Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072619\
Data File : VX011121.D
Acq On : 27 Jul 2019 04:16
Operator : JC/SP
Sample : K3614-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BU-03-072419

Quant Time: Jul 27 04:56:03 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	200188	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	321284	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	309902	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	148275	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	110474	51.87	ug/l	0.00
Spiked Amount 50.000			Recovery = 103.74%			
35) Dibromofluoromethane	5.49	113	100926	49.49	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.98%			
50) Toluene-d8	8.71	98	398502	52.10	ug/l	0.00
Spiked Amount 50.000			Recovery = 104.20%			
62) 4-Bromofluorobenzene	11.13	95	142223	50.59	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.18%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.34	85	24	0.557	ug/l #	43
3) Chloromethane	1.33	50	416	0.226	ug/l	90
5) Bromomethane	1.67	94	468	0.442	ug/l #	55
6) Chloroethane	1.73	64	417	0.349	ug/l #	62
8) Diethyl Ether	2.19	74	1202	1.098	ug/l	77
11) Tert butyl alcohol	3.05	59	1819	3.667	ug/l #	94
13) Acrolein	2.31	56	140	0.489	ug/l #	24
16) Acetone	2.44	43	489355	508.752	ug/l	96
18) Methyl Acetate	2.78	43	804	0.367	ug/l #	86
20) Methylene Chloride	2.86	84	55017	26.990	ug/l	98
25) 2-Butanone	4.69	43	3438	2.490	ug/l	93
29) Tetrahydrofuran	5.14	42	309	0.353	ug/l #	82
30) Chloroform	5.20	83	1025	0.299	ug/l	96
31) Cyclohexane	5.67	56	3841	1.328	ug/l #	23
36) 1,1-Dichloropropene	5.66	75	13747	5.209	ug/l #	49
38) Carbon Tetrachloride	5.66	117	18891	6.869	ug/l #	18
43) Isopropyl Acetate	6.45	43	8435	1.898	ug/l #	90
48) Methyl methacrylate	7.68	41	4340	2.005	ug/l #	10
49) 1,4-Dioxane	7.70	88	50	0.826	ug/l #	1
51) 4-Methyl-2-Pentanone	8.61	43	41159	14.289	ug/l #	50
54) cis-1,3-Dichloropropene	8.62	75	20444	6.529	ug/l #	63
57) 1,3-Dichloropropane	9.54	76	4452	1.283	ug/l #	43
59) 2-Hexanone	9.54	43	57351	25.671	ug/l #	52
60) Dibromochloromethane	9.32	129	25	2.537	ug/l	97
76) 1,2,3-Trichloropropane	11.13	75	71866	26.859	ug/l #	35
81) trans-1,4-Dichloro-2-buten	11.13	75	71866	66.612	ug/l #	11
95) Naphthalene	13.83	128	19264	2.025	ug/l	97

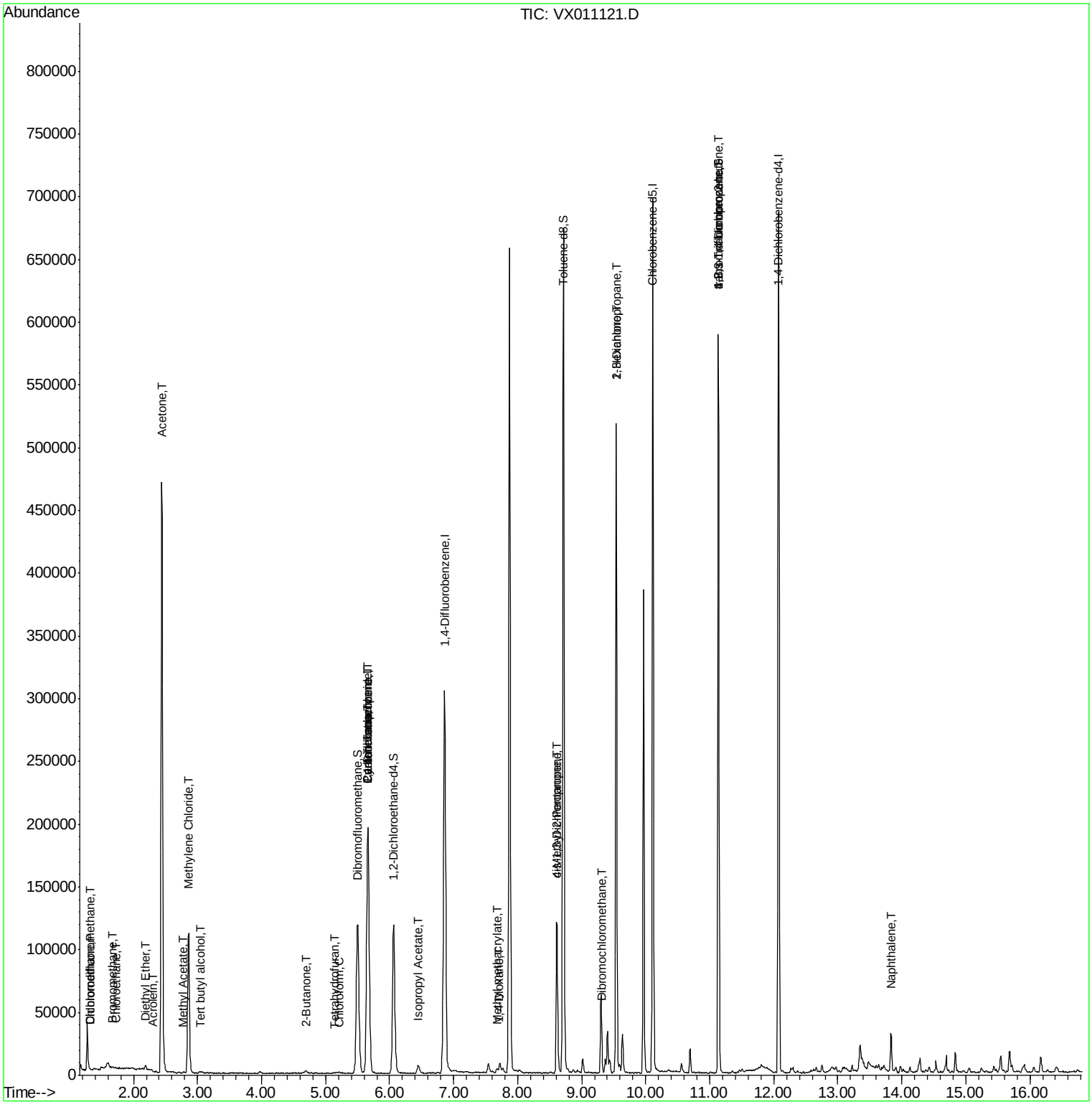
(#) = qualifier out of range (m) = manual integration (+) = signals summed

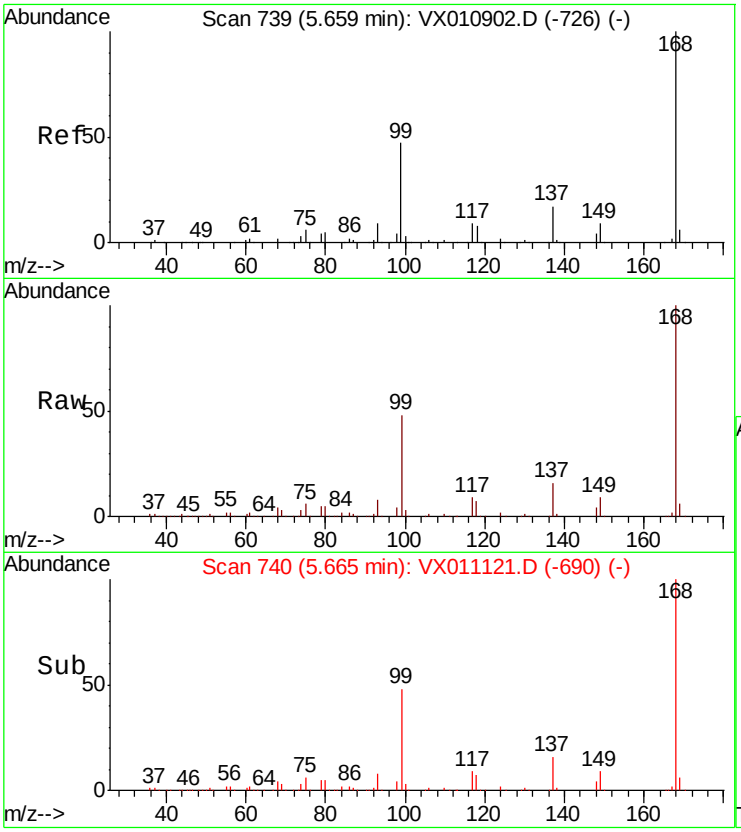
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072619\
Data File : VX011121.D
Acq On : 27 Jul 2019 04:16
Operator : JC/SP
Sample : K3614-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BU-03-072419

Quant Time: Jul 27 04:56:03 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



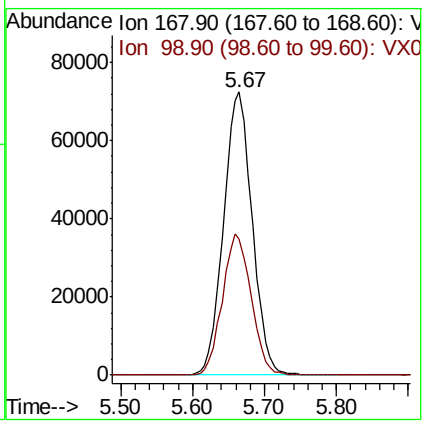


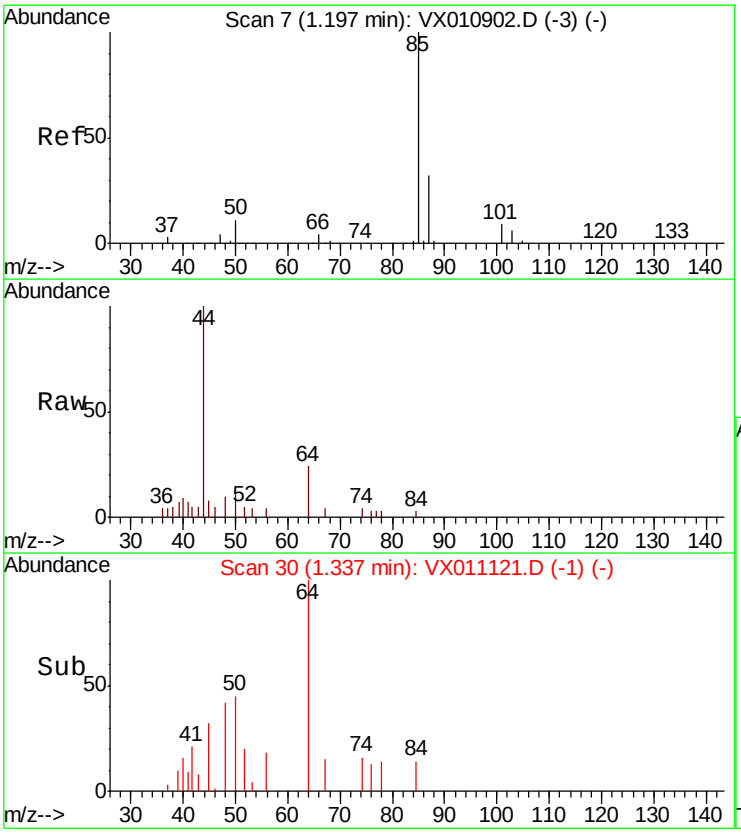
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.01 min
Lab File: VX011121.D
Acq: 27 Jul 2019 04:16

Instrument :
MSVOA_X
ClientSampleId :
BU-03-072419

Tgt Ion:168 Resp: 200188

Ion	Ratio	Lower	Upper
168	100		
99	48.2	37.6	56.4

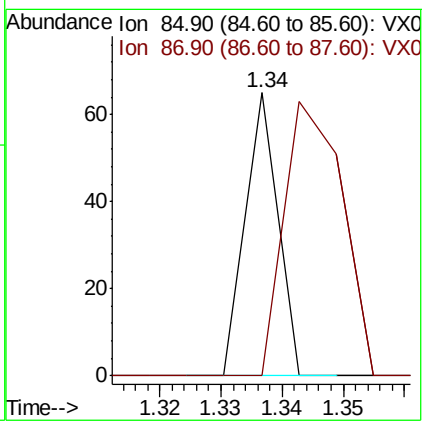


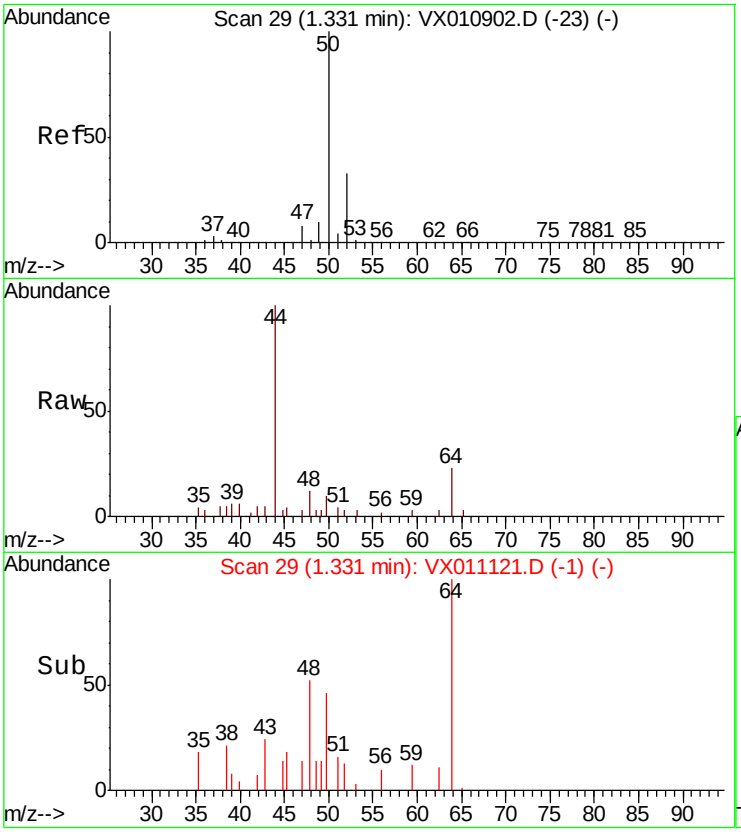


#2
Dichlorodifluoromethane
Concen: 0.557 ug/l
RT: 1.34 min Scan# 30
Delta R.T. 0.14 min
Lab File: VX011121.D
Acq: 27 Jul 2019 04:16

