Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072619\
Data File : VX011124.D
Acq On : 27 Jul 2019 05:27
Operator : JC/SP
Sample : K3620-16
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 50 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : CL-02-072519-C

Quant Time: Jul 29 01:39:32 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
Quant Title : SW846 8260
QLast Update : Wed Jul 24 05:39:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.67	168	194711	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.86	114	313694	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.11	117	306236	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	142881	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.06	65	106624	51.47	ug/l		0.00
Spiked Amount 50.000			Recovery = 102.94%				
35) Dibromofluoromethane	5.50	113	98548	49.49	ug/l		0.00
Spiked Amount 50.000			Recovery = 98.98%				
50) Toluene-d8	8.71	98	392294	52.53	ug/l		0.00
Spiked Amount 50.000			Recovery = 105.06%				
62) 4-Bromofluorobenzene	11.13	95	137900	50.24	ug/l		0.00
Spiked Amount 50.000			Recovery = 100.48%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.20	85	45	0.568	ug/l	#	43
6) Chloroethane	1.79	64	312	0.269	ug/l	#	66
8) Diethyl Ether	2.19	74	324	0.304	ug/l	#	47
11) Tert butyl alcohol	3.05	59	1216	2.521	ug/l	#	88
16) Acetone	2.44	43	9892	10.573	ug/l		93
18) Methyl Acetate	2.78	43	1144	0.537	ug/l		90
20) Methylene Chloride	2.86	84	6440	3.248	ug/l		97
25) 2-Butanone	4.68	43	4435	3.302	ug/l		98
36) 1,1-Dichloropropene	5.66	75	12902	5.007	ug/l	#	49
38) Carbon Tetrachloride	5.66	117	18061	6.727	ug/l	#	17
43) Isopropyl Acetate	6.45	43	10274	2.368	ug/l		97
48) Methyl methacrylate	7.68	41	4851	2.295	ug/l	#	10
49) 1,4-Dioxane	7.77	88	24	0.406	ug/l	#	1
51) 4-Methyl-2-Pentanone	8.61	43	53076	18.872	ug/l	#	49
54) cis-1,3-Dichloropropene	8.62	75	27415	8.967	ug/l	#	61
57) 1,3-Dichloropropane	9.54	76	6333	1.870	ug/l	#	43
59) 2-Hexanone	9.44	43	7538	3.456	ug/l	#	23
60) Dibromochloromethane	9.57	129	73	2.556	ug/l	#	41
76) 1,2,3-Trichloropropane	11.13	75	68849	26.703	ug/l	#	35
80) 1,3,5-Trimethylbenzene	11.51	105	1662	0.206	ug/l		98
81) trans-1,4-Dichloro-2-buten	11.13	75	68849	66.247	ug/l	#	11
95) Naphthalene	13.83	128	5711	0.623	ug/l		96

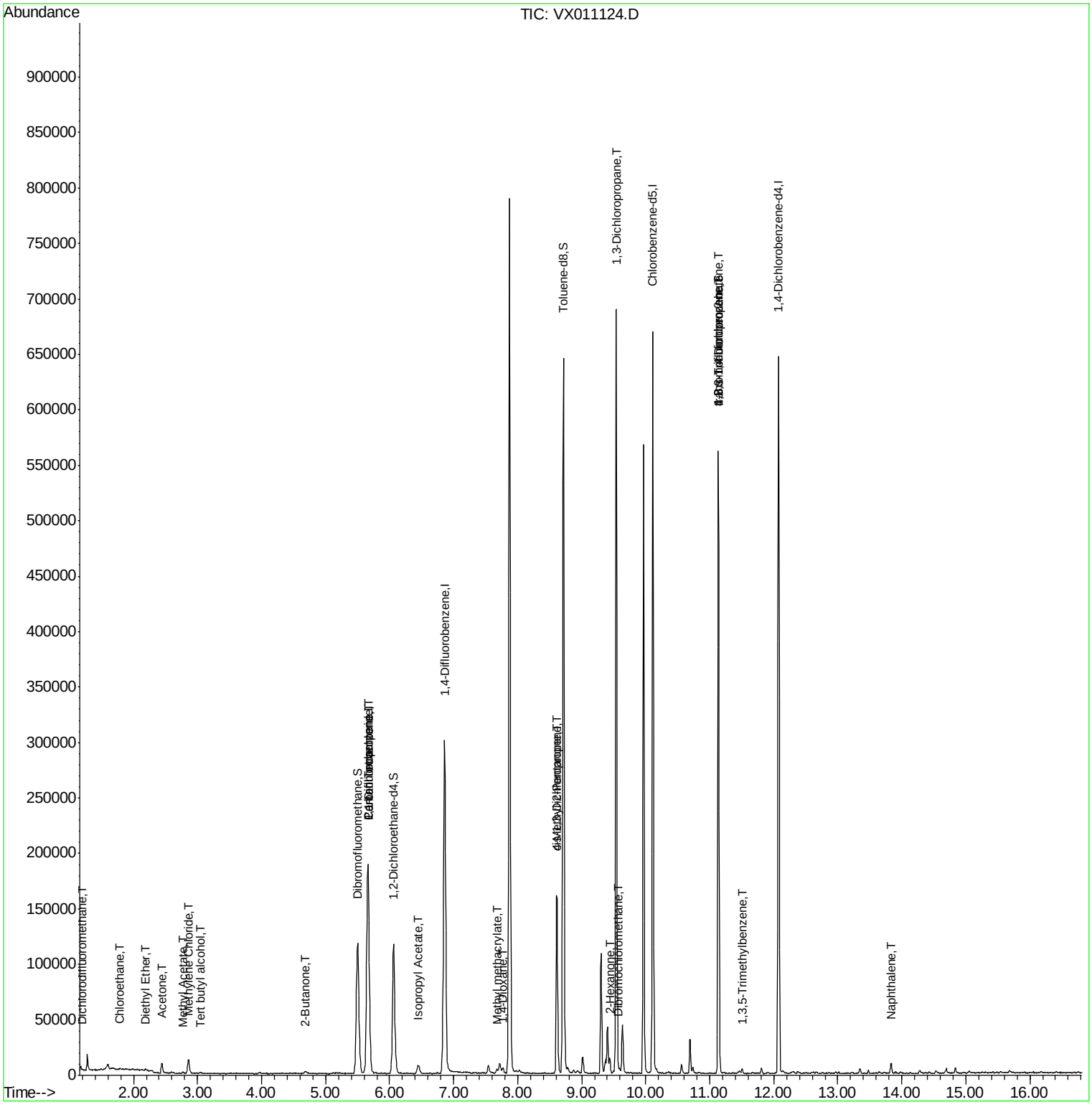
(#) = qualifier out of range (m) = manual integration (+) = signals summed

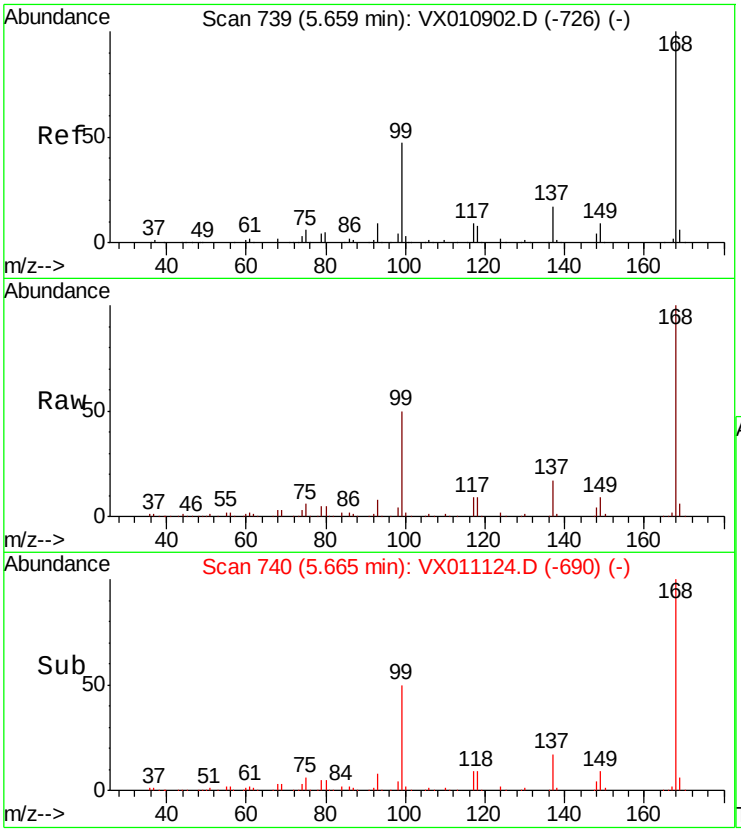
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072619\
Data File : VX011124.D
Acq On : 27 Jul 2019 05:27
Operator : JC/SP
Sample : K3620-16
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 50 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : CL-02-072519-C

Quant Time: Jul 29 01:39:32 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
Quant Title : SW846 8260
QLast Update : Wed Jul 24 05:39:23 2019
Response via : Initial Calibration



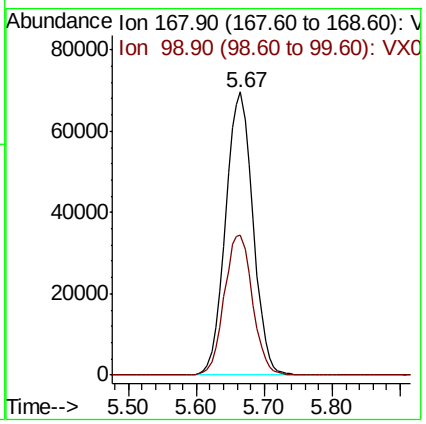


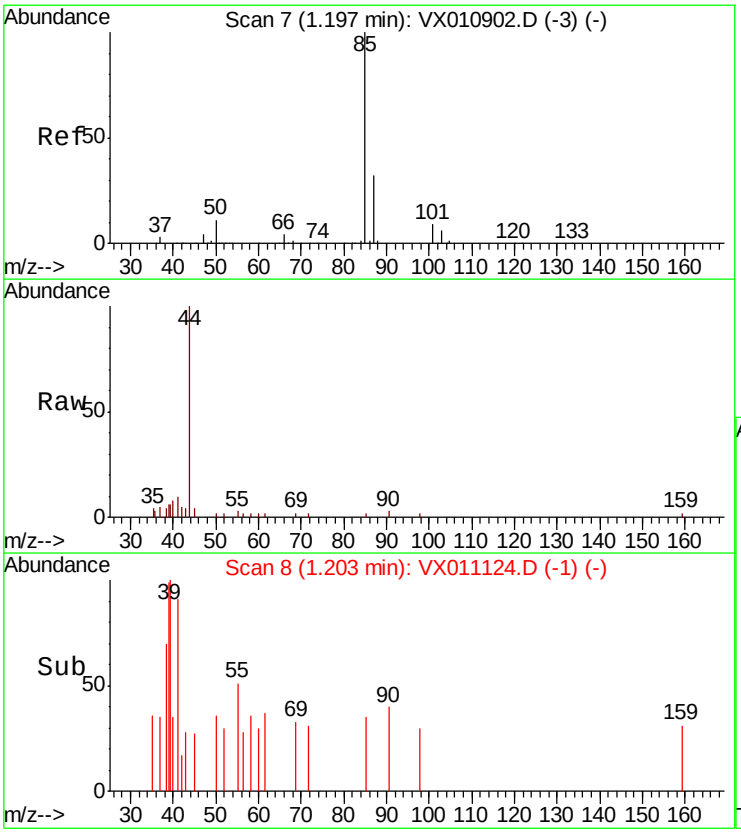
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.01 min
Lab File: VX011124.D
Acq: 27 Jul 2019 05:27

