Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121720\
Data File : VX020094.D
Acq On : 17 Dec 2020 03:11
Operator : JC/MD
Sample : PB133632TB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : PB133632TB

Quant Time: Dec 17 06:10:46 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	297582	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.83	114	494067	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.09	117	465577	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	196413	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.03	65	190025	48.59	ug/l		0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 97.18%				
35) Dibromofluoromethane	5.46	113	153596	48.10	ug/l		0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 96.20%				
50) Toluene-d8	8.70	98	606621	49.76	ug/l		0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 99.52%				
62) 4-Bromofluorobenzene	11.12	95	212728	45.85	ug/l		0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 91.70%				
Target Compounds							Qvalue
5) Bromomethane	1.64	94	968	0.863	ug/l		87
6) Chloroethane	1.69	64	588	0.290	ug/l	#	81
10) Methyl Iodide	2.50	142	1979	0.498	ug/l		97
11) Tert butyl alcohol	2.99	59	5066	3.726	ug/l	#	73
13) Acrolein	2.27	56	371	0.859	ug/l	#	77
15) Acrylonitrile	3.12	53	411	0.232	ug/l		84
16) Acetone	2.42	43	13170	8.959	ug/l		98
18) Methyl Acetate	2.75	43	1680	0.467	ug/l		95
20) Methylene Chloride	2.83	84	10614	1.791	ug/l	#	94
25) 2-Butanone	4.64	43	3629	1.607	ug/l		98
29) Tetrahydrofuran	5.11	42	828	0.569	ug/l	#	68
31) Cyclohexane	5.63	56	5914	1.216	ug/l	#	1
36) 1,1-Dichloropropene	5.63	75	23079	5.169	ug/l	#	48
38) Carbon Tetrachloride	5.63	117	29598	6.770	ug/l	#	18
43) Isopropyl Acetate	6.41	43	25505	3.480	ug/l		96
48) Methyl methacrylate	7.65	41	7186	1.994	ug/l	#	10
49) 1,4-Dioxane	7.85	88	280	3.207	ug/l	#	1
51) 4-Methyl-2-Pentanone	8.59	43	91783	20.513	ug/l	#	46
54) cis-1,3-Dichloropropene	8.59	75	47588	8.642	ug/l	#	61
57) 1,3-Dichloropropane	9.52	76	31184	5.313	ug/l	#	43
59) 2-Hexanone	9.52	43	375606	108.299	ug/l	#	46
74) N-amyl acetate	10.68	43	16800	3.124	ug/l	#	49
76) 1,2,3-Trichloropropane	11.12	75	103138	23.413	ug/l	#	39
80) 1,3,5-Trimethylbenzene	11.49	105	7317	0.646	ug/l		99
81) trans-1,4-Dichloro-2-buten	11.12	75	103138	67.682	ug/l	#	12
93) 1,2,4-Trichlorobenzene	13.63	180	950	0.238	ug/l		85
94) Hexachlorobutadiene	13.77	225	365	0.204	ug/l		96
96) 1,2,3-Trichlorobenzene	14.00	180	787	0.201	ug/l		96

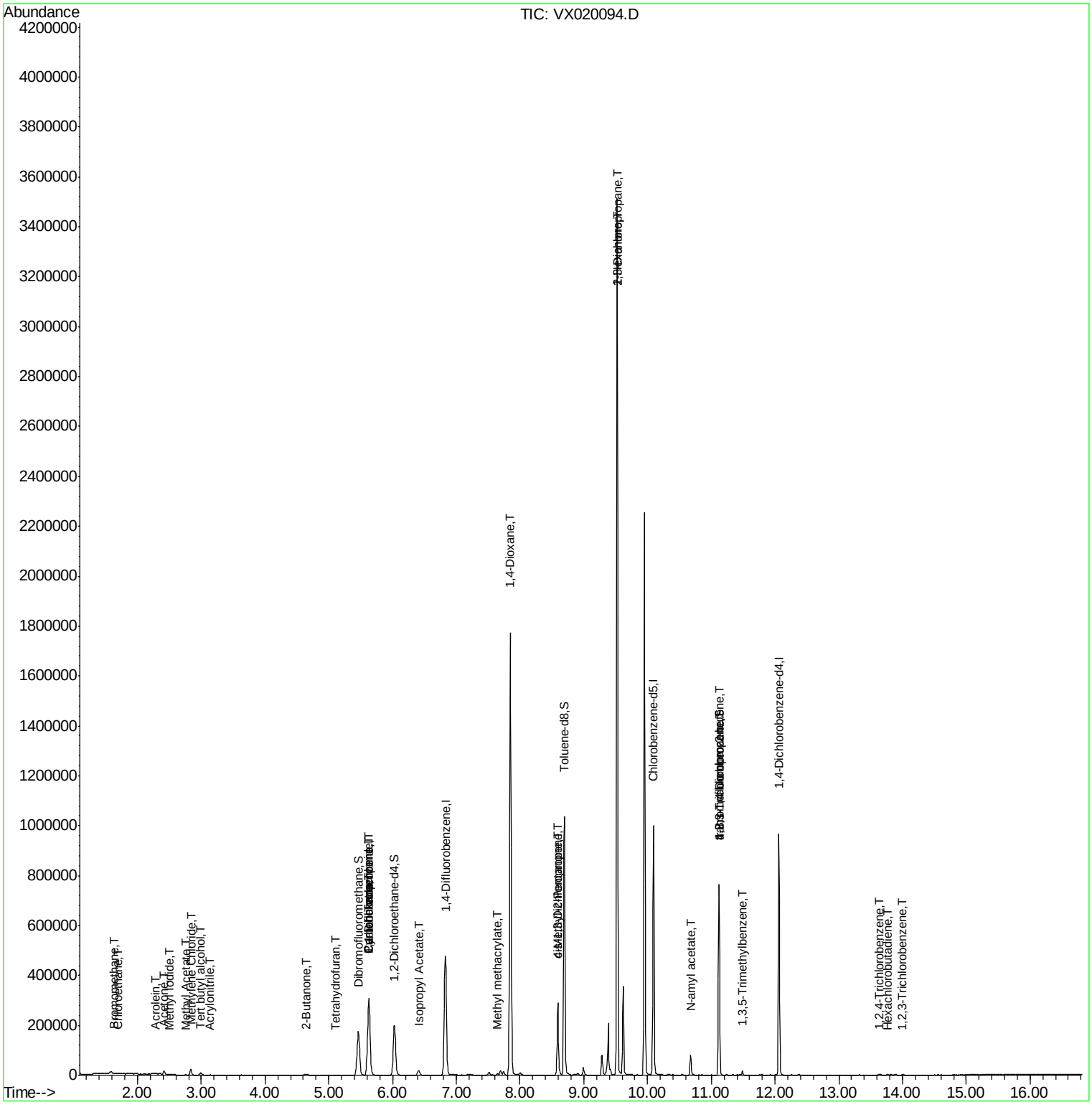
(#) = qualifier out of range (m) = manual integration (+) = signals summed

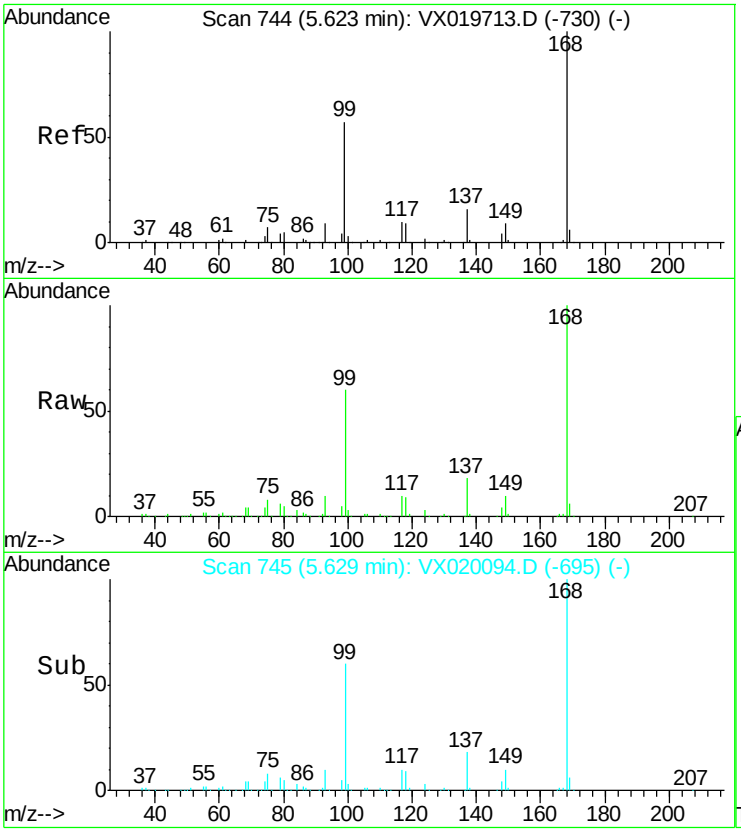
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121720\
Data File : VX020094.D
Acq On : 17 Dec 2020 03:11
Operator : JC/MD
Sample : PB133632TB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PB133632TB

Quant Time: Dec 17 06:10:46 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



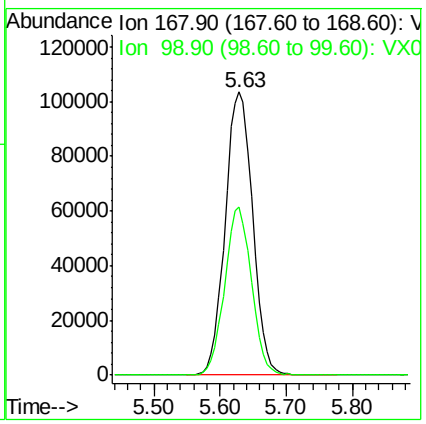


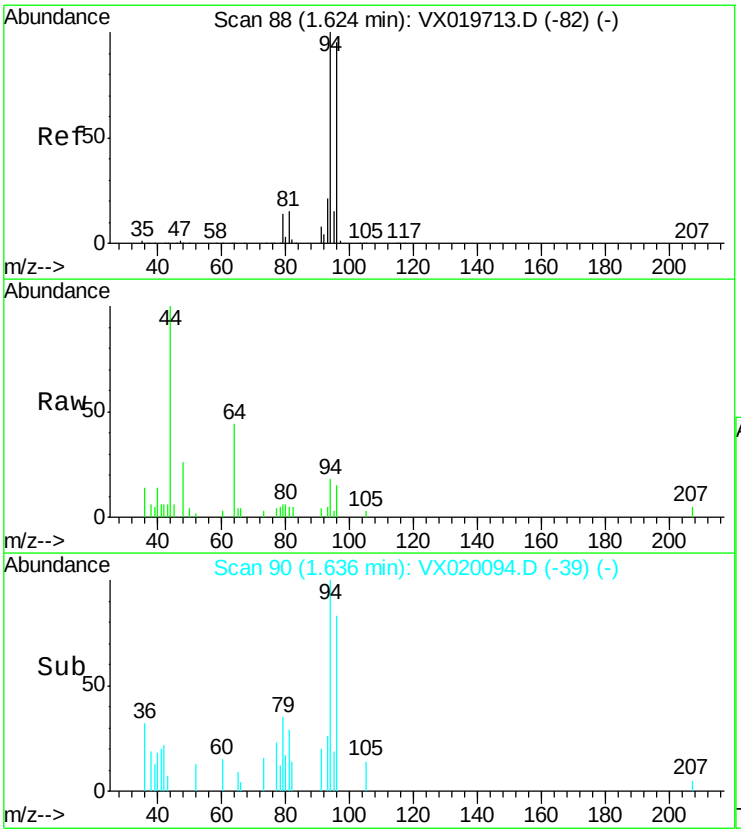
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.63 min Scan# 745
Delta R.T. 0.01 min
Lab File: VX020094.D
Acq: 17 Dec 2020 03:11

Instrument :
MSVOA_X
ClientSampleId :
PB133632TB

Tgt Ion:168 Resp: 297582

Ion	Ratio	Lower	Upper
168	100		
99	59.6	45.8	68.6

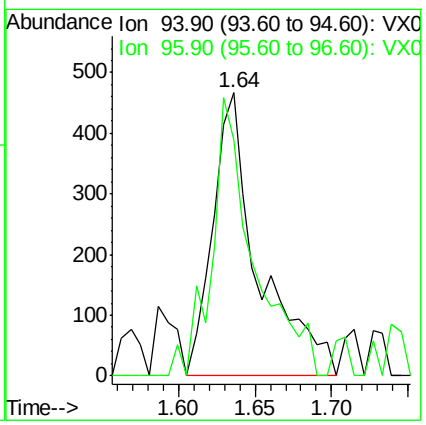


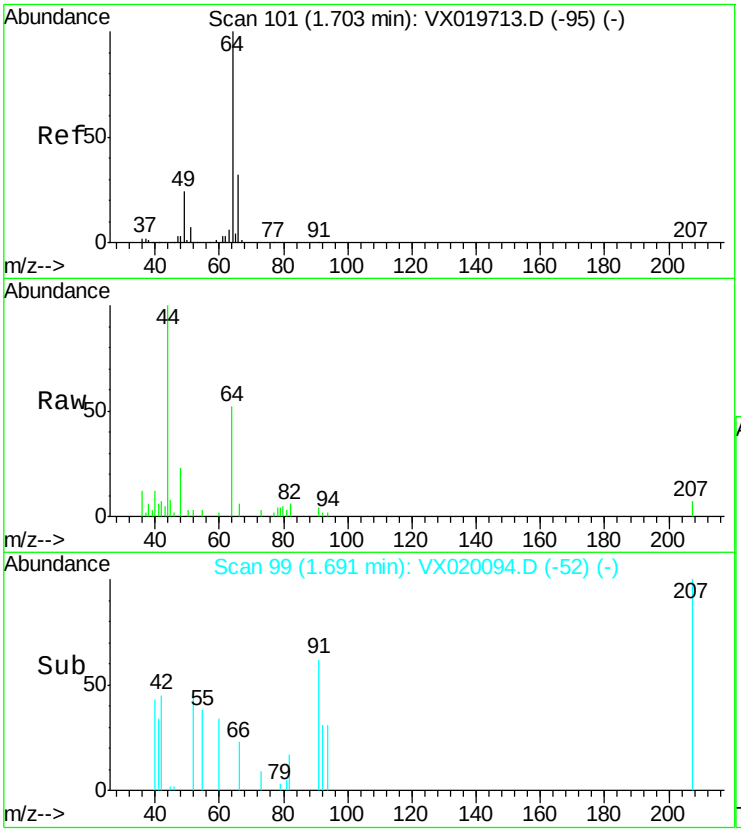


#5
Bromomethane
Concen: 0.863 ug/l
RT: 1.64 min Scan# 90
Delta R.T. 0.01 min
Lab File: VX020094.D
Acq: 17 Dec 2020 03:11

