Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121420\
Data File : VX019994.D
Acq On : 14 Dec 2020 18:11
Operator : JC/MD
Sample : L5065-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : JBD-WC-S-SB-02-0-15

Quant Time: Dec 15 00:25:29 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	317632	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	526733	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	493641	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	213444	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	202676	48.55	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 97.10%			
35) Dibromofluoromethane	5.46	113	163820	48.12	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 96.24%			
50) Toluene-d8	8.70	98	657325	50.58	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 101.16%			
62) 4-Bromofluorobenzene	11.12	95	231472	46.79	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 93.58%			
Target Compounds						Qvalue
5) Bromomethane	1.62	94	329	0.275	ug/l #	69
11) Tert butyl alcohol	2.99	59	8421	7.275	ug/l #	78
13) Acrolein	2.27	56	276	0.599	ug/l #	14
16) Acetone	2.42	43	15152	9.656	ug/l	92
18) Methyl Acetate	2.75	43	2005	0.522	ug/l	100
20) Methylene Chloride	2.83	84	13653	2.459	ug/l	97
25) 2-Butanone	4.64	43	4227	1.753	ug/l	99
29) Tetrahydrofuran	5.09	42	2100	1.352	ug/l	87
31) Cyclohexane	5.63	56	6162	1.187	ug/l #	1
36) 1,1-Dichloropropene	5.63	75	24067	5.056	ug/l #	49
38) Carbon Tetrachloride	5.63	117	31262	6.707	ug/l #	16
41) Methacrylonitrile	5.10	41	1318	0.500	ug/l #	43
43) Isopropyl Acetate	6.41	43	26566	3.400	ug/l	98
48) Methyl methacrylate	7.65	41	7101	1.848	ug/l #	10
49) 1,4-Dioxane	7.85	88	217	2.331	ug/l #	1
51) 4-Methyl-2-Pentanone	8.59	43	84231	17.658	ug/l #	48
54) cis-1,3-Dichloropropene	8.59	75	43865	7.472	ug/l #	59
57) 1,3-Dichloropropane	9.52	76	26142	4.178	ug/l #	43
59) 2-Hexanone	9.52	43	318874	86.240	ug/l #	46
74) N-amyl acetate	10.80	43	1243	0.213	ug/l #	46
76) 1,2,3-Trichloropropane	11.12	75	112051	23.406	ug/l #	39
81) trans-1,4-Dichloro-2-buten	11.12	75	112051	67.664	ug/l #	12
95) Naphthalene	13.82	128	5140	0.365	ug/l	99

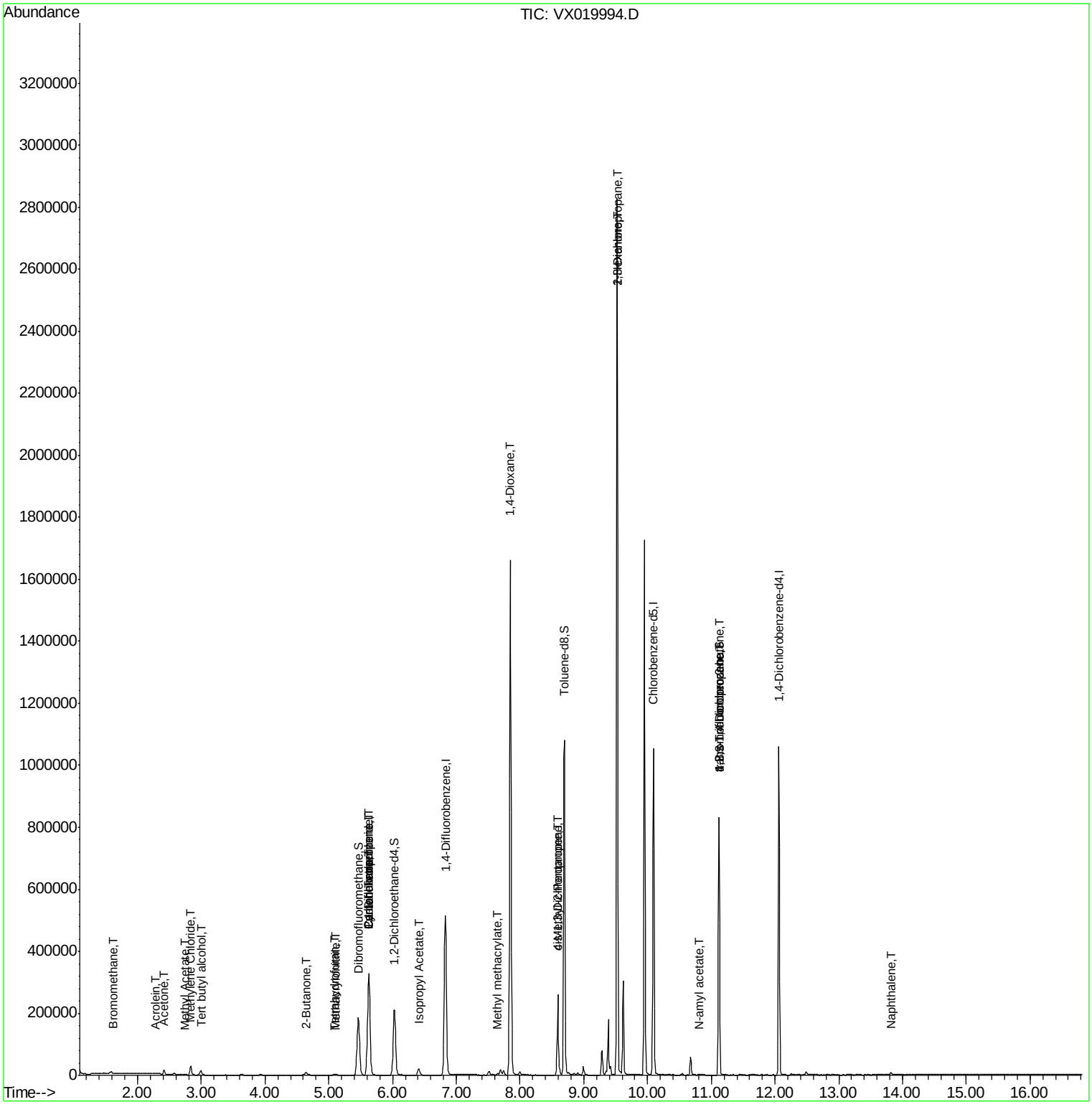
(#) = qualifier out of range (m) = manual integration (+) = signals summed

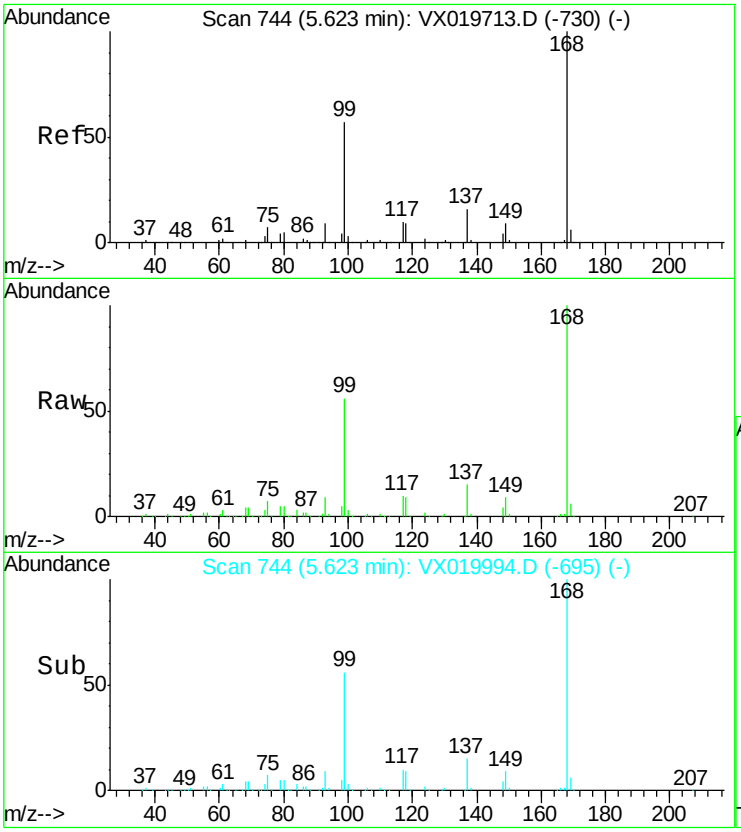
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121420\
Data File : VX019994.D
Acq On : 14 Dec 2020 18:11
Operator : JC/MD
Sample : L5065-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
JBD-WC-S-SB-02-0-15

Quant Time: Dec 15 00:25:29 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



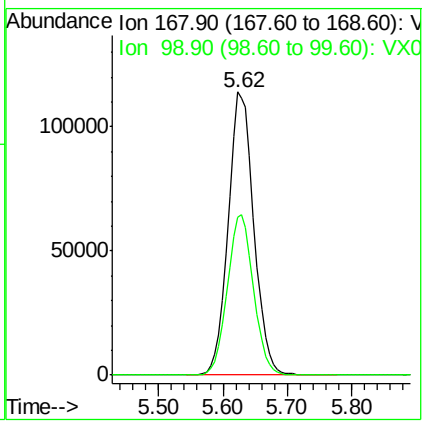


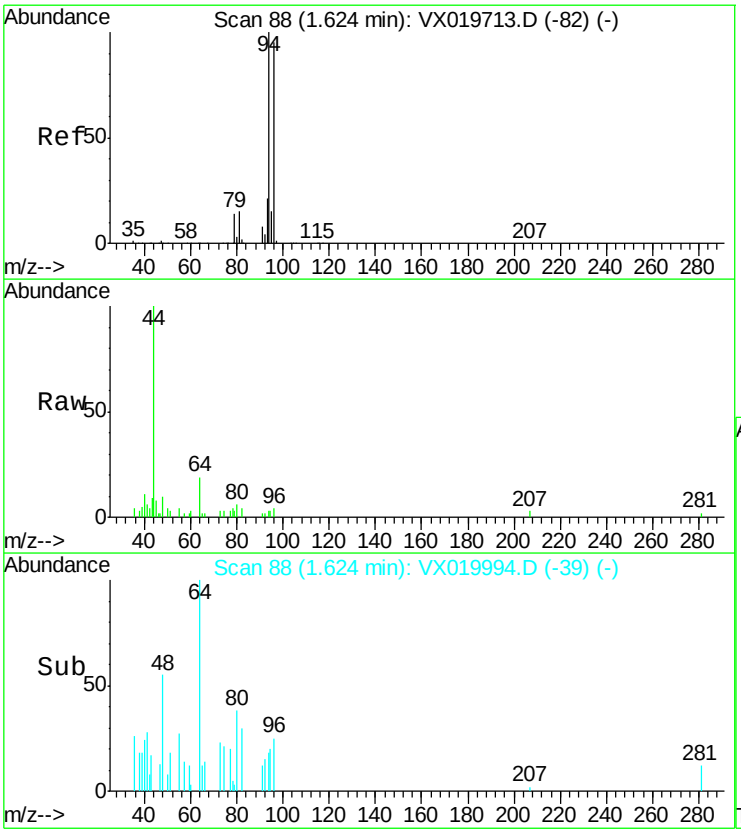
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.62 min Scan# 744
Delta R.T. 0.00 min
Lab File: VX019994.D
Acq: 14 Dec 2020 18:11

