Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX081119\
Data File : VX011456.D
Acq On : 12 Aug 2019 01:58
Operator : JC/SP
Sample : K4095-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : SU-04-080919-A

Quant Time: Aug 12 07:57:24 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 02 01:55:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	199410	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	301557	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	275654	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	125145	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	107793	53.68	ug/l	0.00
Spiked Amount 50.000			Recovery = 107.36%			
35) Dibromofluoromethane	5.49	113	91651	46.55	ug/l	0.00
Spiked Amount 50.000			Recovery = 93.10%			
50) Toluene-d8	8.71	98	360108	48.46	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.92%			
62) 4-Bromofluorobenzene	11.13	95	119973	45.22	ug/l	0.00
Spiked Amount 50.000			Recovery = 90.44%			
Target Compounds						Qvalue
3) Chloromethane	1.32	50	372	0.215	ug/l	97
5) Bromomethane	1.64	94	369	0.272	ug/l #	50
6) Chloroethane	1.71	64	196	Below Cal	#	82
11) Tert butyl alcohol	3.01	59	2860	7.164	ug/l #	83
13) Acrolein	2.28	56	95	Below Cal	#	34
16) Acetone	2.43	43	5206	5.446	ug/l	97
18) Methyl Acetate	2.76	43	1969	0.901	ug/l	94
20) Methylene Chloride	2.85	84	11602	5.542	ug/l	96
25) 2-Butanone	4.68	43	760	0.559	ug/l	93
30) Chloroform	5.20	83	3648	1.071	ug/l #	82
31) Cyclohexane	5.65	56	3819	1.477	ug/l #	1
36) 1,1-Dichloropropene	5.65	75	13517	5.134	ug/l #	50
38) Carbon Tetrachloride	5.65	117	19088	7.206	ug/l #	14
43) Isopropyl Acetate	6.44	43	33448	7.922	ug/l	99
47) Bromodichloromethane	7.90	83	737	0.293	ug/l #	94
48) Methyl methacrylate	7.67	41	1881	0.947	ug/l #	10
49) 1,4-Dioxane	7.87	88	181	3.142	ug/l #	1
51) 4-Methyl-2-Pentanone	8.61	43	33047	12.128	ug/l #	51
53) t-1,3-Dichloropropene	9.02	75	131	2.881	ug/l #	43
54) cis-1,3-Dichloropropene	8.61	75	15949	5.429	ug/l #	66
56) Ethyl methacrylate	9.30	69	796	0.262	ug/l #	1
57) 1,3-Dichloropropane	9.54	76	3286	0.973	ug/l #	48
59) 2-Hexanone	9.54	43	40976	19.414	ug/l #	51
74) N-amyl acetate	10.83	43	1619	0.523	ug/l #	47
76) 1,2,3-Trichloropropane	11.13	75	61007	26.769	ug/l #	35
80) 1,3,5-Trimethylbenzene	11.51	105	2147	0.300	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.13	75	61007	69.535	ug/l #	10
95) Naphthalene	13.83	128	3723	0.456	ug/l #	93

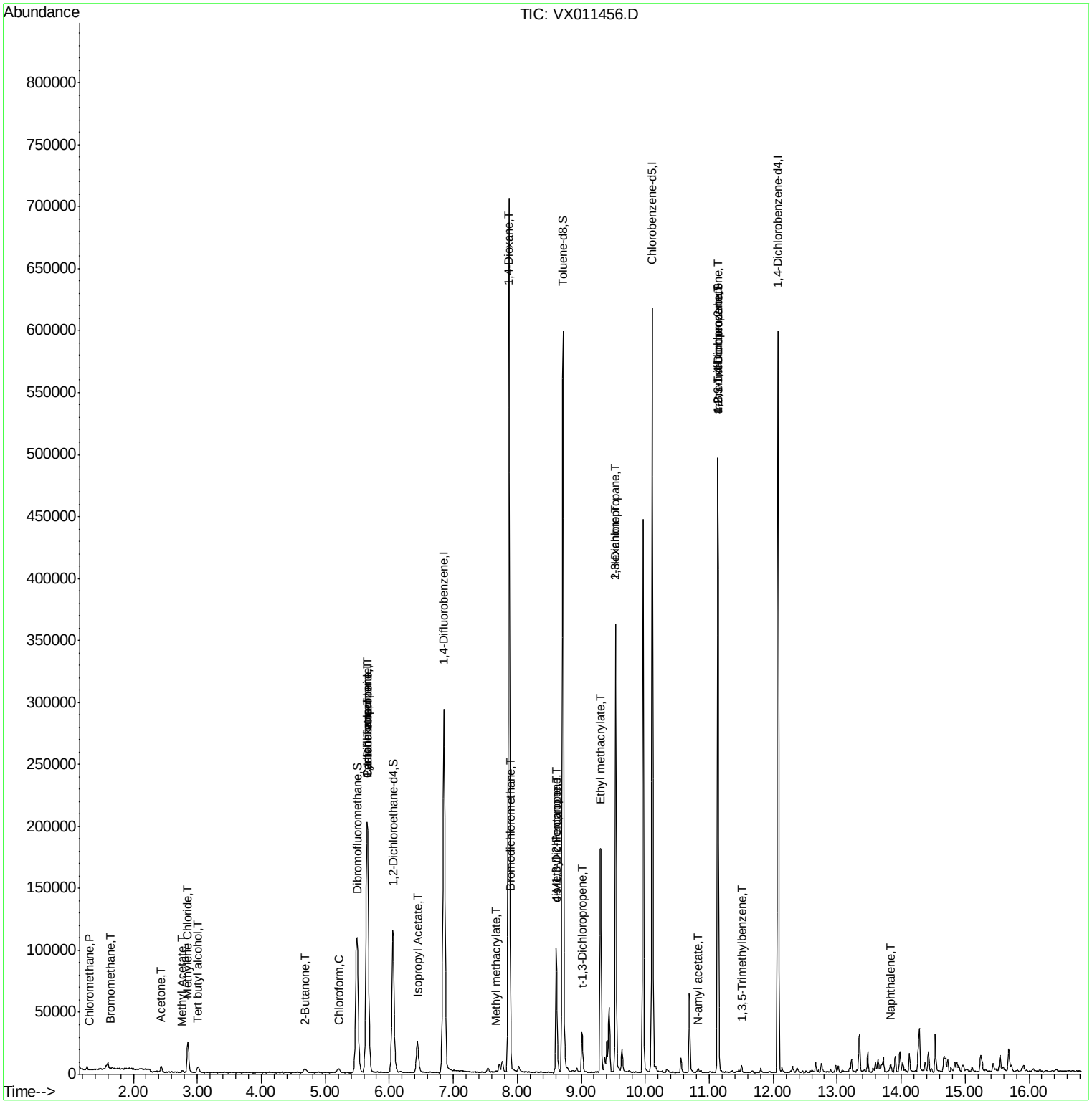
(#) = qualifier out of range (m) = manual integration (+) = signals summed

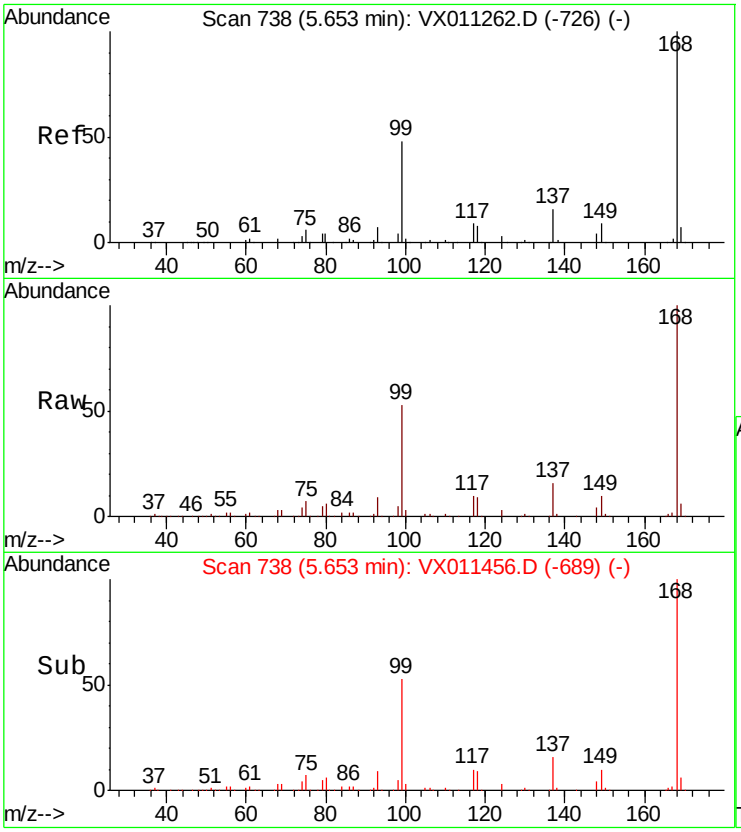
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX081119\
Data File : VX011456.D
Acq On : 12 Aug 2019 01:58
Operator : JC/SP
Sample : K4095-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SU-04-080919-A

Quant Time: Aug 12 07:57:24 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 02 01:55:00 2019
Response via : Initial Calibration



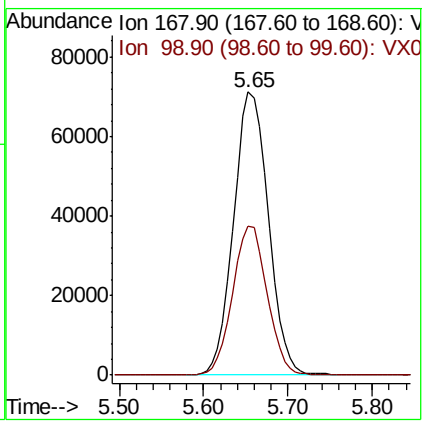


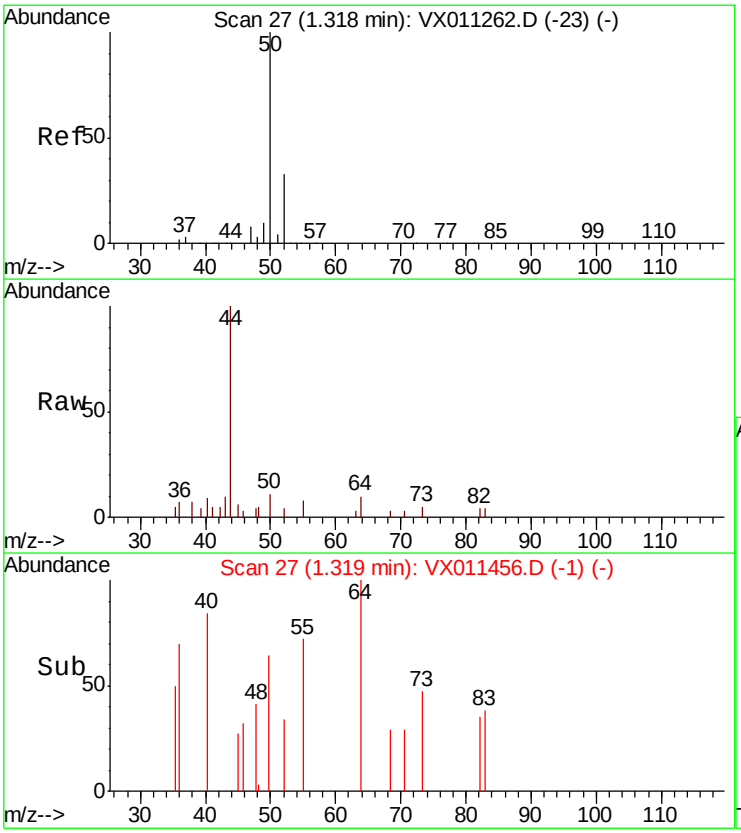
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 738
Delta R.T. 0.00 min
Lab File: VX011456.D
Acq: 12 Aug 2019 01:58

Instrument :
MSVOA_X
ClientSampleId :
SU-04-080919-A

Tgt Ion:168 Resp: 199410

Ion	Ratio	Lower	Upper
168	100		
99	52.7	38.5	57.7

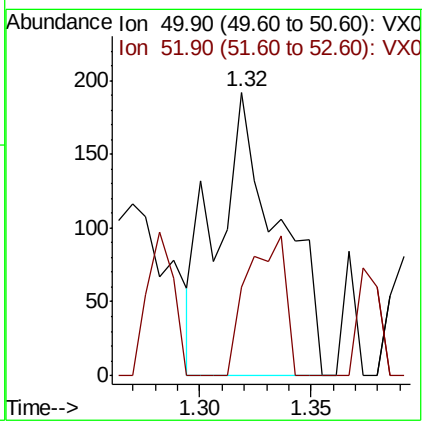


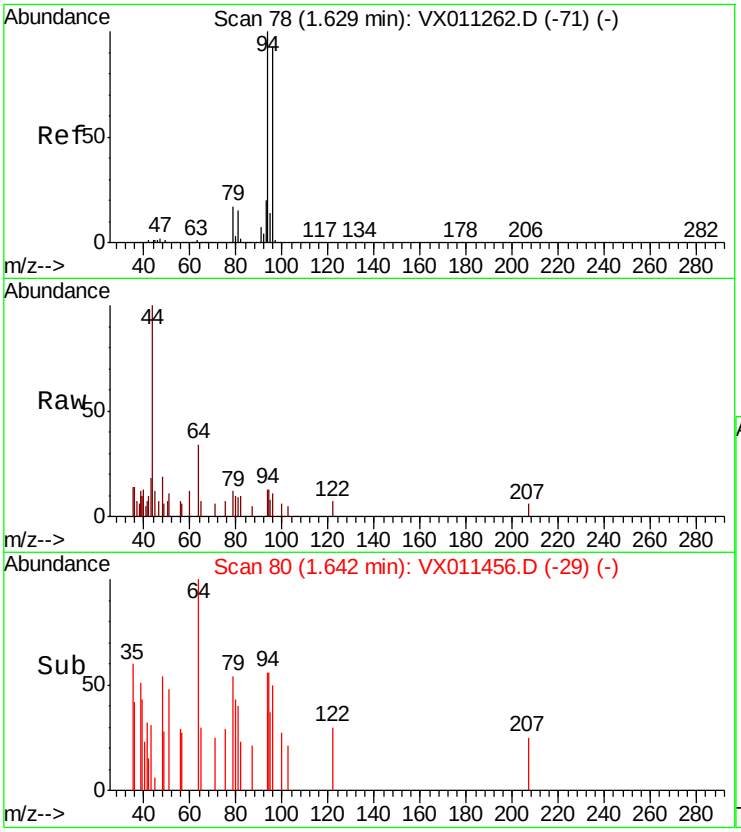


#3
Chloromethane
Concen: 0.215 ug/l
RT: 1.32 min Scan# 27
Delta R.T. 0.00 min
Lab File: VX011456.D
Acq: 12 Aug 2019 01:58