Tgt Ion: 94 Resp: 968

Ion	Ratio	Lower	Upper
94	100		
96	83.3	76.4	114.6



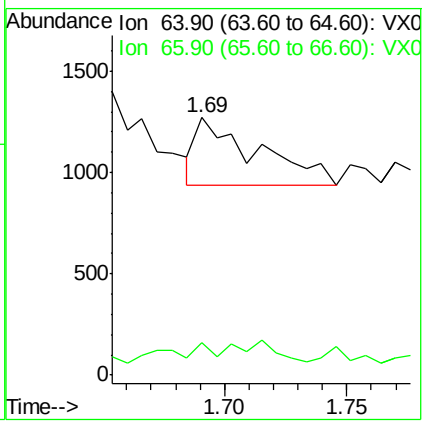


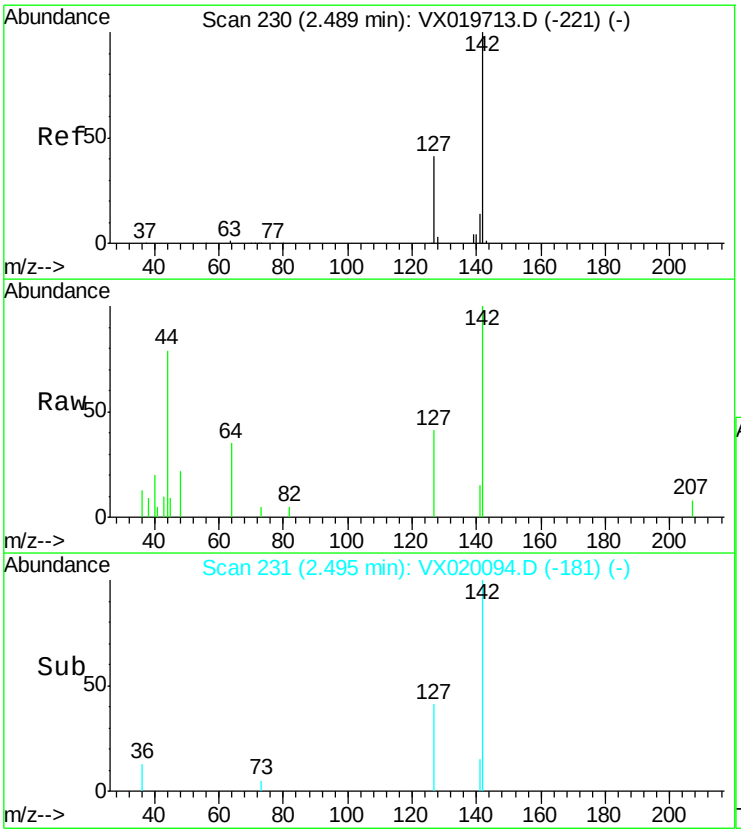
#6
Chloroethane
Concen: 0.290 ug/l
RT: 1.69 min Scan# 99
Delta R.T. -0.01 min
Lab File: VX020094.D
Acq: 17 Dec 2020 03:11

Instrument : MSVOA_X
ClientSampleId : PB133632TB

Tgt Ion: 64 Resp: 588

Ion	Ratio	Lower	Upper
64	100		
66	21.4	25.4	38.0#

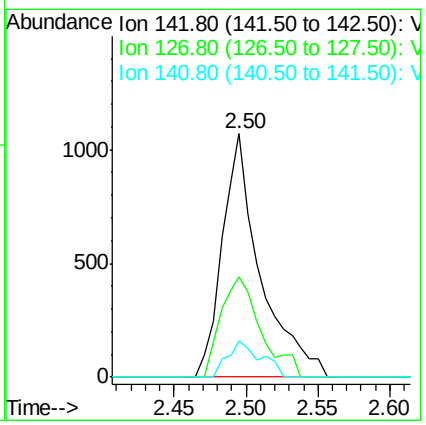


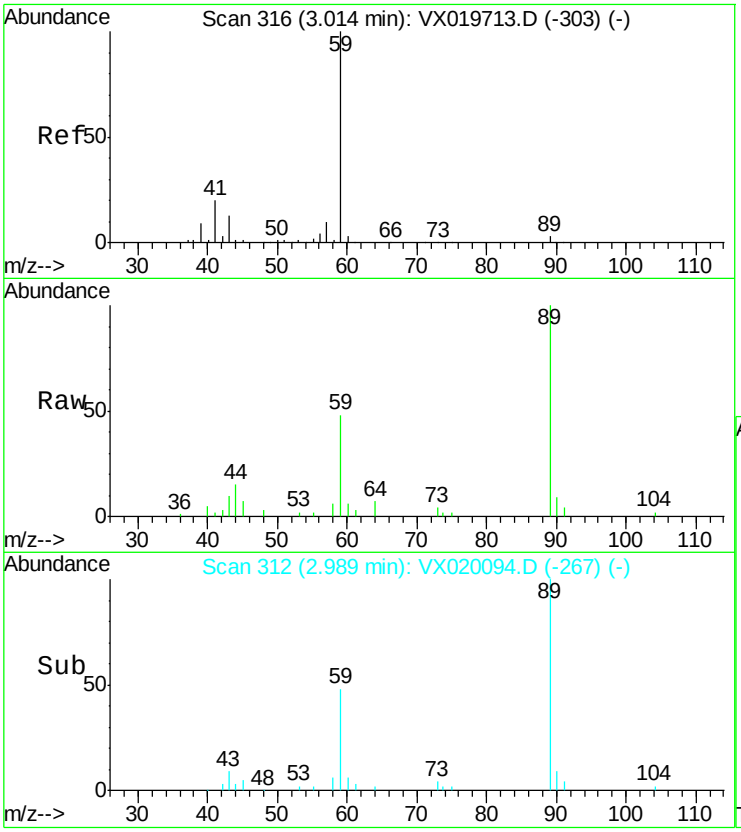


#10
Methyl Iodide
Concen: 0.498 ug/l
RT: 2.50 min Scan# 231
Delta R.T. 0.01 min
Lab File: VX020094.D
Acq: 17 Dec 2020 03:11

Tgt Ion:142 Resp: 1979

Ion	Ratio	Lower	Upper
142	100		
127	43.2	33.3	49.9
141	12.9	11.4	17.0



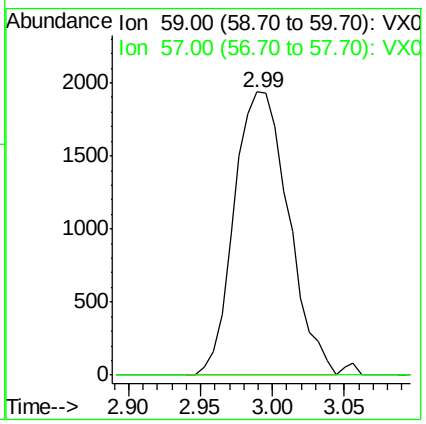


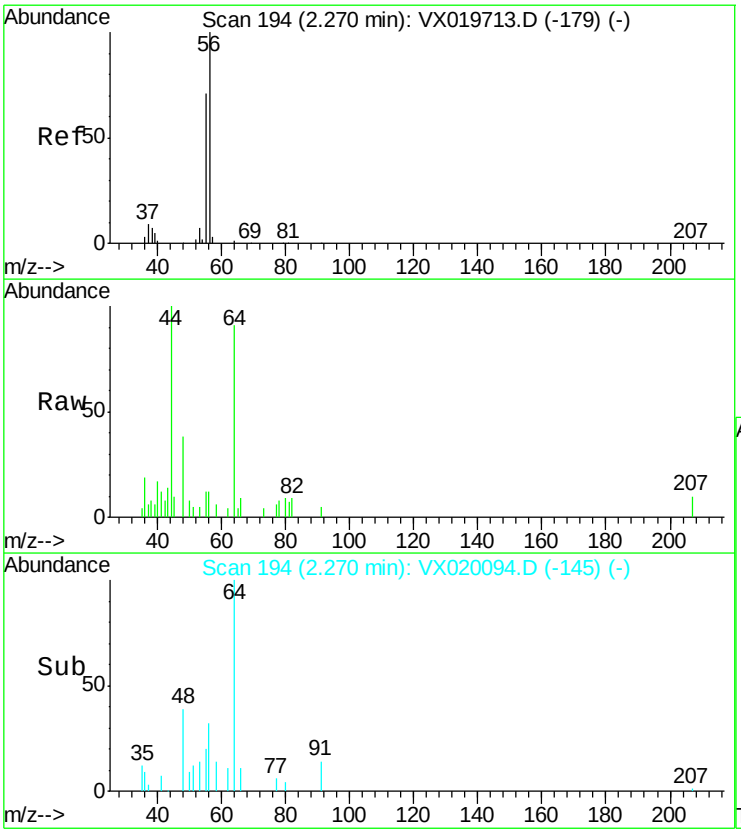
#11
Tert butyl alcohol
Concen: 3.726 ug/l
RT: 2.99 min Scan# 312
Delta R.T. -0.02 min
Lab File: VX020094.D
Acq: 17 Dec 2020 03:11

Instrument : MSVOA_X
ClientSampleId : PB133632TB

Tgt Ion: 59 Resp: 5066

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.8	11.8#

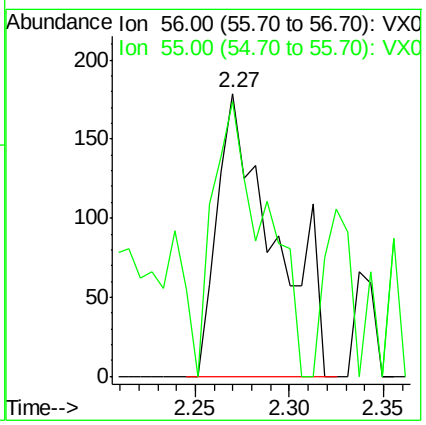


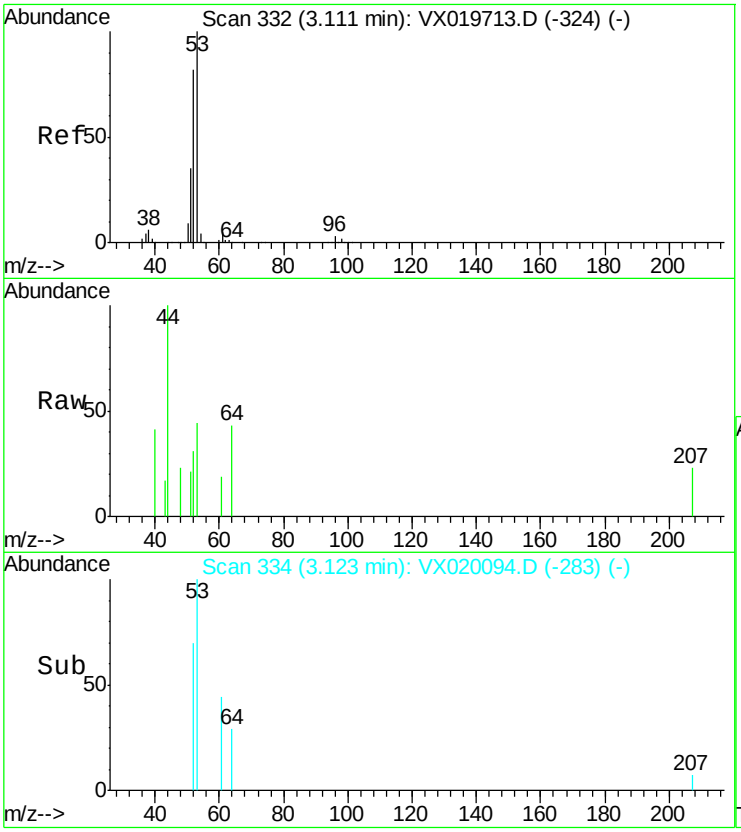


#13
Acrolein
Concen: 0.859 ug/l
RT: 2.27 min Scan# 194
Delta R.T. -0.00 min
Lab File: VX020094.D
Acq: 17 Dec 2020 03:11

Tgt Ion: 56 Resp: 371

Ion	Ratio	Lower	Upper
56	100		
55	89.5	56.4	84.6#



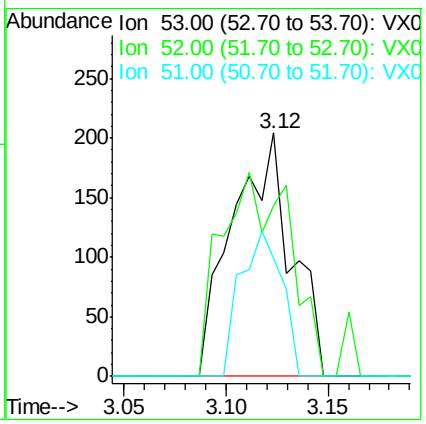


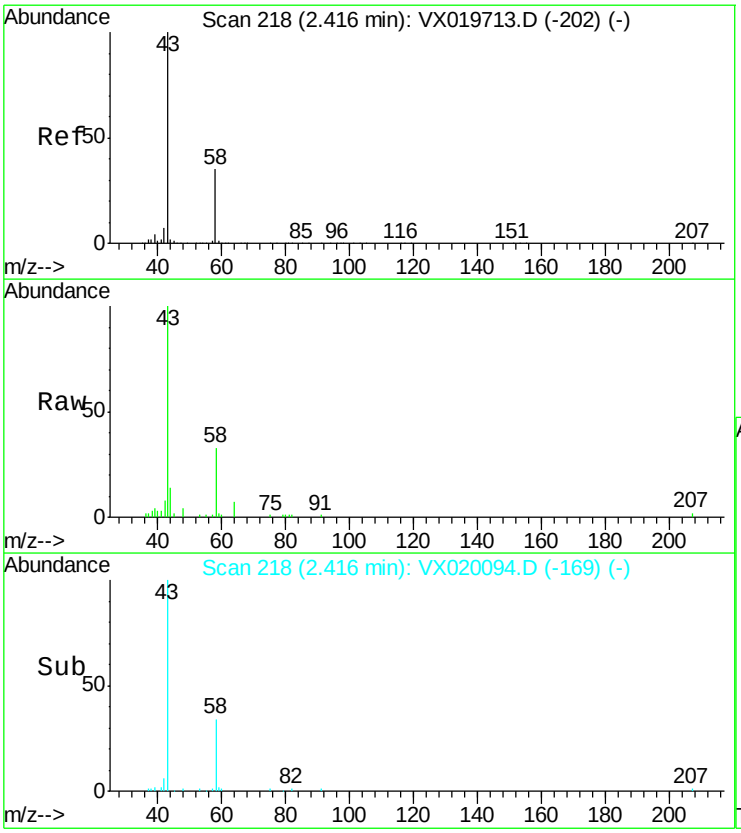
#15
Acrylonitrile
Concen: 0.232 ug/l
RT: 3.12 min Scan# 334
Delta R.T. 0.01 min
Lab File: VX020094.D
Acq: 17 Dec 2020 03:11

