Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121220\
Data File : VX019968.D
Acq On : 13 Dec 2020 05:58
Operator : JC/MD
Sample : L5065-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : JBD-WC-S-SB-01-0-52

Quant Time: Dec 14 08:25:32 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	5.63	168	297997	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.83	114	490778	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.10	117	458255	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	192171	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.03	65	192805	49.23	ug/l		0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 98.46%				
35) Dibromofluoromethane	5.46	113	153366	48.35	ug/l		0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 96.70%				
50) Toluene-d8	8.70	98	609530	50.34	ug/l		0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 100.68%				
62) 4-Bromofluorobenzene	11.12	95	210770	45.73	ug/l		0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 91.46%				
Target Compounds							Qvalue
5) Bromomethane	1.63	94	276	0.246	ug/l		99
11) Tert butyl alcohol	3.00	59	7570	6.860	ug/l	#	80
13) Acrolein	2.28	56	168	0.389	ug/l	#	3
16) Acetone	2.42	43	18897	12.836	ug/l		99
18) Methyl Acetate	2.75	43	3992	1.108	ug/l		97
20) Methylene Chloride	2.84	84	14398	2.946	ug/l		99
25) 2-Butanone	4.63	43	4726	2.089	ug/l		95
29) Tetrahydrofuran	5.09	42	1813	1.244	ug/l		93
31) Cyclohexane	5.63	56	5712	1.172	ug/l	#	1
36) 1,1-Dichloropropene	5.63	75	22713	5.121	ug/l	#	49
37) Ethyl Acetate	4.80	43	3111	0.695	ug/l	#	86
38) Carbon Tetrachloride	5.62	117	29540	6.802	ug/l	#	17
41) Methacrylonitrile	5.10	41	1210	0.492	ug/l	#	43
43) Isopropyl Acetate	6.41	43	25847	3.551	ug/l		99
48) Methyl methacrylate	7.65	41	6894	1.926	ug/l	#	10
49) 1,4-Dioxane	7.85	88	287	3.309	ug/l	#	1
51) 4-Methyl-2-Pentanone	8.59	43	84951	19.113	ug/l	#	47
52) Toluene	8.76	92	2196	0.259	ug/l		99
54) cis-1,3-Dichloropropene	8.59	75	43857	8.018	ug/l	#	59
57) 1,3-Dichloropropane	9.52	76	26534	4.551	ug/l	#	43
59) 2-Hexanone	9.52	43	322659	93.656	ug/l	#	46
74) N-amyl acetate	10.80	43	1238	0.235	ug/l	#	50
76) 1,2,3-Trichloropropane	11.12	75	102477	23.776	ug/l	#	39
81) trans-1,4-Dichloro-2-buten	11.12	75	102477	68.733	ug/l	#	12
90) Hexachloroethane	12.59	117	437	0.223	ug/l	#	9
95) Naphthalene	13.82	128	11081	0.873	ug/l	#	84

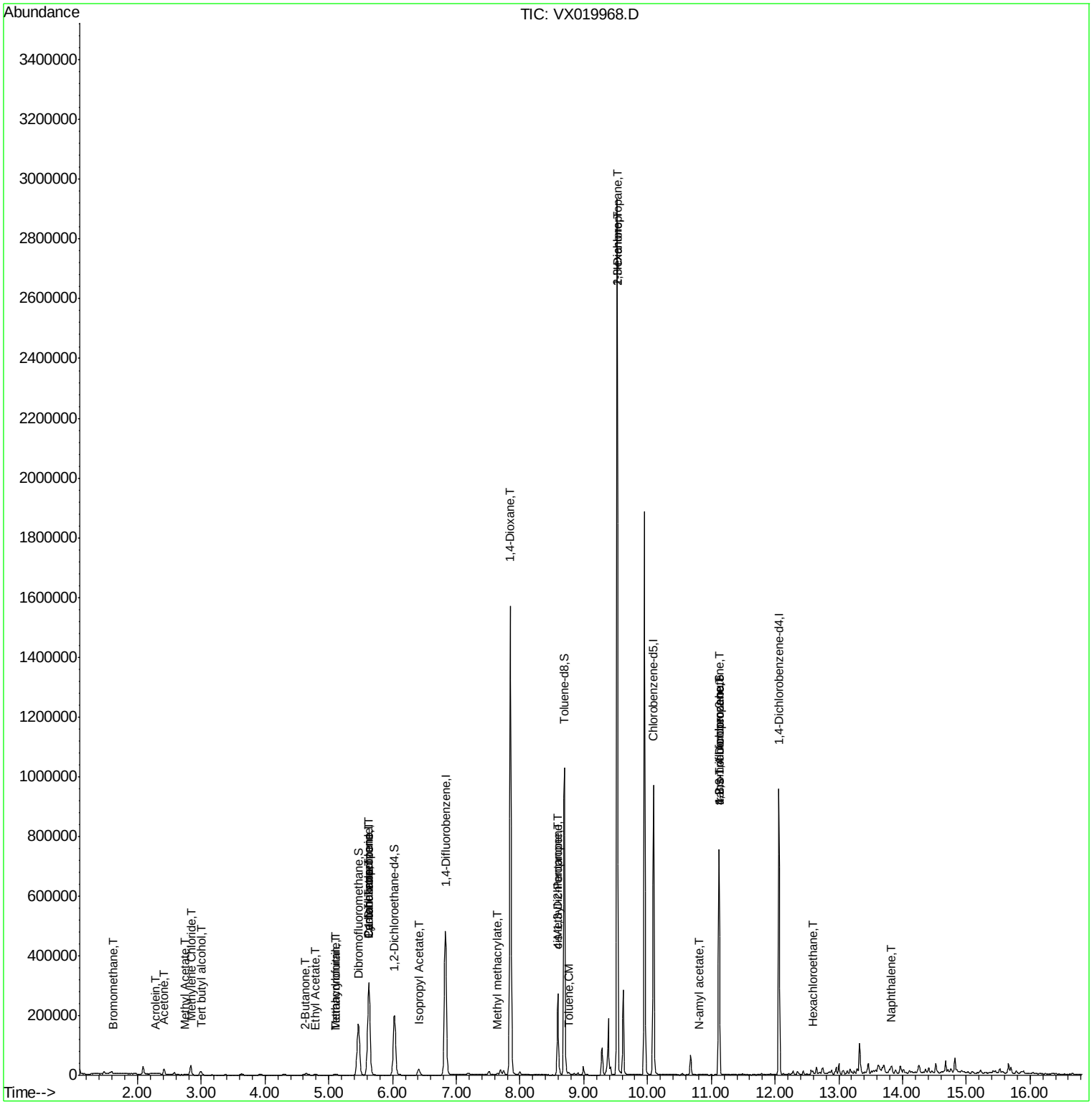
(#) = qualifier out of range (m) = manual integration (+) = signals summed

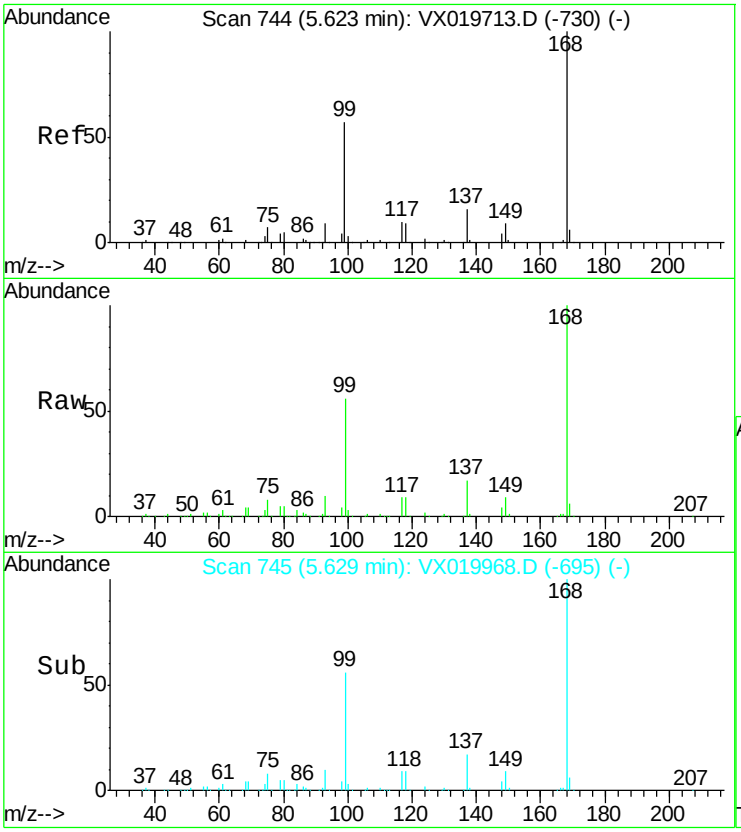
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121220\
Data File : VX019968.D
Acq On : 13 Dec 2020 05:58
Operator : JC/MD
Sample : L5065-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
JBD-WC-S-SB-01-0-52

Quant Time: Dec 14 08:25:32 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



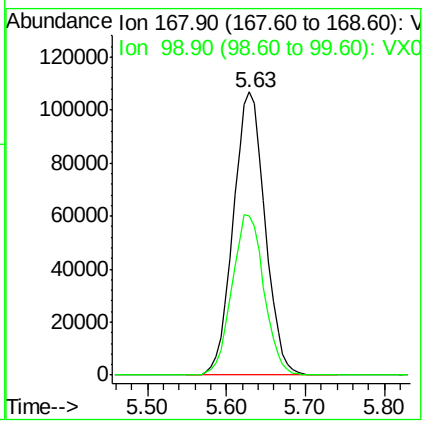


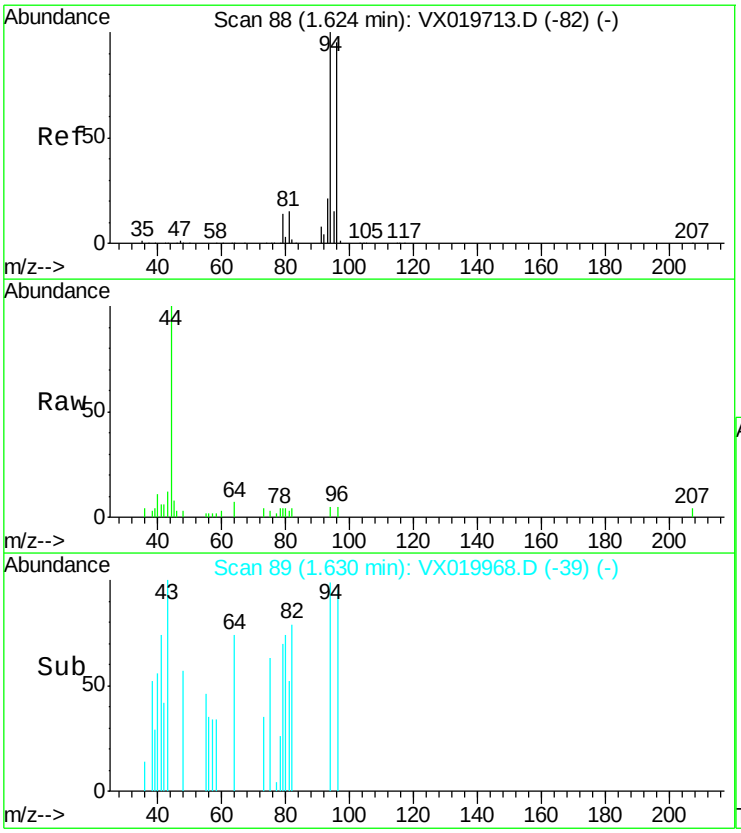
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.63 min Scan# 745
Delta R.T. 0.01 min
Lab File: VX019968.D
Acq: 13 Dec 2020 05:58

Instrument :
MSVOA_X
ClientSampleId :
JBD-WC-S-SB-01-0-52

Tgt Ion:168 Resp: 297997

Ion	Ratio	Lower	Upper
168	100		
99	56.4	45.8	68.6

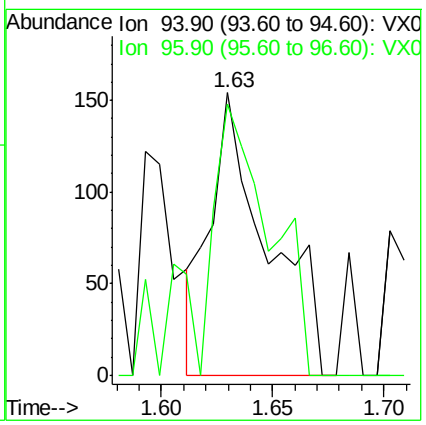


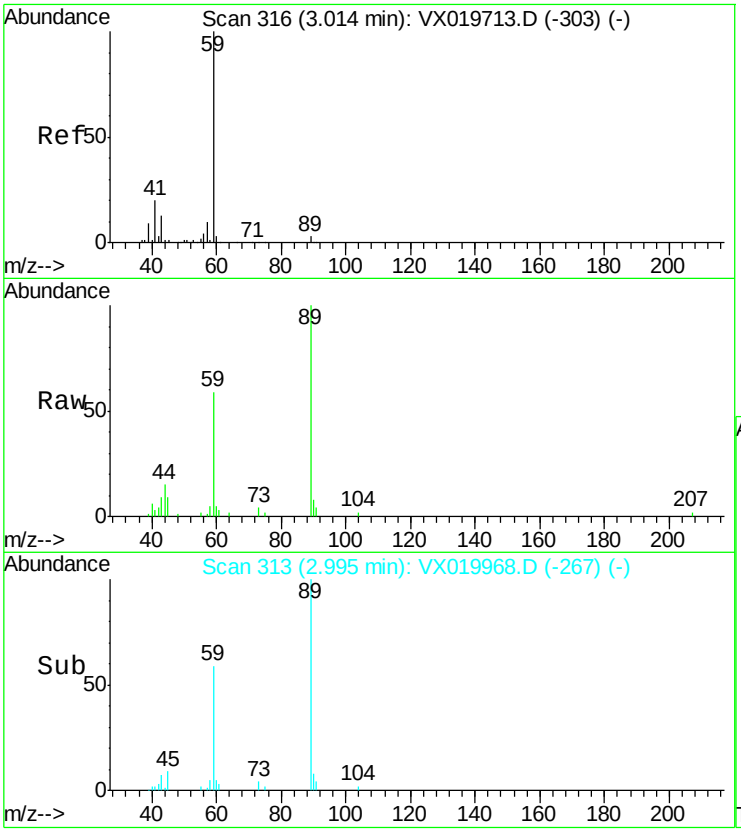


#5
Bromomethane
Concen: 0.246 ug/l
RT: 1.63 min Scan# 89
Delta R.T. 0.01 min
Lab File: VX019968.D
Acq: 13 Dec 2020 05:58

