Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121420\
Data File : VX019996.D
Acq On : 14 Dec 2020 18:58
Operator : JC/MD
Sample : L5039-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : JBD-WC-SB-03

Quant Time: Dec 15 00:25:58 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 04 15:32:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.62	168	312256	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.83	114	515558	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.09	117	479150	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	204030	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.03	65	197927	48.23	ug/l		0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 96.46%				
35) Dibromofluoromethane	5.46	113	159514	47.87	ug/l		0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 95.74%				
50) Toluene-d8	8.70	98	635313	49.94	ug/l		0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 99.88%				
62) 4-Bromofluorobenzene	11.12	95	224263	46.32	ug/l		0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 92.64%				
Target Compounds							Qvalue
5) Bromomethane	1.62	94	279	0.237	ug/l		91
11) Tert butyl alcohol	2.99	59	10527	9.968	ug/l	#	78
13) Acrolein	2.28	56	217	0.479	ug/l	#	40
16) Acetone	2.42	43	15566	10.091	ug/l		99
18) Methyl Acetate	2.75	43	2328	0.617	ug/l	#	83
20) Methylene Chloride	2.83	84	19296	4.176	ug/l		98
25) 2-Butanone	4.64	43	3969	1.674	ug/l		94
29) Tetrahydrofuran	5.09	42	1902	1.245	ug/l		97
31) Cyclohexane	5.62	56	6161	1.207	ug/l	#	1
36) 1,1-Dichloropropene	5.62	75	24041	5.160	ug/l	#	49
38) Carbon Tetrachloride	5.62	117	30579	6.703	ug/l	#	16
41) Methacrylonitrile	5.10	41	1337	0.518	ug/l	#	42
43) Isopropyl Acetate	6.41	43	26407	3.453	ug/l		98
48) Methyl methacrylate	7.65	41	7386	1.964	ug/l	#	10
49) 1,4-Dioxane	7.85	88	224	2.459	ug/l	#	1
51) 4-Methyl-2-Pentanone	8.59	43	81168	17.384	ug/l	#	43
54) cis-1,3-Dichloropropene	8.59	75	41548	7.231	ug/l	#	60
57) 1,3-Dichloropropane	9.52	76	24079	3.932	ug/l	#	43
59) 2-Hexanone	9.52	43	292612	80.852	ug/l	#	46
76) 1,2,3-Trichloropropane	11.12	75	108770	23.769	ug/l	#	39
81) trans-1,4-Dichloro-2-buten	11.12	75	108770	68.713	ug/l	#	12

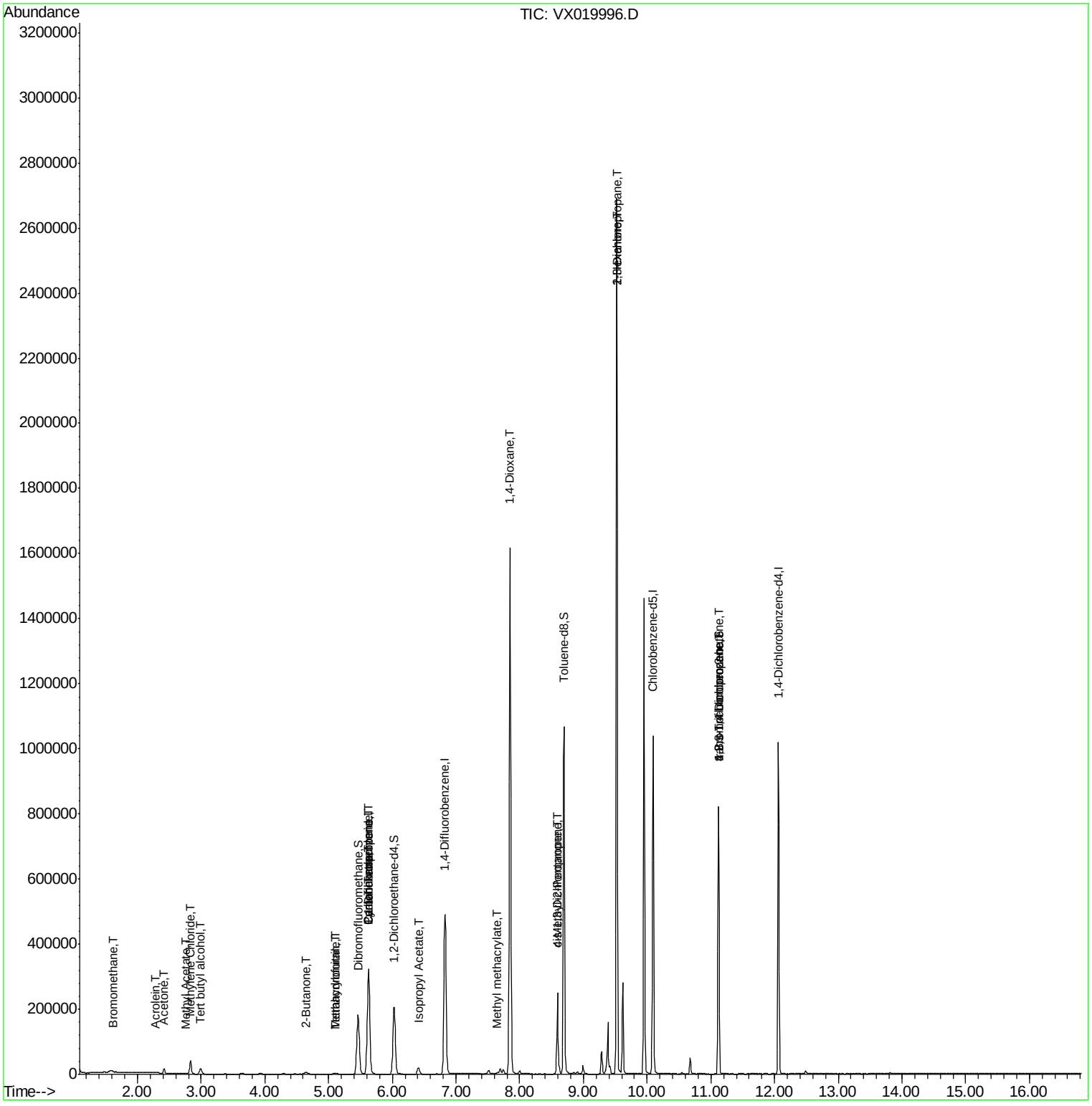
(#) = qualifier out of range (m) = manual integration (+) = signals summed

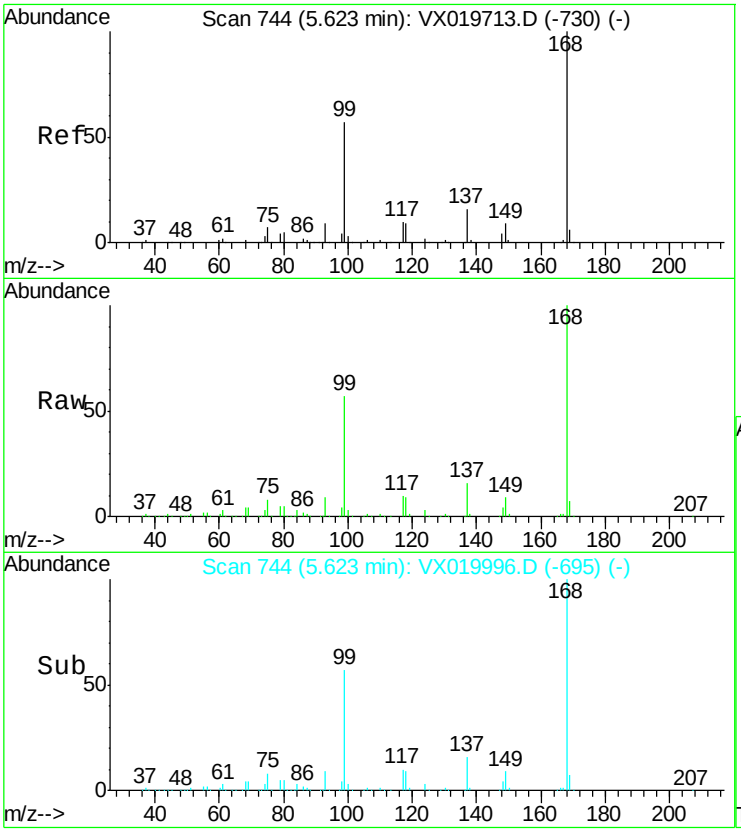
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121420\
Data File : VX019996.D
Acq On : 14 Dec 2020 18:58
Operator : JC/MD
Sample : L5039-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
JBD-WC-SB-03

Quant Time: Dec 15 00:25:58 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 04 15:32:53 2020
Response via : Initial Calibration



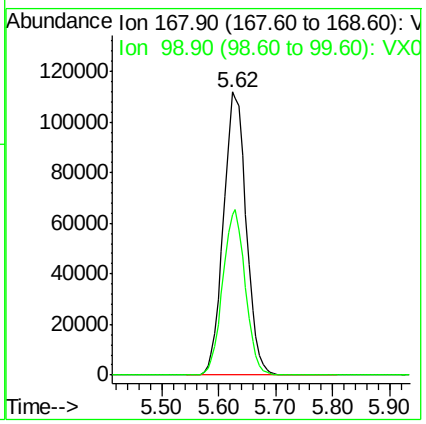


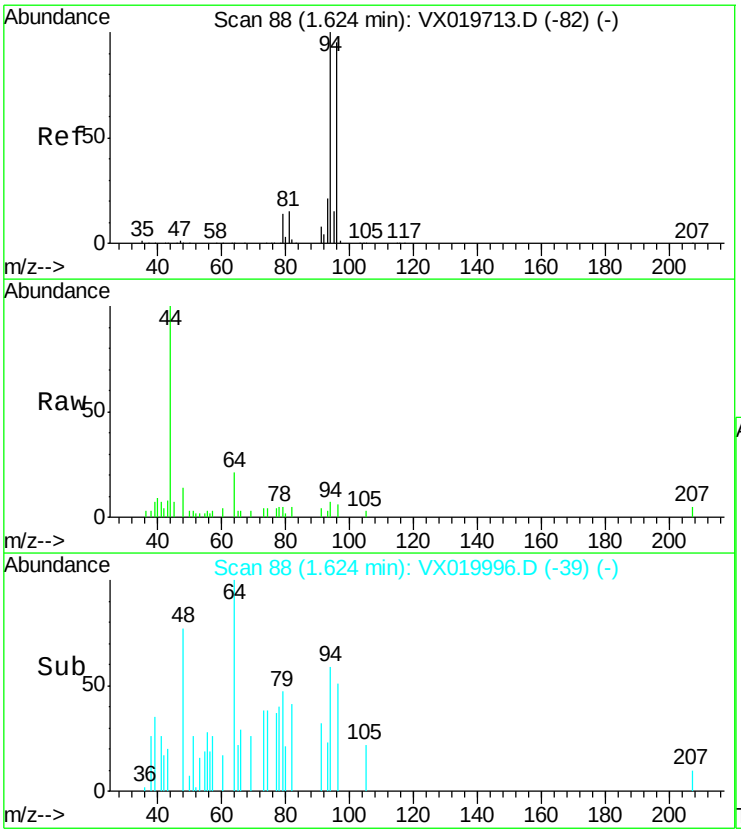
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.62 min Scan# 744
Delta R.T. 0.00 min
Lab File: VX019996.D
Acq: 14 Dec 2020 18:58