Instrument :
MSVOA_X
ClientSampleId :
JBD-WC-S-SB-02-0-15

Tgt Ion:168 Resp: 317632

Ion	Ratio	Lower	Upper
168	100		
99	55.9	45.8	68.6

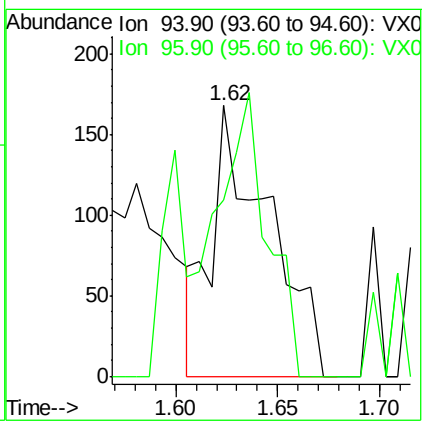


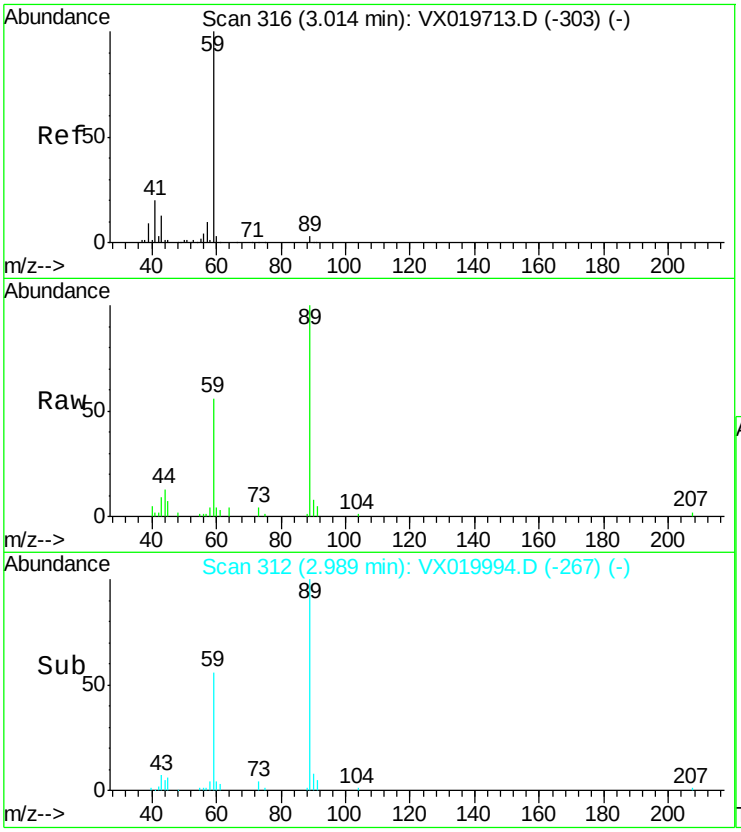


#5
Bromomethane
Concen: 0.275 ug/l
RT: 1.62 min Scan# 88
Delta R.T. 0.00 min
Lab File: VX019994.D
Acq: 14 Dec 2020 18:11

Tgt Ion: 94 Resp: 329

Ion	Ratio	Lower	Upper
94	100		
96	64.9	76.4	114.6#



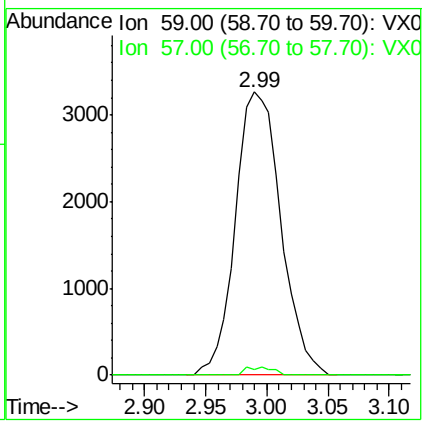


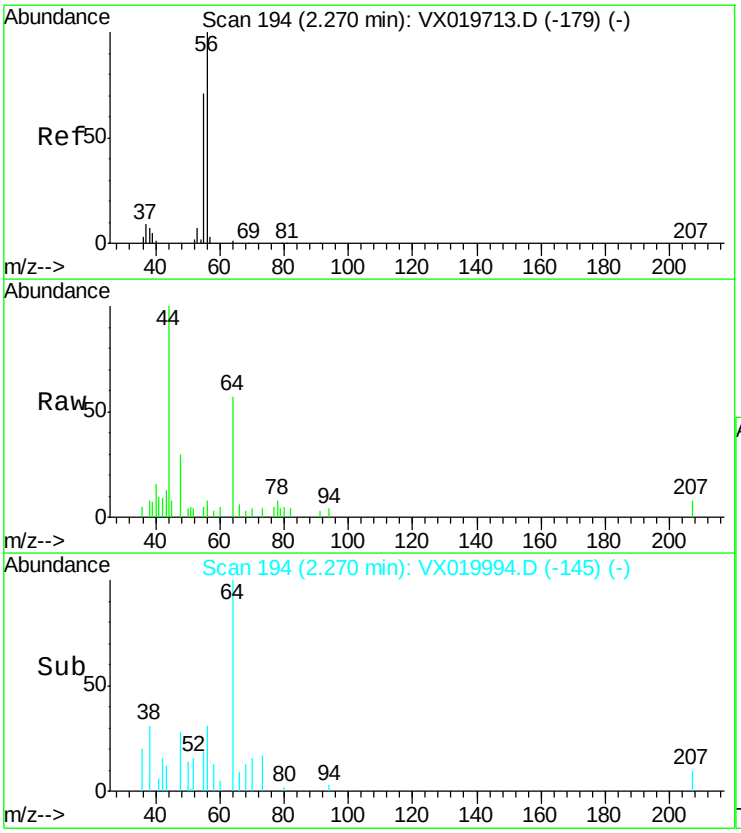
#11
Tert butyl alcohol
Concen: 7.275 ug/l
RT: 2.99 min Scan# 312
Delta R.T. -0.02 min
Lab File: VX019994.D
Acq: 14 Dec 2020 18:11

Instrument :
MSVOA_X
ClientSampleId :
JBD-WC-S-SB-02-0-15

Tgt Ion: 59 Resp: 8421

Ion	Ratio	Lower	Upper
59	100		
57	1.7	7.8	11.8#

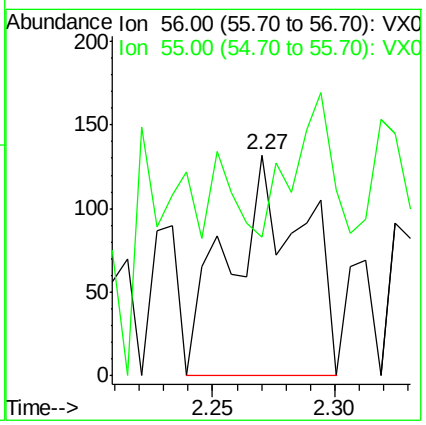


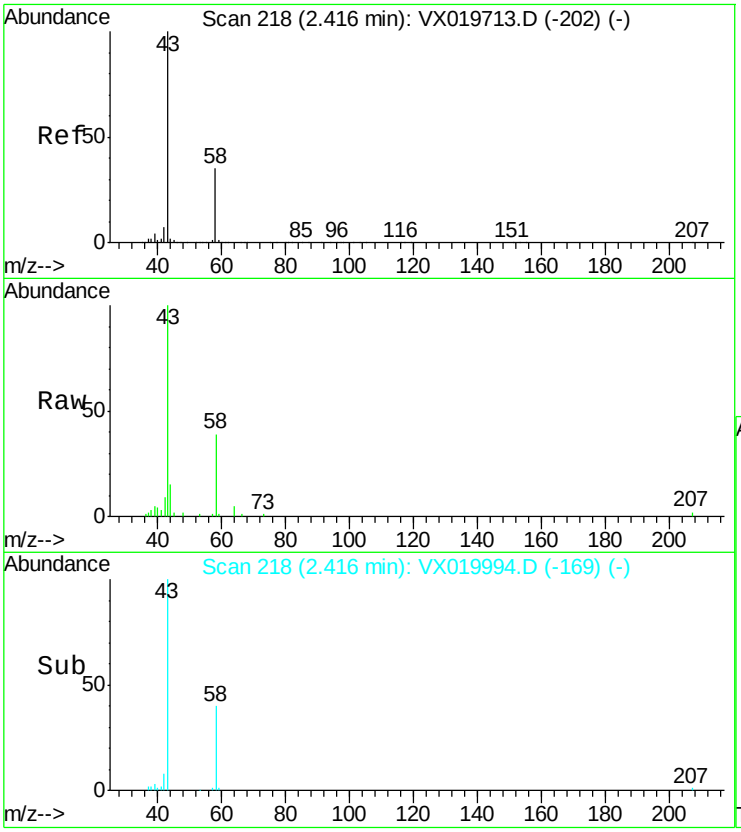


#13
Acrolein
Concen: 0.599 ug/l
RT: 2.27 min Scan# 194
Delta R.T. 0.00 min
Lab File: VX019994.D
Acq: 14 Dec 2020 18:11

Tgt Ion: 56 Resp: 276

Ion	Ratio	Lower	Upper
56	100		
55	0.0	56.4	84.6#



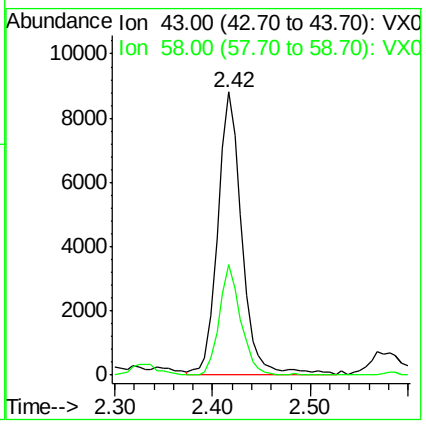


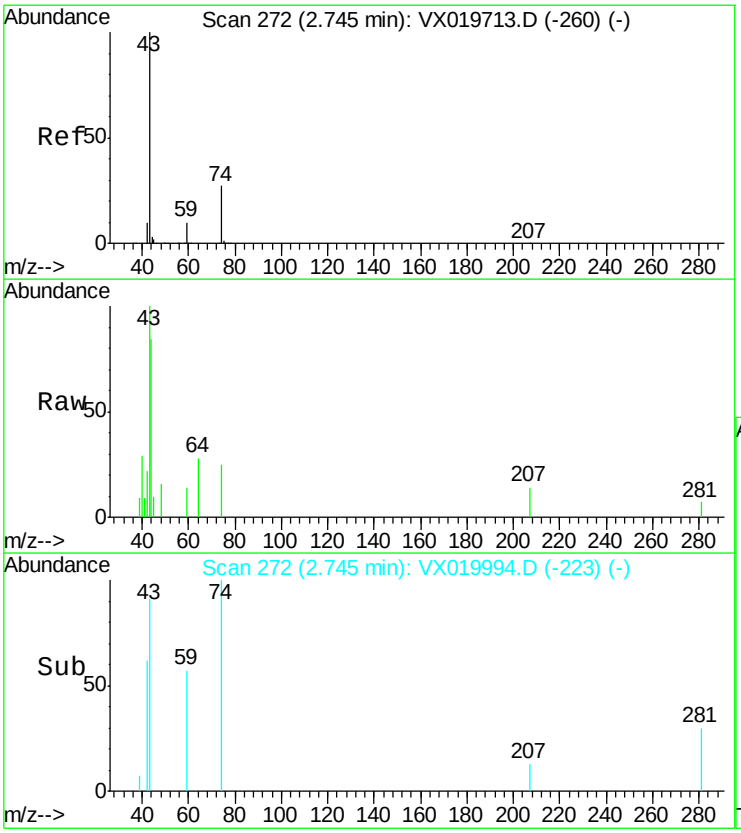
#16
Acetone
Concen: 9.656 ug/l
RT: 2.42 min Scan# 218
Delta R.T. 0.00 min
Lab File: VX019994.D
Acq: 14 Dec 2020 18:11