Instrument :
MSVOA_X
ClientSampleId :
CL-02-072519-C

Tgt Ion:168 Resp: 194711

Ion	Ratio	Lower	Upper
168	100		
99	49.5	37.6	56.4

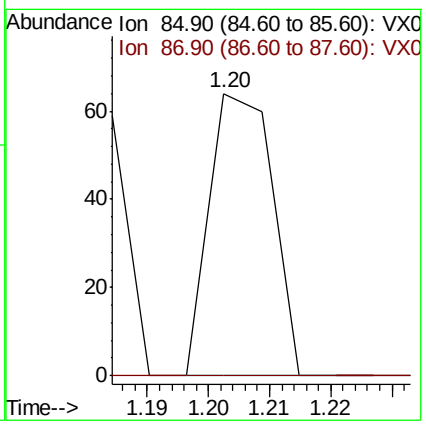


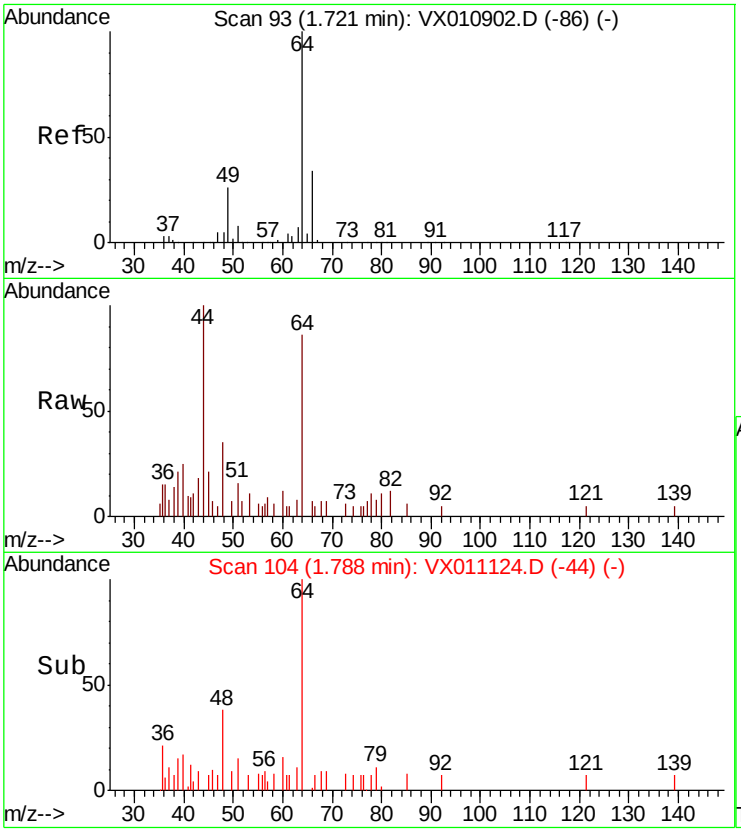


#2
Dichlorodifluoromethane
Concen: 0.568 ug/l
RT: 1.20 min Scan# 8
Delta R.T. 0.01 min
Lab File: VX011124.D
Acq: 27 Jul 2019 05:27

Tgt Ion: 85 Resp: 45

Ion	Ratio	Lower	Upper
85	100		
87	0.0	15.9	47.7#



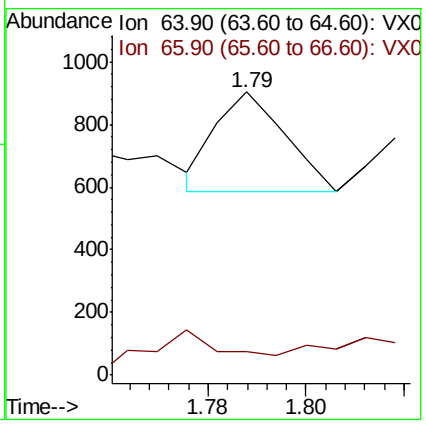


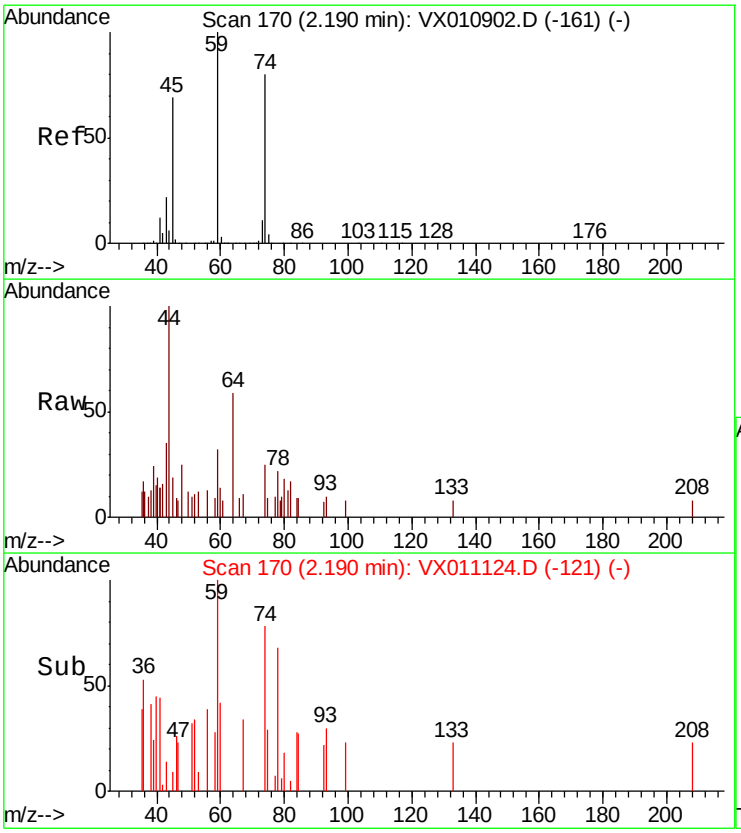
#6
Chloroethane
Concen: 0.269 ug/l
RT: 1.79 min Scan# 104
Delta R.T. 0.07 min
Lab File: VX011124.D
Acq: 27 Jul 2019 05:27

Instrument :
MSVOA_X
ClientSampleId :
CL-02-072519-C

Tgt Ion: 64 Resp: 312

Ion	Ratio	Lower	Upper
64	100		
66	14.2	27.0	40.6#

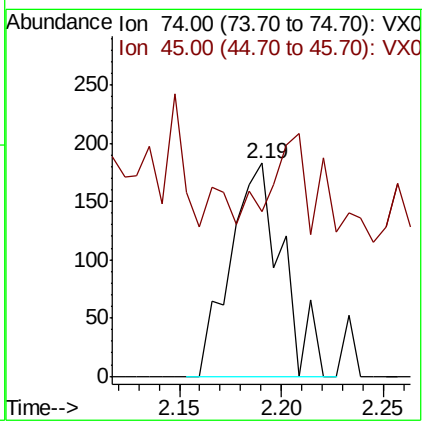


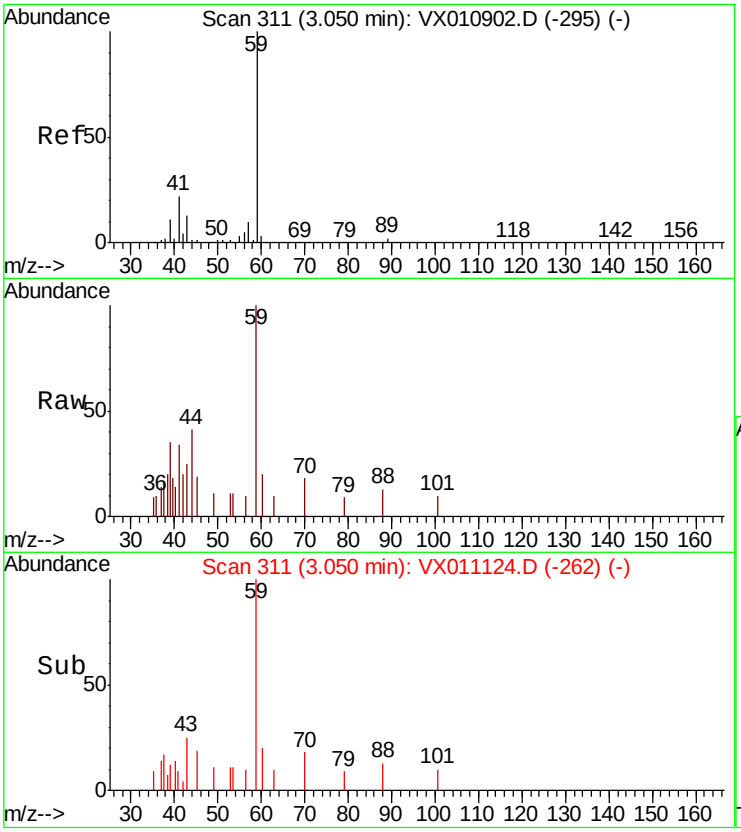


#8
Diethyl Ether
Concen: 0.304 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX011124.D
Acq: 27 Jul 2019 05:27

Tgt Ion: 74 Resp: 324

Ion	Ratio	Lower	Upper
74	100		
45	40.7	45.5	136.5#



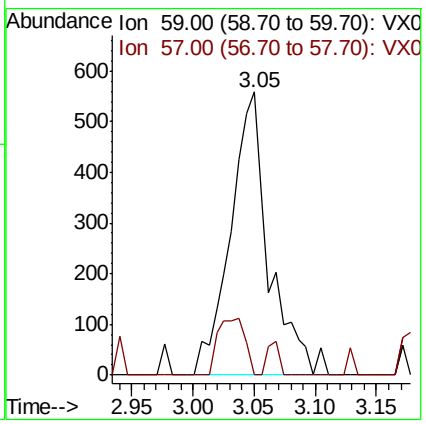


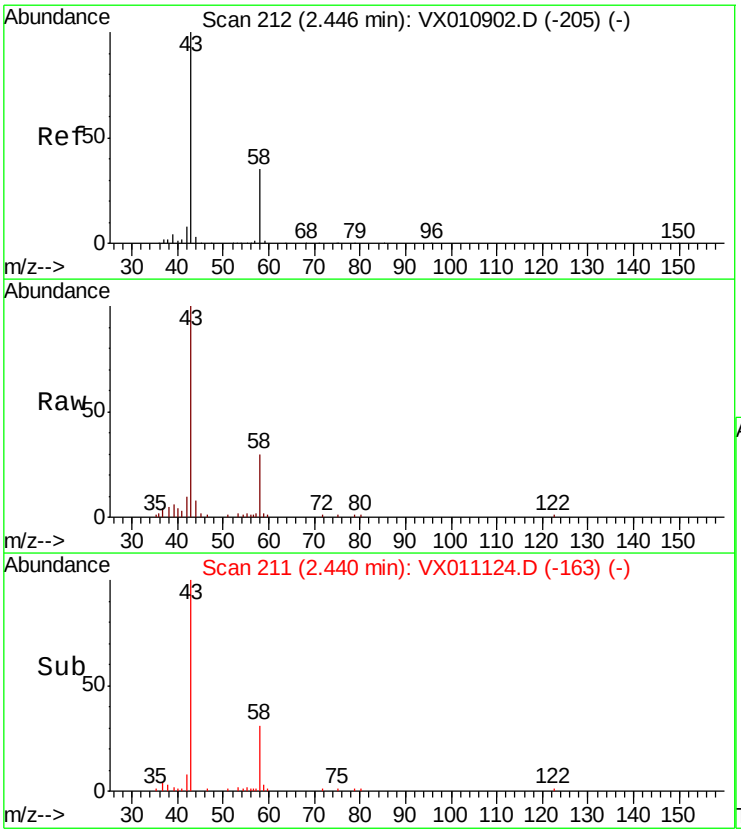
#11
Tert butyl alcohol
Concen: 2.521 ug/l
RT: 3.05 min Scan# 311
Delta R.T. -0.00 min
Lab File: VX011124.D
Acq: 27 Jul 2019 05:27