Instrument :
MSVOA_X
ClientSampleId :
JBD-WC-SB-03

Tgt Ion:168 Resp: 312256

Ion	Ratio	Lower	Upper
168	100		
99	56.6	45.8	68.6

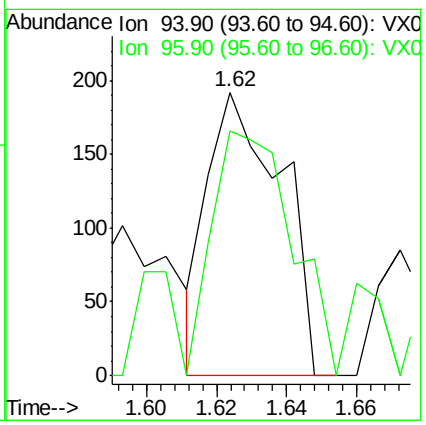


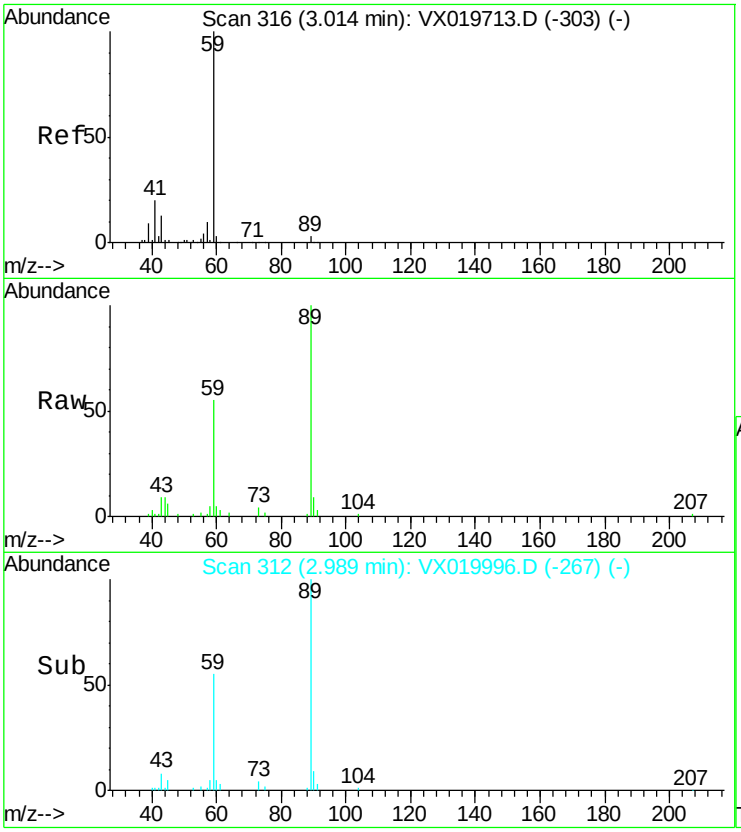


#5
Bromomethane
Concen: 0.237 ug/l
RT: 1.62 min Scan# 88
Delta R.T. 0.00 min
Lab File: VX019996.D
Acq: 14 Dec 2020 18:58

Tgt Ion: 94 Resp: 279

Ion	Ratio	Lower	Upper
94	100		
96	86.5	76.4	114.6



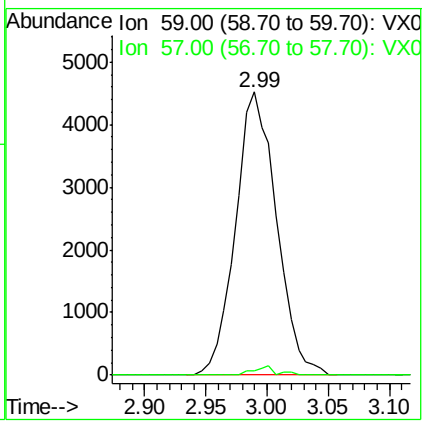


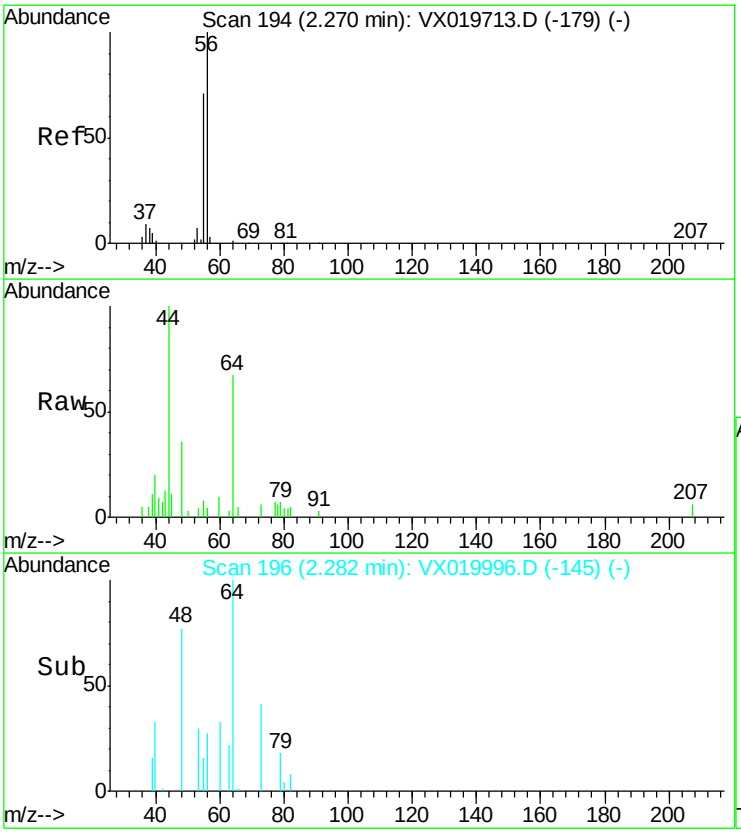
#11
Tert butyl alcohol
Concen: 9.968 ug/l
RT: 2.99 min Scan# 312
Delta R.T. -0.02 min
Lab File: VX019996.D
Acq: 14 Dec 2020 18:58

Instrument :
MSVOA_X
ClientSampleId :
JBD-WC-SB-03

Tgt Ion: 59 Resp: 10527

Ion	Ratio	Lower	Upper
59	100		
57	1.7	7.8	11.8#

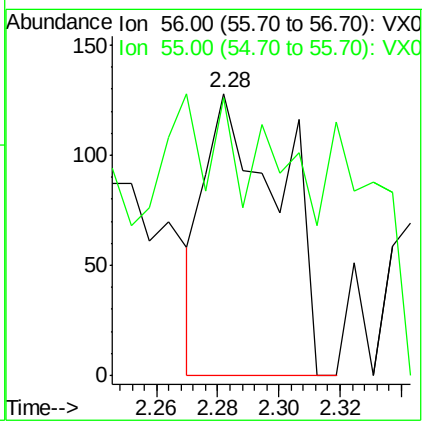


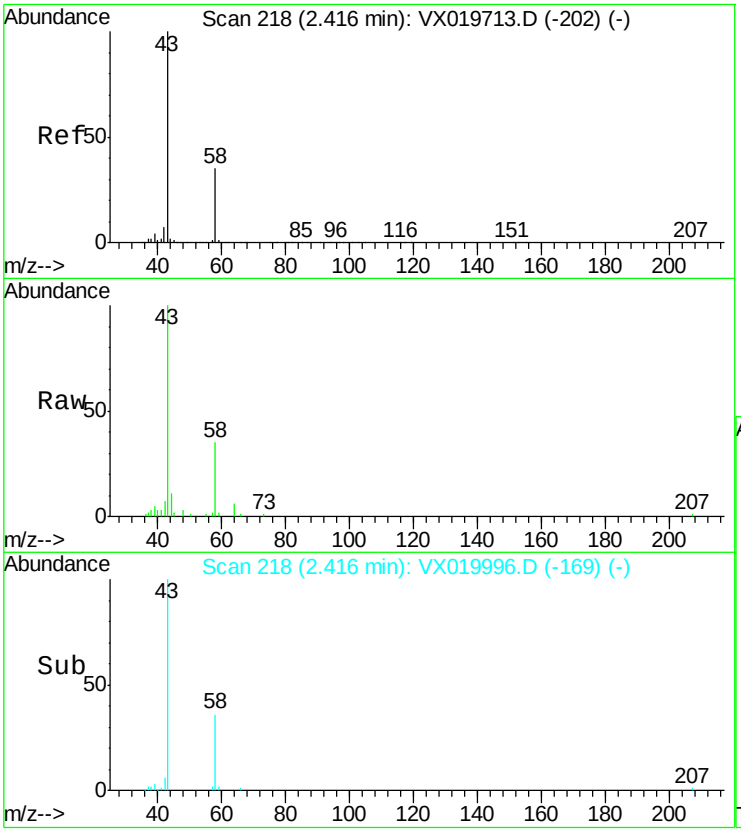


#13
Acrolein
Concen: 0.479 ug/l
RT: 2.28 min Scan# 196
Delta R.T. 0.01 min
Lab File: VX019996.D
Acq: 14 Dec 2020 18:58

Tgt Ion: 56 Resp: 217

Ion	Ratio	Lower	Upper
56	100		
55	20.7	56.4	84.6#



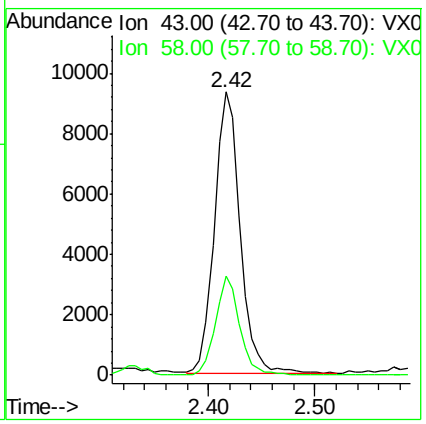


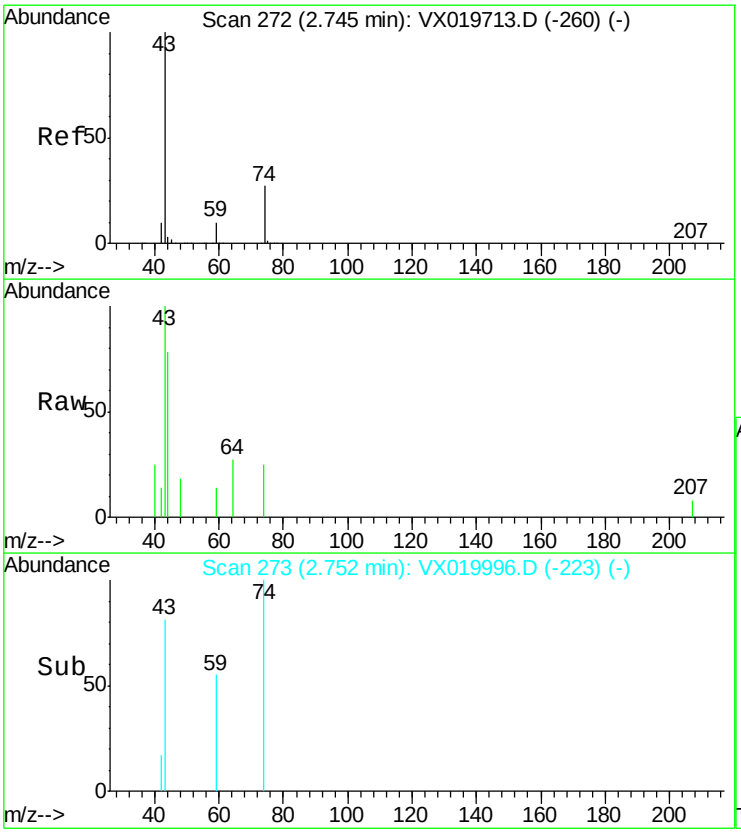
#16
Acetone
Concen: 10.091 ug/l
RT: 2.42 min Scan# 218
Delta R.T. 0.00 min
Lab File: VX019996.D
Acq: 14 Dec 2020 18:58

