Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121420\
Data File : VX019989.D
Acq On : 14 Dec 2020 16:15
Operator : JC/MD
Sample : L5065-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : JBD-WC-S-IB-0809A-0-6

Quant Time: Dec 15 00:24:03 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	289464	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.83	114	485199	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.09	117	453833	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	187378	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.03	65	186109	48.92	ug/l		0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 97.84%				
35) Dibromofluoromethane	5.46	113	150756	48.08	ug/l		0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 96.16%				
50) Toluene-d8	8.70	98	599638	50.09	ug/l		0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 100.18%				
62) 4-Bromofluorobenzene	11.12	95	209334	45.94	ug/l		0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 91.88%				
Target Compounds							Qvalue
5) Bromomethane	1.63	94	437	0.400	ug/l	#	54
6) Chloroethane	1.61	64	581	0.294	ug/l	#	43
11) Tert butyl alcohol	2.99	59	12041	12.917	ug/l	#	77
13) Acrolein	2.28	56	145	0.345	ug/l	#	14
16) Acetone	2.42	43	18451	12.903	ug/l		97
18) Methyl Acetate	2.75	43	1867	0.534	ug/l		96
20) Methylene Chloride	2.83	84	12874	2.595	ug/l		95
25) 2-Butanone	4.64	43	4713	2.145	ug/l	#	85
29) Tetrahydrofuran	5.10	42	1824	1.288	ug/l	#	89
31) Cyclohexane	5.62	56	5645	1.193	ug/l	#	1
36) 1,1-Dichloropropene	5.63	75	22876	5.218	ug/l	#	48
38) Carbon Tetrachloride	5.63	117	28859	6.722	ug/l	#	15
41) Methacrylonitrile	5.10	41	1188	0.489	ug/l	#	40
43) Isopropyl Acetate	6.41	43	24225	3.366	ug/l		98
48) Methyl methacrylate	7.65	41	6987	1.974	ug/l	#	10
49) 1,4-Dioxane	7.85	88	247	2.881	ug/l	#	1
51) 4-Methyl-2-Pentanone	8.59	43	74540	16.964	ug/l	#	48
54) cis-1,3-Dichloropropene	8.59	75	38151	7.055	ug/l	#	61
57) 1,3-Dichloropropane	9.52	76	18927	3.284	ug/l	#	43
59) 2-Hexanone	9.52	43	234938	68.978	ug/l	#	47
76) 1,2,3-Trichloropropane	11.12	75	100045	23.806	ug/l	#	39
81) trans-1,4-Dichloro-2-buten	11.12	75	100045	68.818	ug/l	#	12

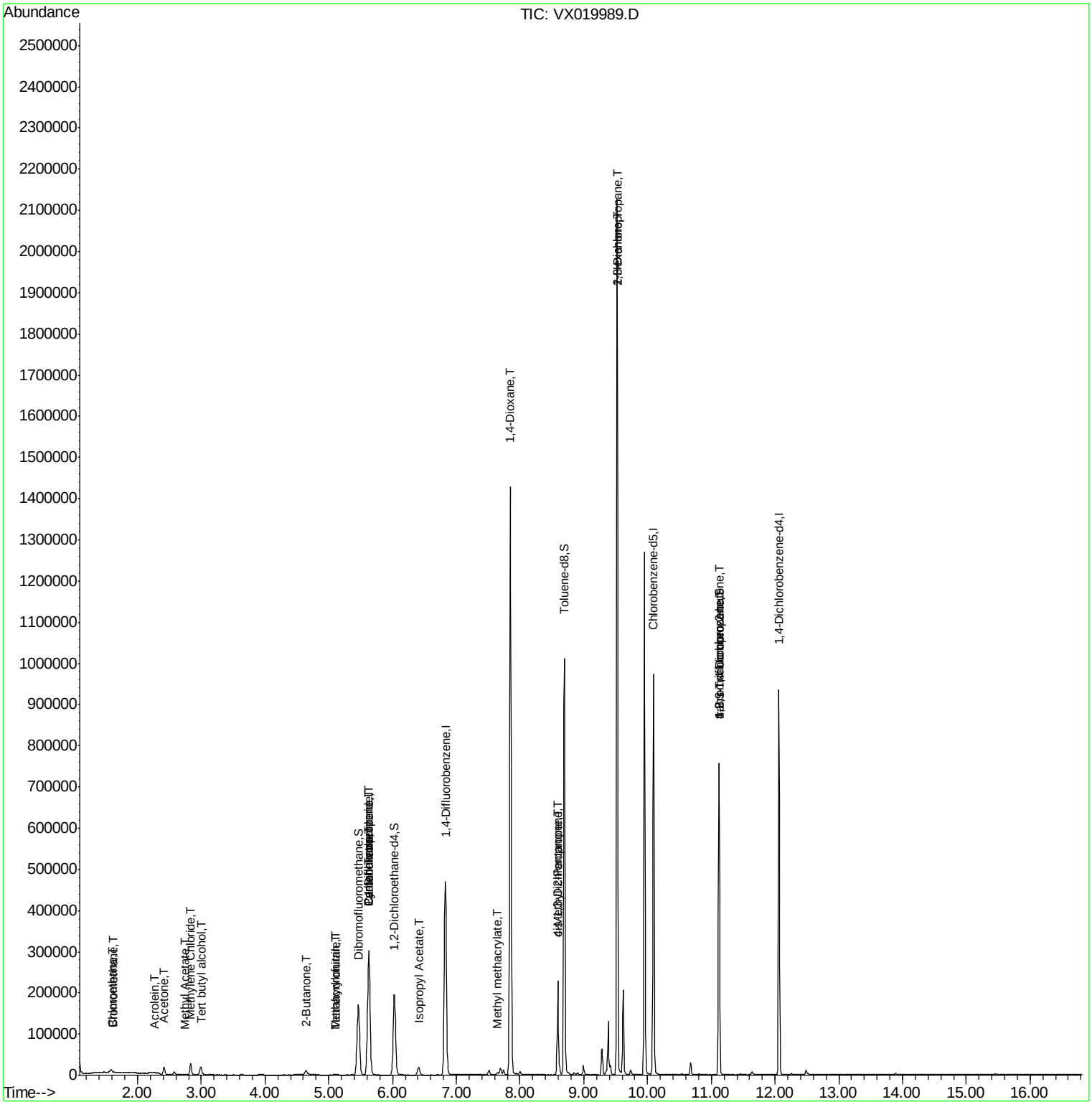
(#) = qualifier out of range (m) = manual integration (+) = signals summed

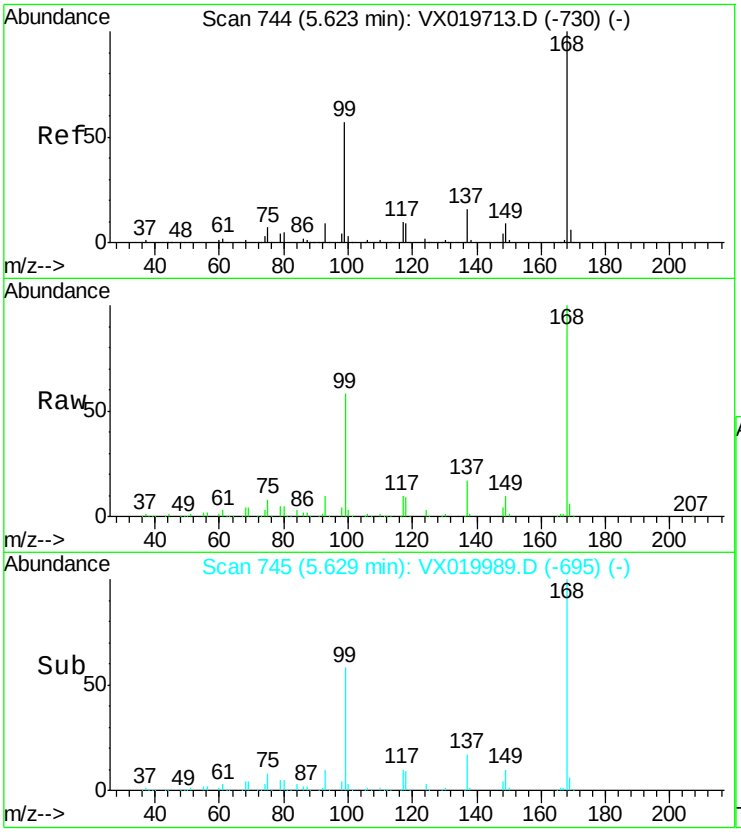
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121420\
Data File : VX019989.D
Acq On : 14 Dec 2020 16:15
Operator : JC/MD
Sample : L5065-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
JBD-WC-S-IB-0809A-0-6

Quant Time: Dec 15 00:24:03 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



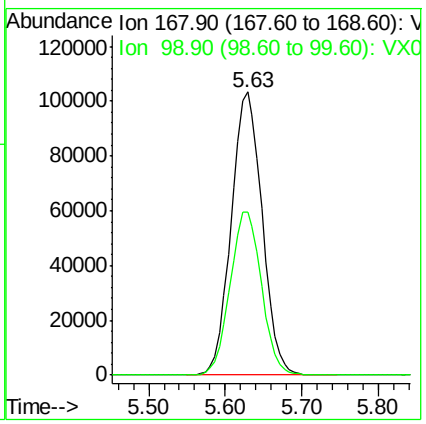


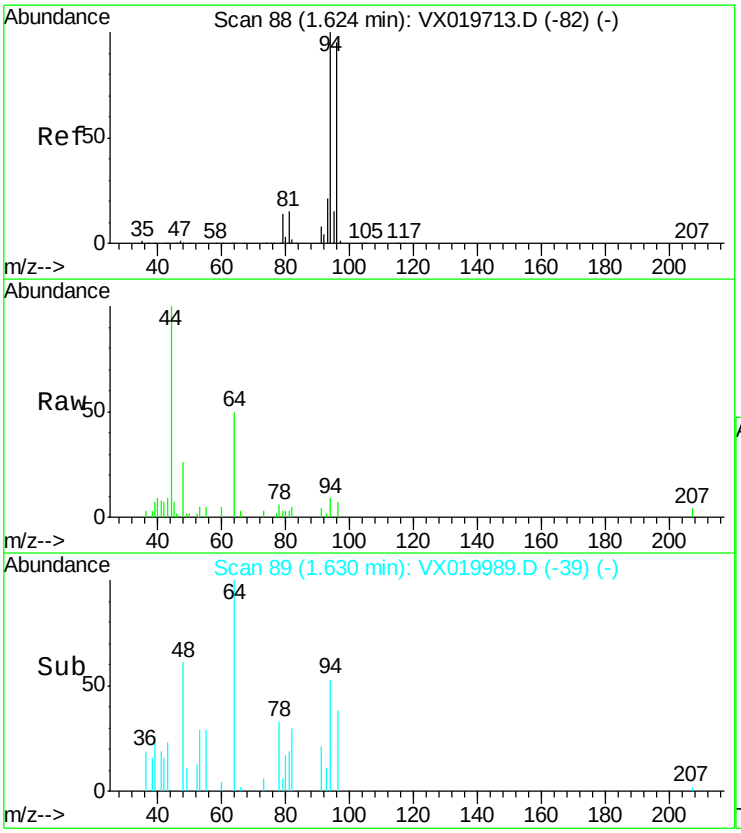
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.63 min Scan# 745
Delta R.T. 0.01 min
Lab File: VX019989.D
Acq: 14 Dec 2020 16:15