Tgt Ion: 85 Resp: 24

Ion	Ratio	Lower	Upper
85	100		
87	0.0	15.9	47.7#



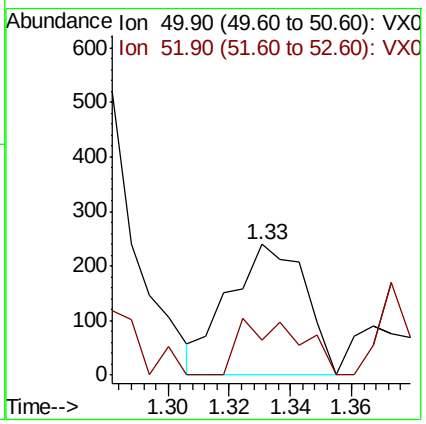


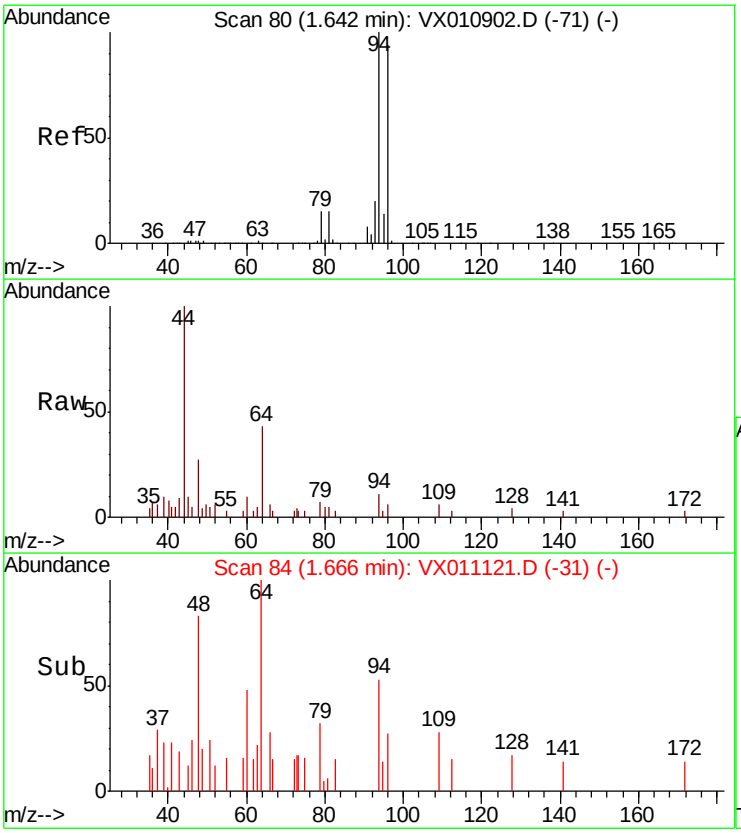
#3
Chloromethane
Concen: 0.226 ug/l
RT: 1.33 min Scan# 29
Delta R.T. -0.00 min
Lab File: VX011121.D
Acq: 27 Jul 2019 04:16

Instrument :
MSVOA_X
ClientSampleId :
BU-03-072419

Tgt Ion: 50 Resp: 416

Ion	Ratio	Lower	Upper
50	100		
52	27.1	26.4	39.6

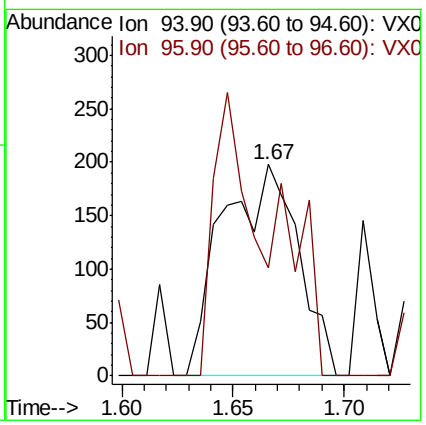


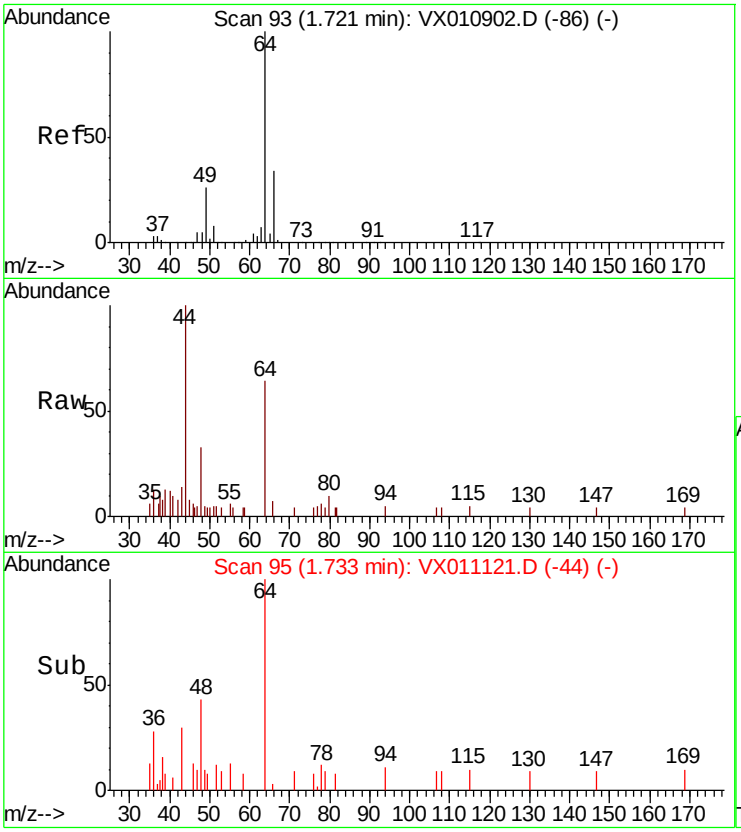


#5
Bromomethane
Concen: 0.442 ug/l
RT: 1.67 min Scan# 84
Delta R.T. 0.02 min
Lab File: VX011121.D
Acq: 27 Jul 2019 04:16

Tgt Ion: 94 Resp: 468

Ion	Ratio	Lower	Upper
94	100		
96	51.0	75.6	113.4#



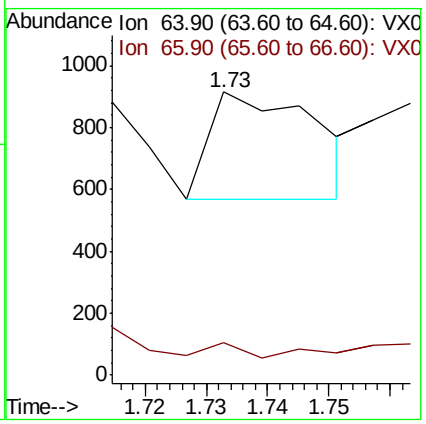


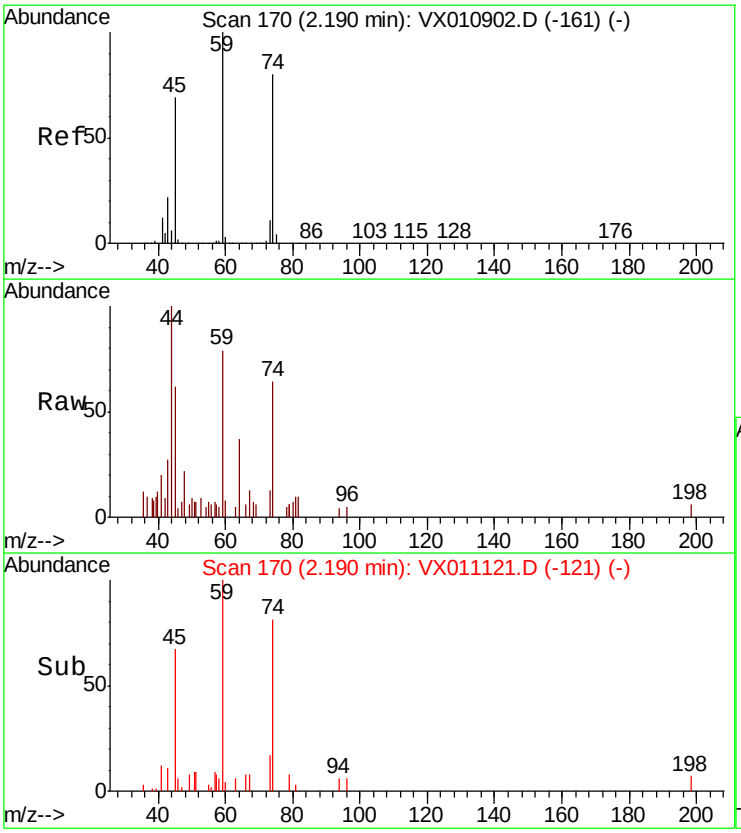
#6
Chloroethane
Concen: 0.349 ug/l
RT: 1.73 min Scan# 95
Delta R.T. 0.01 min
Lab File: VX011121.D
Acq: 27 Jul 2019 04:16

Instrument :
MSVOA_X
ClientSampleId :
BU-03-072419

Tgt Ion: 64 Resp: 417

Ion	Ratio	Lower	Upper
64	100		
66	12.1	27.0	40.6#

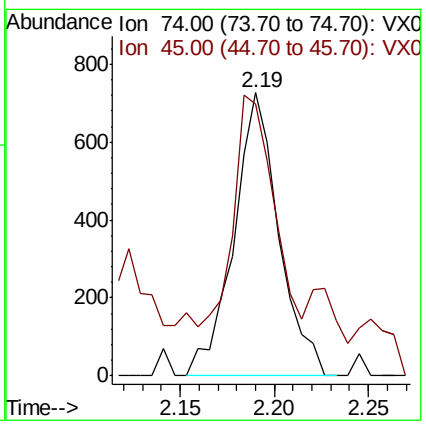


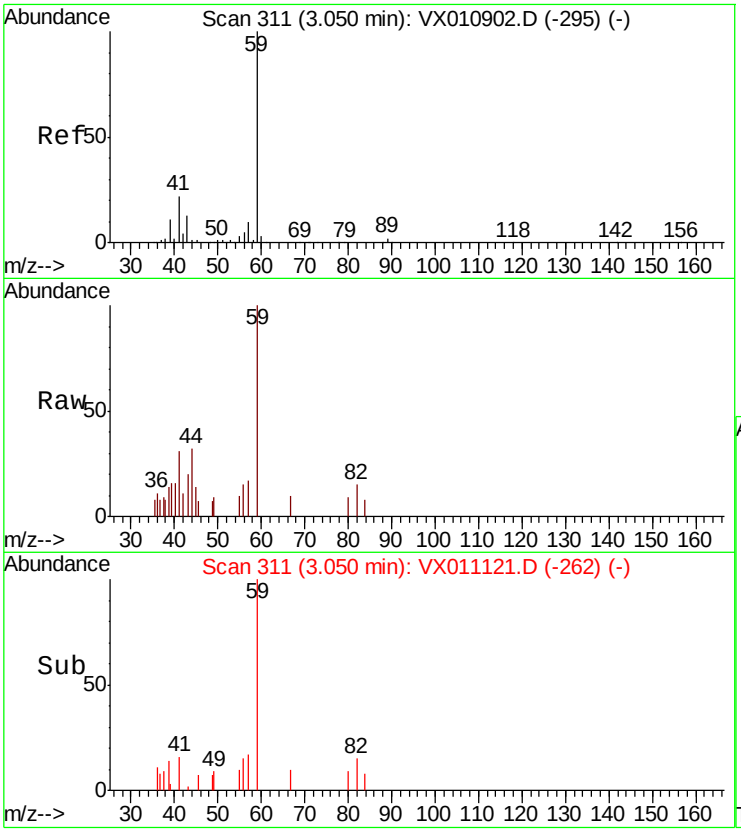


#8
Diethyl Ether
Concen: 1.098 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX011121.D
Acq: 27 Jul 2019 04:16