Instrument :
MSVOA_X
ClientSampleId :
CL-02-072519-C

Tgt Ion: 59 Resp: 1216

Ion	Ratio	Lower	Upper
59	100		
57	14.2	7.9	11.9#

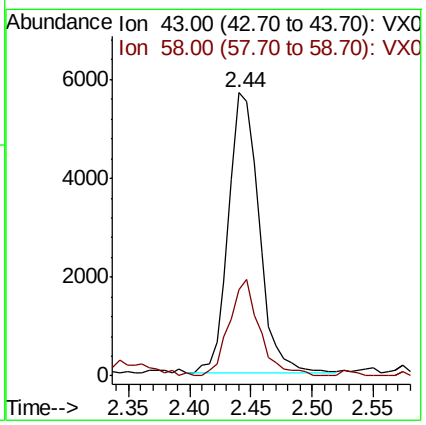


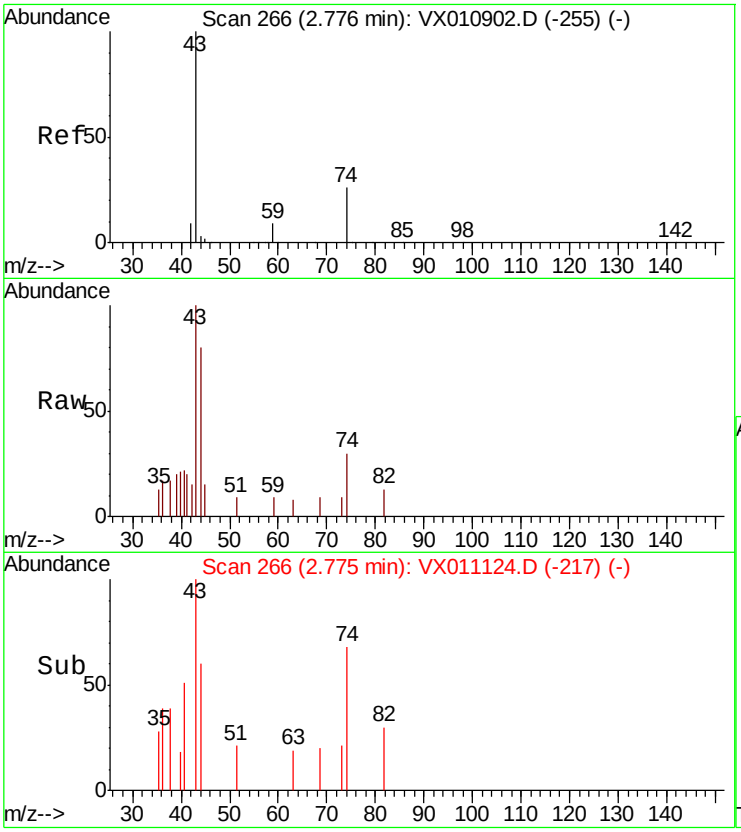


#16
Acetone
Concen: 10.573 ug/l
RT: 2.44 min Scan# 211
Delta R.T. -0.01 min
Lab File: VX011124.D
Acq: 27 Jul 2019 05:27

Tgt Ion: 43 Resp: 9892

Ion	Ratio	Lower	Upper
43	100		
58	30.5	27.7	41.5



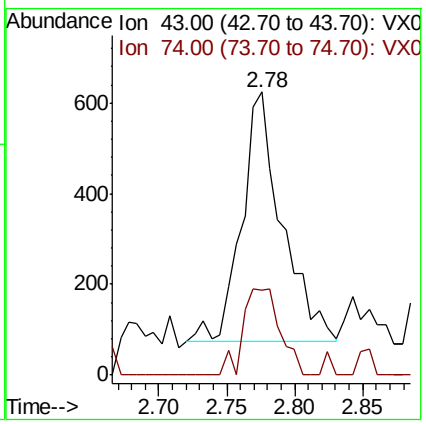


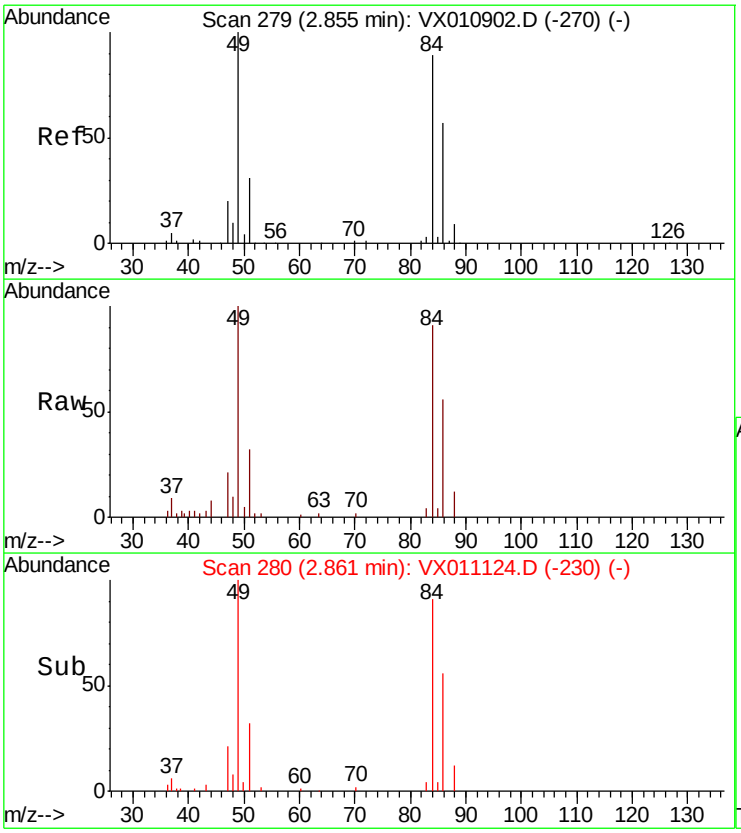
#18
Methyl Acetate
Concen: 0.537 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX011124.D
Acq: 27 Jul 2019 05:27

Instrument :
MSVOA_X
ClientSampleId :
CL-02-072519-C

Tgt Ion: 43 Resp: 1144

Ion	Ratio	Lower	Upper
43	100		
74	31.9	21.5	32.3

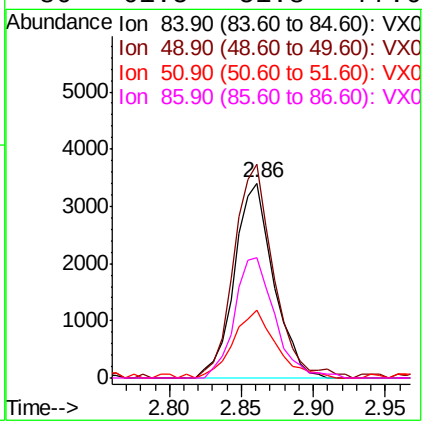


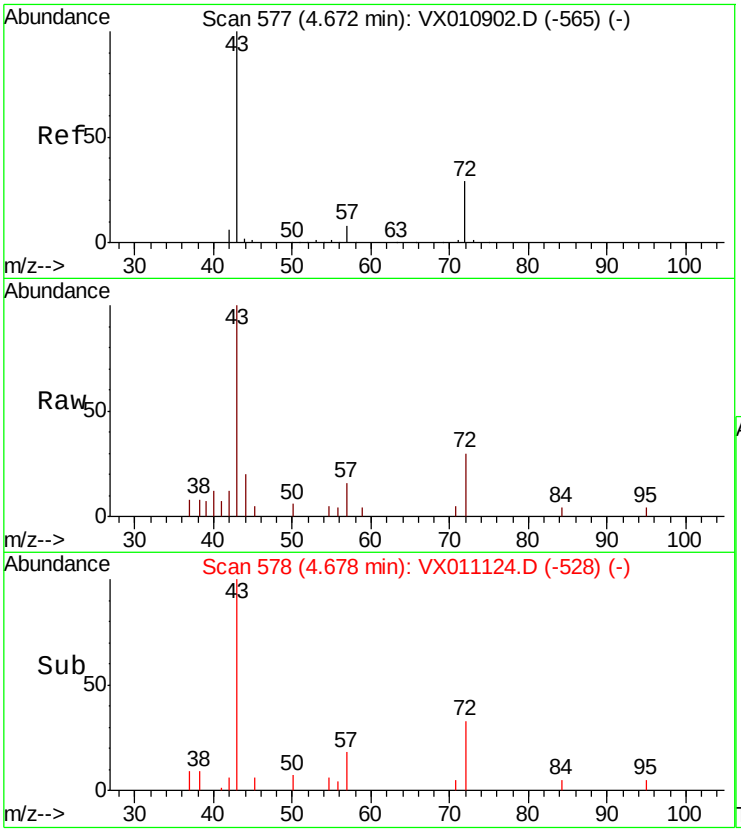


#20
Methylene Chloride
Concen: 3.248 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX011124.D
Acq: 27 Jul 2019 05:27

Tgt Ion: 84 Resp: 6440

Ion	Ratio	Lower	Upper
84	100		
49	109.5	89.9	134.9
51	34.8	27.8	41.6
86	61.5	51.8	77.6



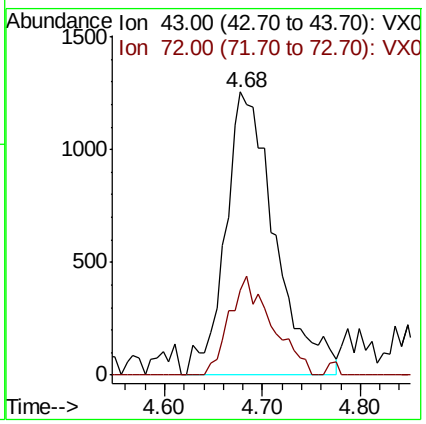


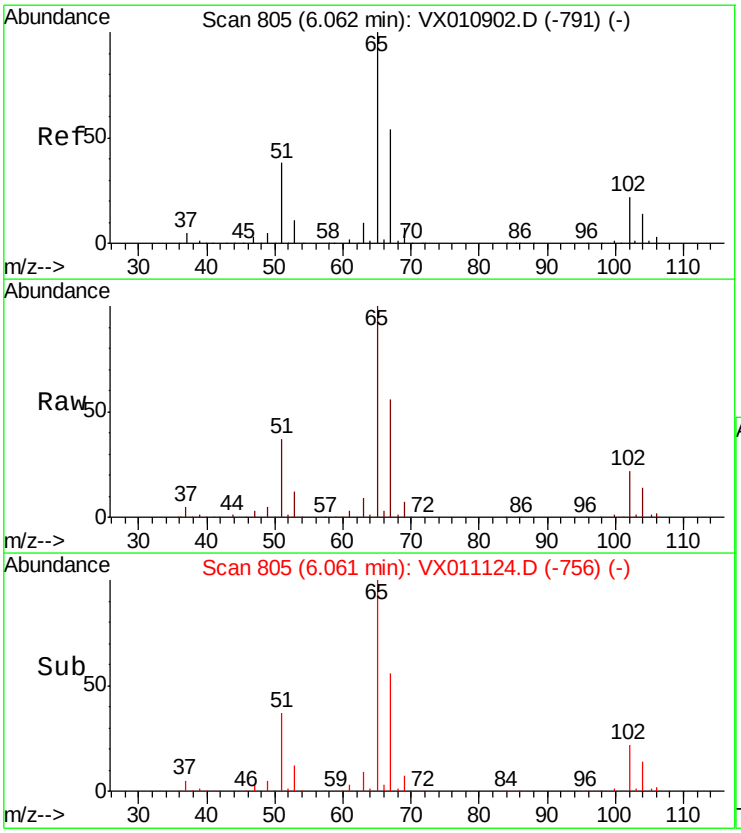
#25
2-Butanone
Concen: 3.302 ug/l
RT: 4.68 min Scan# 578
Delta R.T. 0.01 min
Lab File: VX011124.D
Acq: 27 Jul 2019 05:27