Instrument :
MSVOA_X
ClientSampleId :
JBD-WC-S-IB-0809A-0-6

Tgt Ion:168 Resp: 289464

Ion	Ratio	Lower	Upper
168	100		
99	57.7	45.8	68.6

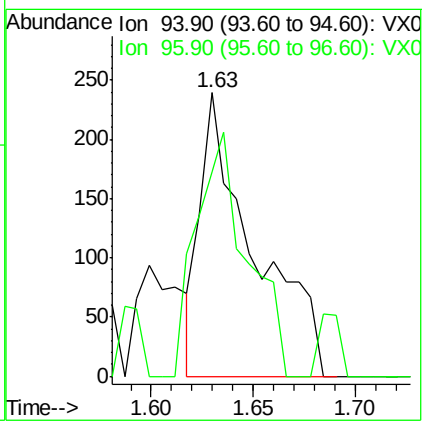


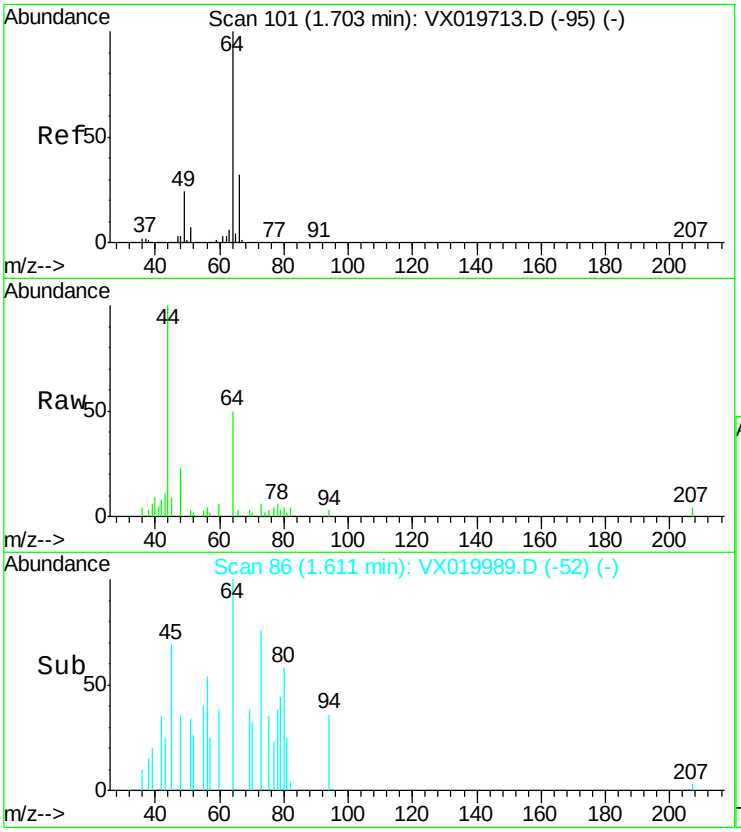


#5
Bromomethane
Concen: 0.400 ug/l
RT: 1.63 min Scan# 89
Delta R.T. 0.01 min
Lab File: VX019989.D
Acq: 14 Dec 2020 16:15

Tgt Ion: 94 Resp: 437

Ion	Ratio	Lower	Upper
94	100		
96	50.6	76.4	114.6#



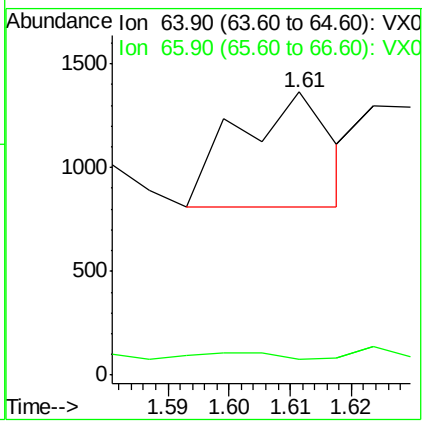


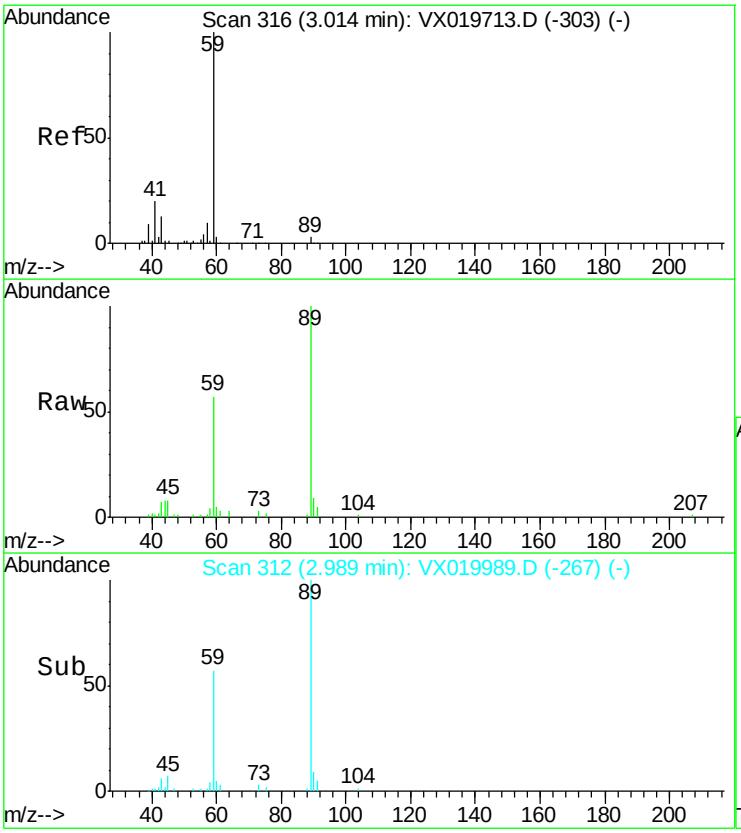
#6
Chloroethane
Concen: 0.294 ug/l
RT: 1.61 min Scan# 86
Delta R.T. -0.09 min
Lab File: VX019989.D
Acq: 14 Dec 2020 16:15

Instrument :
MSVOA_X
ClientSampleId :
JBD-WC-S-IB-0809A-0-6

Tgt Ion: 64 Resp: 581

Ion	Ratio	Lower	Upper
64	100		
66	0.0	25.4	38.0#

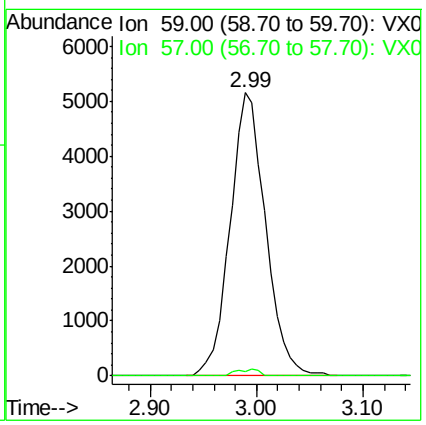


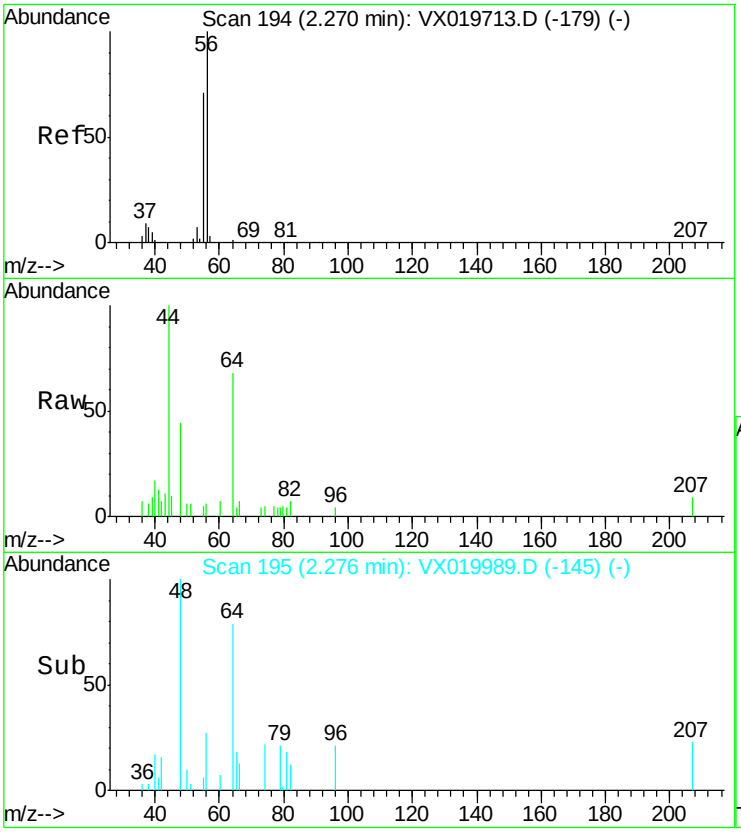


#11
Tert butyl alcohol
Concen: 12.917 ug/l
RT: 2.99 min Scan# 312
Delta R.T. -0.02 min
Lab File: VX019989.D
Acq: 14 Dec 2020 16:15

Tgt Ion: 59 Resp: 12041

Ion	Ratio	Lower	Upper
59	100		
57	1.5	7.8	11.8#



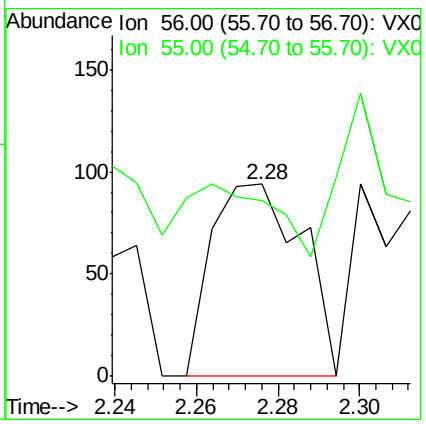


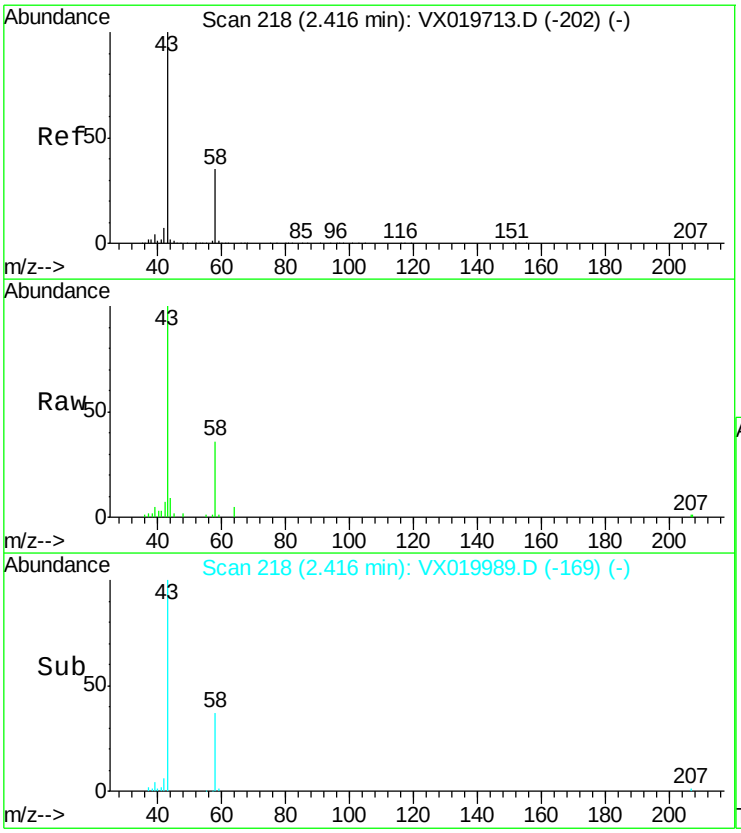
#13
Acrolein
Concen: 0.345 ug/l
RT: 2.28 min Scan# 195
Delta R.T. 0.01 min
Lab File: VX019989.D
Acq: 14 Dec 2020 16:15