Tgt Ion: 74 Resp: 1202

Ion	Ratio	Lower	Upper
74	100		
45	69.3	45.5	136.5



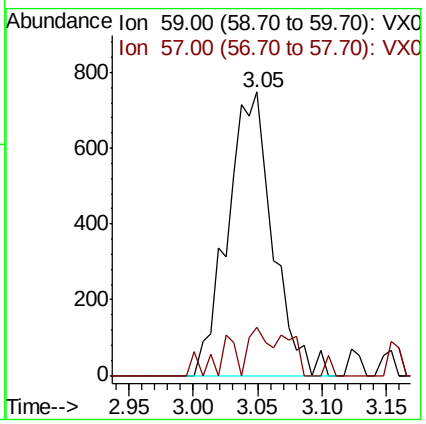


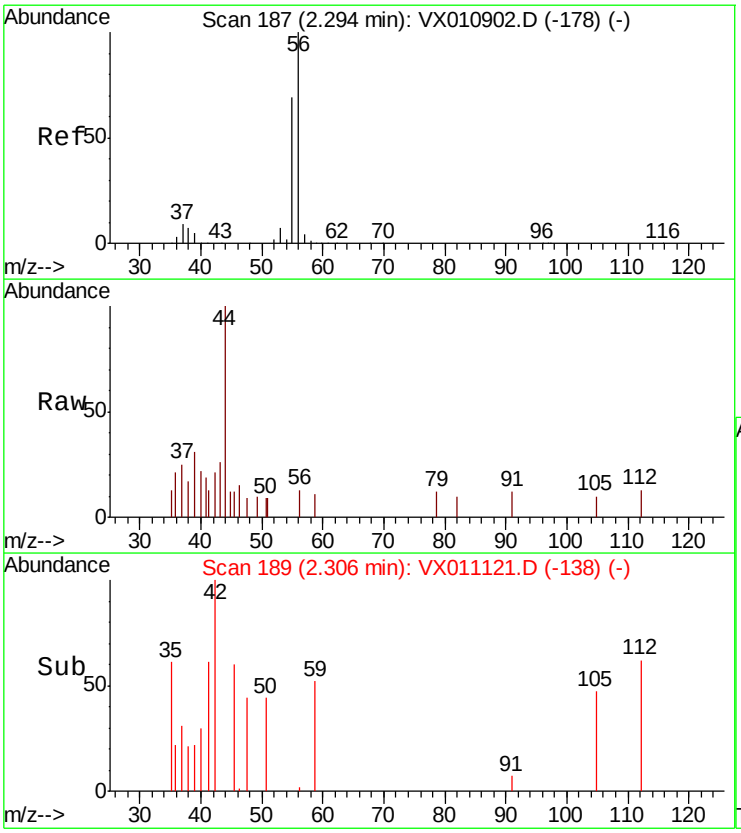
#11
Tert butyl alcohol
Concen: 3.667 ug/l
RT: 3.05 min Scan# 311
Delta R.T. -0.00 min
Lab File: VX011121.D
Acq: 27 Jul 2019 04:16

Instrument : MSVOA_X
ClientSampleId : BU-03-072419

Tgt Ion: 59 Resp: 1819

Ion	Ratio	Lower	Upper
59	100		
57	7.8	7.9	11.9#

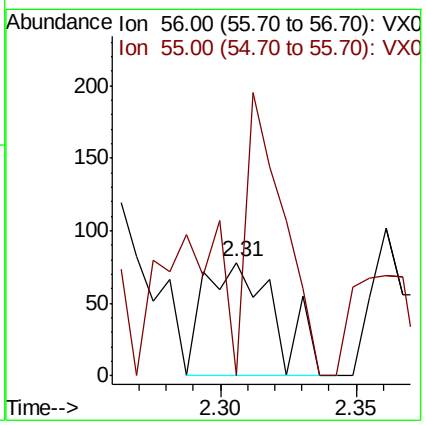


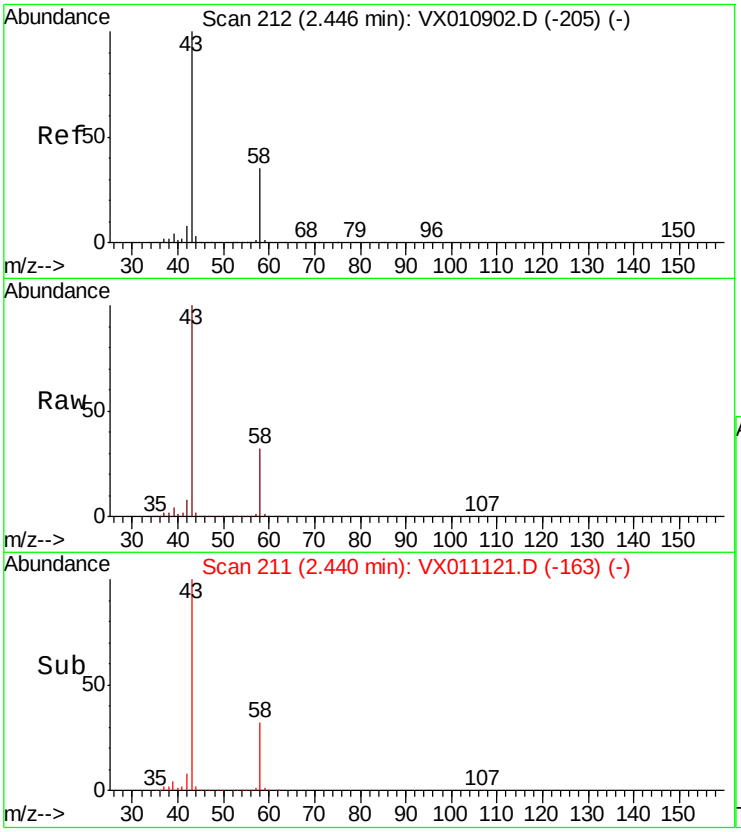


#13
Acrolein
Concen: 0.489 ug/l
RT: 2.31 min Scan# 189
Delta R.T. 0.01 min
Lab File: VX011121.D
Acq: 27 Jul 2019 04:16

Tgt Ion: 56 Resp: 140

Ion	Ratio	Lower	Upper
56	100		
55	132.1	55.9	83.9#



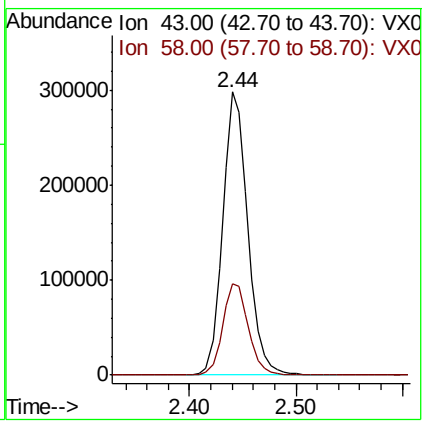


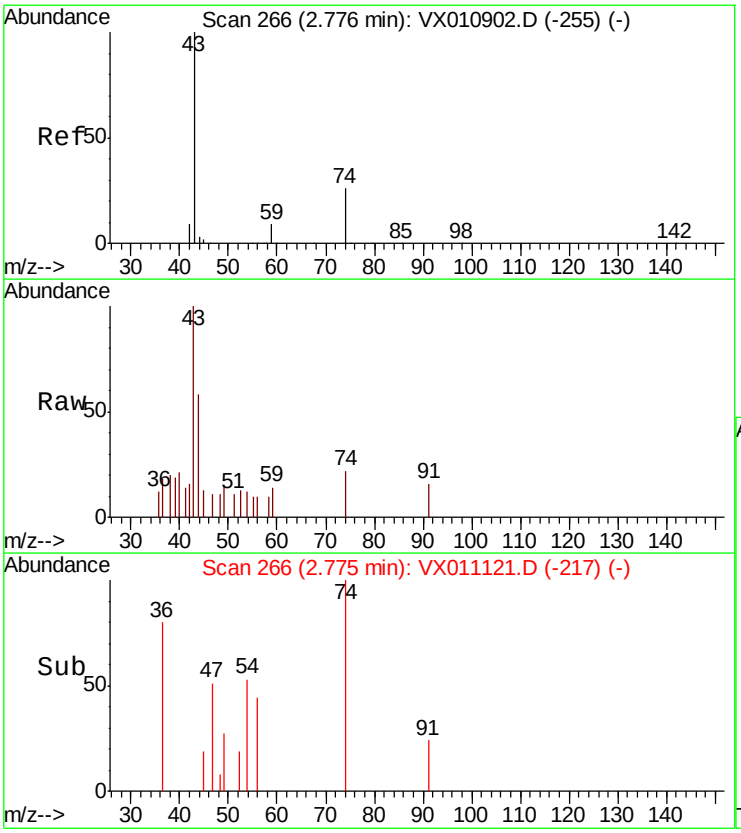
#16
Acetone
Concen: 508.752 ug/l
RT: 2.44 min Scan# 211
Delta R.T. -0.01 min
Lab File: VX011121.D
Acq: 27 Jul 2019 04:16

Instrument :
MSVOA_X
ClientSampleId :
BU-03-072419

Tgt Ion: 43 Resp: 489355

Ion	Ratio	Lower	Upper
43	100		
58	32.4	27.7	41.5

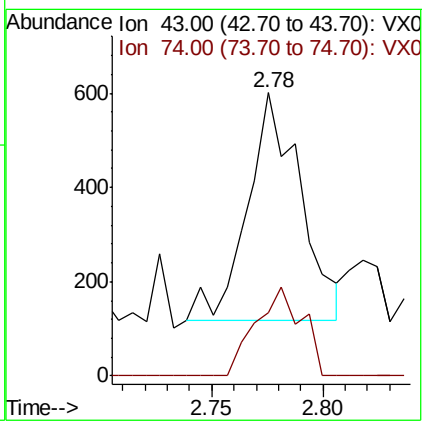


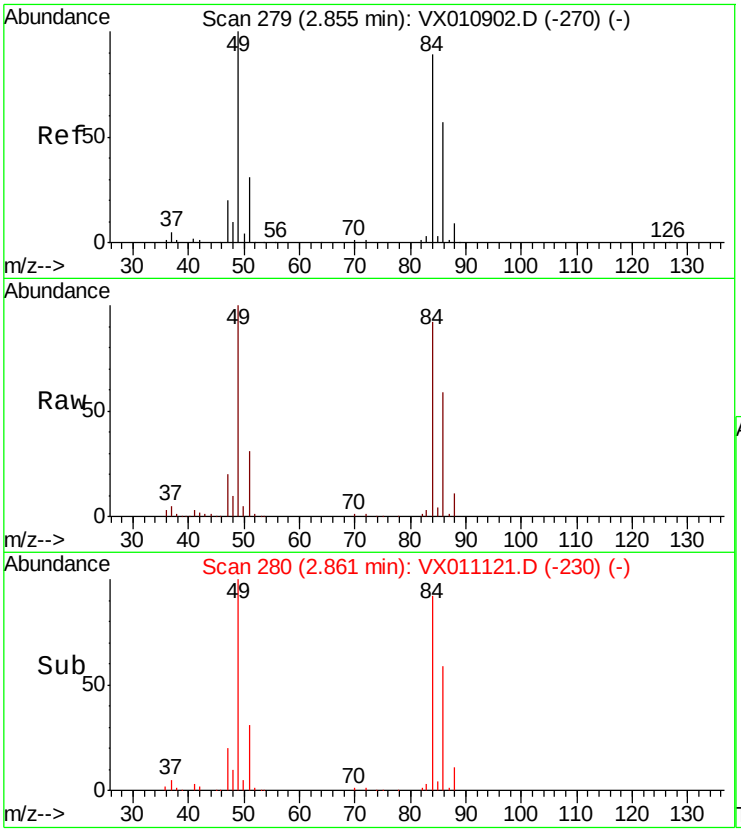


#18
Methyl Acetate
Concen: 0.367 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX011121.D
Acq: 27 Jul 2019 04:16

Tgt Ion: 43 Resp: 804

Ion	Ratio	Lower	Upper
43	100		
74	34.0	21.5	32.3#



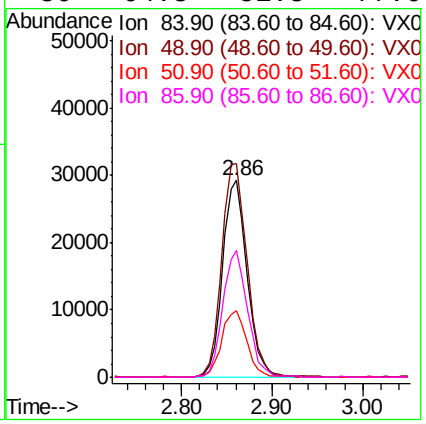


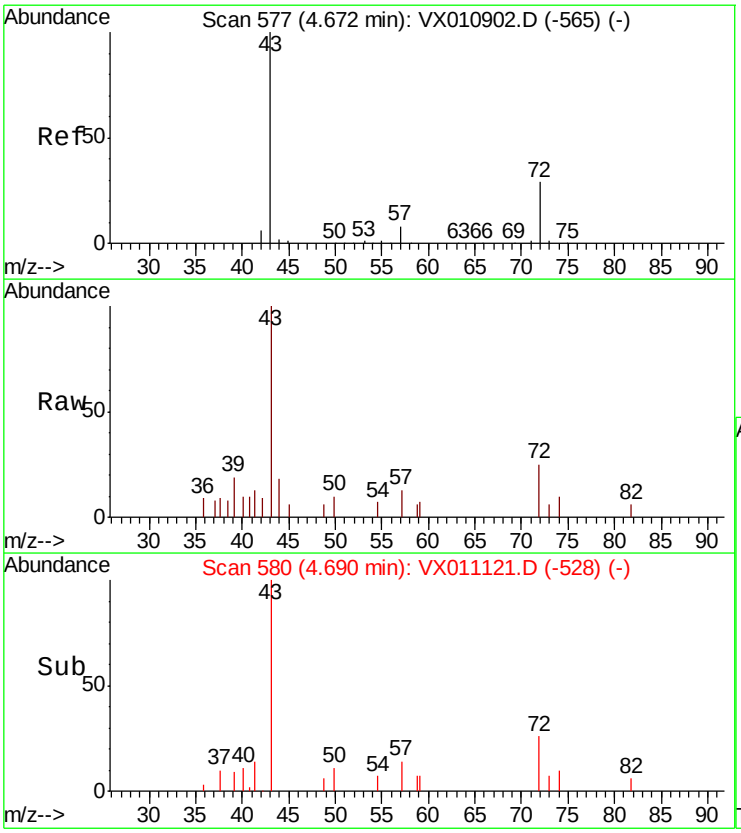
#20
Methylene Chloride
Concen: 26.990 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX011121.D
Acq: 27 Jul 2019 04:16

Instrument : MSVOA_X
ClientSampleId : BU-03-072419

Tgt Ion: 84 Resp: 55017

Ion	Ratio	Lower	Upper
84	100		
49	108.2	89.9	134.9
51	34.1	27.8	41.6
86	64.3	51.8	77.6