Instrument :
MSVOA_X
ClientSampleId :
PB133632TB

Tgt Ion: 53 Resp: 411

Ion	Ratio	Lower	Upper
53	100		
52	97.6	65.3	97.9
51	41.8	28.2	42.2

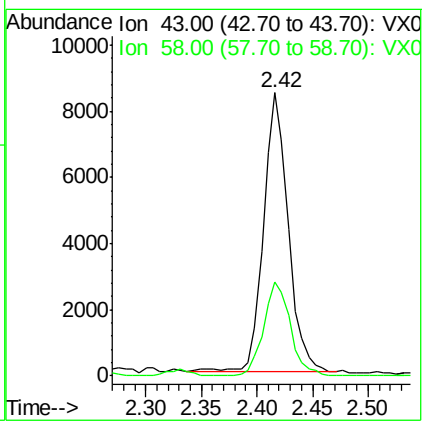


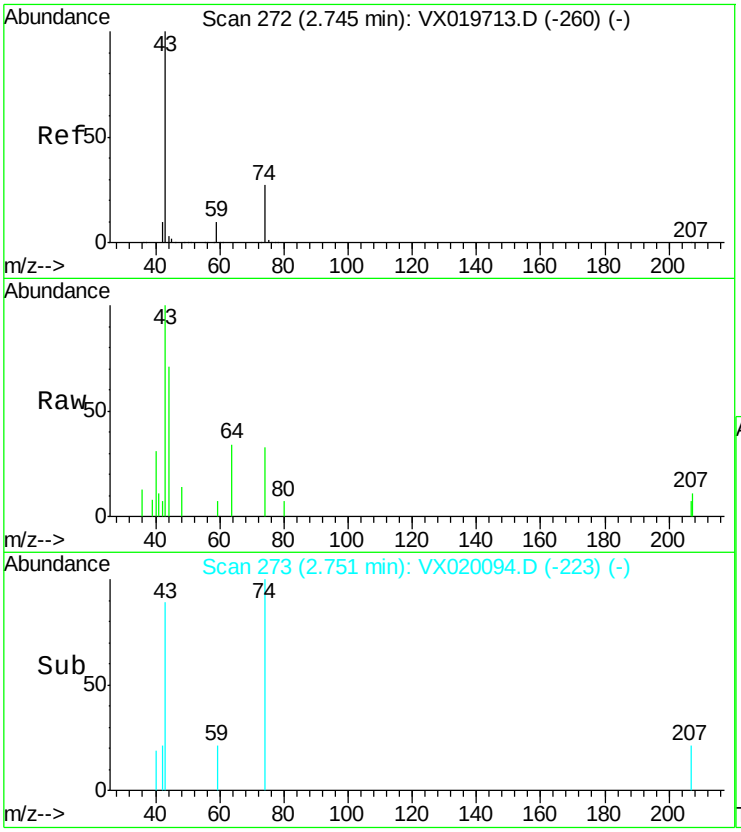


#16
Acetone
Concen: 8.959 ug/l
RT: 2.42 min Scan# 218
Delta R.T. -0.00 min
Lab File: VX020094.D
Acq: 17 Dec 2020 03:11

Tgt Ion: 43 Resp: 13170

Ion	Ratio	Lower	Upper
43	100		
58	33.8	27.8	41.8



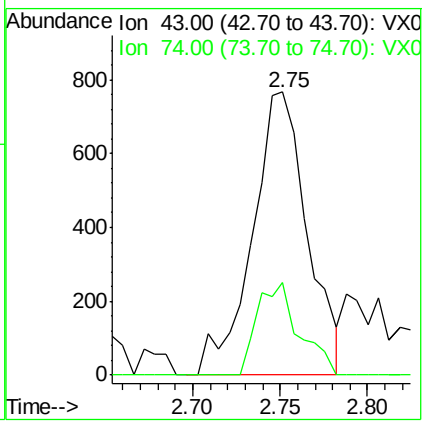


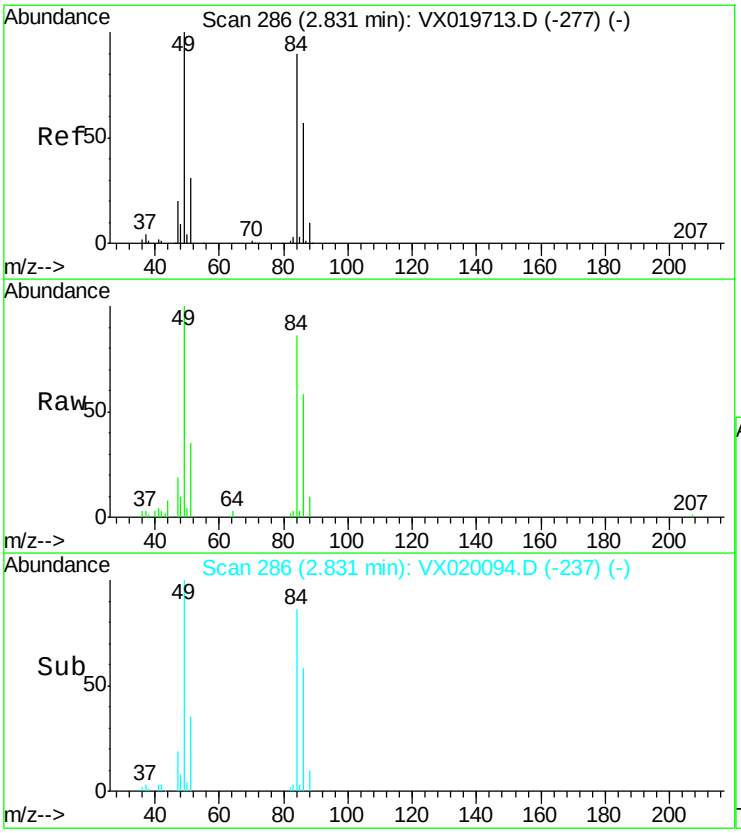
#18
Methyl Acetate
Concen: 0.467 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.01 min
Lab File: VX020094.D
Acq: 17 Dec 2020 03:11

Instrument :
MSVOA_X
ClientSampleId :
PB133632TB

Tgt Ion: 43 Resp: 1680

Ion	Ratio	Lower	Upper
43	100		
74	24.9	21.9	32.9

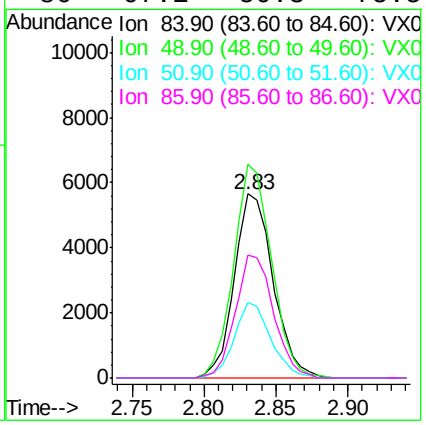


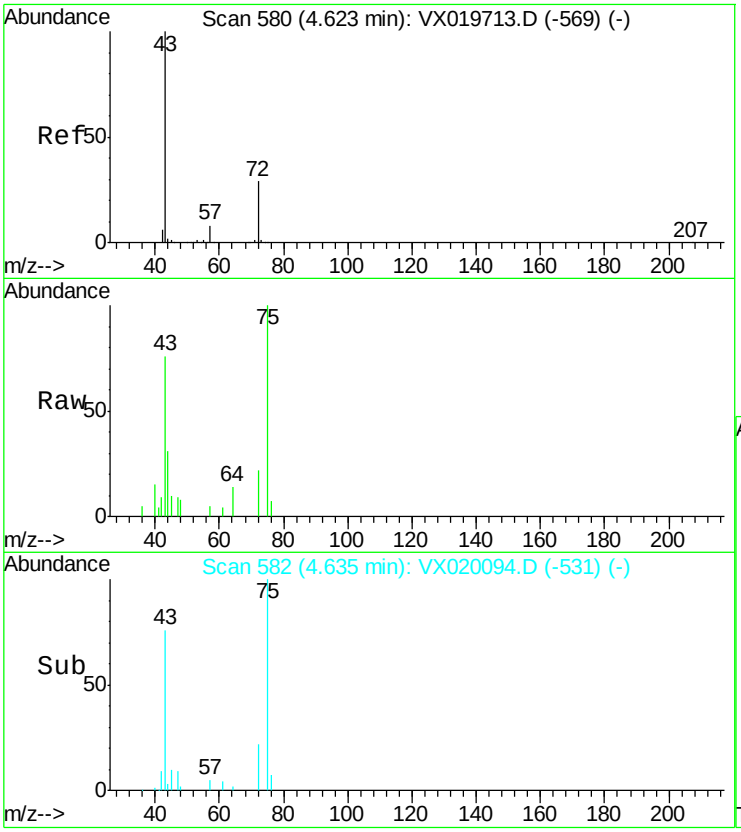


#20
Methylene Chloride
Concen: 1.791 ug/l
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX020094.D
Acq: 17 Dec 2020 03:11

Tgt Ion: 84 Resp: 10614

Ion	Ratio	Lower	Upper
84	100		
49	116.2	88.6	132.8
51	41.0	27.0	40.6#
86	67.1	50.3	75.5



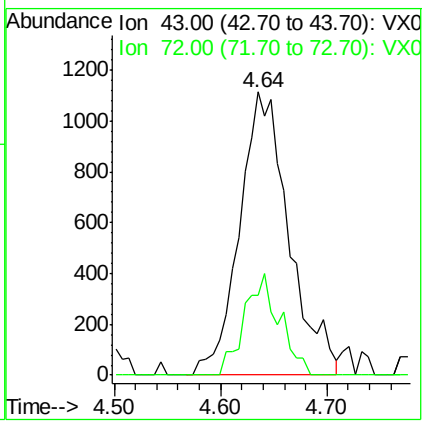


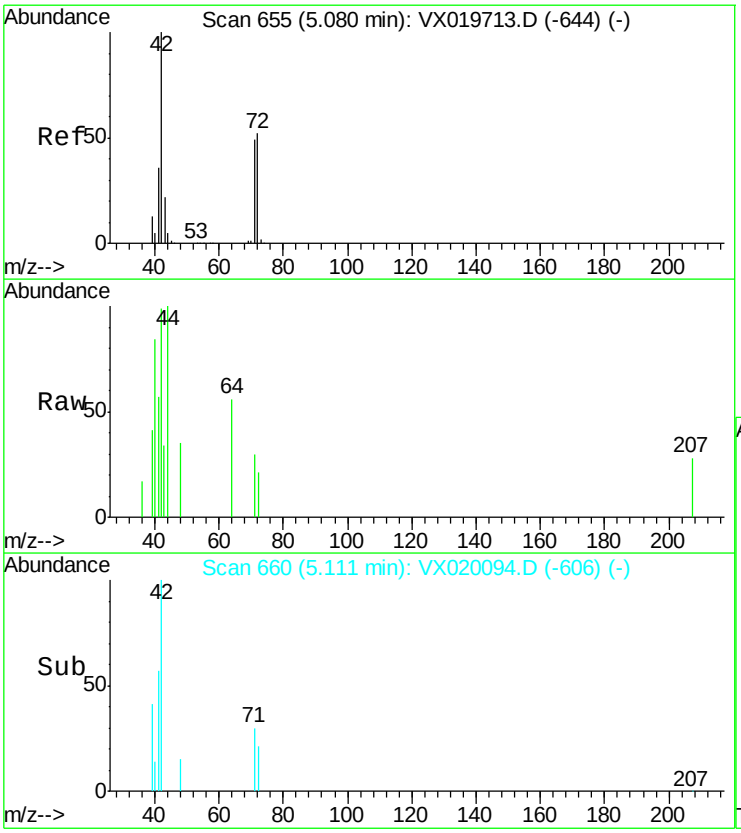
#25
2-Butanone
Concen: 1.607 ug/l
RT: 4.64 min Scan# 582
Delta R.T. 0.01 min
Lab File: VX020094.D
Acq: 17 Dec 2020 03:11