Instrument :
MSVOA_X
ClientSampleId :
JBD-WC-SB-03

Tgt Ion: 43 Resp: 15566

Ion	Ratio	Lower	Upper
43	100		
58	35.3	27.8	41.8

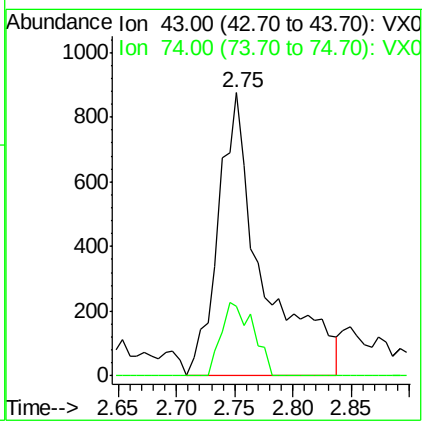


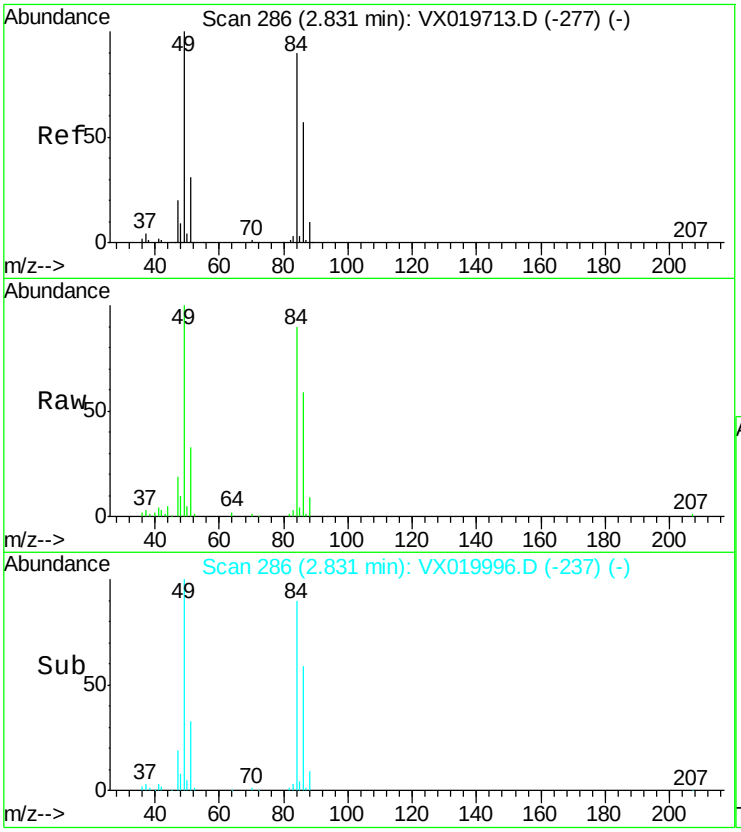


#18
Methyl Acetate
Concen: 0.617 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.01 min
Lab File: VX019996.D
Acq: 14 Dec 2020 18:58

Tgt Ion: 43 Resp: 2328

Ion	Ratio	Lower	Upper
43	100		
74	18.7	21.9	32.9#



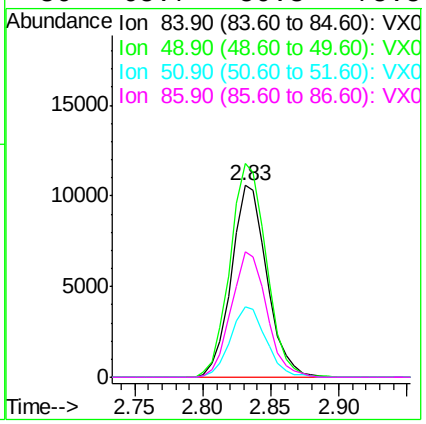


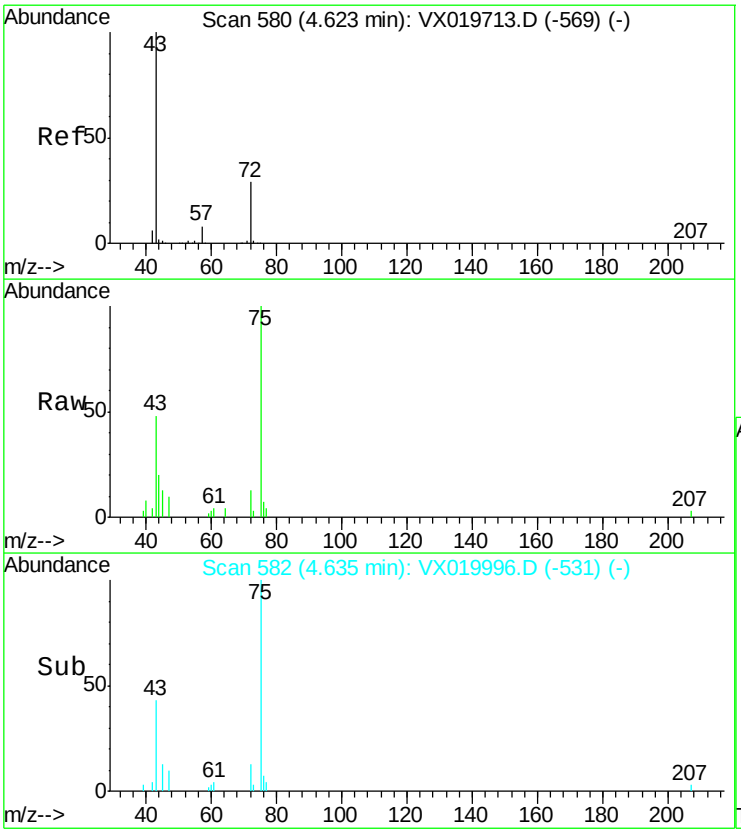
#20
Methylene Chloride
Concen: 4.176 ug/l
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX019996.D
Acq: 14 Dec 2020 18:58

Instrument :
MSVOA_X
ClientSampleId :
JBD-WC-SB-03

Tgt Ion: 84 Resp: 19296

Ion	Ratio	Lower	Upper
84	100		
49	111.3	88.6	132.8
51	36.6	27.0	40.6
86	65.7	50.3	75.5

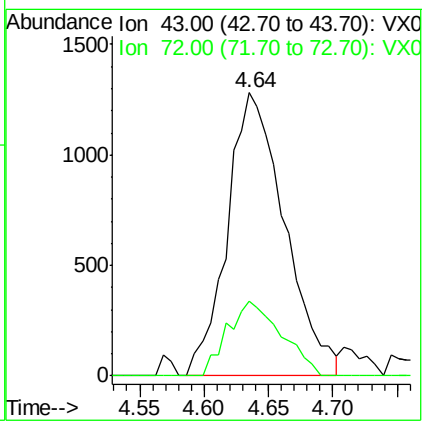


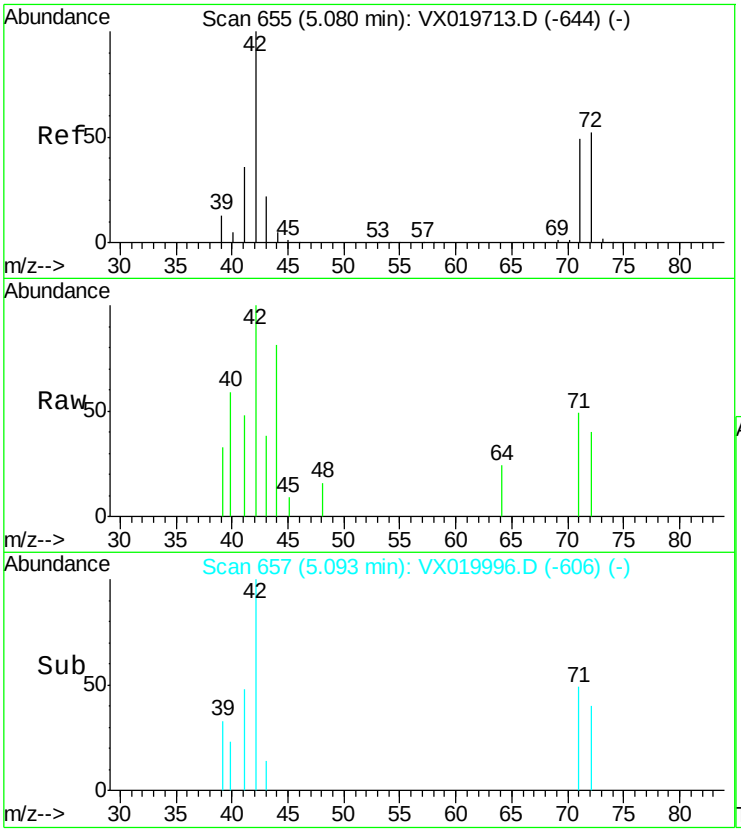


#25
2-Butanone
Concen: 1.674 ug/l
RT: 4.64 min Scan# 582
Delta R.T. 0.01 min
Lab File: VX019996.D
Acq: 14 Dec 2020 18:58

Tgt Ion: 43 Resp: 3969

Ion	Ratio	Lower	Upper
43	100		
72	26.4	23.7	35.5



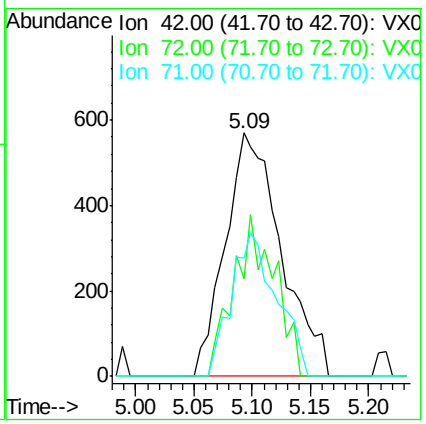


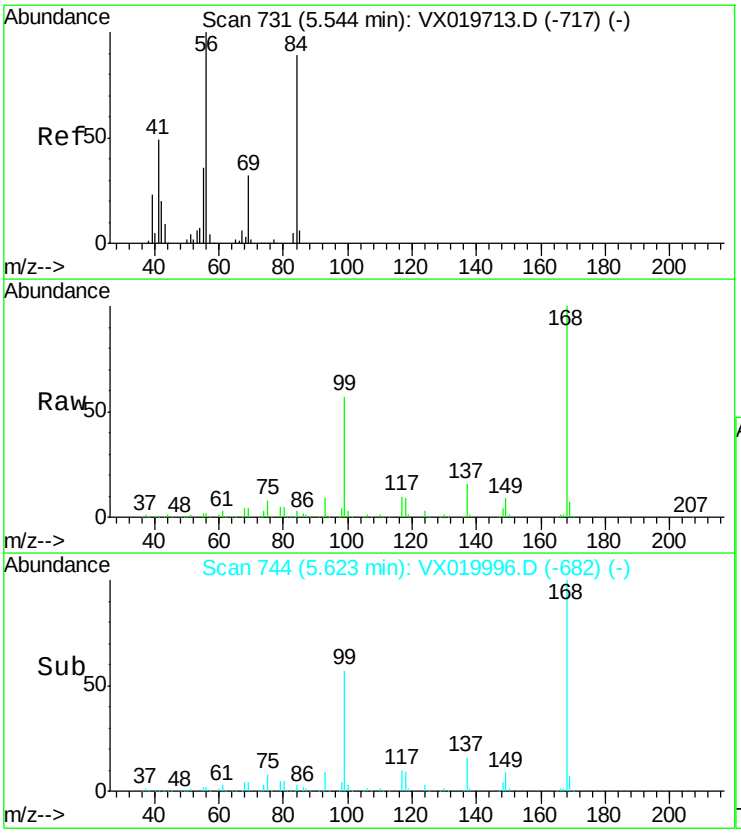
#29
Tetrahydrofuran
Concen: 1.245 ug/l
RT: 5.09 min Scan# 657
Delta R.T. 0.01 min
Lab File: VX019996.D
Acq: 14 Dec 2020 18:58