Instrument :
MSVOA_X
ClientSampleId :
CL-02-072519-C

Tgt Ion: 43 Resp: 4435

Ion	Ratio	Lower	Upper
43	100		
72	30.1	23.0	34.6

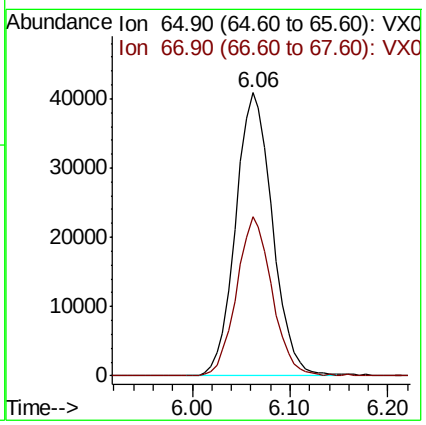


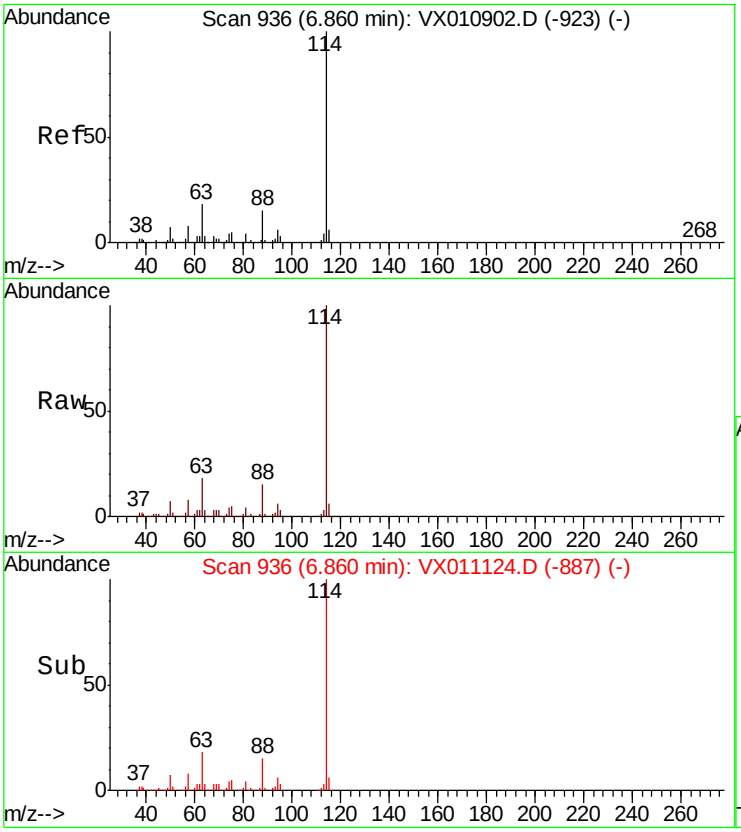


#33
1,2-Dichloroethane-d4
Concen: 51.474 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.00 min
Lab File: VX011124.D
Acq: 27 Jul 2019 05:27

Tgt Ion: 65 Resp: 106624

Ion	Ratio	Lower	Upper
65	100		
67	54.1	0.0	107.8



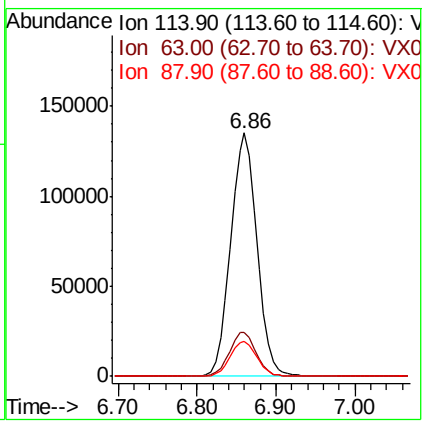


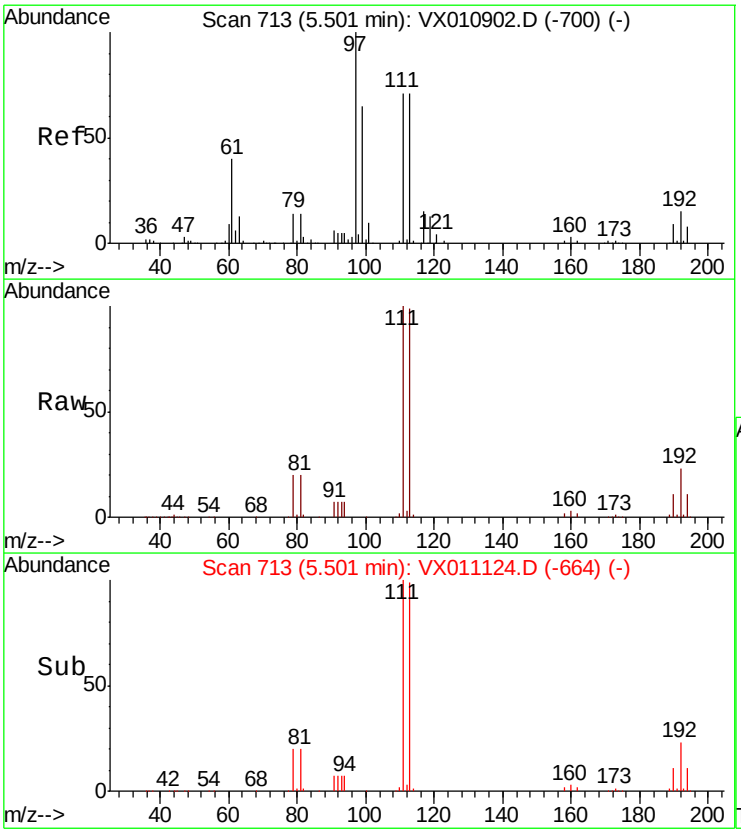
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX011124.D
Acq: 27 Jul 2019 05:27

Instrument :
MSVOA_X
ClientSampleId :
CL-02-072519-C

Tgt Ion:114 Resp: 313694

Ion	Ratio	Lower	Upper
114	100		
63	18.2	0.0	35.6
88	14.6	0.0	29.8

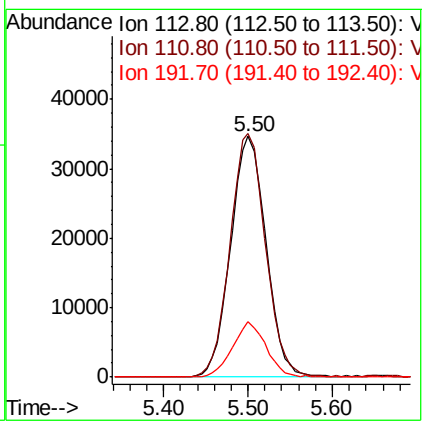


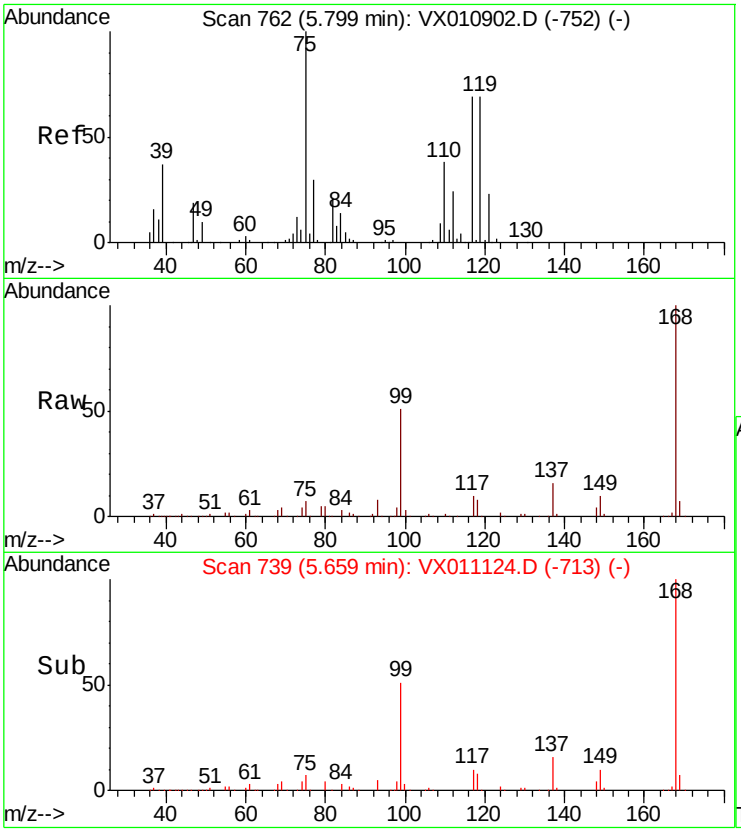


#35
Dibromofluoromethane
Concen: 49.495 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX011124.D
Acq: 27 Jul 2019 05:27

Tgt Ion:113 Resp: 98548

Ion	Ratio	Lower	Upper
113	100		
111	101.4	82.3	123.5
192	21.8	17.4	26.2



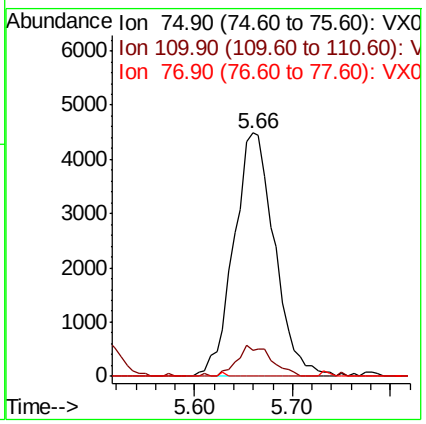


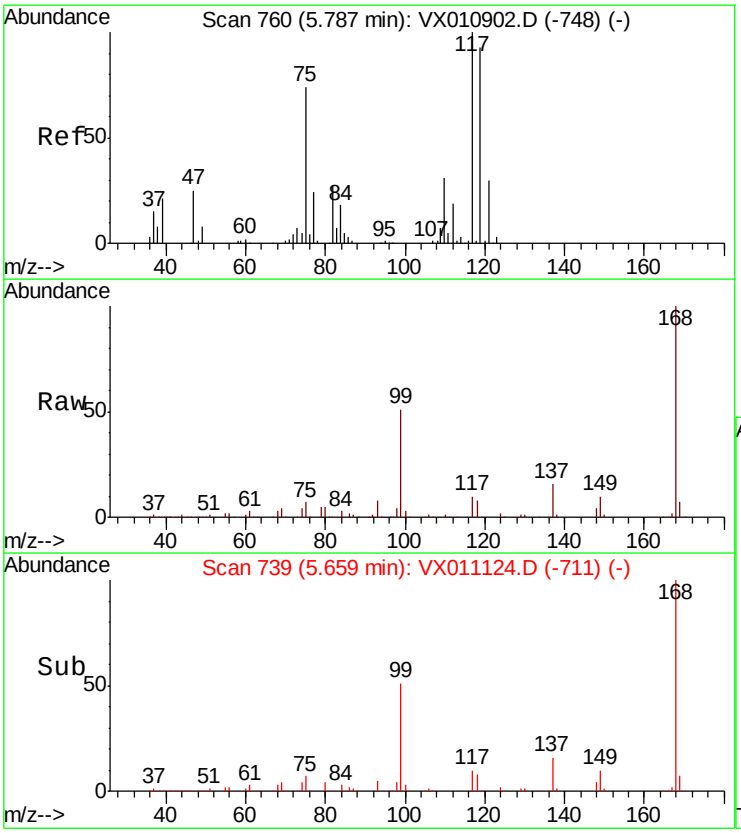
#36
1,1-Dichloropropene
Concen: 5.007 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.14 min
Lab File: VX011124.D
Acq: 27 Jul 2019 05:27