Instrument :
MSVOA_X
ClientSampleId :
PB133632TB

Tgt Ion: 43 Resp: 3629

Ion	Ratio	Lower	Upper
43	100		
72	28.4	23.7	35.5

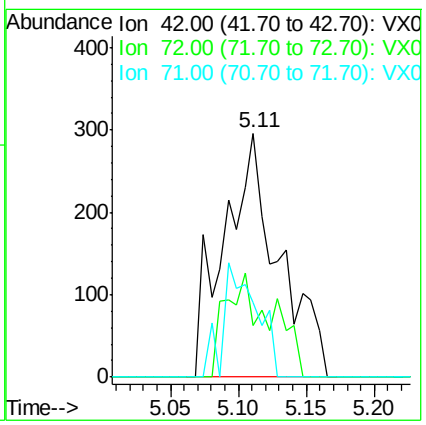


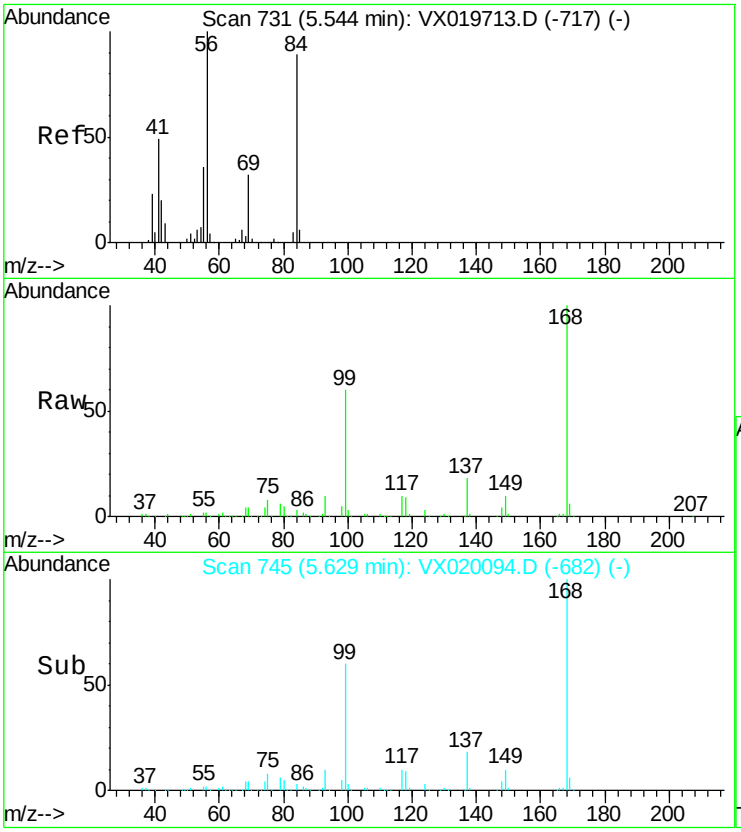


#29
Tetrahydrofuran
Concen: 0.569 ug/l
RT: 5.11 min Scan# 660
Delta R.T. 0.03 min
Lab File: VX020094.D
Acq: 17 Dec 2020 03:11

Tgt Ion: 42 Resp: 828

Ion	Ratio	Lower	Upper
42	100		
72	26.6	41.7	62.5#
71	29.1	38.4	57.6#



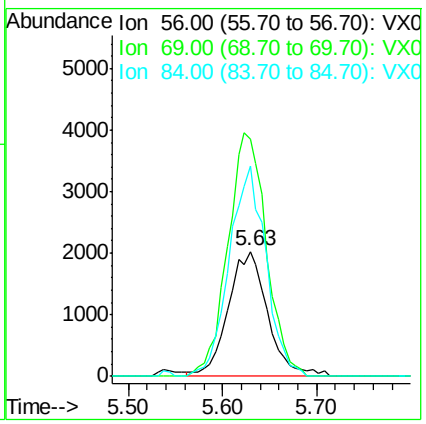


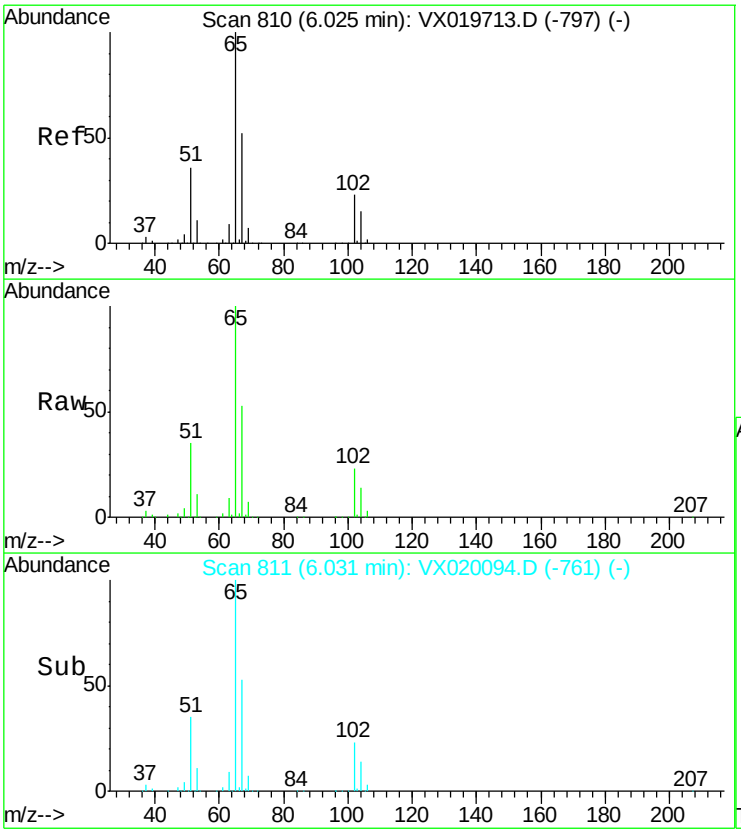
#31
Cyclohexane
Concen: 1.216 ug/l
RT: 5.63 min Scan# 745
Delta R.T. 0.09 min
Lab File: VX020094.D
Acq: 17 Dec 2020 03:11

Instrument :
MSVOA_X
ClientSampleId :
PB133632TB

Tgt Ion: 56 Resp: 5914

Ion	Ratio	Lower	Upper
56	100		
69	190.7	25.3	37.9#
84	168.6	71.4	107.0#

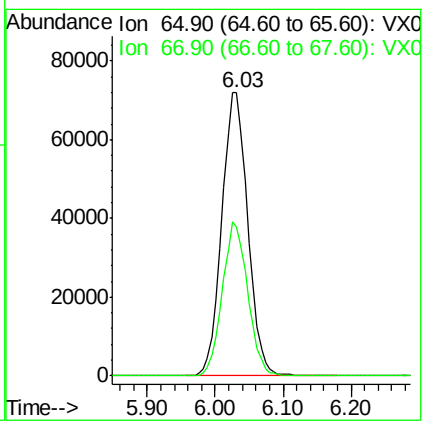


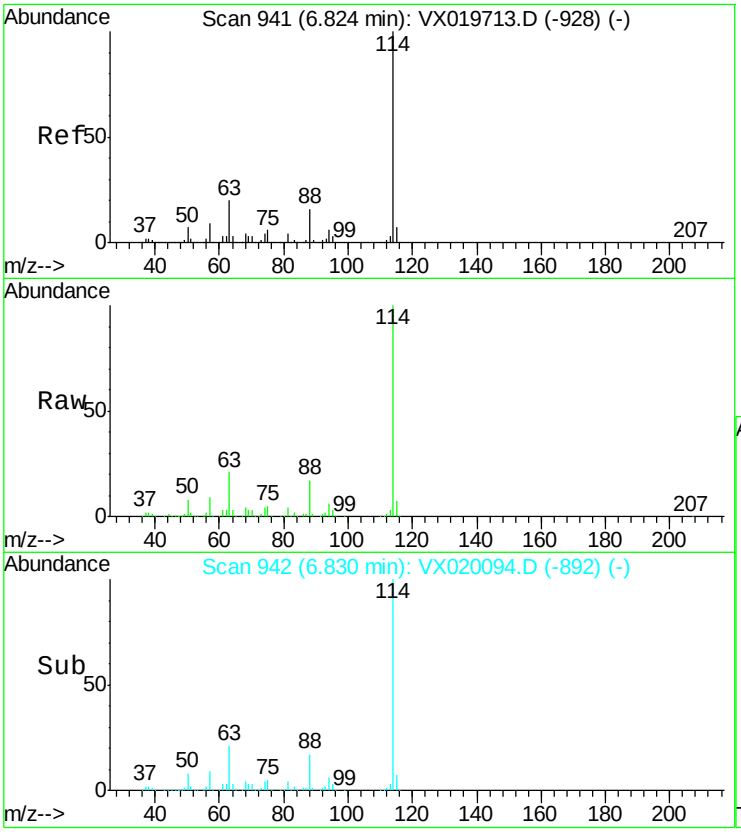


#33
1,2-Dichloroethane-d4
Concen: 48.586 ug/l
RT: 6.03 min Scan# 811
Delta R.T. 0.01 min
Lab File: VX020094.D
Acq: 17 Dec 2020 03:11

Tgt Ion: 65 Resp: 190025

Ion	Ratio	Lower	Upper
65	100		
67	53.4	0.0	105.4



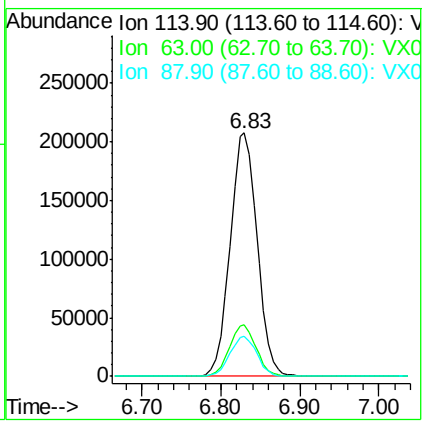


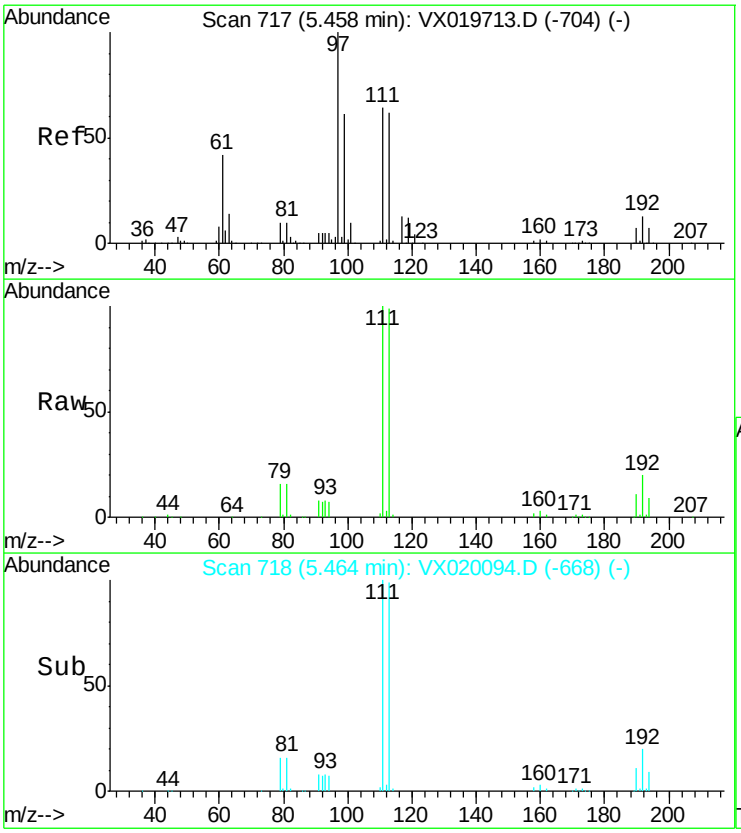
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.83 min Scan# 942
Delta R.T. 0.01 min
Lab File: VX020094.D
Acq: 17 Dec 2020 03:11

Instrument :
MSVOA_X
ClientSampleId :
PB133632TB

Tgt Ion:114 Resp: 494067

Ion	Ratio	Lower	Upper
114	100		
63	21.0	0.0	40.8
88	16.6	0.0	32.8

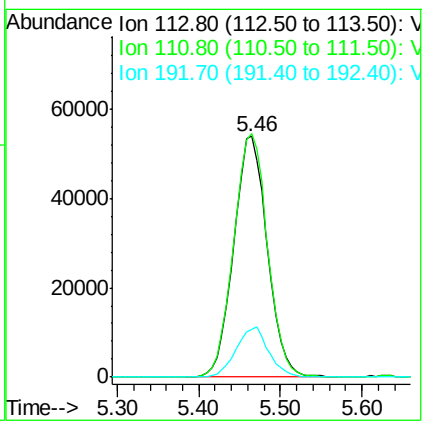


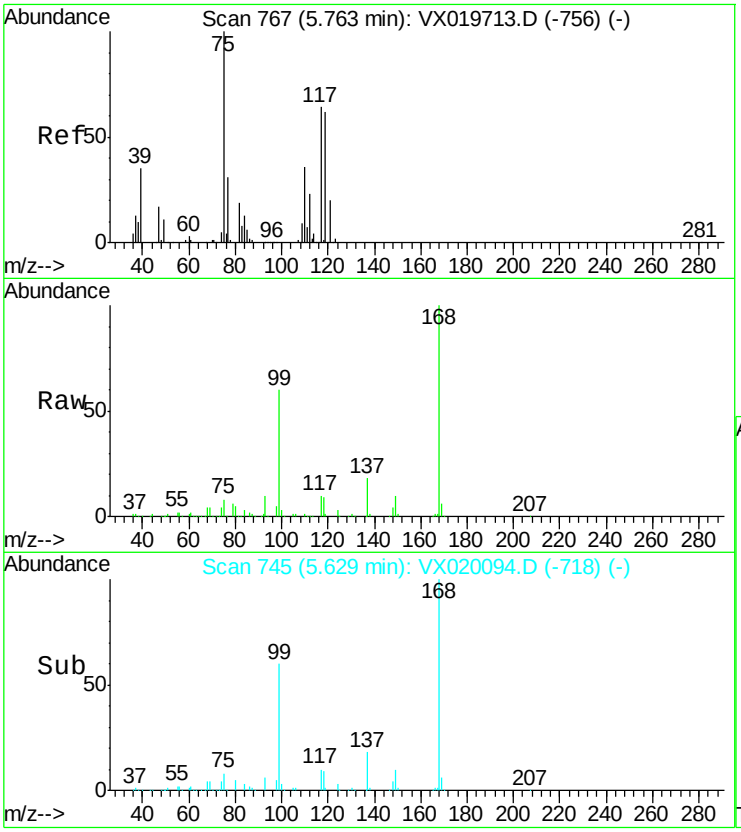


#35
Dibromofluoromethane
Concen: 48.103 ug/l
RT: 5.46 min Scan# 718
Delta R.T. 0.01 min
Lab File: VX020094.D
Acq: 17 Dec 2020 03:11