Tgt Ion: 94 Resp: 276

Ion	Ratio	Lower	Upper
94	100		
96	96.1	76.4	114.6



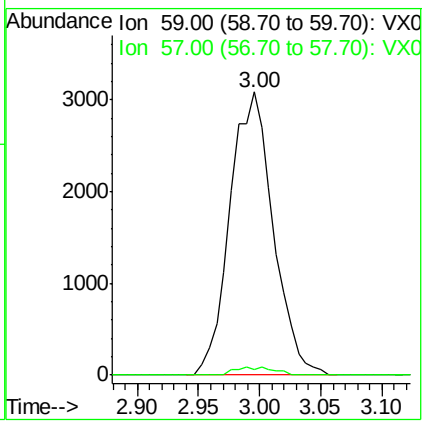


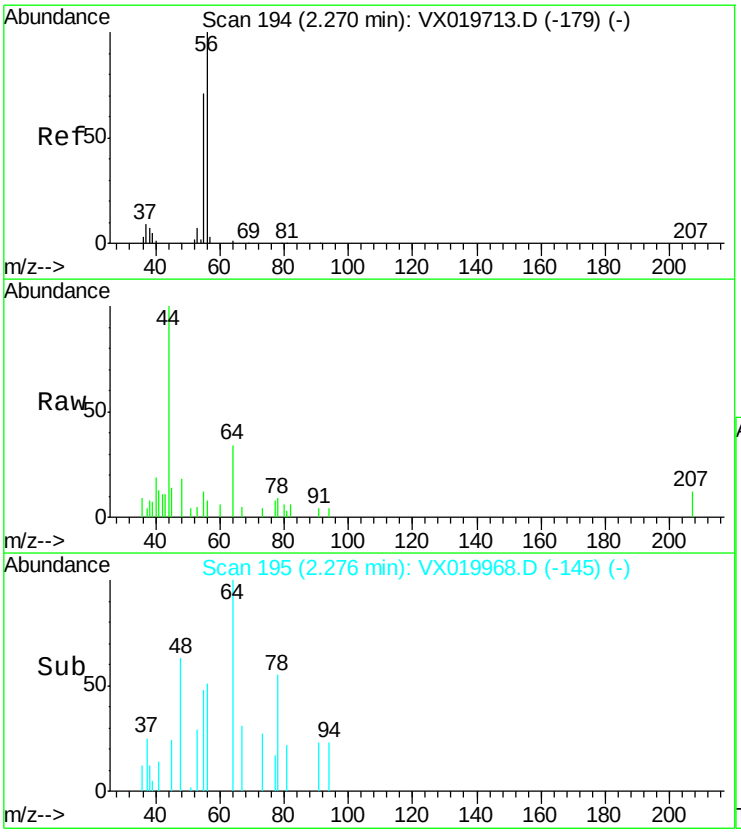
#11
Tert butyl alcohol
Concen: 6.860 ug/l
RT: 3.00 min Scan# 313
Delta R.T. -0.02 min
Lab File: VX019968.D
Acq: 13 Dec 2020 05:58

Instrument :
MSVOA_X
ClientSampleId :
JBD-WC-S-SB-01-0-52

Tgt Ion: 59 Resp: 7570

Ion	Ratio	Lower	Upper
59	100		
57	2.5	7.8	11.8#

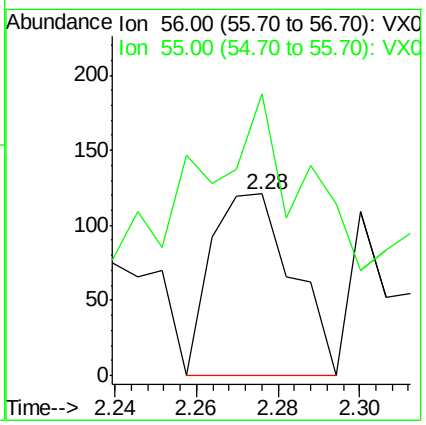


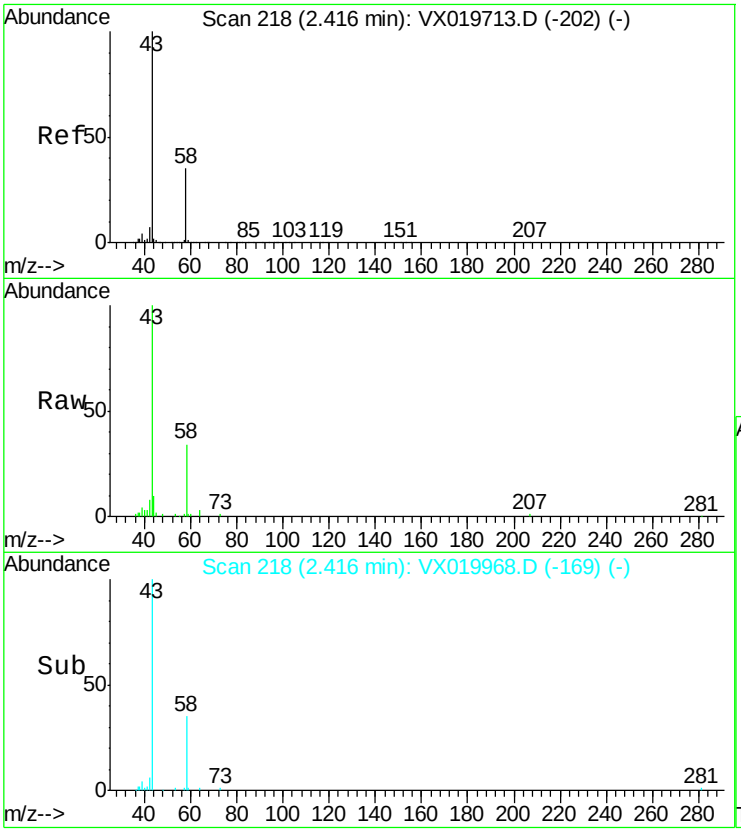


#13
Acrolein
Concen: 0.389 ug/l
RT: 2.28 min Scan# 195
Delta R.T. 0.01 min
Lab File: VX019968.D
Acq: 13 Dec 2020 05:58

Tgt Ion: 56 Resp: 168

Ion	Ratio	Lower	Upper
56	100		
55	150.0	56.4	84.6#



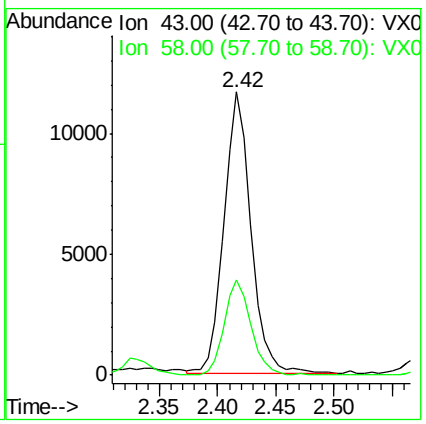


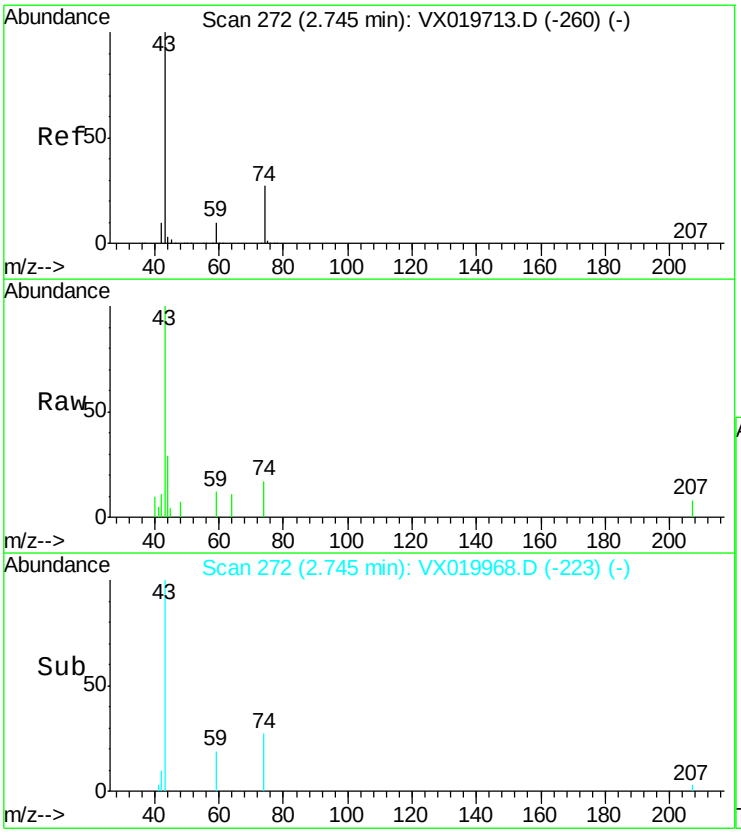
#16
Acetone
Concen: 12.836 ug/l
RT: 2.42 min Scan# 218
Delta R.T. -0.00 min
Lab File: VX019968.D
Acq: 13 Dec 2020 05:58

Instrument :
MSVOA_X
ClientSampleId :
JBD-WC-S-SB-01-0-52

Tgt Ion: 43 Resp: 18897

Ion	Ratio	Lower	Upper
43	100		
58	34.0	27.8	41.8

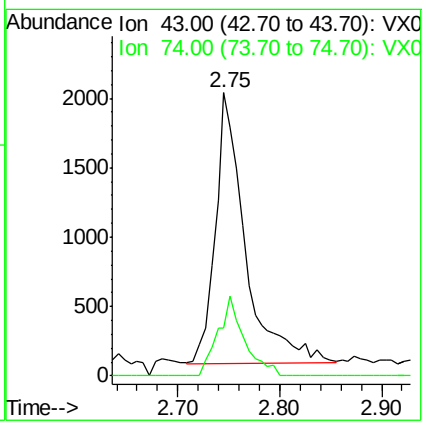


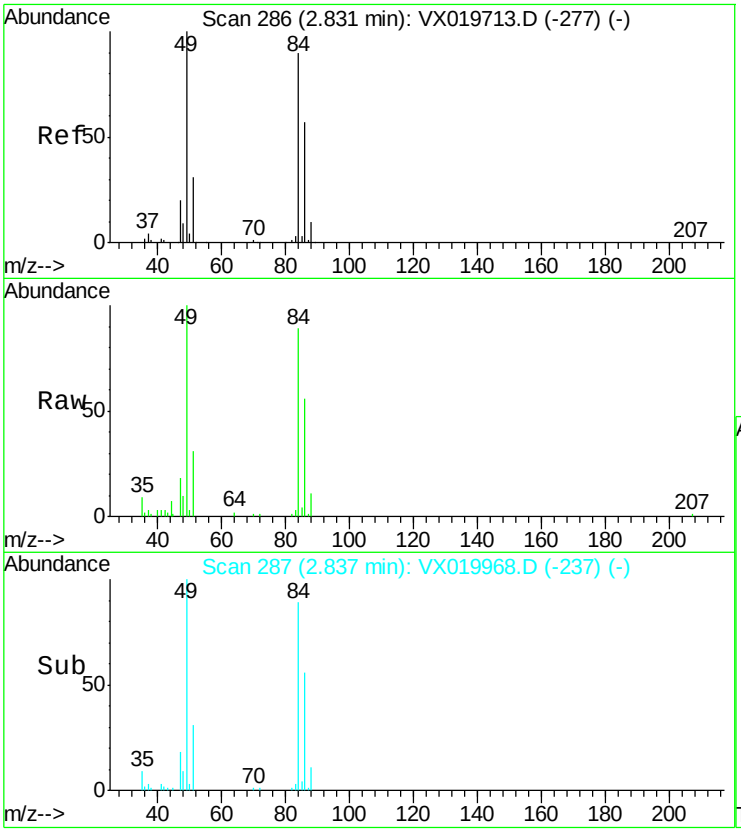


#18
Methyl Acetate
Concen: 1.108 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.00 min
Lab File: VX019968.D
Acq: 13 Dec 2020 05:58