Instrument :
MSVOA_X
ClientSampleId :
JBD-WC-SB-03

Tgt Ion: 42 Resp: 1902

Ion	Ratio	Lower	Upper
42	100		
72	48.8	41.7	62.5
71	47.8	38.4	57.6

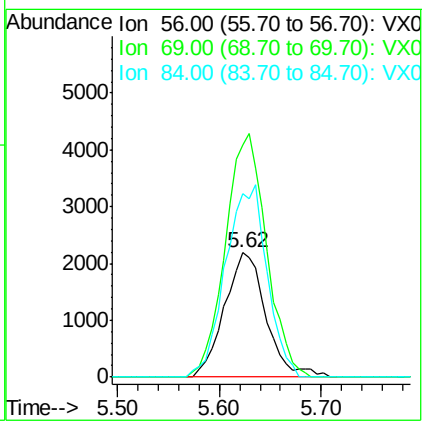


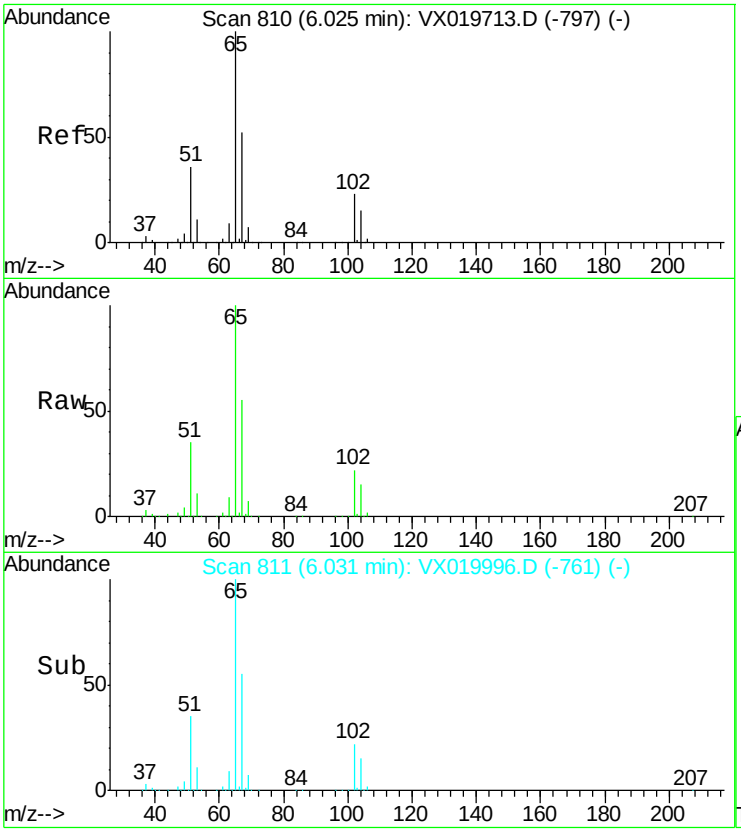


#31
Cyclohexane
Concen: 1.207 ug/l
RT: 5.62 min Scan# 744
Delta R.T. 0.08 min
Lab File: VX019996.D
Acq: 14 Dec 2020 18:58

Tgt Ion: 56 Resp: 6161

Ion	Ratio	Lower	Upper
56	100		
69	186.8	25.3	37.9#
84	147.7	71.4	107.0#



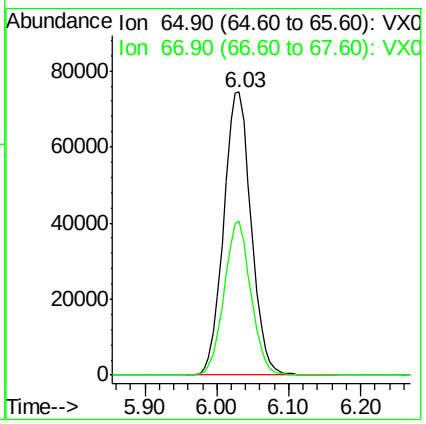


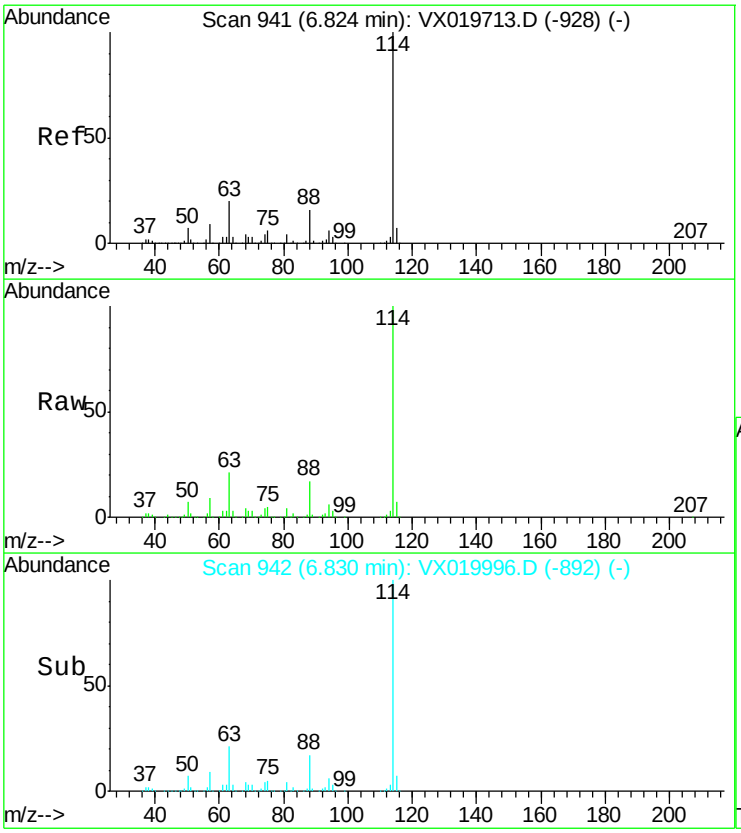
#33
1,2-Dichloroethane-d4
Concen: 48.228 ug/l
RT: 6.03 min Scan# 811
Delta R.T. 0.01 min
Lab File: VX019996.D
Acq: 14 Dec 2020 18:58

Instrument : MSVOA_X
ClientSampleId : JBD-WC-SB-03

Tgt Ion: 65 Resp: 197927

Ion	Ratio	Lower	Upper
65	100		
67	52.9	0.0	105.4

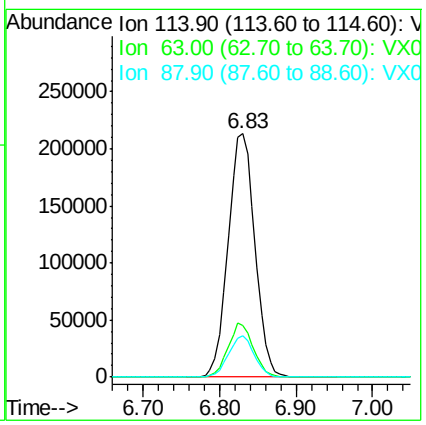


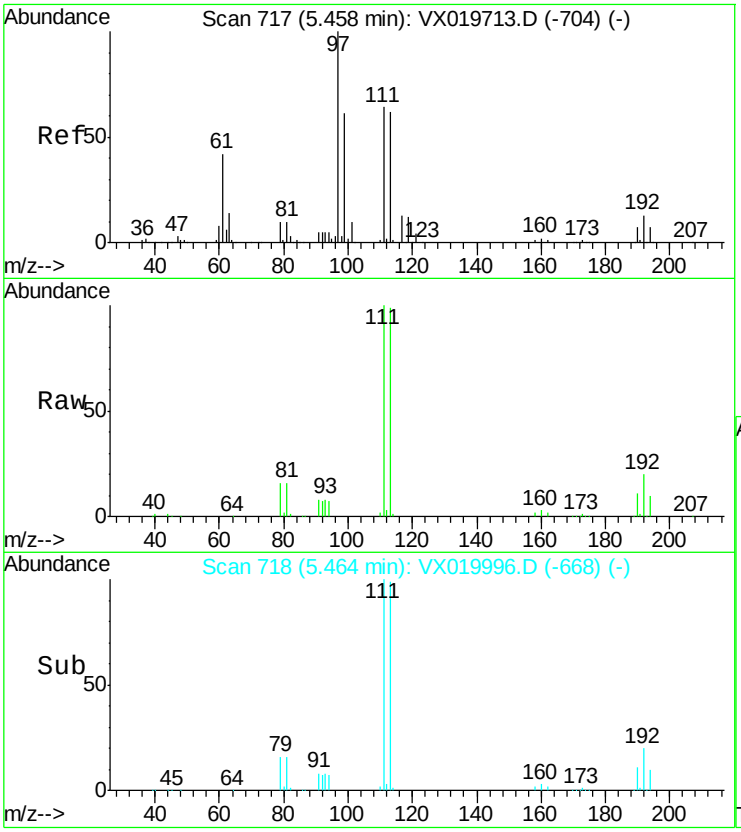


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.83 min Scan# 942
Delta R.T. 0.01 min
Lab File: VX019996.D
Acq: 14 Dec 2020 18:58

Tgt Ion:114 Resp: 515558

Ion	Ratio	Lower	Upper
114	100		
63	21.3	0.0	40.8
88	16.8	0.0	32.8



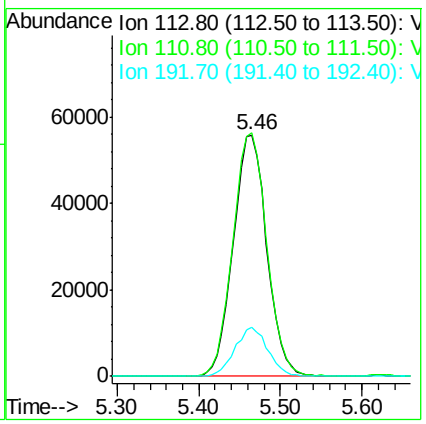


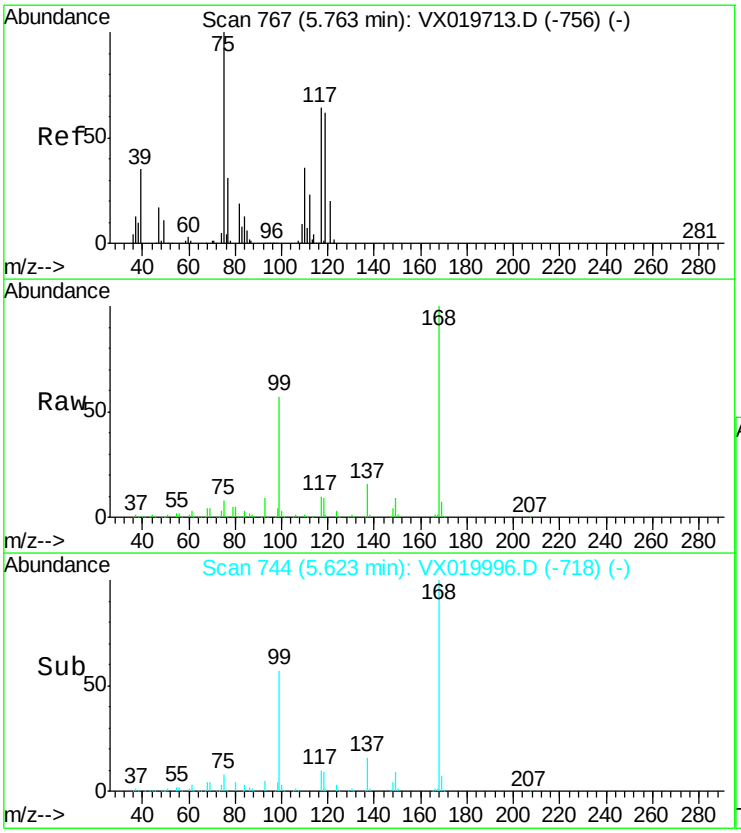
#35
Dibromofluoromethane
Concen: 47.874 ug/l
RT: 5.46 min Scan# 718
Delta R.T. 0.01 min
Lab File: VX019996.D
Acq: 14 Dec 2020 18:58