Instrument :
MSVOA_X
ClientSampleId :
JBD-WC-S-IB-0809A-0-6

Tgt Ion: 56 Resp: 145

Ion	Ratio	Lower	Upper
56	100		
55	0.0	56.4	84.6#

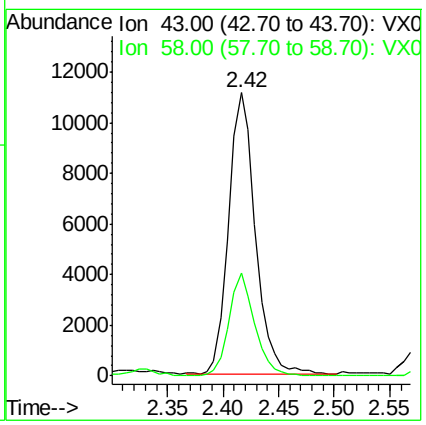


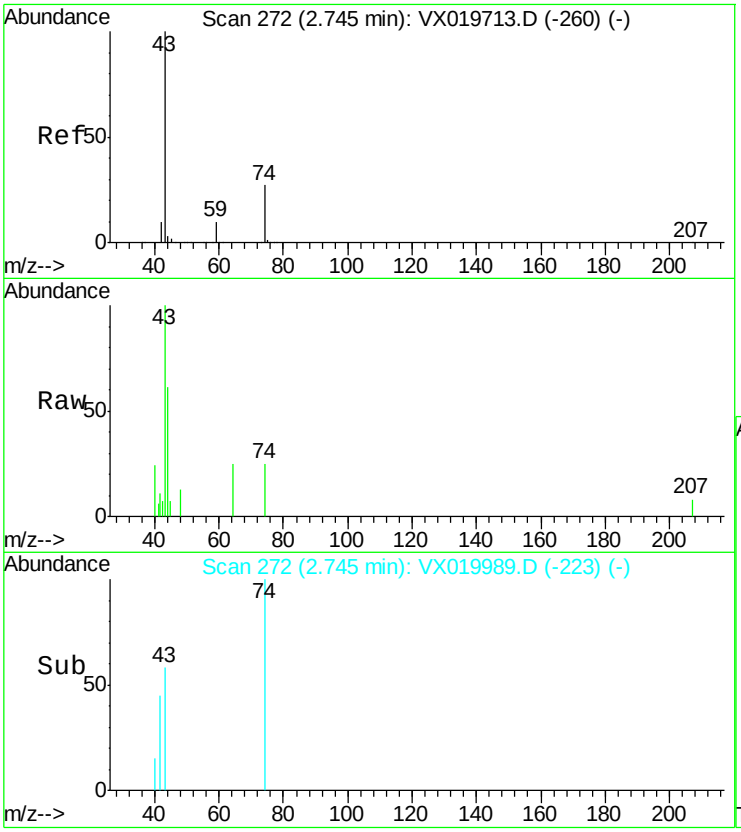


#16
Acetone
Concen: 12.903 ug/l
RT: 2.42 min Scan# 218
Delta R.T. -0.00 min
Lab File: VX019989.D
Acq: 14 Dec 2020 16:15

Tgt Ion: 43 Resp: 18451

Ion	Ratio	Lower	Upper
43	100		
58	36.4	27.8	41.8



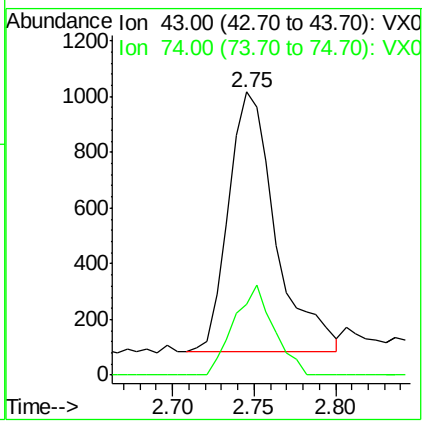


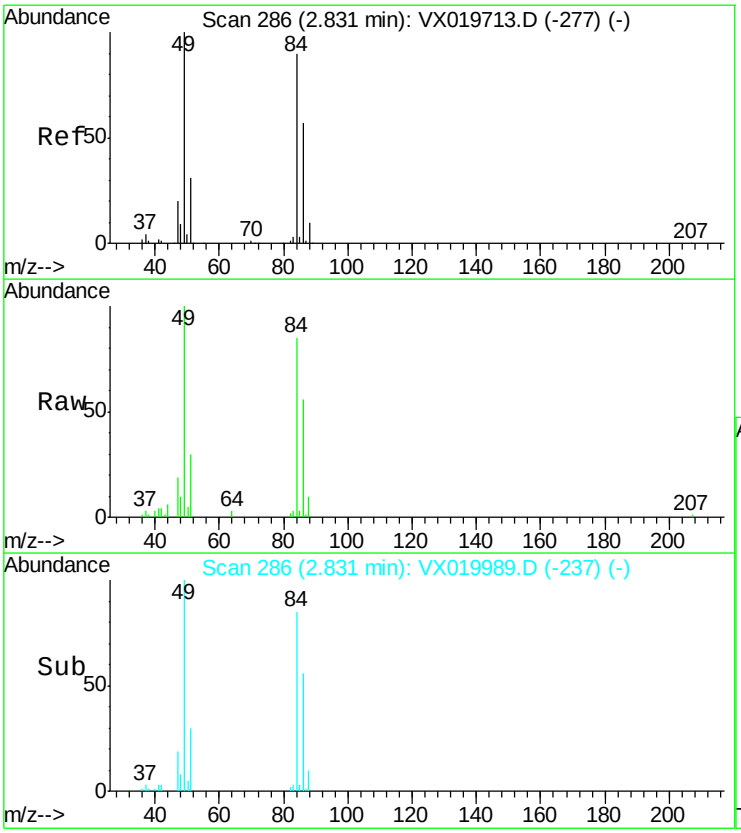
#18
Methyl Acetate
Concen: 0.534 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.00 min
Lab File: VX019989.D
Acq: 14 Dec 2020 16:15

Instrument :
MSVOA_X
ClientSampleId :
JBD-WC-S-IB-0809A-0-6

Tgt Ion: 43 Resp: 1867

Ion	Ratio	Lower	Upper
43	100		
74	29.6	21.9	32.9

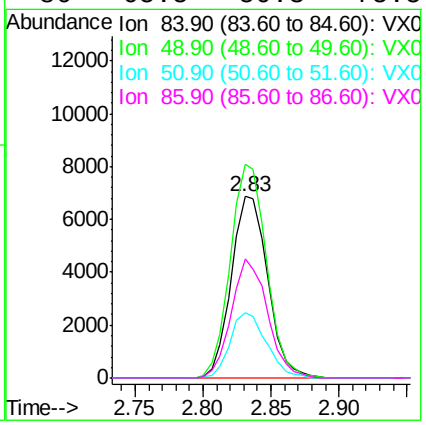


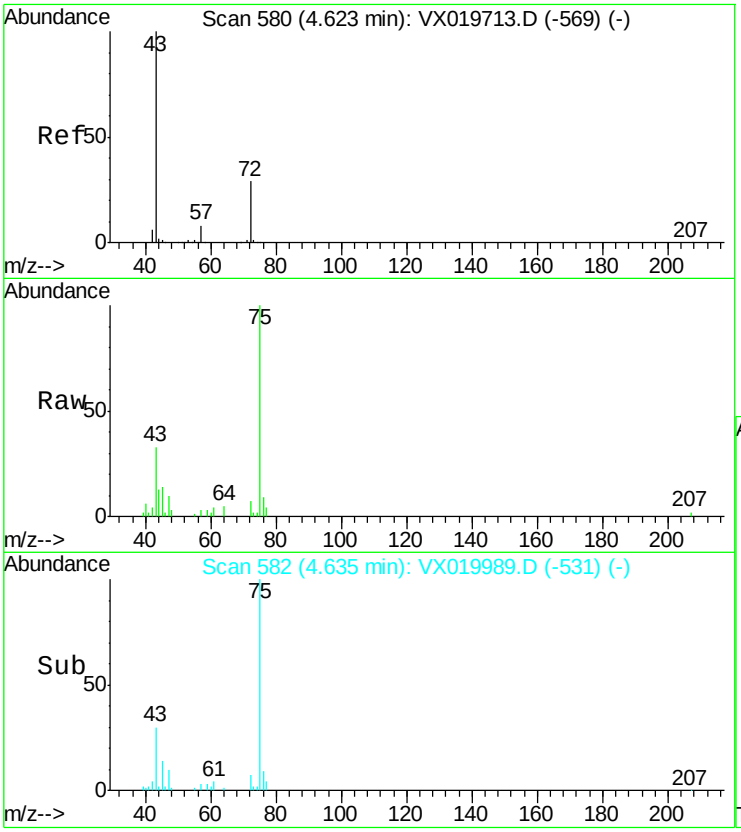


#20
Methylene Chloride
Concen: 2.595 ug/l
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX019989.D
Acq: 14 Dec 2020 16:15

Tgt Ion: 84 Resp: 12874

Ion	Ratio	Lower	Upper
84	100		
49	117.8	88.6	132.8
51	35.8	27.0	40.6
86	65.5	50.3	75.5



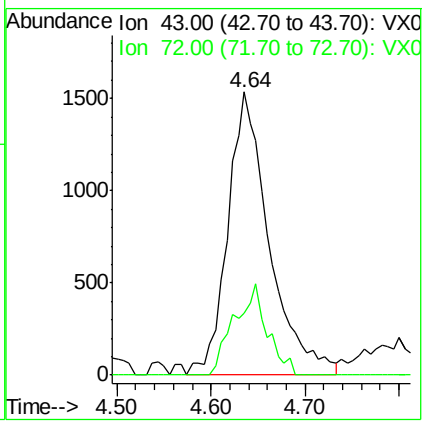


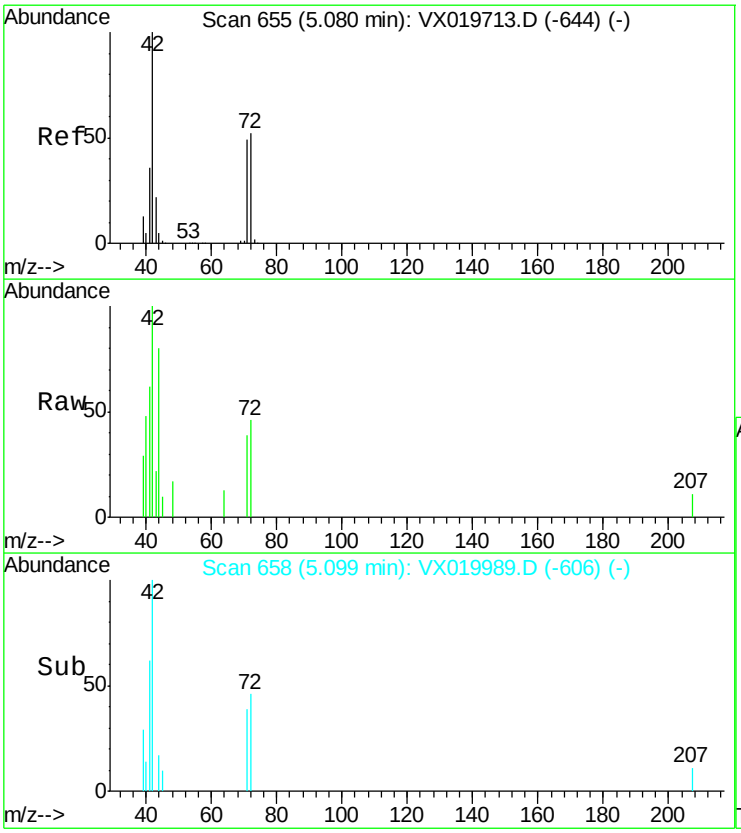
#25
2-Butanone
Concen: 2.145 ug/l
RT: 4.64 min Scan# 582
Delta R.T. 0.01 min
Lab File: VX019989.D
Acq: 14 Dec 2020 16:15

