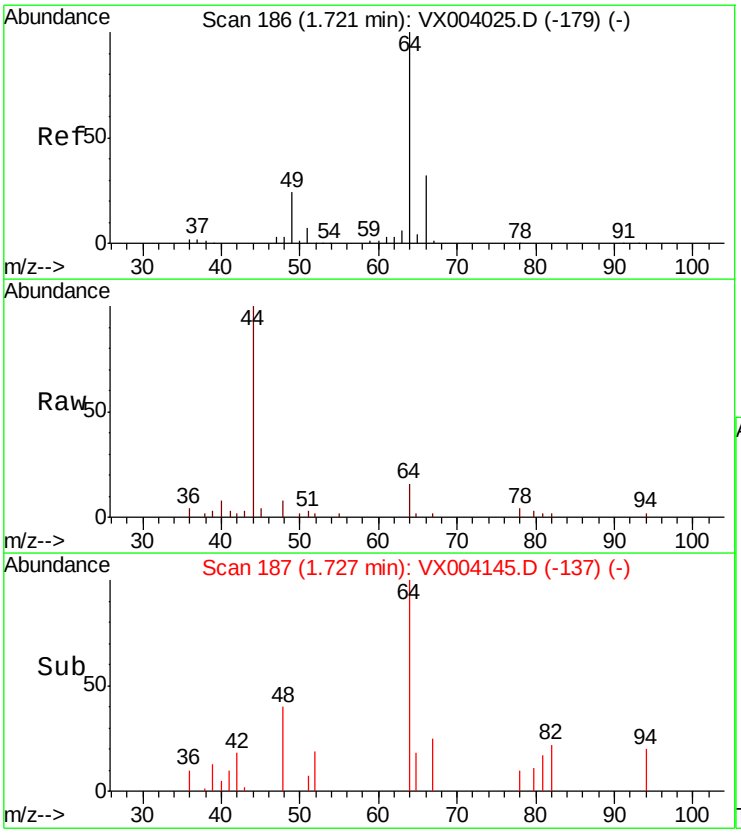
#5
Bromomethane
Concen: 0.28 ug/l
RT: 1.65 min Scan# 174
Delta R.T. 0.01 min
Lab File: VX004145.D
Acq: 20 Aug 2018 11:40

Instrument :
MSVOA_X
ClientSampleId :
VX0820WBL01

Tgt Ion: 94 Resp: 864

Ion	Ratio	Lower	Upper
94	100		
96	76.3	75.2	112.8

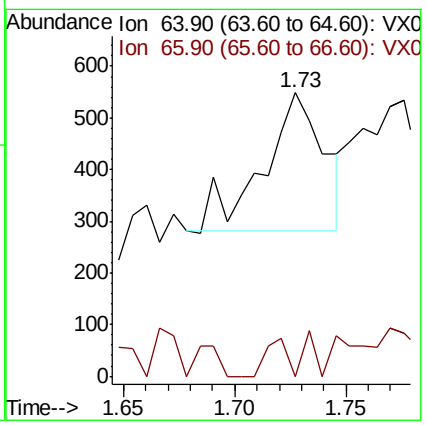


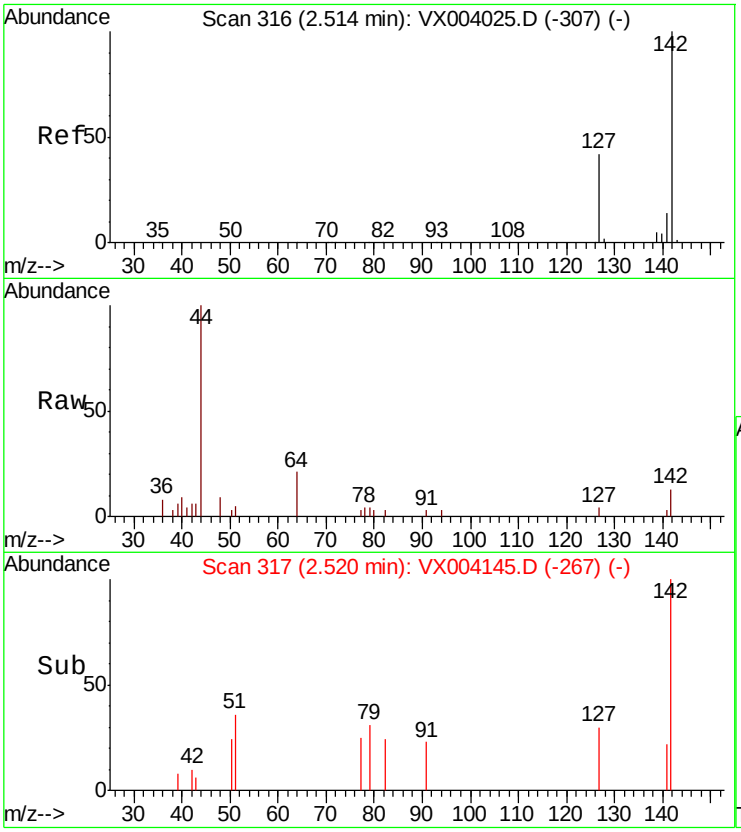


#6
Chloroethane
Concen: Below Cal
RT: 1.73 min Scan# 187
Delta R.T. 0.01 min
Lab File: VX004145.D
Acq: 20 Aug 2018 11:40

Tgt Ion: 64 Resp: 504

Ion	Ratio	Lower	Upper
64	100		
66	0.0	26.5	39.7#



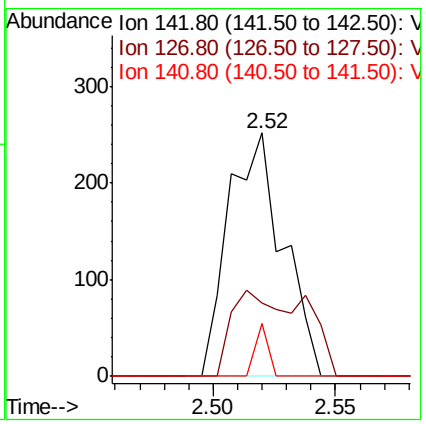


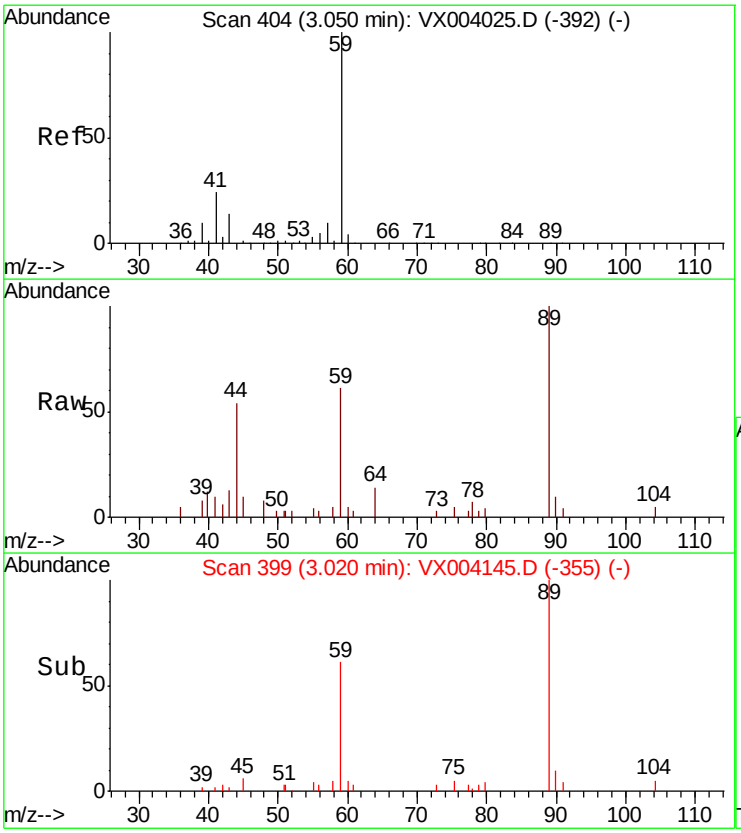
#10
Methyl Iodide
Concen: 5.11 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX004145.D
Acq: 20 Aug 2018 11:40