Instrument :
MSVOA_X
ClientSampleId :
JBD-WC-SB-03

Tgt Ion:113 Resp: 159514

Ion	Ratio	Lower	Upper
113	100		
111	102.1	81.9	122.9
192	20.0	16.7	25.1

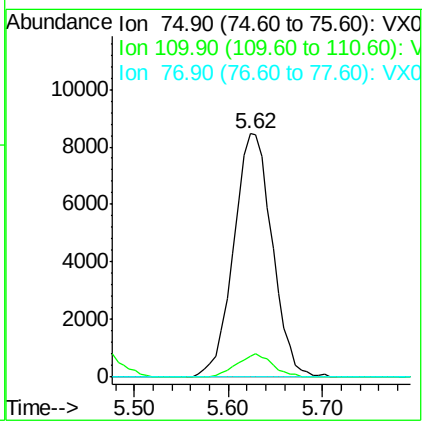


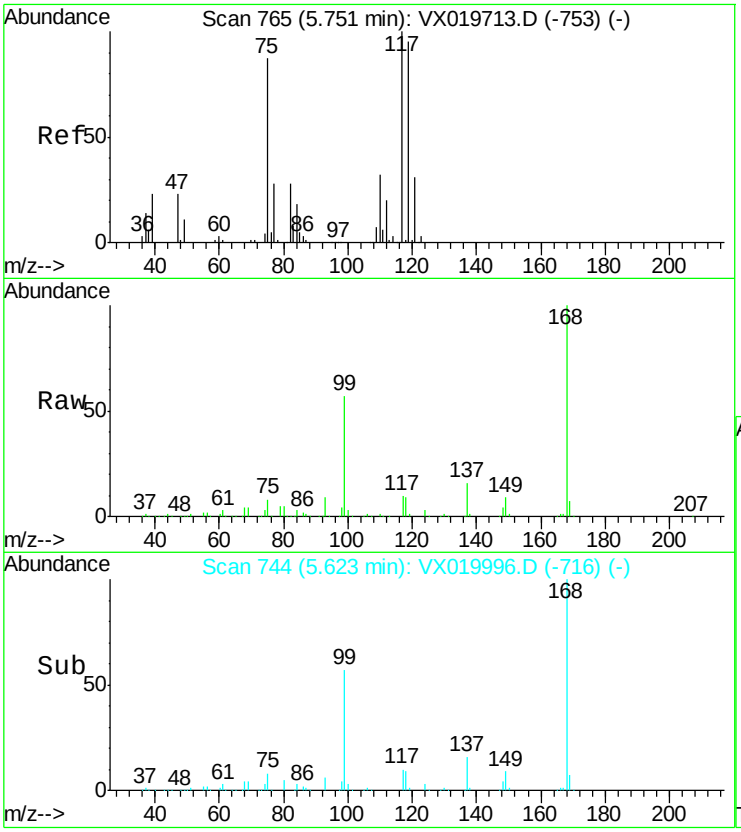


#36
1,1-Dichloropropene
Concen: 5.160 ug/l
RT: 5.62 min Scan# 744
Delta R.T. -0.14 min
Lab File: VX019996.D
Acq: 14 Dec 2020 18:58

Tgt Ion: 75 Resp: 24041

Ion	Ratio	Lower	Upper
75	100		
110	9.0	18.1	54.4#
77	0.0	25.3	37.9#



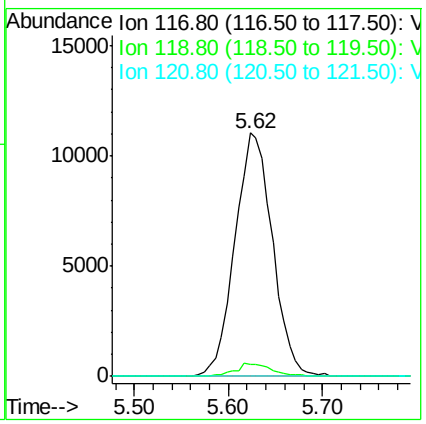


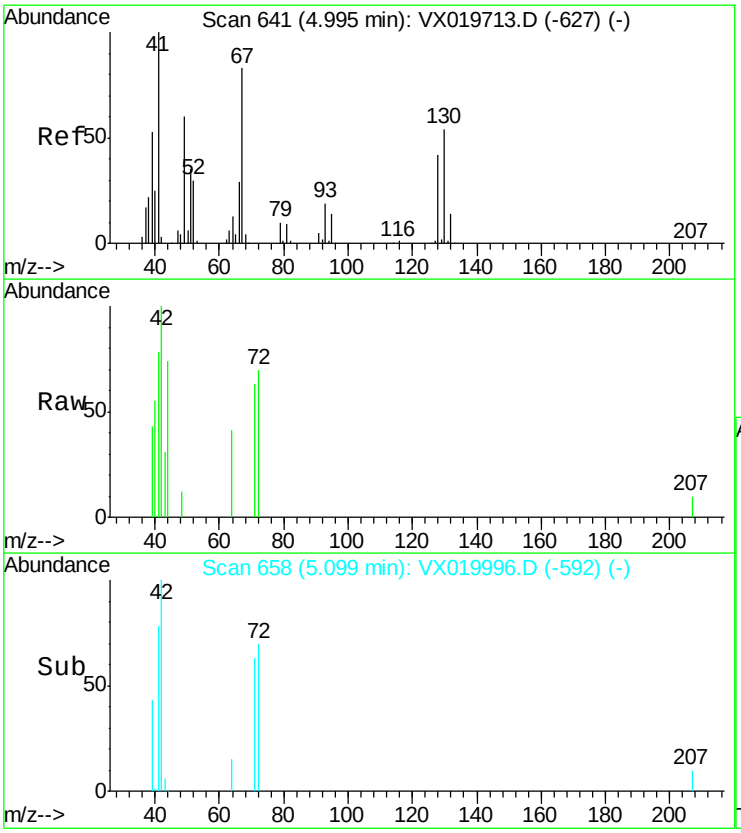
#38
Carbon Tetrachloride
Concen: 6.703 ug/l
RT: 5.62 min Scan# 744
Delta R.T. -0.13 min
Lab File: VX019996.D
Acq: 14 Dec 2020 18:58

Instrument :
MSVOA_X
ClientSampleId :
JBD-WC-SB-03

Tgt Ion:117 Resp: 30579

Ion	Ratio	Lower	Upper
117	100		
119	5.1	76.2	114.2#
121	0.0	24.8	37.2#

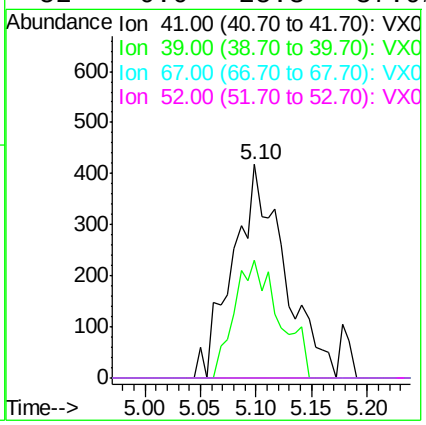


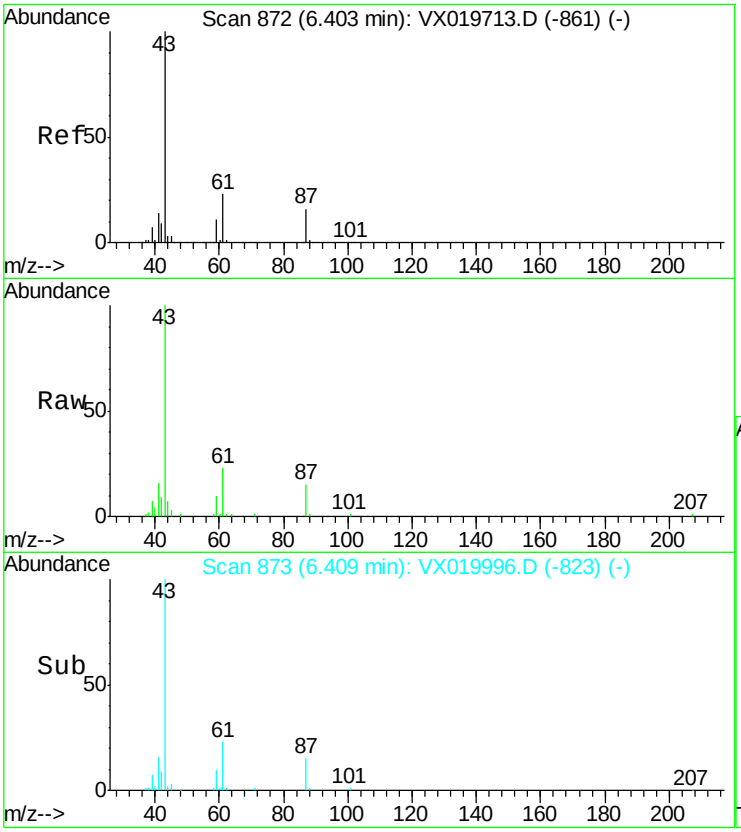


#41
Methacrylonitrile
Concen: 0.518 ug/l
RT: 5.10 min Scan# 658
Delta R.T. 0.10 min
Lab File: VX019996.D
Acq: 14 Dec 2020 18:58

Tgt Ion: 41 Resp: 1337

Ion	Ratio	Lower	Upper
41	100		
39	48.3	42.5	63.7
67	0.0	65.0	97.6#
52	0.0	25.3	37.9#