Instrument :
MSVOA_X
ClientSampleId :
JBD-WC-S-SB-02-0-15

Tgt Ion: 43 Resp: 15152

Ion	Ratio	Lower	Upper
43	100		
58	39.1	27.8	41.8

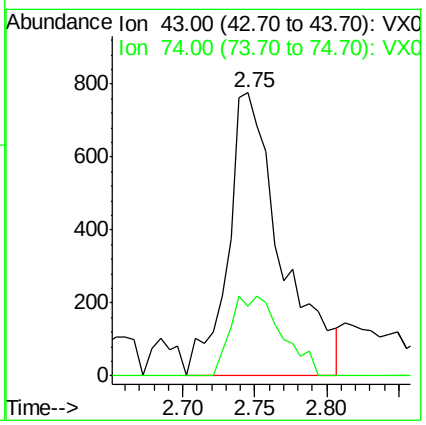


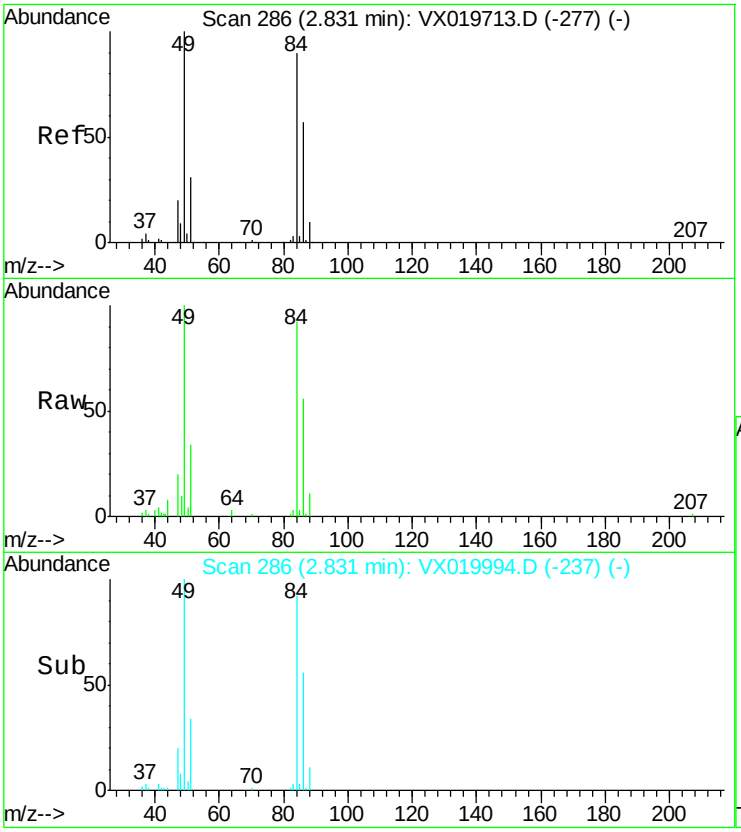


#18
Methyl Acetate
Concen: 0.522 ug/l
RT: 2.75 min Scan# 272
Delta R.T. 0.00 min
Lab File: VX019994.D
Acq: 14 Dec 2020 18:11

Tgt Ion: 43 Resp: 2005

Ion	Ratio	Lower	Upper
43	100		
74	27.2	21.9	32.9



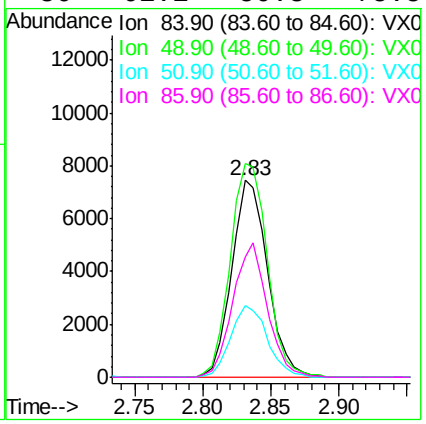


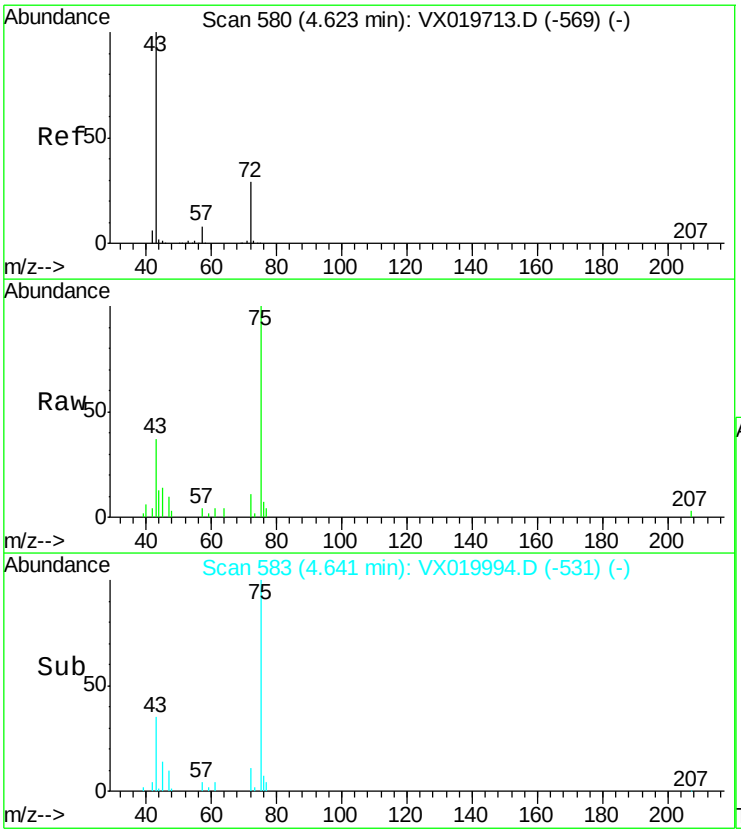
#20
Methylene Chloride
Concen: 2.459 ug/l
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX019994.D
Acq: 14 Dec 2020 18:11

Instrument :
MSVOA_X
ClientSampleId :
JBD-WC-S-SB-02-0-15

Tgt Ion: 84 Resp: 13653

Ion	Ratio	Lower	Upper
84	100		
49	108.4	88.6	132.8
51	36.4	27.0	40.6
86	61.1	50.3	75.5

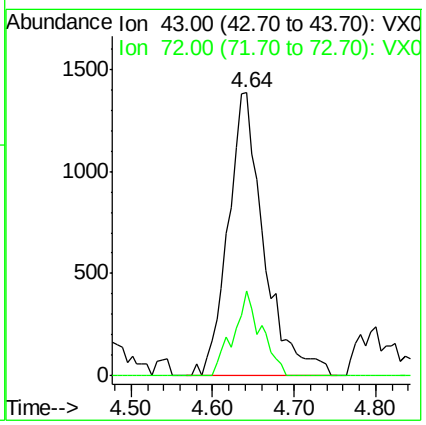


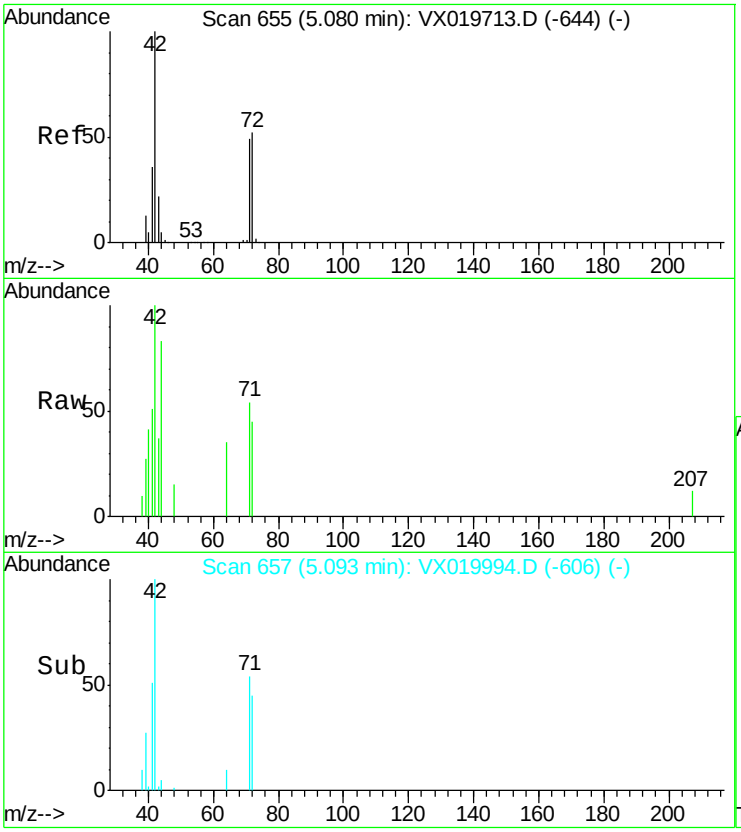


#25
2-Butanone
Concen: 1.753 ug/l
RT: 4.64 min Scan# 583
Delta R.T. 0.02 min
Lab File: VX019994.D
Acq: 14 Dec 2020 18:11

Tgt Ion: 43 Resp: 4227

Ion	Ratio	Lower	Upper
43	100		
72	29.9	23.7	35.5



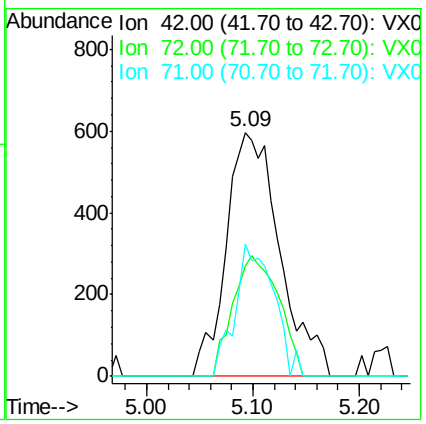


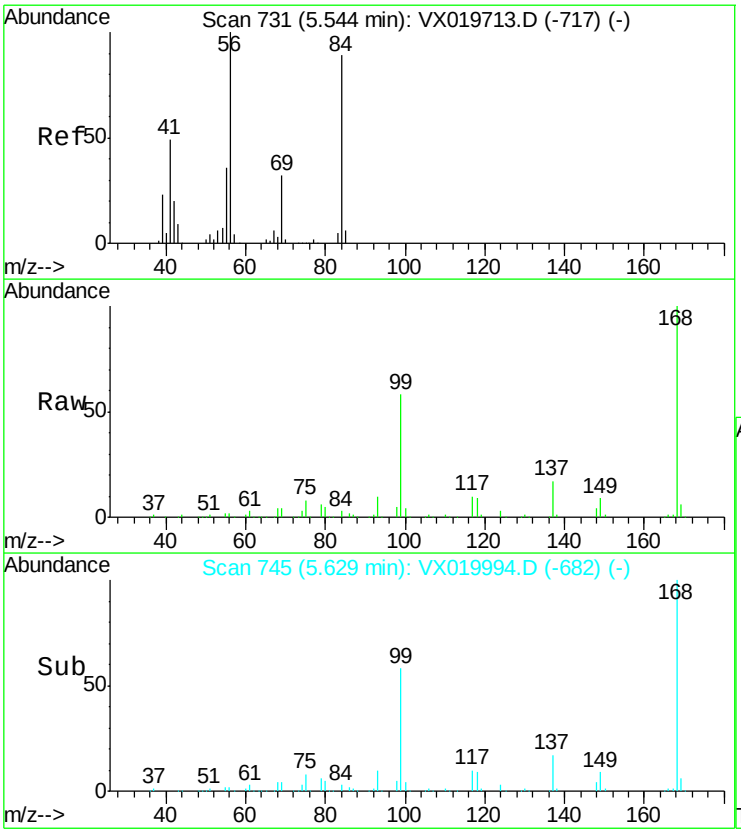
#29
Tetrahydrofuran
Concen: 1.352 ug/l
RT: 5.09 min Scan# 657
Delta R.T. 0.01 min
Lab File: VX019994.D
Acq: 14 Dec 2020 18:11

Instrument :
MSVOA_X
ClientSampleId :
JBD-WC-S-SB-02-0-15

Tgt Ion: 42 Resp: 2100

Ion	Ratio	Lower	Upper
42	100		
72	42.7	41.7	62.5
71	39.3	38.4	57.6

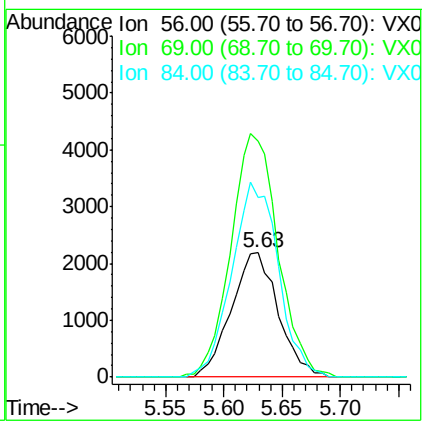


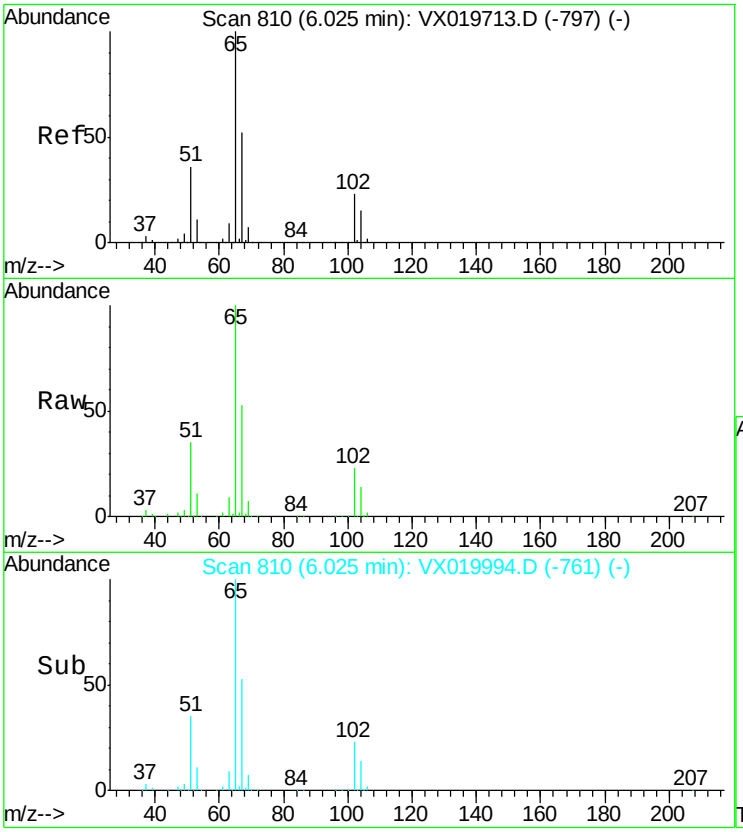


#31
Cyclohexane
Concen: 1.187 ug/l
RT: 5.63 min Scan# 745
Delta R.T. 0.09 min
Lab File: VX019994.D
Acq: 14 Dec 2020 18:11