Instrument :
MSVOA_X
ClientSampleId :
JBD-WC-S-IB-0809A-0-6

Tgt Ion: 43 Resp: 4713

Ion	Ratio	Lower	Upper
43	100		
72	21.8	23.7	35.5#

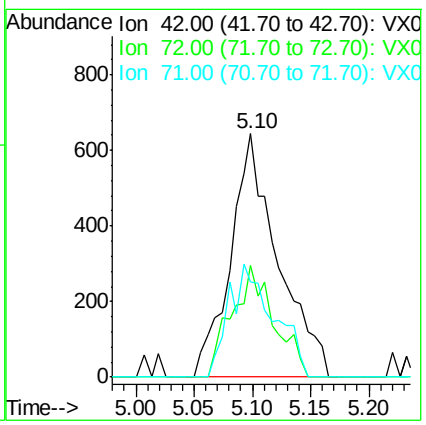


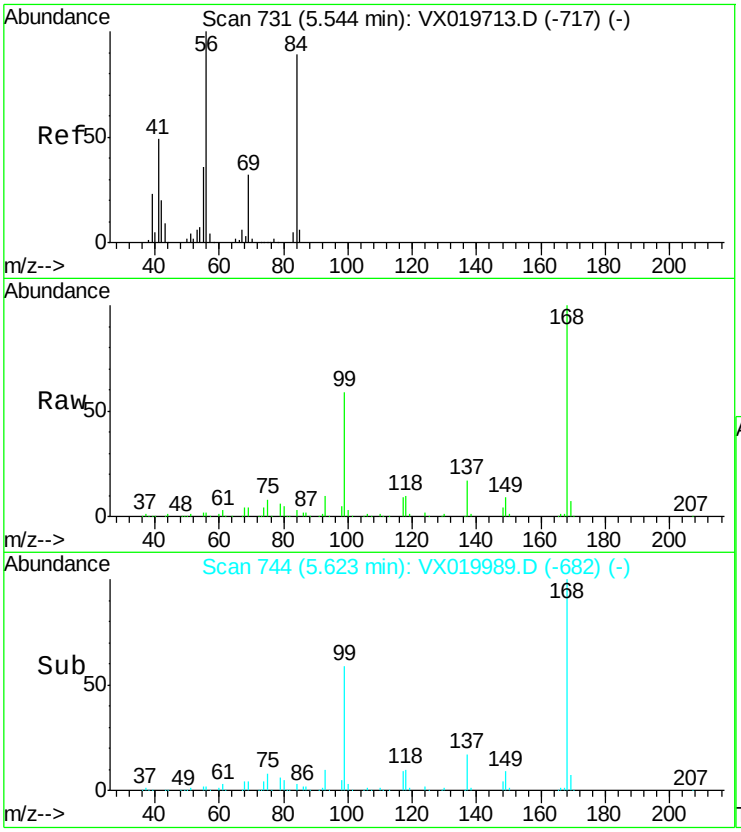


#29
Tetrahydrofuran
Concen: 1.288 ug/l
RT: 5.10 min Scan# 658
Delta R.T. 0.02 min
Lab File: VX019989.D
Acq: 14 Dec 2020 16:15

Tgt Ion: 42 Resp: 1824

Ion	Ratio	Lower	Upper
42	100		
72	40.7	41.7	62.5#
71	43.7	38.4	57.6



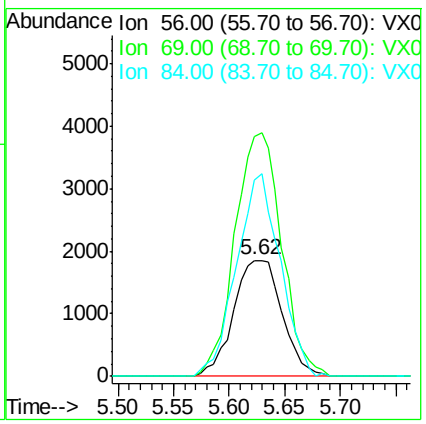


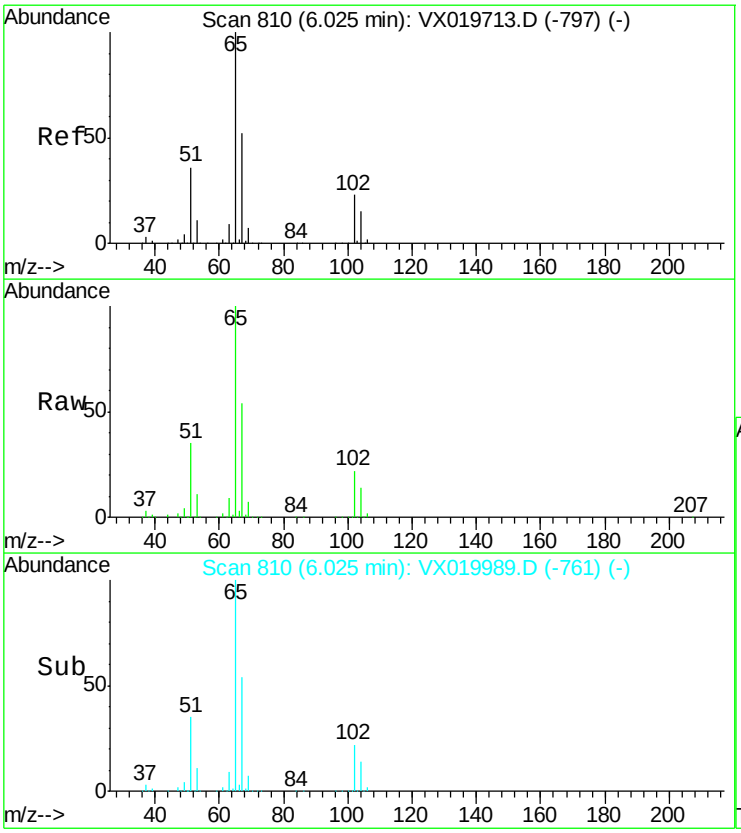
#31
Cyclohexane
Concen: 1.193 ug/l
RT: 5.62 min Scan# 744
Delta R.T. 0.08 min
Lab File: VX019989.D
Acq: 14 Dec 2020 16:15

Instrument :
MSVOA_X
ClientSampleId :
JBD-WC-S-IB-0809A-0-6

Tgt Ion: 56 Resp: 5645

Ion	Ratio	Lower	Upper
56	100		
69	206.6	25.3	37.9#
84	168.5	71.4	107.0#

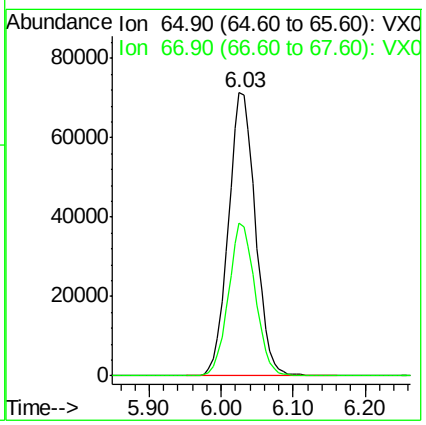


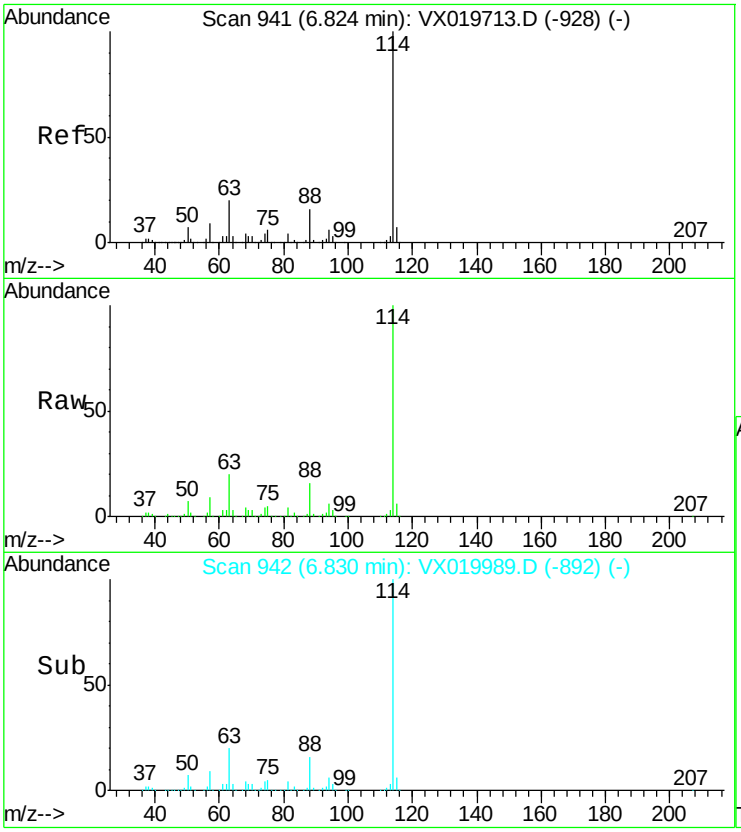


#33
1,2-Dichloroethane-d4
Concen: 48.919 ug/l
RT: 6.03 min Scan# 810
Delta R.T. -0.00 min
Lab File: VX019989.D
Acq: 14 Dec 2020 16:15

Tgt Ion: 65 Resp: 186109

Ion	Ratio	Lower	Upper
65	100		
67	53.6	0.0	105.4



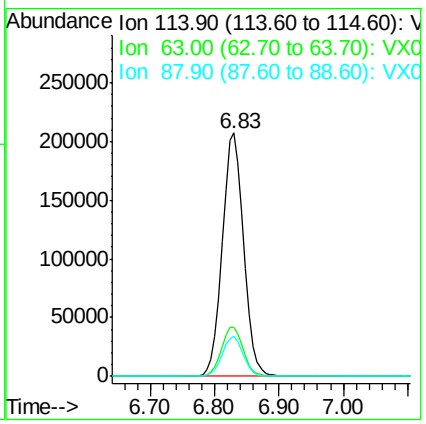


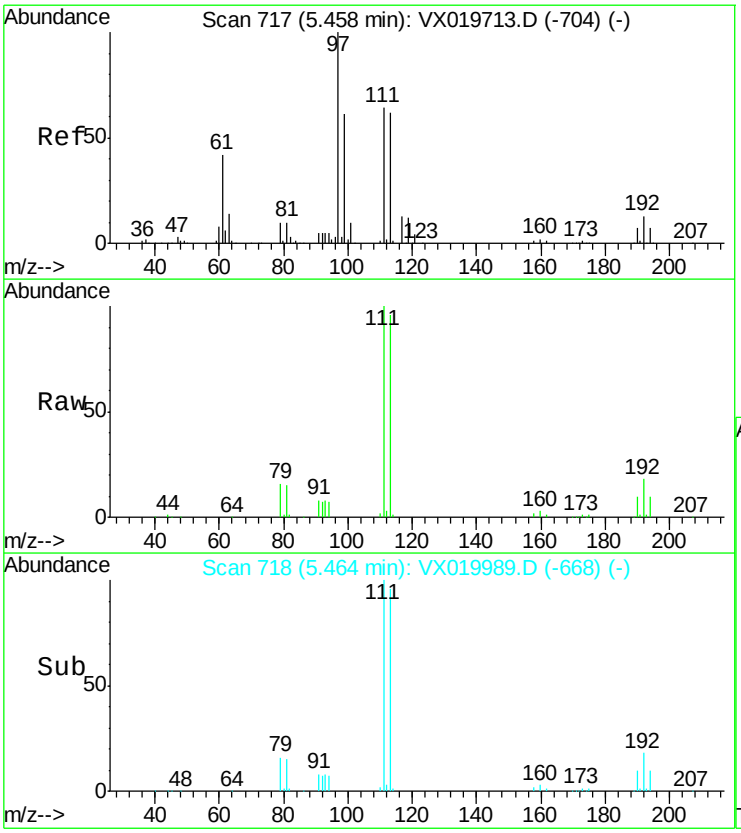
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.83 min Scan# 942
Delta R.T. 0.01 min
Lab File: VX019989.D
Acq: 14 Dec 2020 16:15