Instrument :
MSVOA_X
ClientSampleId :
CL-02-072519-C

Tgt Ion: 75 Resp: 12902

Ion	Ratio	Lower	Upper
75	100		
110	10.7	19.9	59.7#
77	0.0	25.0	37.4#

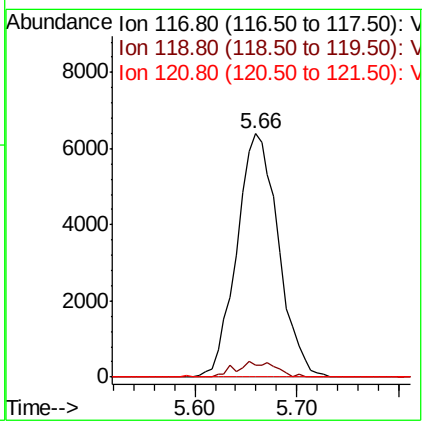


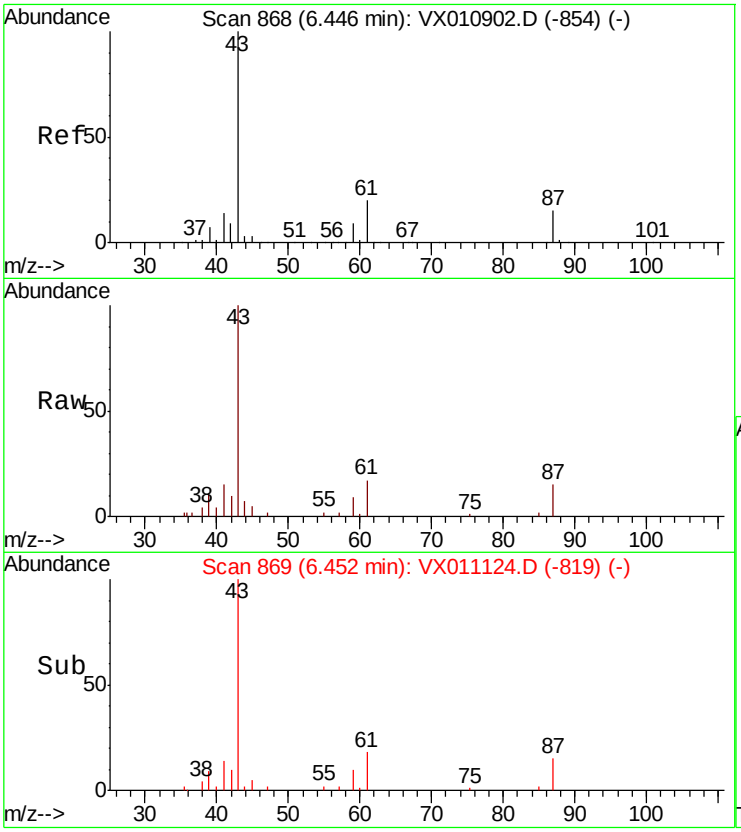


#38
Carbon Tetrachloride
Concen: 6.727 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.13 min
Lab File: VX011124.D
Acq: 27 Jul 2019 05:27

Tgt Ion:117 Resp: 18061

Ion	Ratio	Lower	Upper
117	100		
119	4.8	74.2	111.2#
121	0.0	24.2	36.2#



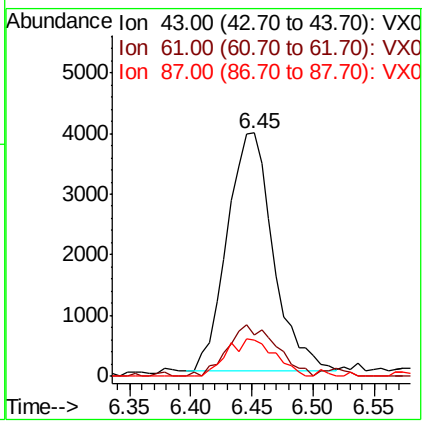


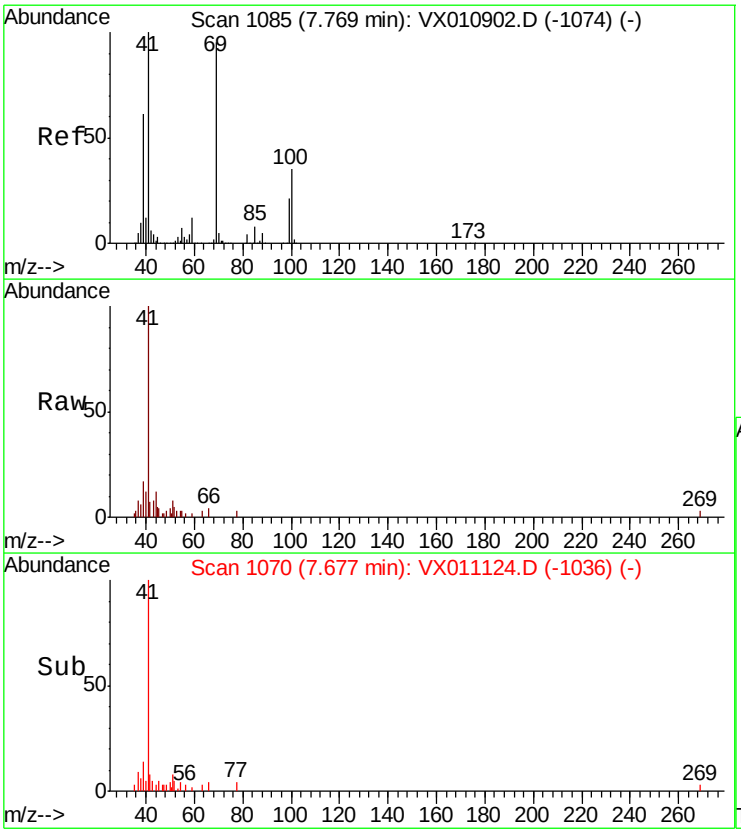
#43
Isopropyl Acetate
Concen: 2.368 ug/l
RT: 6.45 min Scan# 869
Delta R.T. 0.01 min
Lab File: VX011124.D
Acq: 27 Jul 2019 05:27

Instrument :
MSVOA_X
ClientSampleId :
CL-02-072519-C

Tgt Ion: 43 Resp: 10274

Ion	Ratio	Lower	Upper
43	100		
61	22.8	17.1	25.7
87	16.4	12.0	18.0

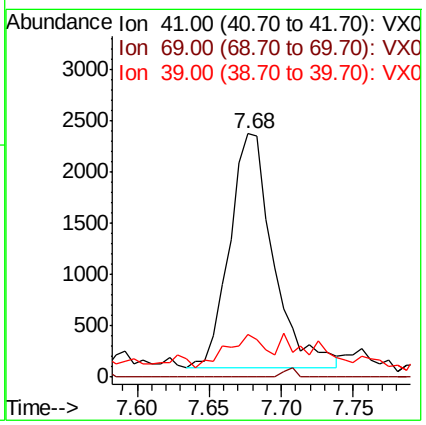


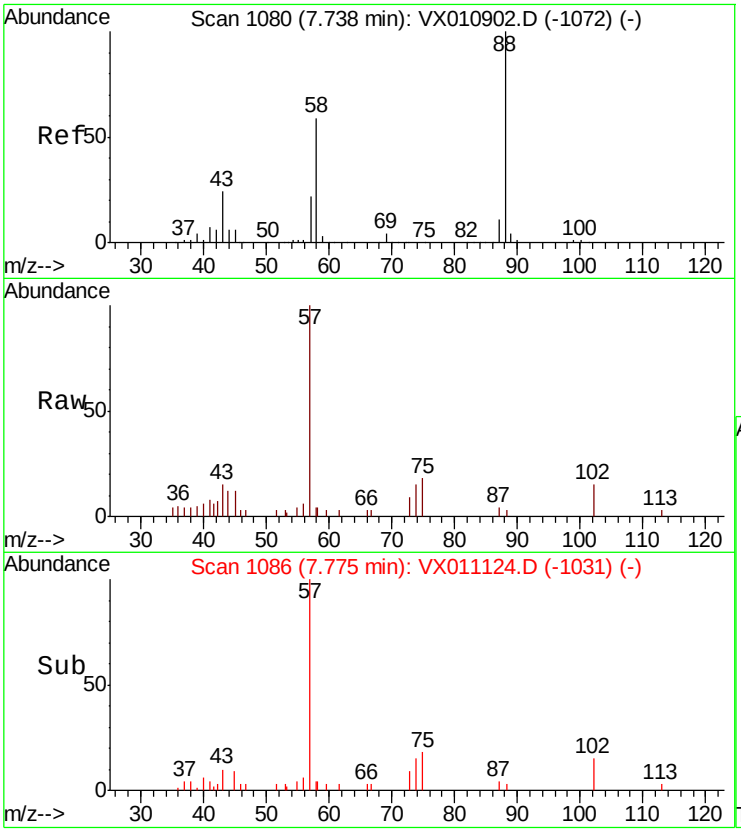


#48
Methyl methacrylate
Concen: 2.295 ug/l
RT: 7.68 min Scan# 1070
Delta R.T. -0.09 min
Lab File: VX011124.D
Acq: 27 Jul 2019 05:27

Tgt Ion: 41 Resp: 4851

Ion	Ratio	Lower	Upper
41	100		
69	0.0	74.4	111.6#
39	0.0	48.9	73.3#



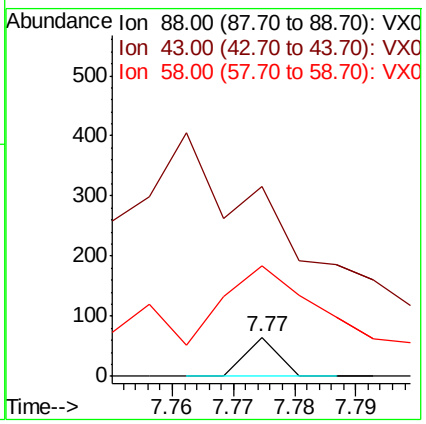


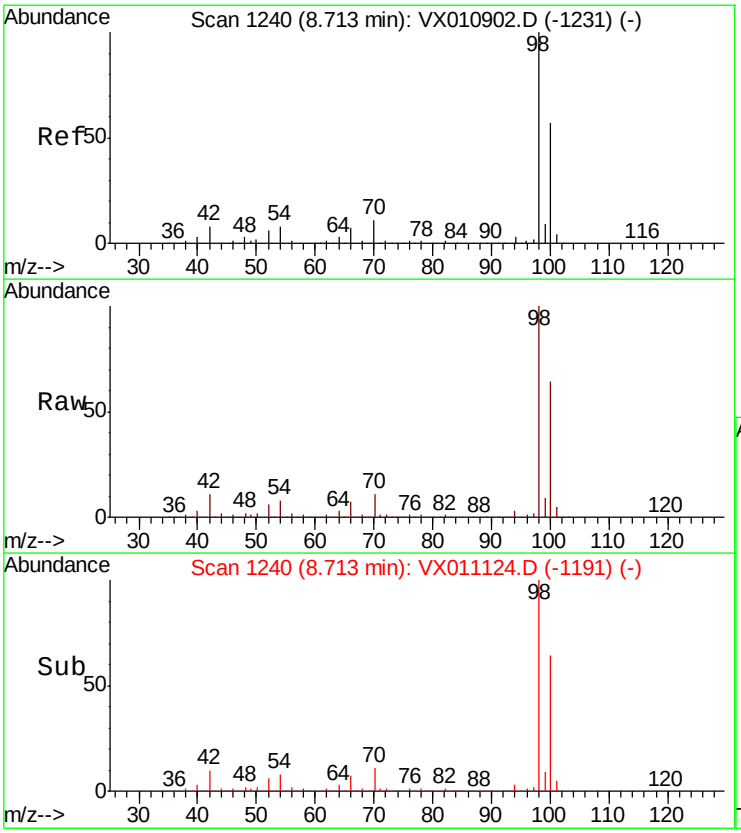
#49
1,4-Dioxane
Concen: 0.406 ug/l
RT: 7.77 min Scan# 1086
Delta R.T. 0.04 min
Lab File: VX011124.D
Acq: 27 Jul 2019 05:27