Tgt Ion: 56 Resp: 6162

Ion	Ratio	Lower	Upper
56	100		
69	190.0	25.3	37.9#
84	144.2	71.4	107.0#



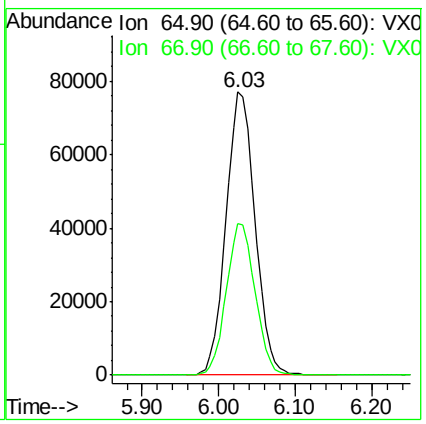


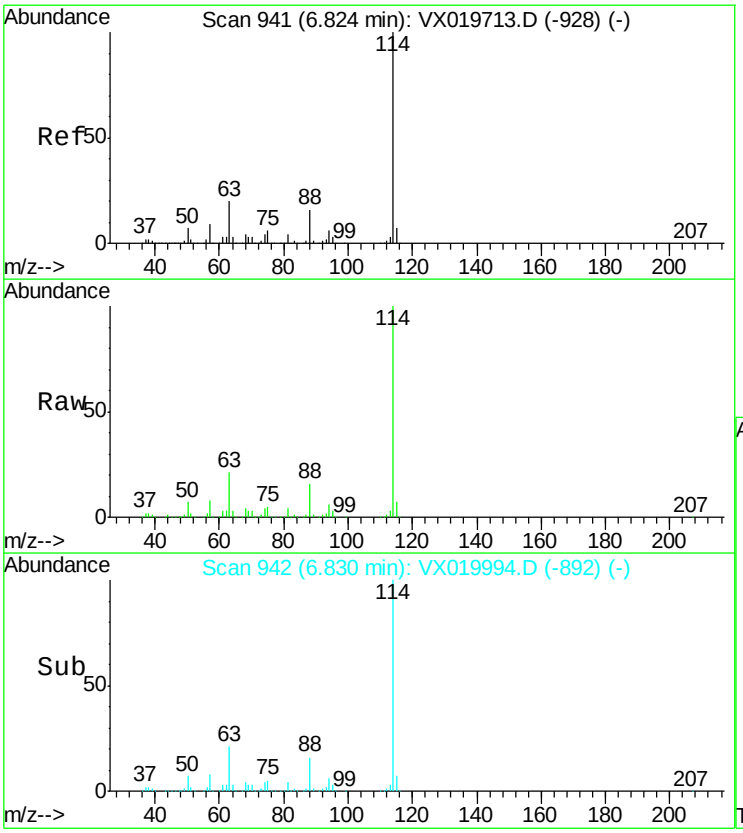
#33
1,2-Dichloroethane-d4
Concen: 48.550 ug/l
RT: 6.03 min Scan# 810
Delta R.T. 0.00 min
Lab File: VX019994.D
Acq: 14 Dec 2020 18:11

Instrument :
MSVOA_X
ClientSampleId :
JBD-WC-S-SB-02-0-15

Tgt Ion: 65 Resp: 202676

Ion	Ratio	Lower	Upper
65	100		
67	53.1	0.0	105.4

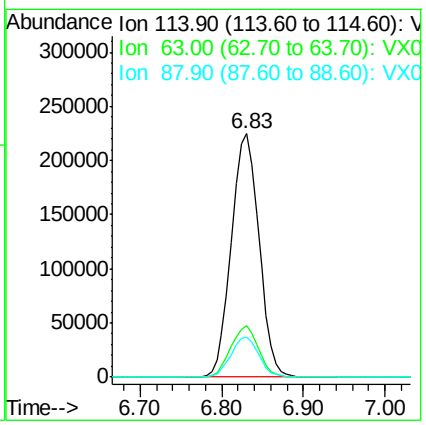


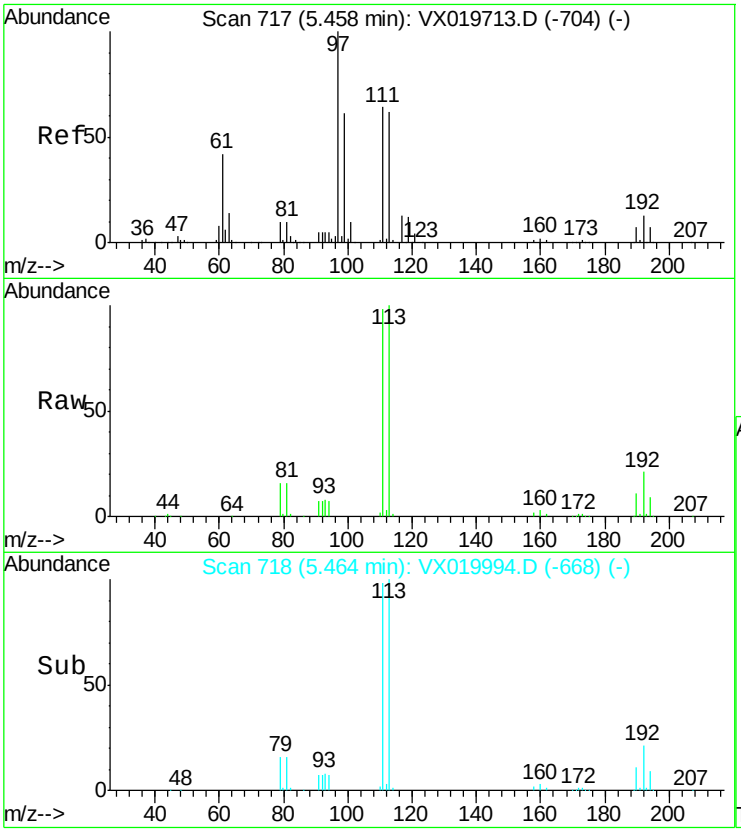


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.83 min Scan# 942
Delta R.T. 0.01 min
Lab File: VX019994.D
Acq: 14 Dec 2020 18:11

Tgt Ion:114 Resp: 526733

Ion	Ratio	Lower	Upper
114	100		
63	21.0	0.0	40.8
88	16.5	0.0	32.8



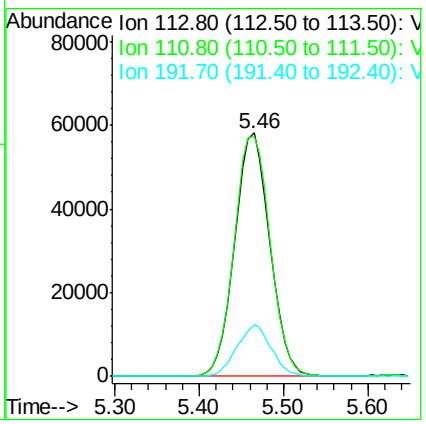


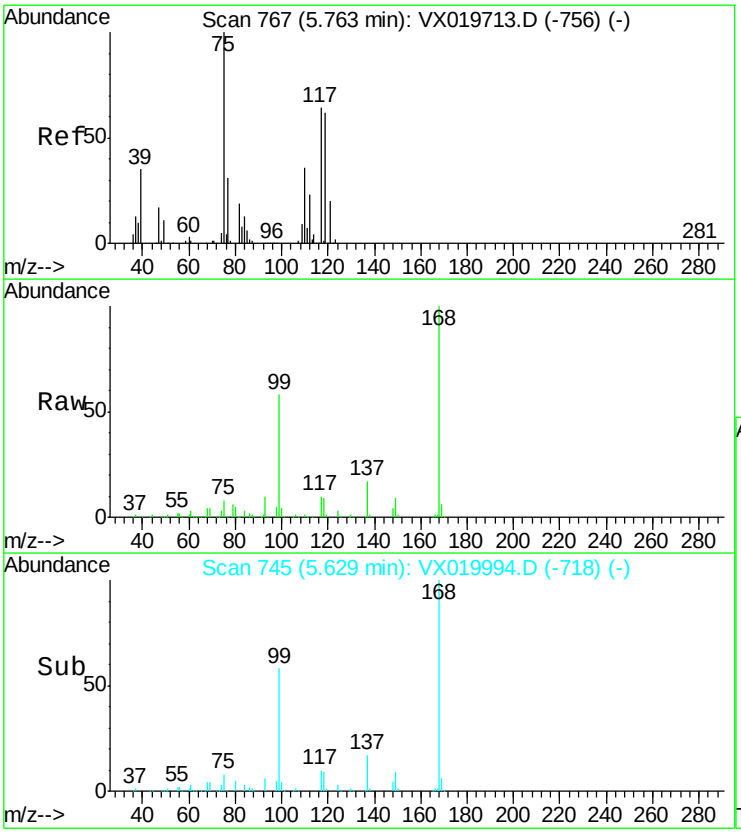
#35
Dibromofluoromethane
Concen: 48.123 ug/l
RT: 5.46 min Scan# 718
Delta R.T. 0.01 min
Lab File: VX019994.D
Acq: 14 Dec 2020 18:11

Instrument :
MSVOA_X
ClientSampleId :
JBD-WC-S-SB-02-0-15

Tgt Ion:113 Resp: 163820

Ion	Ratio	Lower	Upper
113	100		
111	102.0	81.9	122.9
192	20.7	16.7	25.1

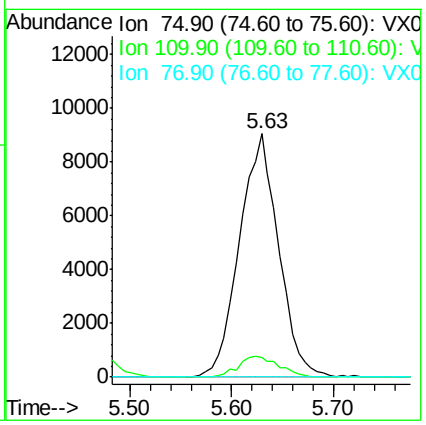


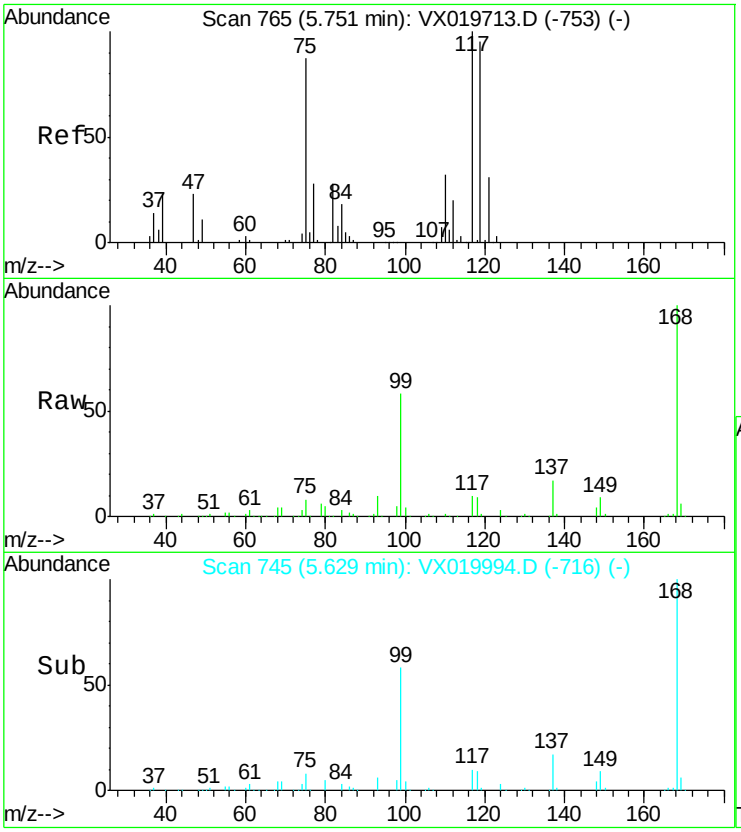


#36
1,1-Dichloropropene
Concen: 5.056 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.13 min
Lab File: VX019994.D
Acq: 14 Dec 2020 18:11