Tgt Ion: 43 Resp: 3992

Ion	Ratio	Lower	Upper
43	100		
74	26.1	21.9	32.9



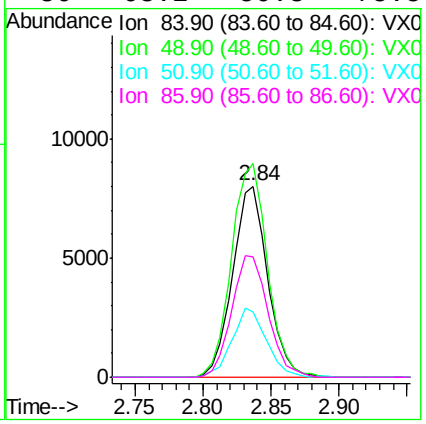


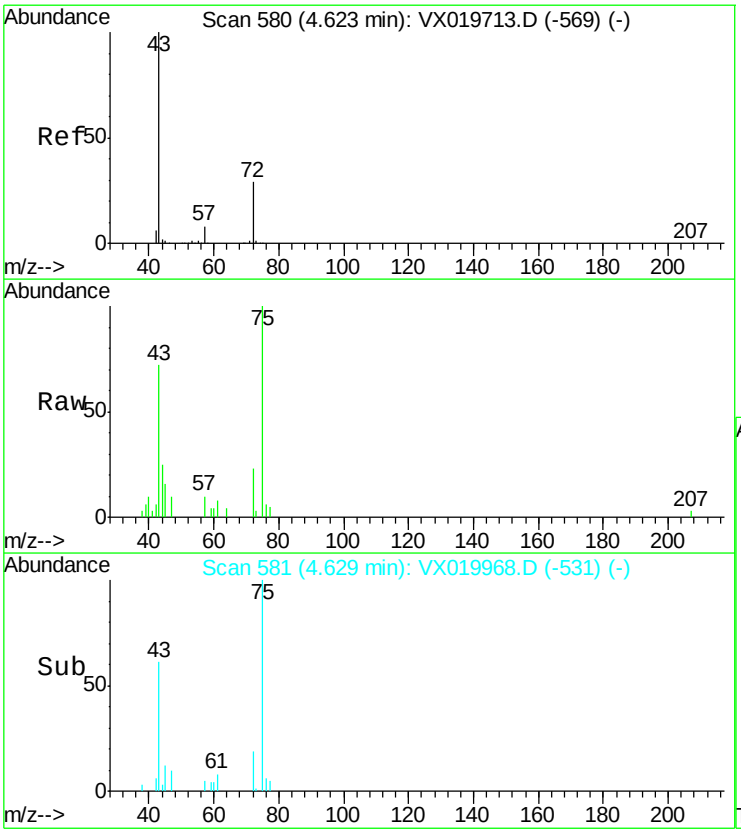
#20
Methylene Chloride
Concen: 2.946 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.01 min
Lab File: VX019968.D
Acq: 13 Dec 2020 05:58

Instrument :
MSVOA_X
ClientSampleId :
JBD-WC-S-SB-01-0-52

Tgt Ion: 84 Resp: 14398

Ion	Ratio	Lower	Upper
84	100		
49	111.9	88.6	132.8
51	34.4	27.0	40.6
86	63.2	50.3	75.5

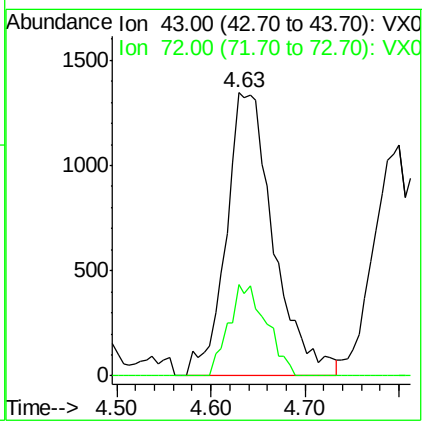


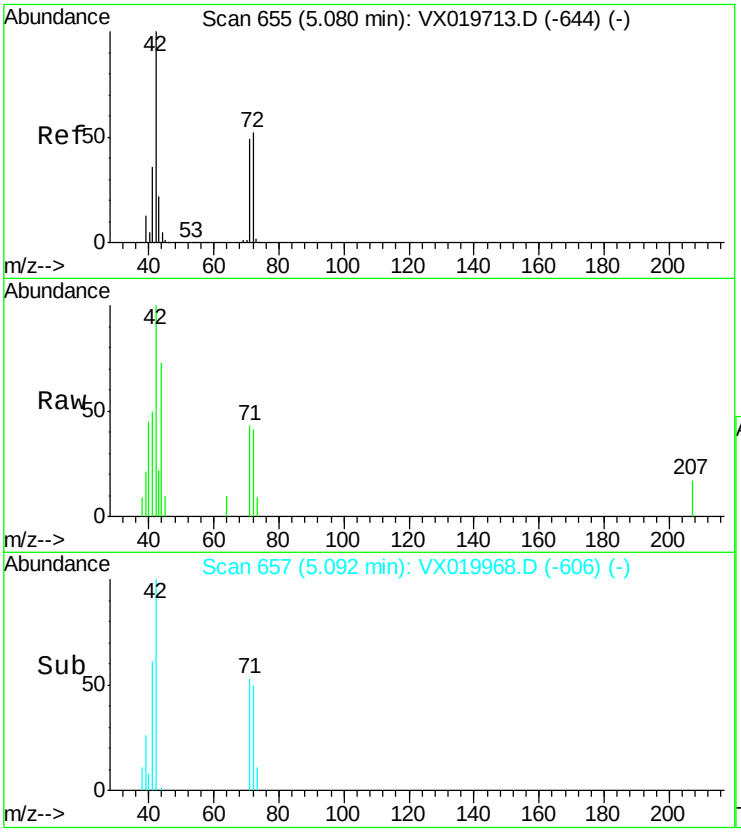


#25
2-Butanone
Concen: 2.089 ug/l
RT: 4.63 min Scan# 581
Delta R.T. 0.01 min
Lab File: VX019968.D
Acq: 13 Dec 2020 05:58

Tgt Ion: 43 Resp: 4726

Ion	Ratio	Lower	Upper
43	100		
72	32.1	23.7	35.5



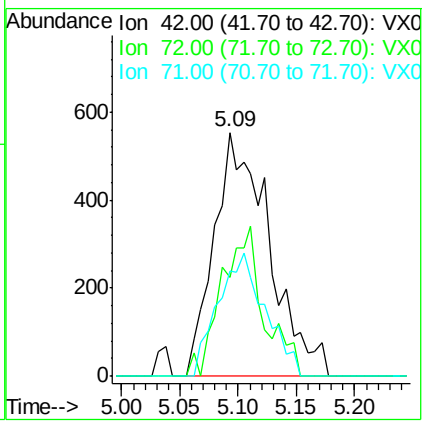


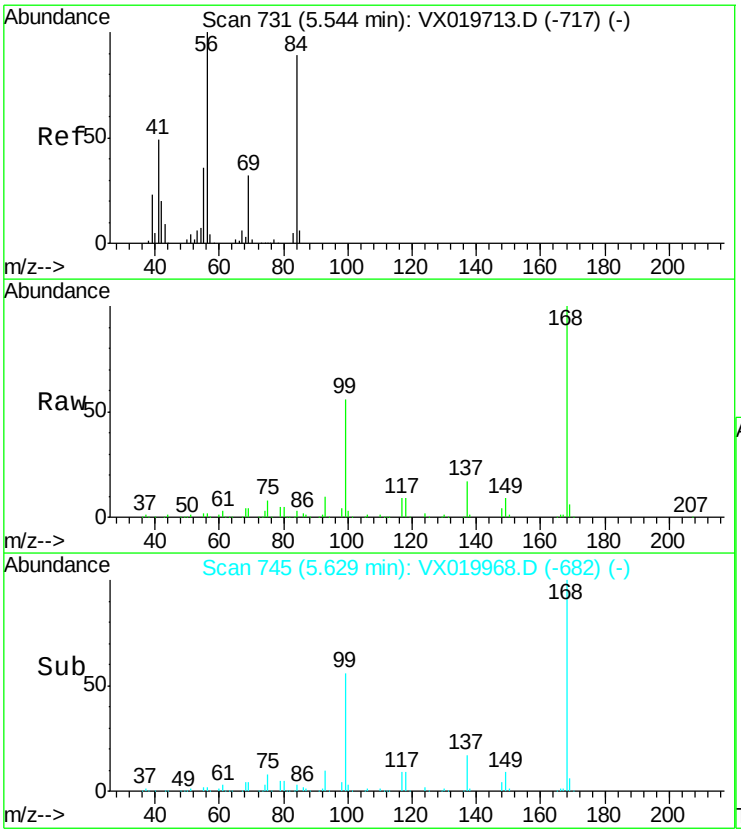
#29
Tetrahydrofuran
Concen: 1.244 ug/l
RT: 5.09 min Scan# 657
Delta R.T. 0.01 min
Lab File: VX019968.D
Acq: 13 Dec 2020 05:58

Instrument :
MSVOA_X
ClientSampleId :
JBD-WC-S-SB-01-0-52

Tgt Ion: 42 Resp: 1813

Ion	Ratio	Lower	Upper
42	100		
72	46.6	41.7	62.5
71	43.3	38.4	57.6

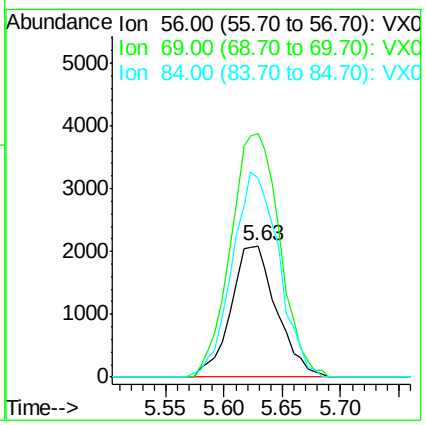


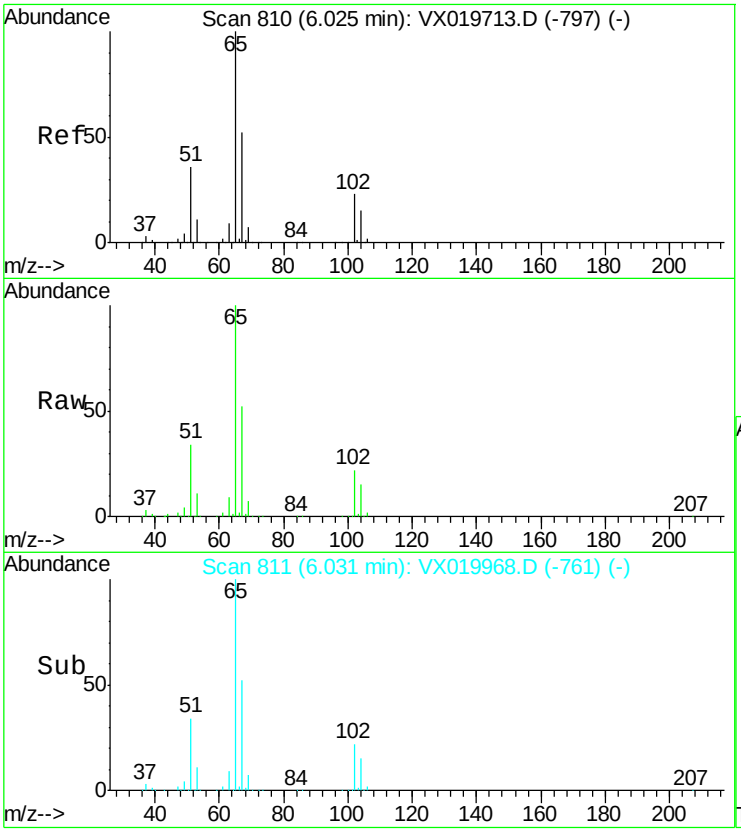


#31
Cyclohexane
Concen: 1.172 ug/l
RT: 5.63 min Scan# 745
Delta R.T. 0.09 min
Lab File: VX019968.D
Acq: 13 Dec 2020 05:58

Tgt Ion: 56 Resp: 5712

Ion	Ratio	Lower	Upper
56	100		
69	185.9	25.3	37.9#
84	151.5	71.4	107.0#



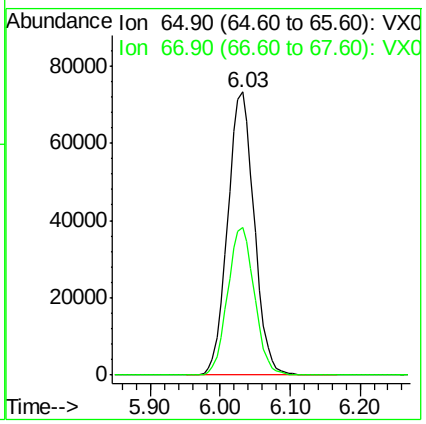


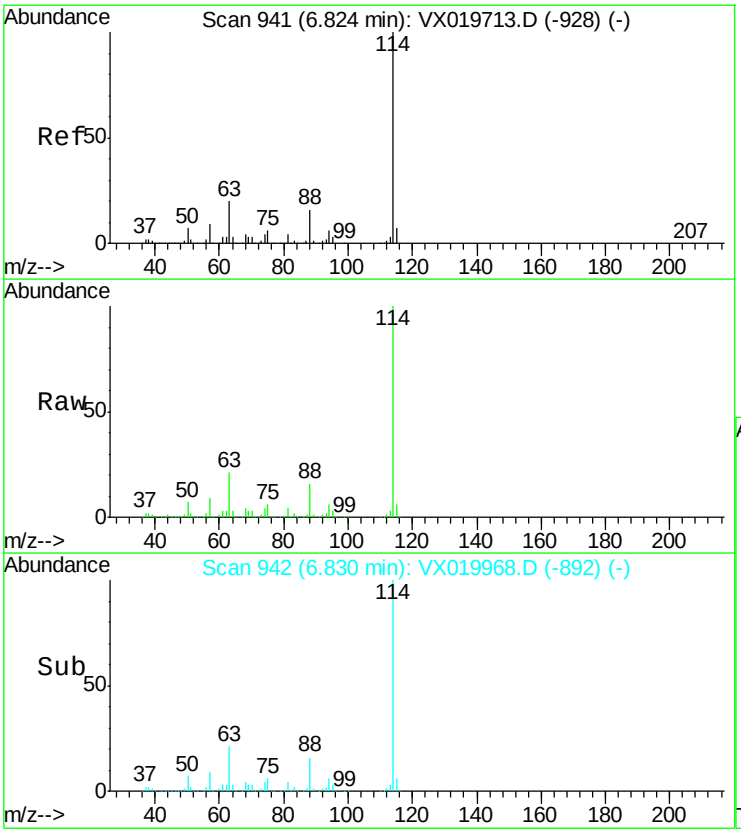
#33
1,2-Dichloroethane-d4
Concen: 49.228 ug/l
RT: 6.03 min Scan# 811
Delta R.T. 0.01 min
Lab File: VX019968.D
Acq: 13 Dec 2020 05:58