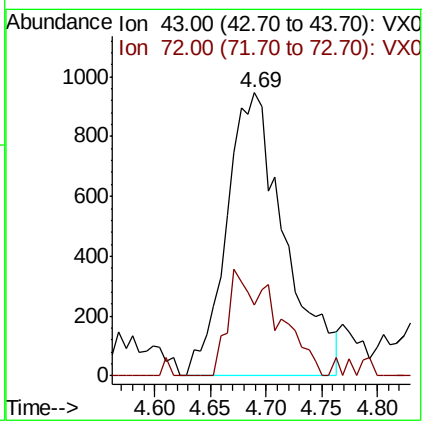


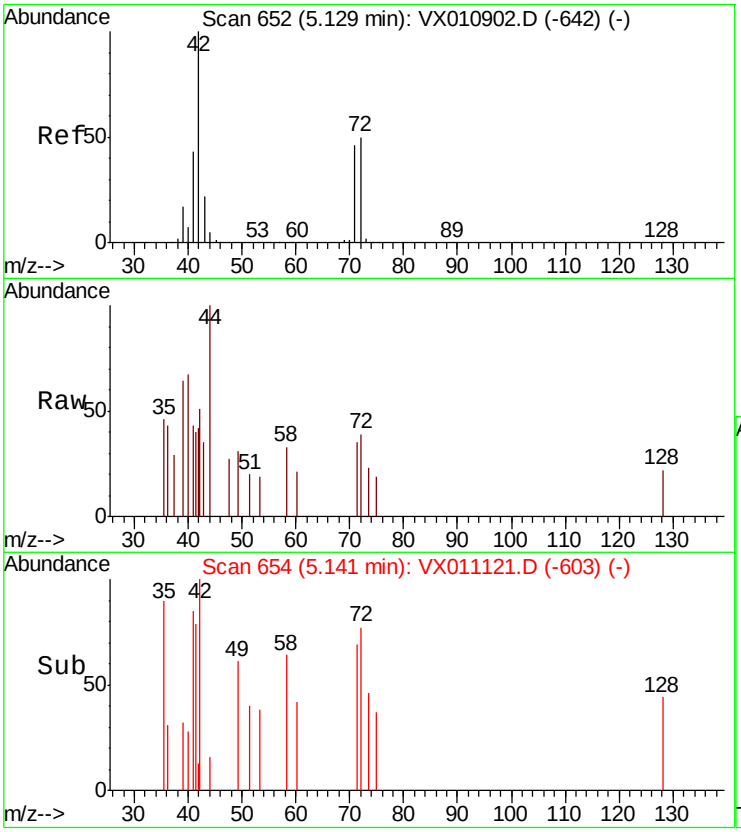


#25
2-Butanone
Concen: 2.490 ug/l
RT: 4.69 min Scan# 580
Delta R.T. 0.02 min
Lab File: VX011121.D
Acq: 27 Jul 2019 04:16

Tgt Ion: 43 Resp: 3438

Ion	Ratio	Lower	Upper
43	100		
72	24.9	23.0	34.6



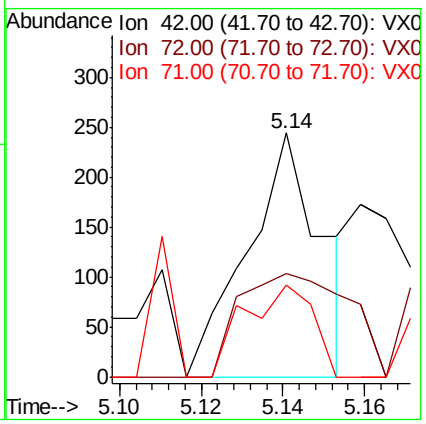


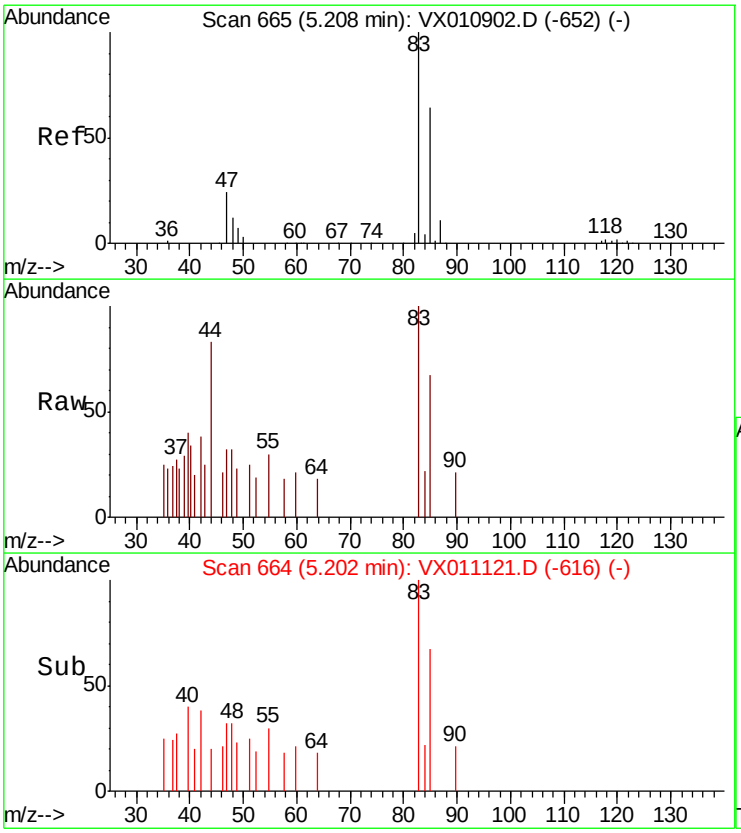
#29
Tetrahydrofuran
Concen: 0.353 ug/l
RT: 5.14 min Scan# 654
Delta R.T. 0.01 min
Lab File: VX011121.D
Acq: 27 Jul 2019 04:16

Instrument :
MSVOA_X
ClientSampleId :
BU-03-072419

Tgt Ion: 42 Resp: 309

Ion	Ratio	Lower	Upper
42	100		
72	62.5	39.8	59.8#
71	35.0	37.0	55.4#

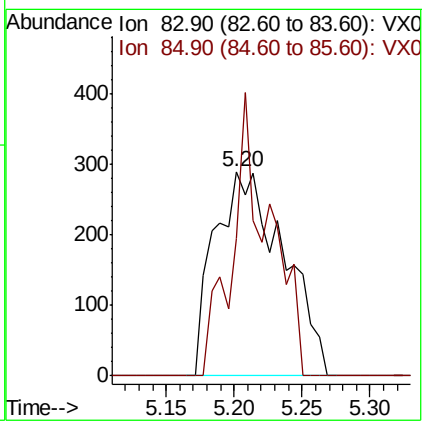


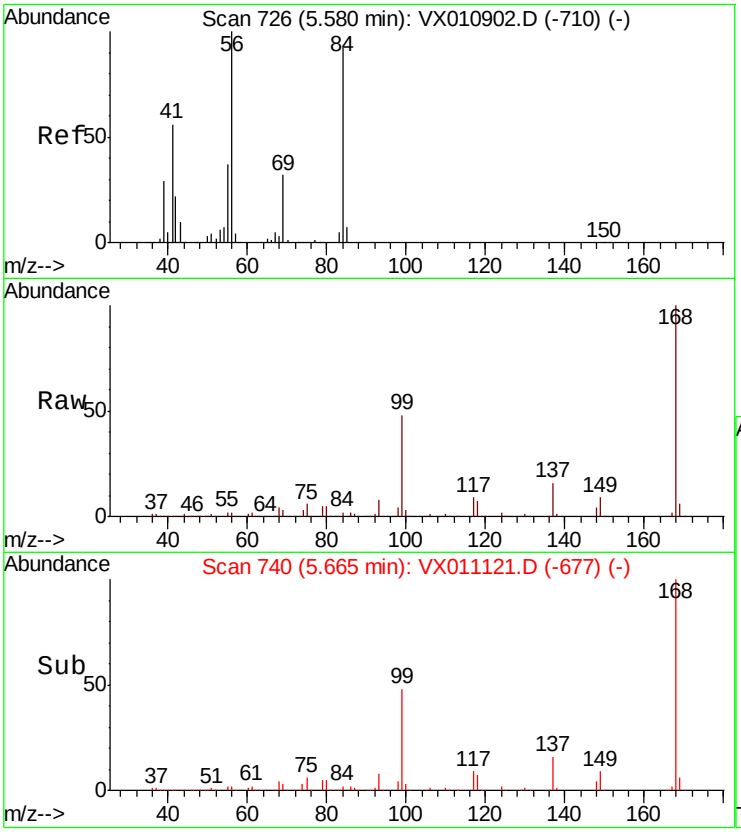


#30
Chloroform
Concen: 0.299 ug/l
RT: 5.20 min Scan# 664
Delta R.T. -0.01 min
Lab File: VX011121.D
Acq: 27 Jul 2019 04:16

Tgt Ion: 83 Resp: 1025

Ion	Ratio	Lower	Upper
83	100		
85	67.2	51.4	77.0



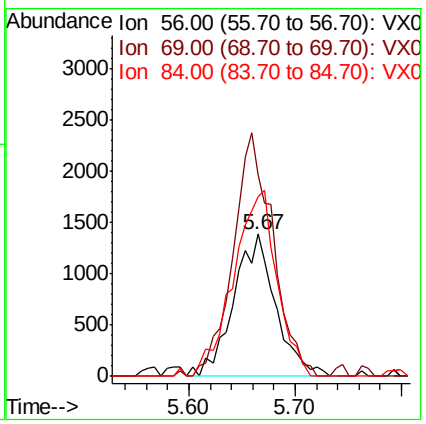


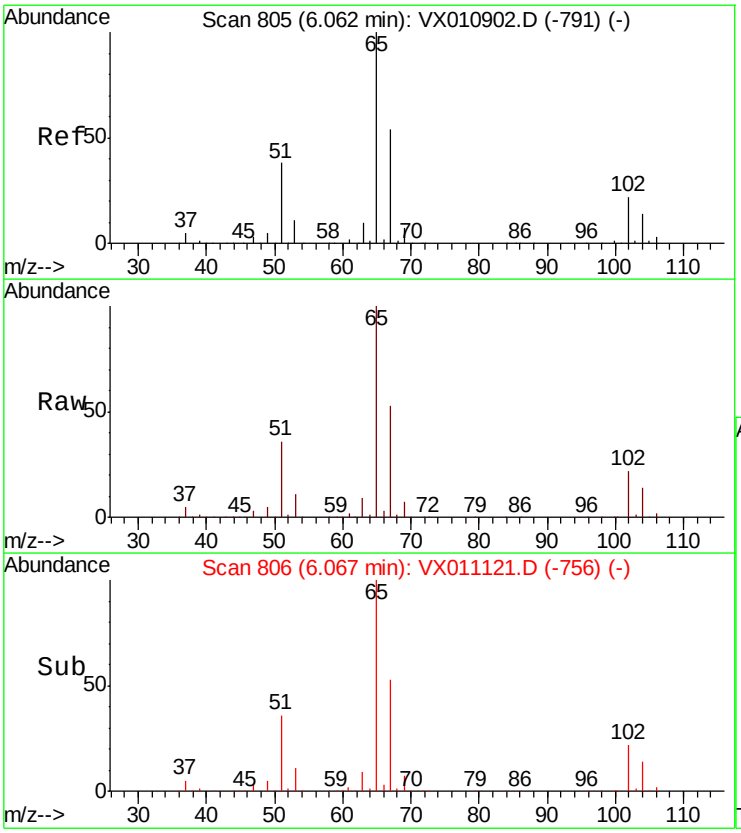
#31
Cyclohexane
Concen: 1.328 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.09 min
Lab File: VX011121.D
Acq: 27 Jul 2019 04:16

Instrument :
MSVOA_X
ClientSampleId :
BU-03-072419

Tgt Ion: 56 Resp: 3841

Ion	Ratio	Lower	Upper
56	100		
69	141.8	25.8	38.8#
84	125.8	73.8	110.6#

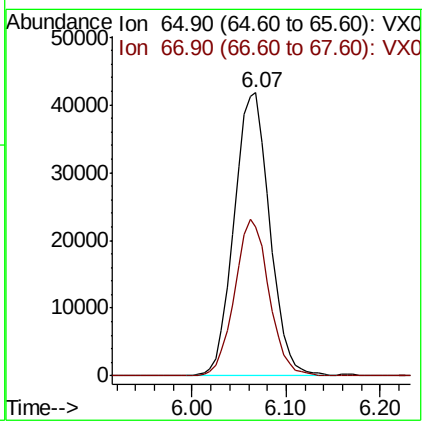


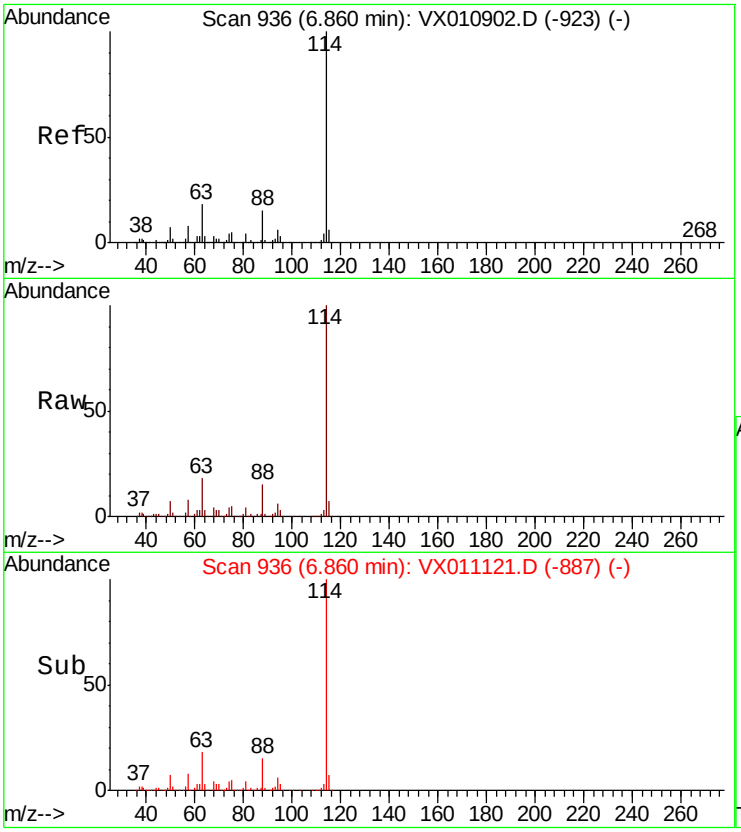


#33
1,2-Dichloroethane-d4
Concen: 51.873 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.01 min
Lab File: VX011121.D
Acq: 27 Jul 2019 04:16