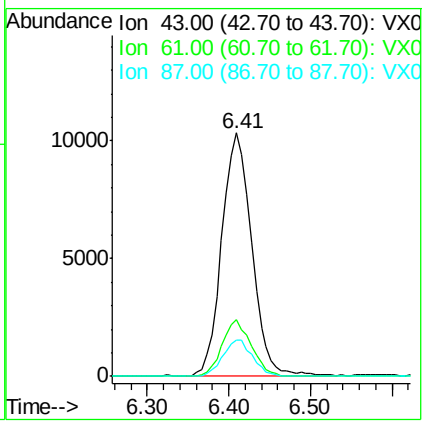


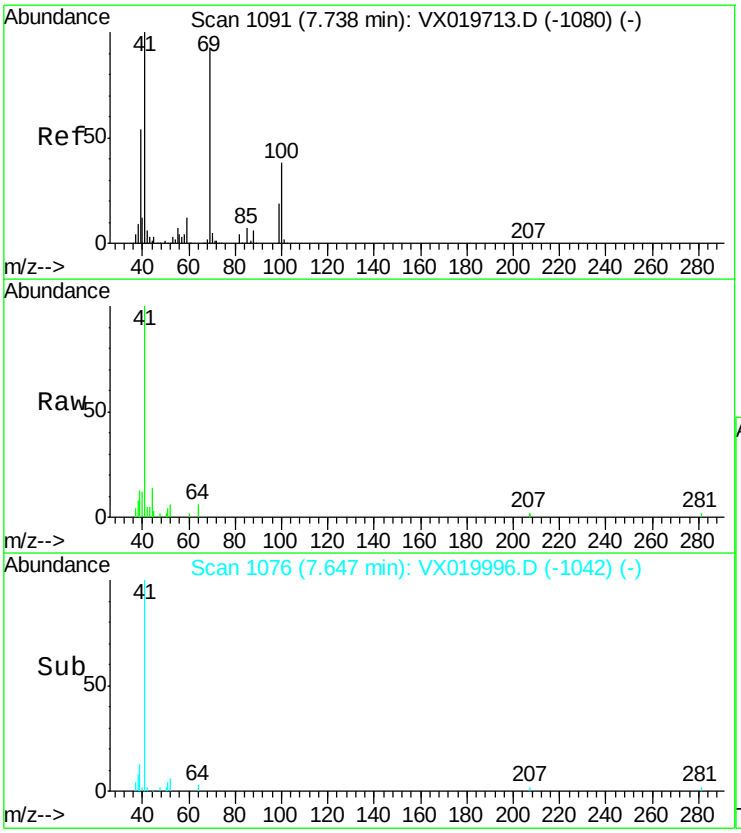
#43
Isopropyl Acetate
Concen: 3.453 ug/l
RT: 6.41 min Scan# 873
Delta R.T. 0.01 min
Lab File: VX019996.D
Acq: 14 Dec 2020 18:58

Instrument :
MSVOA_X
ClientSampleId :
JBD-WC-SB-03

Tgt Ion: 43 Resp: 26407

Ion	Ratio	Lower	Upper
43	100		
61	22.3	18.2	27.4
87	14.5	12.5	18.7

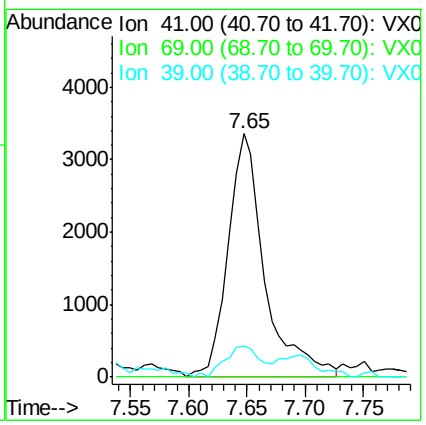


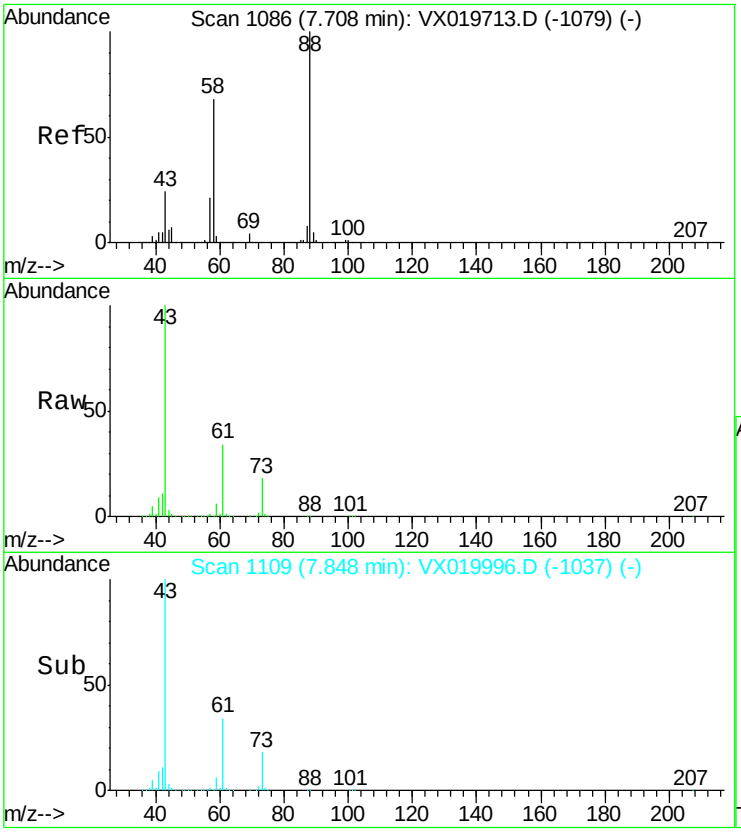


#48
Methyl methacrylate
Concen: 1.964 ug/l
RT: 7.65 min Scan# 1076
Delta R.T. -0.09 min
Lab File: VX019996.D
Acq: 14 Dec 2020 18:58

Tgt Ion: 41 Resp: 7386

Ion	Ratio	Lower	Upper
41	100		
69	0.0	76.0	114.0#
39	0.0	44.6	67.0#



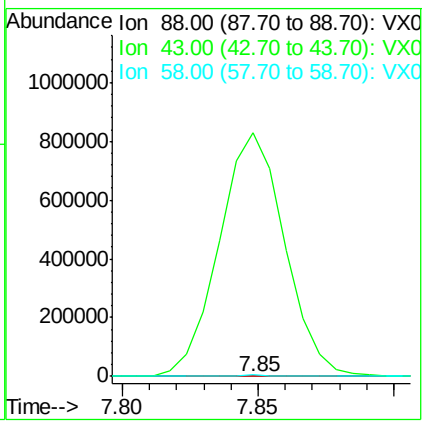


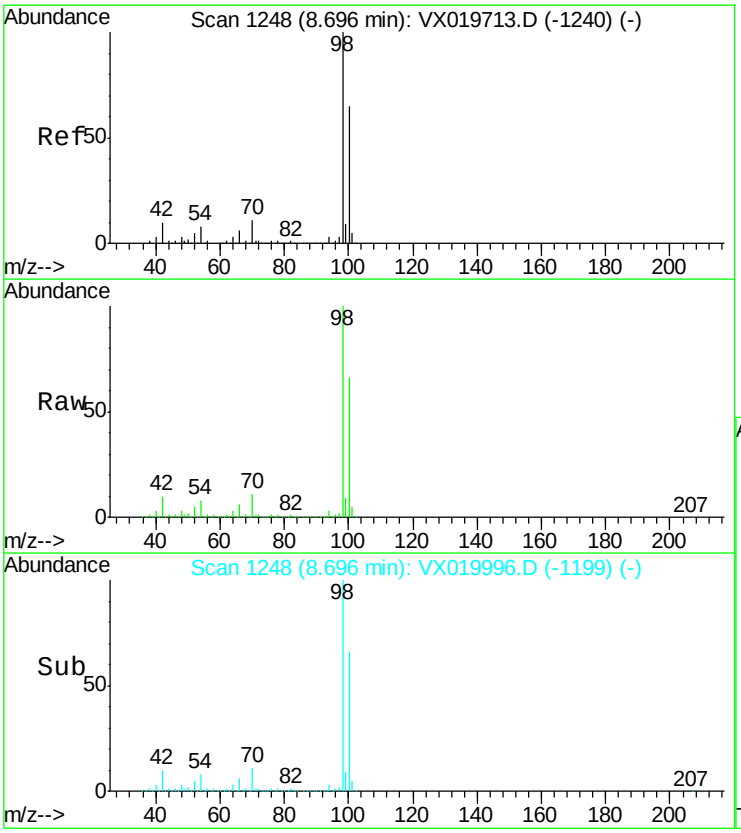
#49
1,4-Dioxane
Concen: 2.459 ug/l
RT: 7.85 min Scan# 1109
Delta R.T. 0.14 min
Lab File: VX019996.D
Acq: 14 Dec 2020 18:58

Instrument : MSVOA_X
ClientSampleId : JBD-WC-SB-03

Tgt Ion: 88 Resp: 224

Ion	Ratio	Lower	Upper
88	100		
43	620269.6	23.2	34.8#
58	3090.6	55.0	82.4#

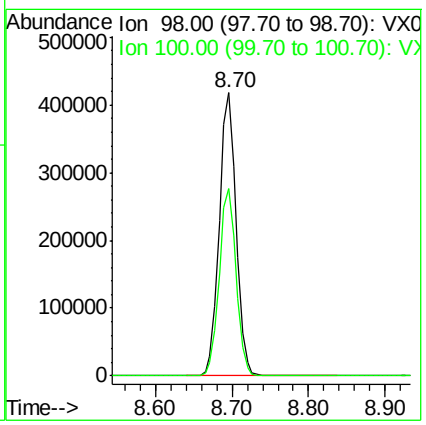


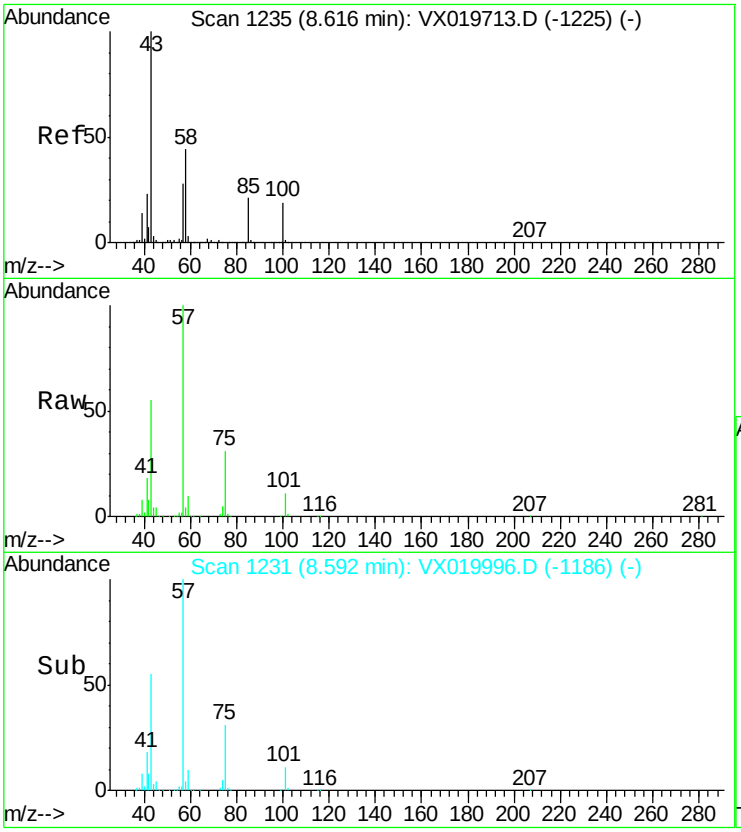


#50
Toluene-d8
Concen: 49.944 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX019996.D
Acq: 14 Dec 2020 18:58