Tgt Ion: 75 Resp: 24067

Ion	Ratio	Lower	Upper
75	100		
110	8.8	18.1	54.4#
77	0.0	25.3	37.9#



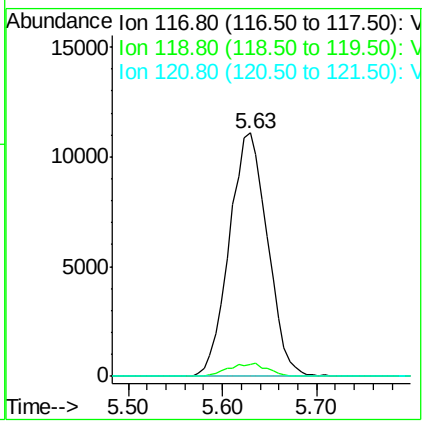


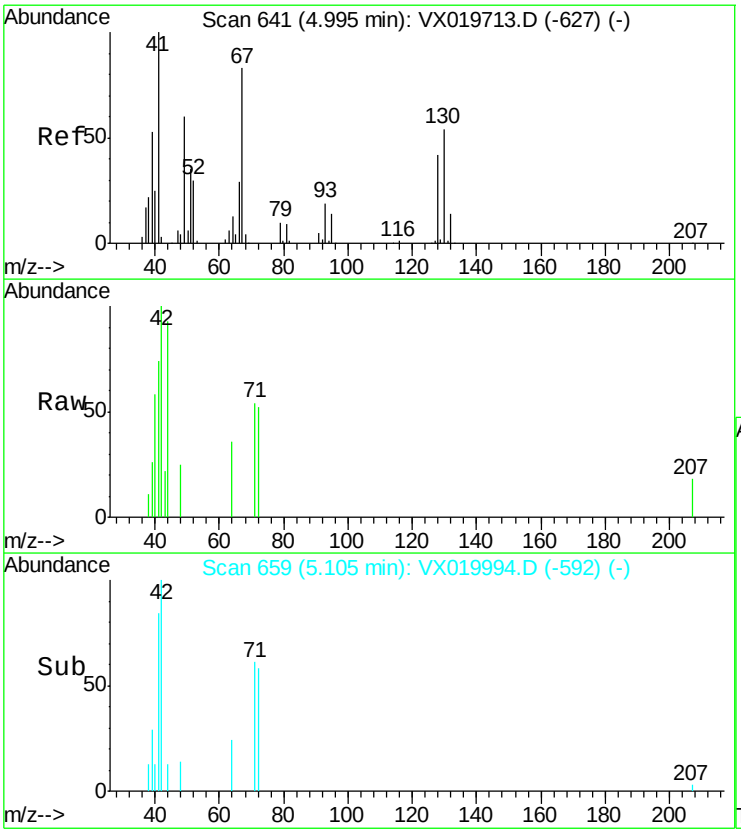
#38
Carbon Tetrachloride
Concen: 6.707 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.12 min
Lab File: VX019994.D
Acq: 14 Dec 2020 18:11

Instrument :
MSVOA_X
ClientSampleId :
JBD-WC-S-SB-02-0-15

Tgt Ion:117 Resp: 31262

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

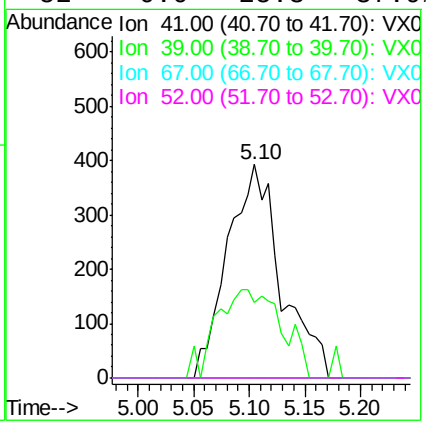


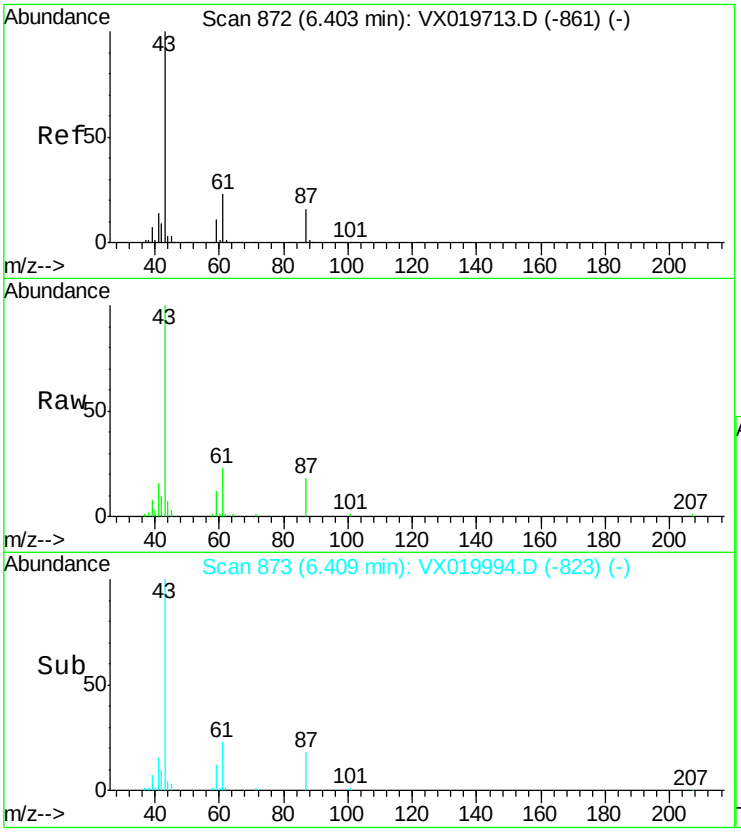


#41
Methacrylonitrile
Concen: 0.500 ug/l
RT: 5.10 min Scan# 659
Delta R.T. 0.11 min
Lab File: VX019994.D
Acq: 14 Dec 2020 18:11

Tgt Ion: 41 Resp: 1318

Ion	Ratio	Lower	Upper
41	100		
39	50.3	42.5	63.7
67	0.0	65.0	97.6#
52	0.0	25.3	37.9#



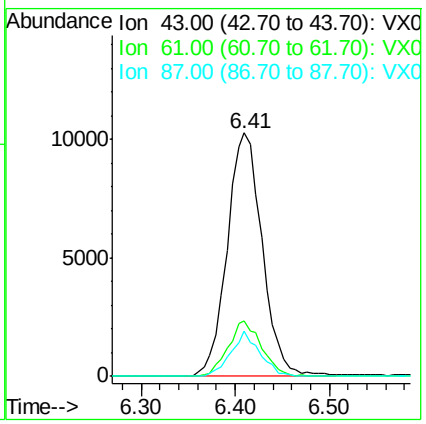


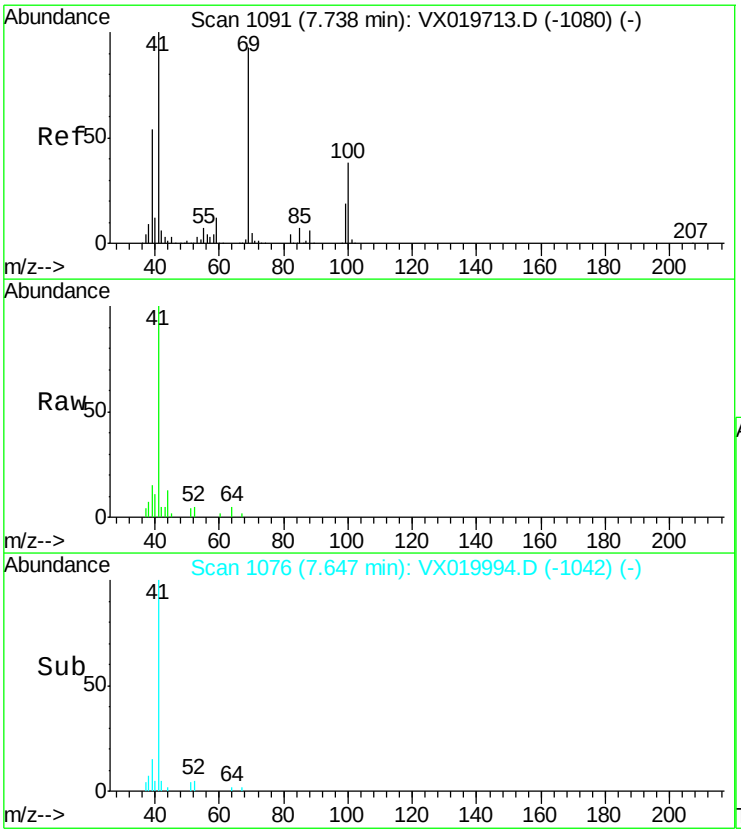
#43
Isopropyl Acetate
Concen: 3.400 ug/l
RT: 6.41 min Scan# 873
Delta R.T. 0.01 min
Lab File: VX019994.D
Acq: 14 Dec 2020 18:11

Instrument :
MSVOA_X
ClientSampleId :
JBD-WC-S-SB-02-0-15

Tgt Ion: 43 Resp: 26566

Ion	Ratio	Lower	Upper
43	100		
61	21.6	18.2	27.4
87	15.3	12.5	18.7

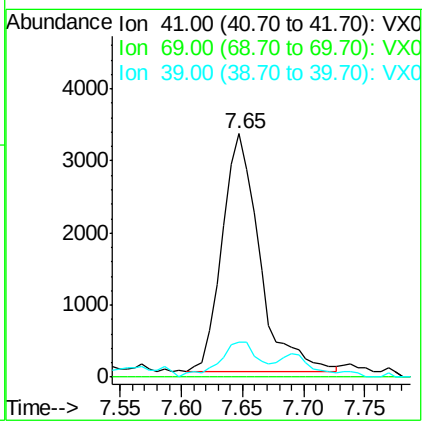


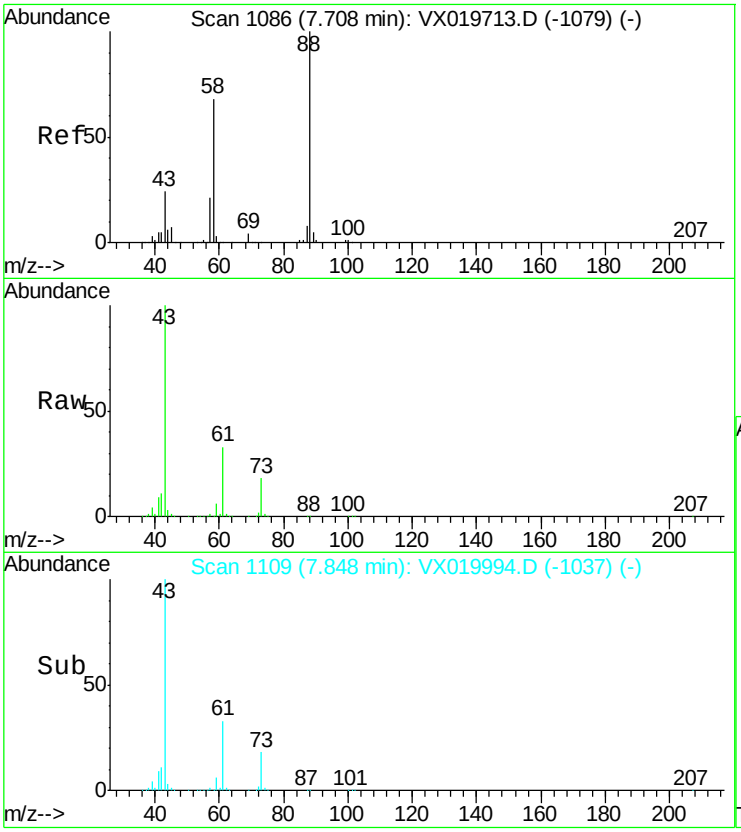


#48
Methyl methacrylate
Concen: 1.848 ug/l
RT: 7.65 min Scan# 1076
Delta R.T. -0.09 min
Lab File: VX019994.D
Acq: 14 Dec 2020 18:11