Tgt Ion: 65 Resp: 110474

Ion	Ratio	Lower	Upper
65	100		
67	53.6	0.0	107.8



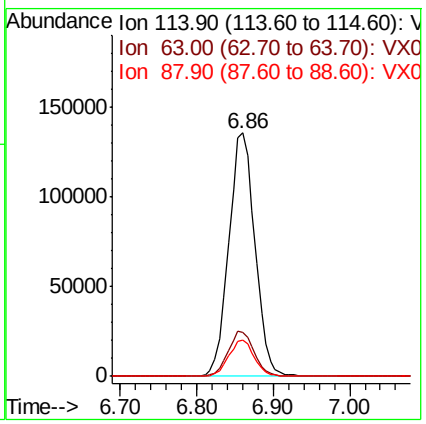


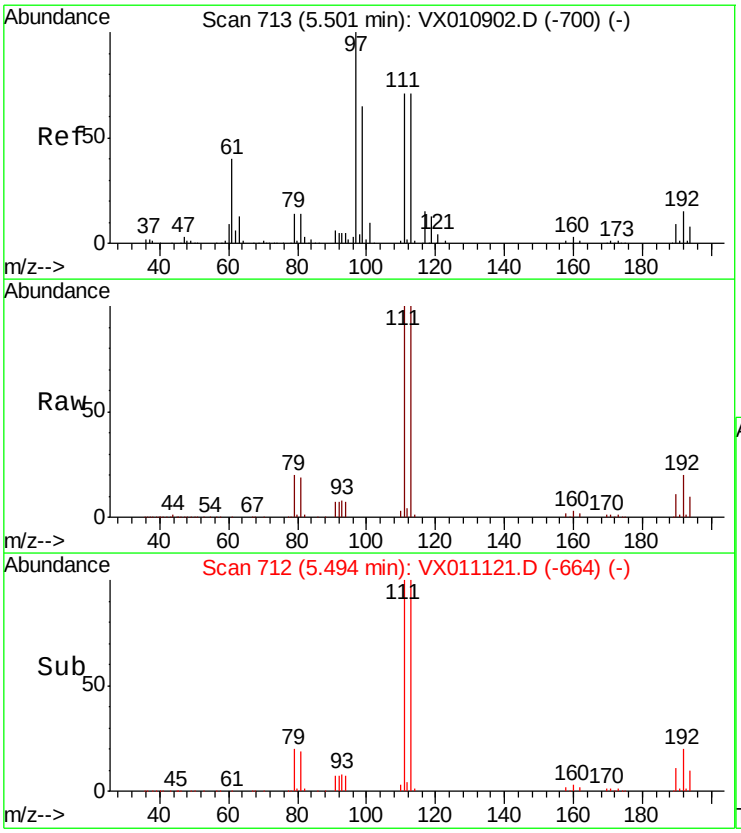
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX011121.D
Acq: 27 Jul 2019 04:16

Instrument :
MSVOA_X
ClientSampleId :
BU-03-072419

Tgt Ion:114 Resp: 321284

Ion	Ratio	Lower	Upper
114	100		
63	18.1	0.0	35.6
88	14.8	0.0	29.8

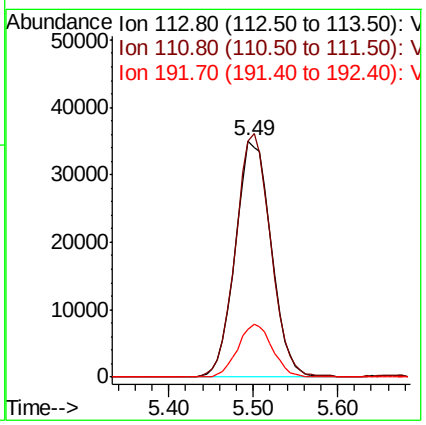


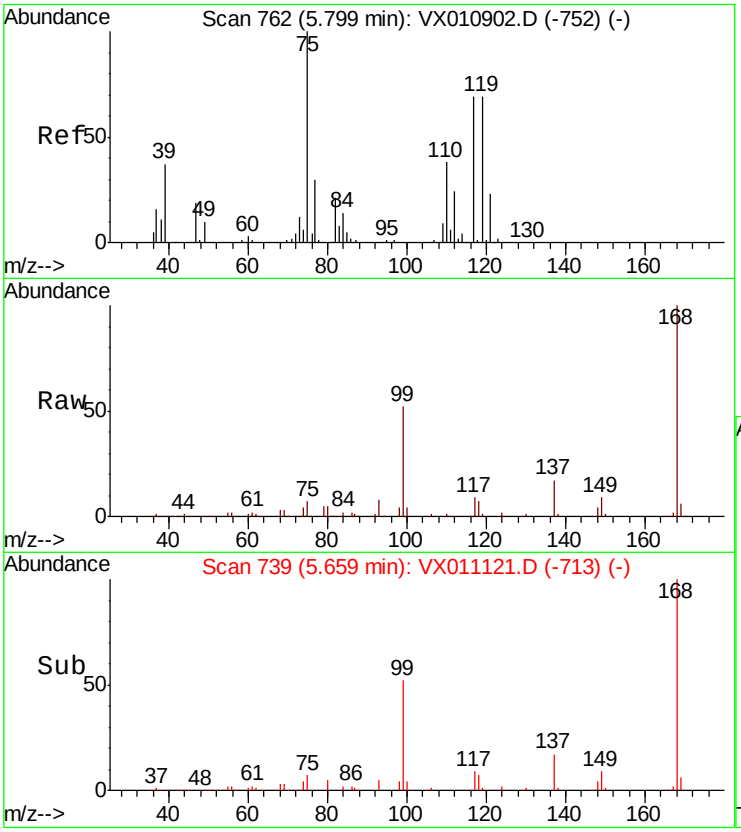


#35
Dibromofluoromethane
Concen: 49.492 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.01 min
Lab File: VX011121.D
Acq: 27 Jul 2019 04:16

Tgt Ion:113 Resp: 100926

Ion	Ratio	Lower	Upper
113	100		
111	101.0	82.3	123.5
192	21.6	17.4	26.2



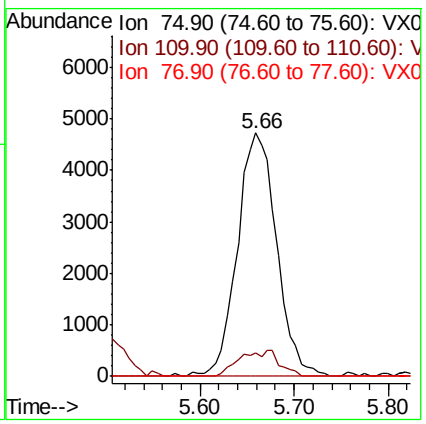


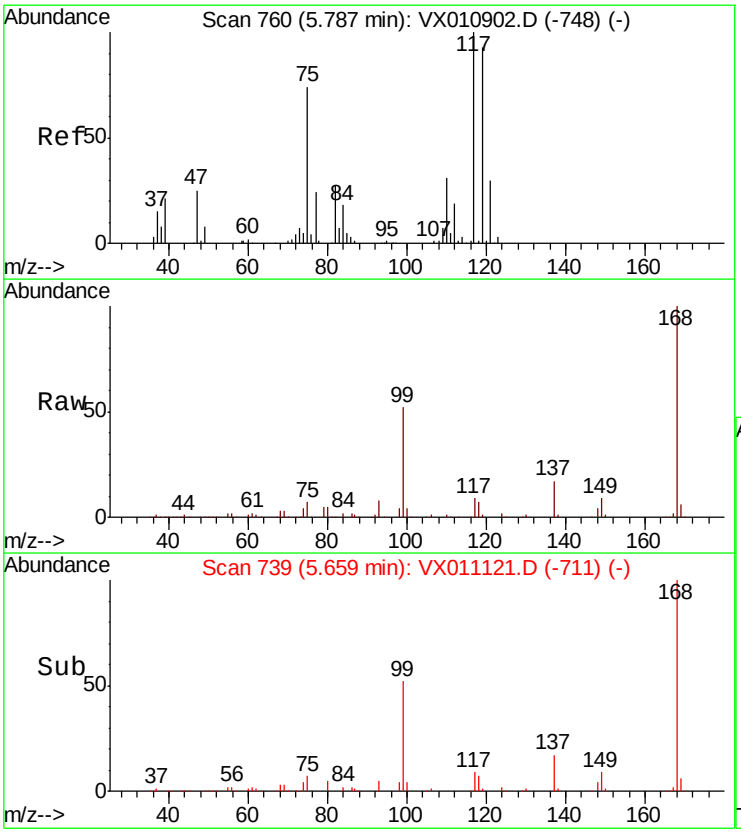
#36
1,1-Dichloropropene
Concen: 5.209 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.14 min
Lab File: VX011121.D
Acq: 27 Jul 2019 04:16

Instrument :
MSVOA_X
ClientSampleId :
BU-03-072419

Tgt Ion: 75 Resp: 13747

Ion	Ratio	Lower	Upper
75	100		
110	11.0	19.9	59.7#
77	0.0	25.0	37.4#

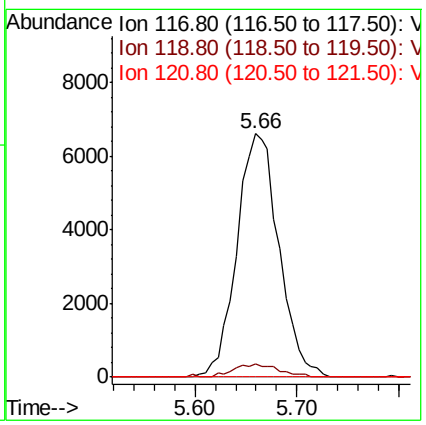


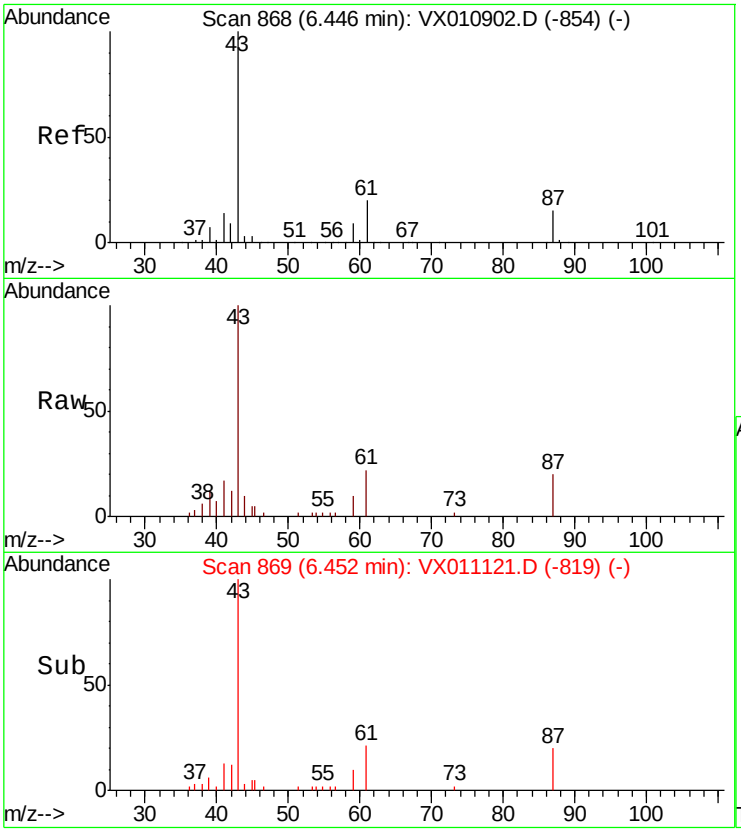


#38
Carbon Tetrachloride
Concen: 6.869 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.13 min
Lab File: VX011121.D
Acq: 27 Jul 2019 04:16