Tgt Ion: 50 Resp: 372

Ion	Ratio	Lower	Upper
50	100		
52	31.3	26.4	39.6



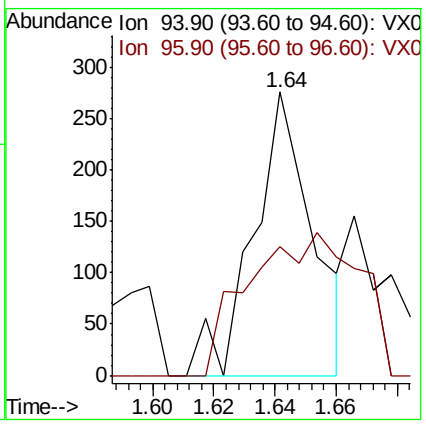


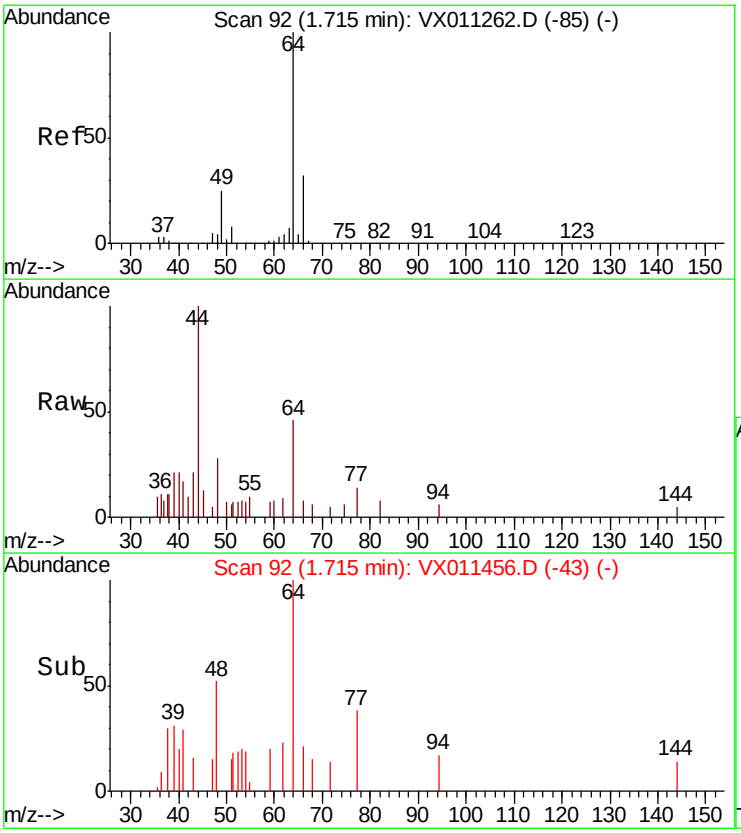
#5
Bromomethane
Concen: 0.272 ug/l
RT: 1.64 min Scan# 80
Delta R.T. 0.01 min
Lab File: VX011456.D
Acq: 12 Aug 2019 01:58

Instrument :
MSVOA_X
ClientSampleId :
SU-04-080919-A

Tgt Ion: 94 Resp: 369

Ion	Ratio	Lower	Upper
94	100		
96	45.3	74.6	112.0#

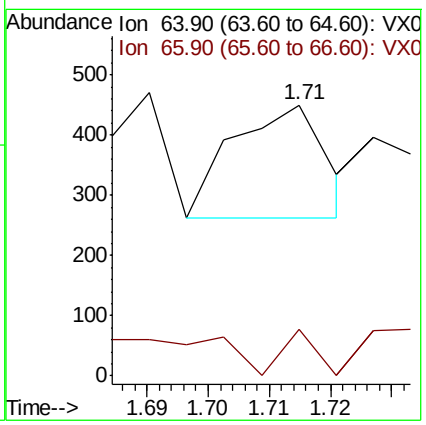


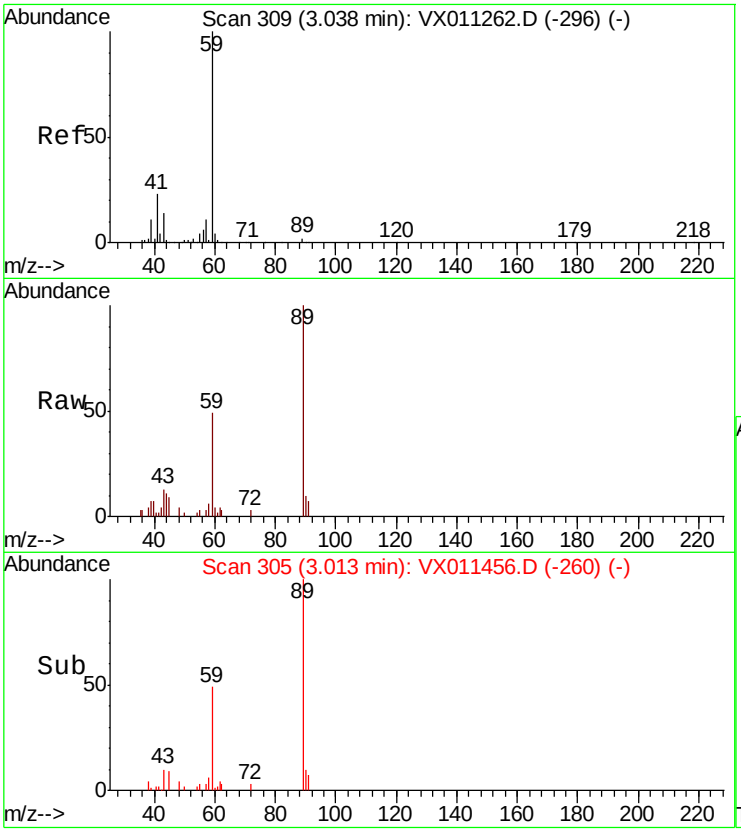


#6
Chloroethane
Concen: Below Cal
RT: 1.71 min Scan# 92
Delta R.T. 0.00 min
Lab File: VX011456.D
Acq: 12 Aug 2019 01:58

Tgt Ion: 64 Resp: 196

Ion	Ratio	Lower	Upper
64	100		
66	41.2	25.1	37.7#



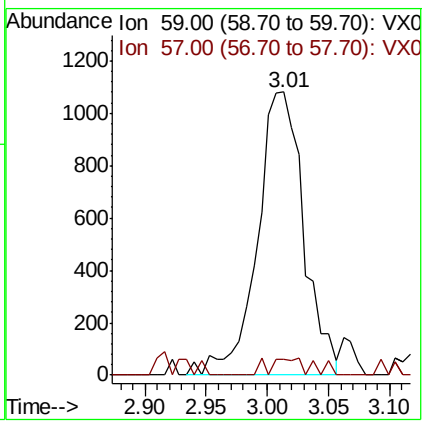


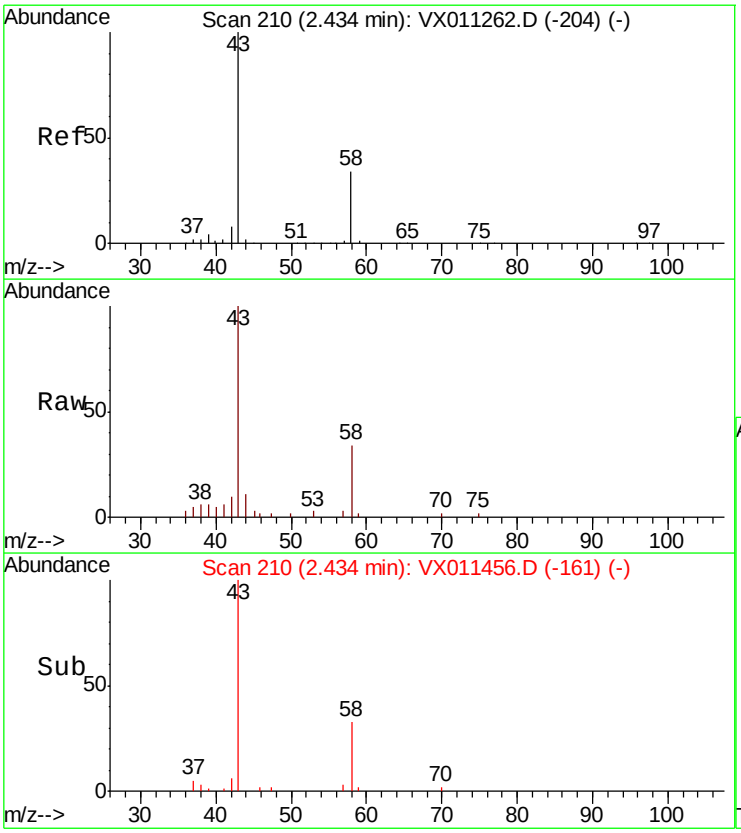
#11
Tert butyl alcohol
Concen: 7.164 ug/l
RT: 3.01 min Scan# 305
Delta R.T. -0.02 min
Lab File: VX011456.D
Acq: 12 Aug 2019 01:58

Instrument :
MSVOA_X
ClientSampleId :
SU-04-080919-A

Tgt Ion: 59 Resp: 2860

Ion	Ratio	Lower	Upper
59	100		
57	4.0	8.3	12.5#

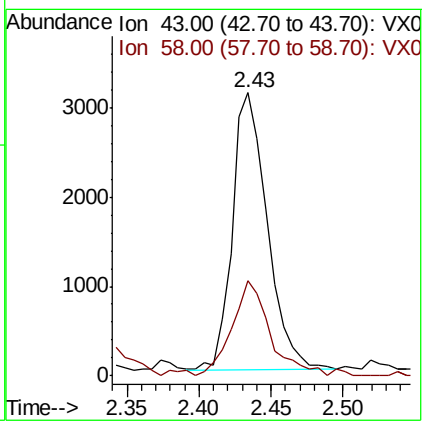


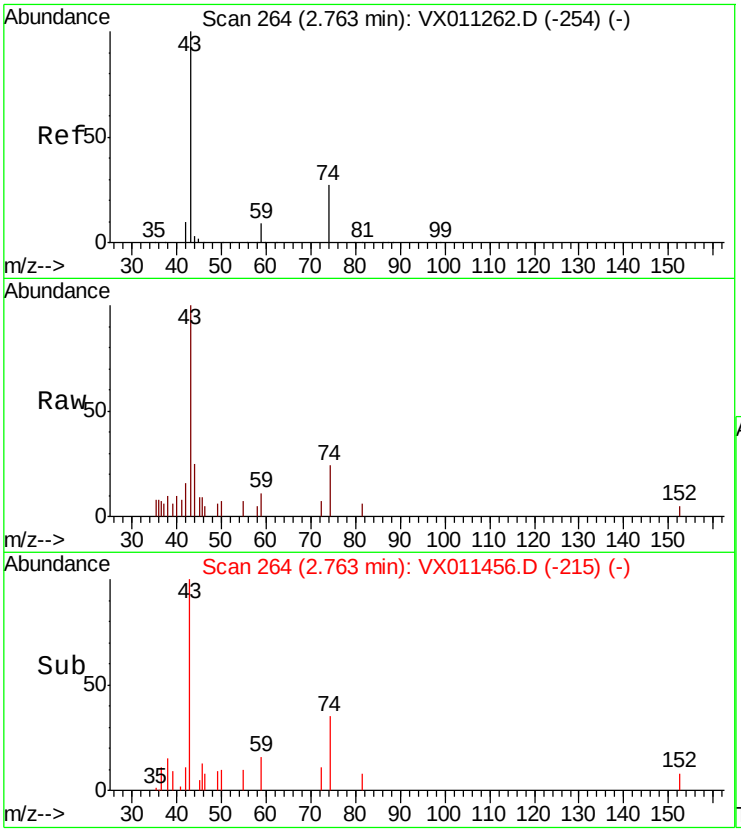


#16
Acetone
Concen: 5.446 ug/l
RT: 2.43 min Scan# 210
Delta R.T. 0.00 min
Lab File: VX011456.D
Acq: 12 Aug 2019 01:58