Instrument : MSVOA_X
ClientSampleId : VX0820WBL01

Tgt Ion:142 Resp: 393

Ion	Ratio	Lower	Upper
142	100		
127	46.8	33.1	49.7
141	5.1	11.1	16.7#

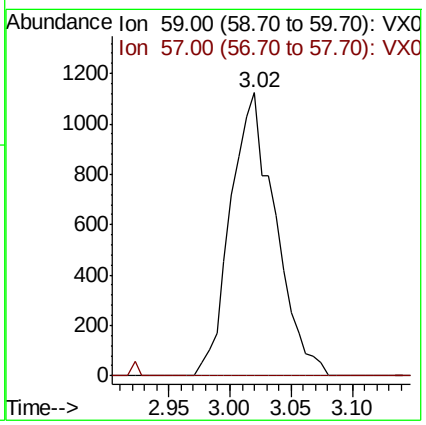


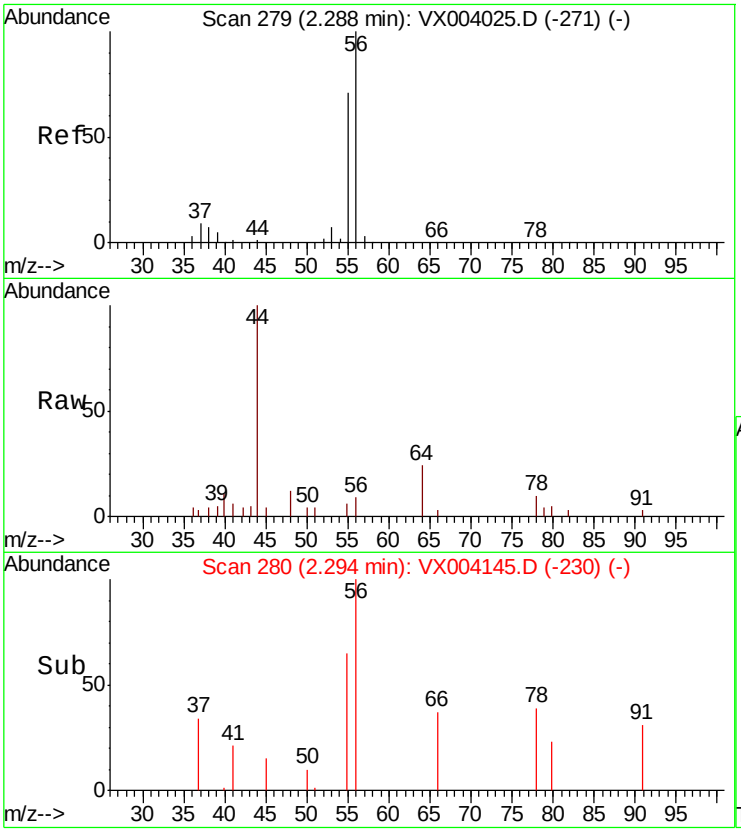


#11
Tert butyl alcohol
Concen: 3.52 ug/l
RT: 3.02 min Scan# 399
Delta R.T. -0.03 min
Lab File: VX004145.D
Acq: 20 Aug 2018 11:40

Tgt Ion: 59 Resp: 2855

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.1	12.1#



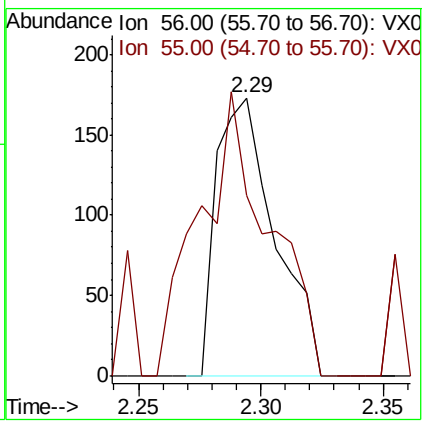


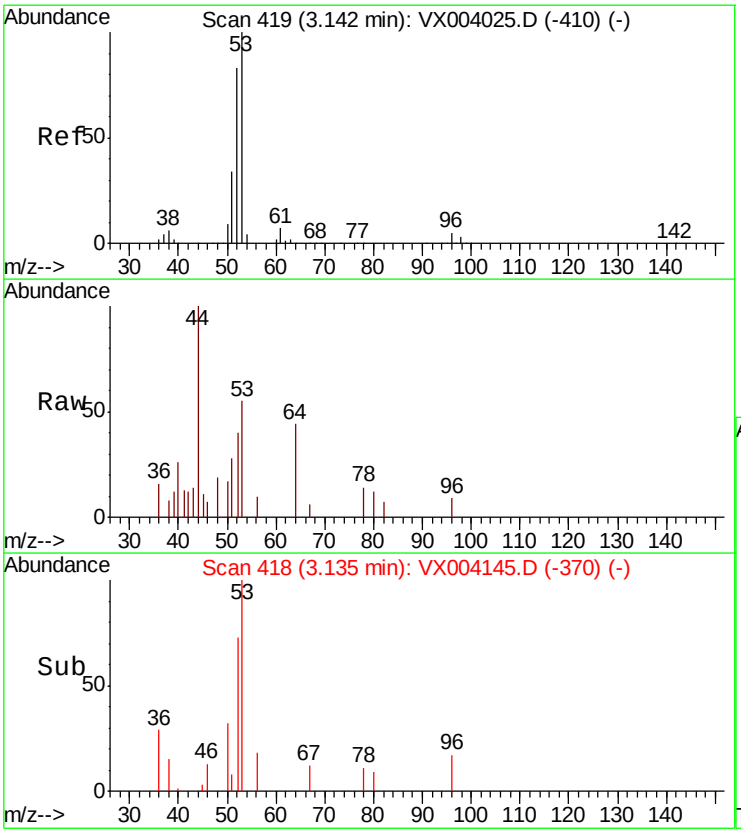
#13
Acrolein
Concen: 11.45 ug/l
RT: 2.29 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX004145.D
Acq: 20 Aug 2018 11:40

Instrument : MSVOA_X
ClientSampleId : VX0820WBL01

Tgt Ion: 56 Resp: 288

Ion	Ratio	Lower	Upper
56	100		
55	120.8	56.1	84.1#

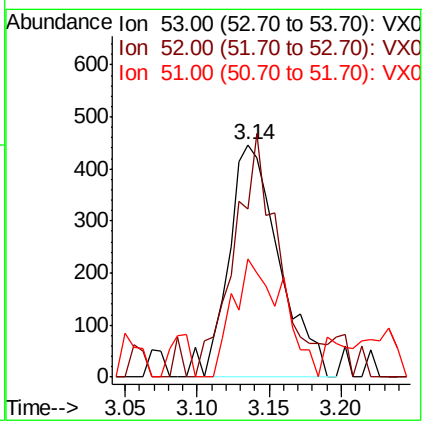


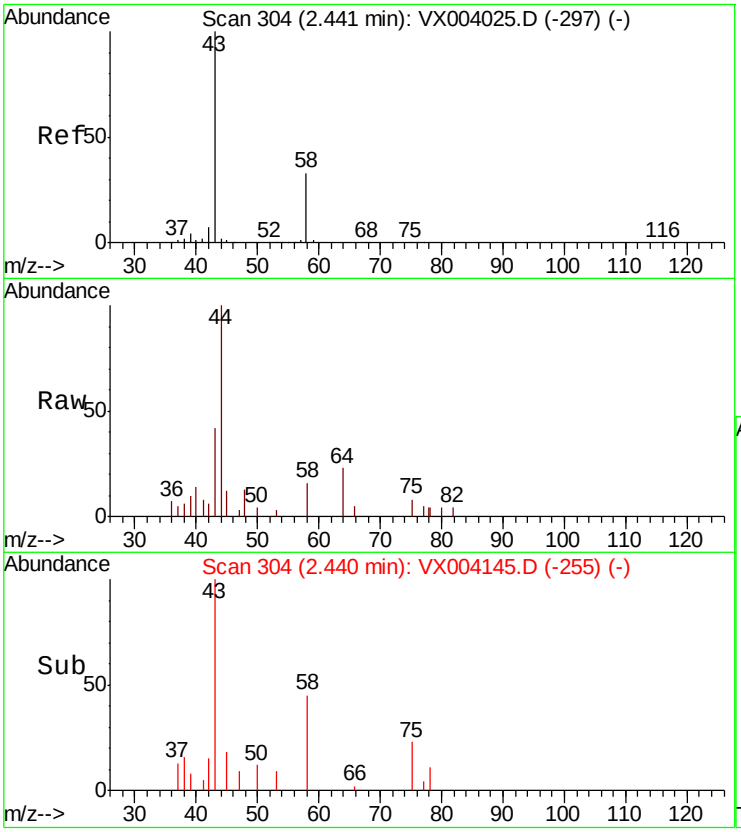


#15
Acrylonitrile
Concen: 0.54 ug/l
RT: 3.14 min Scan# 418
Delta R.T. -0.01 min
Lab File: VX004145.D
Acq: 20 Aug 2018 11:40

Tgt Ion: 53 Resp: 1089

Ion	Ratio	Lower	Upper
53	100		
52	94.1	65.3	97.9
51	50.1	27.9	41.9#



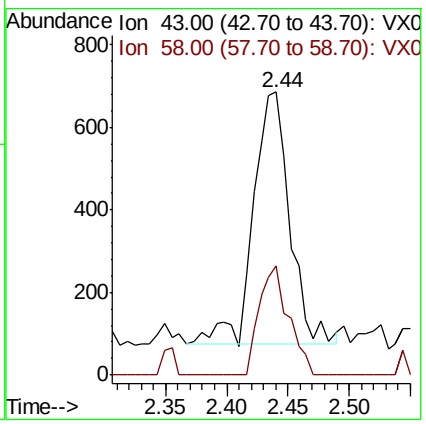


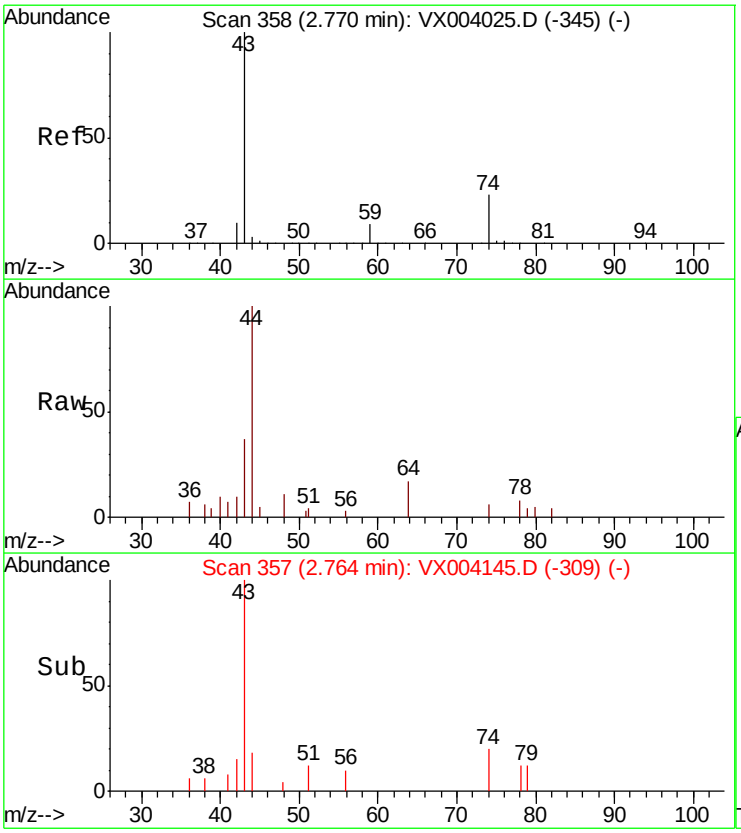
#16
Acetone
Concen: 0.61 ug/l
RT: 2.44 min Scan# 304
Delta R.T. -0.00 min
Lab File: VX004145.D
Acq: 20 Aug 2018 11:40