Instrument :
MSVOA_X
ClientSampleId :
CL-02-072519-C

Tgt Ion: 88 Resp: 24

Ion	Ratio	Lower	Upper
88	100		
43	0.0	22.9	34.3#
58	1279.2	49.8	74.8#

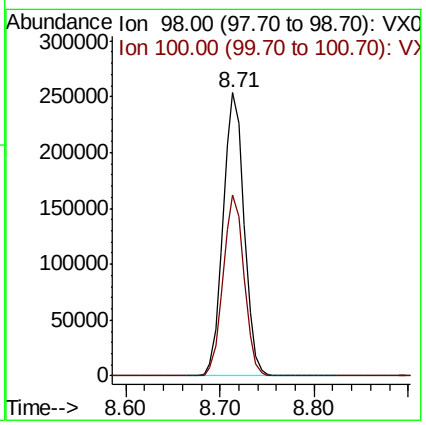


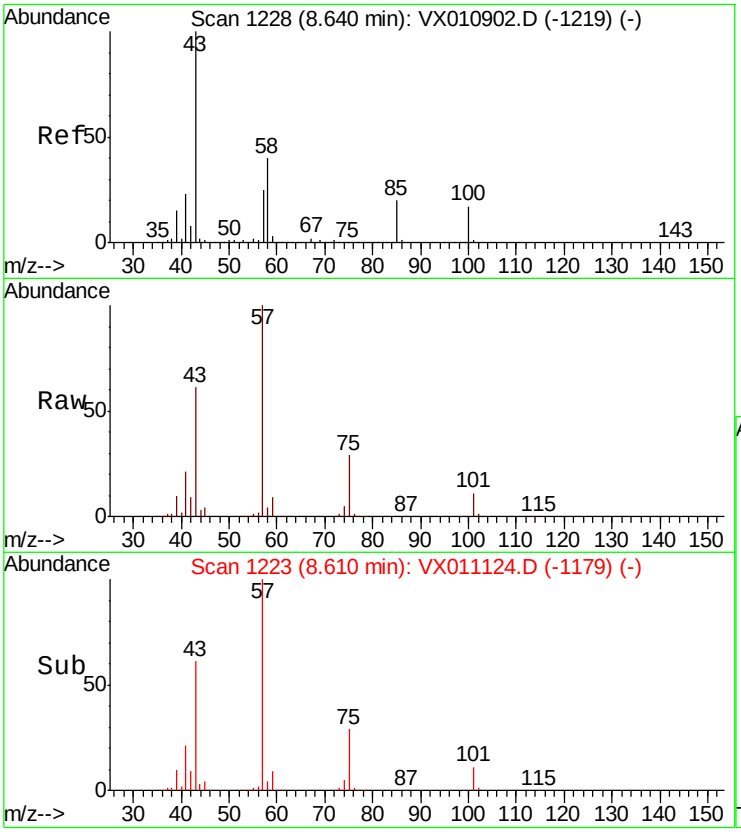


#50
Toluene-d8
Concen: 52.531 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX011124.D
Acq: 27 Jul 2019 05:27

Tgt Ion: 98 Resp: 392294

Ion	Ratio	Lower	Upper
98	100		
100	63.6	50.6	75.8



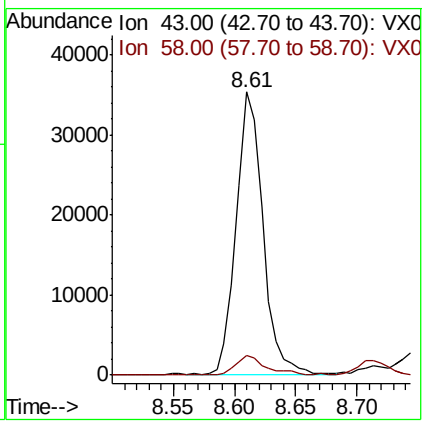


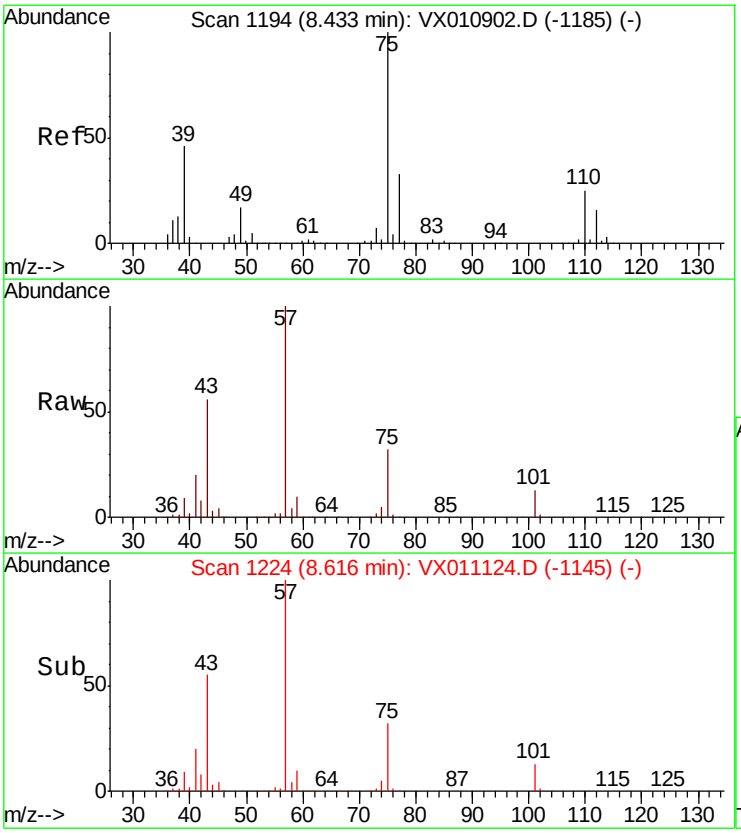
#51
4-Methyl-2-Pentanone
Concen: 18.872 ug/l
RT: 8.61 min Scan# 1223
Delta R.T. -0.03 min
Lab File: VX011124.D
Acq: 27 Jul 2019 05:27

Instrument :
MSVOA_X
ClientSampleId :
CL-02-072519-C

Tgt Ion: 43 Resp: 53076

Ion	Ratio	Lower	Upper
43	100		
58	8.4	32.2	48.4#

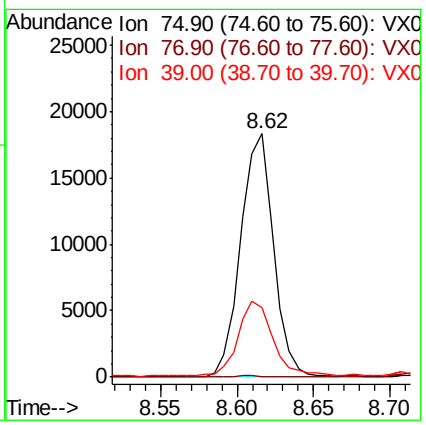


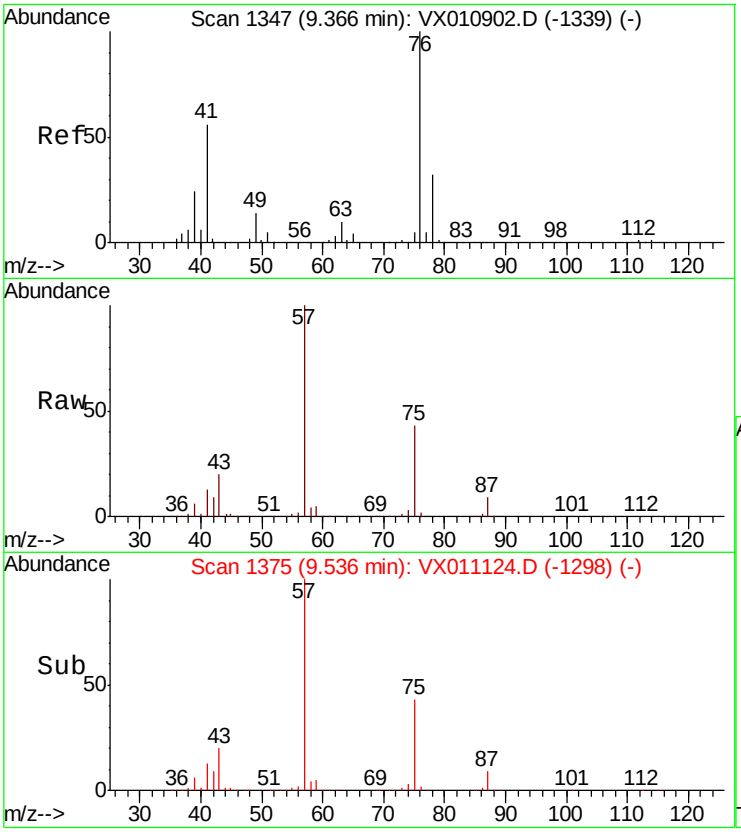


#54
cis-1,3-Dichloropropene
Concen: 8.967 ug/l
RT: 8.62 min Scan# 1224
Delta R.T. 0.18 min
Lab File: VX011124.D
Acq: 27 Jul 2019 05:27

Tgt Ion: 75 Resp: 27415

Ion	Ratio	Lower	Upper
75	100		
77	0.4	26.1	39.1#
39	28.3	36.6	54.8#



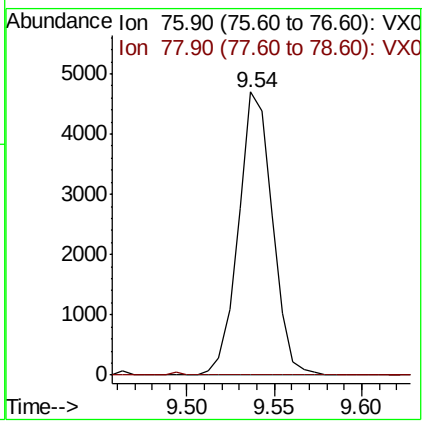


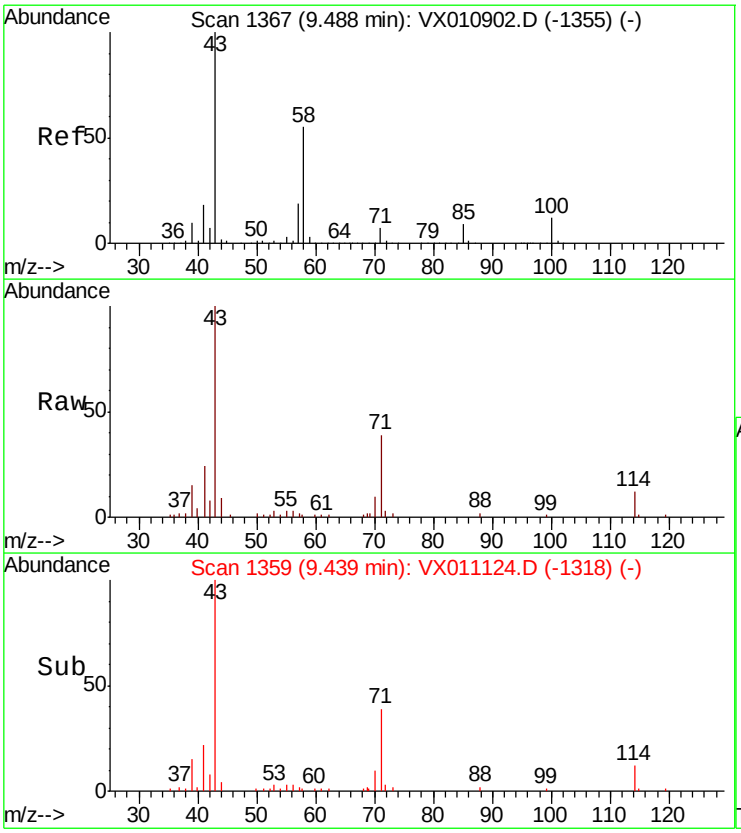
#57
1,3-Dichloropropane
Concen: 1.870 ug/l
RT: 9.54 min Scan# 1375
Delta R.T. 0.17 min
Lab File: VX011124.D
Acq: 27 Jul 2019 05:27