Instrument :
MSVOA_X
ClientSampleId :
JBD-WC-S-SB-01-0-52

Tgt Ion: 65 Resp: 192805

Ion	Ratio	Lower	Upper
65	100		
67	52.7	0.0	105.4

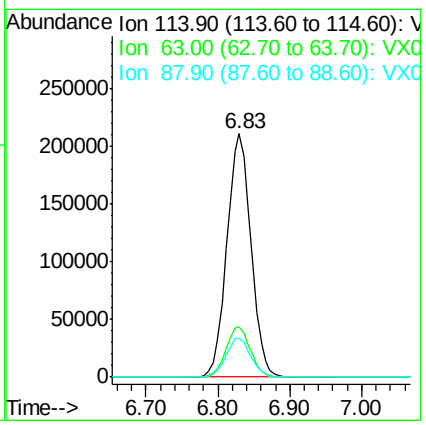


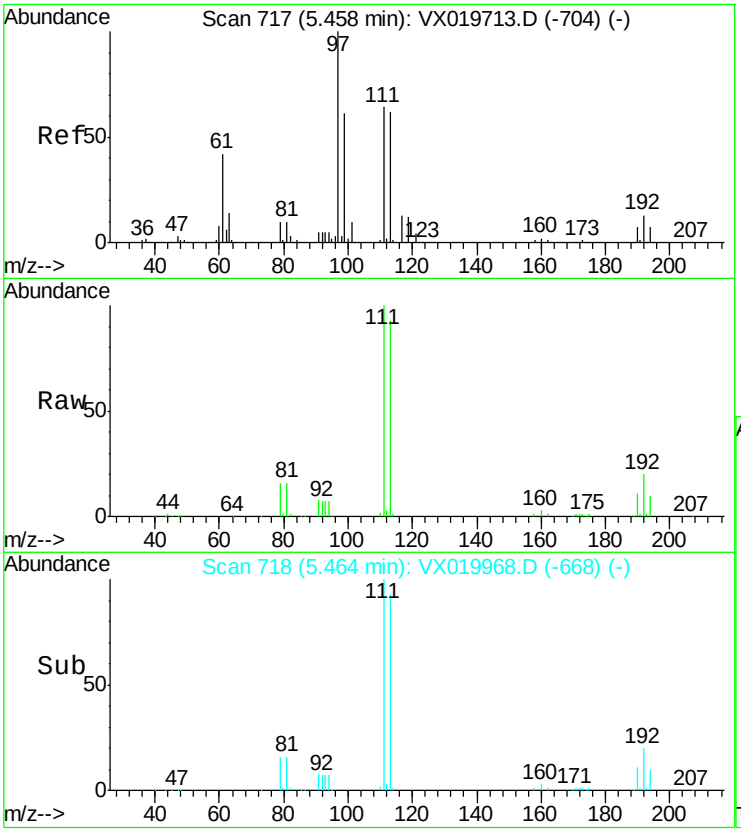


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.83 min Scan# 942
Delta R.T. 0.01 min
Lab File: VX019968.D
Acq: 13 Dec 2020 05:58

Tgt Ion:114 Resp: 490778

Ion	Ratio	Lower	Upper
114	100		
63	20.6	0.0	40.8
88	15.9	0.0	32.8



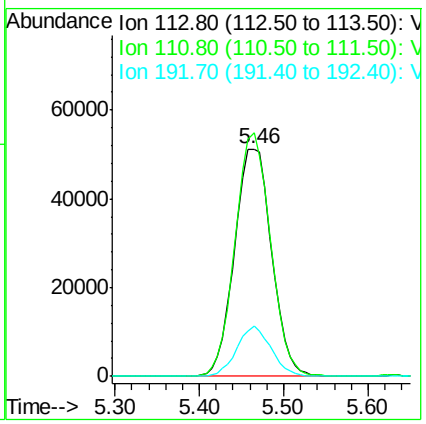


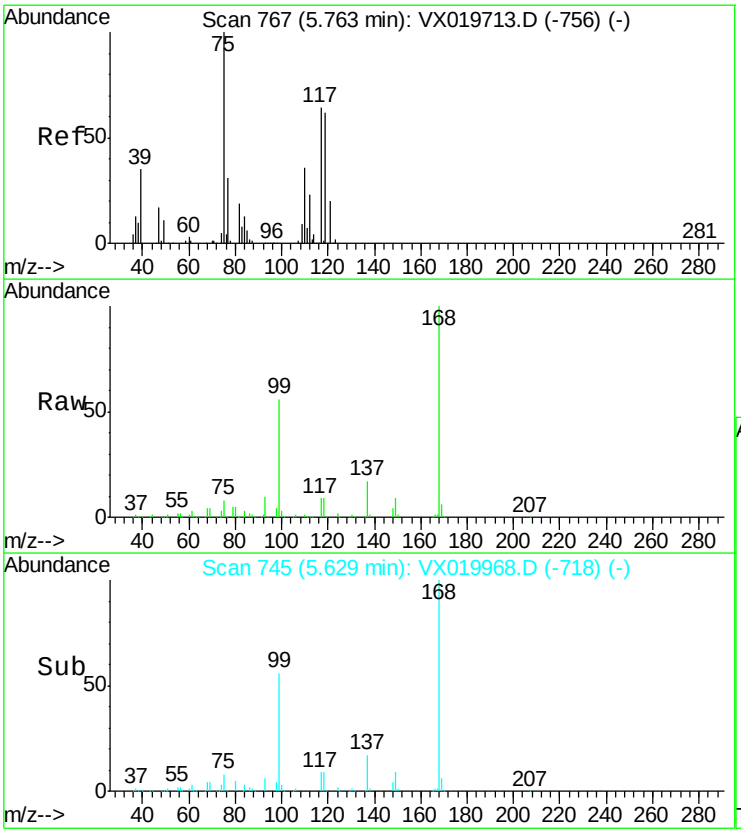
#35
Dibromofluoromethane
Concen: 48.353 ug/l
RT: 5.46 min Scan# 718
Delta R.T. 0.01 min
Lab File: VX019968.D
Acq: 13 Dec 2020 05:58

Instrument :
MSVOA_X
ClientSampleId :
JBD-WC-S-SB-01-0-52

Tgt Ion:113 Resp: 153366

Ion	Ratio	Lower	Upper
113	100		
111	102.1	81.9	122.9
192	20.4	16.7	25.1

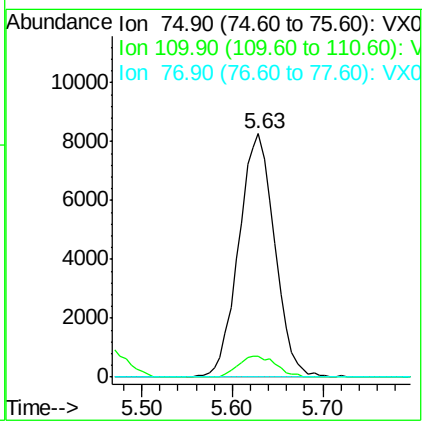


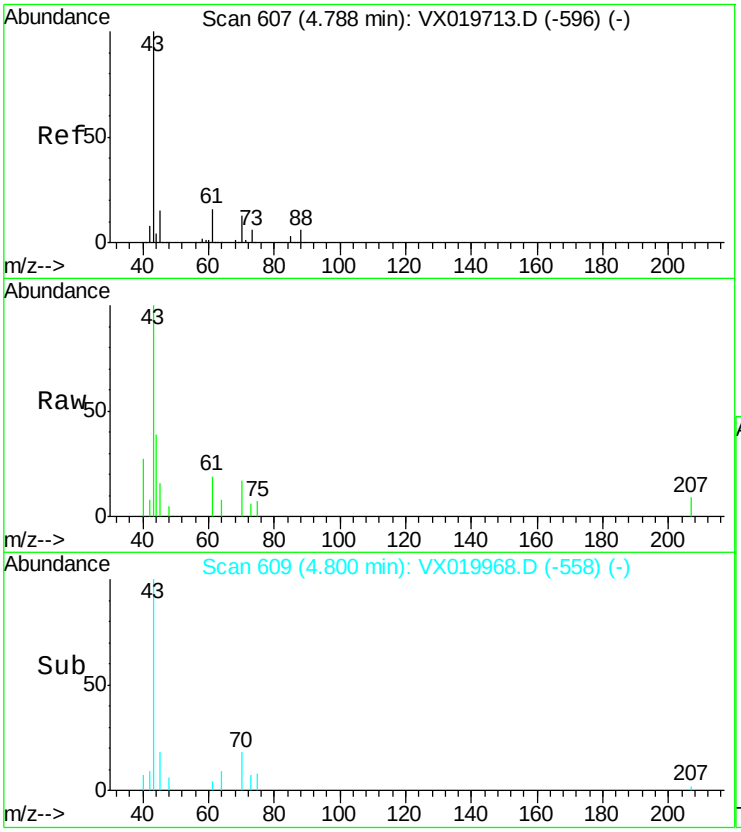


#36
1,1-Dichloropropene
Concen: 5.121 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.13 min
Lab File: VX019968.D
Acq: 13 Dec 2020 05:58

Tgt Ion: 75 Resp: 22713

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



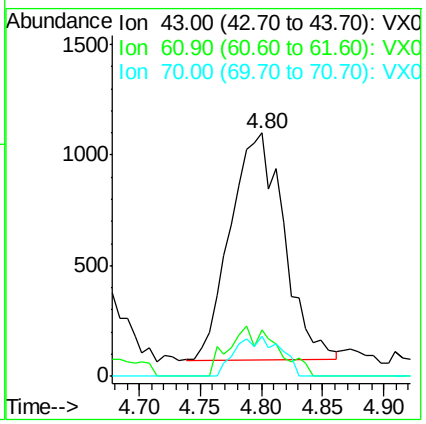


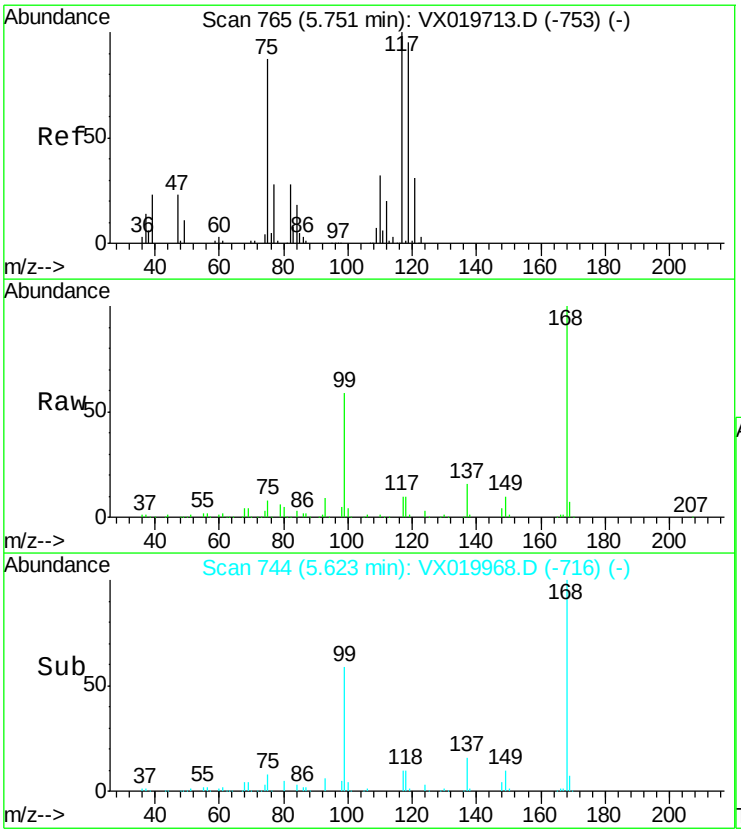
#37
Ethyl Acetate
Concen: 0.695 ug/l
RT: 4.80 min Scan# 609
Delta R.T. 0.01 min
Lab File: VX019968.D
Acq: 13 Dec 2020 05:58