Instrument :
MSVOA_X
ClientSampleId :
VX0820WBL01

Tgt Ion: 43 Resp: 1281

Ion	Ratio	Lower	Upper
43	100		
58	43.1	26.4	39.6#

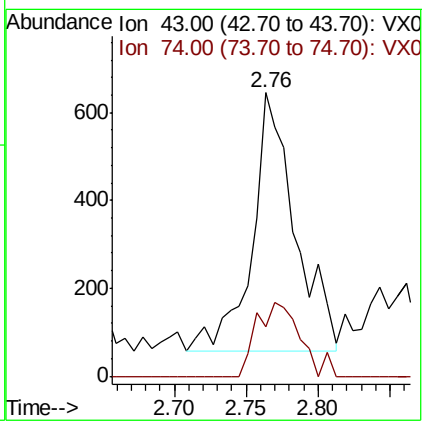


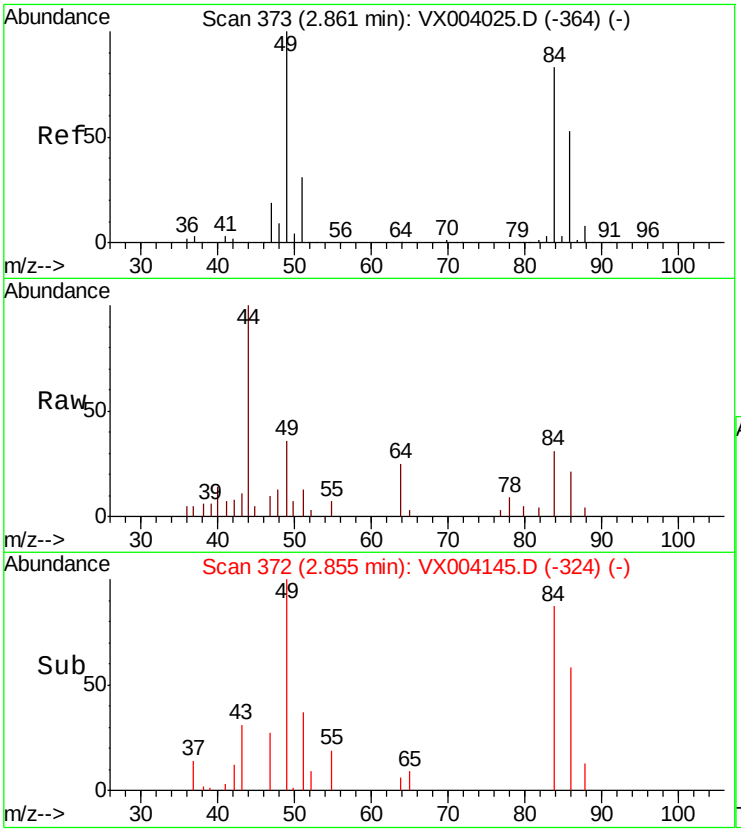


#18
Methyl Acetate
Concen: 0.26 ug/l
RT: 2.76 min Scan# 357
Delta R.T. -0.01 min
Lab File: VX004145.D
Acq: 20 Aug 2018 11:40

Tgt Ion: 43 Resp: 1223

Ion	Ratio	Lower	Upper
43	100		
74	28.7	18.9	28.3#



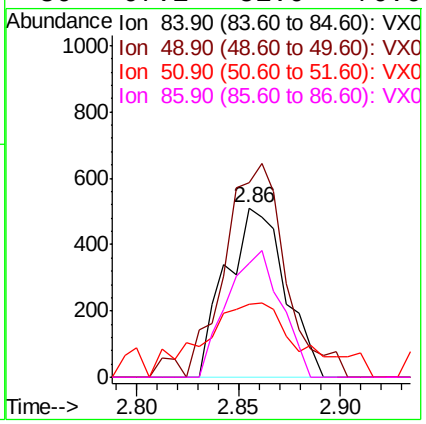


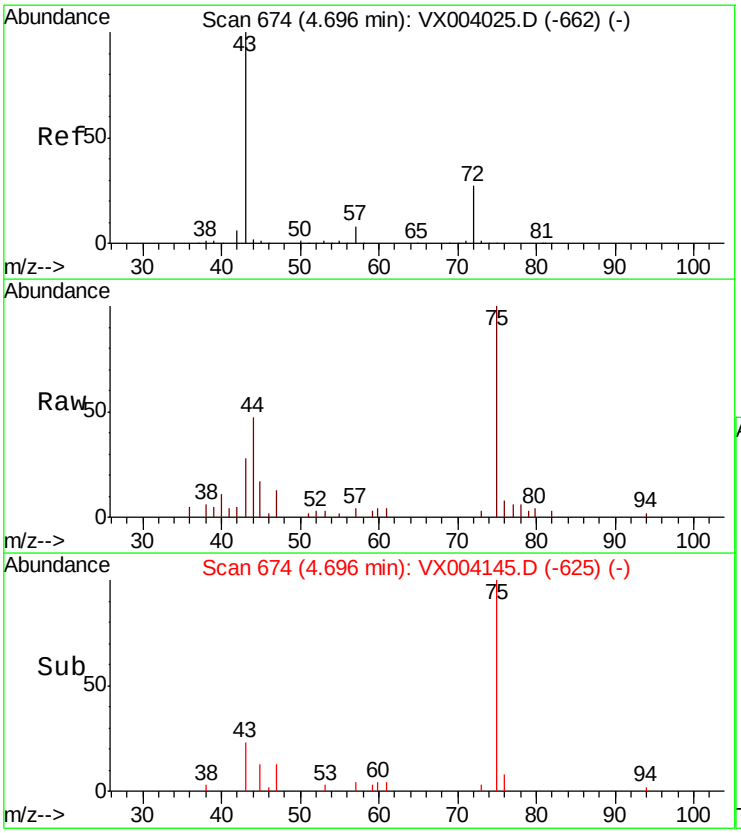
#20
Methylene Chloride
Concen: Below Cal
RT: 2.86 min Scan# 372
Delta R.T. -0.01 min
Lab File: VX004145.D
Acq: 20 Aug 2018 11:40

Instrument : MSVOA_X
ClientSampleId : VX0820WBL01

Tgt Ion: 84 Resp: 1031

Ion	Ratio	Lower	Upper
84	100		
49	115.1	98.9	148.3
51	30.6	29.9	44.9
86	67.1	51.0	76.6

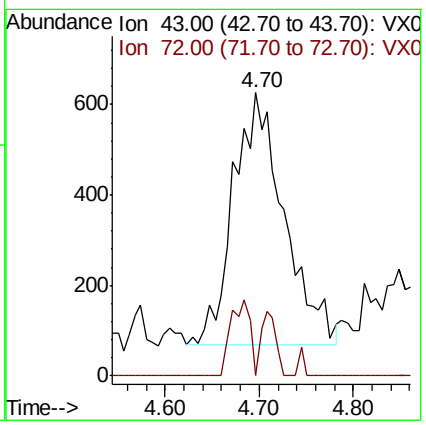


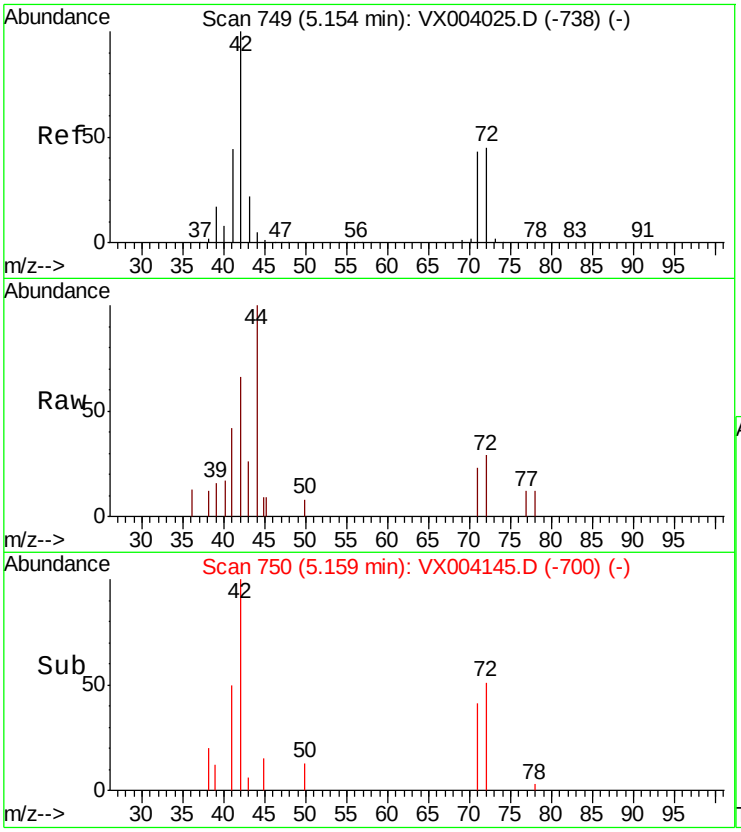


#25
2-Butanone
Concen: 0.62 ug/l
RT: 4.70 min Scan# 674
Delta R.T. -0.00 min
Lab File: VX004145.D
Acq: 20 Aug 2018 11:40