Tgt Ion: 41 Resp: 7101

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



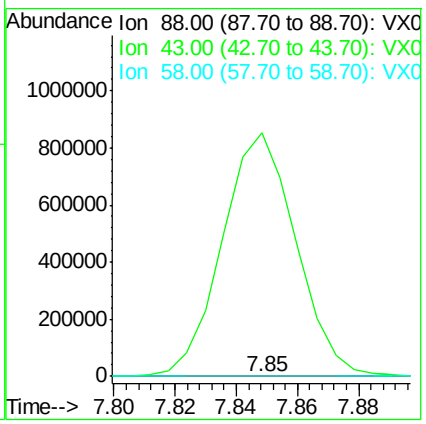


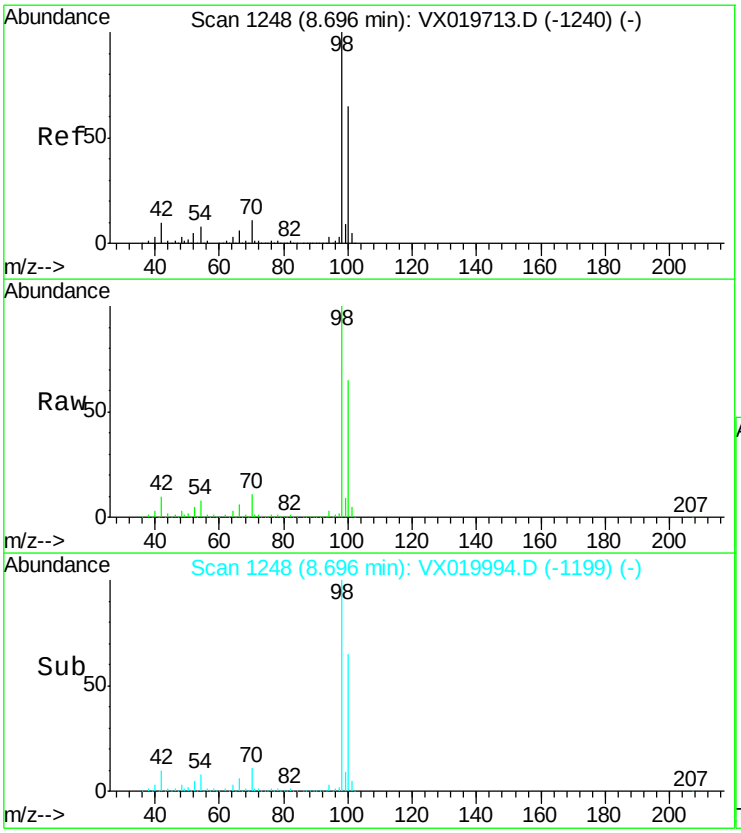
#49
1,4-Dioxane
Concen: 2.331 ug/l
RT: 7.85 min Scan# 1109
Delta R.T. 0.14 min
Lab File: VX019994.D
Acq: 14 Dec 2020 18:11

Instrument :
MSVOA_X
ClientSampleId :
JBD-WC-S-SB-02-0-15

Tgt Ion: 88 Resp: 217

Ion	Ratio	Lower	Upper
88	100		
43	658884.8	23.2	34.8#
58	3288.5	55.0	82.4#

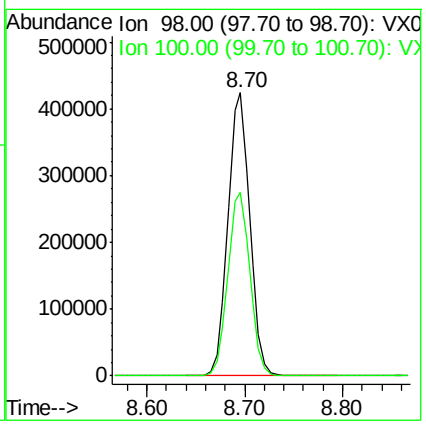


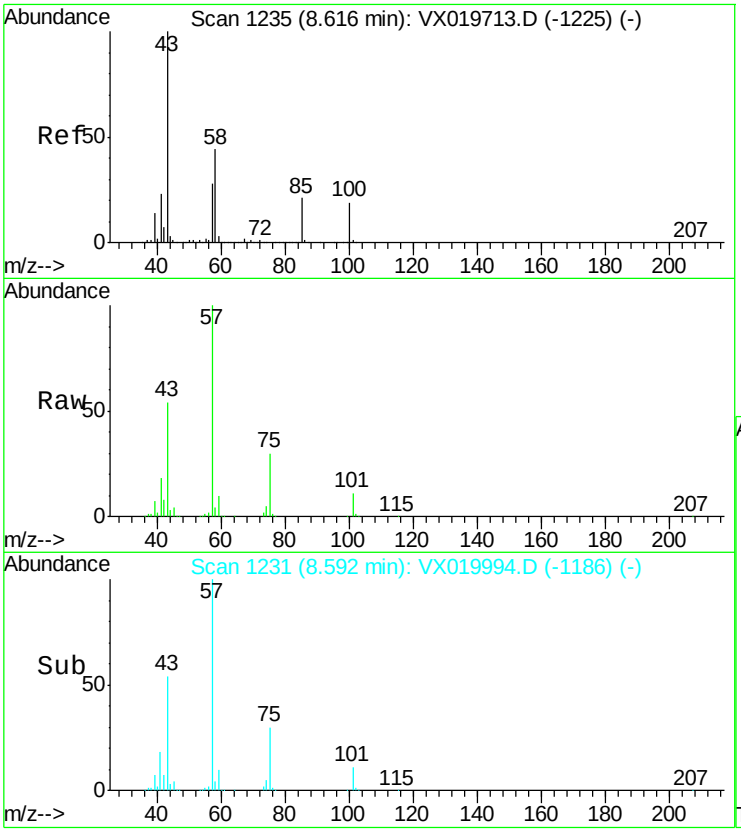


#50
Toluene-d8
Concen: 50.578 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX019994.D
Acq: 14 Dec 2020 18:11

Tgt Ion: 98 Resp: 657325

Ion	Ratio	Lower	Upper
98	100		
100	65.4	51.9	77.9



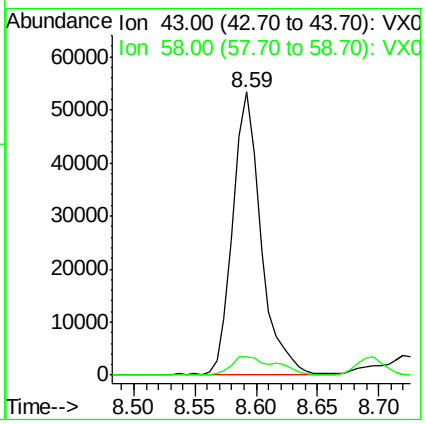


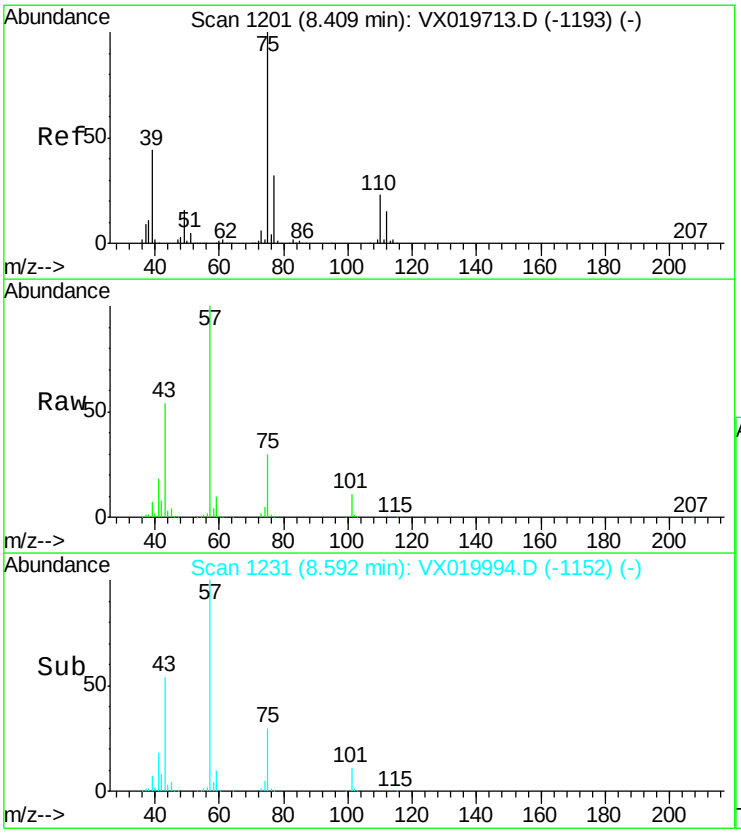
#51
4-Methyl-2-Pentanone
Concen: 17.658 ug/l
RT: 8.59 min Scan# 1231
Delta R.T. -0.02 min
Lab File: VX019994.D
Acq: 14 Dec 2020 18:11

Instrument :
MSVOA_X
ClientSampleId :
JBD-WC-S-SB-02-0-15

Tgt Ion: 43 Resp: 84231

Ion	Ratio	Lower	Upper
43	100		
58	10.3	35.4	53.0#

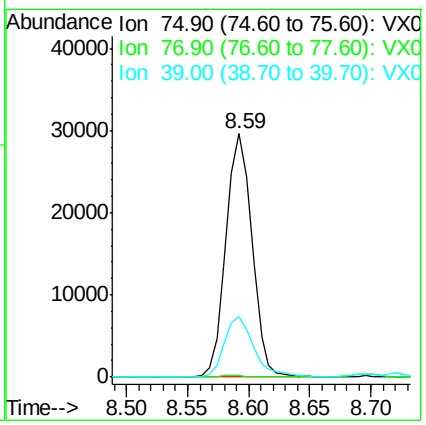


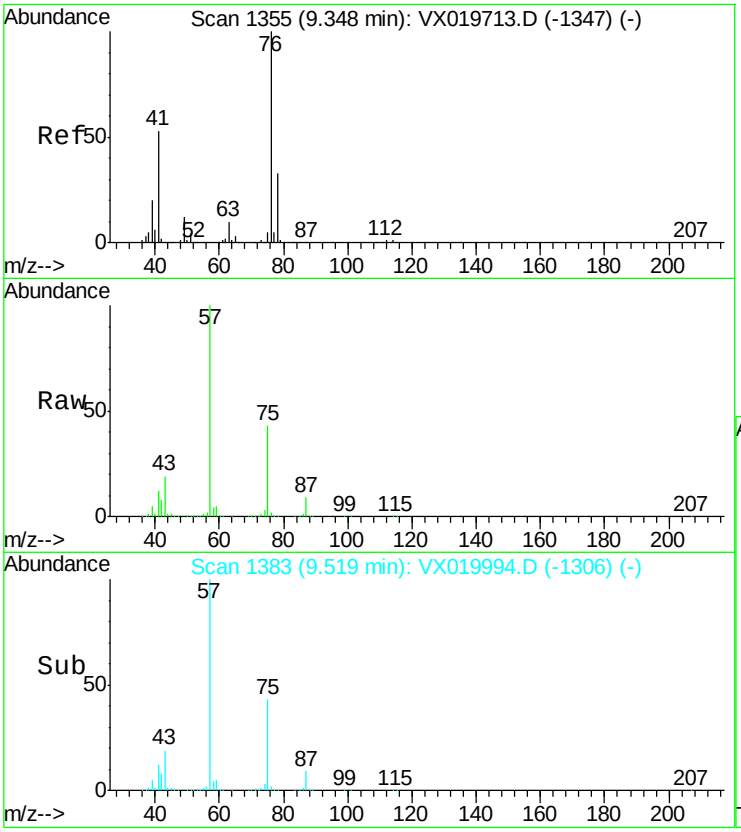


#54
cis-1,3-Dichloropropene
Concen: 7.472 ug/l
RT: 8.59 min Scan# 1231
Delta R.T. 0.18 min
Lab File: VX019994.D
Acq: 14 Dec 2020 18:11