Tgt Ion: 43 Resp: 5206

Ion	Ratio	Lower	Upper
43	100		
58	32.7	27.4	41.0



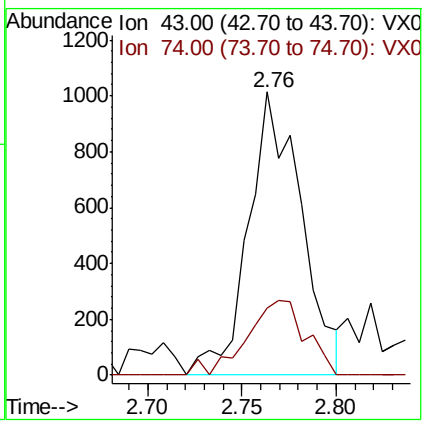


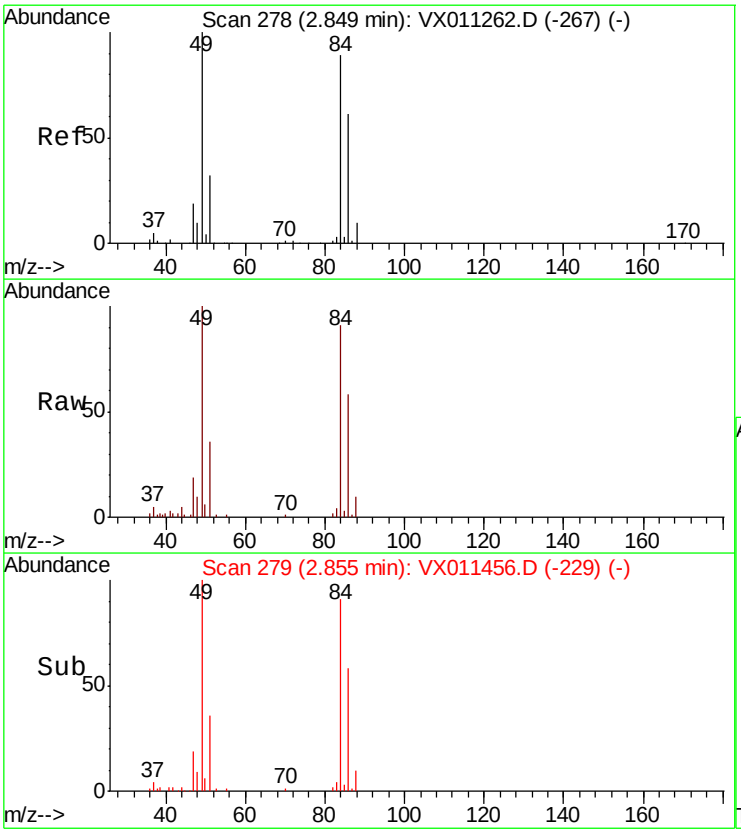
#18
Methyl Acetate
Concen: 0.901 ug/l
RT: 2.76 min Scan# 264
Delta R.T. 0.00 min
Lab File: VX011456.D
Acq: 12 Aug 2019 01:58

Instrument :
MSVOA_X
ClientSampleId :
SU-04-080919-A

Tgt Ion: 43 Resp: 1969

Ion	Ratio	Lower	Upper
43	100		
74	29.6	21.0	31.6

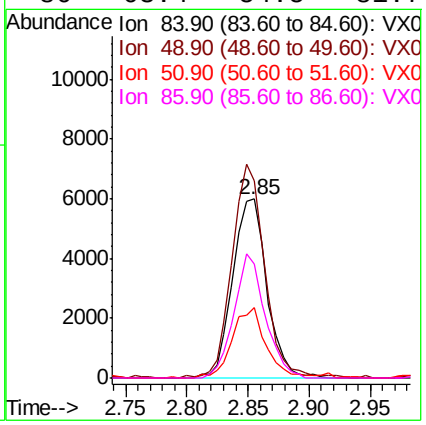


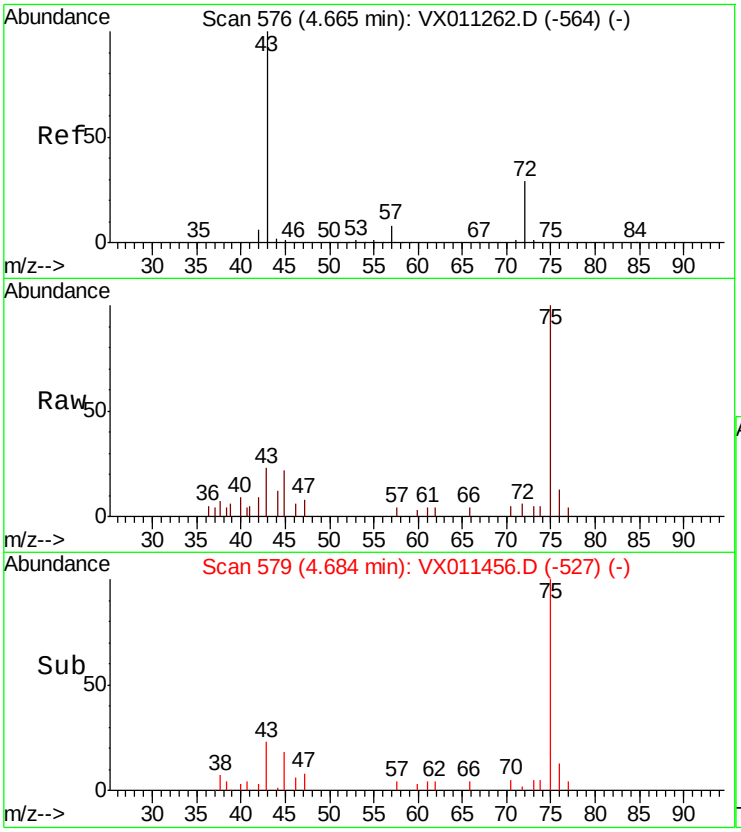


#20
Methylene Chloride
Concen: 5.542 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.01 min
Lab File: VX011456.D
Acq: 12 Aug 2019 01:58

Tgt Ion: 84 Resp: 11602

Ion	Ratio	Lower	Upper
84	100		
49	108.9	89.3	133.9
51	39.3	28.3	42.5
86	63.4	54.5	81.7



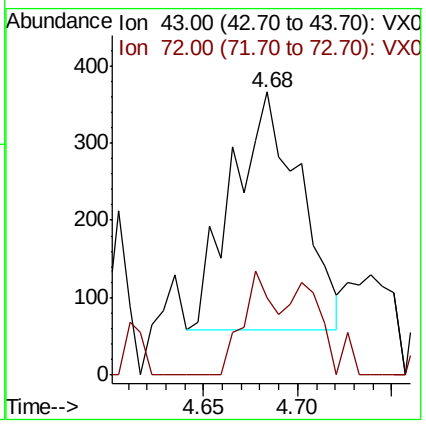


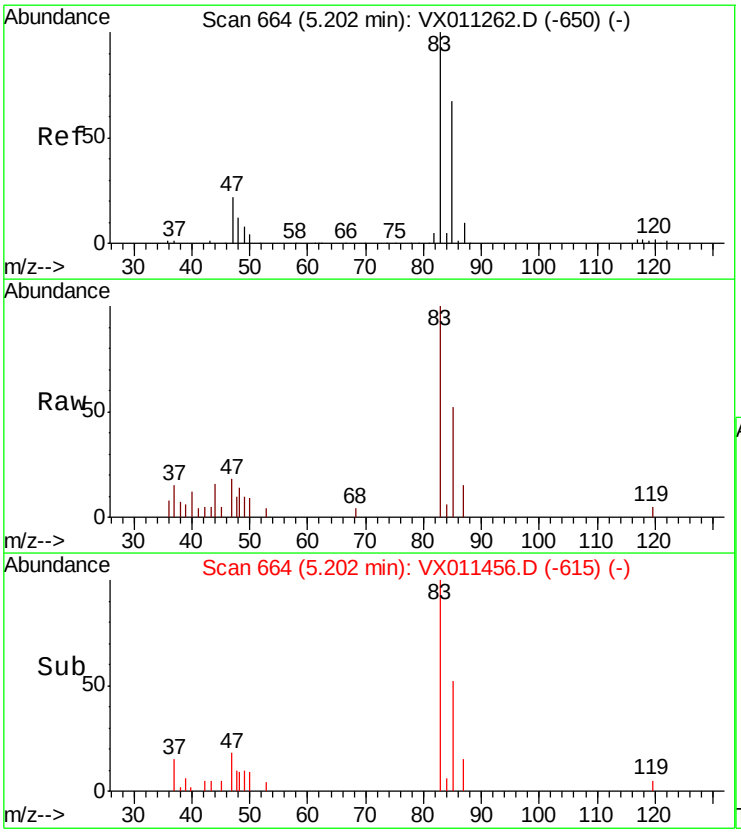
#25
2-Butanone
Concen: 0.559 ug/l
RT: 4.68 min Scan# 579
Delta R.T. 0.02 min
Lab File: VX011456.D
Acq: 12 Aug 2019 01:58

Instrument :
MSVOA_X
ClientSampleId :
SU-04-080919-A

Tgt Ion: 43 Resp: 760

Ion	Ratio	Lower	Upper
43	100		
72	32.6	23.2	34.8

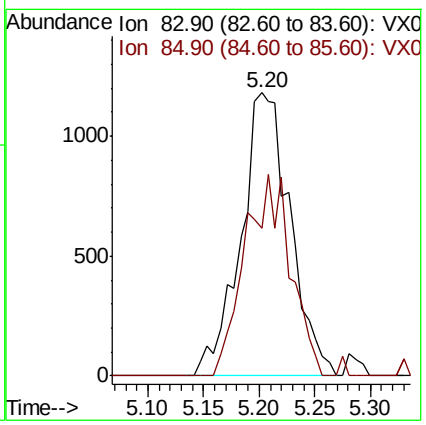


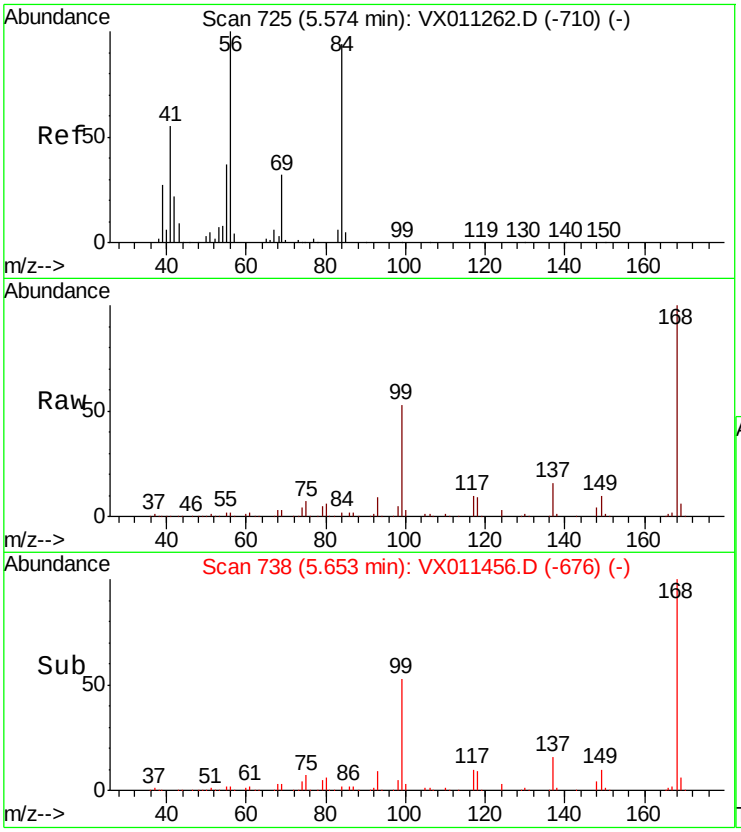


#30
Chloroform
Concen: 1.071 ug/l
RT: 5.20 min Scan# 664
Delta R.T. 0.00 min
Lab File: VX011456.D
Acq: 12 Aug 2019 01:58

Tgt Ion: 83 Resp: 3648

Ion	Ratio	Lower	Upper
83	100		
85	52.2	53.4	80.0#



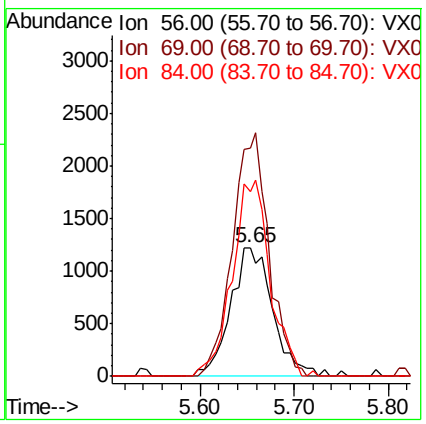


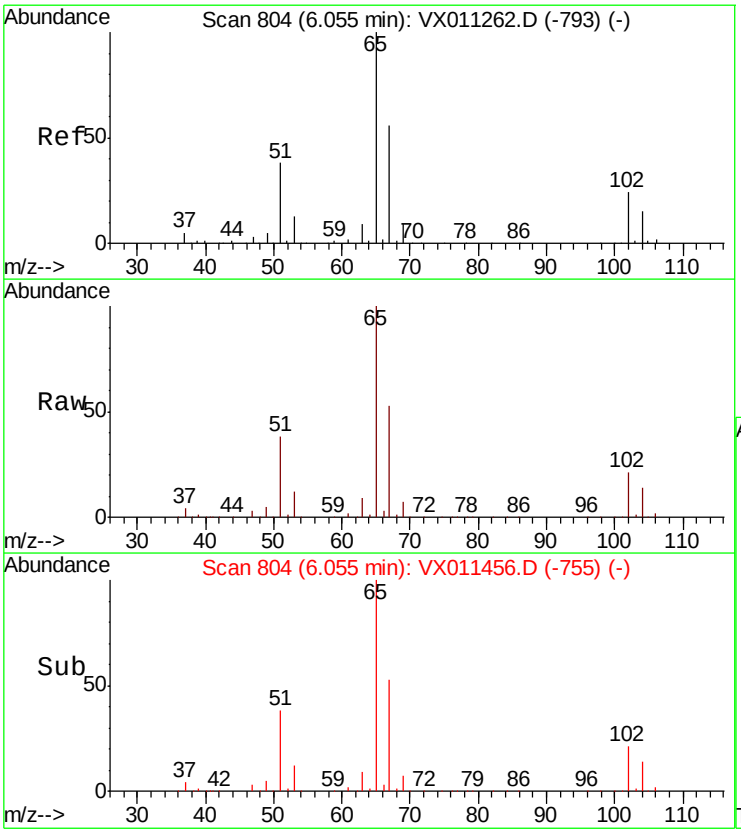
#31
Cyclohexane
Concen: 1.477 ug/l
RT: 5.65 min Scan# 738
Delta R.T. 0.08 min
Lab File: VX011456.D
Acq: 12 Aug 2019 01:58