Tgt Ion: 43 Resp: 2106

Ion	Ratio	Lower	Upper
43	100		
72	0.0	21.4	32.0#



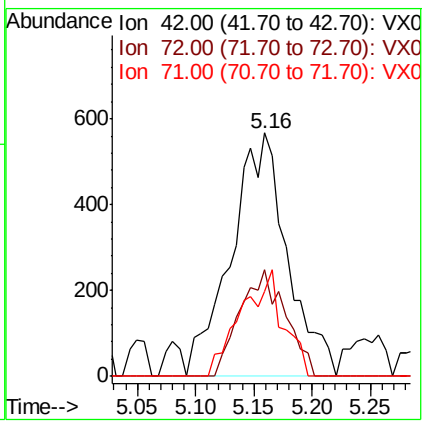


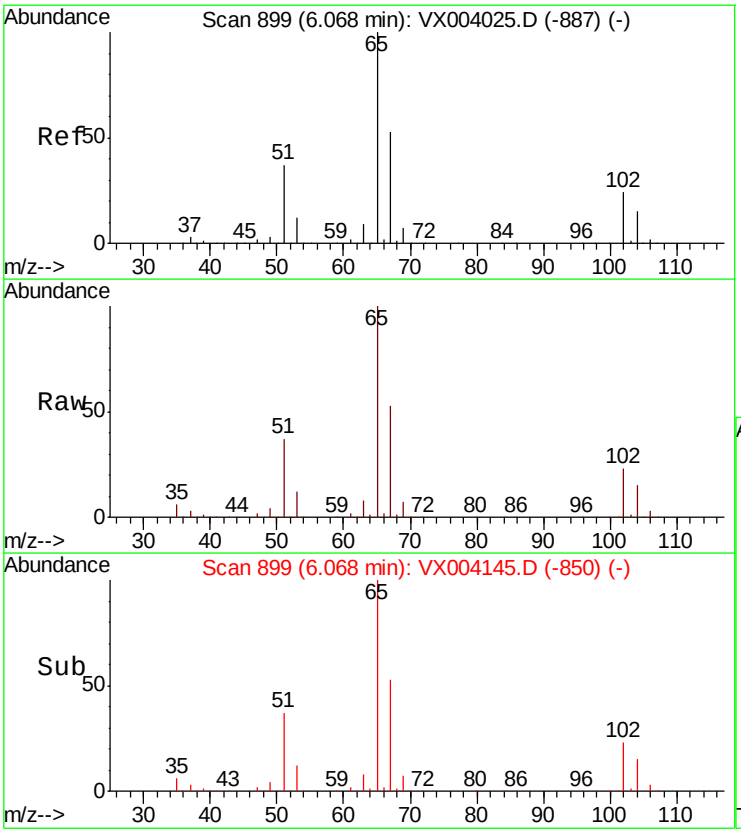
#29
Tetrahydrofuran
Concen: 1.09 ug/l
RT: 5.16 min Scan# 750
Delta R.T. 0.01 min
Lab File: VX004145.D
Acq: 20 Aug 2018 11:40

Instrument : MSVOA_X
ClientSampleId : VX0820WBL01

Tgt Ion: 42 Resp: 1903

Ion	Ratio	Lower	Upper
42	100		
72	35.5	37.7	56.5#
71	32.8	35.0	52.6#

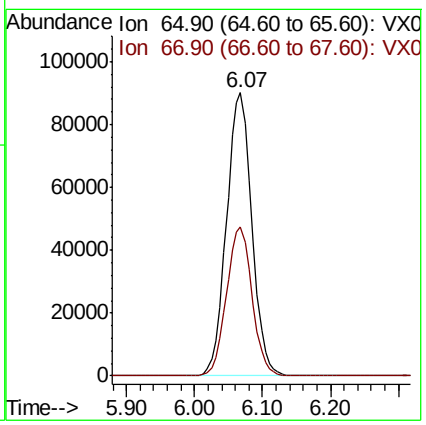


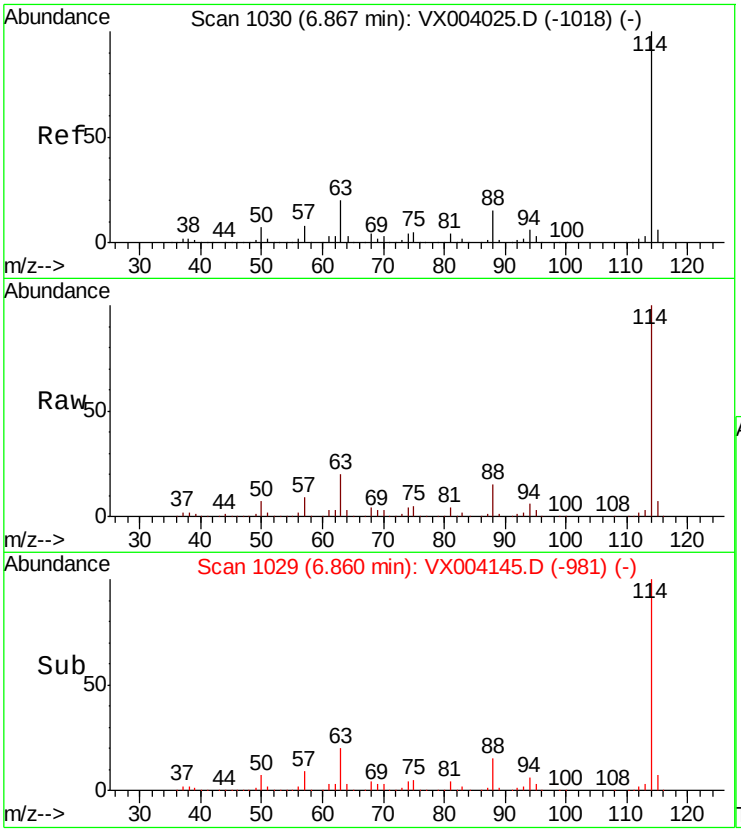


#33
1,2-Dichloroethane-d4
Concen: 57.65 ug/l
RT: 6.07 min Scan# 899
Delta R.T. -0.00 min
Lab File: VX004145.D
Acq: 20 Aug 2018 11:40

Tgt Ion: 65 Resp: 232442

Ion	Ratio	Lower	Upper
65	100		
67	53.0	0.0	105.8



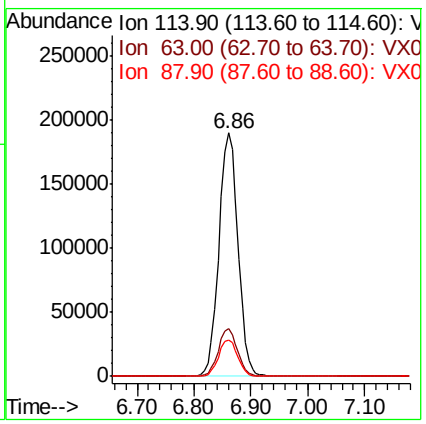


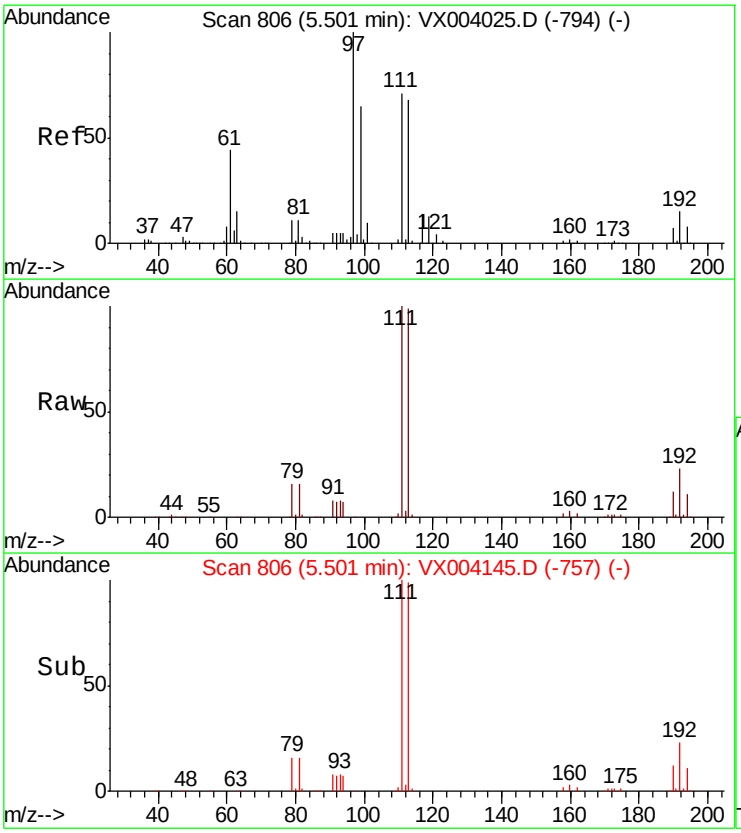
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.86 min Scan# 1029
Delta R.T. -0.01 min
Lab File: VX004145.D
Acq: 20 Aug 2018 11:40