Tgt Ion:113 Resp: 153596

Ion	Ratio	Lower	Upper
113	100		
111	102.0	81.9	122.9
192	20.1	16.7	25.1



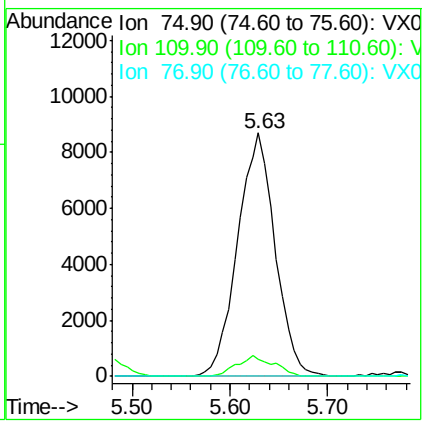


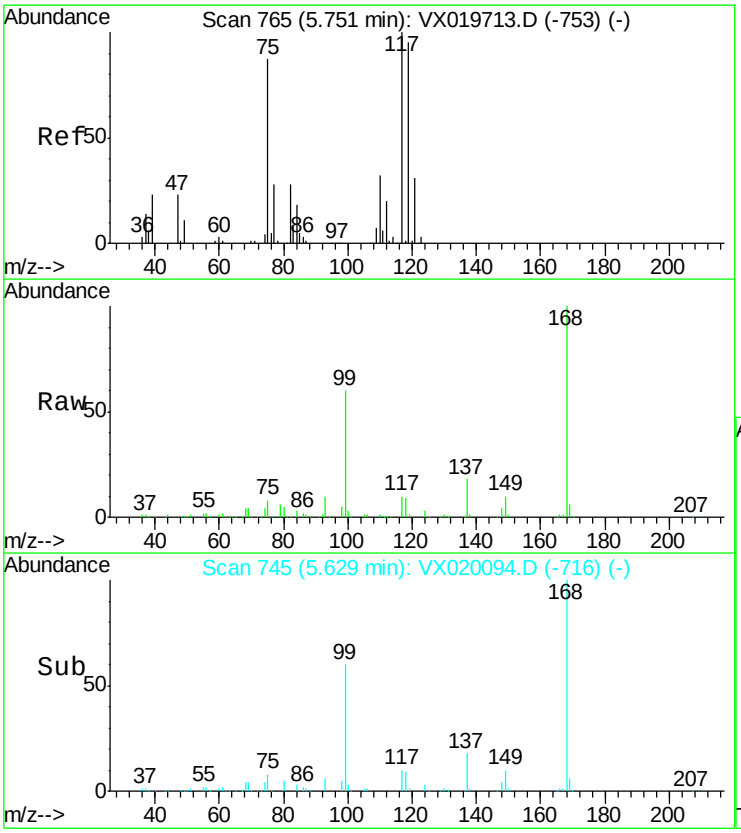
#36
1,1-Dichloropropene
Concen: 5.169 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.13 min
Lab File: VX020094.D
Acq: 17 Dec 2020 03:11

Instrument : MSVOA_X
ClientSampleId : PB133632TB

Tgt Ion: 75 Resp: 23079

Ion	Ratio	Lower	Upper
75	100		
110	8.2	18.1	54.4#
77	0.0	25.3	37.9#

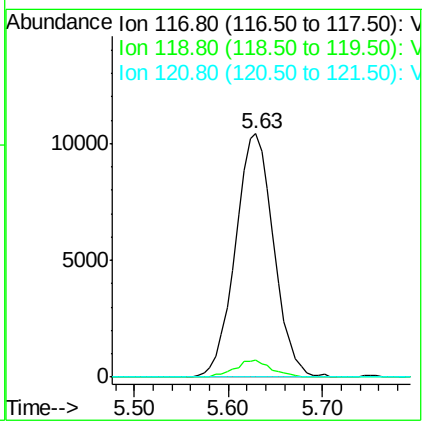


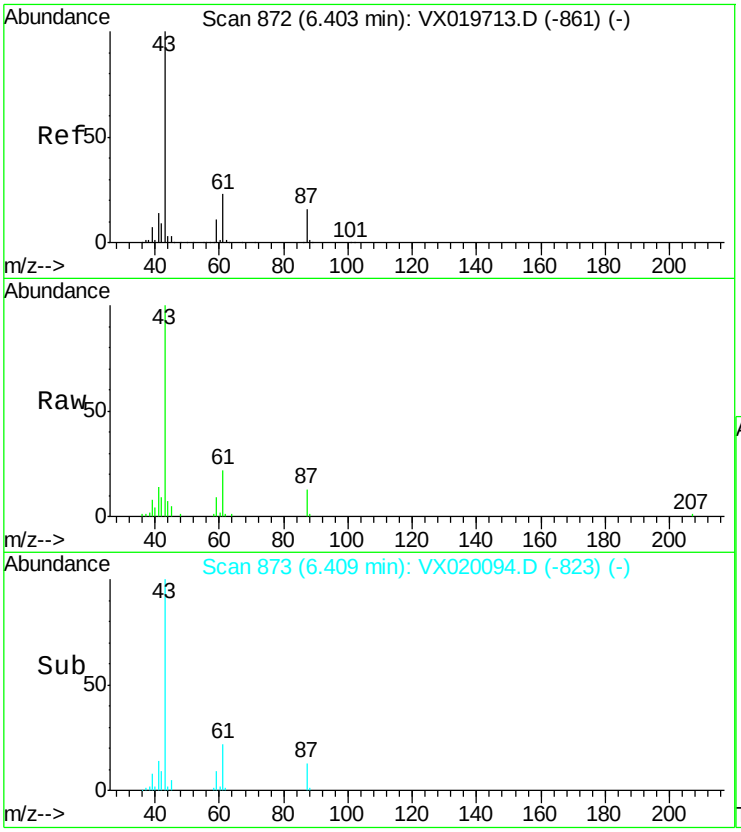


#38
Carbon Tetrachloride
Concen: 6.770 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.12 min
Lab File: VX020094.D
Acq: 17 Dec 2020 03:11

Tgt Ion:117 Resp: 29598

Ion	Ratio	Lower	Upper
117	100		
119	7.0	76.2	114.2#
121	0.0	24.8	37.2#



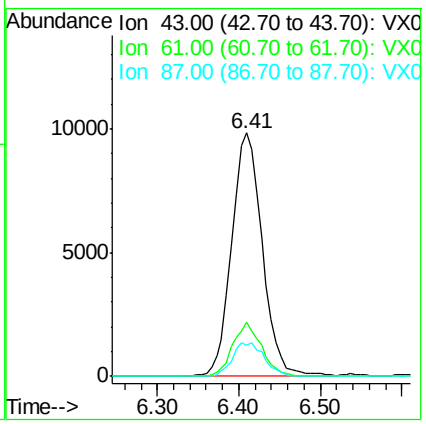


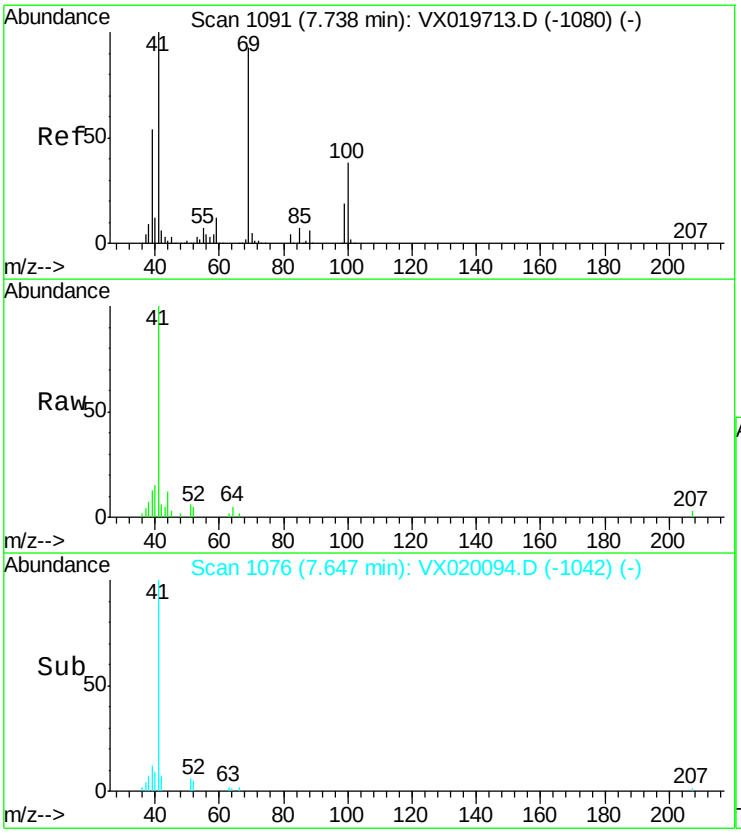
#43
Isopropyl Acetate
Concen: 3.480 ug/l
RT: 6.41 min Scan# 873
Delta R.T. 0.01 min
Lab File: VX020094.D
Acq: 17 Dec 2020 03:11

Instrument :
MSVOA_X
ClientSampleId :
PB133632TB

Tgt Ion: 43 Resp: 25505

Ion	Ratio	Lower	Upper
43	100		
61	20.8	18.2	27.4
87	14.4	12.5	18.7

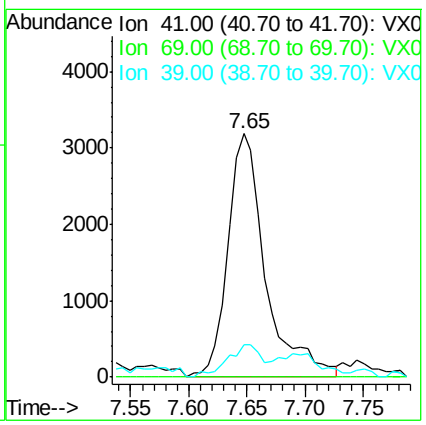


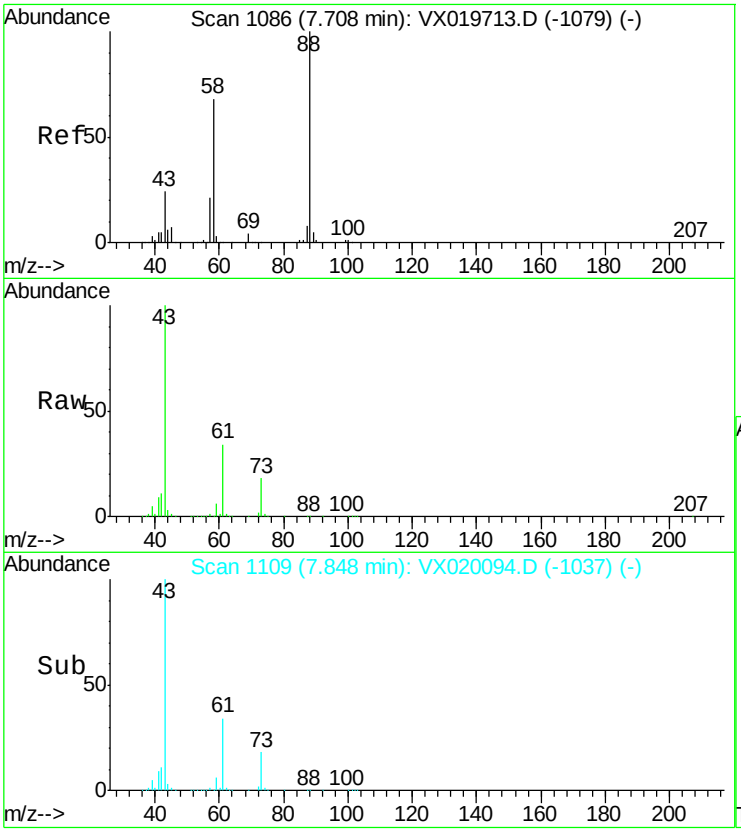


#48
Methyl methacrylate
Concen: 1.994 ug/l
RT: 7.65 min Scan# 1076
Delta R.T. -0.09 min
Lab File: VX020094.D
Acq: 17 Dec 2020 03:11

Tgt Ion: 41 Resp: 7186

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



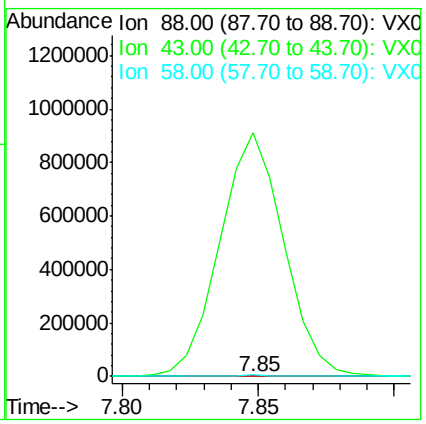


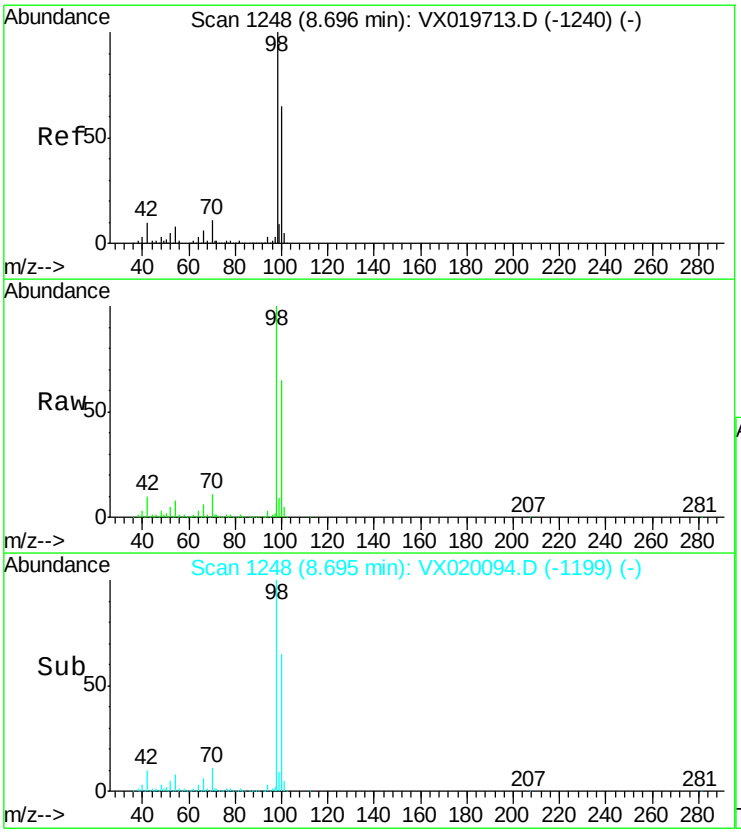
#49
1,4-Dioxane
Concen: 3.207 ug/l
RT: 7.85 min Scan# 1109
Delta R.T. 0.14 min
Lab File: VX020094.D
Acq: 17 Dec 2020 03:11