Tgt Ion: 98 Resp: 635313

Ion	Ratio	Lower	Upper
98	100		
100	66.3	51.9	77.9



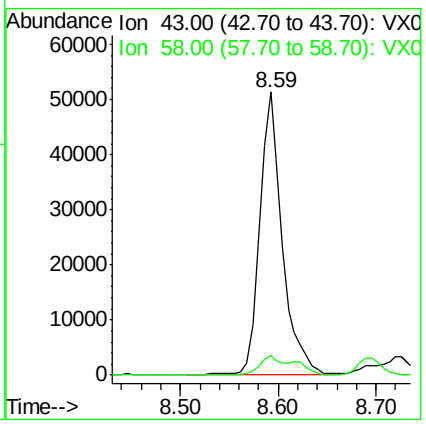


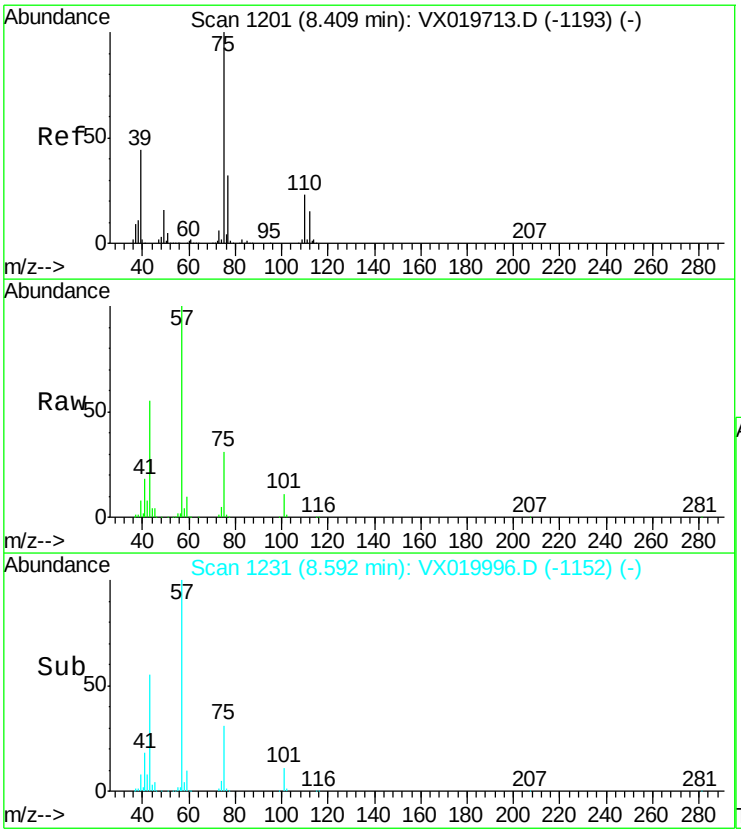
#51
4-Methyl-2-Pentanone
Concen: 17.384 ug/l
RT: 8.59 min Scan# 1231
Delta R.T. -0.02 min
Lab File: VX019996.D
Acq: 14 Dec 2020 18:58

Instrument :
MSVOA_X
ClientSampleId :
JBD-WC-SB-03

Tgt Ion: 43 Resp: 81168

Ion	Ratio	Lower	Upper
43	100		
58	7.2	35.4	53.0#

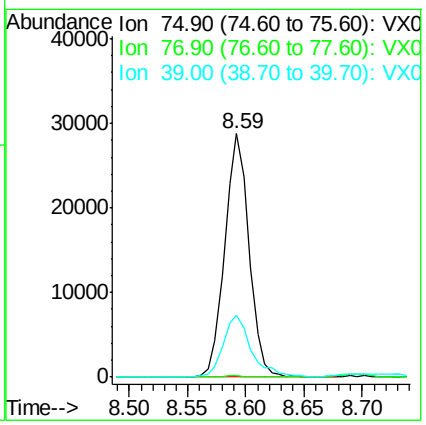


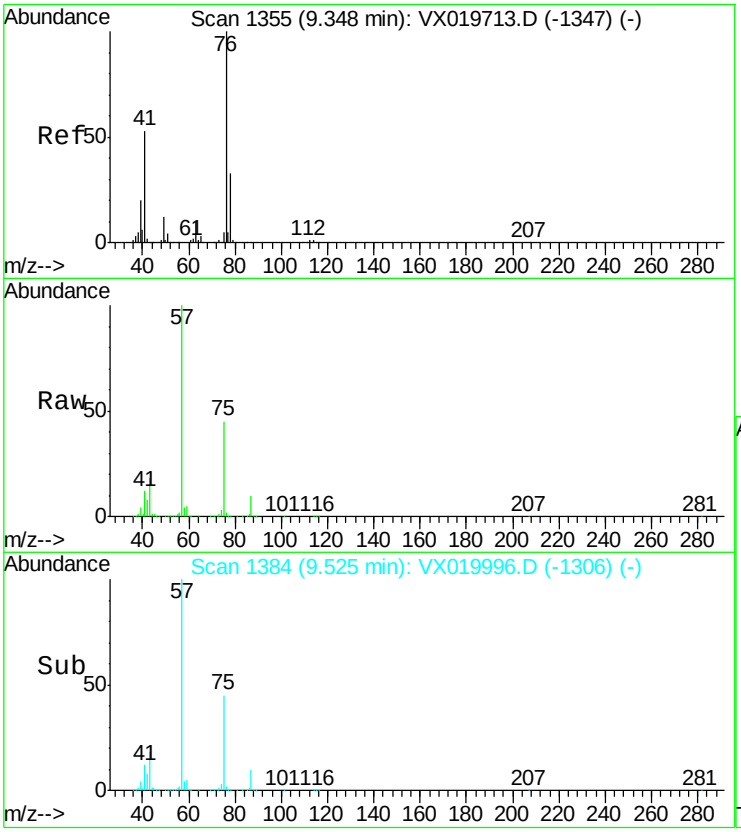


#54
cis-1,3-Dichloropropene
Concen: 7.231 ug/l
RT: 8.59 min Scan# 1231
Delta R.T. 0.18 min
Lab File: VX019996.D
Acq: 14 Dec 2020 18:58

Tgt Ion: 75 Resp: 41548

Ion	Ratio	Lower	Upper
75	100		
77	0.5	25.7	38.5#
39	25.5	35.1	52.7#



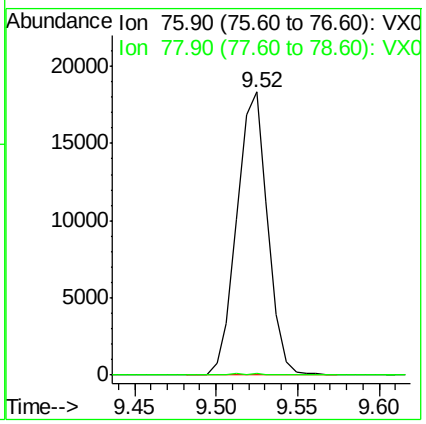


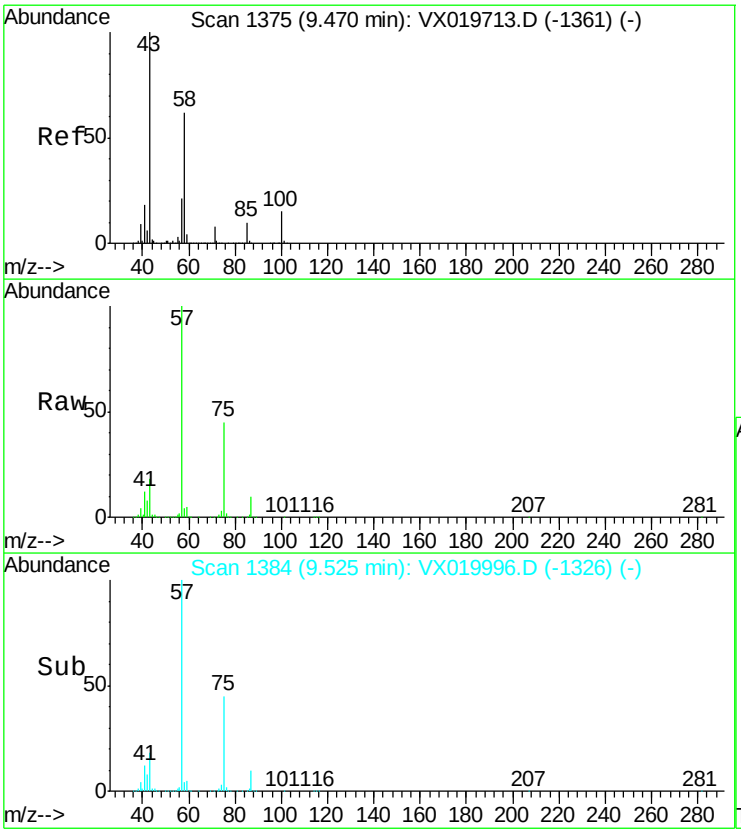
#57
1,3-Dichloropropane
Concen: 3.932 ug/l
RT: 9.52 min Scan# 1384
Delta R.T. 0.18 min
Lab File: VX019996.D
Acq: 14 Dec 2020 18:58

Instrument : MSVOA_X
ClientSampleId : JBD-WC-SB-03

Tgt Ion: 76 Resp: 24079

Ion	Ratio	Lower	Upper
76	100		
78	0.4	26.2	39.2#

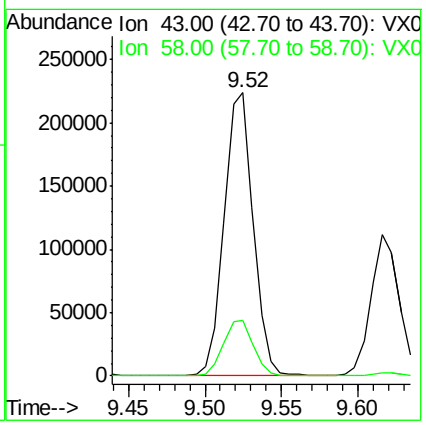


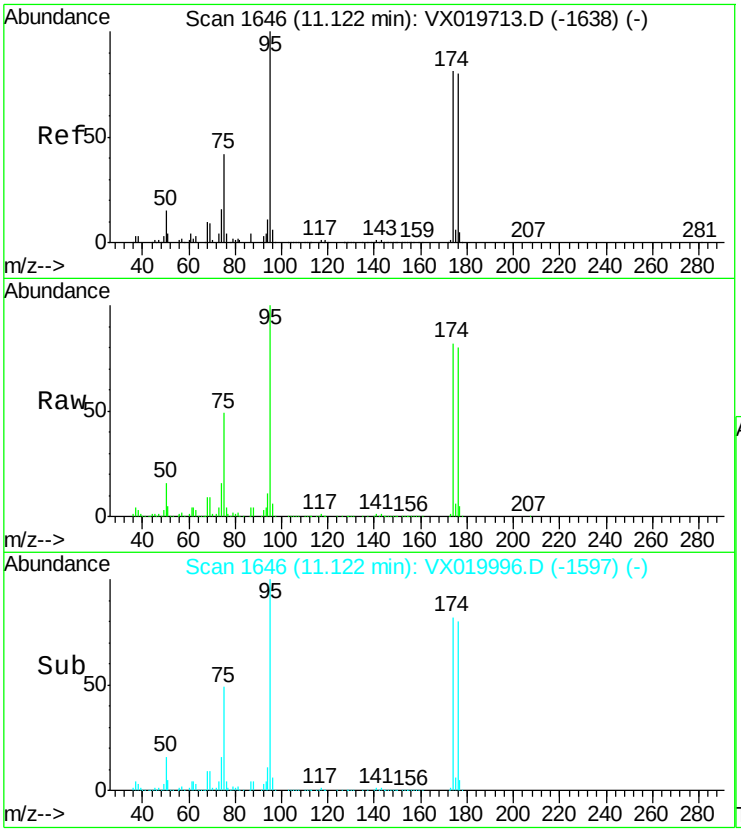


#59
2-Hexanone
Concen: 80.852 ug/l
RT: 9.52 min Scan# 1384
Delta R.T. 0.05 min
Lab File: VX019996.D
Acq: 14 Dec 2020 18:58