Instrument :
MSVOA_X
ClientSampleId :
JBD-WC-S-IB-0809A-0-6

Tgt Ion:114 Resp: 485199

Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	40.8
88	16.2	0.0	32.8

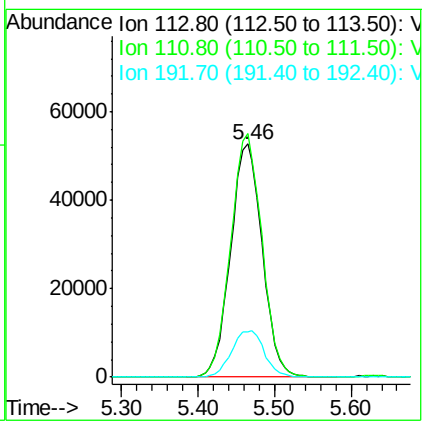


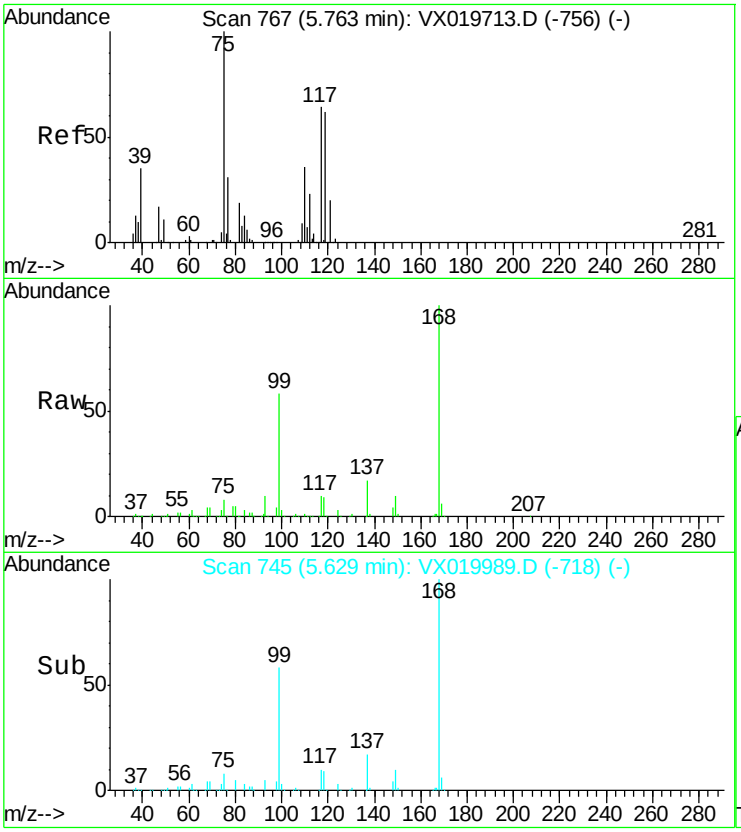


#35
Dibromofluoromethane
Concen: 48.076 ug/l
RT: 5.46 min Scan# 718
Delta R.T. 0.01 min
Lab File: VX019989.D
Acq: 14 Dec 2020 16:15

Tgt Ion:113 Resp: 150756

Ion	Ratio	Lower	Upper
113	100		
111	103.3	81.9	122.9
192	20.5	16.7	25.1



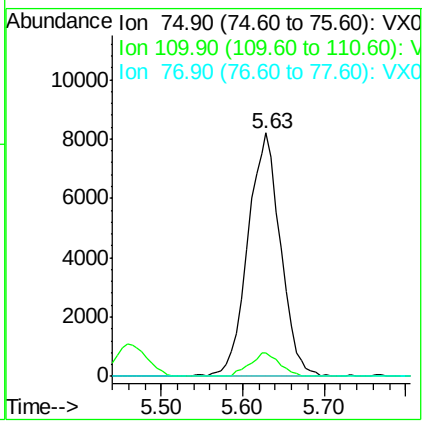


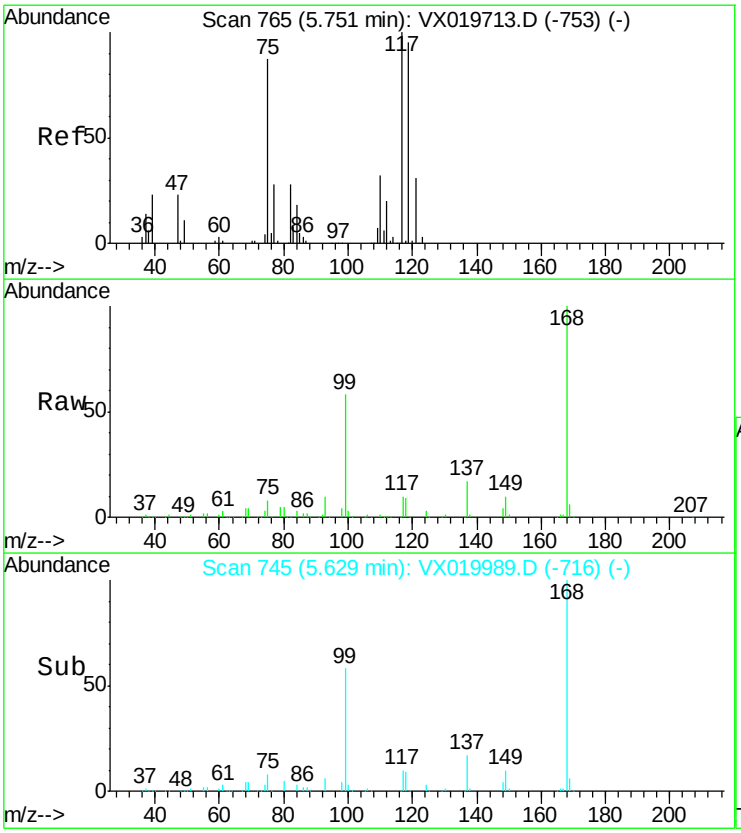
#36
1,1-Dichloropropene
Concen: 5.218 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.13 min
Lab File: VX019989.D
Acq: 14 Dec 2020 16:15

Instrument :
MSVOA_X
ClientSampleId :
JBD-WC-S-IB-0809A-0-6

Tgt Ion: 75 Resp: 22876

Ion	Ratio	Lower	Upper
75	100		
110	8.7	18.1	54.4#
77	0.0	25.3	37.9#

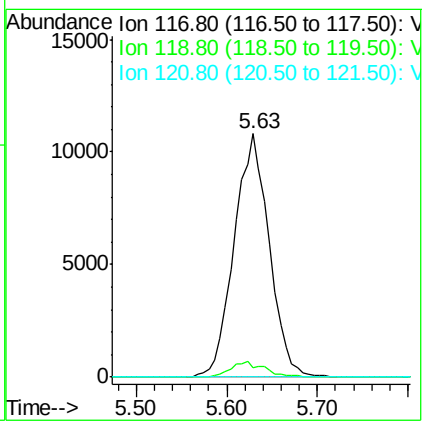


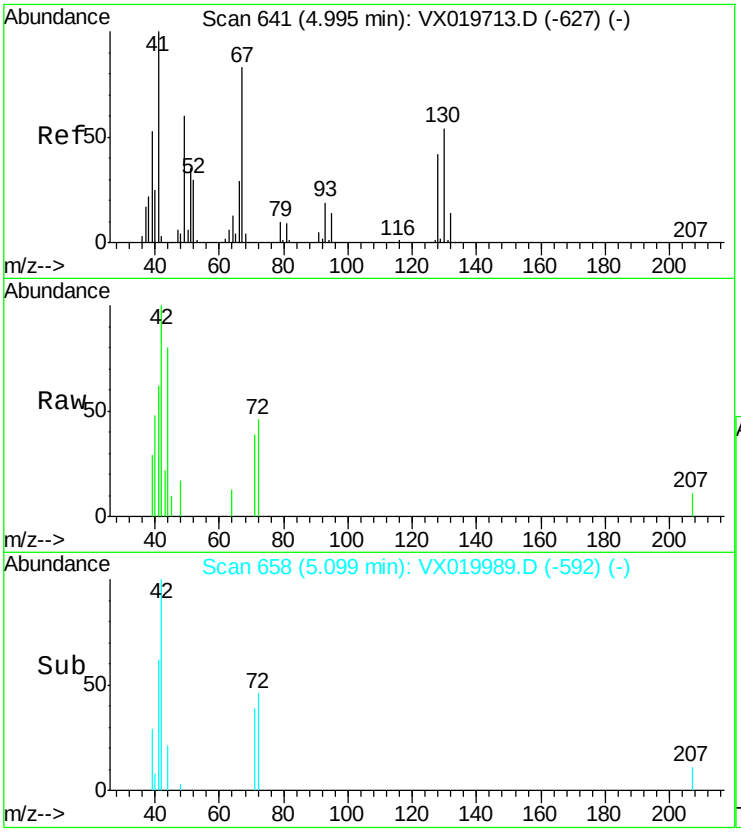


#38
Carbon Tetrachloride
Concen: 6.722 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.12 min
Lab File: VX019989.D
Acq: 14 Dec 2020 16:15

Tgt Ion:117 Resp: 28859

Ion	Ratio	Lower	Upper
117	100		
119	3.9	76.2	114.2#
121	0.0	24.8	37.2#



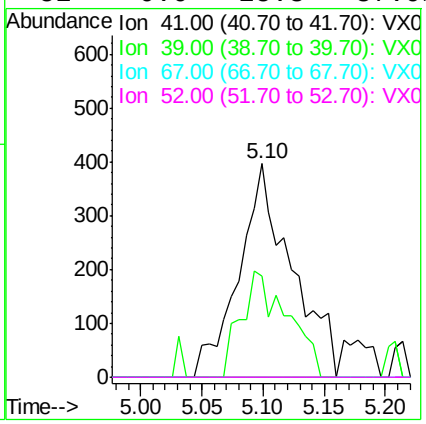


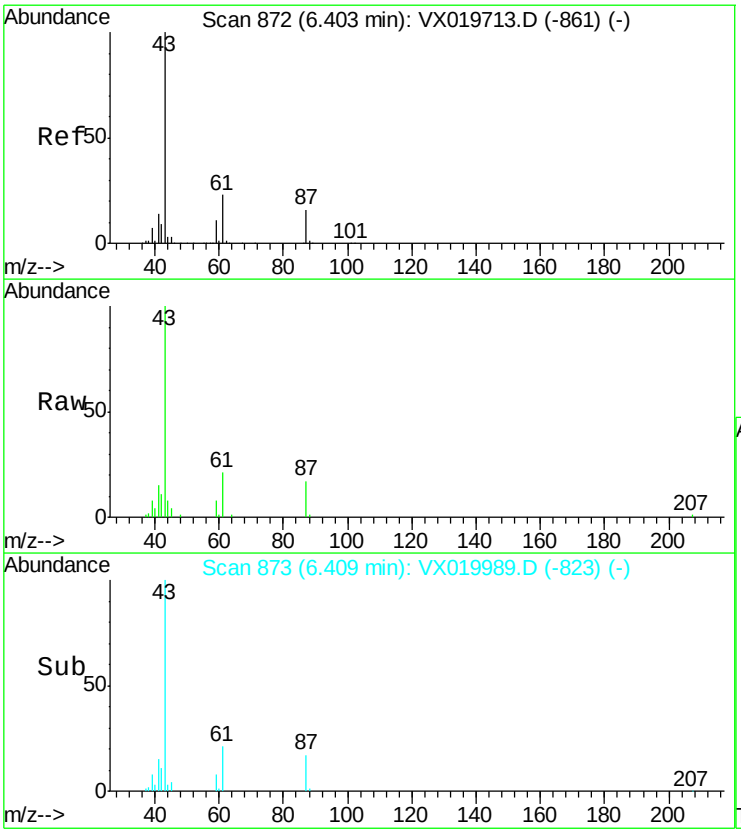
#41
Methacrylonitrile
Concen: 0.489 ug/l
RT: 5.10 min Scan# 658
Delta R.T. 0.10 min
Lab File: VX019989.D
Acq: 14 Dec 2020 16:15

Instrument :
MSVOA_X
ClientSampleId :
JBD-WC-S-IB-0809A-0-6

Tgt Ion: 41 Resp: 1188

Ion	Ratio	Lower	Upper
41	100		
39	43.9	42.5	63.7
67	0.0	65.0	97.6#
52	0.0	25.3	37.9#