Instrument :
MSVOA_X
ClientSampleId :
JBD-WC-S-SB-01-0-52

Tgt Ion: 43 Resp: 3111

Ion	Ratio	Lower	Upper
43	100		
61	10.7	12.8	19.2#
70	7.0	10.5	15.7#

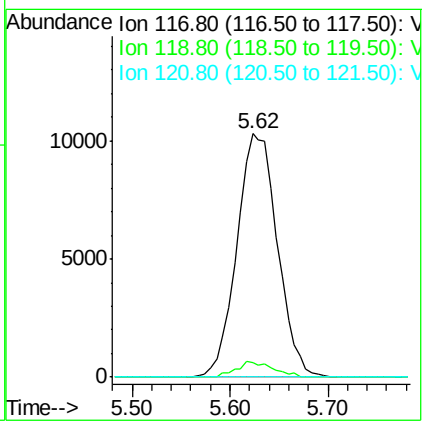


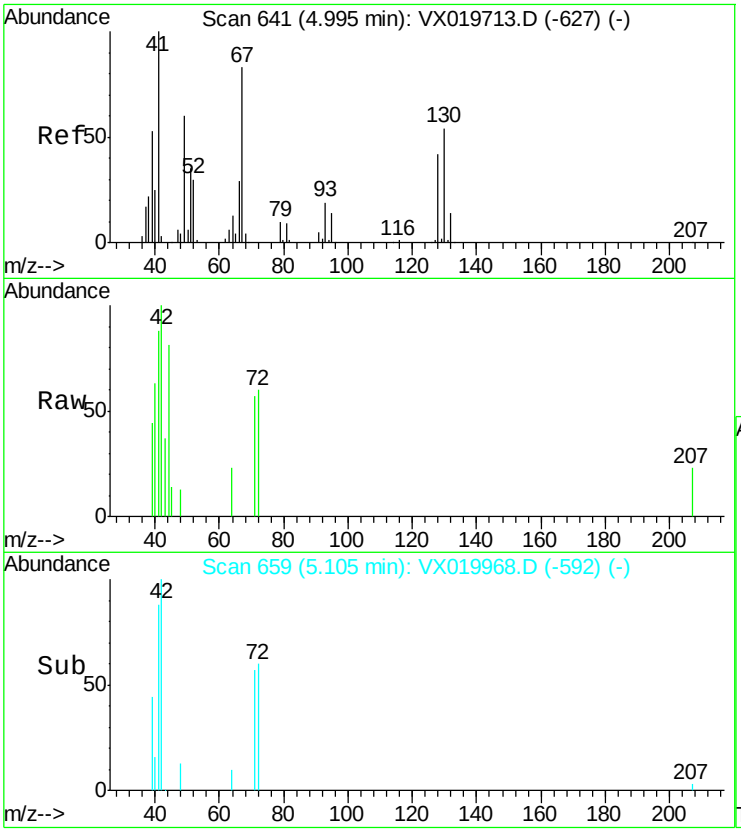


#38
Carbon Tetrachloride
Concen: 6.802 ug/l
RT: 5.62 min Scan# 744
Delta R.T. -0.13 min
Lab File: VX019968.D
Acq: 13 Dec 2020 05:58

Tgt Ion:117 Resp: 29540

Ion	Ratio	Lower	Upper
117	100		
119	5.9	76.2	114.2#
121	0.0	24.8	37.2#



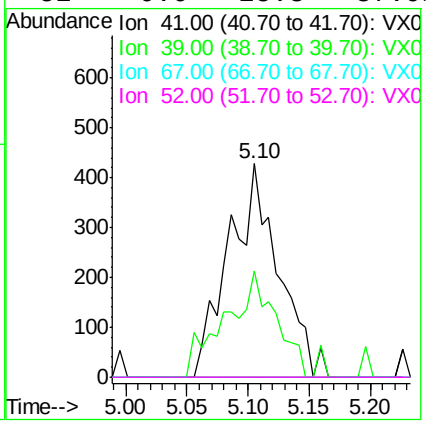


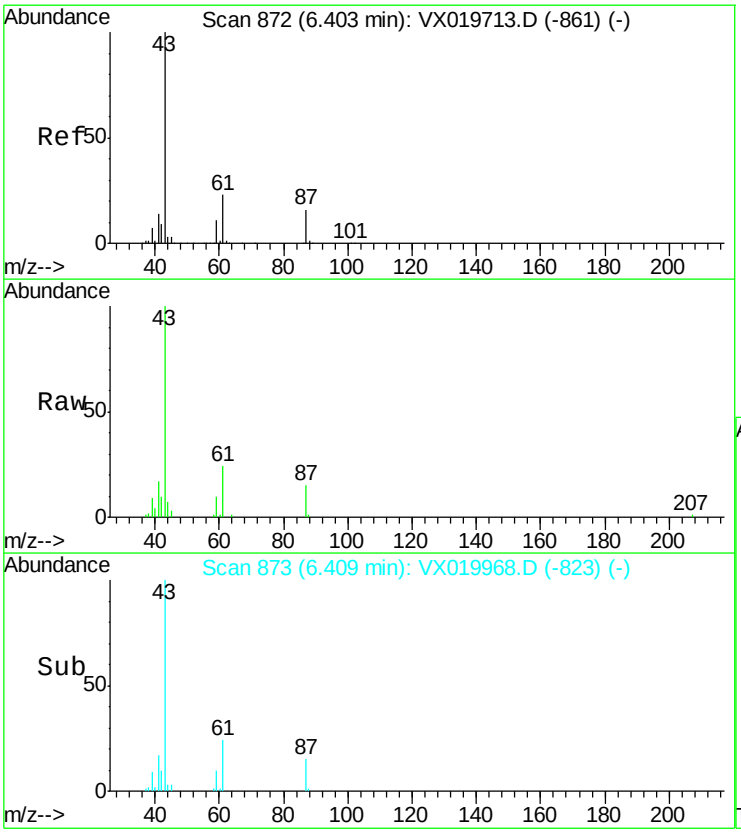
#41
Methacrylonitrile
Concen: 0.492 ug/l
RT: 5.10 min Scan# 659
Delta R.T. 0.11 min
Lab File: VX019968.D
Acq: 13 Dec 2020 05:58

Instrument :
MSVOA_X
ClientSampleId :
JBD-WC-S-SB-01-0-52

Tgt Ion: 41 Resp: 1210

Ion	Ratio	Lower	Upper
41	100		
39	50.5	42.5	63.7
67	0.0	65.0	97.6#
52	0.0	25.3	37.9#

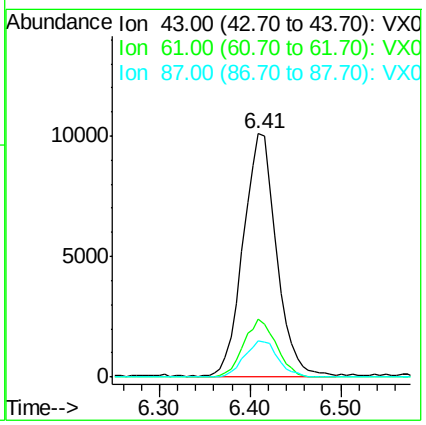


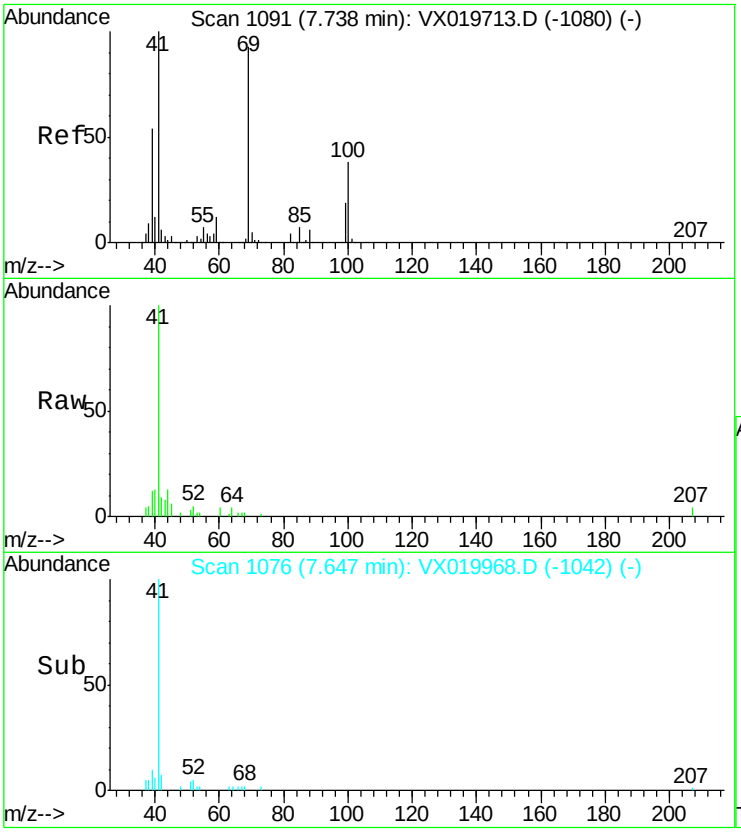


#43
Isopropyl Acetate
Concen: 3.551 ug/l
RT: 6.41 min Scan# 873
Delta R.T. 0.01 min
Lab File: VX019968.D
Acq: 13 Dec 2020 05:58

Tgt Ion: 43 Resp: 25847

Ion	Ratio	Lower	Upper
43	100		
61	23.1	18.2	27.4
87	14.8	12.5	18.7



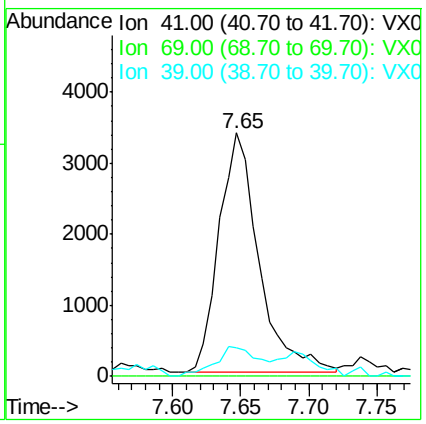


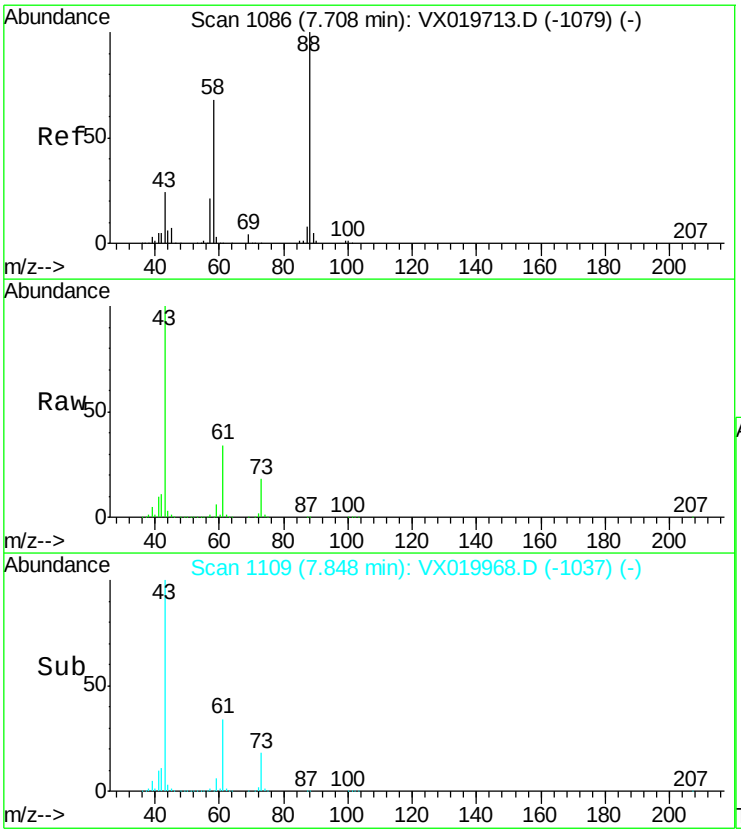
#48
Methyl methacrylate
Concen: 1.926 ug/l
RT: 7.65 min Scan# 1076
Delta R.T. -0.09 min
Lab File: VX019968.D
Acq: 13 Dec 2020 05:58

Instrument :
MSVOA_X
ClientSampleId :
JBD-WC-S-SB-01-0-52

Tgt Ion: 41 Resp: 6894

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

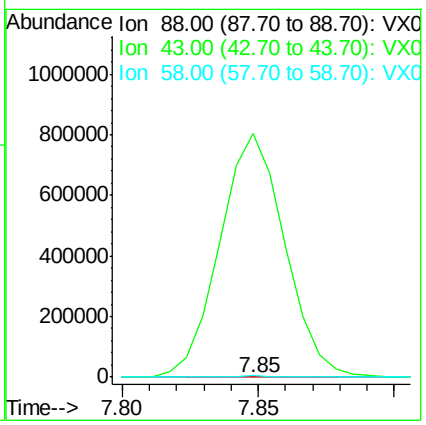


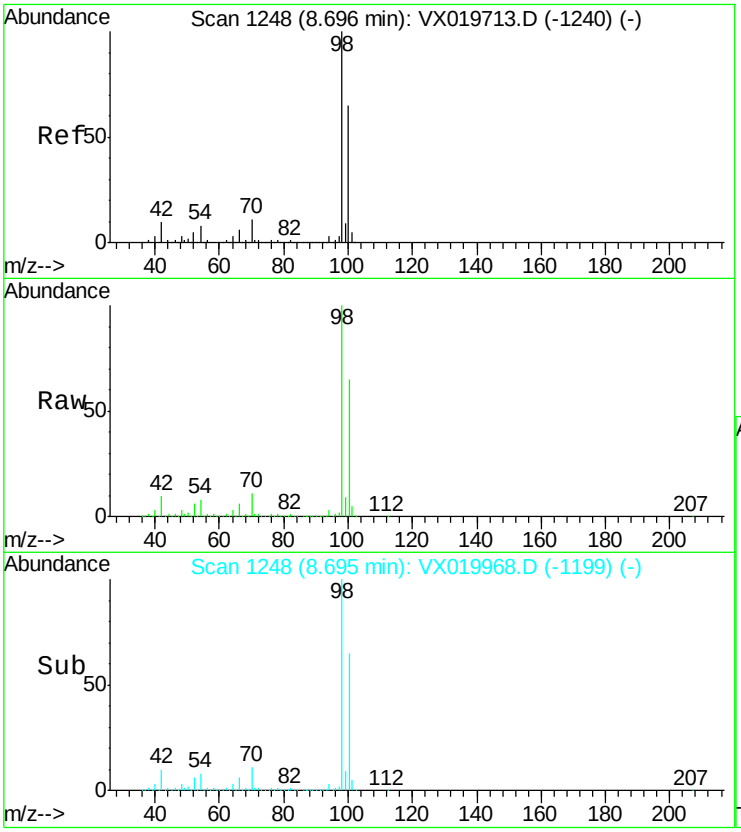


#49
1,4-Dioxane
Concen: 3.309 ug/l
RT: 7.85 min Scan# 1109
Delta R.T. 0.14 min
Lab File: VX019968.D
Acq: 13 Dec 2020 05:58