Instrument :
MSVOA_X
ClientSampleId :
VX0820WBL01

Tgt Ion:114 Resp: 440764

Ion	Ratio	Lower	Upper
114	100		
63	19.7	0.0	39.0
88	15.0	0.0	32.0

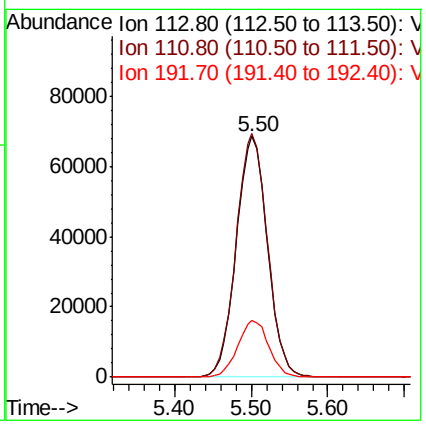


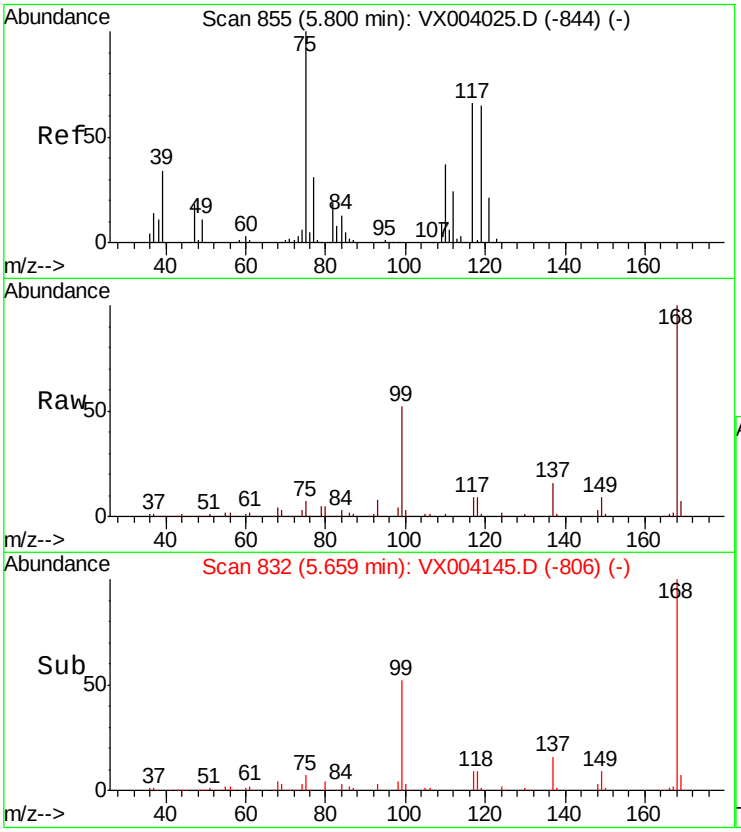


#35
Dibromofluoromethane
Concen: 58.79 ug/l
RT: 5.50 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX004145.D
Acq: 20 Aug 2018 11:40

Tgt Ion:113 Resp: 193922

Ion	Ratio	Lower	Upper
113	100		
111	101.5	82.0	123.0
192	23.4	19.0	28.4



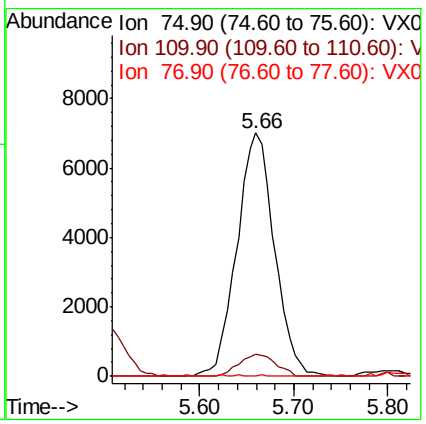


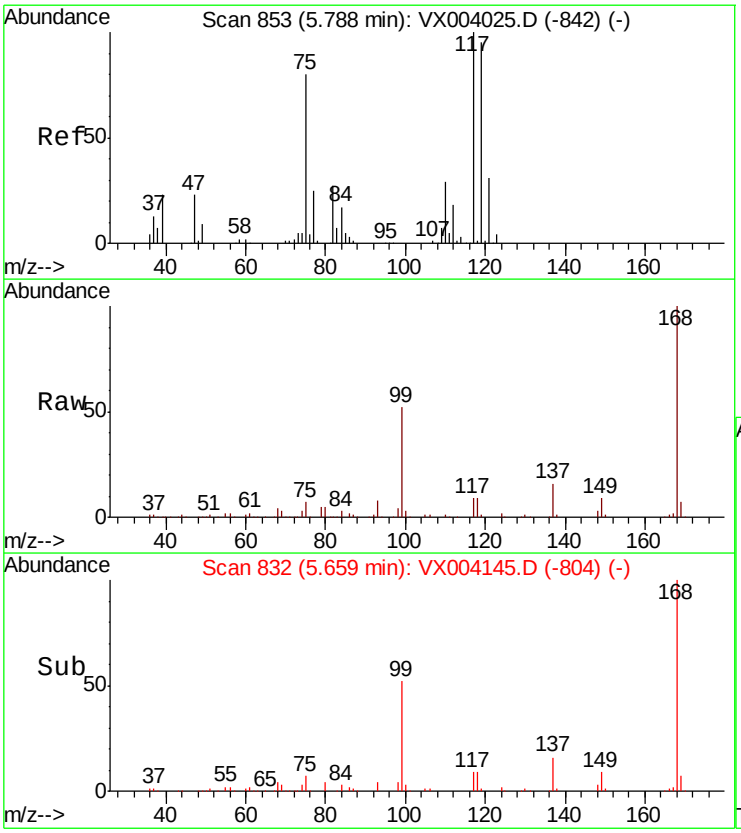
#36
1,1-Dichloropropene
Concen: 3.91 ug/l
RT: 5.66 min Scan# 832
Delta R.T. -0.14 min
Lab File: VX004145.D
Acq: 20 Aug 2018 11:40

Instrument :
MSVOA_X
ClientSampleId :
VX0820WBL01

Tgt Ion: 75 Resp: 19601

Ion	Ratio	Lower	Upper
75	100		
110	8.8	18.2	54.6#
77	0.1	25.0	37.4#

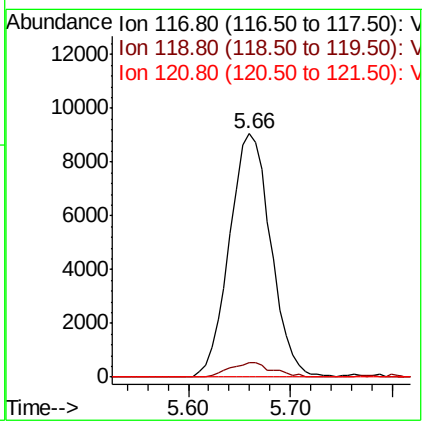


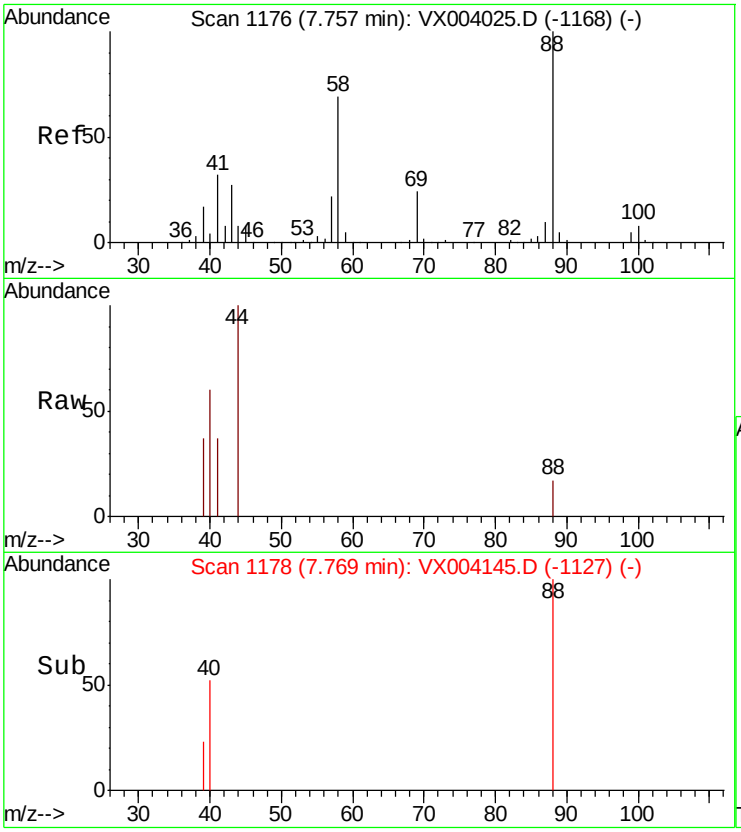


#38
Carbon Tetrachloride
Concen: 5.23 ug/l
RT: 5.66 min Scan# 832
Delta R.T. -0.13 min
Lab File: VX004145.D
Acq: 20 Aug 2018 11:40