Instrument : MSVOA_X
ClientSampleId : PB133632TB

Tgt Ion: 88 Resp: 280

Ion	Ratio	Lower	Upper
88	100		
43	532816.8	23.2	34.8#
58	2779.6	55.0	82.4#

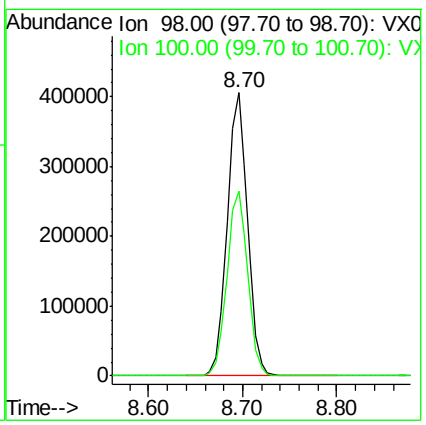


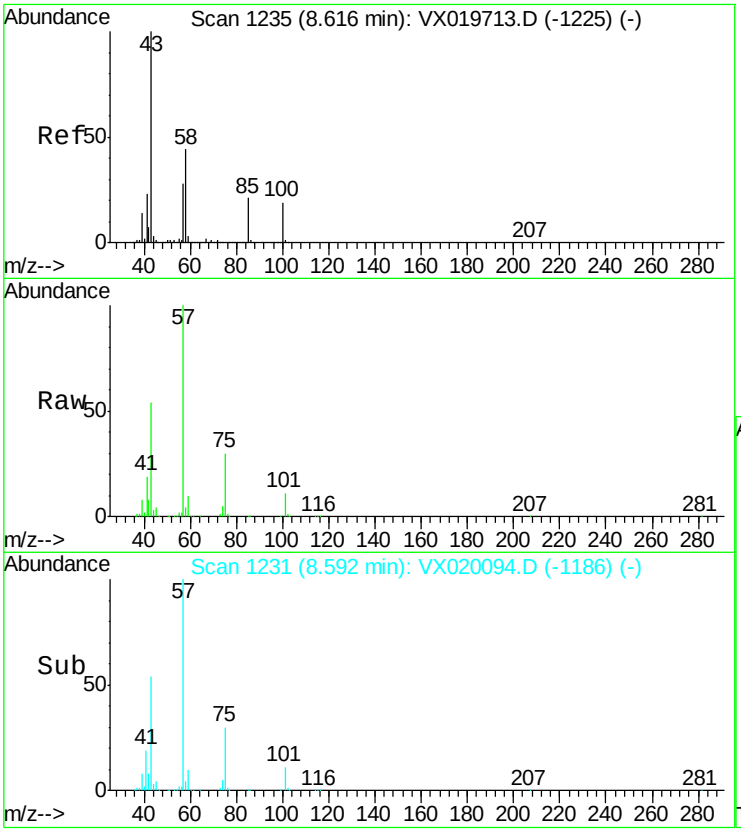


#50
Toluene-d8
Concen: 49.762 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX020094.D
Acq: 17 Dec 2020 03:11

Tgt Ion: 98 Resp: 606621

Ion	Ratio	Lower	Upper
98	100		
100	66.6	51.9	77.9



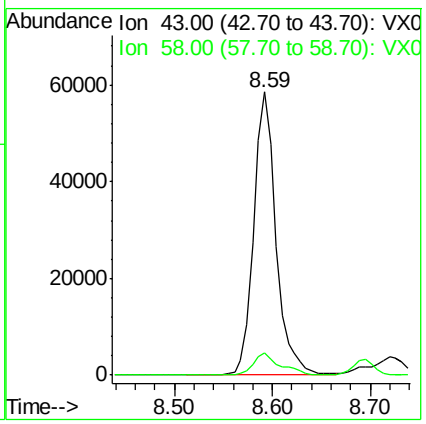


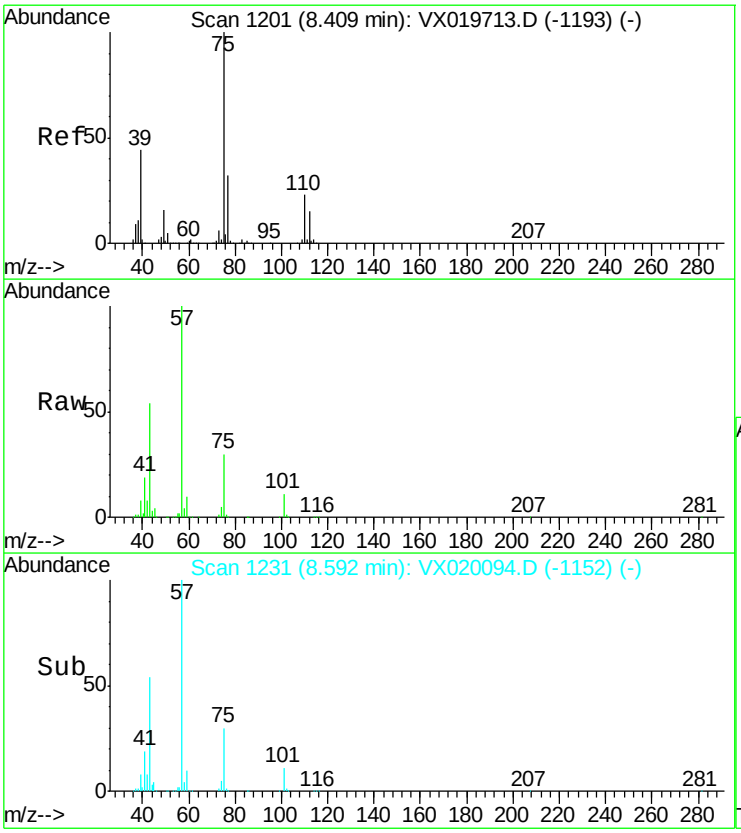
#51
4-Methyl-2-Pentanone
Concen: 20.513 ug/l
RT: 8.59 min Scan# 1231
Delta R.T. -0.02 min
Lab File: VX020094.D
Acq: 17 Dec 2020 03:11

Instrument :
MSVOA_X
ClientSampleId :
PB133632TB

Tgt Ion: 43 Resp: 91783

Ion	Ratio	Lower	Upper
43	100		
58	9.5	35.4	53.0#

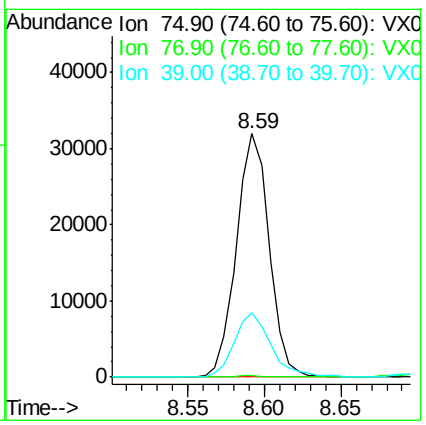


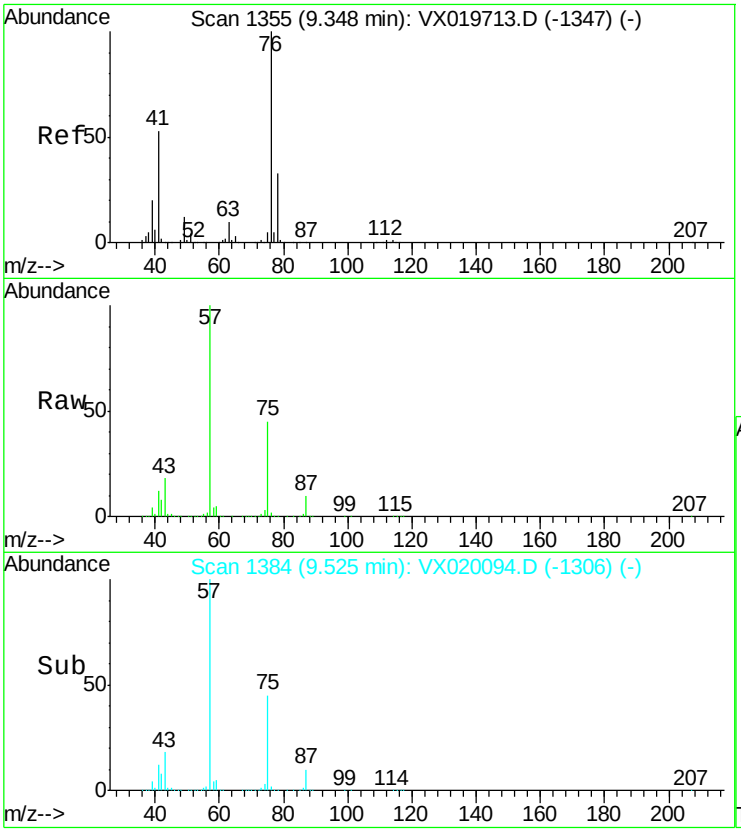


#54
cis-1,3-Dichloropropene
Concen: 8.642 ug/l
RT: 8.59 min Scan# 1231
Delta R.T. 0.18 min
Lab File: VX020094.D
Acq: 17 Dec 2020 03:11

Tgt Ion: 75 Resp: 47588

Ion	Ratio	Lower	Upper
75	100		
77	0.6	25.7	38.5#
39	26.6	35.1	52.7#



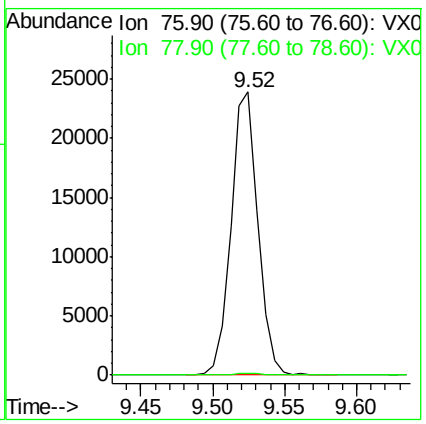


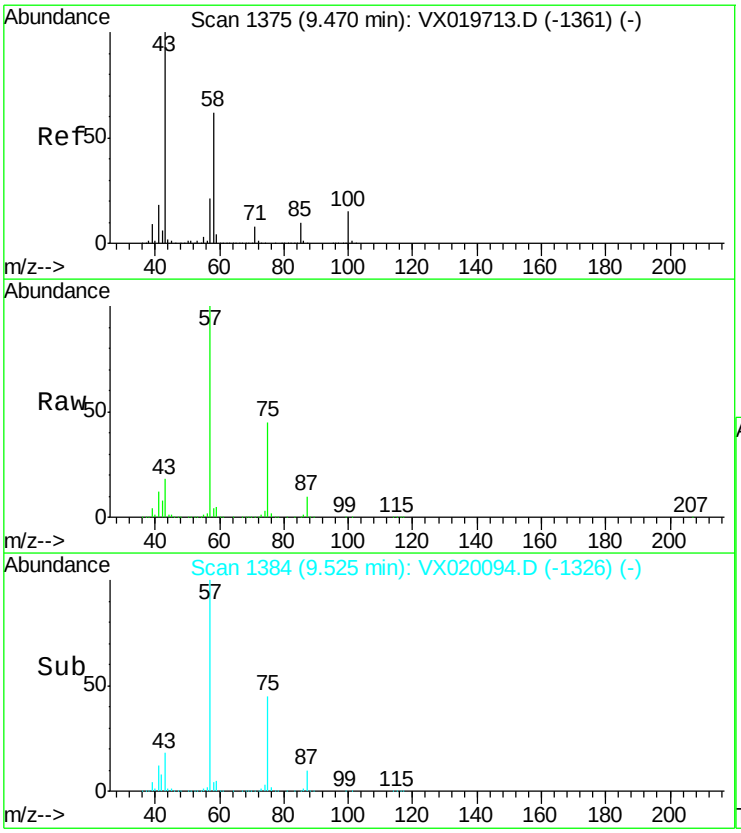
#57
1,3-Dichloropropane
Concen: 5.313 ug/l
RT: 9.52 min Scan# 1384
Delta R.T. 0.18 min
Lab File: VX020094.D
Acq: 17 Dec 2020 03:11

Instrument :
MSVOA_X
ClientSampleId :
PB133632TB

Tgt Ion: 76 Resp: 31184

Ion	Ratio	Lower	Upper
76	100		
78	0.5	26.2	39.2#

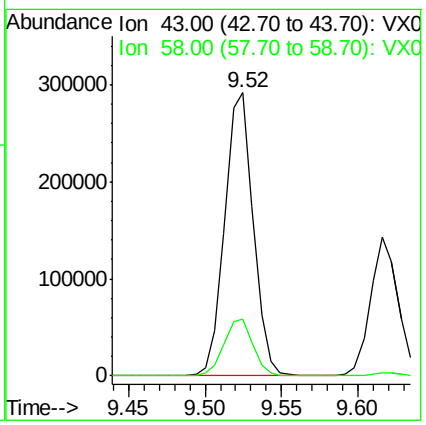


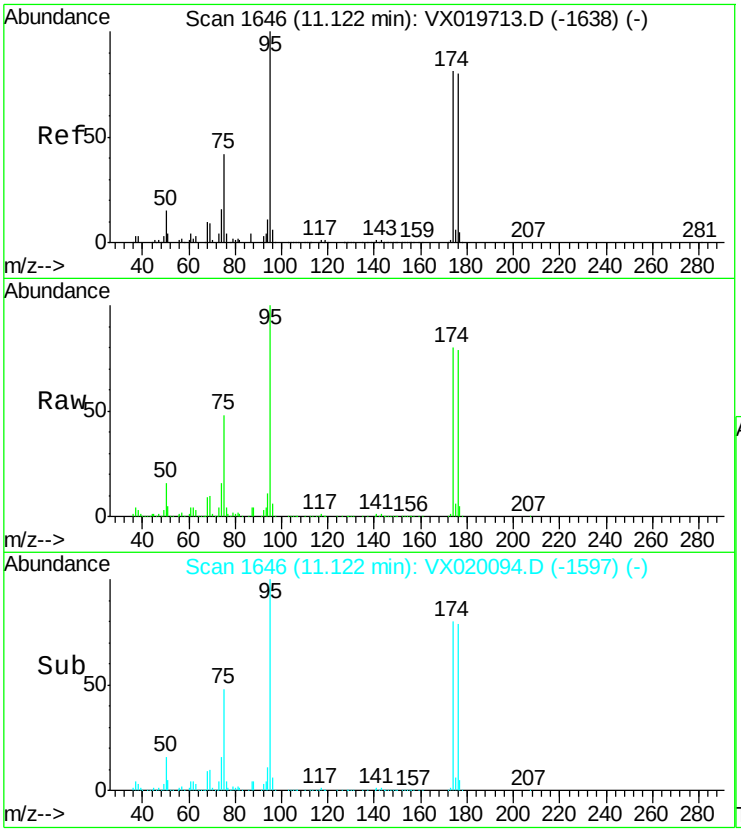


#59
2-Hexanone
Concen: 108.299 ug/l
RT: 9.52 min Scan# 1384
Delta R.T. 0.05 min
Lab File: VX020094.D
Acq: 17 Dec 2020 03:11