Tgt Ion: 88 Resp: 287

Ion	Ratio	Lower	Upper
88	100		
43	467108.0	23.2	34.8#
58	2476.3	55.0	82.4#



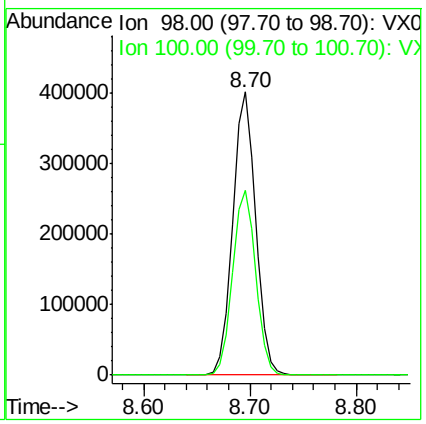


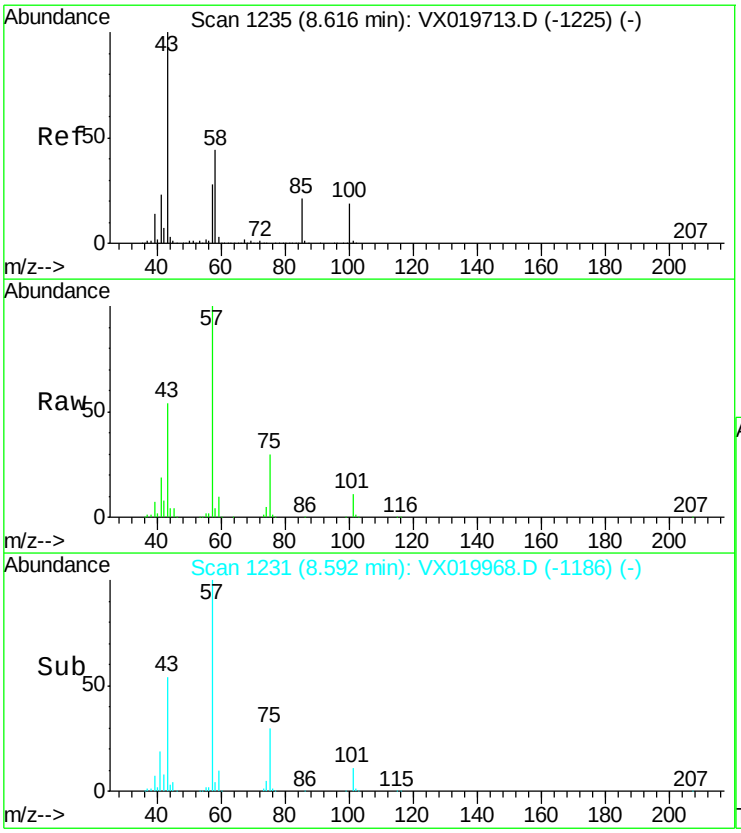
#50
Toluene-d8
Concen: 50.336 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX019968.D
Acq: 13 Dec 2020 05:58

Instrument :
MSVOA_X
ClientSampleId :
JBD-WC-S-SB-01-0-52

Tgt Ion: 98 Resp: 609530

Ion	Ratio	Lower	Upper
98	100		
100	66.0	51.9	77.9

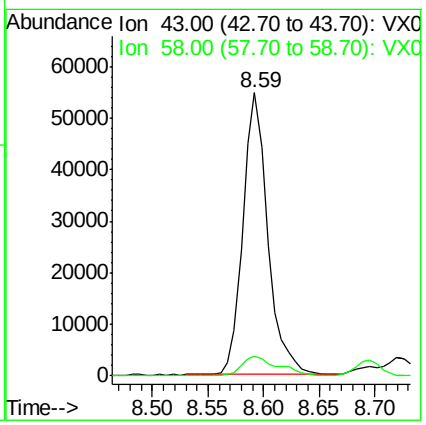


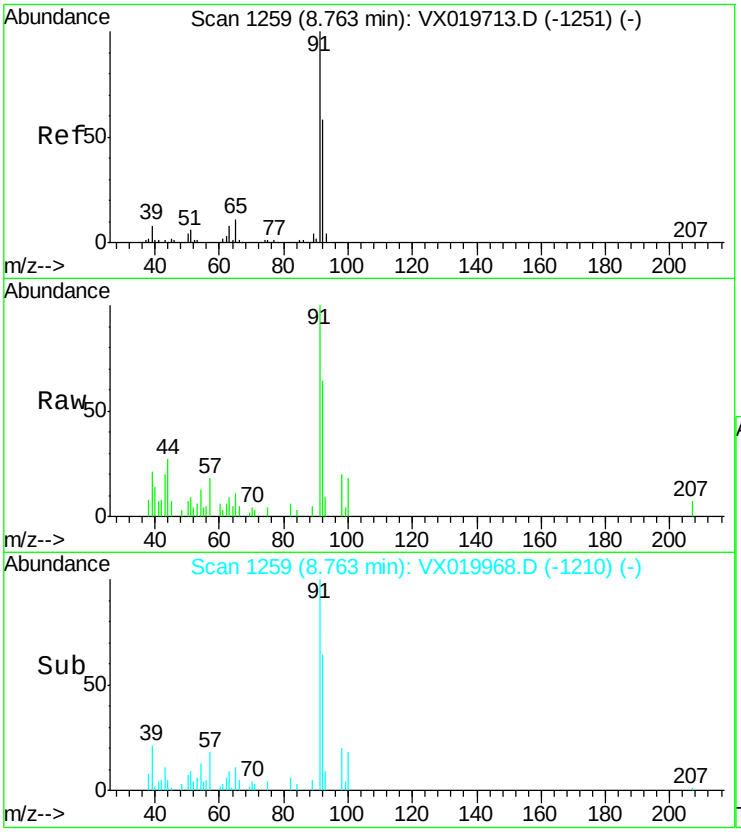


#51
4-Methyl-2-Pentanone
Concen: 19.113 ug/l
RT: 8.59 min Scan# 1231
Delta R.T. -0.02 min
Lab File: VX019968.D
Acq: 13 Dec 2020 05:58

Tgt Ion: 43 Resp: 84951

Ion	Ratio	Lower	Upper
43	100		
58	10.2	35.4	53.0#



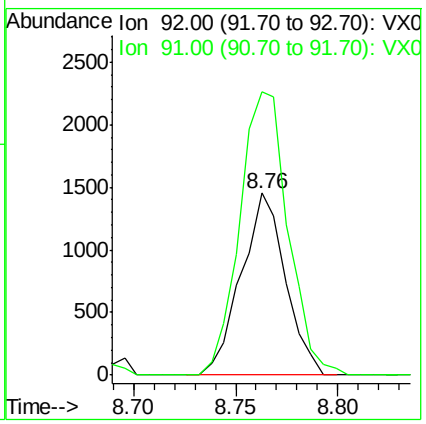


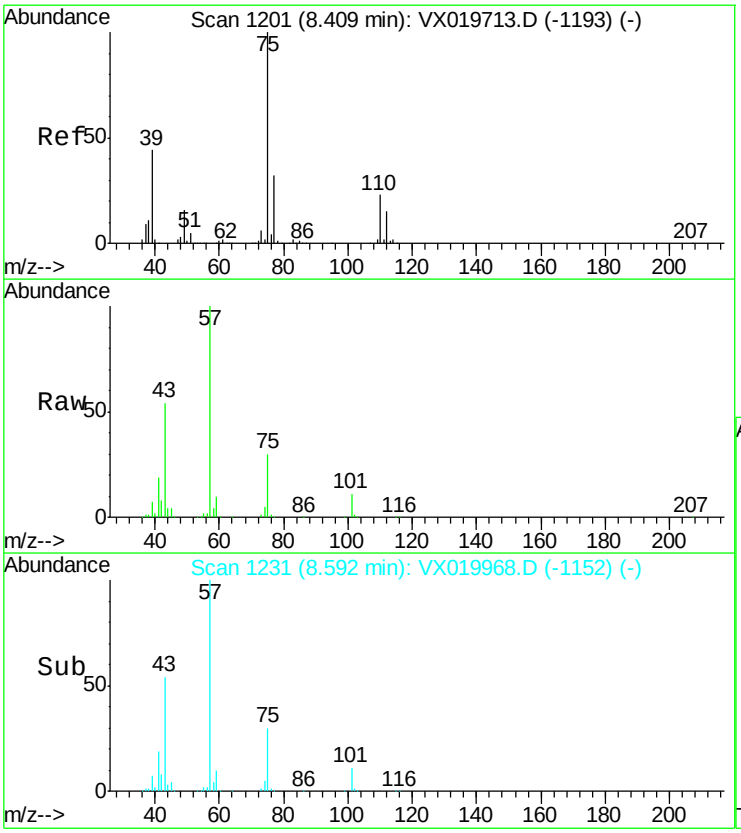
#52
Toluene
Concen: 0.259 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. -0.00 min
Lab File: VX019968.D
Acq: 13 Dec 2020 05:58

Instrument :
MSVOA_X
ClientSampleId :
JBD-WC-S-SB-01-0-52

Tgt Ion: 92 Resp: 2196

Ion	Ratio	Lower	Upper
92	100		
91	169.9	137.1	205.7

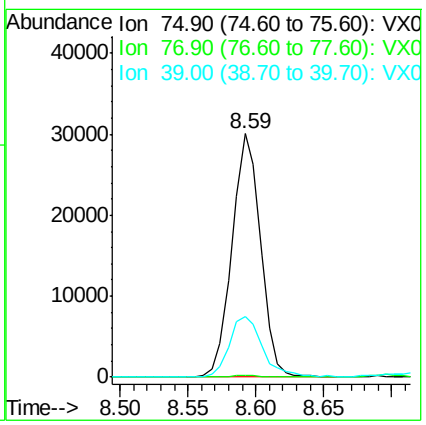


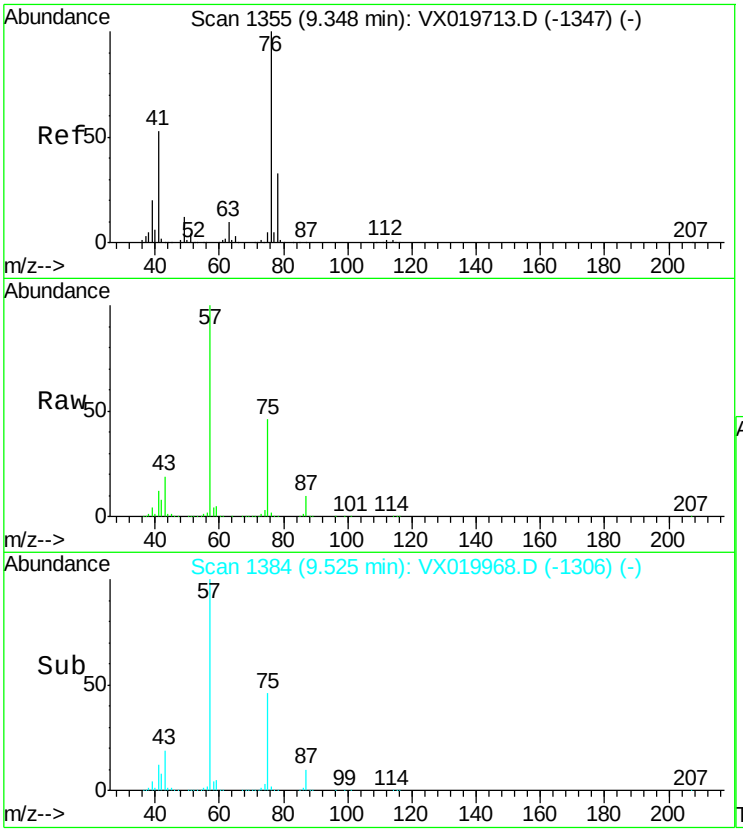


#54
cis-1,3-Dichloropropene
Concen: 8.018 ug/l
RT: 8.59 min Scan# 1231
Delta R.T. 0.18 min
Lab File: VX019968.D
Acq: 13 Dec 2020 05:58