Instrument :
MSVOA_X
ClientSampleId :
CL-02-072519-C

Tgt Ion: 76 Resp: 6333

Ion	Ratio	Lower	Upper
76	100		
78	0.0	25.6	38.4#

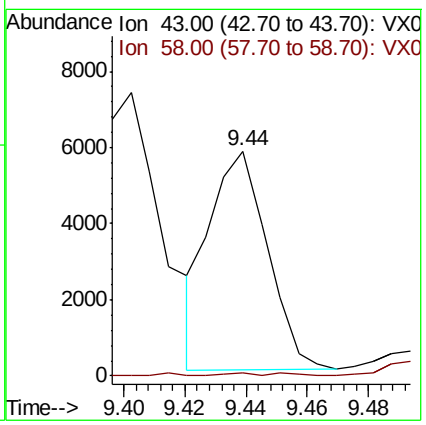


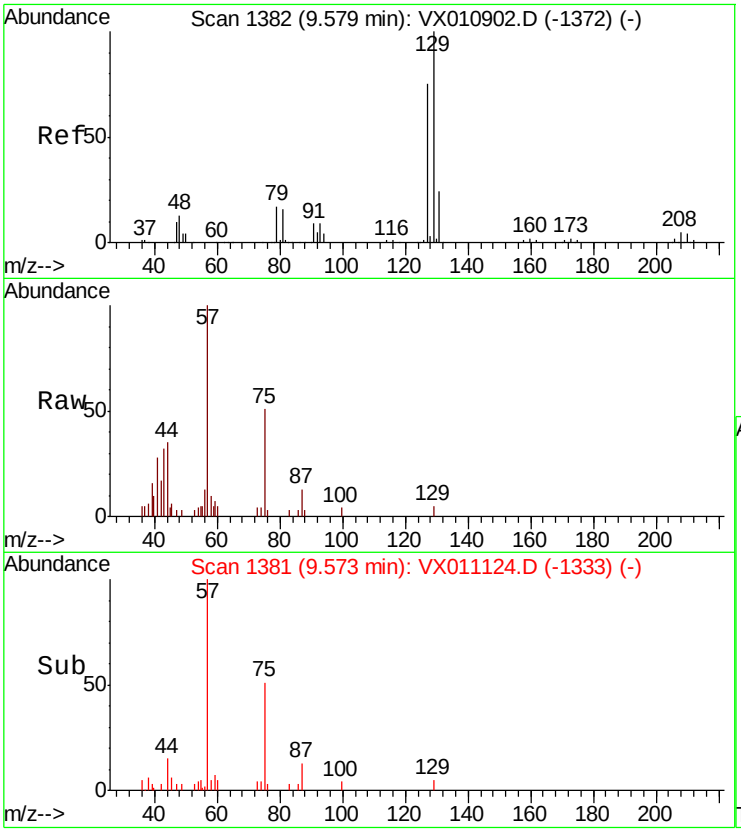


#59
2-Hexanone
Concen: 3.456 ug/l
RT: 9.44 min Scan# 1359
Delta R.T. -0.05 min
Lab File: VX011124.D
Acq: 27 Jul 2019 05:27

Tgt Ion: 43 Resp: 7538

Ion	Ratio	Lower	Upper
43	100		
58	0.0	28.0	83.9#



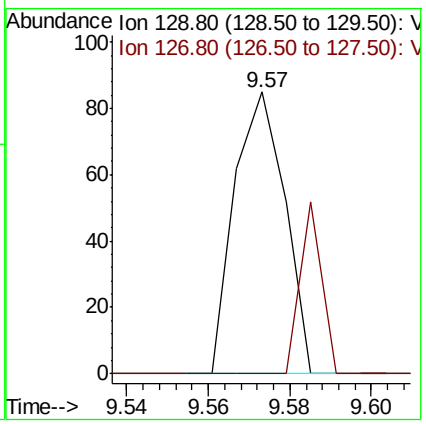


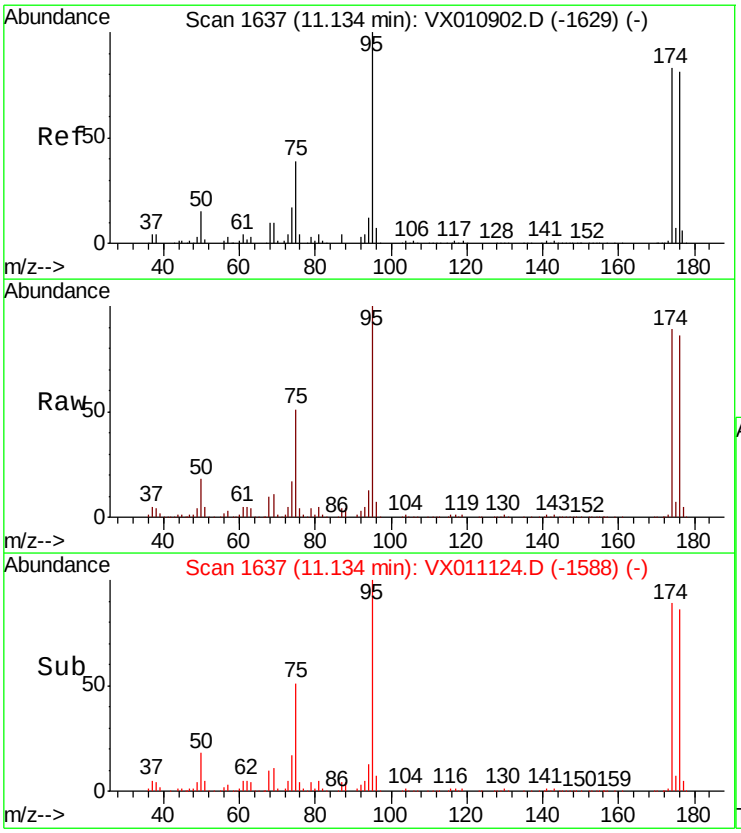
#60
Dibromochloromethane
Concen: 2.556 ug/l
RT: 9.57 min Scan# 1381
Delta R.T. -0.01 min
Lab File: VX011124.D
Acq: 27 Jul 2019 05:27

Instrument :
MSVOA_X
ClientSampleId :
CL-02-072519-C

Tgt Ion:129 Resp: 73

Ion	Ratio	Lower	Upper
129	100		
127	26.0	38.6	115.8#

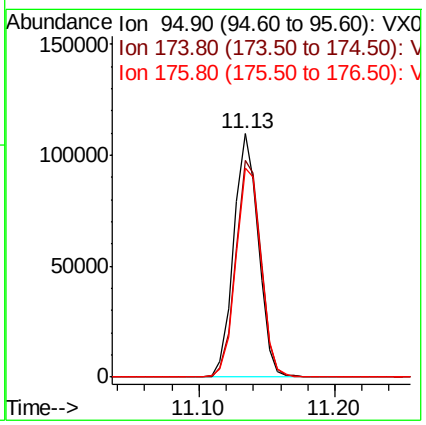


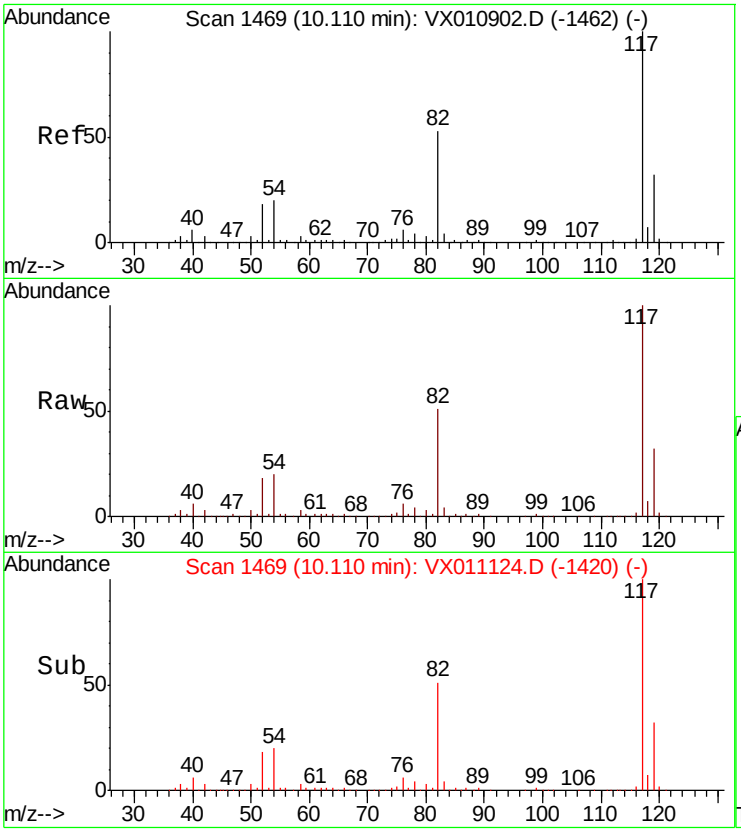


#62
4-Bromofluorobenzene
Concen: 50.238 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX011124.D
Acq: 27 Jul 2019 05:27

Tgt Ion: 95 Resp: 137900

Ion	Ratio	Lower	Upper
95	100		
174	91.4	0.0	180.6
176	88.4	0.0	173.8



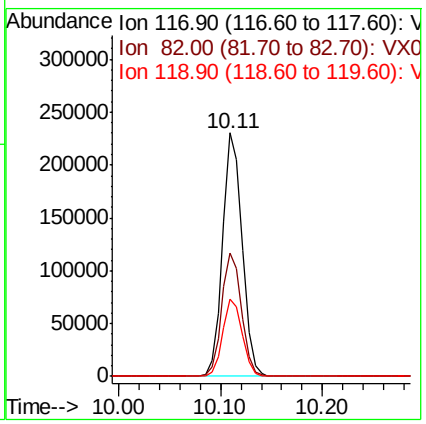


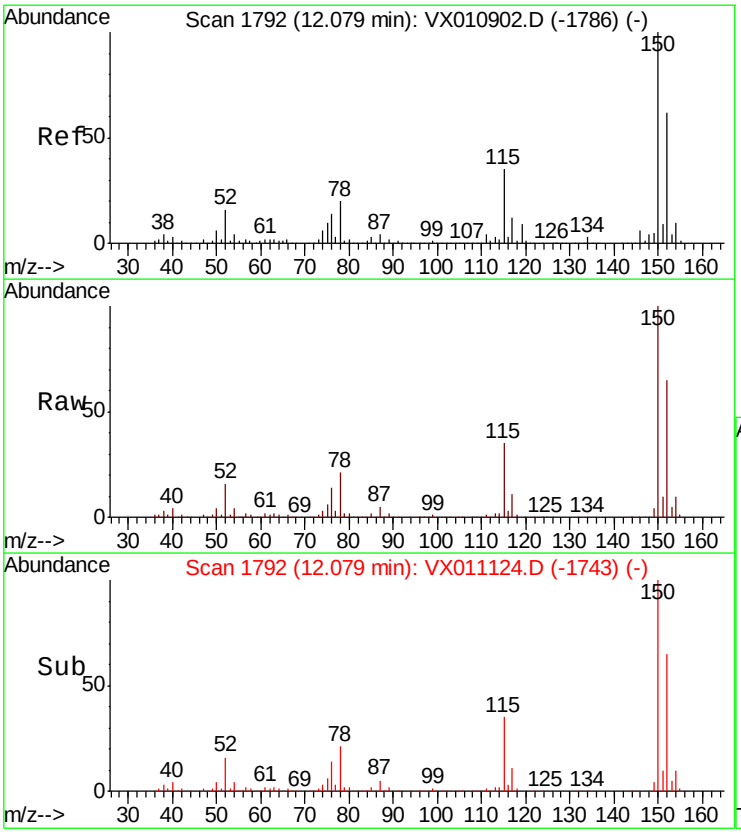
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX011124.D
Acq: 27 Jul 2019 05:27