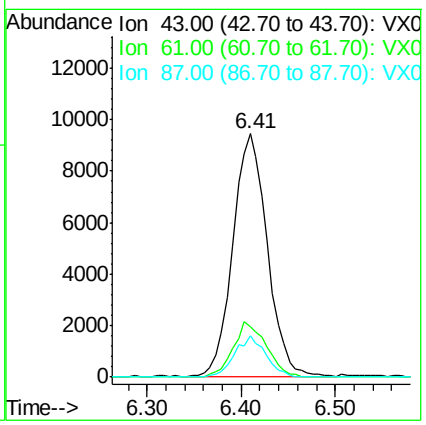


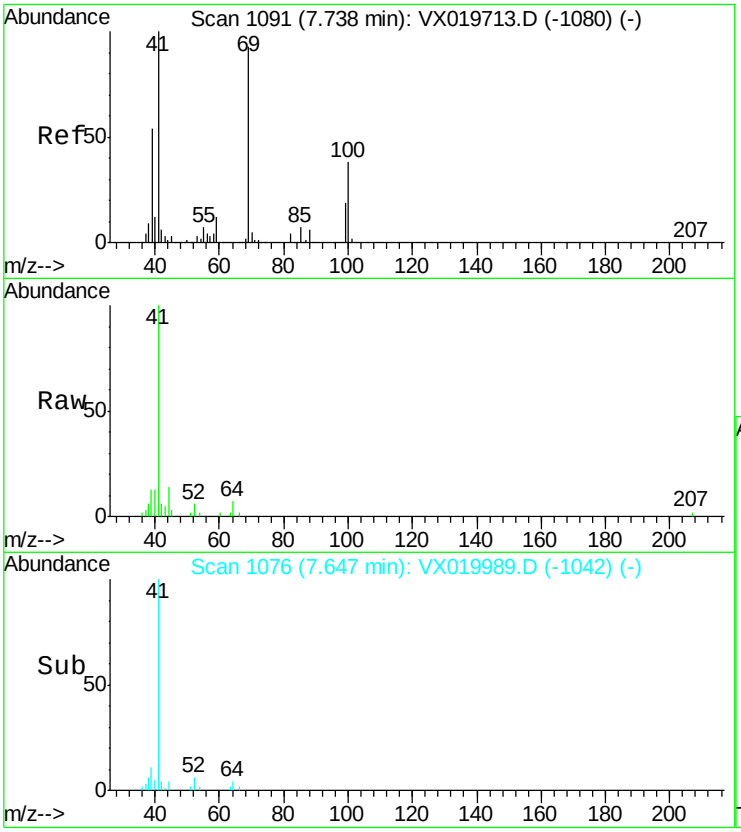


#43
Isopropyl Acetate
Concen: 3.366 ug/l
RT: 6.41 min Scan# 873
Delta R.T. 0.01 min
Lab File: VX019989.D
Acq: 14 Dec 2020 16:15

Tgt Ion: 43 Resp: 24225

Ion	Ratio	Lower	Upper
43	100		
61	21.7	18.2	27.4
87	15.2	12.5	18.7



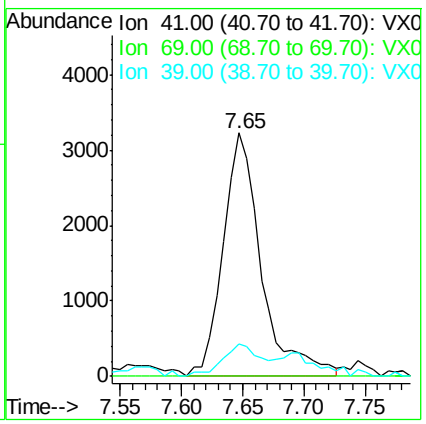


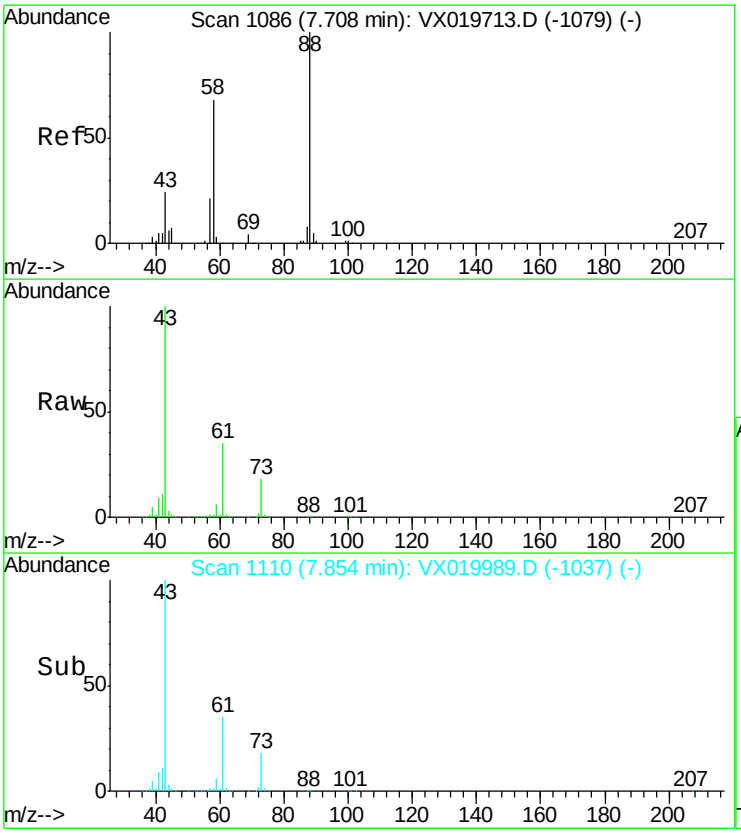
#48
Methyl methacrylate
Concen: 1.974 ug/l
RT: 7.65 min Scan# 1076
Delta R.T. -0.09 min
Lab File: VX019989.D
Acq: 14 Dec 2020 16:15

Instrument :
MSVOA_X
ClientSampleId :
JBD-WC-S-IB-0809A-0-6

Tgt Ion: 41 Resp: 6987

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

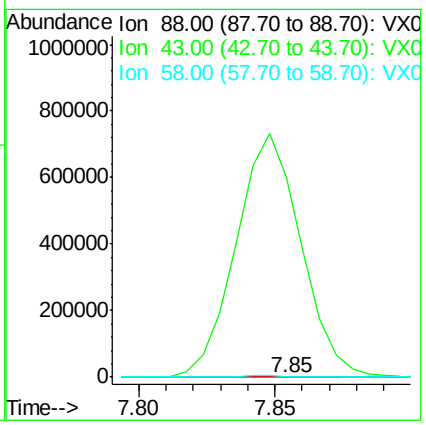


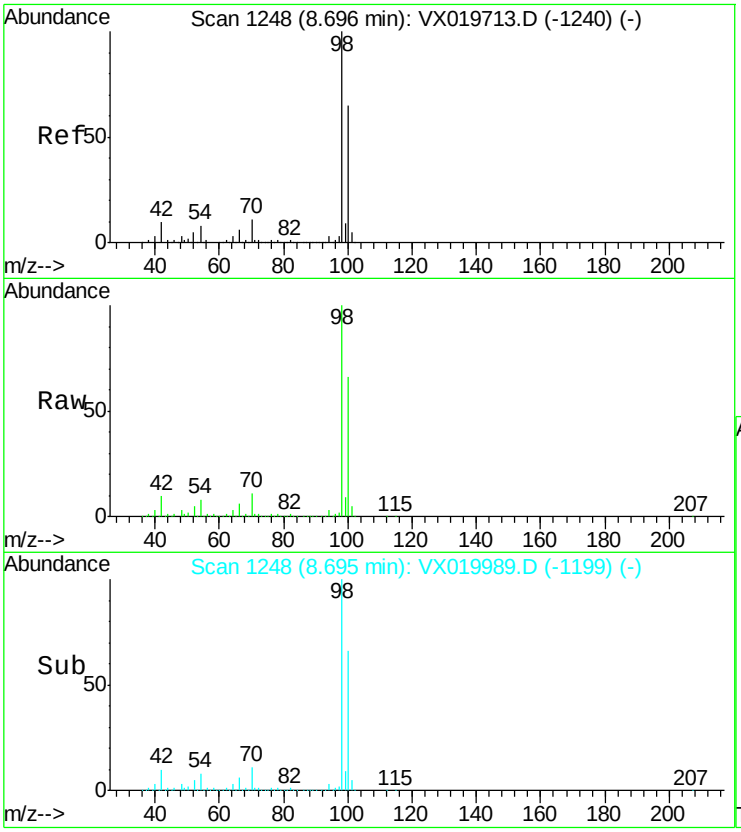


#49
1,4-Dioxane
Concen: 2.881 ug/l
RT: 7.85 min Scan# 1110
Delta R.T. 0.15 min
Lab File: VX019989.D
Acq: 14 Dec 2020 16:15

Tgt Ion: 88 Resp: 247

Ion	Ratio	Lower	Upper
88	100		
43	492219.0	23.2	34.8#
58	2697.2	55.0	82.4#



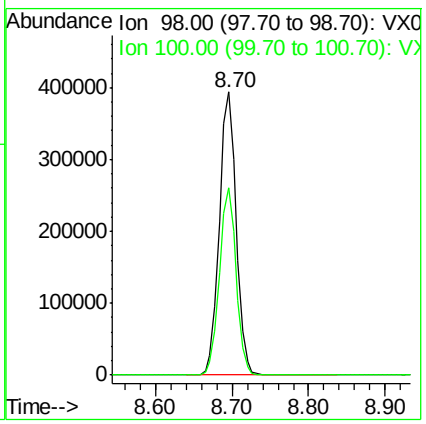


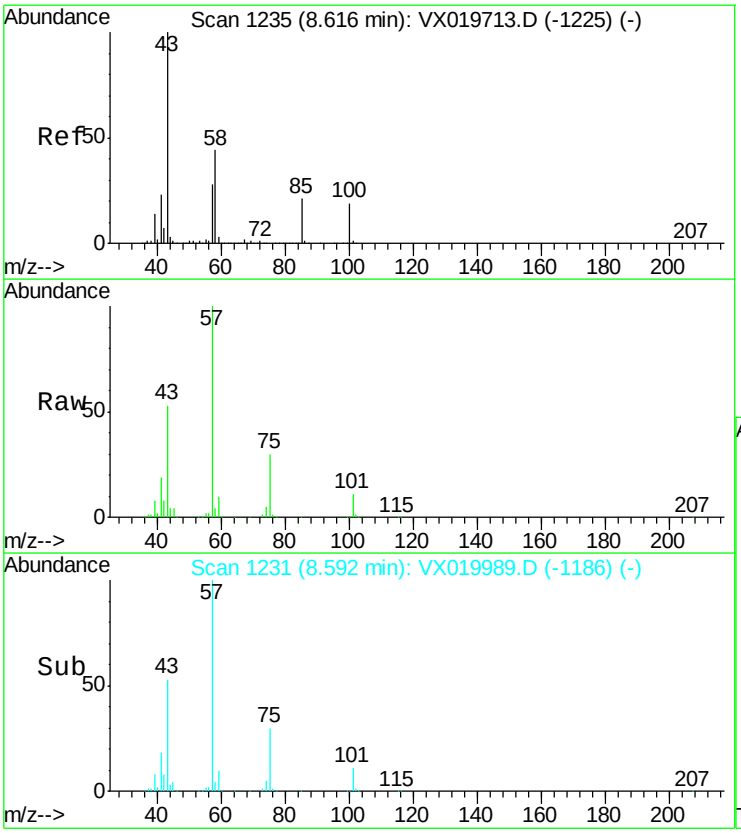
#50
Toluene-d8
Concen: 50.089 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX019989.D
Acq: 14 Dec 2020 16:15