Instrument :
MSVOA_X
ClientSampleId :
SU-04-080919-A

Tgt Ion: 56 Resp: 3819

Ion	Ratio	Lower	Upper
56	100		
69	178.1	25.5	38.3#
84	144.0	75.0	112.4#

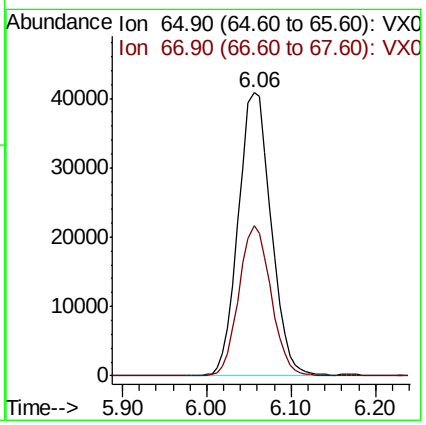


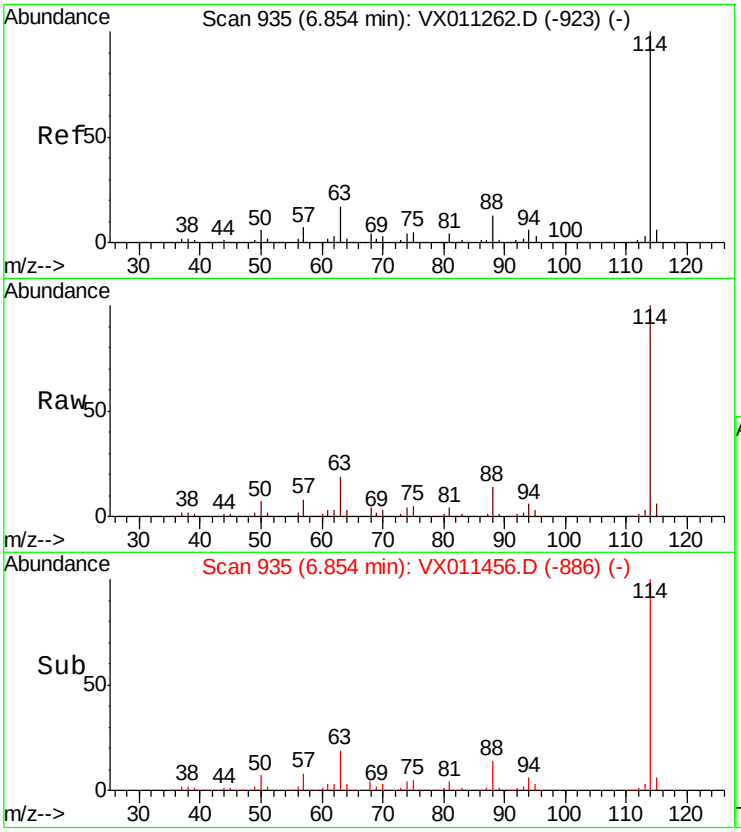


#33
1,2-Dichloroethane-d4
Concen: 53.677 ug/l
RT: 6.06 min Scan# 804
Delta R.T. 0.00 min
Lab File: VX011456.D
Acq: 12 Aug 2019 01:58

Tgt Ion: 65 Resp: 107793

Ion	Ratio	Lower	Upper
65	100		
67	51.8	0.0	110.6



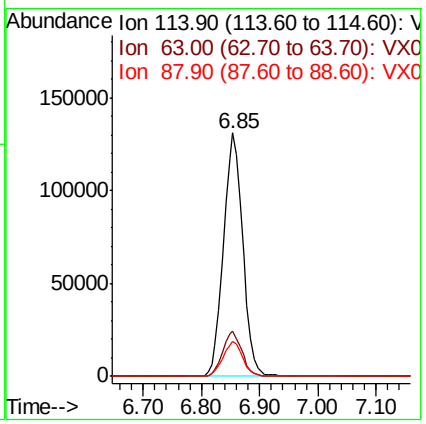


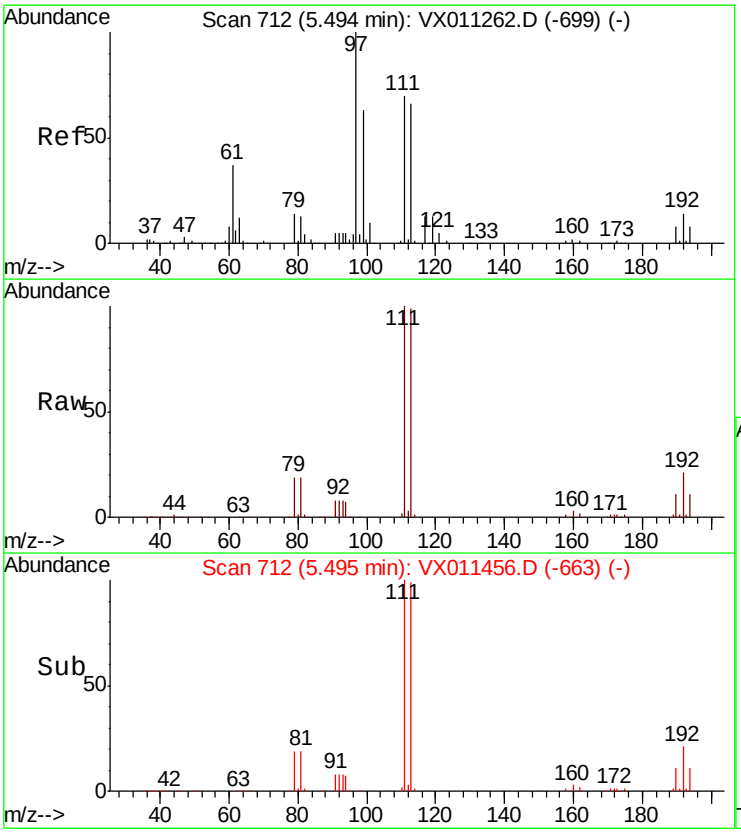
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 935
Delta R.T. 0.00 min
Lab File: VX011456.D
Acq: 12 Aug 2019 01:58

Instrument :
MSVOA_X
ClientSampleId :
SU-04-080919-A

Tgt Ion:114 Resp: 301557

Ion	Ratio	Lower	Upper
114	100		
63	18.7	0.0	34.0
88	14.3	0.0	26.4

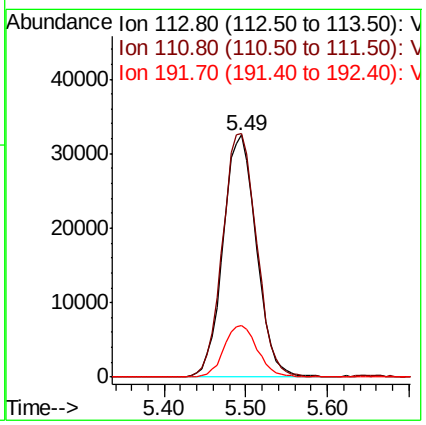


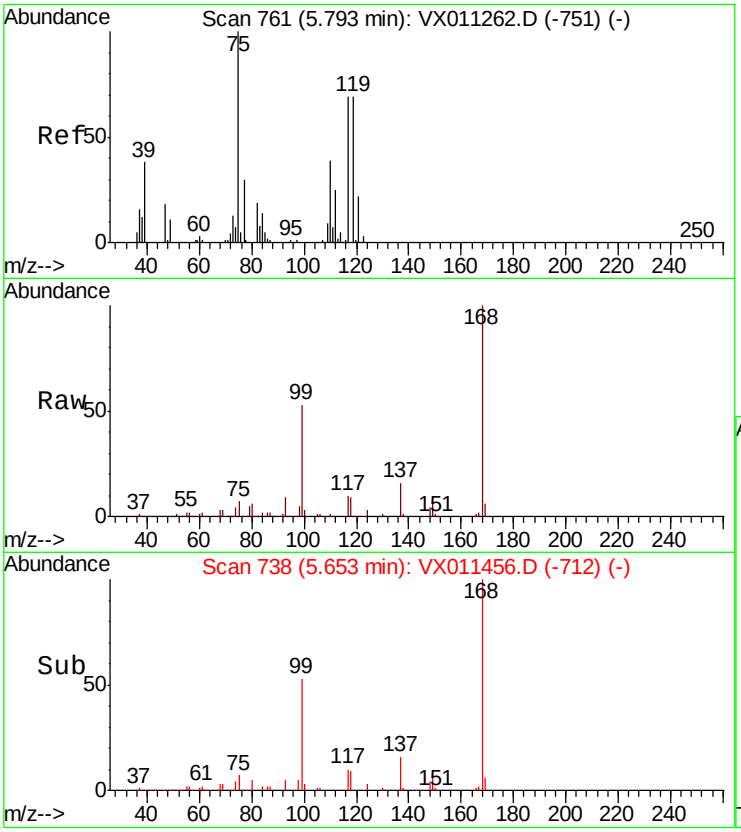


#35
Dibromofluoromethane
Concen: 46.552 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX011456.D
Acq: 12 Aug 2019 01:58

Tgt Ion:113 Resp: 91651

Ion	Ratio	Lower	Upper
113	100		
111	103.0	81.9	122.9
192	21.5	17.8	26.8



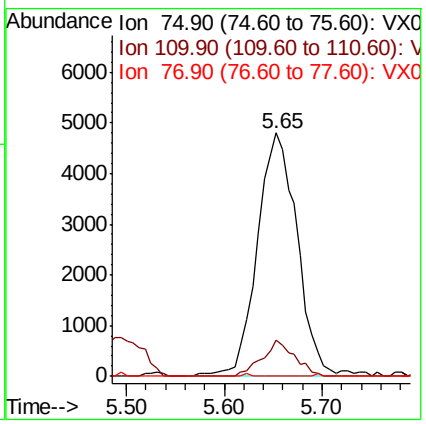


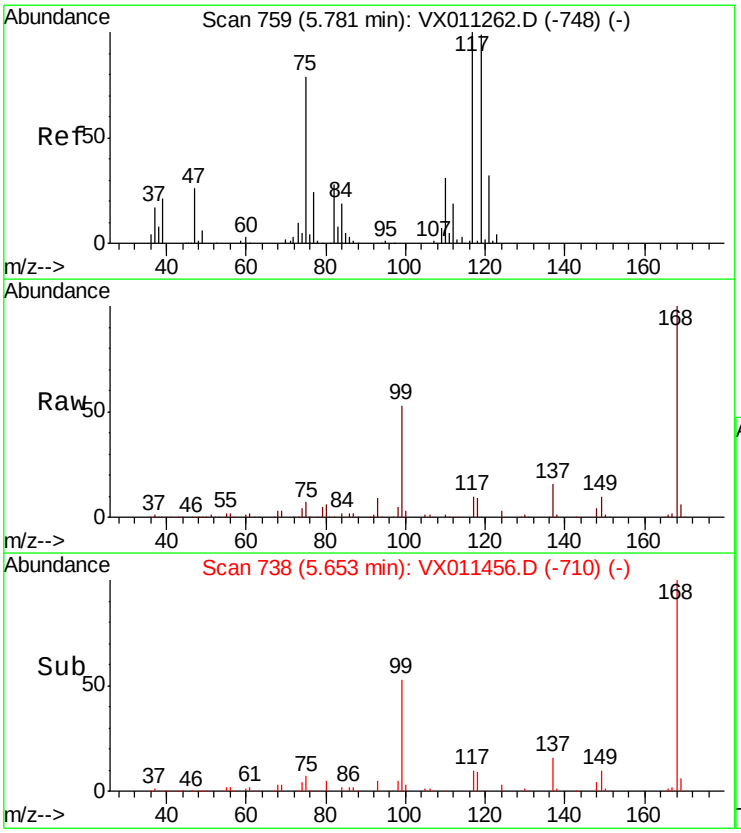
#36
1,1-Dichloropropene
Concen: 5.134 ug/l
RT: 5.65 min Scan# 738
Delta R.T. -0.14 min
Lab File: VX011456.D
Acq: 12 Aug 2019 01:58

Instrument :
MSVOA_X
ClientSampleId :
SU-04-080919-A

Tgt Ion: 75 Resp: 13517

Ion	Ratio	Lower	Upper
75	100		
110	12.1	20.0	59.9#
77	0.0	24.8	37.2#

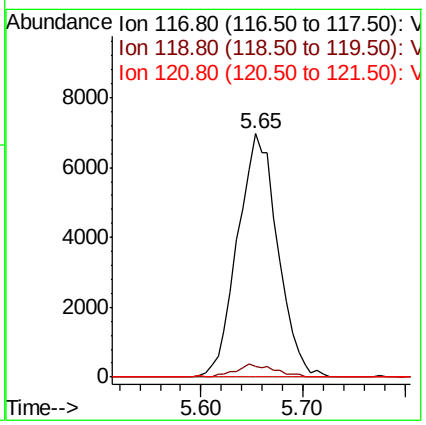


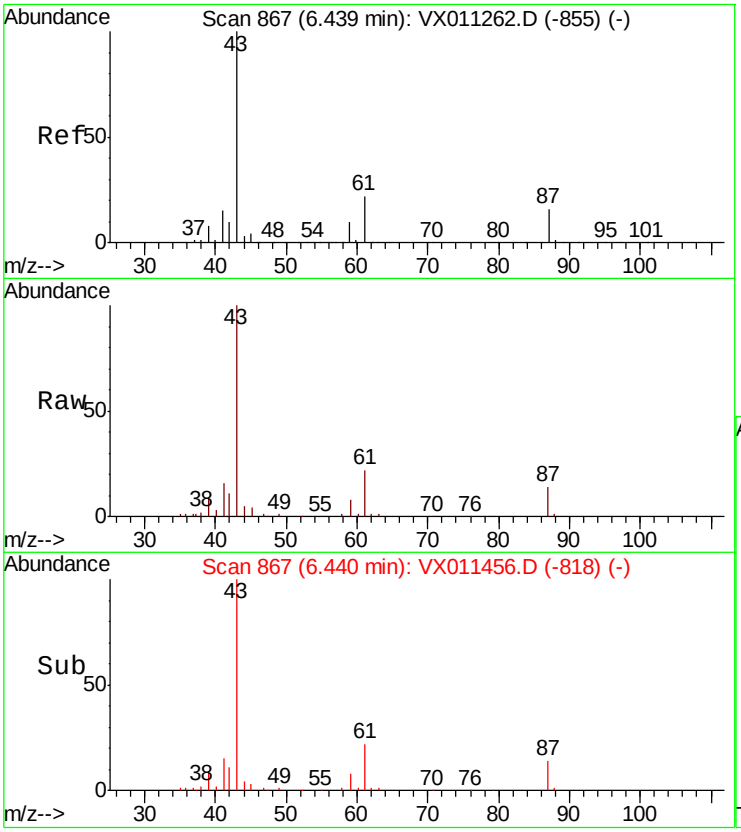


#38
Carbon Tetrachloride
Concen: 7.206 ug/l
RT: 5.65 min Scan# 738
Delta R.T. -0.13 min
Lab File: VX011456.D
Acq: 12 Aug 2019 01:58