Tgt Ion:117 Resp: 18891

Ion	Ratio	Lower	Upper
117	100		
119	5.6	74.2	111.2#
121	0.0	24.2	36.2#



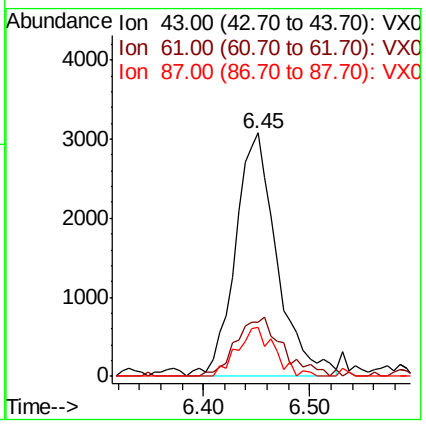


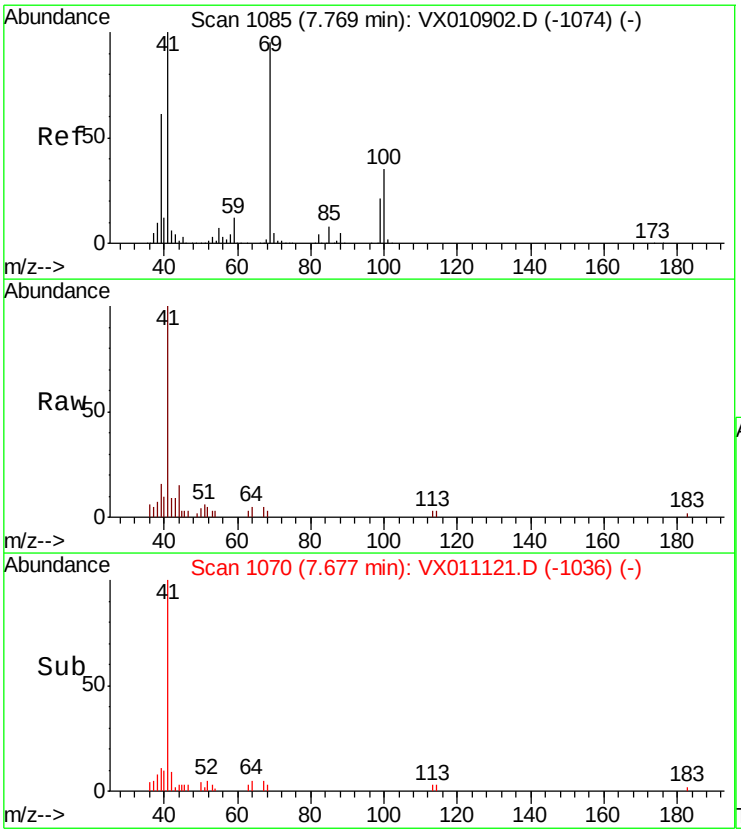
#43
Isopropyl Acetate
Concen: 1.898 ug/l
RT: 6.45 min Scan# 869
Delta R.T. 0.01 min
Lab File: VX011121.D
Acq: 27 Jul 2019 04:16

Instrument :
MSVOA_X
ClientSampleId :
BU-03-072419

Tgt Ion: 43 Resp: 8435

Ion	Ratio	Lower	Upper
43	100		
61	27.1	17.1	25.7#
87	17.9	12.0	18.0

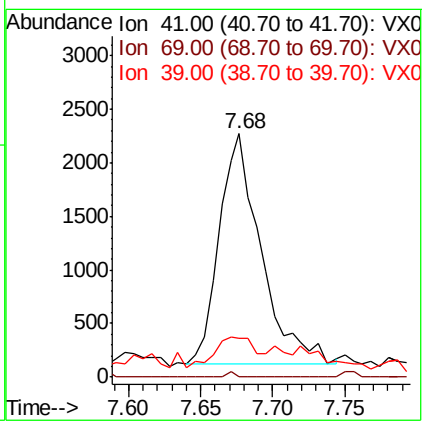


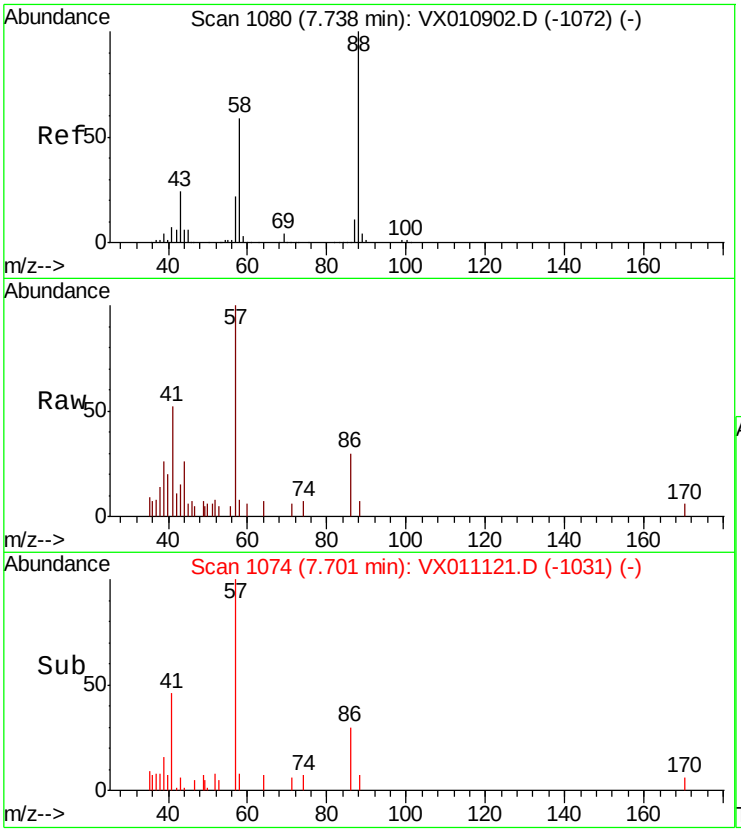


#48
Methyl methacrylate
Concen: 2.005 ug/l
RT: 7.68 min Scan# 1070
Delta R.T. -0.09 min
Lab File: VX011121.D
Acq: 27 Jul 2019 04:16

Tgt Ion: 41 Resp: 4340

Ion	Ratio	Lower	Upper
41	100		
69	0.5	74.4	111.6#
39	0.0	48.9	73.3#



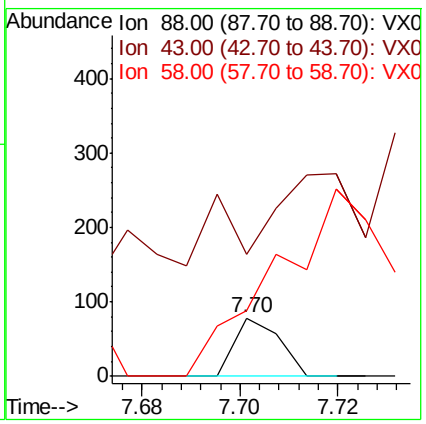


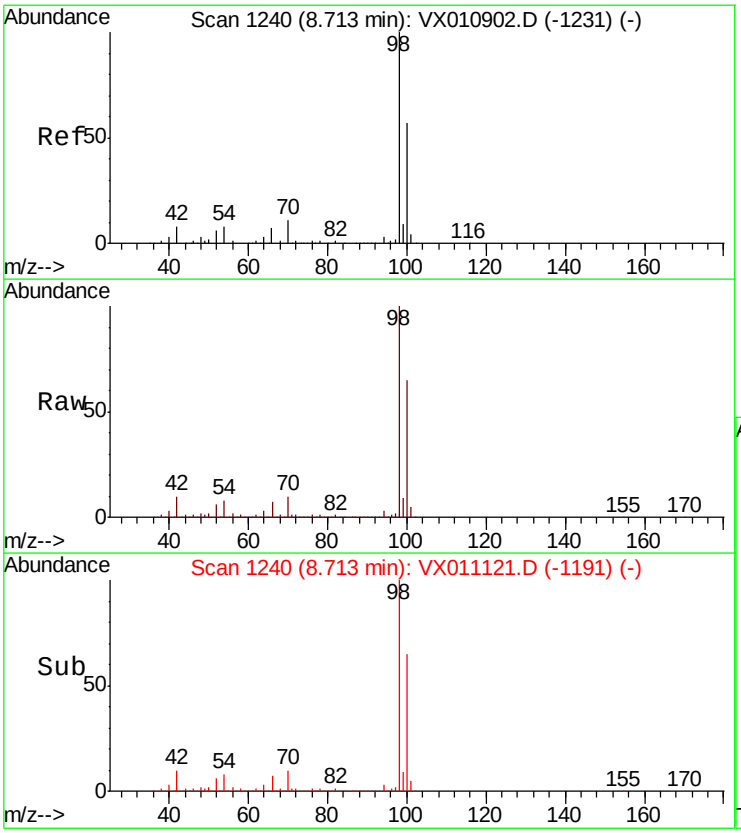
#49
1,4-Dioxane
Concen: 0.826 ug/l
RT: 7.70 min Scan# 1074
Delta R.T. -0.04 min
Lab File: VX011121.D
Acq: 27 Jul 2019 04:16

Instrument :
MSVOA_X
ClientSampleId :
BU-03-072419

Tgt Ion: 88 Resp: 50

Ion	Ratio	Lower	Upper
88	100		
43	0.0	22.9	34.3#
58	840.0	49.8	74.8#

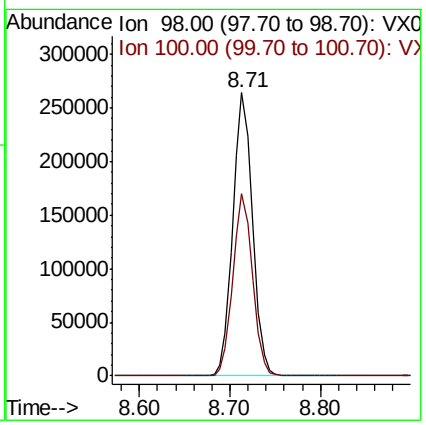


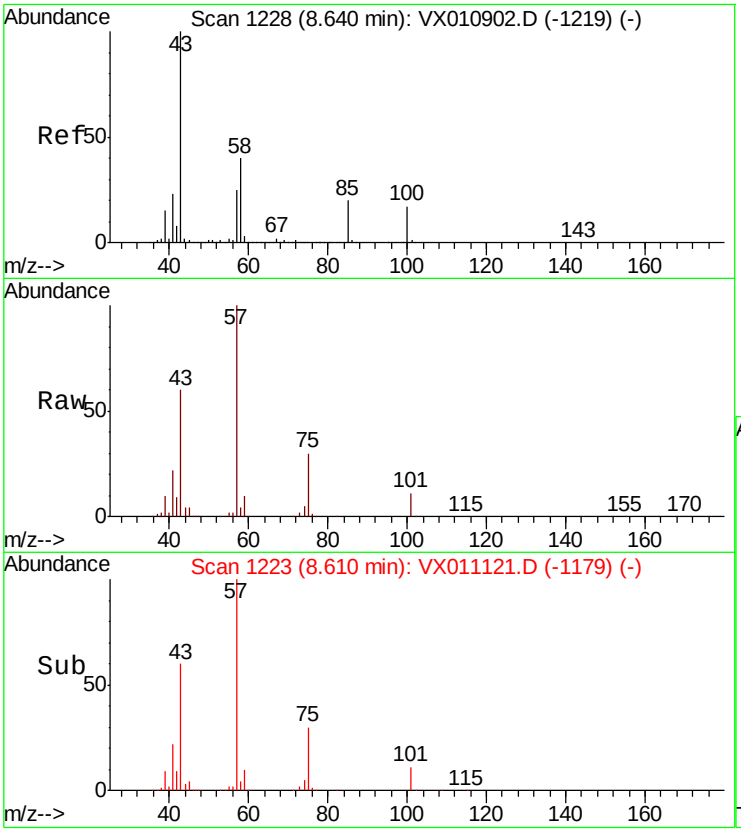


#50
Toluene-d8
Concen: 52.102 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX011121.D
Acq: 27 Jul 2019 04:16

Tgt Ion: 98 Resp: 398502

Ion	Ratio	Lower	Upper
98	100		
100	64.2	50.6	75.8



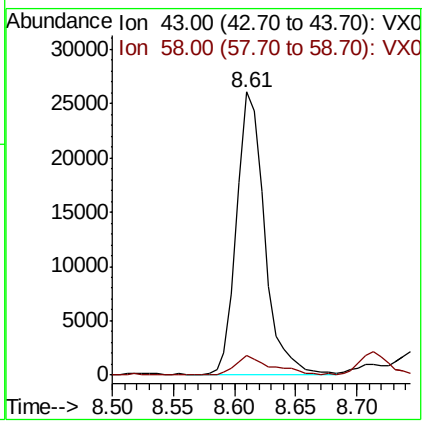


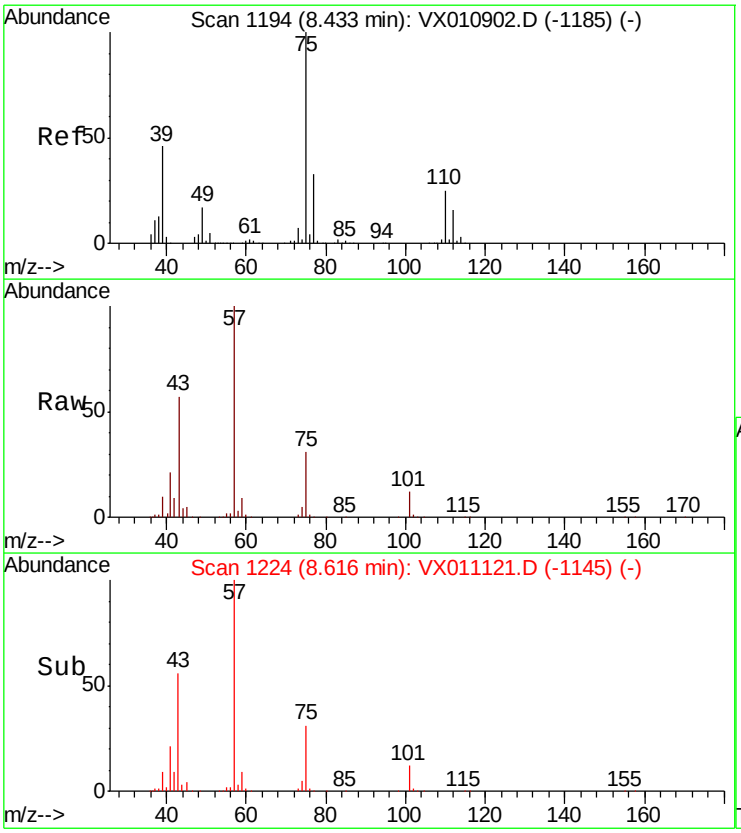
#51
4-Methyl-2-Pentanone
Concen: 14.289 ug/l
RT: 8.61 min Scan# 1223
Delta R.T. -0.03 min
Lab File: VX011121.D
Acq: 27 Jul 2019 04:16