Instrument :
MSVOA_X
ClientSampleId :
JBD-WC-S-IB-0809A-0-6

Tgt Ion: 98 Resp: 599638

Ion	Ratio	Lower	Upper
98	100		
100	65.5	51.9	77.9

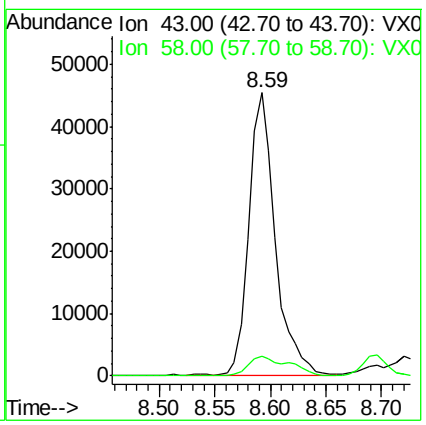


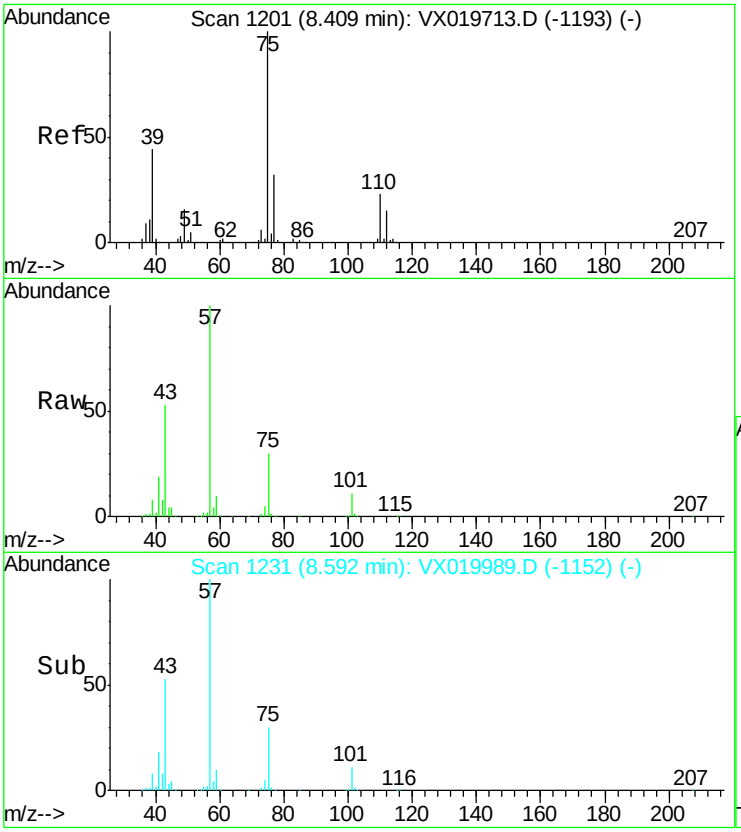


#51
4-Methyl-2-Pentanone
Concen: 16.964 ug/l
RT: 8.59 min Scan# 1231
Delta R.T. -0.02 min
Lab File: VX019989.D
Acq: 14 Dec 2020 16:15

Tgt Ion: 43 Resp: 74540

Ion	Ratio	Lower	Upper
43	100		
58	10.6	35.4	53.0#



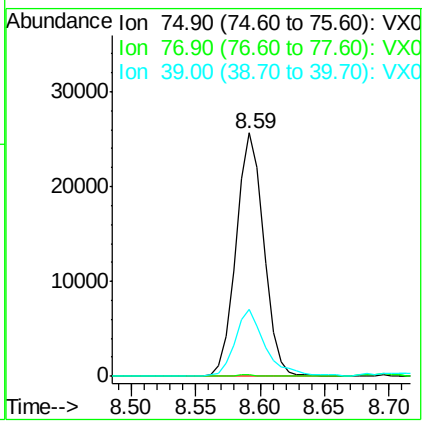


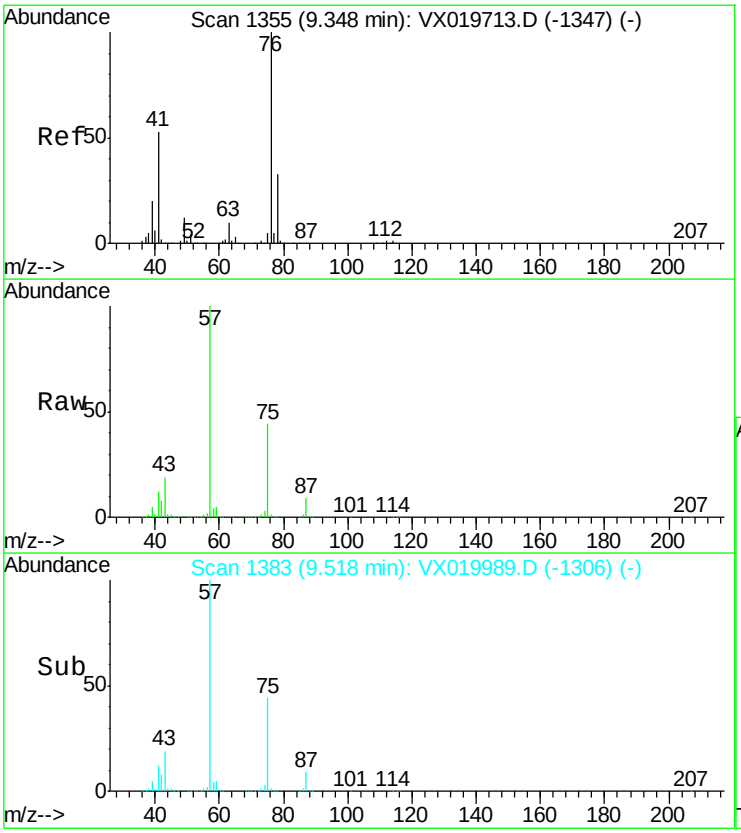
#54
cis-1,3-Dichloropropene
Concen: 7.055 ug/l
RT: 8.59 min Scan# 1231
Delta R.T. 0.18 min
Lab File: VX019989.D
Acq: 14 Dec 2020 16:15

Instrument :
MSVOA_X
ClientSampleId :
JBD-WC-S-IB-0809A-0-6

Tgt Ion: 75 Resp: 38151

Ion	Ratio	Lower	Upper
75	100		
77	0.5	25.7	38.5#
39	27.3	35.1	52.7#

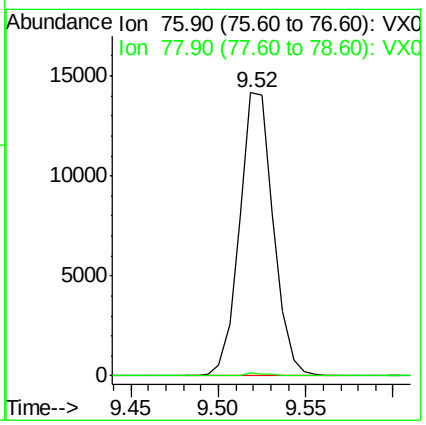


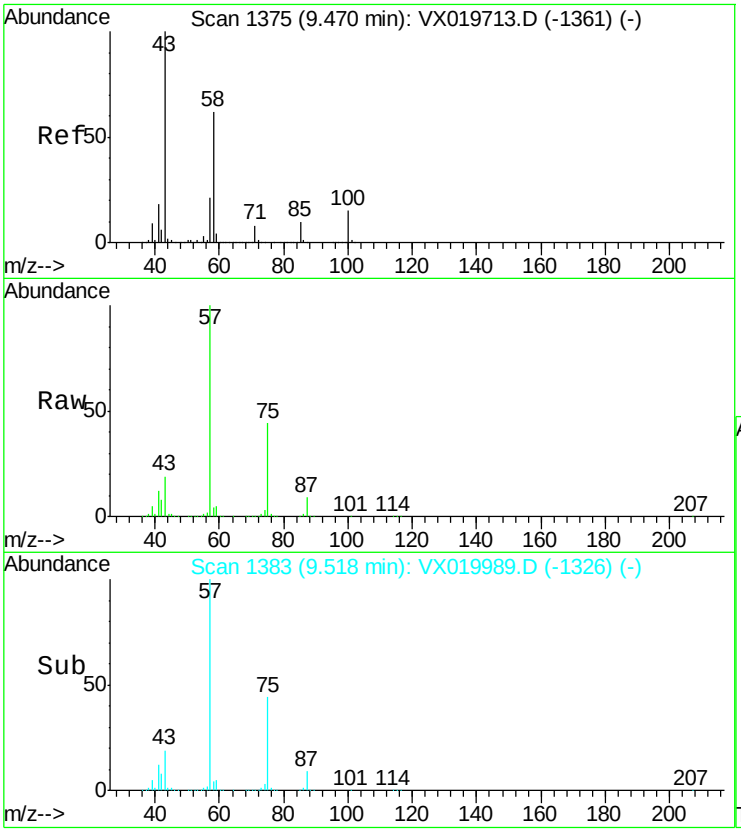


#57
1,3-Dichloropropane
Concen: 3.284 ug/l
RT: 9.52 min Scan# 1383
Delta R.T. 0.17 min
Lab File: VX019989.D
Acq: 14 Dec 2020 16:15

Tgt Ion: 76 Resp: 18927

Ion	Ratio	Lower	Upper
76	100		
78	0.5	26.2	39.2#



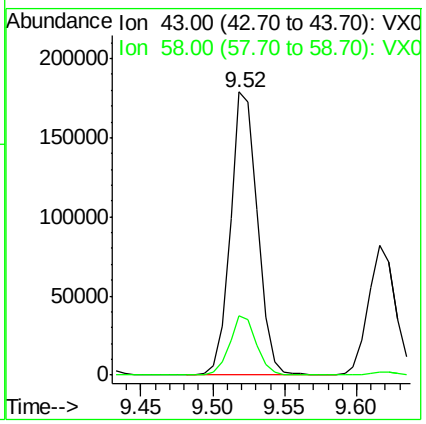


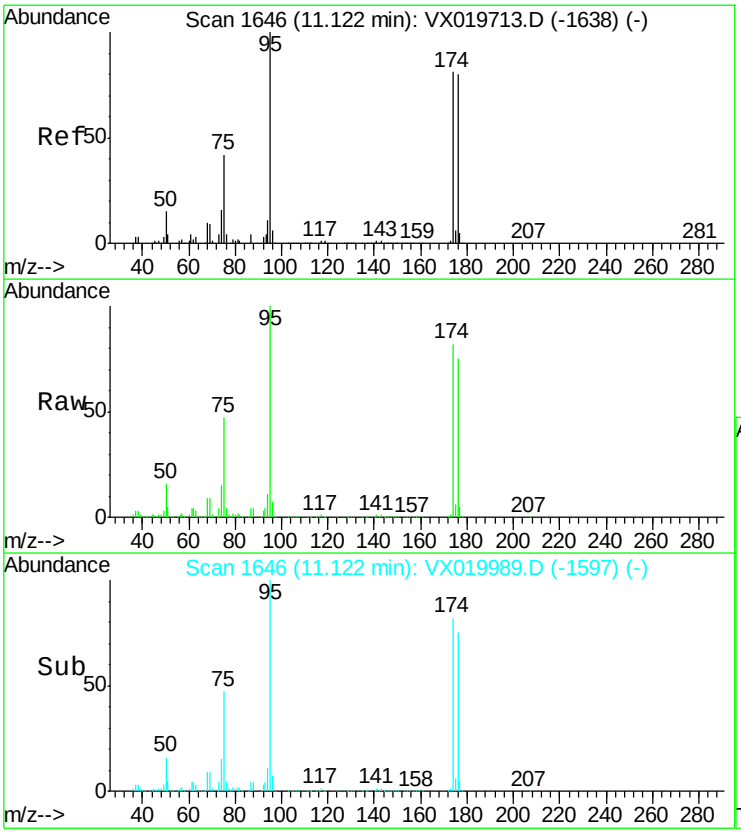
#59
2-Hexanone
Concen: 68.978 ug/l
RT: 9.52 min Scan# 1383
Delta R.T. 0.05 min
Lab File: VX019989.D
Acq: 14 Dec 2020 16:15