Tgt Ion:117 Resp: 25509

Ion	Ratio	Lower	Upper
117	100		
119	6.0	79.5	119.3#
121	0.0	25.0	37.4#



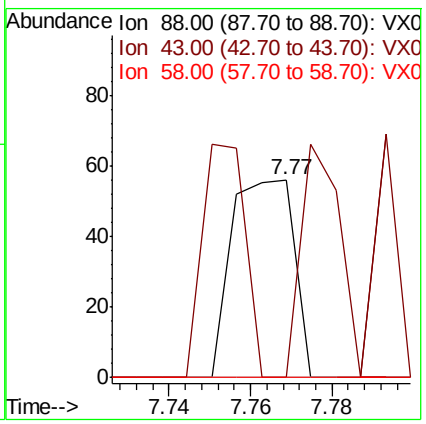


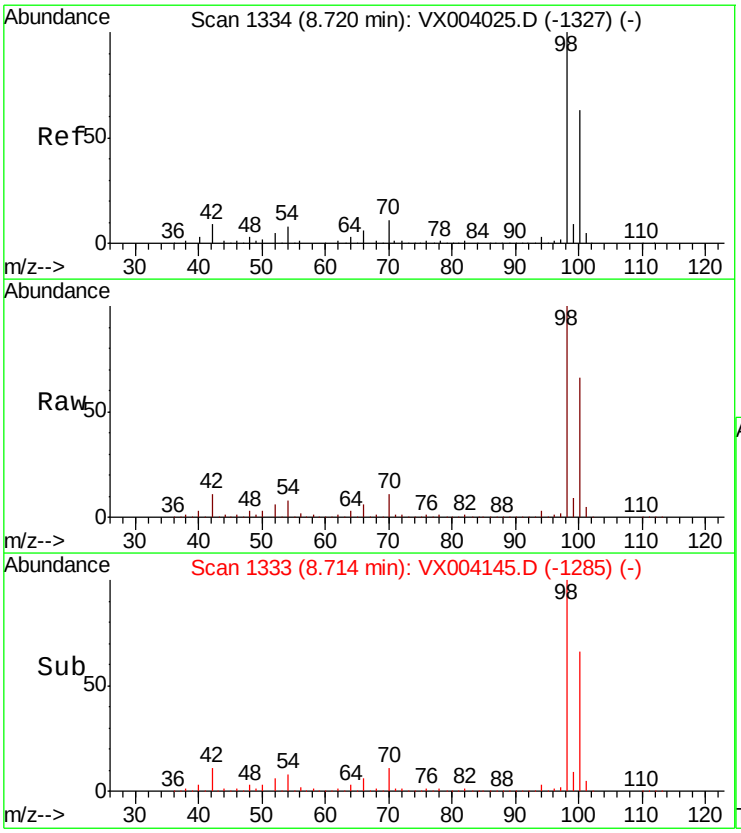
#49
1,4-Dioxane
Concen: 0.66 ug/l
RT: 7.77 min Scan# 1178
Delta R.T. 0.01 min
Lab File: VX004145.D
Acq: 20 Aug 2018 11:40

Instrument : MSVOA_X
ClientSampleId : VX0820WBL01

Tgt Ion: 88 Resp: 60

Ion	Ratio	Lower	Upper
88	100		
43	73.3	23.8	35.8#
58	0.0	55.4	83.0#

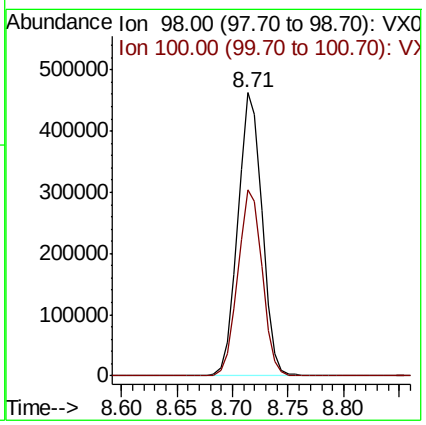


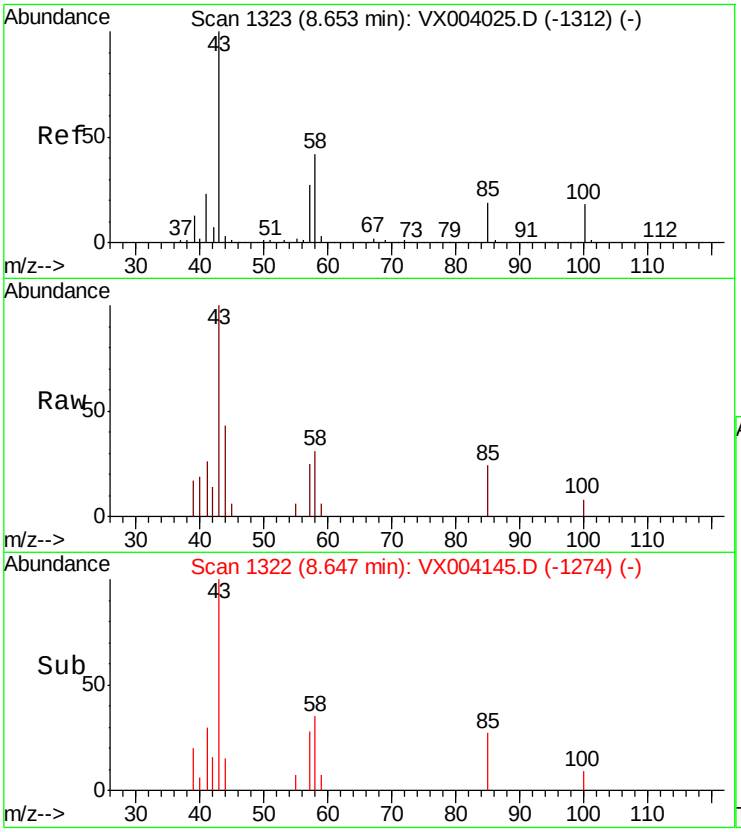


#50
Toluene-d8
Concen: 52.24 ug/l
RT: 8.71 min Scan# 1333
Delta R.T. -0.01 min
Lab File: VX004145.D
Acq: 20 Aug 2018 11:40

Tgt Ion: 98 Resp: 698642

Ion	Ratio	Lower	Upper
98	100		
100	65.9	53.3	79.9



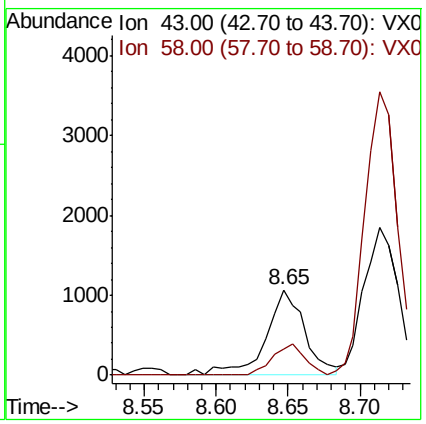


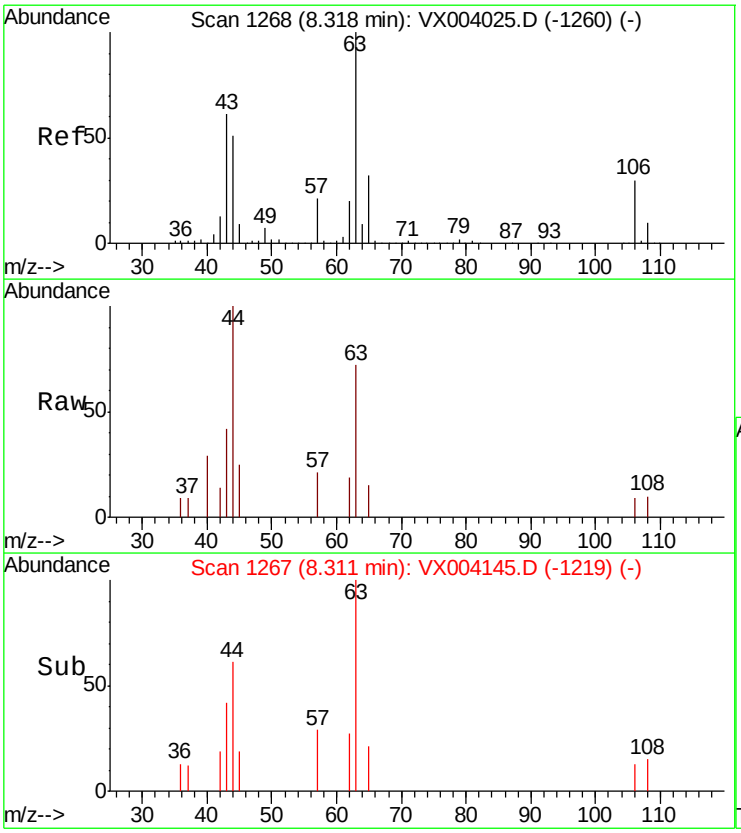
#51
4-Methyl-2-Pentanone
Concen: 0.31 ug/l
RT: 8.65 min Scan# 1322
Delta R.T. -0.01 min
Lab File: VX004145.D
Acq: 20 Aug 2018 11:40

Instrument : MSVOA_X
ClientSampleId : VX0820WBL01

Tgt Ion: 43 Resp: 2014

Ion	Ratio	Lower	Upper
43	100		
58	30.4	33.0	49.6#

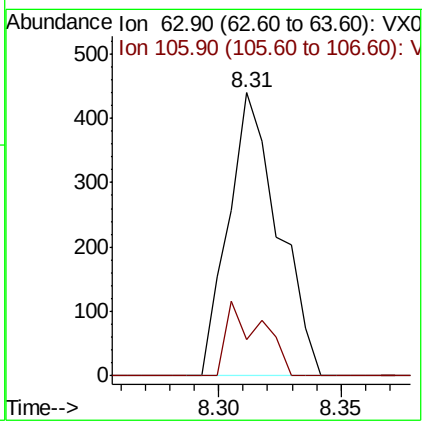


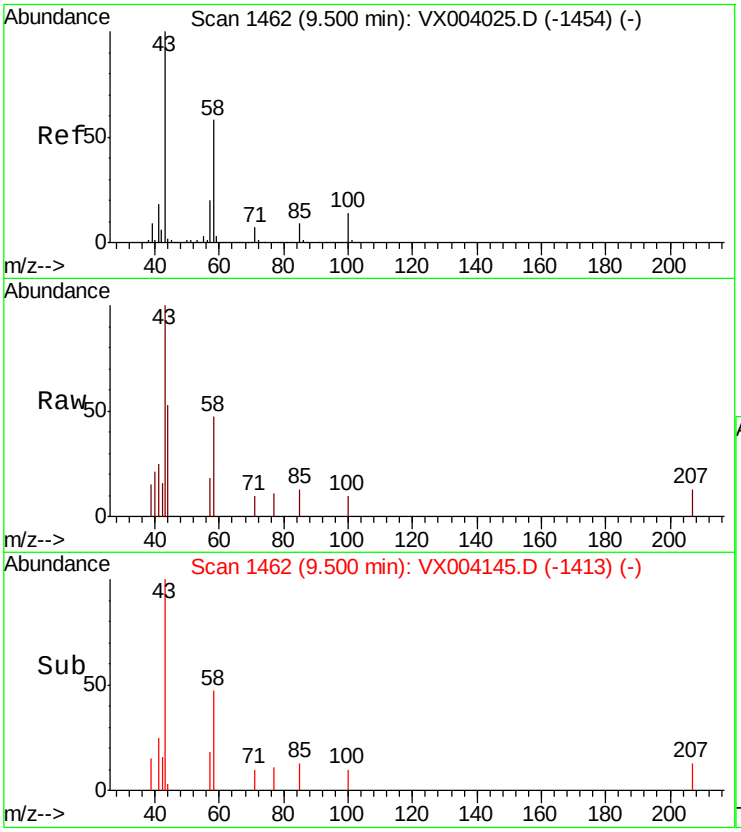


#58
2-Chloroethyl Vinyl ether
Concen: 0.23 ug/l
RT: 8.31 min Scan# 1267
Delta R.T. -0.01 min
Lab File: VX004145.D
Acq: 20 Aug 2018 11:40