Instrument :
MSVOA_X
ClientSampleId :
BU-03-072419

Tgt Ion: 43 Resp: 41159

Ion	Ratio	Lower	Upper
43	100		
58	9.1	32.2	48.4#

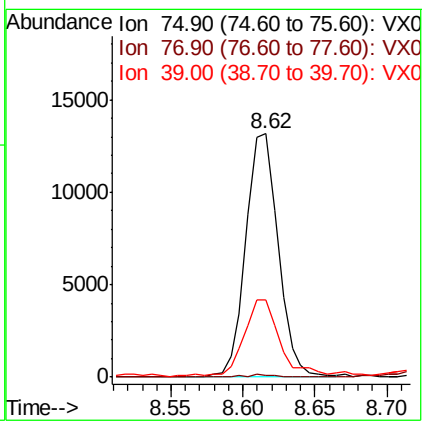


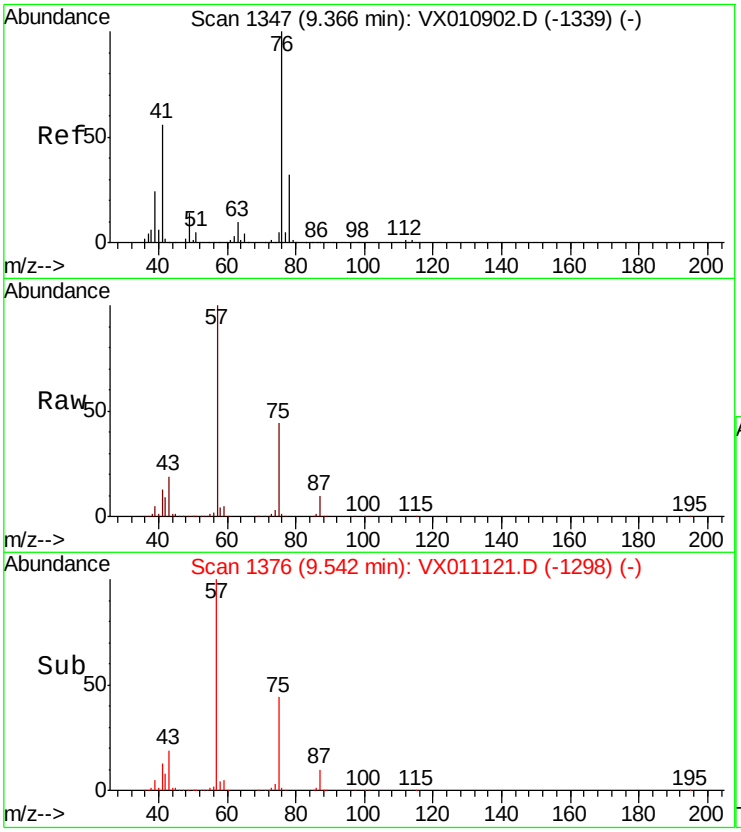


#54
cis-1,3-Dichloropropene
Concen: 6.529 ug/l
RT: 8.62 min Scan# 1224
Delta R.T. 0.18 min
Lab File: VX011121.D
Acq: 27 Jul 2019 04:16

Tgt Ion: 75 Resp: 20444

Ion	Ratio	Lower	Upper
75	100		
77	0.9	26.1	39.1#
39	31.0	36.6	54.8#



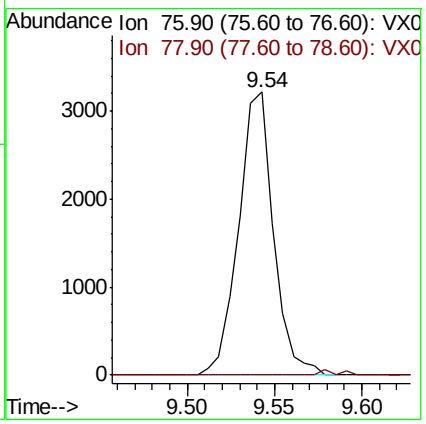


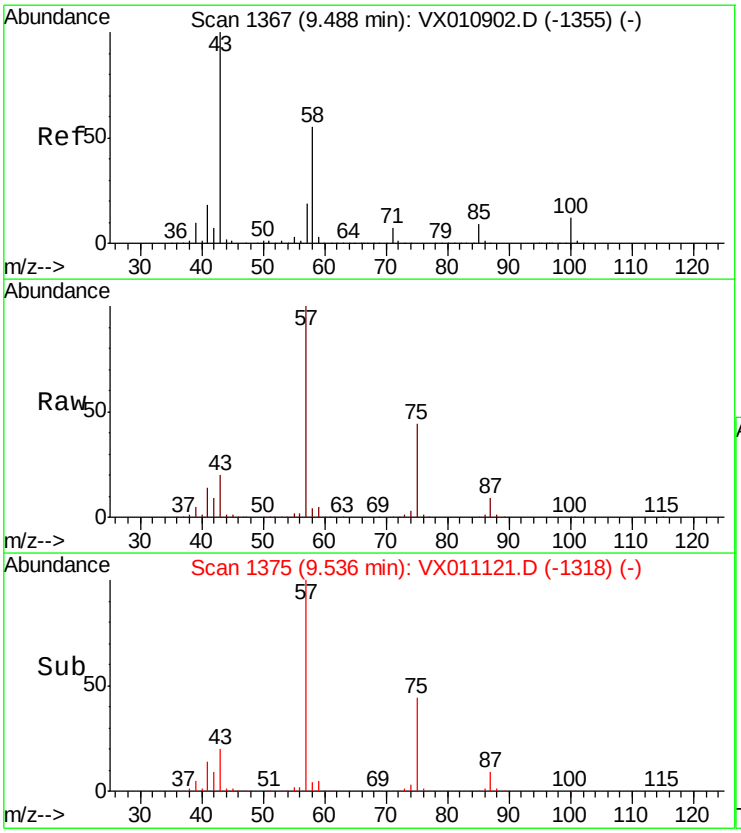
#57
1,3-Dichloropropane
Concen: 1.283 ug/l
RT: 9.54 min Scan# 1376
Delta R.T. 0.18 min
Lab File: VX011121.D
Acq: 27 Jul 2019 04:16

Instrument :
MSVOA_X
ClientSampleId :
BU-03-072419

Tgt Ion: 76 Resp: 4452

Ion	Ratio	Lower	Upper
76	100		
78	0.0	25.6	38.4#

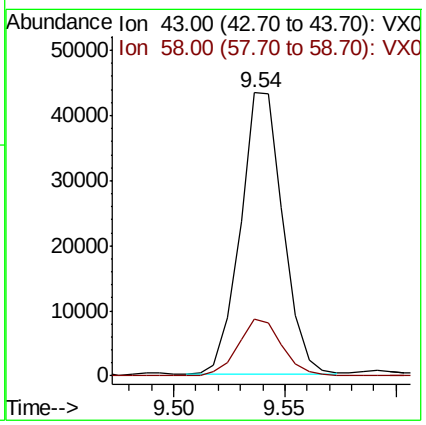


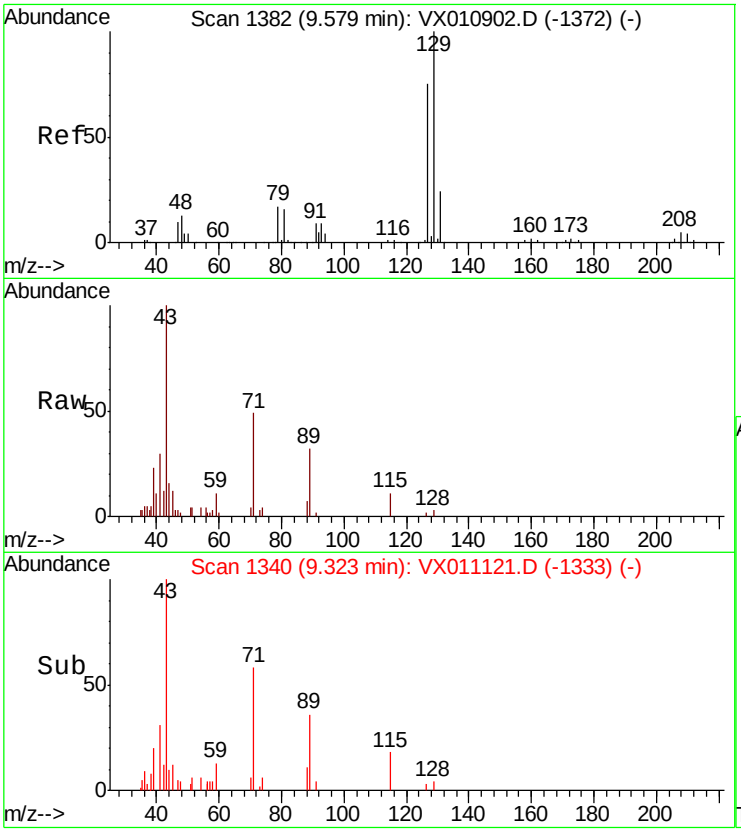


#59
2-Hexanone
Concen: 25.671 ug/l
RT: 9.54 min Scan# 1375
Delta R.T. 0.05 min
Lab File: VX011121.D
Acq: 27 Jul 2019 04:16

Tgt Ion: 43 Resp: 57351

Ion	Ratio	Lower	Upper
43	100		
58	21.2	28.0	83.9#



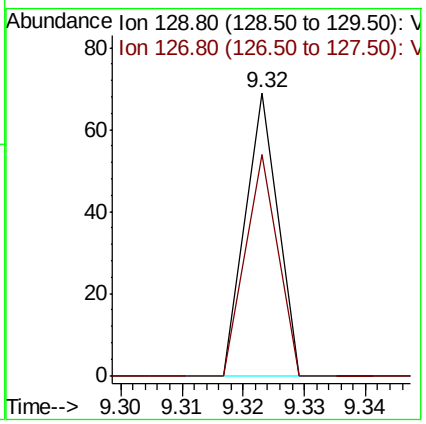


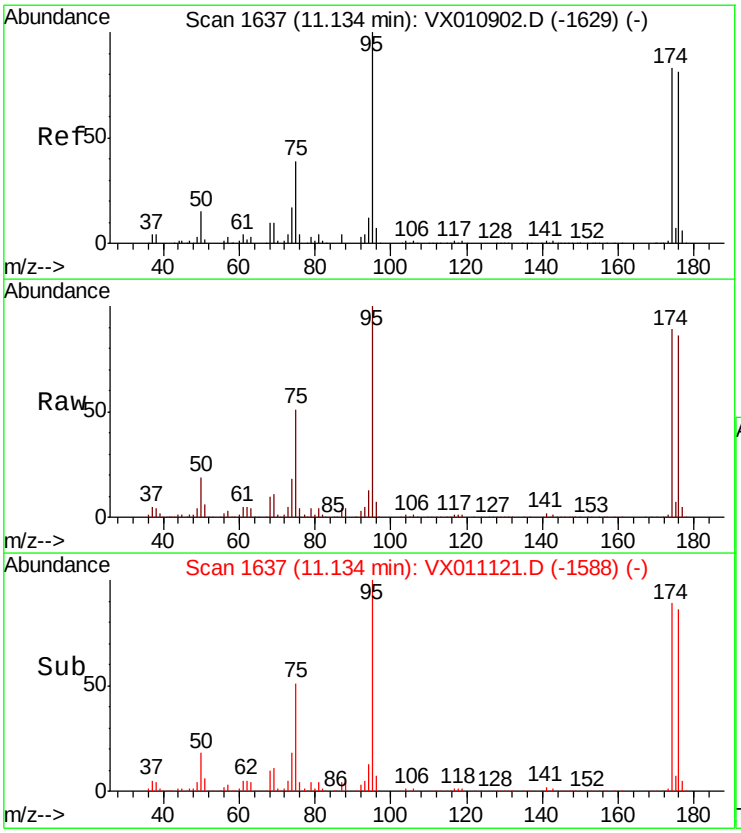
#60
Dibromochloromethane
Concen: 2.537 ug/l
RT: 9.32 min Scan# 1340
Delta R.T. -0.26 min
Lab File: VX011121.D
Acq: 27 Jul 2019 04:16