Tgt Ion: 75 Resp: 43857

Ion	Ratio	Lower	Upper
75	100		
77	0.4	25.7	38.5#
39	24.9	35.1	52.7#



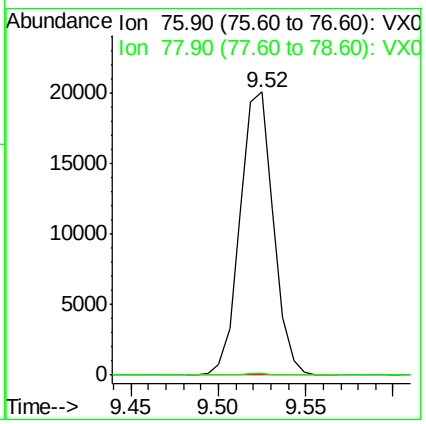


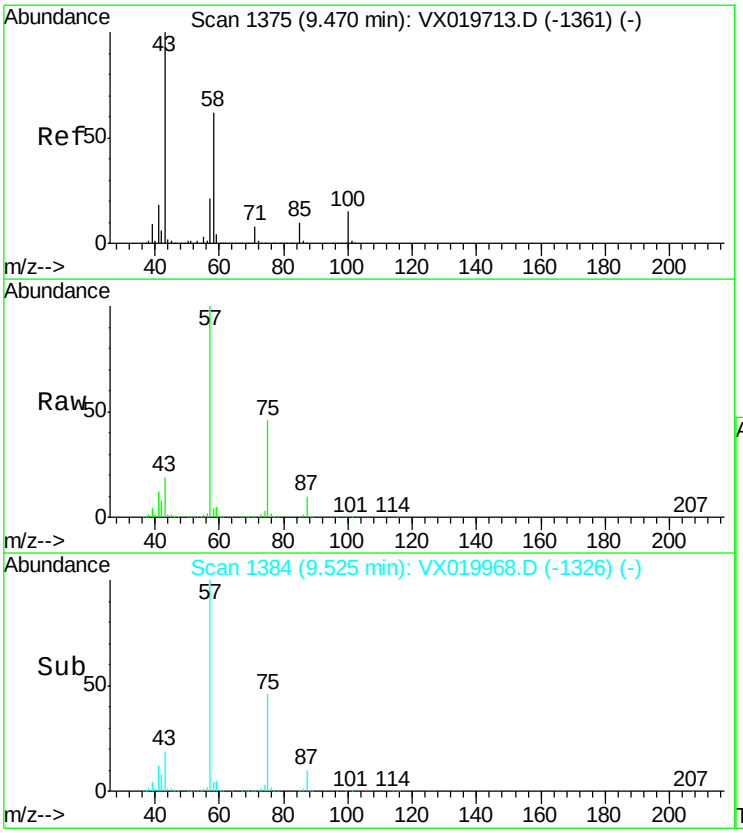
#57
1,3-Dichloropropane
Concen: 4.551 ug/l
RT: 9.52 min Scan# 1384
Delta R.T. 0.18 min
Lab File: VX019968.D
Acq: 13 Dec 2020 05:58

Instrument :
MSVOA_X
ClientSampleId :
JBD-WC-S-SB-01-0-52

Tgt Ion: 76 Resp: 26534

Ion	Ratio	Lower	Upper
76	100		
78	0.5	26.2	39.2#

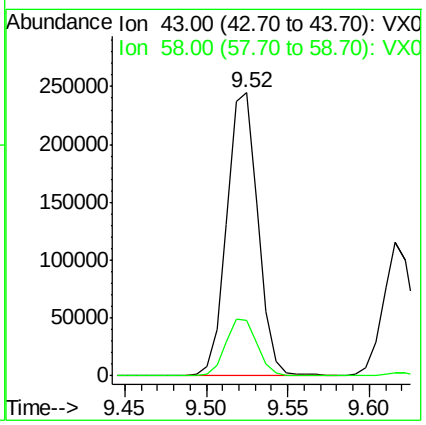


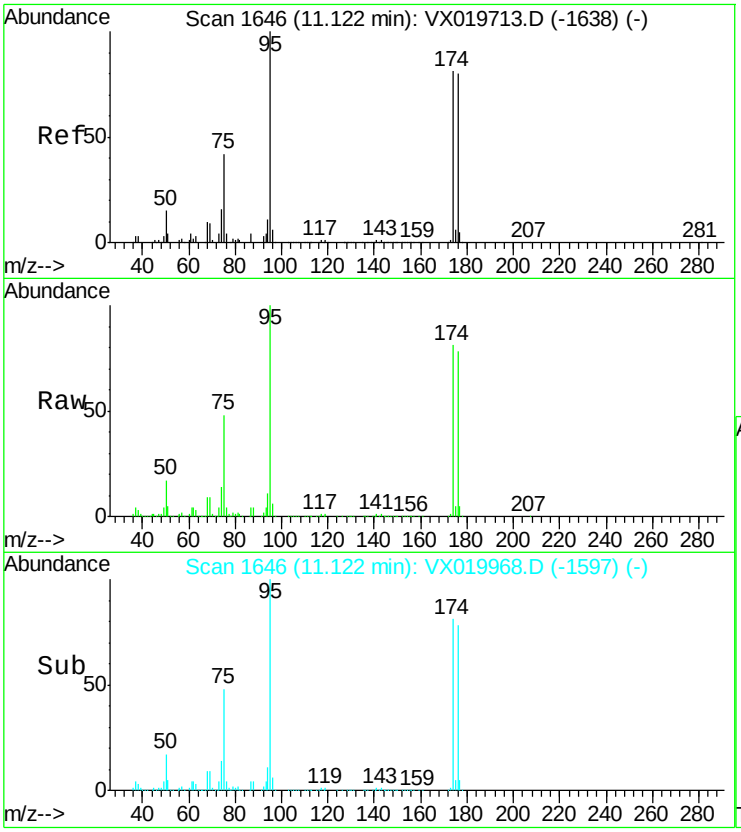


#59
2-Hexanone
Concen: 93.656 ug/l
RT: 9.52 min Scan# 1384
Delta R.T. 0.05 min
Lab File: VX019968.D
Acq: 13 Dec 2020 05:58

Tgt Ion: 43 Resp: 322659

Ion	Ratio	Lower	Upper
43	100		
58	20.4	30.9	92.8#



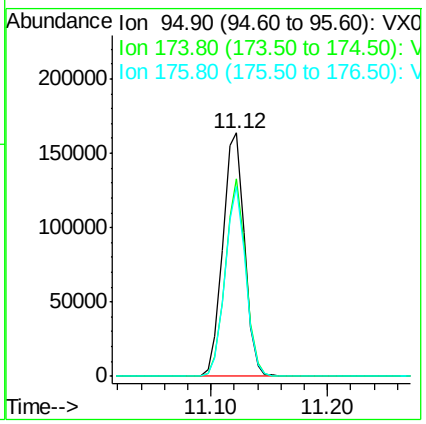


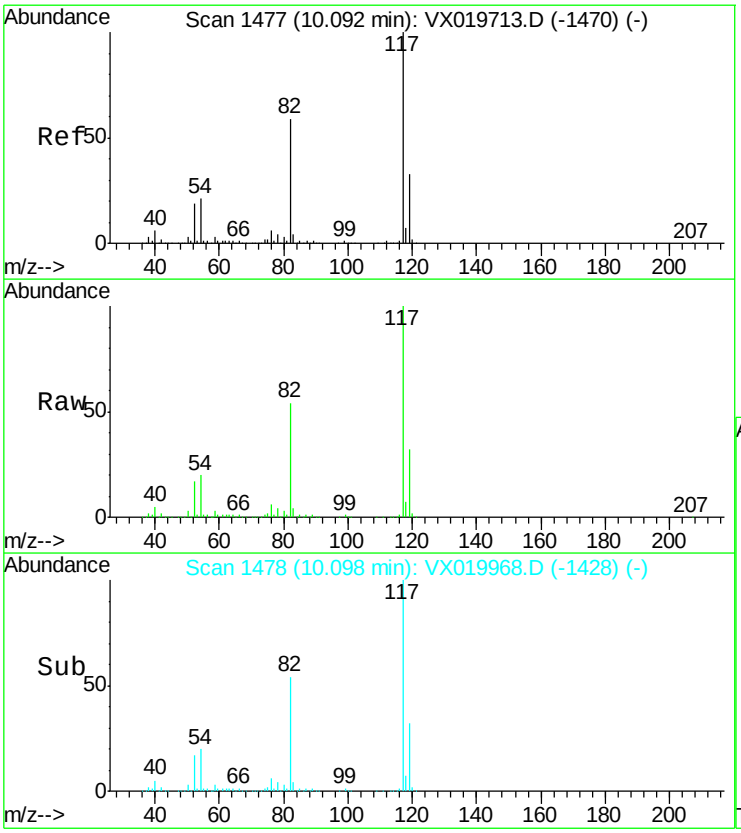
#62
4-Bromofluorobenzene
Concen: 45.731 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX019968.D
Acq: 13 Dec 2020 05:58

Instrument :
MSVOA_X
ClientSampleId :
JBD-WC-S-SB-01-0-52

Tgt Ion: 95 Resp: 210770

Ion	Ratio	Lower	Upper
95	100		
174	76.9	0.0	154.6
176	74.2	0.0	155.8

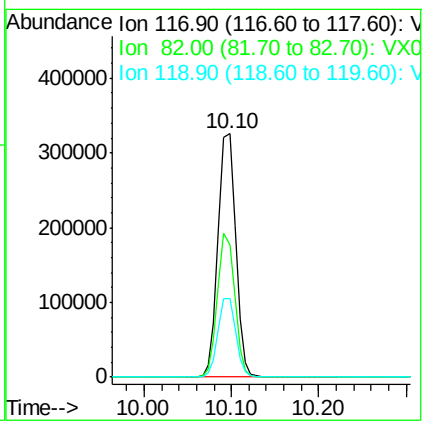


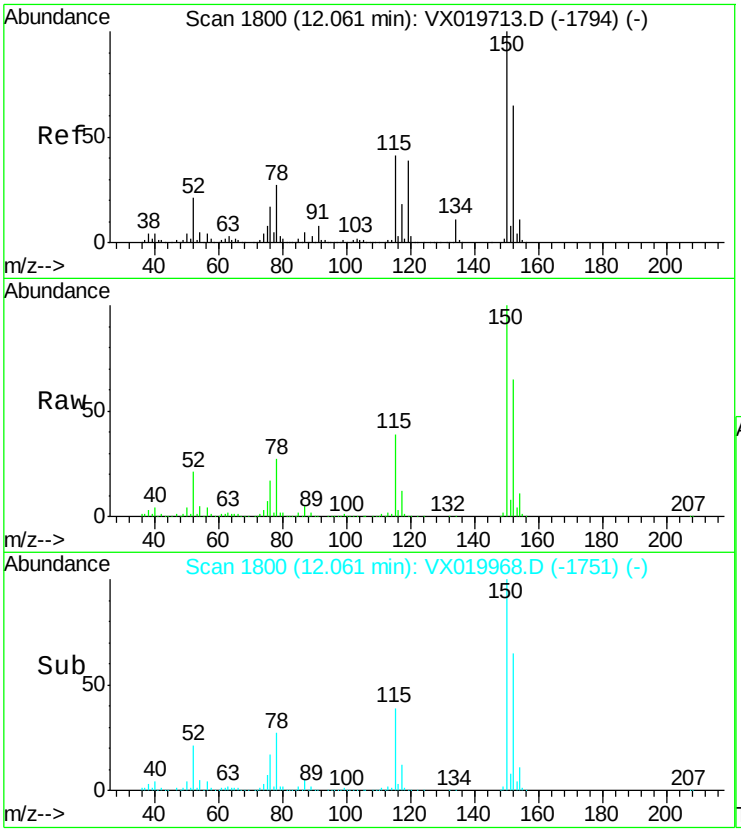


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.01 min
Lab File: VX019968.D
Acq: 13 Dec 2020 05:58

Tgt Ion:117 Resp: 458255

Ion	Ratio	Lower	Upper
117	100		
82	54.4	47.4	71.2
119	32.0	26.6	39.8



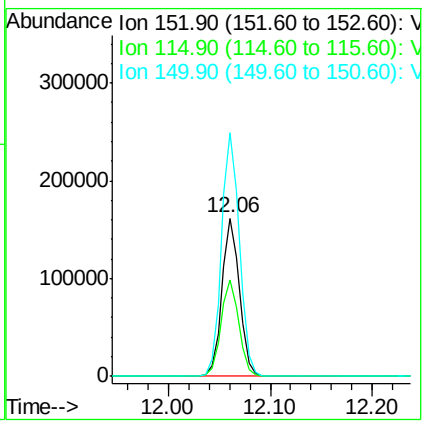


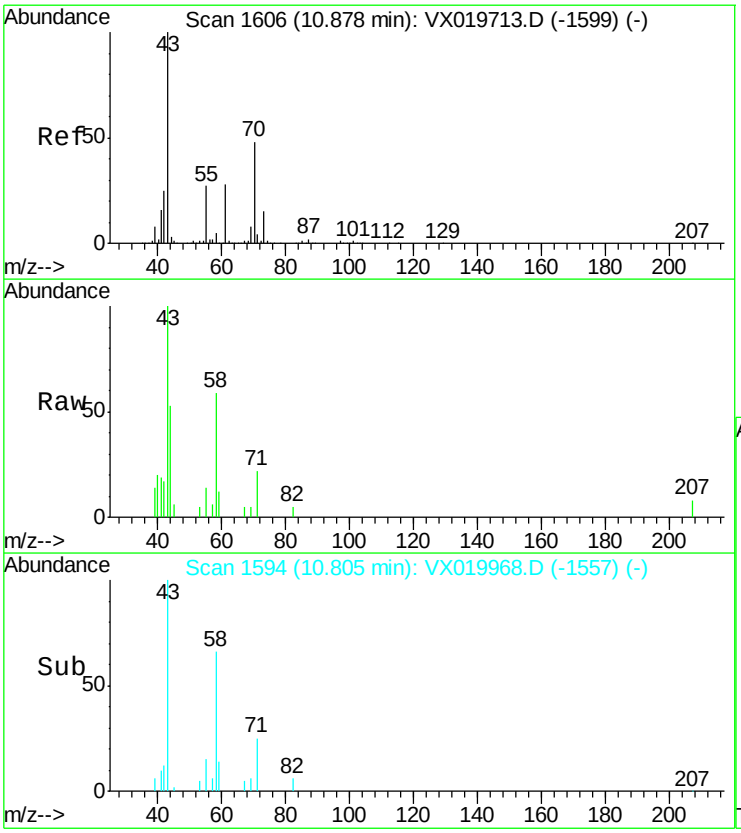
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX019968.D
Acq: 13 Dec 2020 05:58