Tgt Ion: 63 Resp: 625

Ion	Ratio	Lower	Upper
63	100		
106	18.7	23.8	35.8#



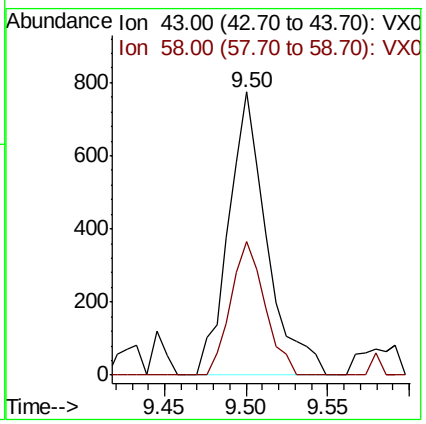


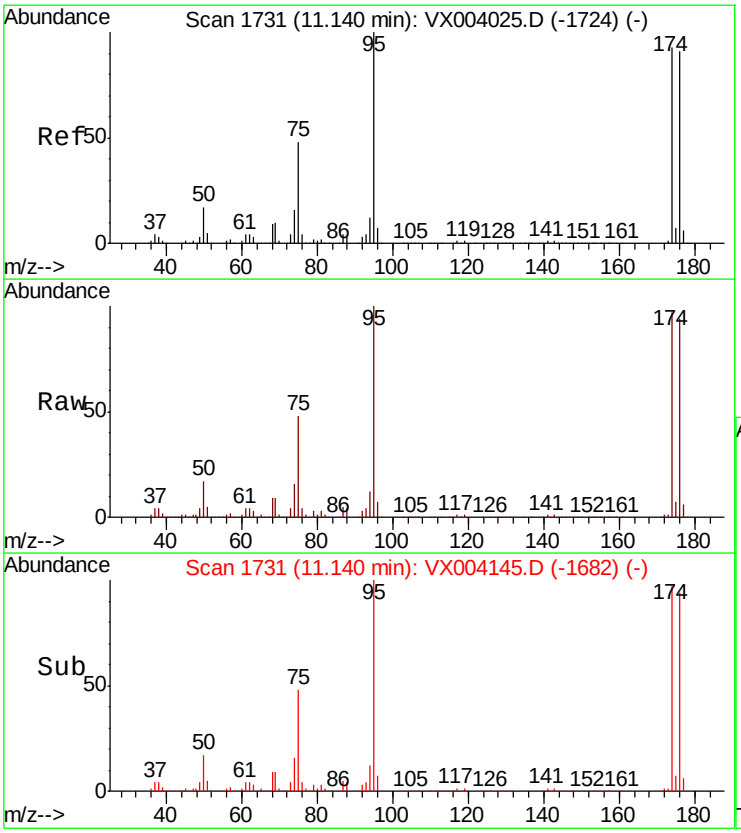
#59
2-Hexanone
Concen: 0.26 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX004145.D
Acq: 20 Aug 2018 11:40

Instrument : MSVOA_X
ClientSampleId : VX0820WBL01

Tgt Ion: 43 Resp: 1269

Ion	Ratio	Lower	Upper
43	100		
58	42.0	29.0	87.0

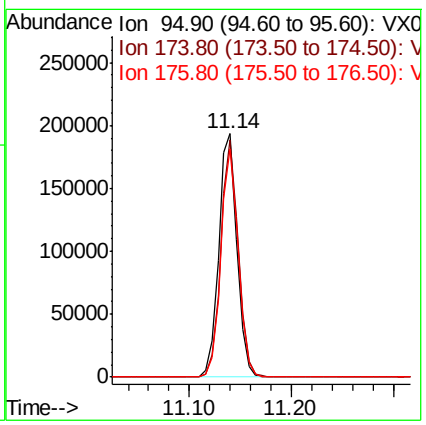


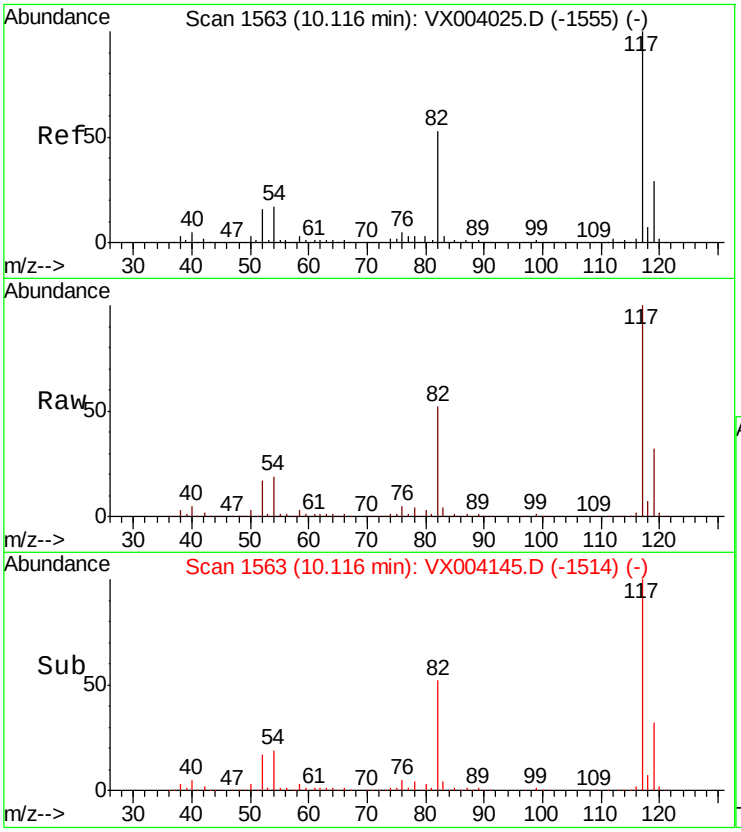


#62
4-Bromofluorobenzene
Concen: 49.72 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX004145.D
Acq: 20 Aug 2018 11:40

Tgt Ion: 95 Resp: 241188

Ion	Ratio	Lower	Upper
95	100		
174	93.2	0.0	182.8
176	89.6	0.0	179.0



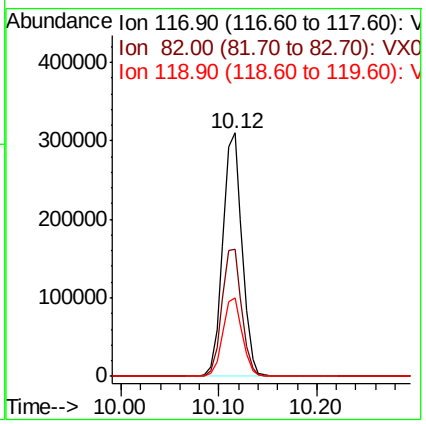


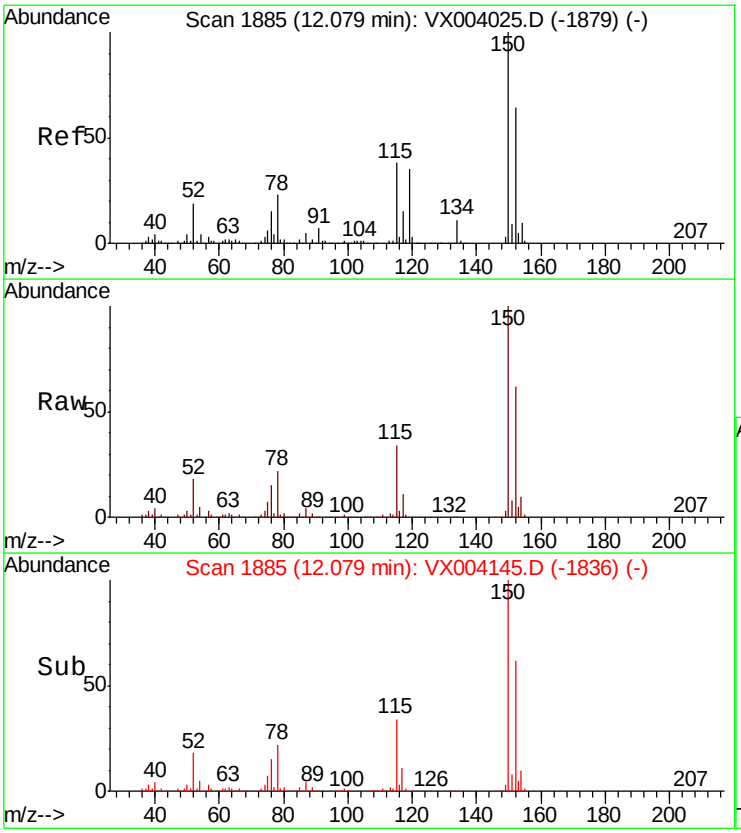
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX004145.D
Acq: 20 Aug 2018 11:40