Instrument :
MSVOA_X
ClientSampleId :
JBD-WC-S-IB-0809A-0-6

Tgt Ion: 43 Resp: 234938

Ion	Ratio	Lower	Upper
43	100		
58	20.8	30.9	92.8#

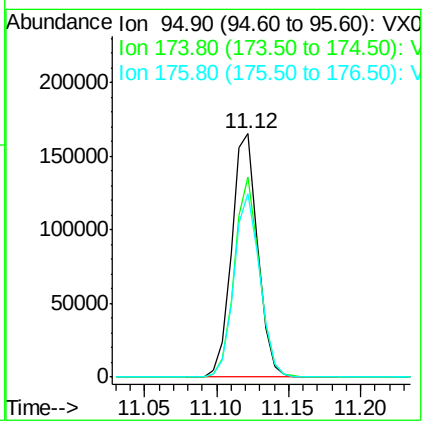


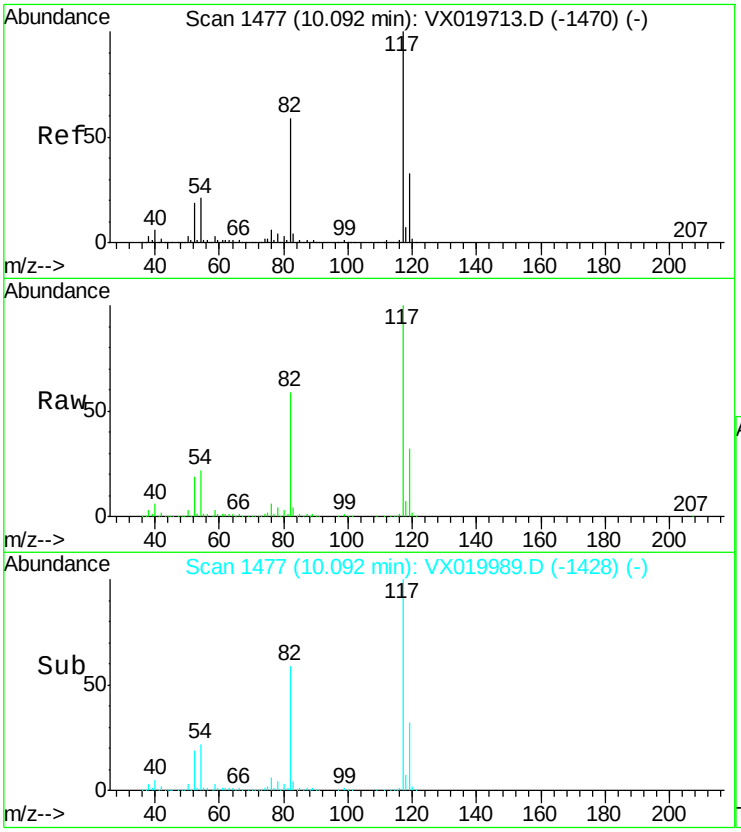


#62
4-Bromofluorobenzene
Concen: 45.942 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX019989.D
Acq: 14 Dec 2020 16:15

Tgt Ion: 95 Resp: 209334

Ion	Ratio	Lower	Upper
95	100		
174	78.3	0.0	154.6
176	74.8	0.0	155.8



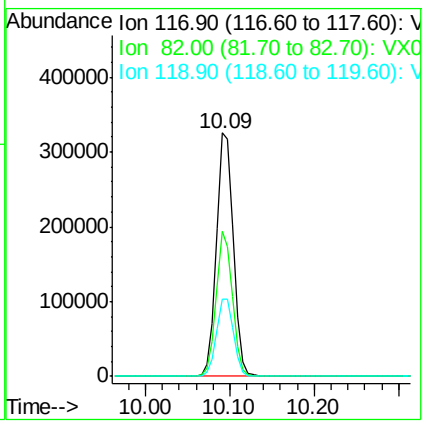


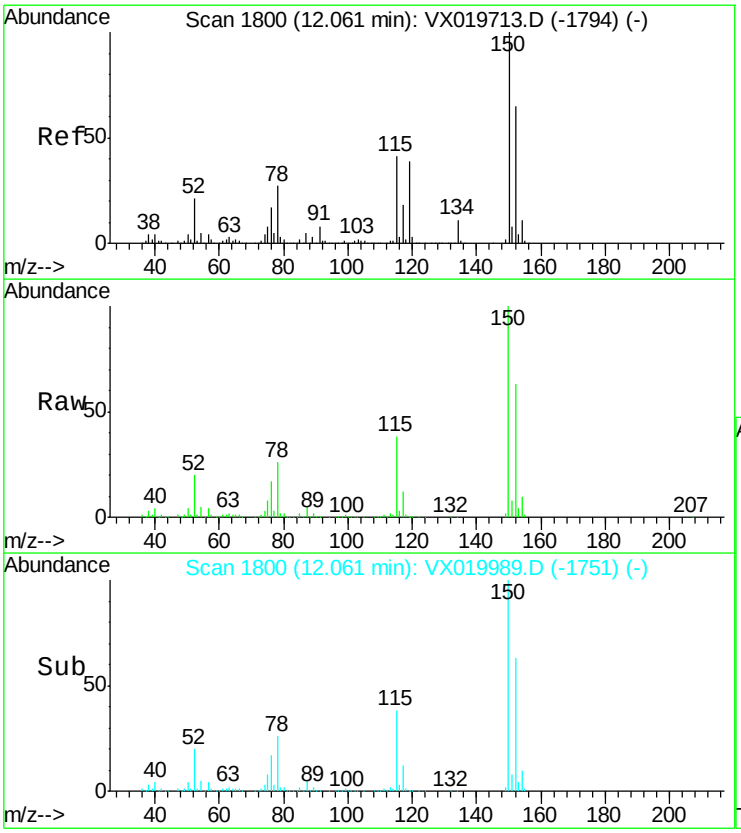
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.09 min Scan# 1477
Delta R.T. -0.00 min
Lab File: VX019989.D
Acq: 14 Dec 2020 16:15

Instrument :
MSVOA_X
ClientSampleId :
JBD-WC-S-IB-0809A-0-6

Tgt Ion:117 Resp: 453833

Ion	Ratio	Lower	Upper
117	100		
82	59.5	47.4	71.2
119	31.6	26.6	39.8

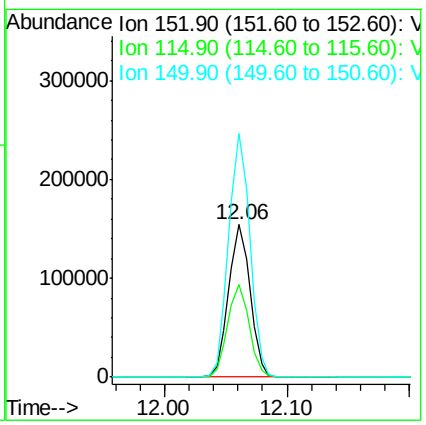


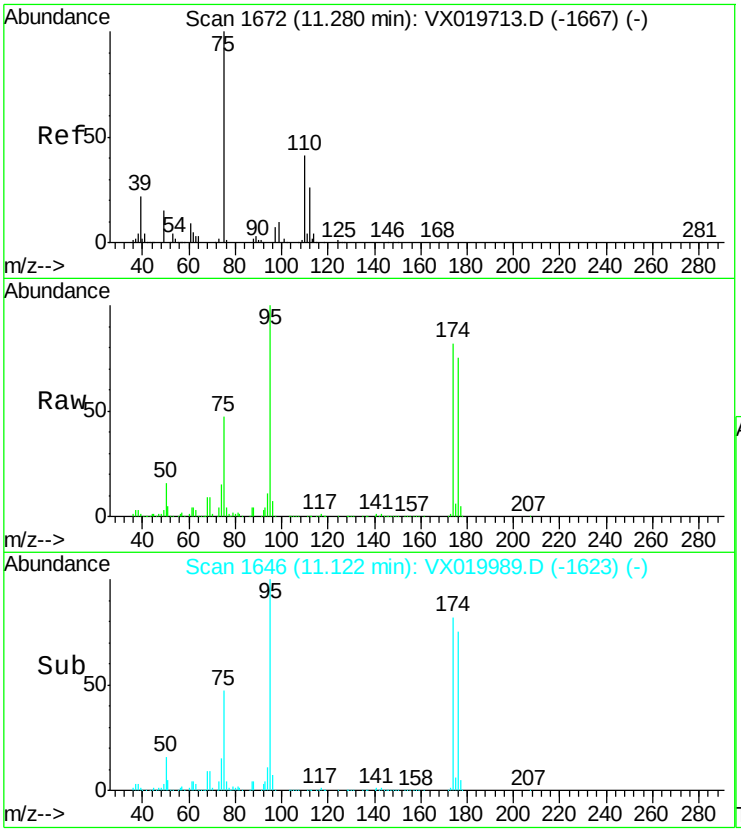


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX019989.D
Acq: 14 Dec 2020 16:15

Tgt Ion:152 Resp: 187378

Ion	Ratio	Lower	Upper
152	100		
115	60.7	41.1	123.3
150	158.7	0.0	349.0



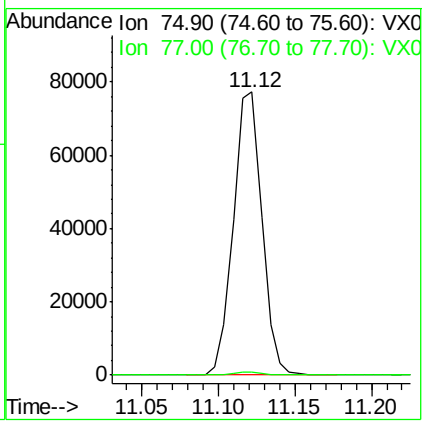


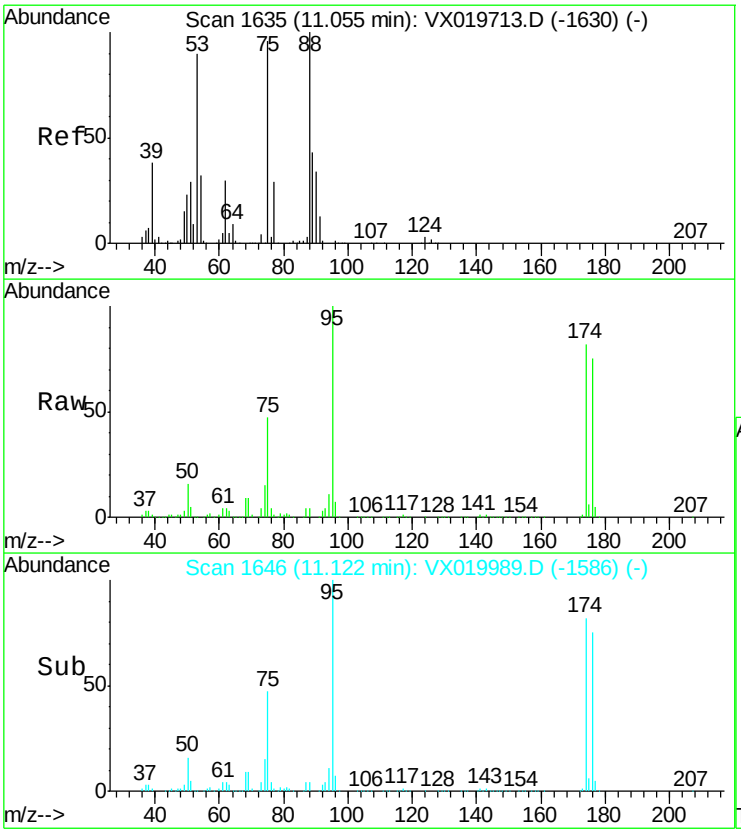
#76
1,2,3-Trichloropropane
Concen: 23.806 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.16 min
Lab File: VX019989.D
Acq: 14 Dec 2020 16:15

Instrument :
MSVOA_X
ClientSampleId :
JBD-WC-S-IB-0809A-0-6

Tgt Ion: 75 Resp: 100045

Ion	Ratio	Lower	Upper
75	100		
77	1.3	19.1	57.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 68.818 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.07 min
Lab File: VX019989.D
Acq: 14 Dec 2020 16:15

Tgt Ion: 75 Resp: 100045

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