Instrument :
MSVOA_X
ClientSampleId :
JBD-WC-S-SB-01-0-52

Tgt Ion:152 Resp: 192171

Ion	Ratio	Lower	Upper
152	100		
115	61.8	41.1	123.3
150	158.2	0.0	349.0

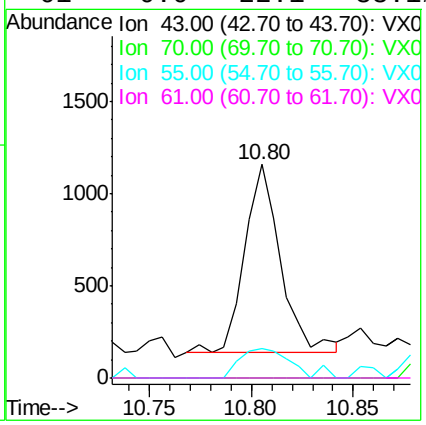


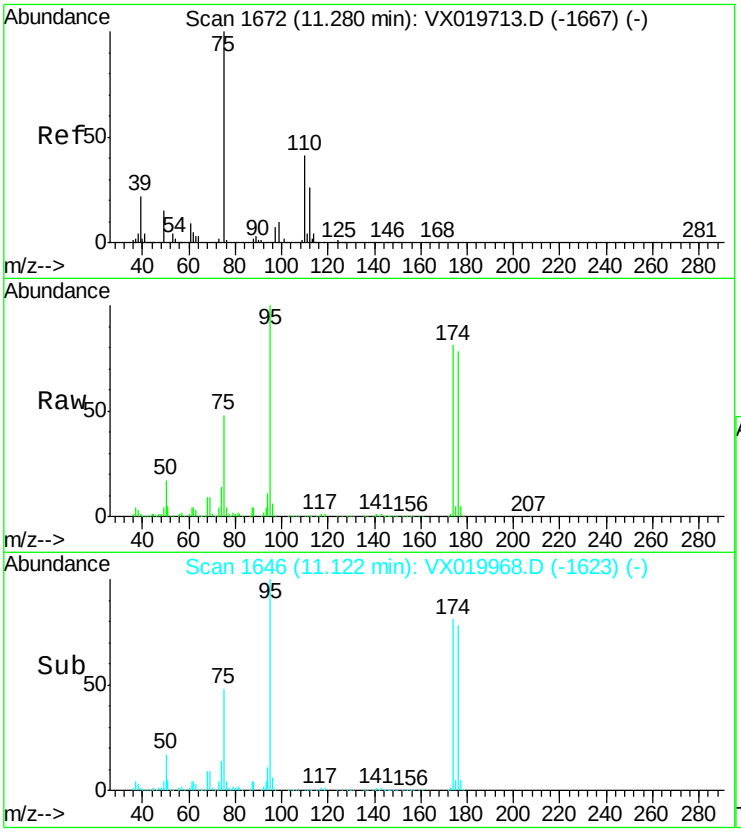


#74
N-amyl acetate
Concen: 0.235 ug/l
RT: 10.80 min Scan# 1594
Delta R.T. -0.07 min
Lab File: VX019968.D
Acq: 13 Dec 2020 05:58

Tgt Ion: 43 Resp: 1238

Ion	Ratio	Lower	Upper
43	100		
70	0.0	39.0	58.6#
55	22.9	21.5	32.3
61	0.0	22.1	33.1#



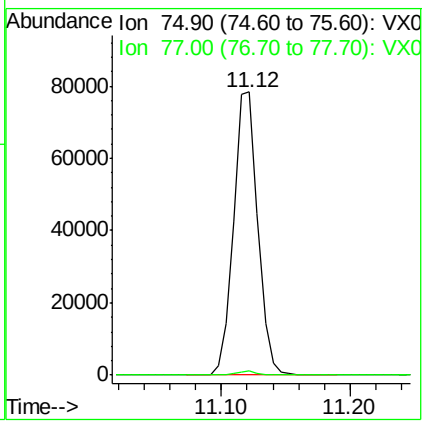


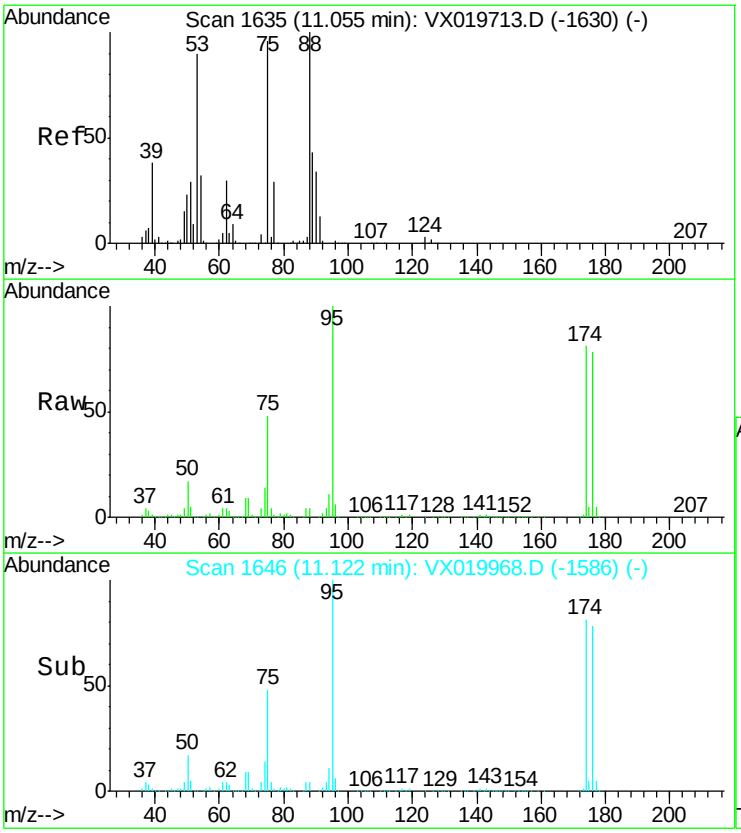
#76
1,2,3-Trichloropropane
Concen: 23.776 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.16 min
Lab File: VX019968.D
Acq: 13 Dec 2020 05:58

Instrument :
MSVOA_X
ClientSampleId :
JBD-WC-S-SB-01-0-52

Tgt Ion: 75 Resp: 102477

Ion	Ratio	Lower	Upper
75	100		
77	1.2	19.1	57.5#

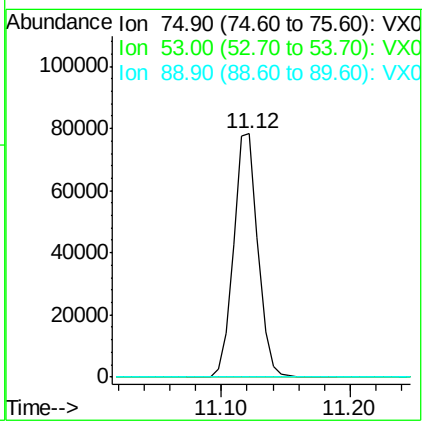


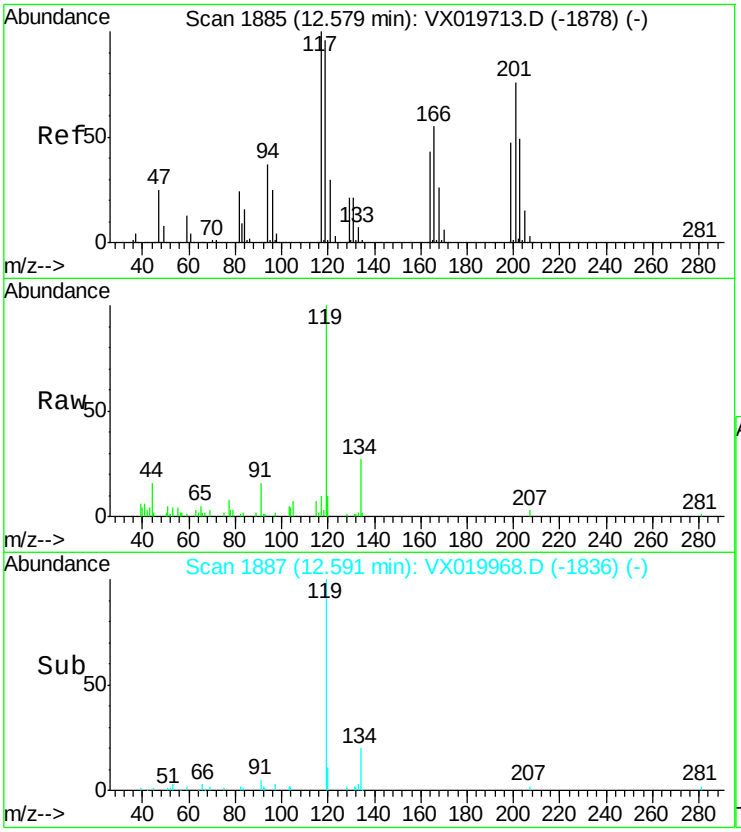


#81
trans-1,4-Dichloro-2-butene
Concen: 68.733 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.07 min
Lab File: VX019968.D
Acq: 13 Dec 2020 05:58

Tgt Ion: 75 Resp: 102477

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



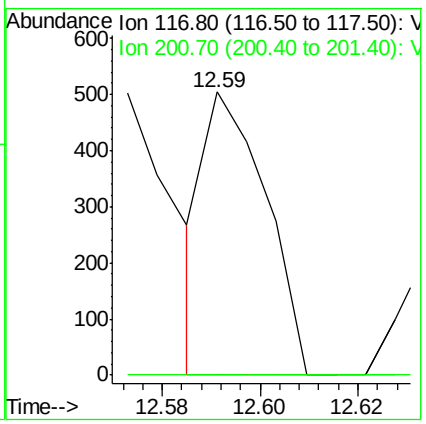


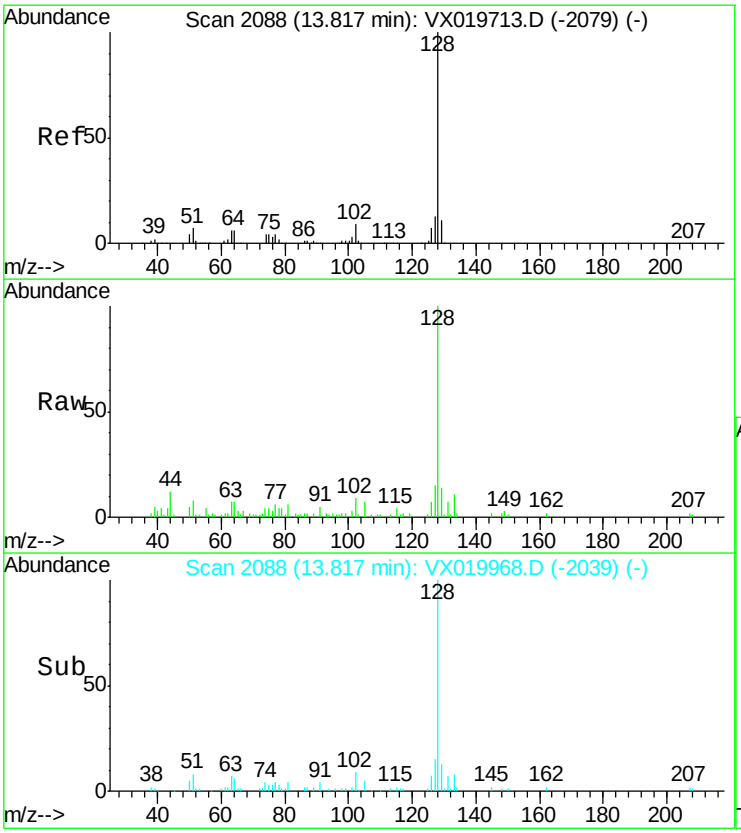
#90
Hexachloroethane
Concen: 0.223 ug/l
RT: 12.59 min Scan# 1887
Delta R.T. 0.01 min
Lab File: VX019968.D
Acq: 13 Dec 2020 05:58

Instrument :
MSVOA_X
ClientSampleId :
JBD-WC-S-SB-01-0-52

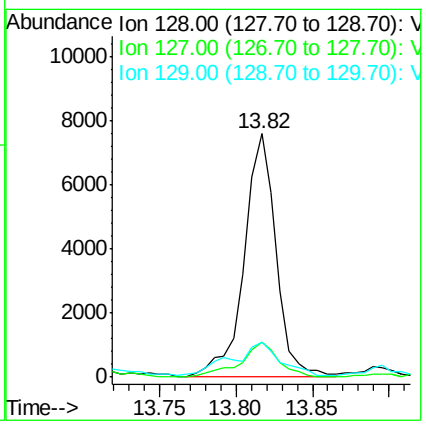
Tgt Ion:117 Resp: 437

Ion	Ratio	Lower	Upper
117	100		
201	0.0	40.4	121.2#





#95
Naphthalene
Concen: 0.873 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX019968.D
Acq: 13 Dec 2020 05:58

Tgt Ion:128 Resp: 11081

Ion	Ratio	Lower	Upper
128	100		
127	17.1	10.3	15.5#
129	19.9	8.8	13.2#