Instrument : MSVOA_X
ClientSampleId : VX0820WBL01

Tgt Ion:117 Resp: 422900

Ion	Ratio	Lower	Upper
117	100		
82	52.4	45.4	68.0
119	32.2	26.6	40.0

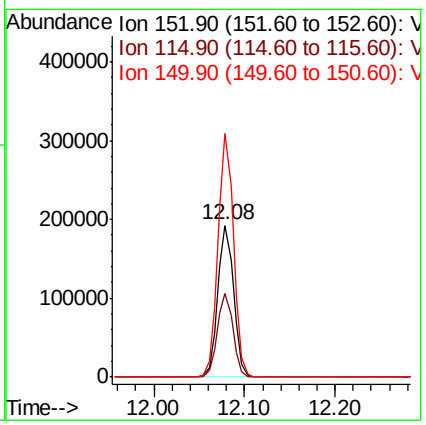


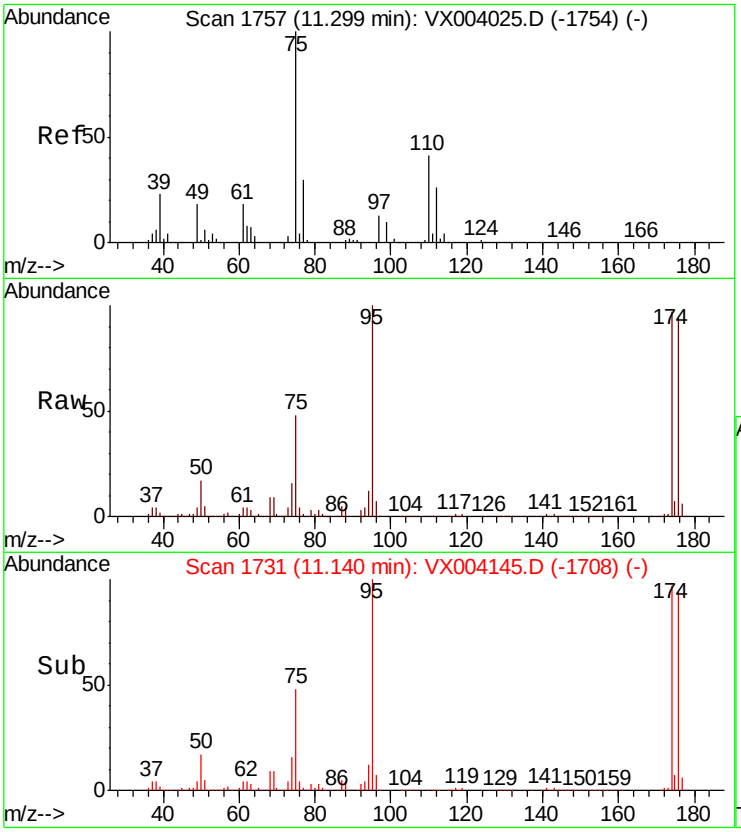


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX004145.D
Acq: 20 Aug 2018 11:40

Tgt Ion:152 Resp: 234742

Ion	Ratio	Lower	Upper
152	100		
115	55.2	39.1	117.3
150	158.2	0.0	349.2



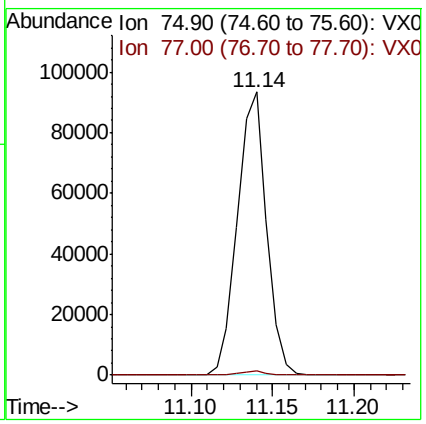


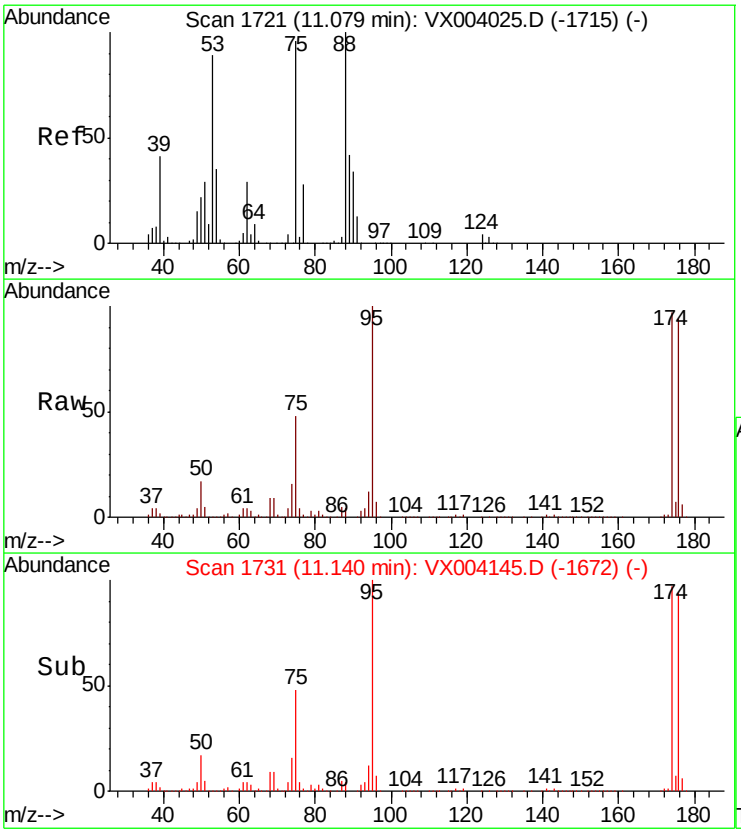
#76
1,2,3-Trichloropropane
Concen: 24.74 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.16 min
Lab File: VX004145.D
Acq: 20 Aug 2018 11:40

Instrument :
MSVOA_X
ClientSampleId :
VX0820WBL01

Tgt Ion: 75 Resp: 116455

Ion	Ratio	Lower	Upper
75	100		
77	1.4	20.8	62.5#

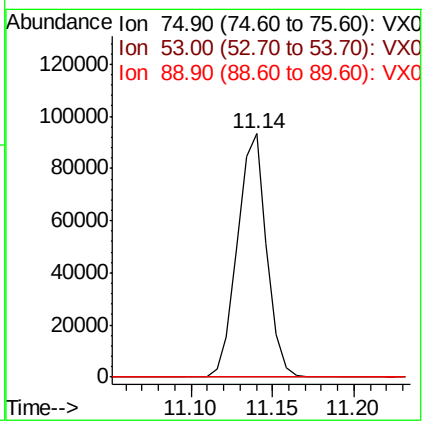


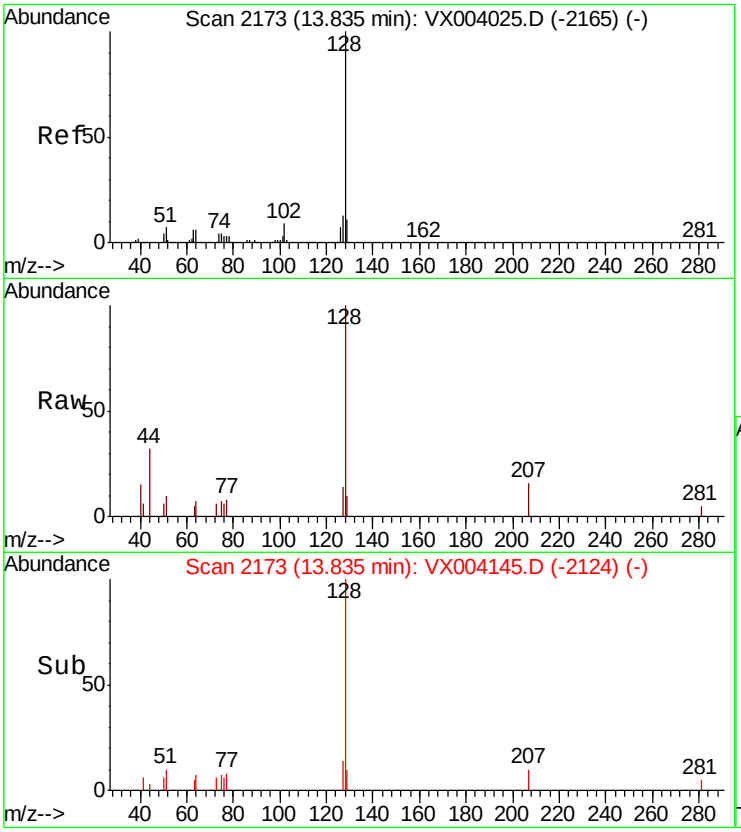


#81
trans-1,4-Dichloro-2-butene
Concen: 76.58 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.06 min
Lab File: VX004145.D
Acq: 20 Aug 2018 11:40

Tgt Ion: 75 Resp: 116455

Ion	Ratio	Lower	Upper
75	100		
53	0.2	80.3	120.5#
89	0.0	37.8	56.8#





#95
Naphthalene
Concen: 1.22 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. 0.00 min
Lab File: VX004145.D
Acq: 20 Aug 2018 11:40

Instrument :
MSVOA_X
ClientSampleId :
VX0820WBL01

Tgt Ion:128 Resp: 1282

Ion	Ratio	Lower	Upper
128	100		
127	13.9	10.2	15.2
129	7.3	8.8	13.2#