Tgt Ion:117 Resp: 19088

Ion	Ratio	Lower	Upper
117	100		
119	4.2	79.0	118.4#
121	0.0	25.9	38.9#



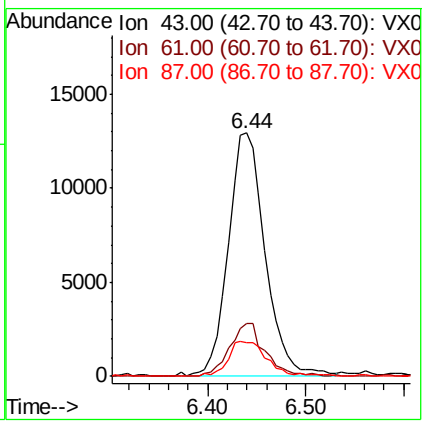


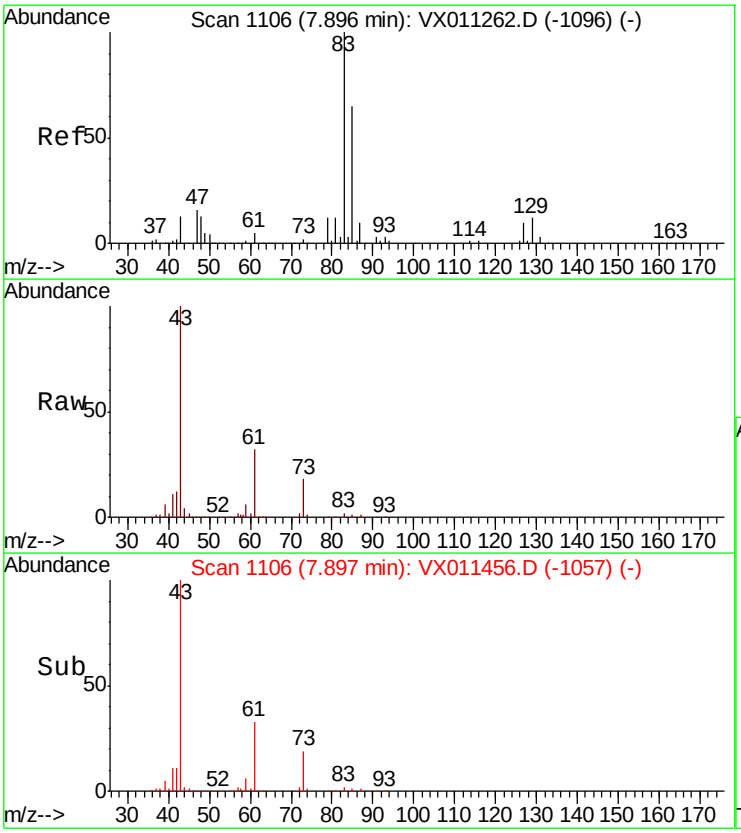
#43
Isopropyl Acetate
Concen: 7.922 ug/l
RT: 6.44 min Scan# 867
Delta R.T. 0.00 min
Lab File: VX011456.D
Acq: 12 Aug 2019 01:58

Instrument :
MSVOA_X
ClientSampleId :
SU-04-080919-A

Tgt Ion: 43 Resp: 33448

Ion	Ratio	Lower	Upper
43	100		
61	21.3	16.5	24.7
87	14.8	12.1	18.1

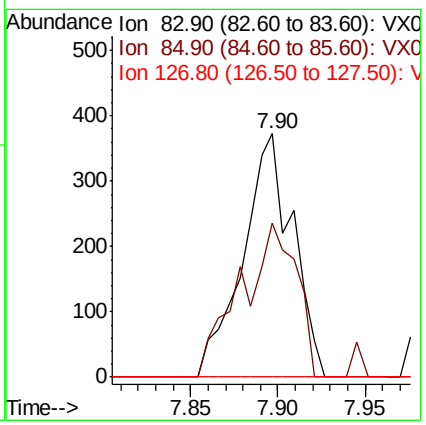


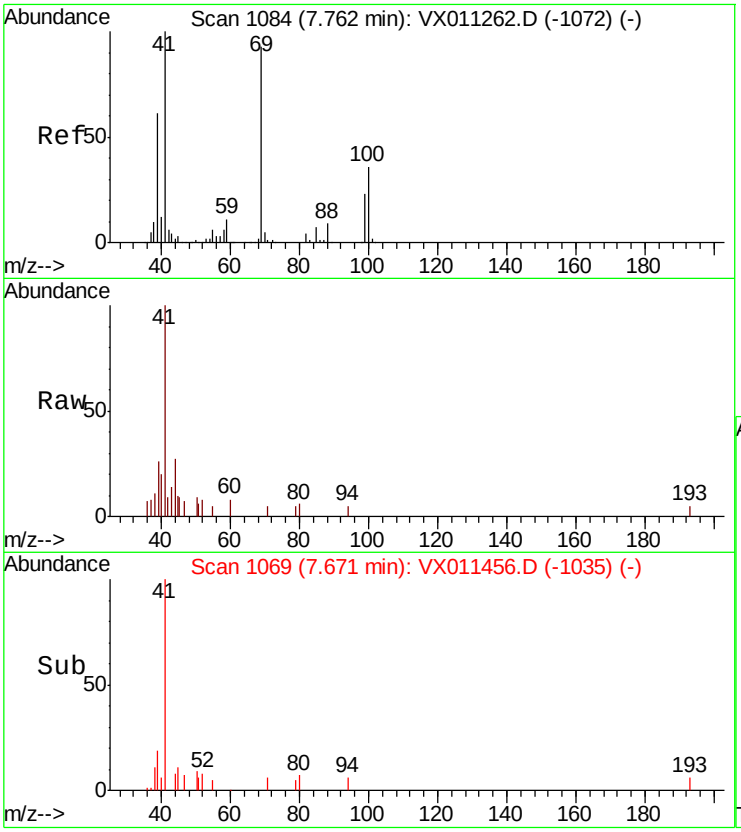


#47
Bromodichloromethane
Concen: 0.293 ug/l
RT: 7.90 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VX011456.D
Acq: 12 Aug 2019 01:58

Tgt Ion: 83 Resp: 737

Ion	Ratio	Lower	Upper
83	100		
85	63.3	52.2	78.2
127	0.0	7.8	11.8#



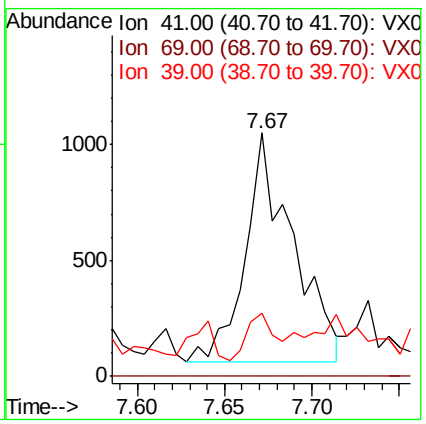


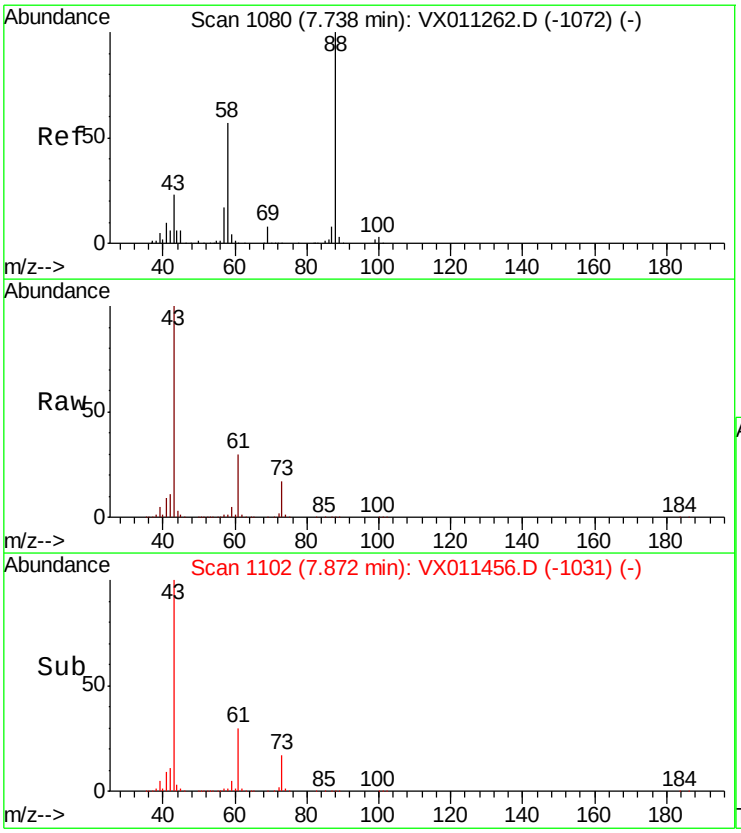
#48
Methyl methacrylate
Concen: 0.947 ug/l
RT: 7.67 min Scan# 1069
Delta R.T. -0.09 min
Lab File: VX011456.D
Acq: 12 Aug 2019 01:58

Instrument :
MSVOA_X
ClientSampleId :
SU-04-080919-A

Tgt Ion: 41 Resp: 1881

Ion	Ratio	Lower	Upper
41	100		
69	0.0	74.5	111.7#
39	0.0	48.6	72.8#

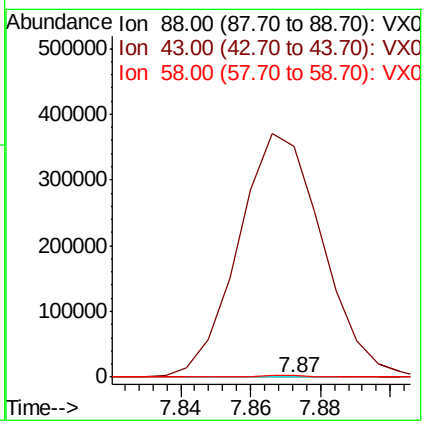


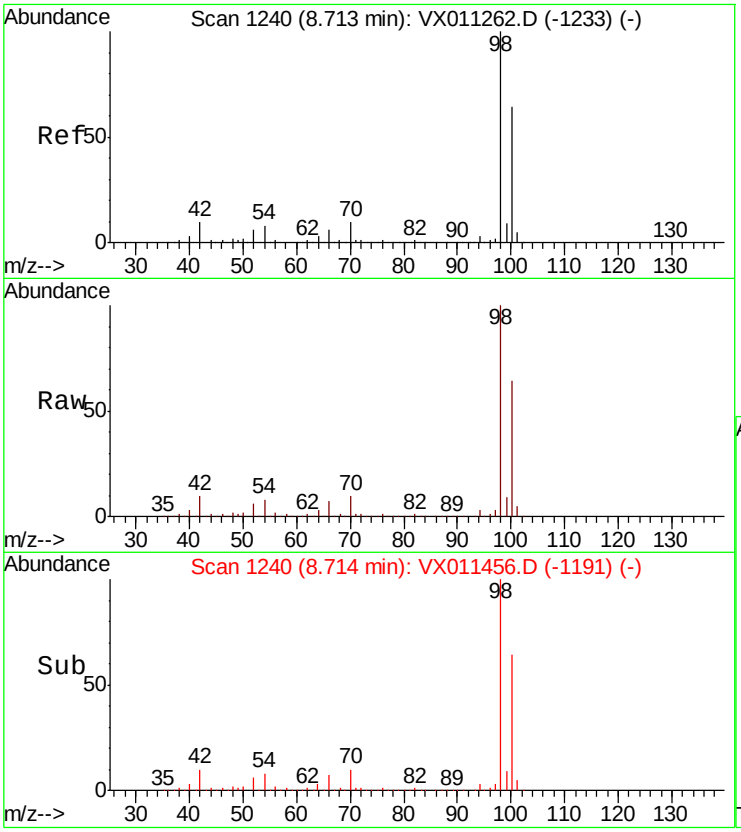


#49
1,4-Dioxane
Concen: 3.142 ug/l
RT: 7.87 min Scan# 1102
Delta R.T. 0.13 min
Lab File: VX011456.D
Acq: 12 Aug 2019 01:58