Tgt Ion: 43 Resp: 292612

Ion	Ratio	Lower	Upper
43	100		
58	20.3	30.9	92.8#



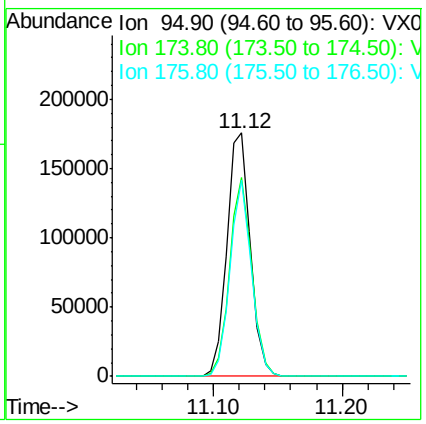


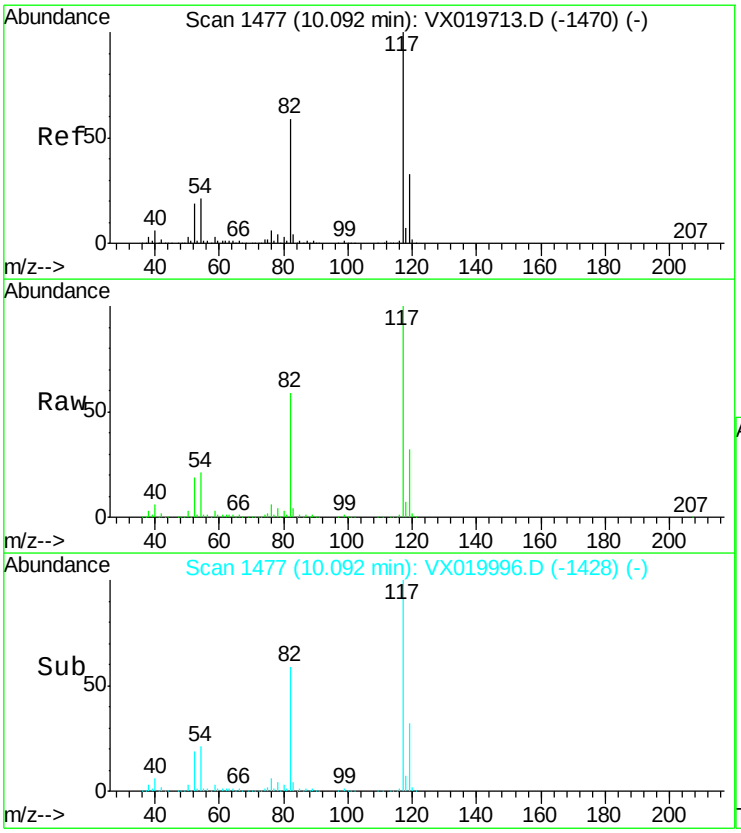
#62
4-Bromofluorobenzene
Concen: 46.320 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX019996.D
Acq: 14 Dec 2020 18:58

Instrument :
MSVOA_X
ClientSampleId :
JBD-WC-SB-03

Tgt Ion: 95 Resp: 224263

Ion	Ratio	Lower	Upper
95	100		
174	77.4	0.0	154.6
176	74.2	0.0	155.8

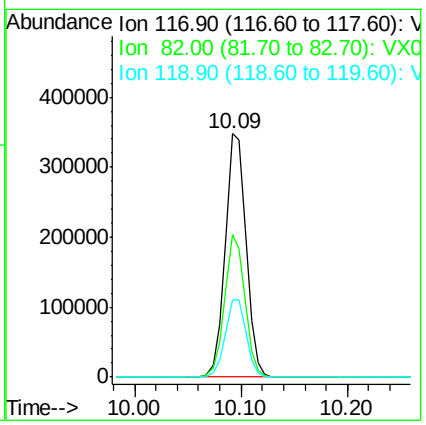


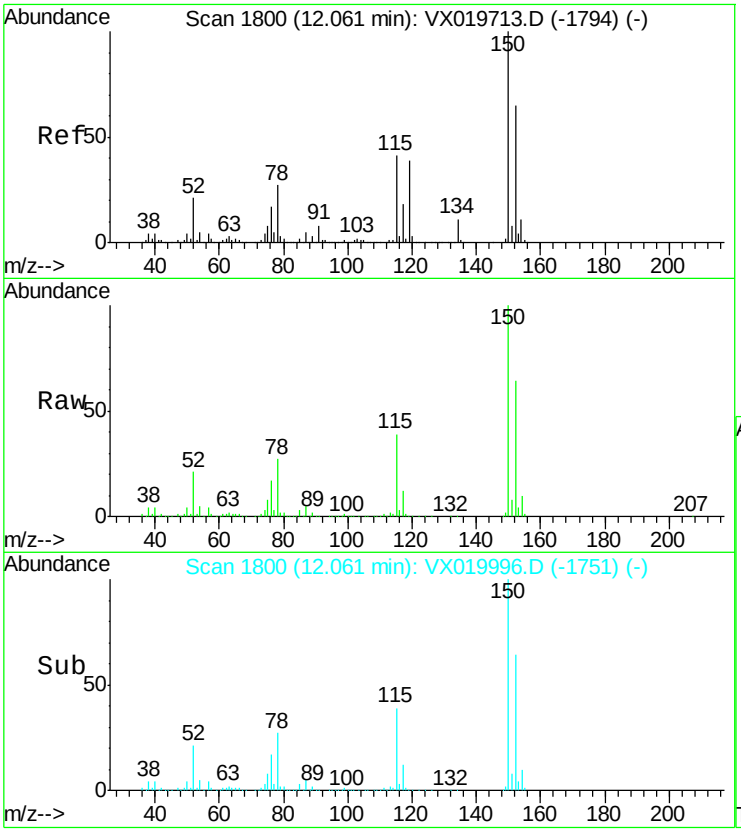


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.09 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX019996.D
Acq: 14 Dec 2020 18:58

Tgt Ion:117 Resp: 479150

Ion	Ratio	Lower	Upper
117	100		
82	58.6	47.4	71.2
119	31.9	26.6	39.8



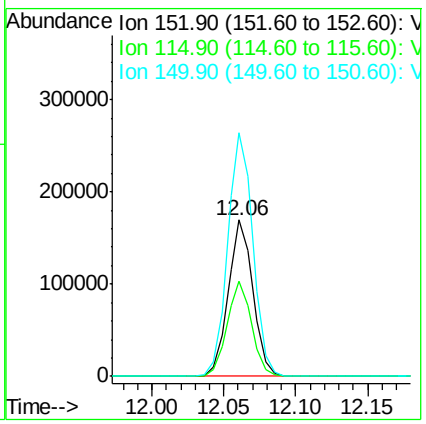


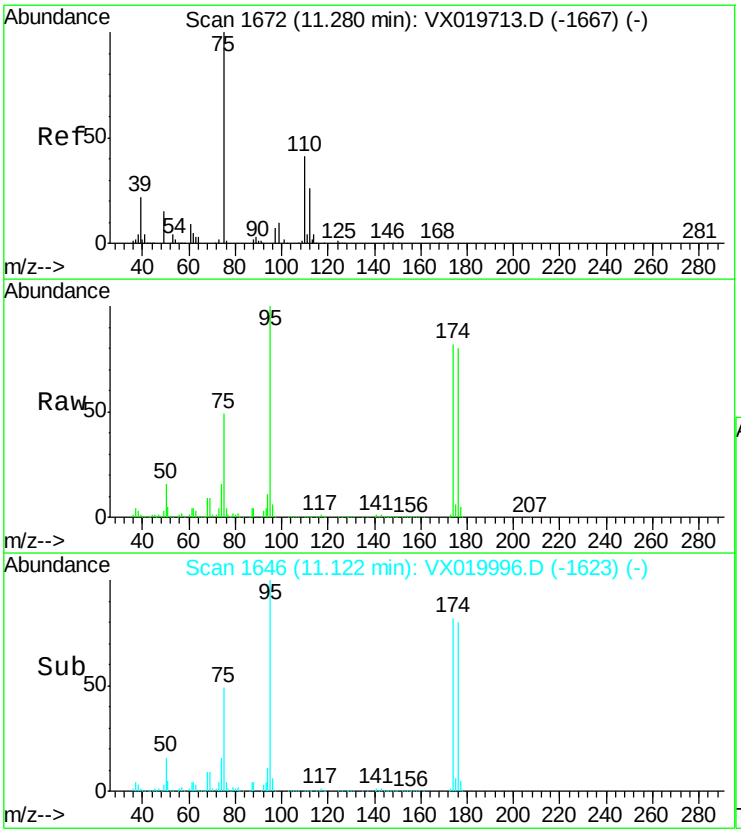
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VX019996.D
Acq: 14 Dec 2020 18:58

Instrument :
MSVOA_X
ClientSampleId :
JBD-WC-SB-03

Tgt Ion:152 Resp: 204030

Ion	Ratio	Lower	Upper
152	100		
115	60.1	41.1	123.3
150	159.2	0.0	349.0

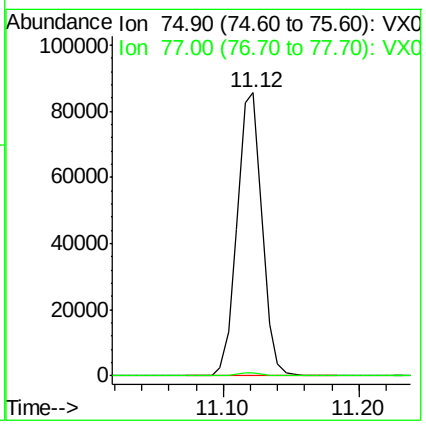


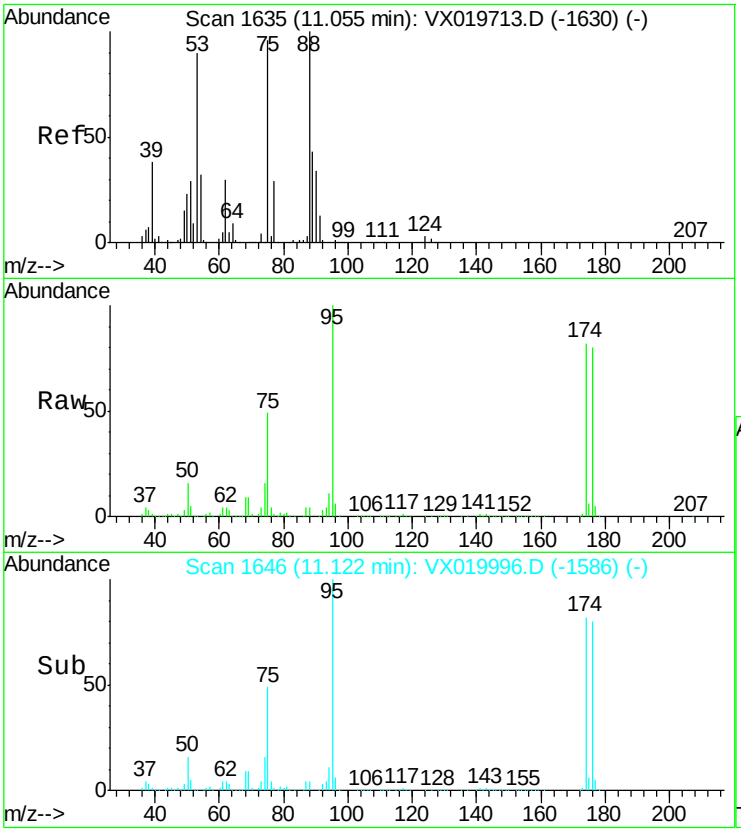


#76
1,2,3-Trichloropropane
Concen: 23.769 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.16 min
Lab File: VX019996.D
Acq: 14 Dec 2020 18:58

Tgt Ion: 75 Resp: 108770

Ion	Ratio	Lower	Upper
75	100		
77	1.2	19.1	57.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 68.713 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.07 min
Lab File: VX019996.D
Acq: 14 Dec 2020 18:58

Instrument :
MSVOA_X
ClientSampleId :
JBD-WC-SB-03

Tgt Ion: 75 Resp: 108770

Ion	Ratio	Lower	Upper
75	100		
53	0.1	74.5	111.7#
89	0.0	37.9	56.9#