Instrument :
MSVOA_X
ClientSampleId :
BU-03-072419

Tgt Ion:129 Resp: 25

Ion	Ratio	Lower	Upper
129	100		
127	80.0	38.6	115.8

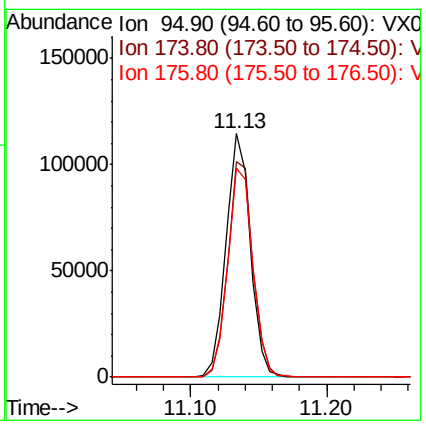


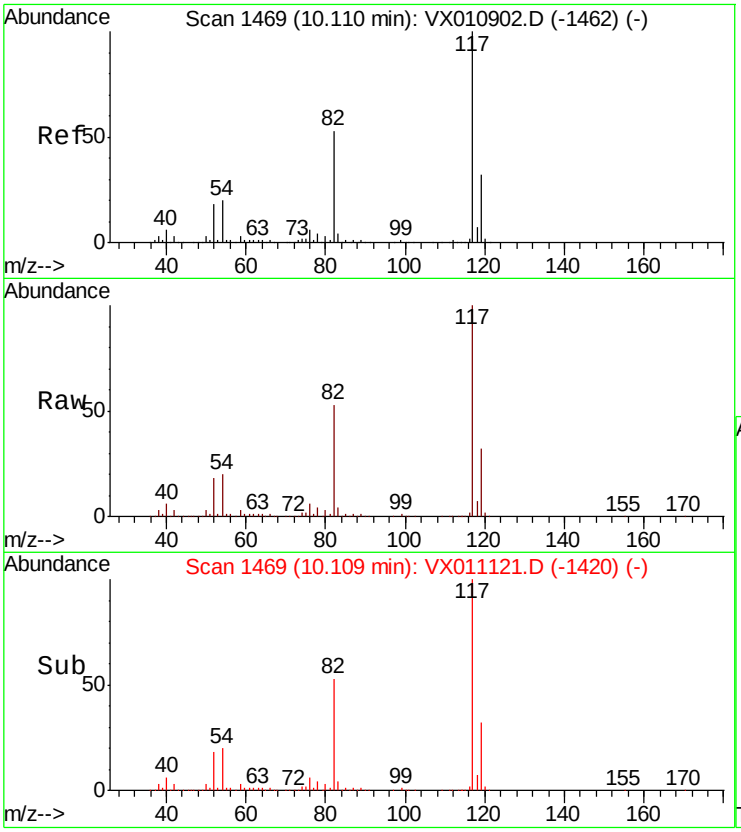


#62
4-Bromofluorobenzene
Concen: 50.589 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX011121.D
Acq: 27 Jul 2019 04:16

Tgt Ion: 95 Resp: 142223

Ion	Ratio	Lower	Upper
95	100		
174	91.2	0.0	180.6
176	89.0	0.0	173.8



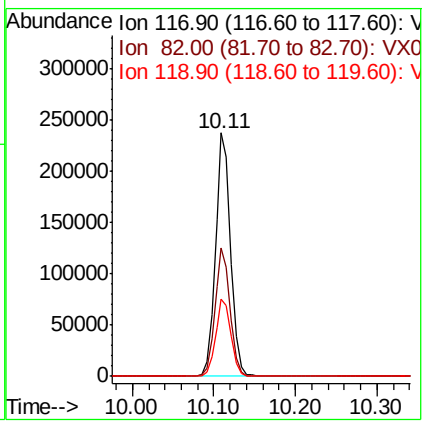


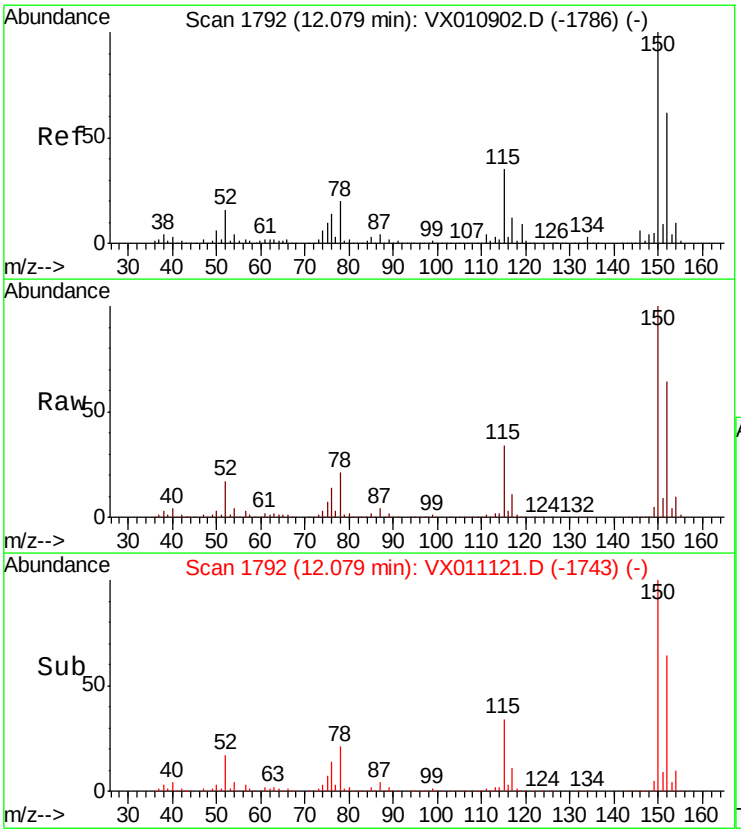
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX011121.D
Acq: 27 Jul 2019 04:16

Instrument : MSVOA_X
ClientSampleId : BU-03-072419

Tgt Ion:117 Resp: 309902

Ion	Ratio	Lower	Upper
117	100		
82	52.7	42.6	63.8
119	31.8	25.9	38.9

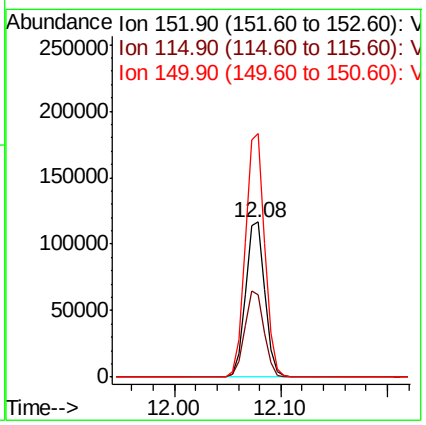


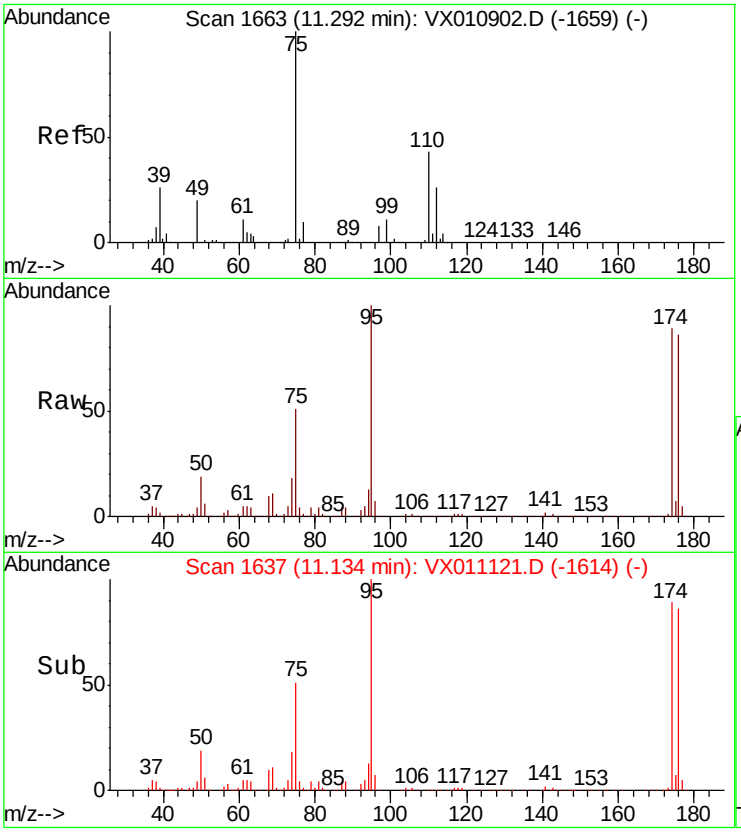


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX011121.D
Acq: 27 Jul 2019 04:16

Tgt Ion:152 Resp: 148275

Ion	Ratio	Lower	Upper
152	100		
115	56.0	39.7	119.1
150	157.6	0.0	345.6



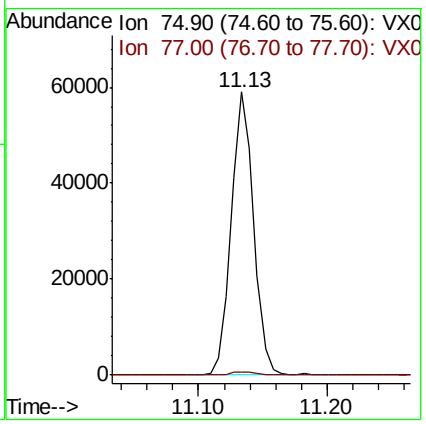


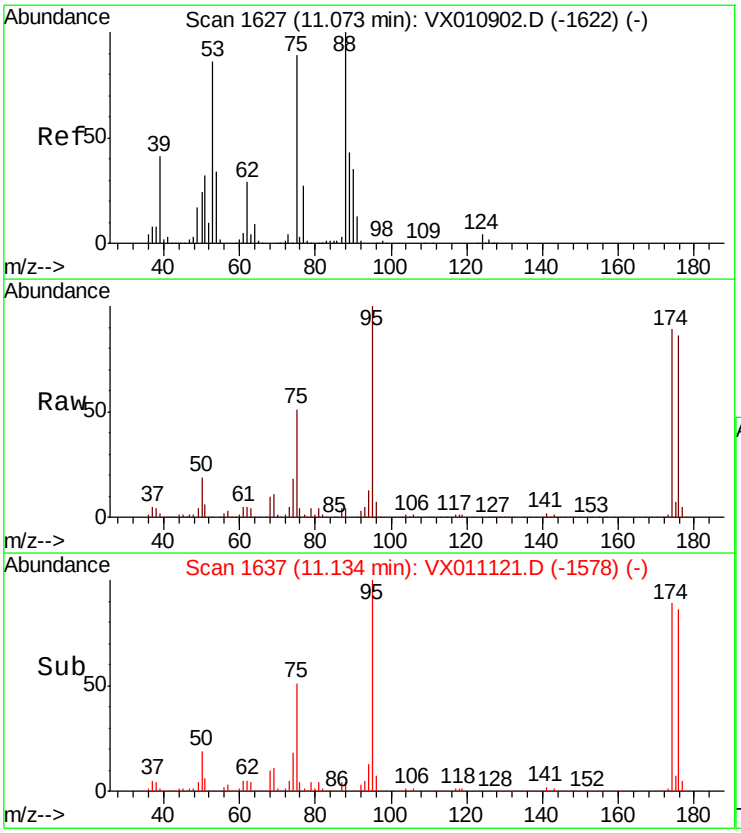
#76
1,2,3-Trichloropropane
Concen: 26.859 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX011121.D
Acq: 27 Jul 2019 04:16

Instrument :
MSVOA_X
ClientSampleId :
BU-03-072419

Tgt Ion: 75 Resp: 71866

Ion	Ratio	Lower	Upper
75	100		
77	1.2	21.3	64.0#

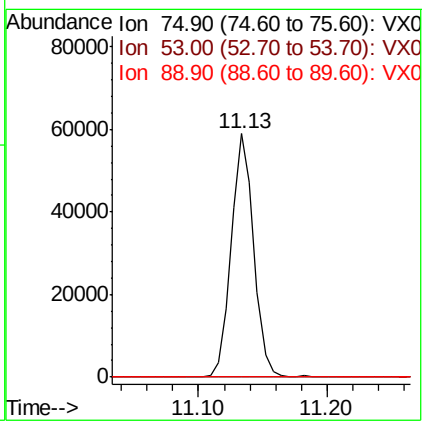


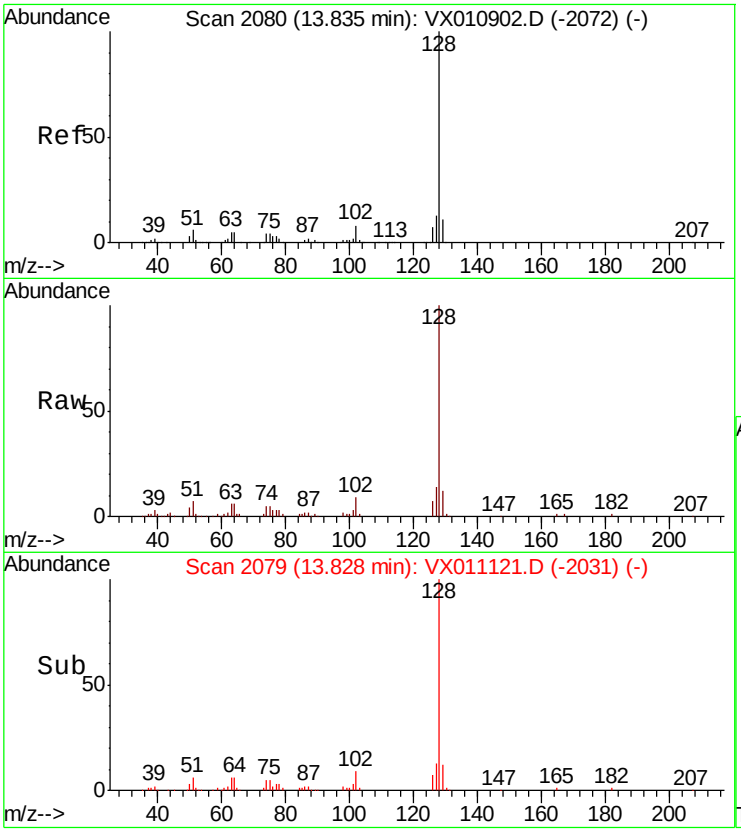


#81
trans-1,4-Dichloro-2-butene
Concen: 66.612 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX011121.D
Acq: 27 Jul 2019 04:16

Tgt Ion: 75 Resp: 71866

Ion	Ratio	Lower	Upper
75	100		
53	0.2	76.7	115.1#
89	0.1	38.5	57.7#





#95
Naphthalene
Concen: 2.025 ug/l
RT: 13.83 min Scan# 2079
Delta R.T. -0.01 min
Lab File: VX011121.D
Acq: 27 Jul 2019 04:16

Instrument :
MSVOA_X
ClientSampleId :
BU-03-072419

Tgt Ion:128 Resp: 19264

Ion	Ratio	Lower	Upper
128	100		
127	14.6	10.4	15.6
129	11.8	8.9	13.3