Tgt Ion: 88 Resp: 181

Ion	Ratio	Lower	Upper
88	100		
43	345857.5	22.2	33.2#
58	1966.3	47.8	71.8#



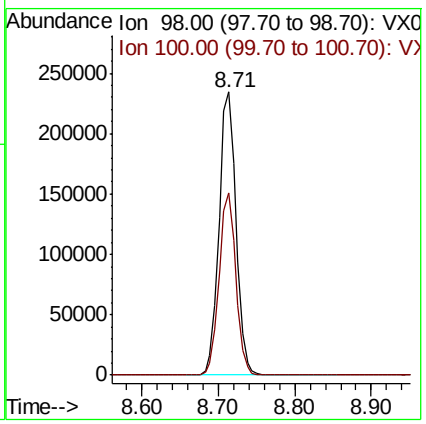


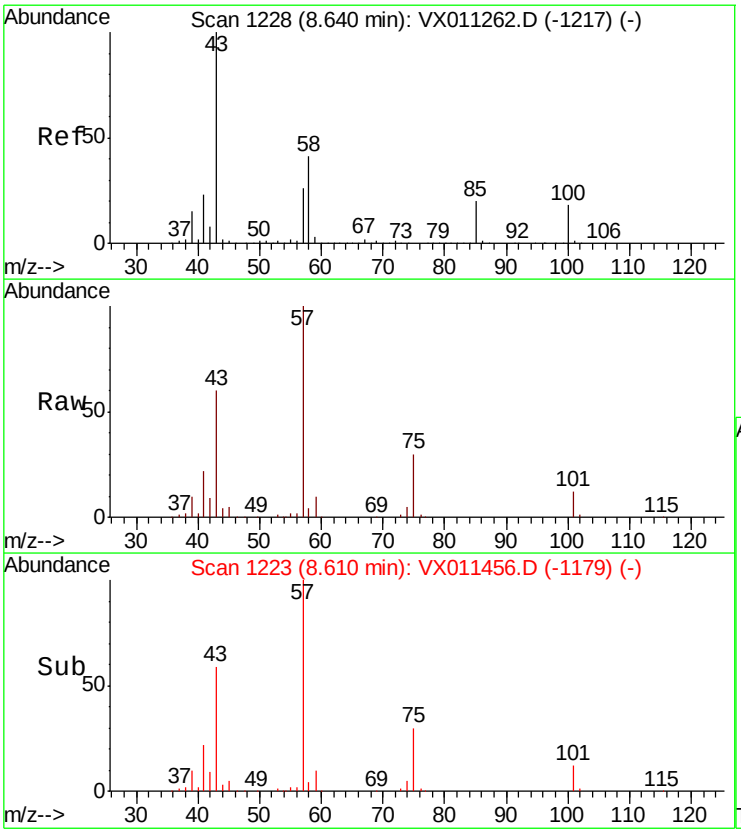
#50
Toluene-d8
Concen: 48.456 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX011456.D
Acq: 12 Aug 2019 01:58

Instrument :
MSVOA_X
ClientSampleId :
SU-04-080919-A

Tgt Ion: 98 Resp: 360108

Ion	Ratio	Lower	Upper
98	100		
100	63.4	51.7	77.5

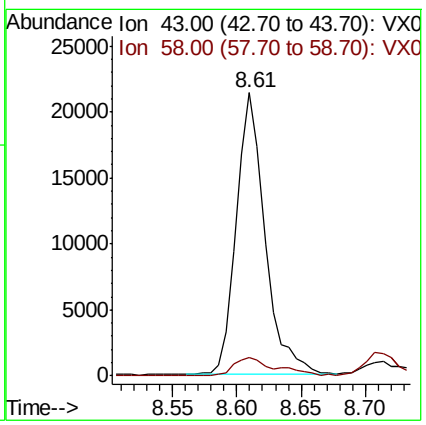


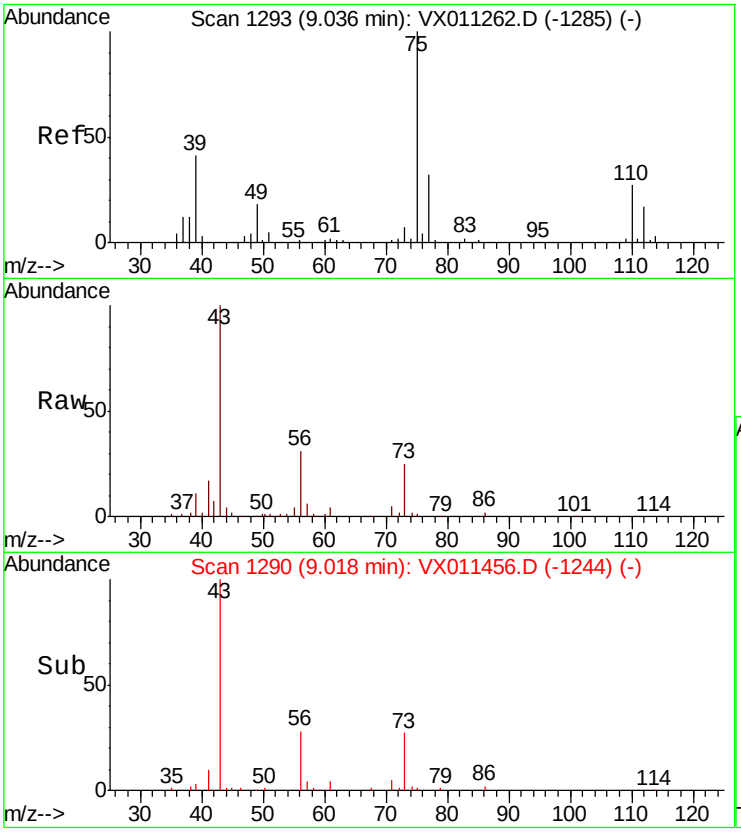


#51
4-Methyl-2-Pentanone
Concen: 12.128 ug/l
RT: 8.61 min Scan# 1223
Delta R.T. -0.03 min
Lab File: VX011456.D
Acq: 12 Aug 2019 01:58

Tgt Ion: 43 Resp: 33047

Ion	Ratio	Lower	Upper
43	100		
58	9.9	32.3	48.5#



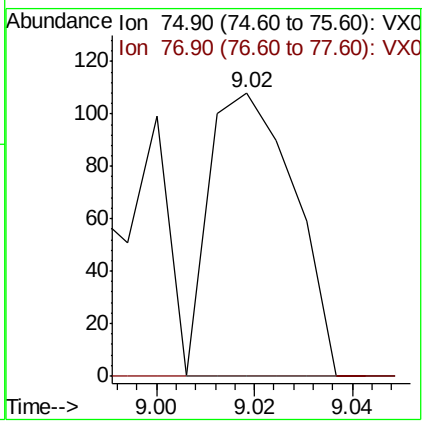


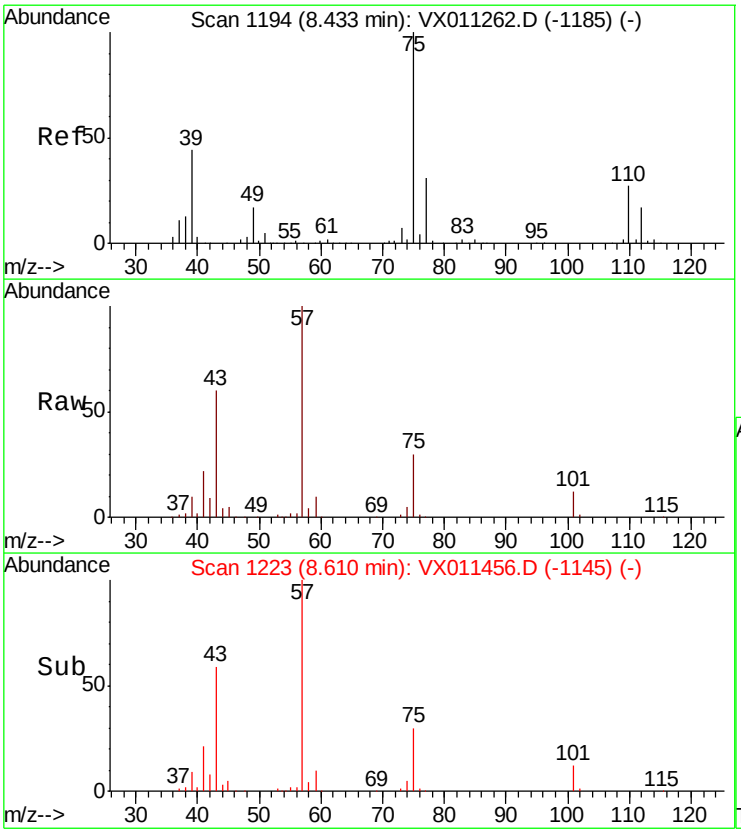
#53
t-1,3-Dichloropropene
Concen: 2.881 ug/l
RT: 9.02 min Scan# 1290
Delta R.T. -0.02 min
Lab File: VX011456.D
Acq: 12 Aug 2019 01:58

Instrument :
MSVOA_X
ClientSampleId :
SU-04-080919-A

Tgt Ion: 75 Resp: 131

Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.4	38.0#

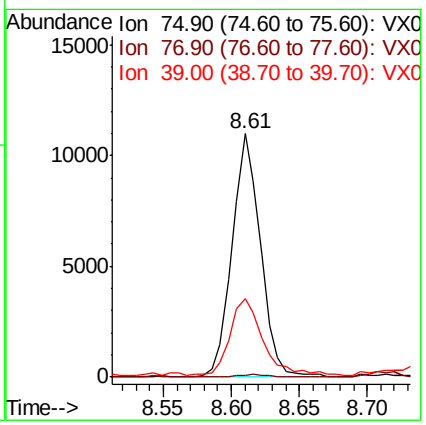


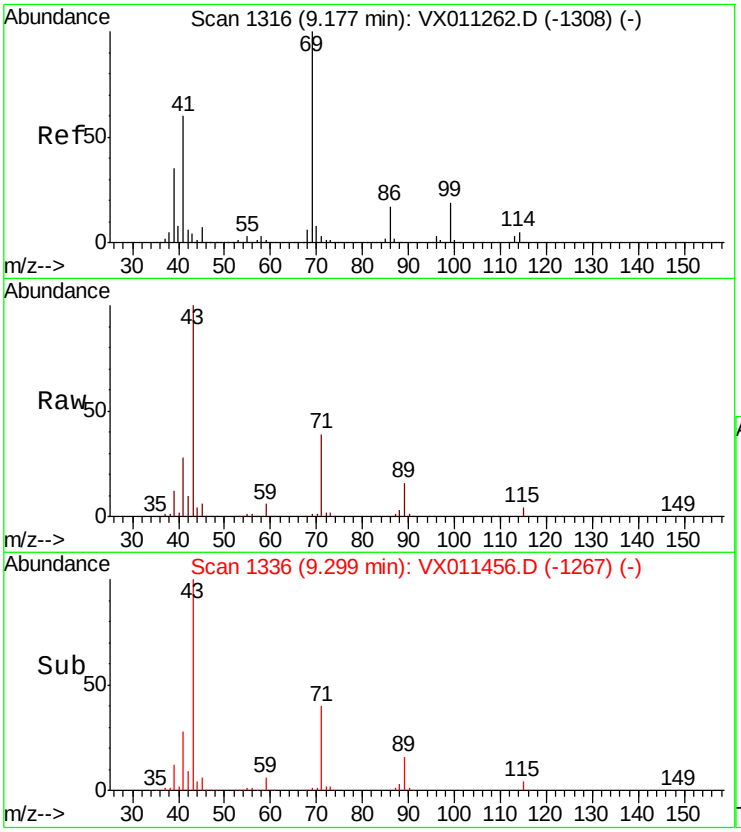


#54
cis-1,3-Dichloropropene
Concen: 5.429 ug/l
RT: 8.61 min Scan# 1223
Delta R.T. 0.18 min
Lab File: VX011456.D
Acq: 12 Aug 2019 01:58

Tgt Ion: 75 Resp: 15949

Ion	Ratio	Lower	Upper
75	100		
77	0.6	25.0	37.6#
39	31.6	35.3	52.9#



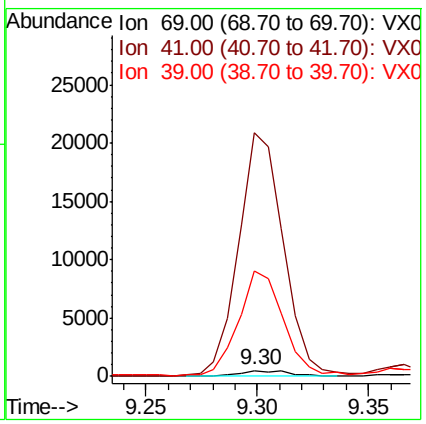


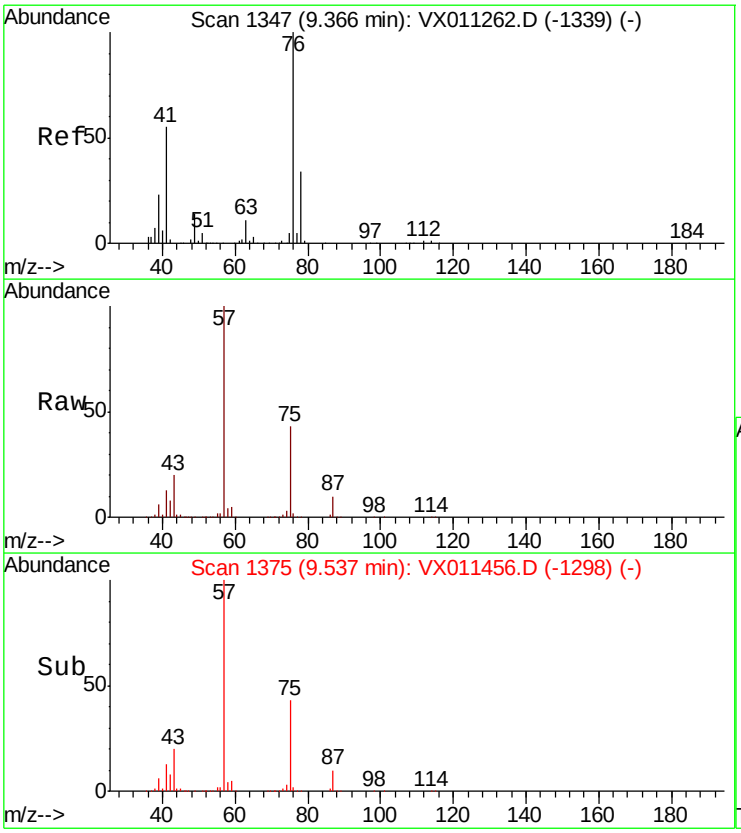
#56
Ethyl methacrylate
Concen: 0.262 ug/l
RT: 9.30 min Scan# 1336
Delta R.T. 0.12 min
Lab File: VX011456.D
Acq: 12 Aug 2019 01:58