Tgt Ion: 75 Resp: 43865

Ion	Ratio	Lower	Upper
75	100		
77	0.5	25.7	38.5#
39	24.7	35.1	52.7#



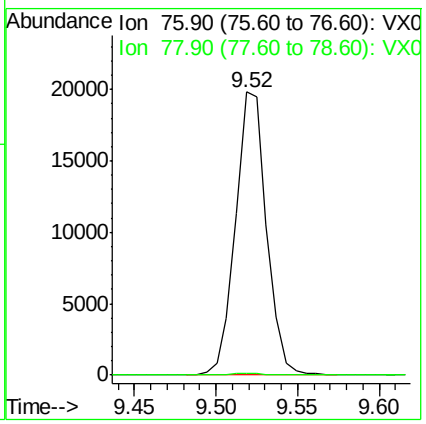


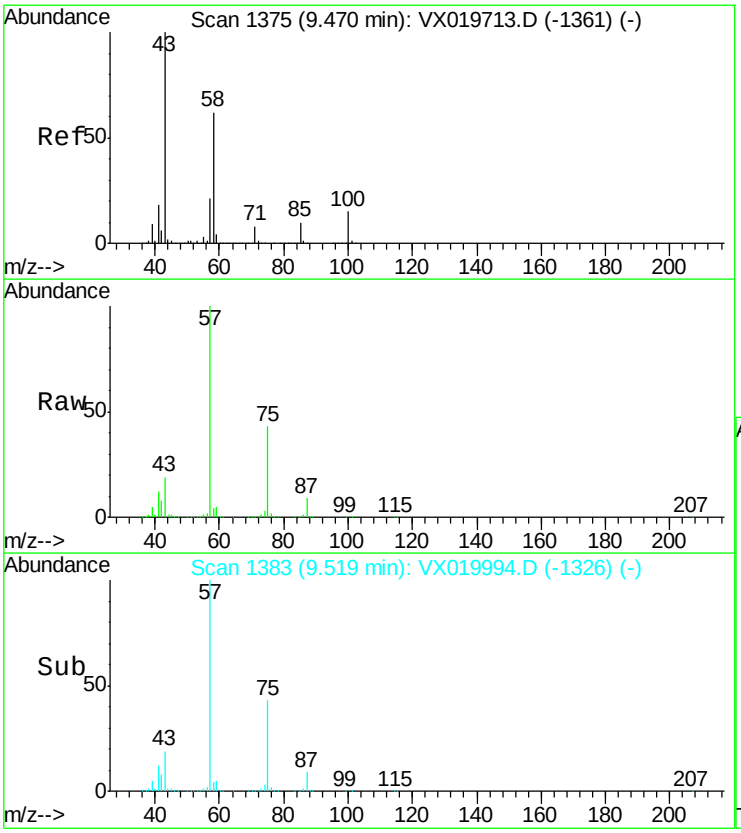
#57
1,3-Dichloropropane
Concen: 4.178 ug/l
RT: 9.52 min Scan# 1383
Delta R.T. 0.17 min
Lab File: VX019994.D
Acq: 14 Dec 2020 18:11

Instrument :
MSVOA_X
ClientSampleId :
JBD-WC-S-SB-02-0-15

Tgt Ion: 76 Resp: 26142

Ion	Ratio	Lower	Upper
76	100		
78	0.6	26.2	39.2#

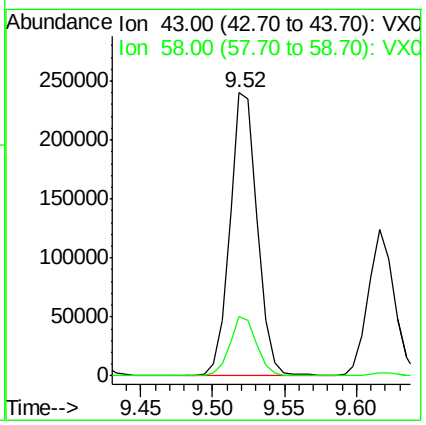


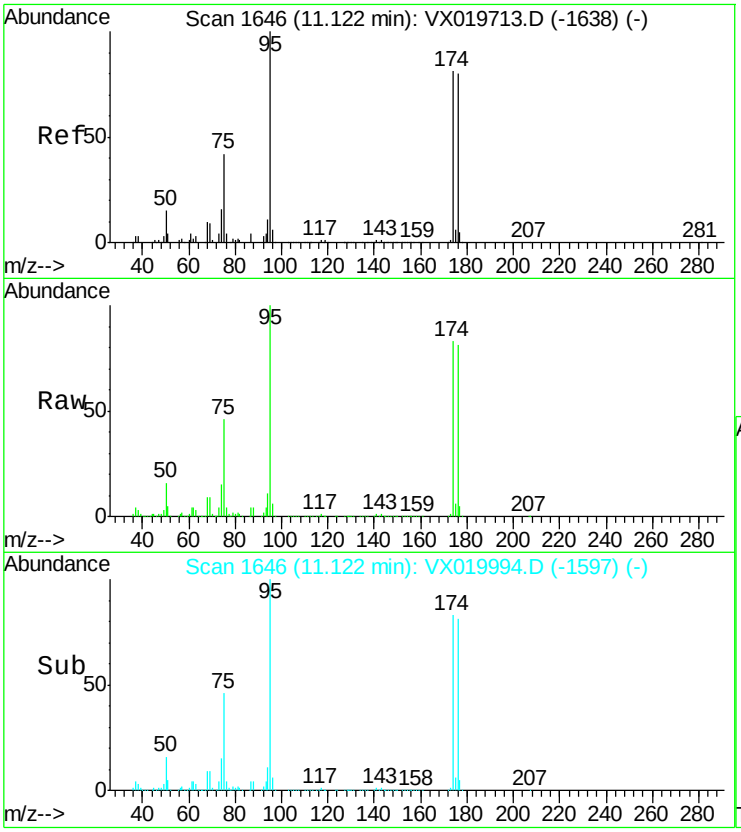


#59
2-Hexanone
Concen: 86.240 ug/l
RT: 9.52 min Scan# 1383
Delta R.T. 0.05 min
Lab File: VX019994.D
Acq: 14 Dec 2020 18:11

Tgt Ion: 43 Resp: 318874

Ion	Ratio	Lower	Upper
43	100		
58	20.5	30.9	92.8#



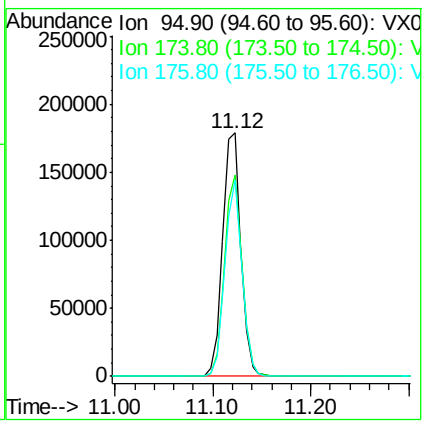


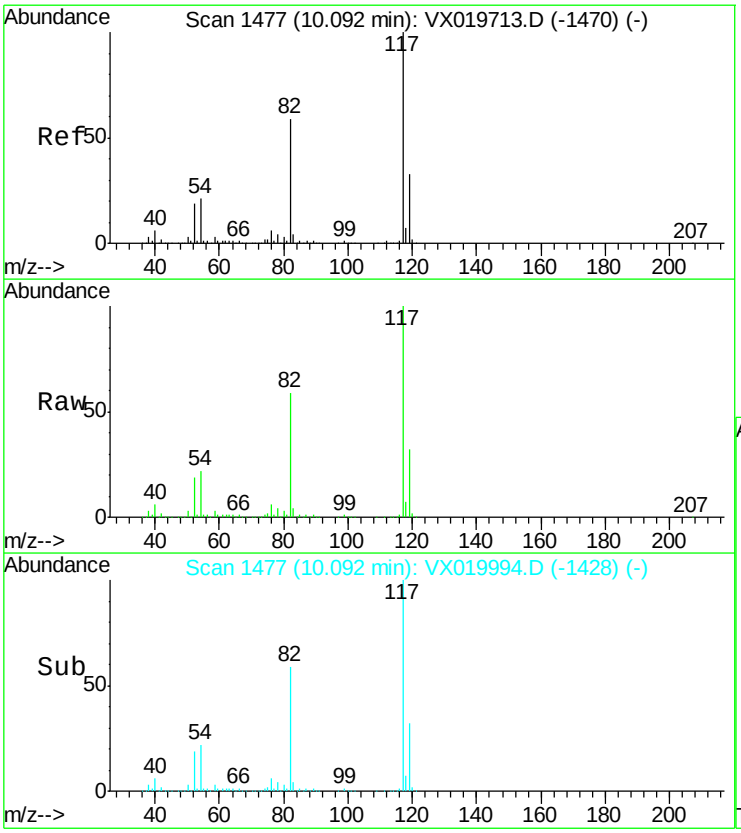
#62
4-Bromofluorobenzene
Concen: 46.794 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX019994.D
Acq: 14 Dec 2020 18:11

Instrument :
MSVOA_X
ClientSampleId :
JBD-WC-S-SB-02-0-15

Tgt Ion: 95 Resp: 231472

Ion	Ratio	Lower	Upper
95	100		
174	79.8	0.0	154.6
176	76.0	0.0	155.8

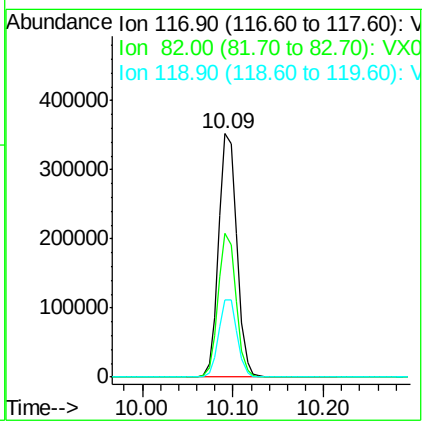


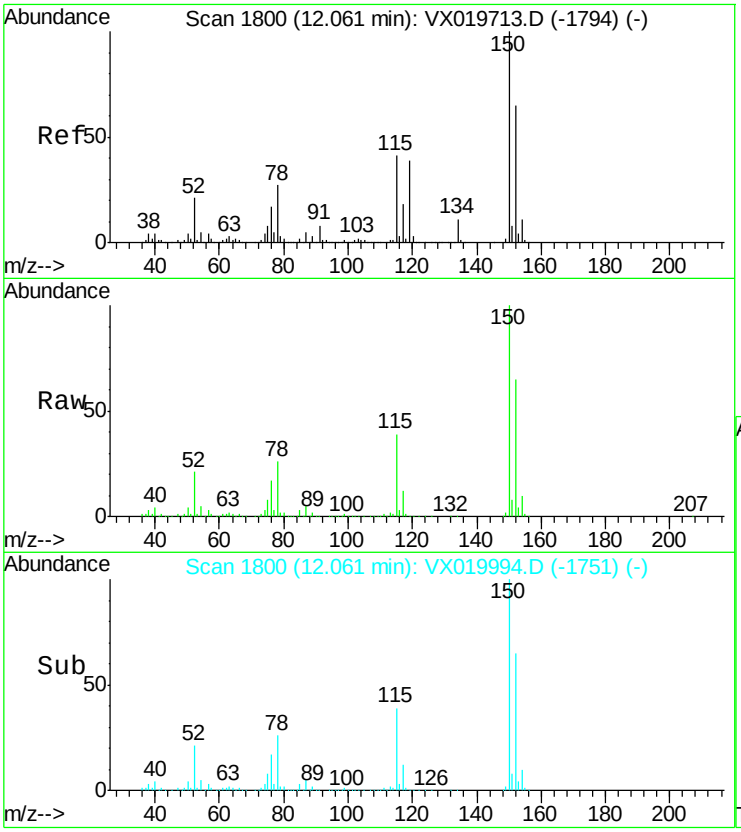


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.09 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX019994.D
Acq: 14 Dec 2020 18:11