Tgt Ion: 43 Resp: 375606

Ion	Ratio	Lower	Upper
43	100		
58	20.6	30.9	92.8#



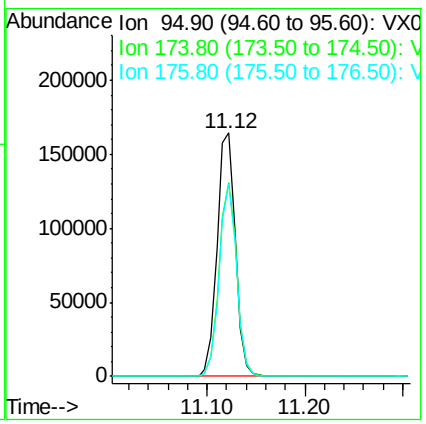


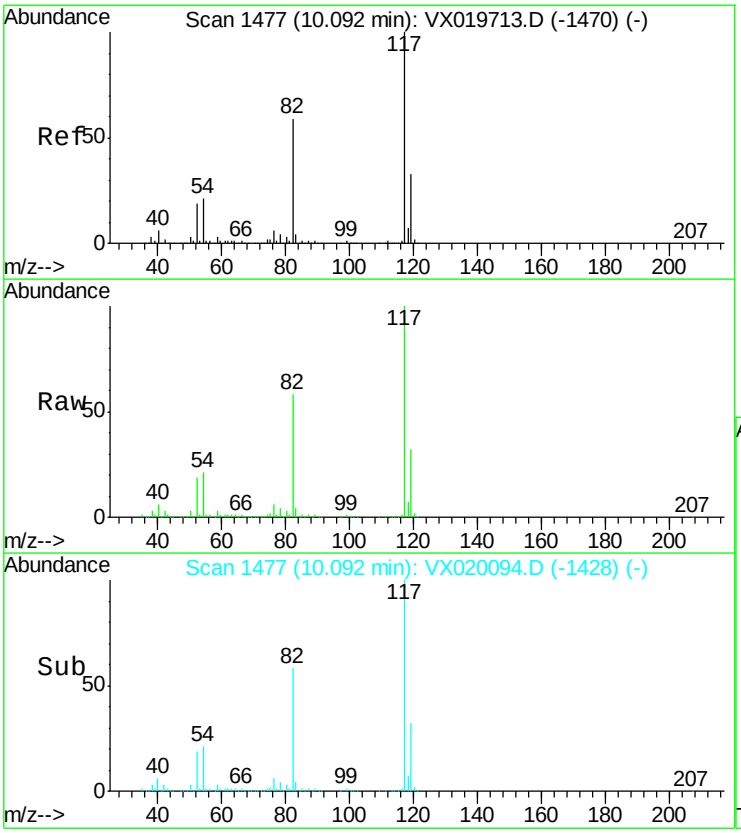
#62
4-Bromofluorobenzene
Concen: 45.848 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX020094.D
Acq: 17 Dec 2020 03:11

Instrument :
MSVOA_X
ClientSampleId :
PB133632TB

Tgt Ion: 95 Resp: 212728

Ion	Ratio	Lower	Upper
95	100		
174	77.2	0.0	154.6
176	75.1	0.0	155.8

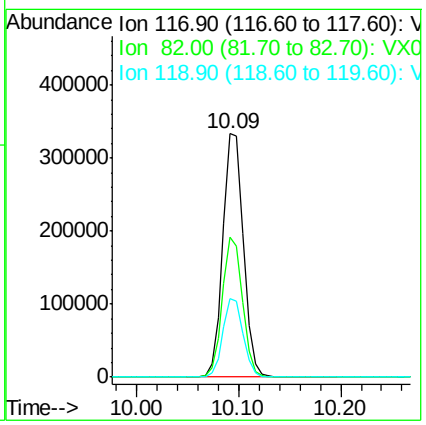


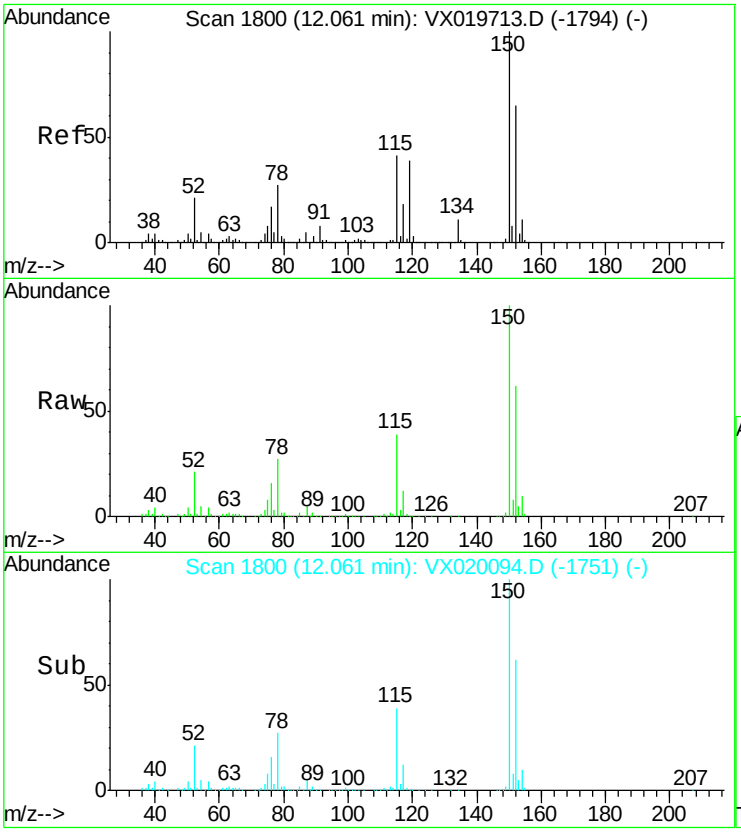


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.09 min Scan# 1477
Delta R.T. -0.00 min
Lab File: VX020094.D
Acq: 17 Dec 2020 03:11

Tgt Ion:117 Resp: 465577

Ion	Ratio	Lower	Upper
117	100		
82	57.7	47.4	71.2
119	32.1	26.6	39.8



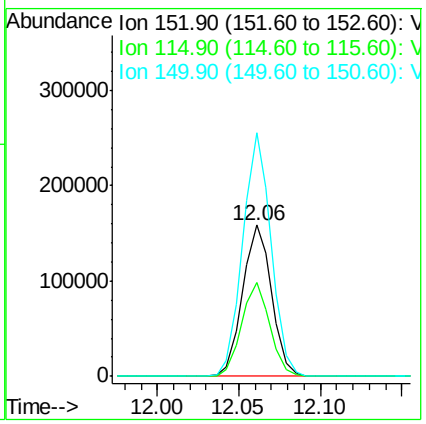


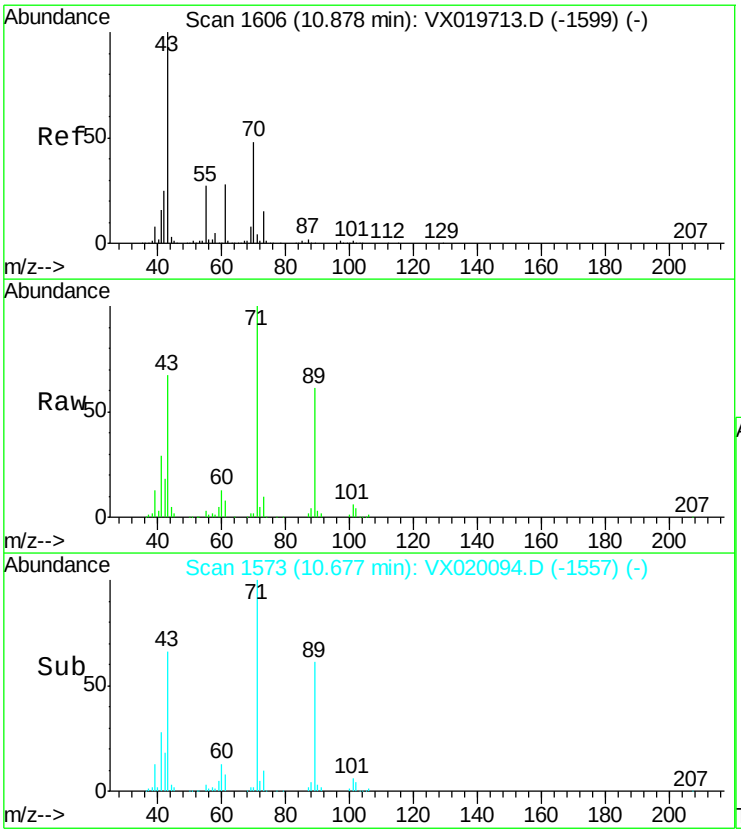
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX020094.D
Acq: 17 Dec 2020 03:11

Instrument :
MSVOA_X
ClientSampleId :
PB133632TB

Tgt Ion:152 Resp: 196413

Ion	Ratio	Lower	Upper
152	100		
115	60.6	41.1	123.3
150	157.7	0.0	349.0

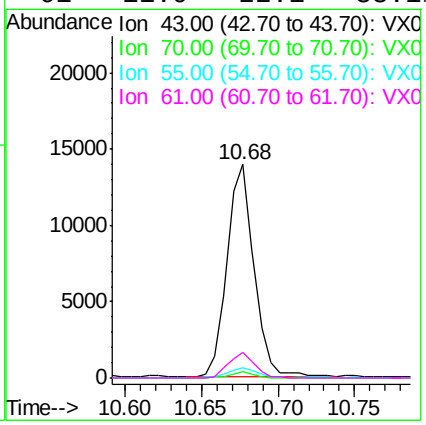


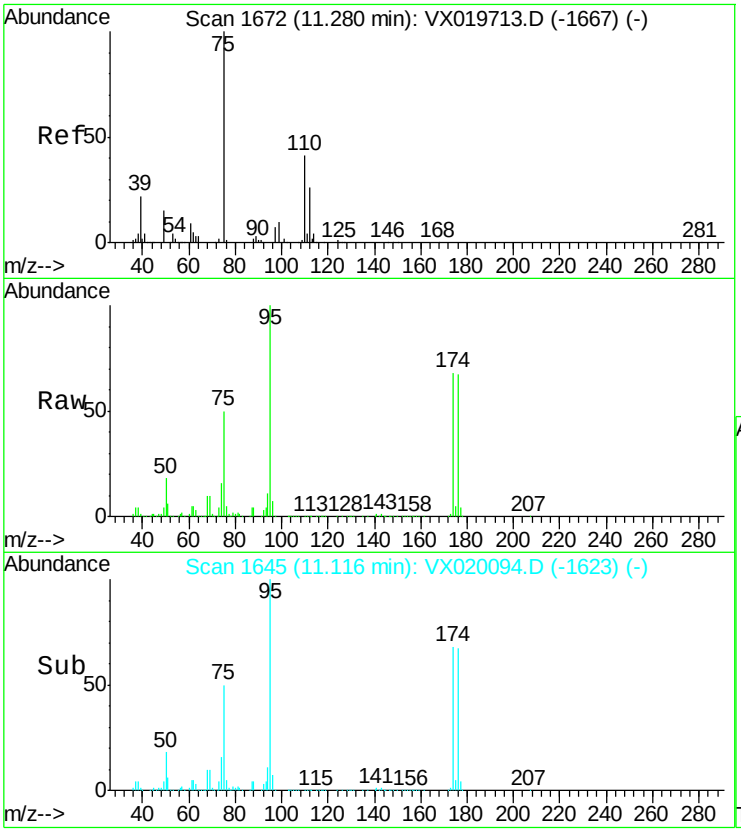


#74
N-amyl acetate
Concen: 3.124 ug/l
RT: 10.68 min Scan# 1573
Delta R.T. -0.20 min
Lab File: VX020094.D
Acq: 17 Dec 2020 03:11

Tgt Ion: 43 Resp: 16800

Ion	Ratio	Lower	Upper
43	100		
70	2.5	39.0	58.6#
55	5.6	21.5	32.3#
61	11.9	22.1	33.1#