Instrument :
MSVOA_X
ClientSampleId :
SU-04-080919-A

Tgt Ion: 69 Resp: 796

Ion	Ratio	Lower	Upper
69	100		
41	3719.7	48.6	73.0#
39	1574.7	29.4	44.2#

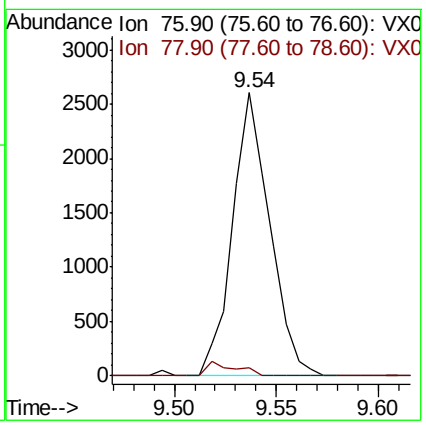


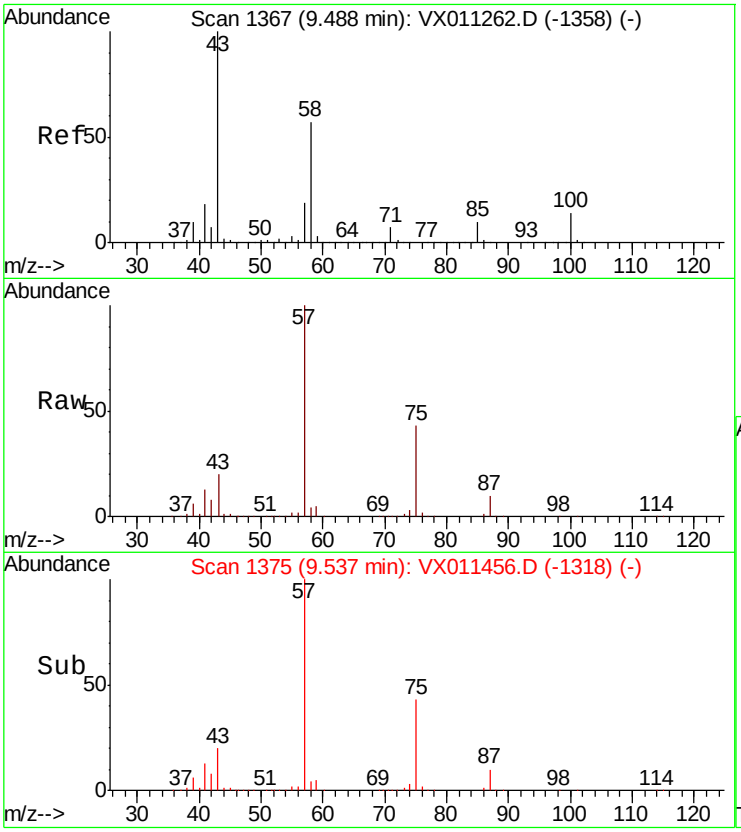


#57
1,3-Dichloropropane
Concen: 0.973 ug/l
RT: 9.54 min Scan# 1375
Delta R.T. 0.17 min
Lab File: VX011456.D
Acq: 12 Aug 2019 01:58

Tgt Ion: 76 Resp: 3286

Ion	Ratio	Lower	Upper
76	100		
78	4.0	26.6	40.0#



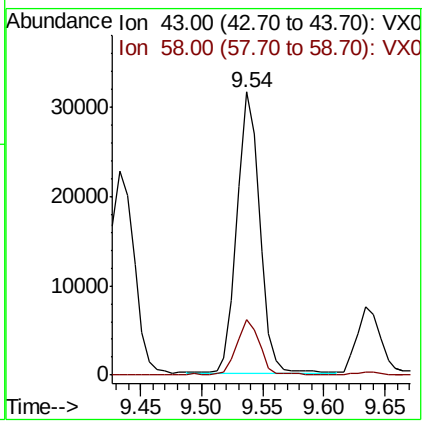


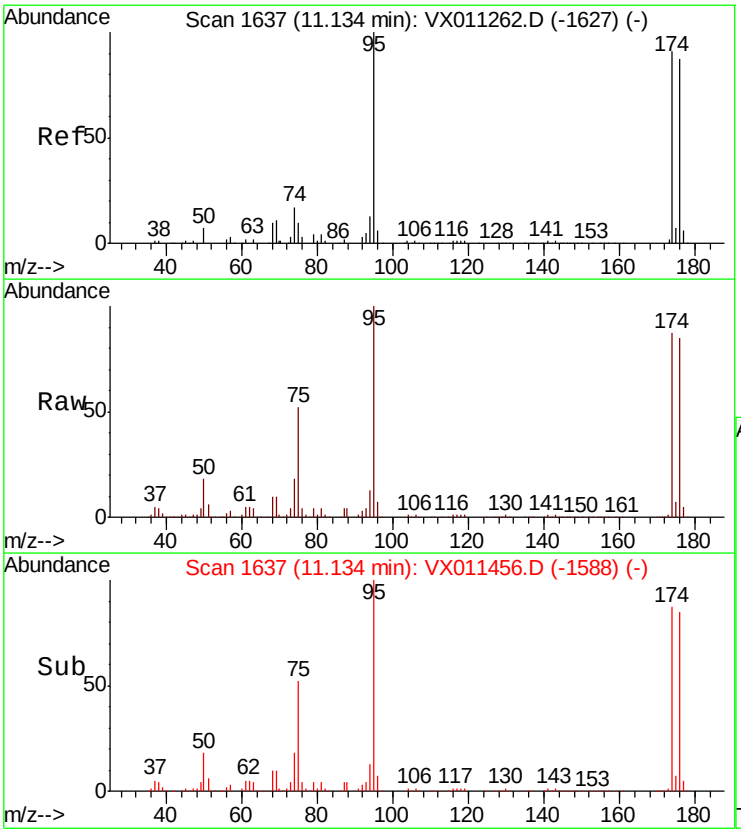
#59
2-Hexanone
Concen: 19.414 ug/l
RT: 9.54 min Scan# 1375
Delta R.T. 0.05 min
Lab File: VX011456.D
Acq: 12 Aug 2019 01:58

Instrument :
MSVOA_X
ClientSampleId :
SU-04-080919-A

Tgt Ion: 43 Resp: 40976

Ion	Ratio	Lower	Upper
43	100		
58	20.2	28.2	84.6#

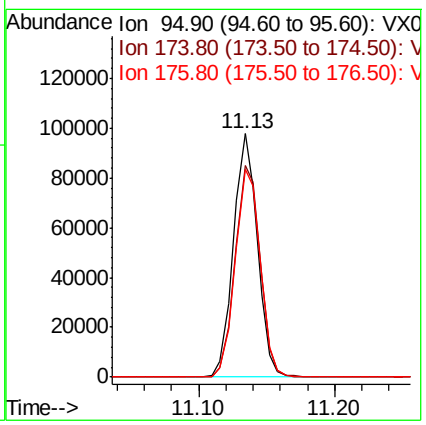


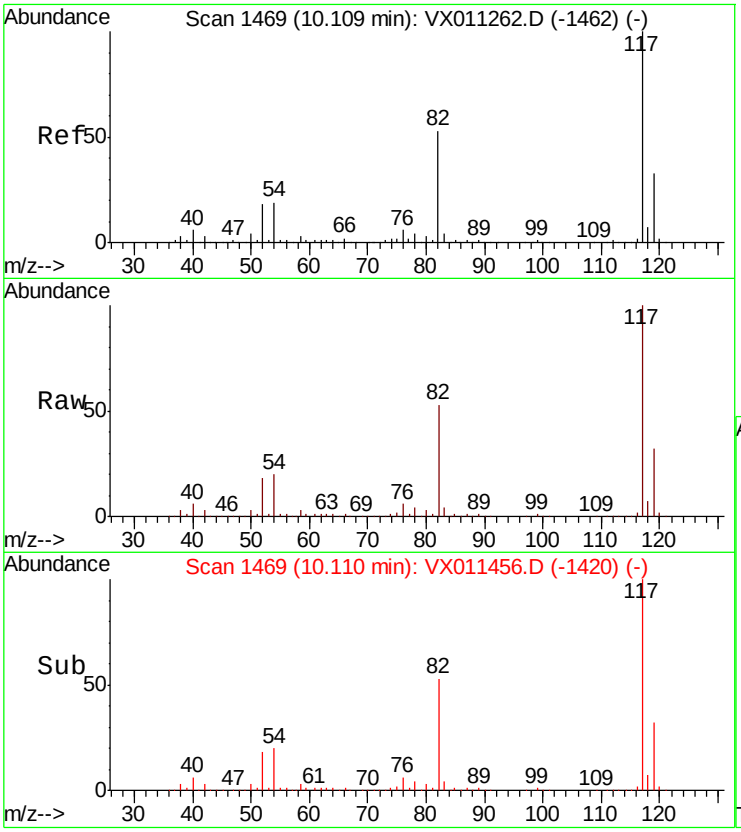


#62
4-Bromofluorobenzene
Concen: 45.217 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX011456.D
Acq: 12 Aug 2019 01:58

Tgt Ion: 95 Resp: 119973

Ion	Ratio	Lower	Upper
95	100		
174	90.9	0.0	191.2
176	89.1	0.0	184.8



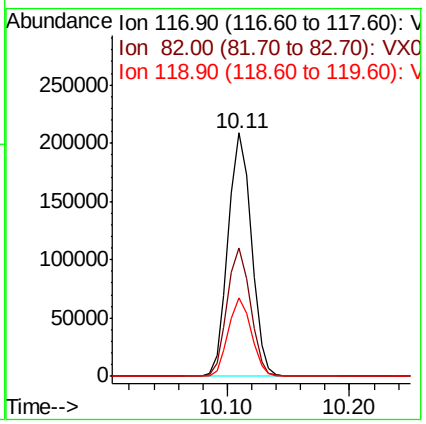


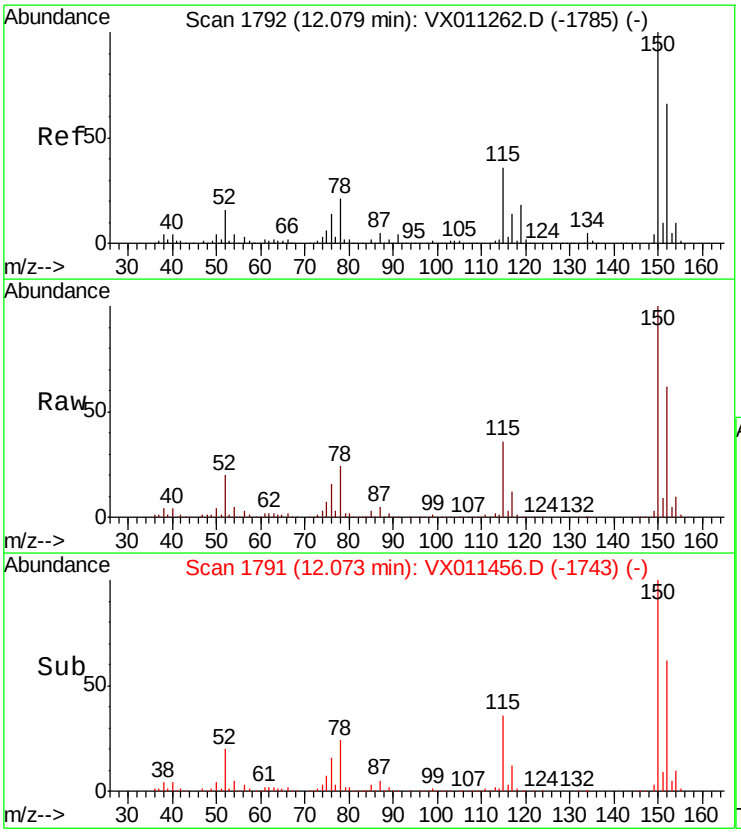
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011456.D
Acq: 12 Aug 2019 01:58

Instrument :
MSVOA_X
ClientSampleId :
SU-04-080919-A

Tgt Ion:117 Resp: 275654

Ion	Ratio	Lower	Upper
117	100		
82	52.9	42.2	63.2
119	32.5	26.6	39.8

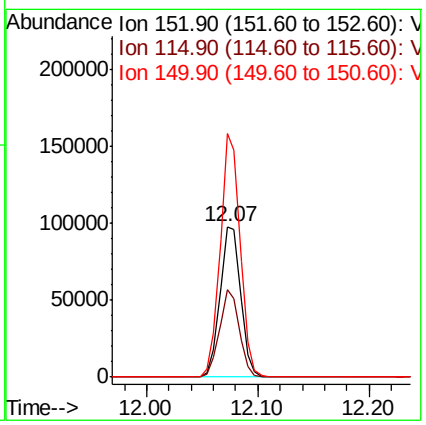


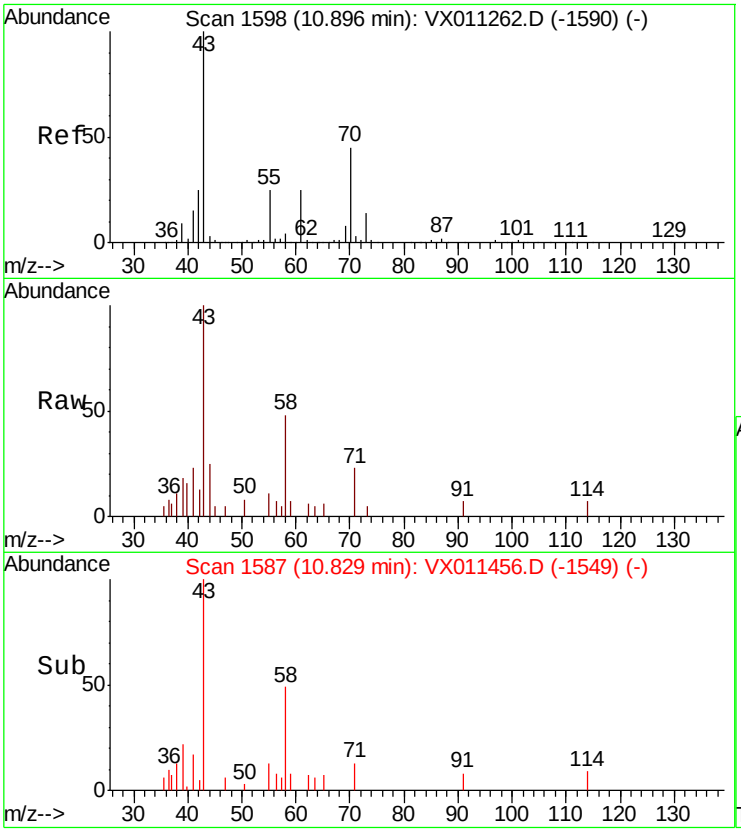


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1791
Delta R.T. -0.01 min
Lab File: VX011456.D
Acq: 12 Aug 2019 01:58