Tgt Ion:117 Resp: 493641

Ion	Ratio	Lower	Upper
117	100		
82	58.8	47.4	71.2
119	31.9	26.6	39.8



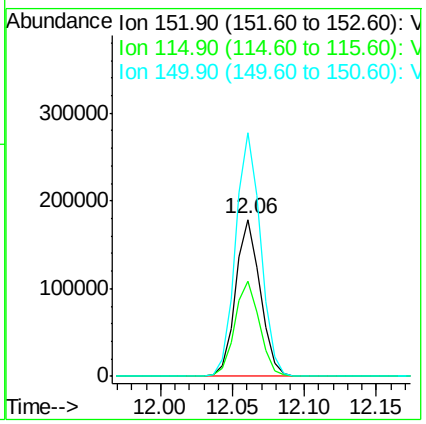


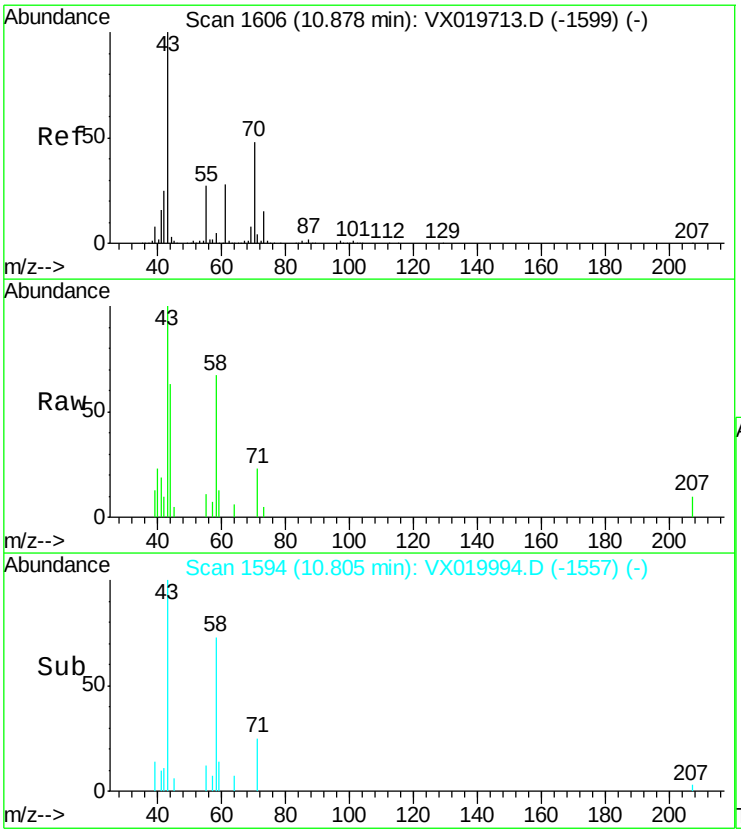
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VX019994.D
Acq: 14 Dec 2020 18:11

Instrument : MSVOA_X
ClientSampleId : JBD-WC-S-SB-02-0-15

Tgt Ion:152 Resp: 213444

Ion	Ratio	Lower	Upper
152	100		
115	61.3	41.1	123.3
150	157.4	0.0	349.0

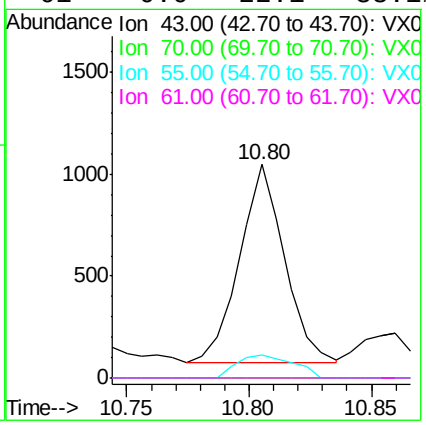


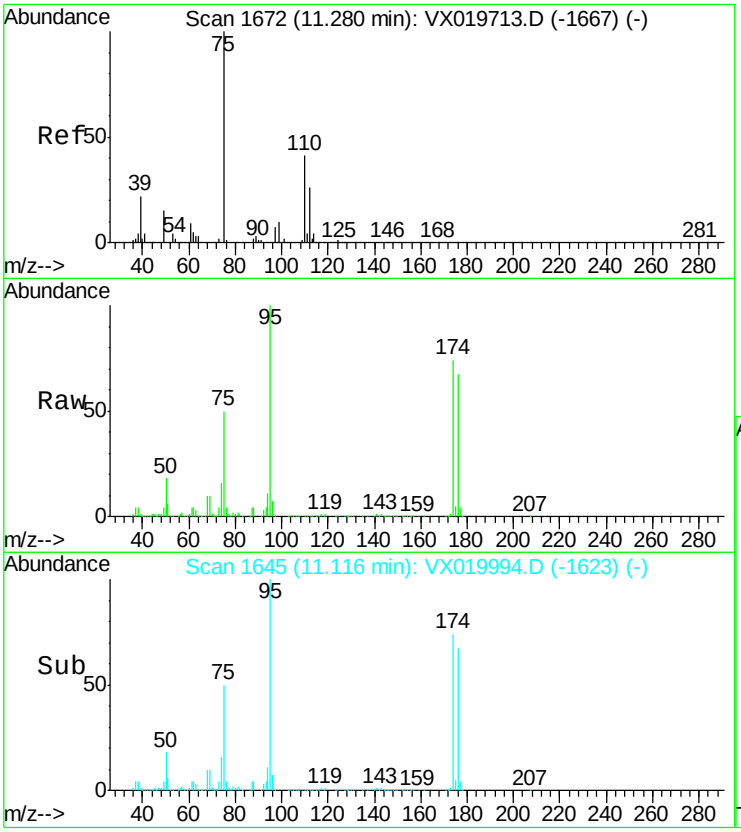


#74
N-amyl acetate
Concen: 0.213 ug/l
RT: 10.80 min Scan# 1594
Delta R.T. -0.07 min
Lab File: VX019994.D
Acq: 14 Dec 2020 18:11

Tgt Ion: 43 Resp: 1243

Ion	Ratio	Lower	Upper
43	100		
70	0.0	39.0	58.6#
55	14.6	21.5	32.3#
61	0.0	22.1	33.1#



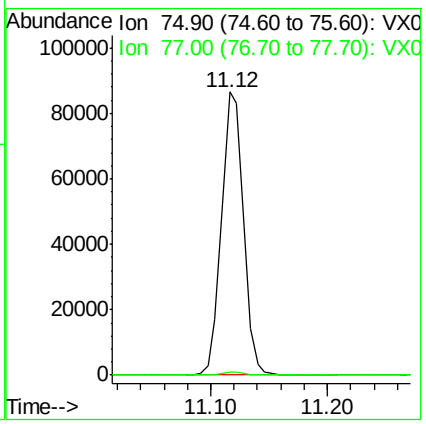


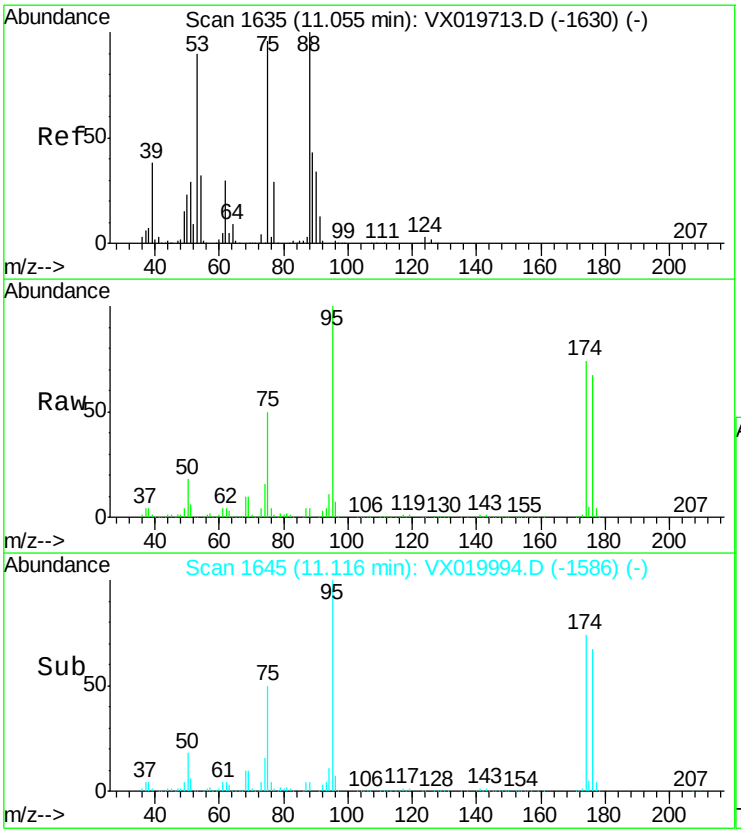
#76
1,2,3-Trichloropropane
Concen: 23.406 ug/l
RT: 11.12 min Scan# 1645
Delta R.T. -0.16 min
Lab File: VX019994.D
Acq: 14 Dec 2020 18:11

Instrument :
MSVOA_X
ClientSampleId :
JBD-WC-S-SB-02-0-15

Tgt Ion: 75 Resp: 112051

Ion	Ratio	Lower	Upper
75	100		
77	1.3	19.1	57.5#

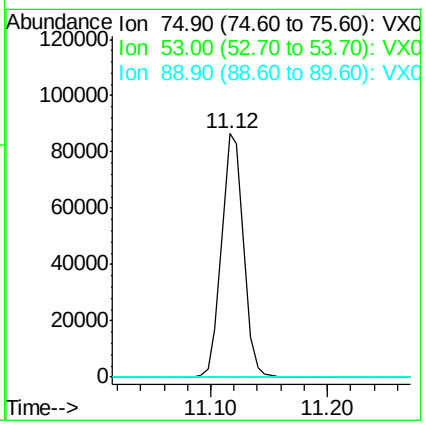


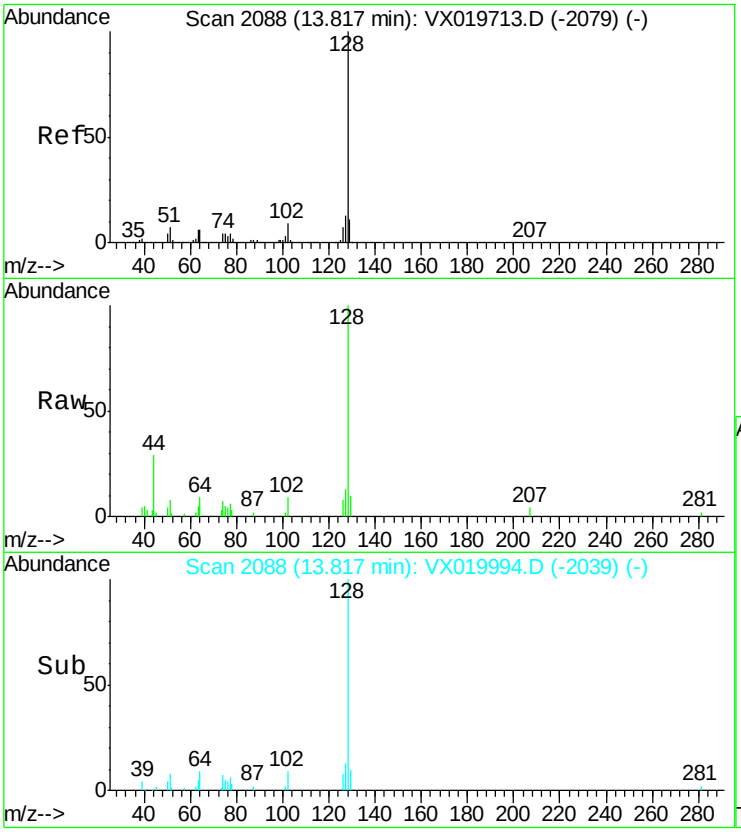


#81
trans-1,4-Dichloro-2-butene
Concen: 67.664 ug/l
RT: 11.12 min Scan# 1645
Delta R.T. 0.06 min
Lab File: VX019994.D
Acq: 14 Dec 2020 18:11

Tgt Ion: 75 Resp: 112051

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





#95
Naphthalene
Concen: 0.365 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX019994.D
Acq: 14 Dec 2020 18:11

Instrument :
MSVOA_X
ClientSampleId :
JBD-WC-S-SB-02-0-15

Tgt Ion:128 Resp: 5140

Ion	Ratio	Lower	Upper
128	100		
127	12.5	10.3	15.5
129	10.3	8.8	13.2