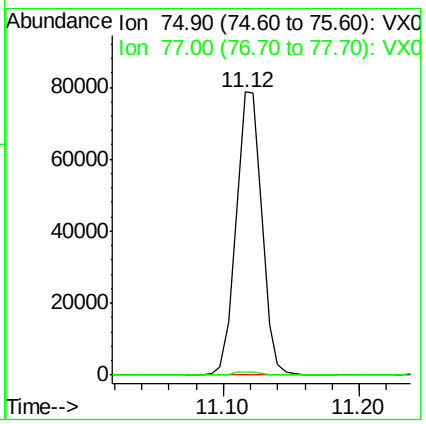


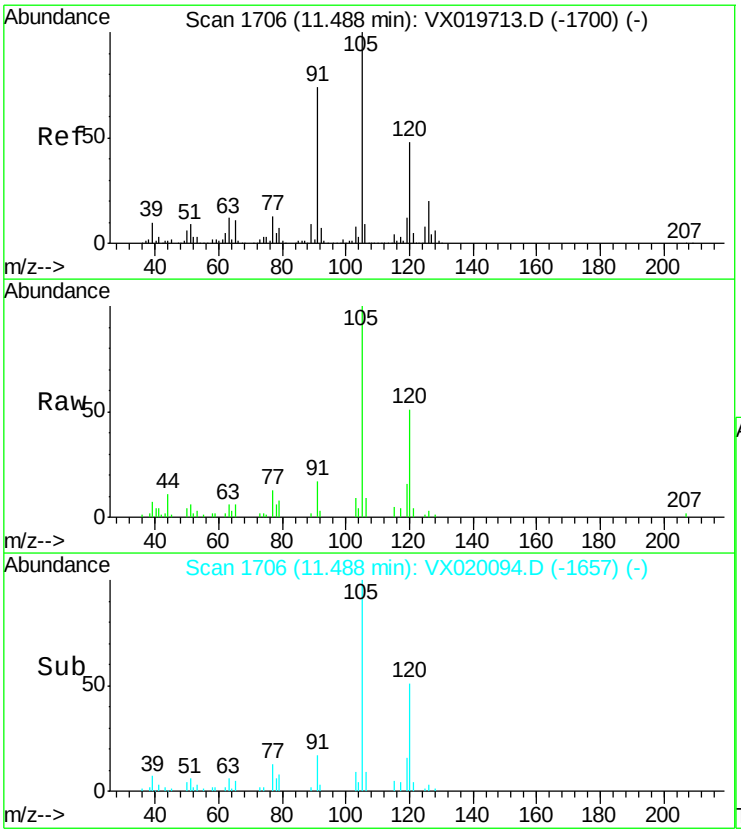
#76
1,2,3-Trichloropropane
Concen: 23.413 ug/l
RT: 11.12 min Scan# 1645
Delta R.T. -0.16 min
Lab File: VX020094.D
Acq: 17 Dec 2020 03:11

Instrument :
MSVOA_X
ClientSampleId :
PB133632TB

Tgt Ion: 75 Resp: 103138

Ion	Ratio	Lower	Upper
75	100		
77	1.2	19.1	57.5#

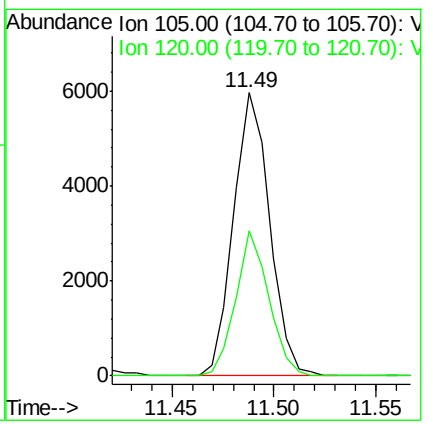


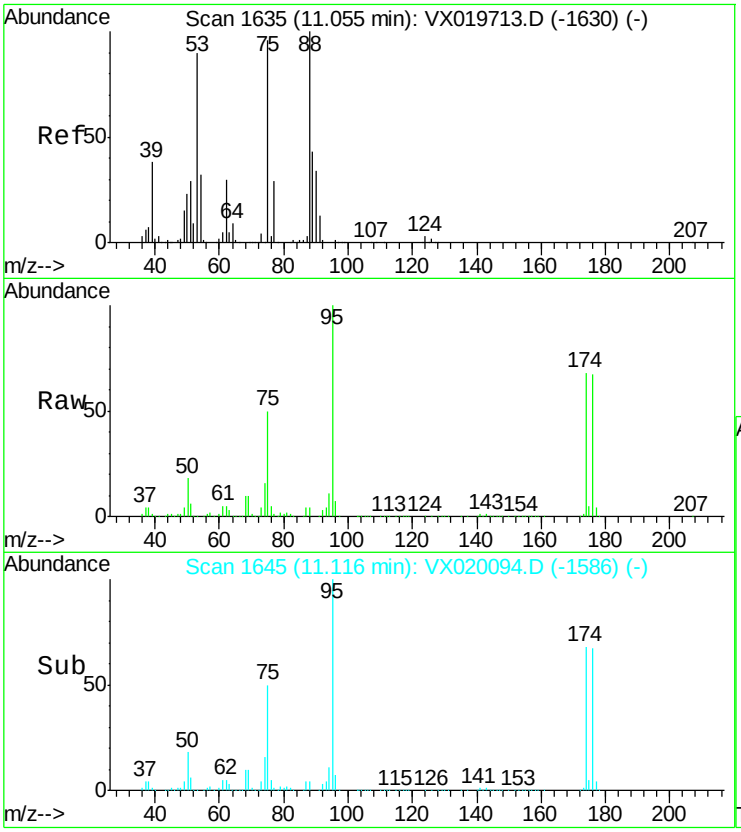


#80
1,3,5-Trimethylbenzene
Concen: 0.646 ug/l
RT: 11.49 min Scan# 1706
Delta R.T. -0.00 min
Lab File: VX020094.D
Acq: 17 Dec 2020 03:11

Tgt Ion:105 Resp: 7317

Ion	Ratio	Lower	Upper
105	100		
120	46.9	23.8	71.5



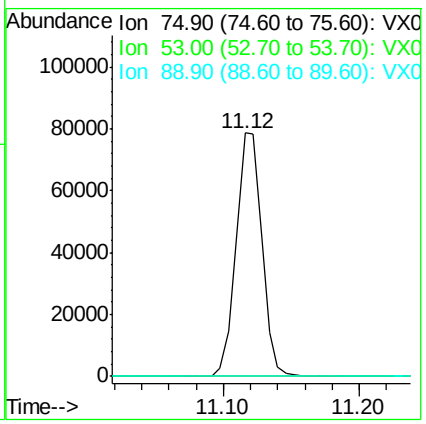


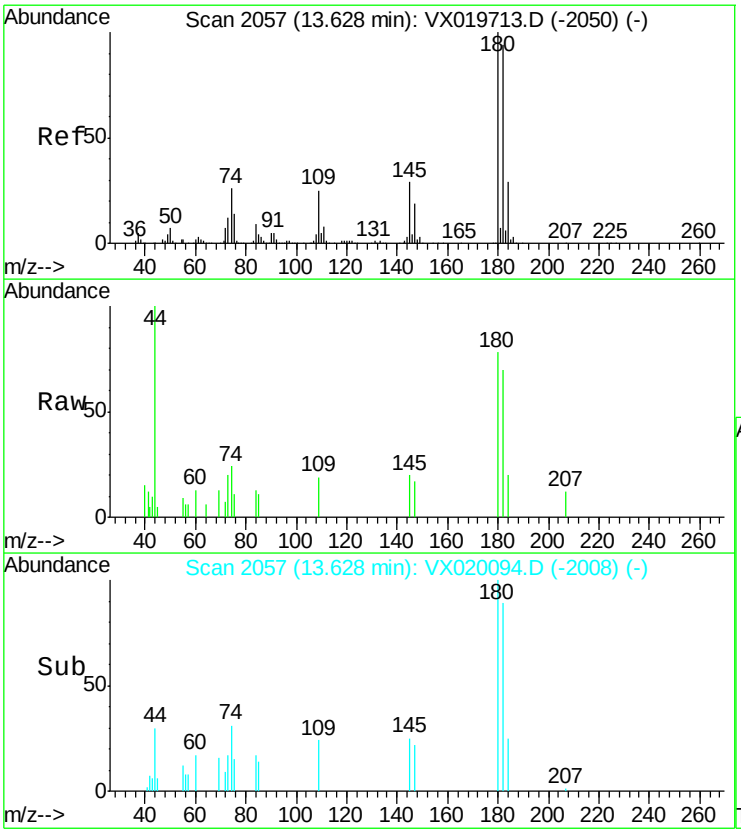
#81
trans-1,4-Dichloro-2-butene
Concen: 67.682 ug/l
RT: 11.12 min Scan# 1645
Delta R.T. 0.06 min
Lab File: VX020094.D
Acq: 17 Dec 2020 03:11

Instrument :
MSVOA_X
ClientSampleId :
PB133632TB

Tgt Ion: 75 Resp: 103138

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

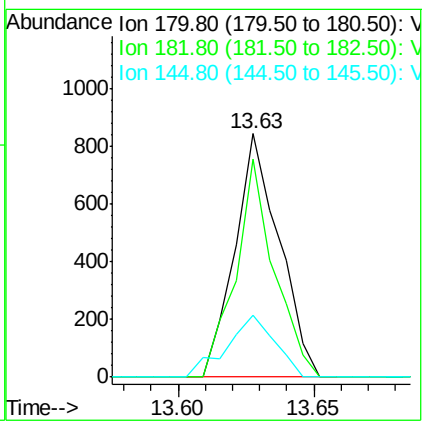


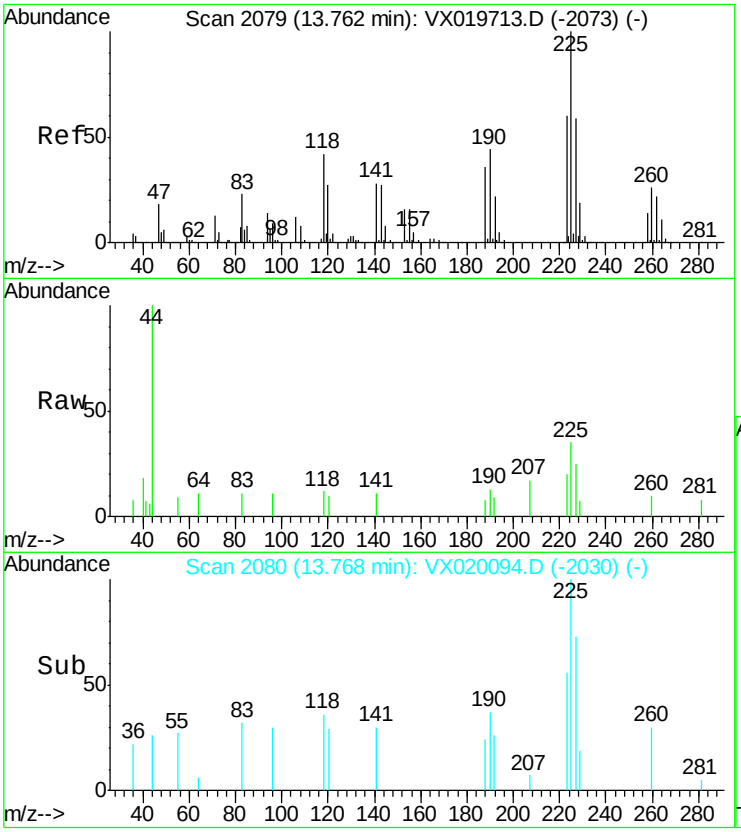


#93
1,2,4-Trichlorobenzene
Concen: 0.238 ug/l
RT: 13.63 min Scan# 2057
Delta R.T. -0.00 min
Lab File: VX020094.D
Acq: 17 Dec 2020 03:11

Tgt Ion:180 Resp: 950

Ion	Ratio	Lower	Upper
180	100		
182	78.0	47.7	143.1
145	27.6	15.0	45.0



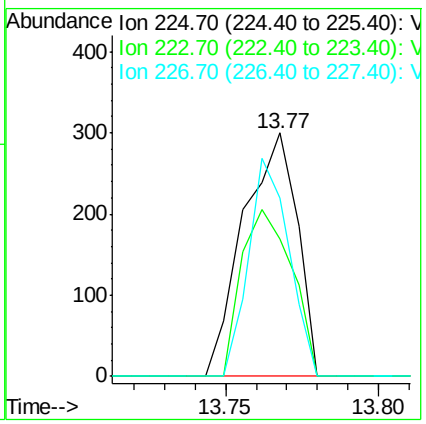


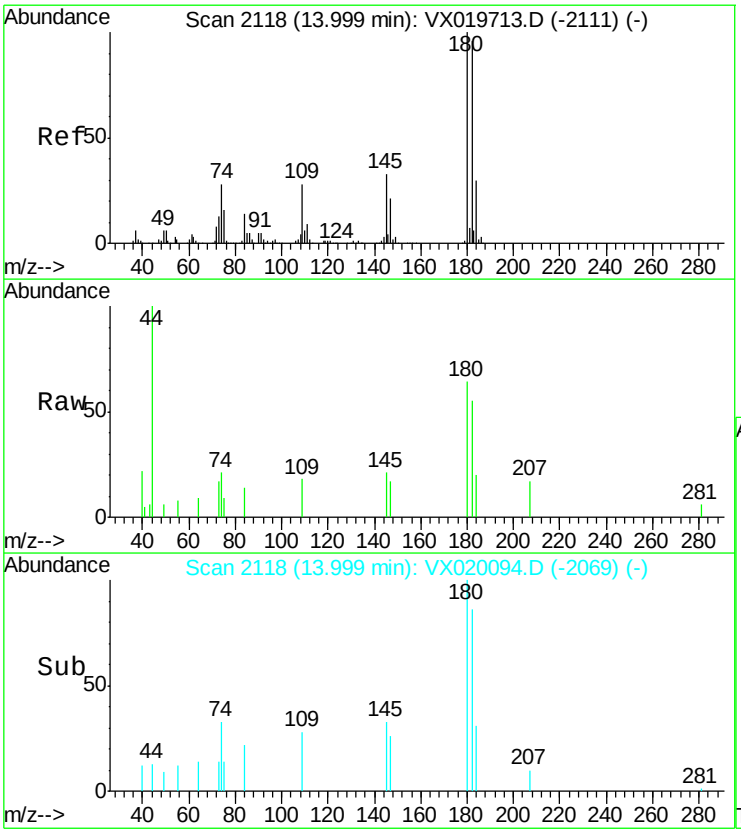
#94
Hexachlorobutadiene
Concen: 0.204 ug/l
RT: 13.77 min Scan# 2080
Delta R.T. 0.01 min
Lab File: VX020094.D
Acq: 17 Dec 2020 03:11

Instrument :
MSVOA_X
ClientSampleId :
PB133632TB

Tgt Ion:225 Resp: 365

Ion	Ratio	Lower	Upper
225	100		
223	64.1	31.1	93.2
227	67.1	31.6	95.0





#96
1,2,3-Trichlorobenzene
Concen: 0.201 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VX020094.D
Acq: 17 Dec 2020 03:11

Tgt Ion:180 Resp: 787

Ion	Ratio	Lower	Upper
180	100		
182	96.6	47.6	142.9
145	25.7	16.1	48.3