Tgt Ion:152 Resp: 125145

Ion	Ratio	Lower	Upper
152	100		
115	56.1	40.0	119.9
150	156.1	0.0	350.4



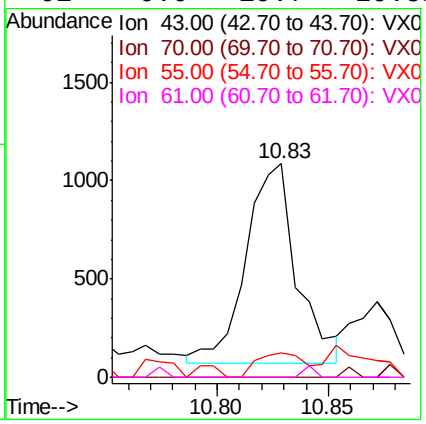


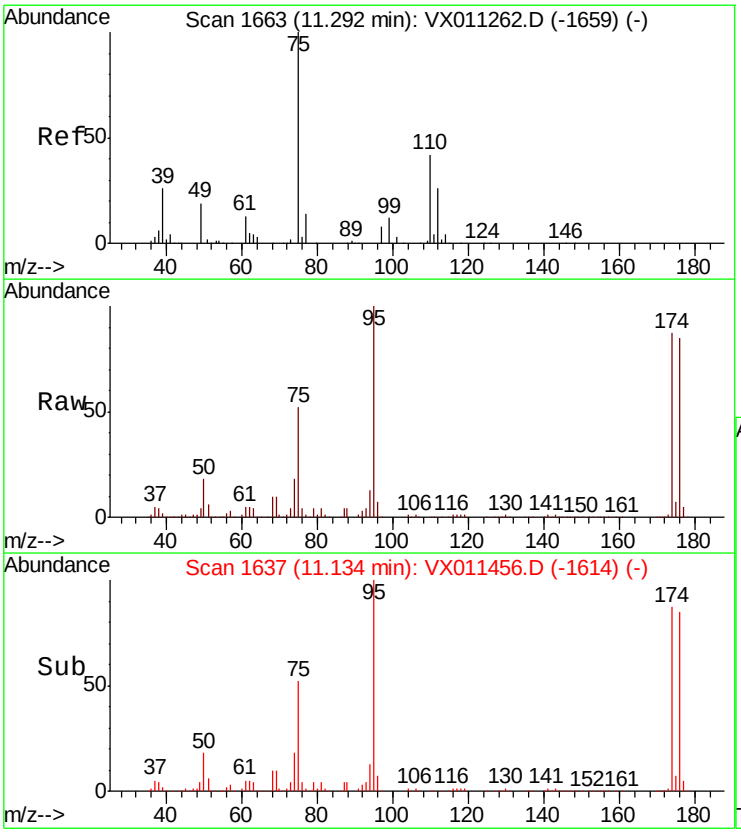
#74
N-amyl acetate
Concen: 0.523 ug/l
RT: 10.83 min Scan# 1587
Delta R.T. -0.07 min
Lab File: VX011456.D
Acq: 12 Aug 2019 01:58

Instrument :
MSVOA_X
ClientSampleId :
SU-04-080919-A

Tgt Ion: 43 Resp: 1619

Ion	Ratio	Lower	Upper
43	100		
70	0.0	35.9	53.9#
55	10.9	19.8	29.6#
61	0.0	19.7	29.5#

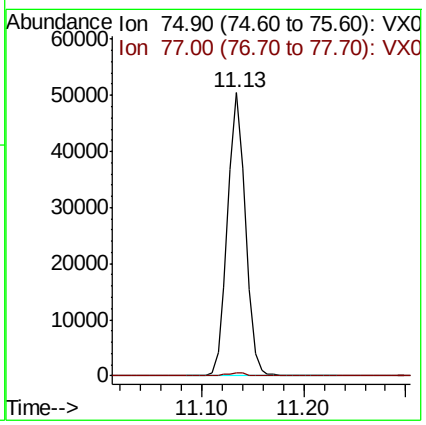


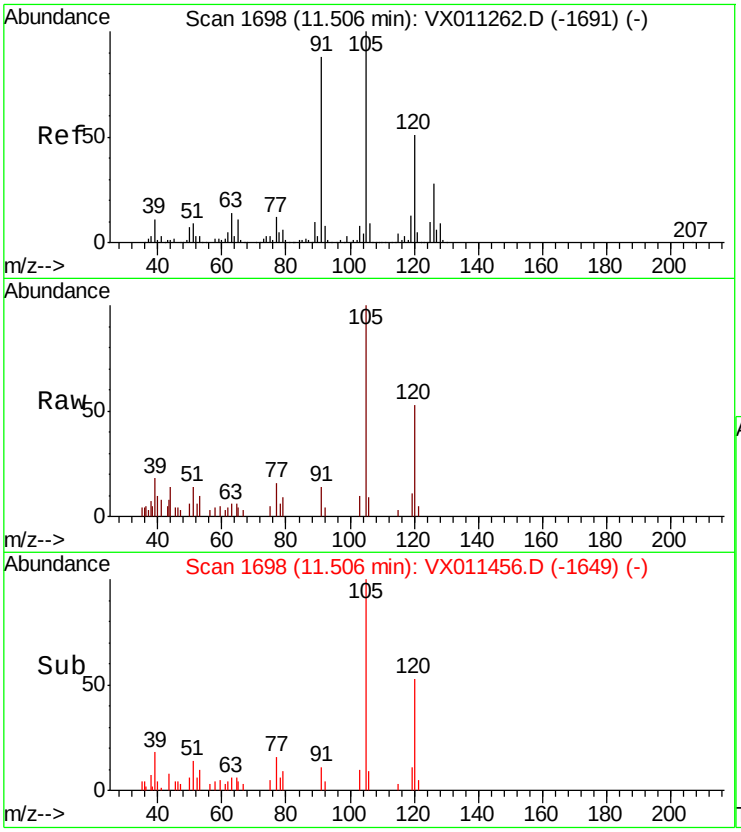


#76
1,2,3-Trichloropropane
Concen: 26.769 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX011456.D
Acq: 12 Aug 2019 01:58

Tgt Ion: 75 Resp: 61007

Ion	Ratio	Lower	Upper
75	100		
77	1.2	21.1	63.4#



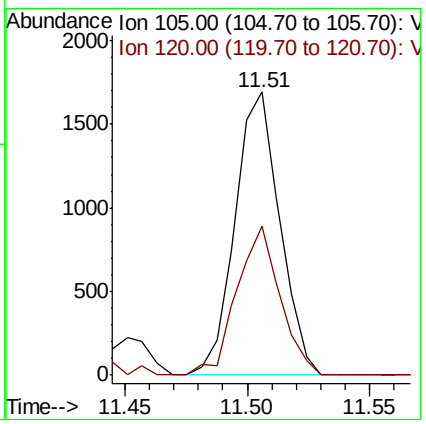


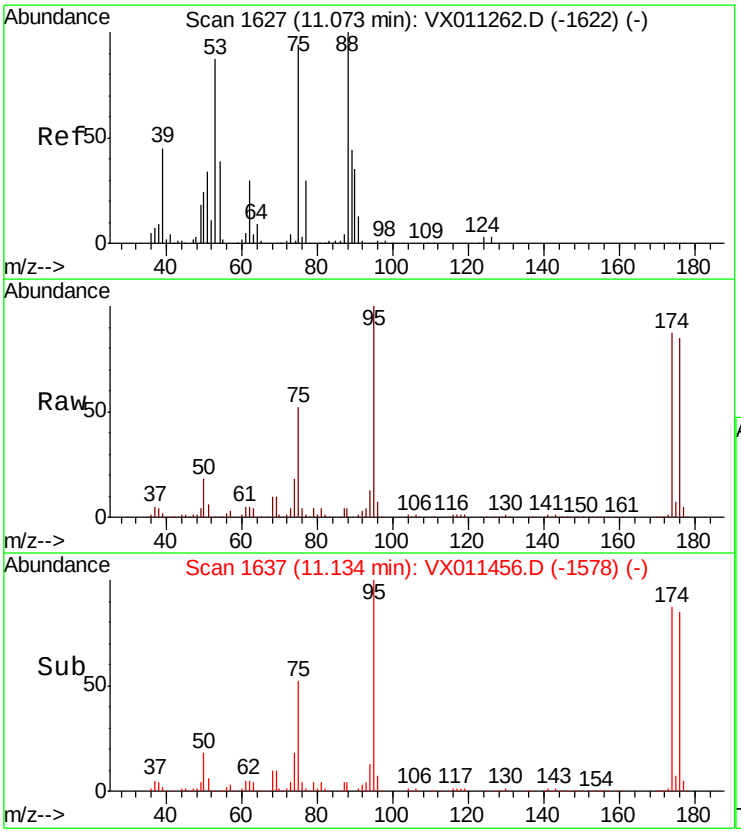
#80
1,3,5-Trimethylbenzene
Concen: 0.300 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX011456.D
Acq: 12 Aug 2019 01:58

Instrument :
MSVOA_X
ClientSampleId :
SU-04-080919-A

Tgt Ion:105 Resp: 2147

Ion	Ratio	Lower	Upper
105	100		
120	50.9	25.1	75.2

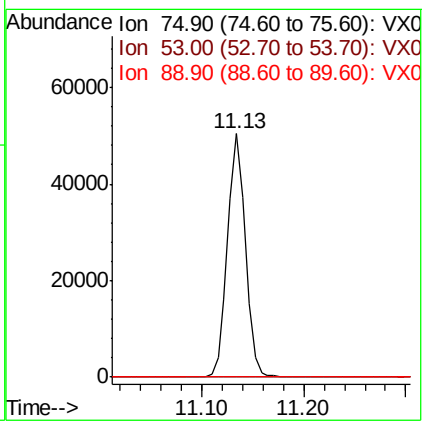


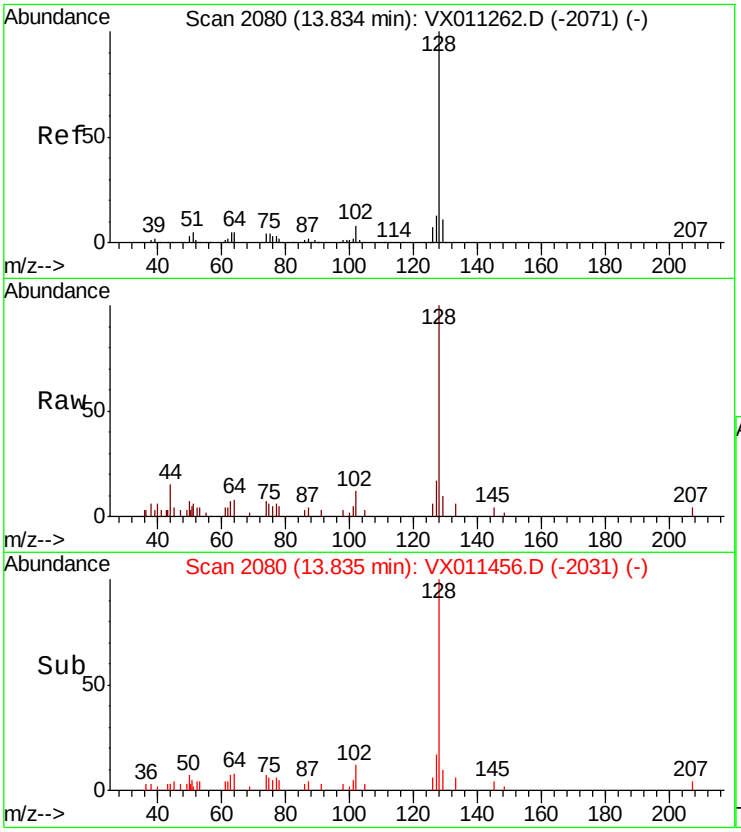


#81
trans-1,4-Dichloro-2-butene
Concen: 69.535 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX011456.D
Acq: 12 Aug 2019 01:58

Tgt Ion: 75 Resp: 61007

Ion	Ratio	Lower	Upper
75	100		
53	0.2	78.2	117.4#
89	0.0	37.9	56.9#





#95
Naphthalene
Concen: 0.456 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX011456.D
Acq: 12 Aug 2019 01:58

Instrument :
MSVOA_X
ClientSampleId :
SU-04-080919-A

Tgt Ion:128 Resp: 3723

Ion	Ratio	Lower	Upper
128	100		
127	14.5	10.4	15.6
129	15.6	8.9	13.3#