Instrument :
MSVOA_X
ClientSampleId :
CL-02-072519-C

Tgt Ion:117 Resp: 306236

Ion	Ratio	Lower	Upper
117	100		
82	50.6	42.6	63.8
119	31.8	25.9	38.9

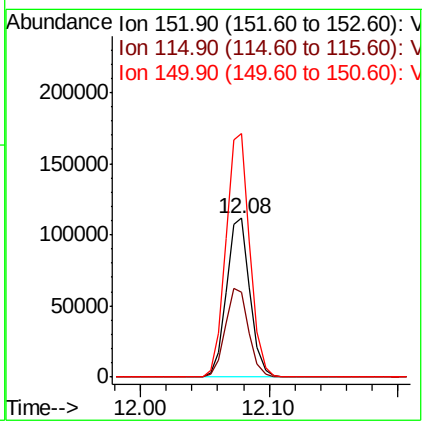


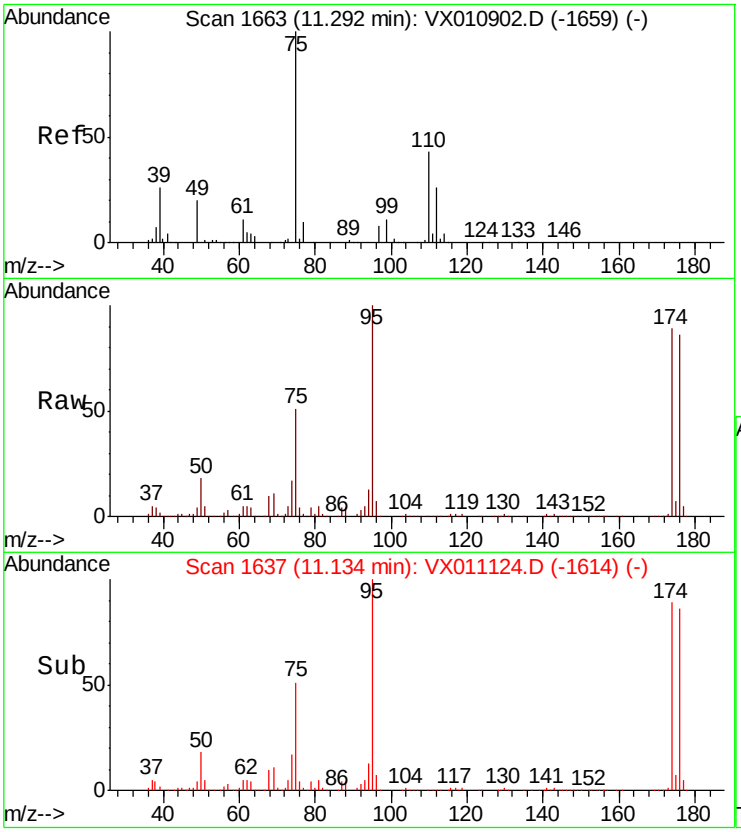


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX011124.D
Acq: 27 Jul 2019 05:27

Tgt Ion:152 Resp: 142881

Ion	Ratio	Lower	Upper
152	100		
115	55.4	39.7	119.1
150	156.0	0.0	345.6



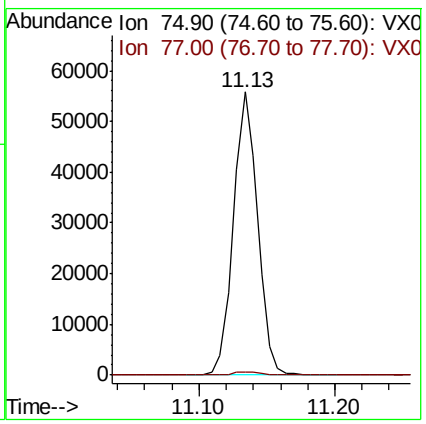


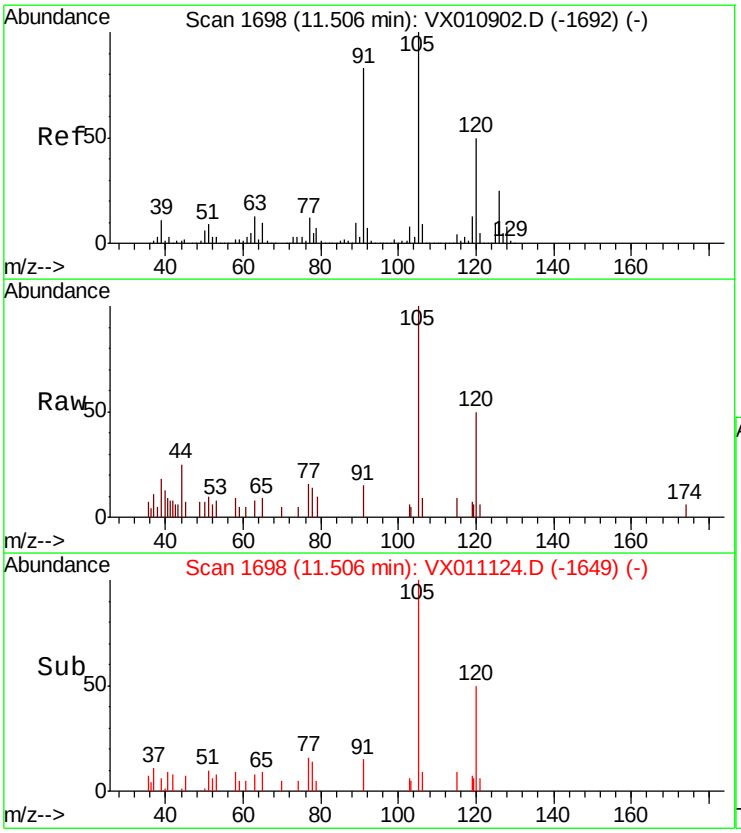
#76
1,2,3-Trichloropropane
Concen: 26.703 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX011124.D
Acq: 27 Jul 2019 05:27

Instrument :
MSVOA_X
ClientSampleId :
CL-02-072519-C

Tgt Ion: 75 Resp: 68849

Ion	Ratio	Lower	Upper
75	100		
77	1.3	21.3	64.0#

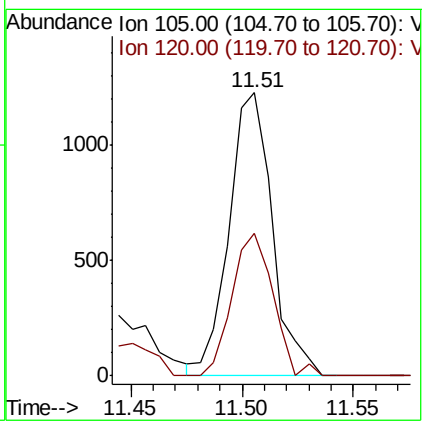


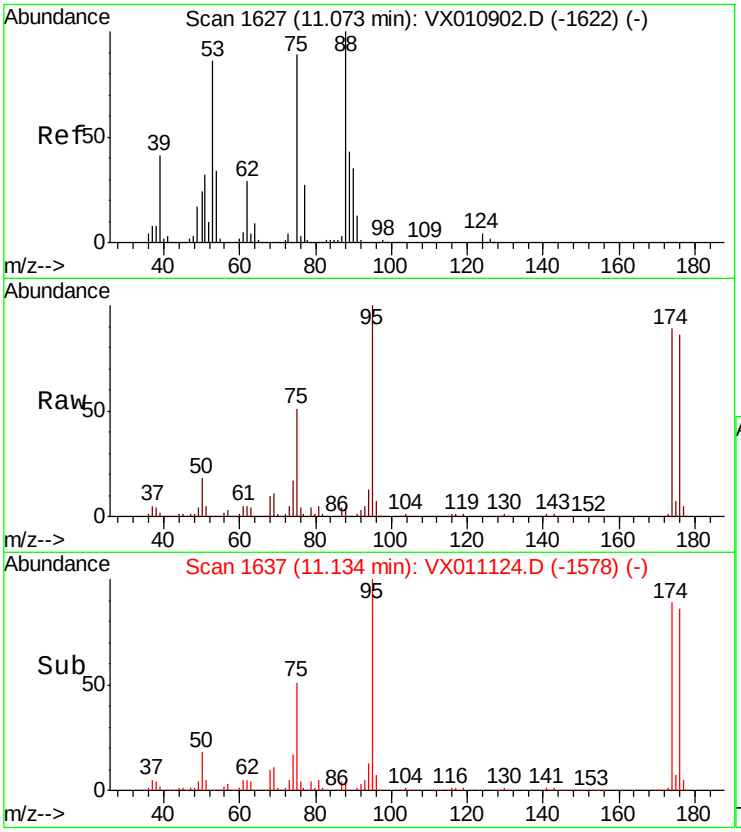


#80
1,3,5-Trimethylbenzene
Concen: 0.206 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX011124.D
Acq: 27 Jul 2019 05:27

Tgt Ion:105 Resp: 1662

Ion	Ratio	Lower	Upper
105	100		
120	47.8	24.6	73.8



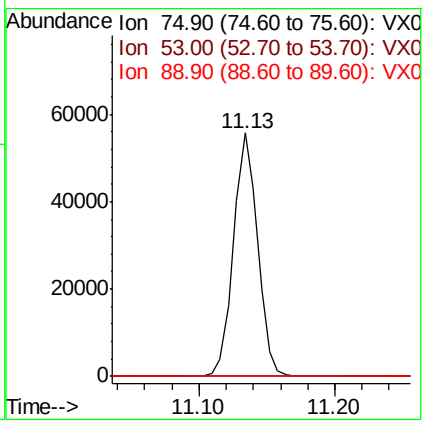


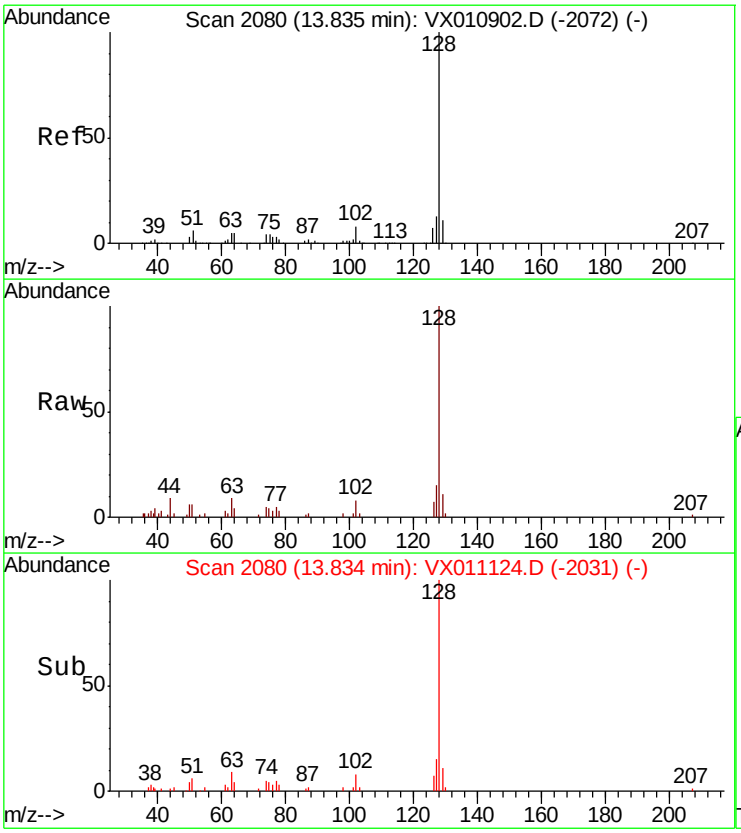
#81
trans-1,4-Dichloro-2-butene
Concen: 66.247 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX011124.D
Acq: 27 Jul 2019 05:27

Instrument :
MSVOA_X
ClientSampleId :
CL-02-072519-C

Tgt Ion: 75 Resp: 68849

Ion	Ratio	Lower	Upper
75	100		
53	0.1	76.7	115.1#
89	0.0	38.5	57.7#





#95
Naphthalene
Concen: 0.623 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX011124.D
Acq: 27 Jul 2019 05:27

Tgt Ion:128 Resp: 5711

Ion	Ratio	Lower	Upper
128	100		
127	14.3	10.4	15.6
129	13.1	8.9	13.3