Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX081619\
Data File : VX011600.D
Acq On : 16 Aug 2019 23:50
Operator : JC/SP
Sample : PB122302TB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : PB122302TB

Quant Time: Aug 19 01:16:11 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081519W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 16 04:15:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.65	168	459745	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.85	114	630046	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.11	117	561758	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	275346	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.06	65	213799	50.15	ug/l		0.00
Spiked Amount 50.000			Recovery = 100.30%				
35) Dibromofluoromethane	5.49	113	183929	44.63	ug/l		0.00
Spiked Amount 50.000			Recovery = 89.26%				
50) Toluene-d8	8.71	98	721118	56.16	ug/l		0.00
Spiked Amount 50.000			Recovery = 112.32%				
62) 4-Bromofluorobenzene	11.13	95	253925	46.85	ug/l		0.00
Spiked Amount 50.000			Recovery = 93.70%				
Target Compounds							Qvalue
5) Bromomethane	1.64	94	665	0.350	ug/l	#	39
10) Methyl Iodide	2.51	142	2069	0.358	ug/l		99
11) Tert butyl alcohol	3.01	59	10897	10.418	ug/l	#	75
13) Acrolein	2.28	56	91	12.453	ug/l	#	1
16) Acetone	2.43	43	20450	9.539	ug/l		96
17) Carbon Disulfide	2.56	76	2845	0.308	ug/l	#	91
18) Methyl Acetate	2.77	43	3633	0.546	ug/l		95
20) Methylene Chloride	2.85	84	14733	3.273	ug/l		95
25) 2-Butanone	4.68	43	2692	0.800	ug/l	#	77
29) Tetrahydrofuran	5.14	42	696	0.315	ug/l	#	76
36) 1,1-Dichloropropene	5.65	75	25599	4.752	ug/l	#	52
38) Carbon Tetrachloride	5.65	117	39462	6.649	ug/l	#	16
43) Isopropyl Acetate	6.44	43	57840	5.982	ug/l		98
48) Methyl methacrylate	7.68	41	6753	1.410	ug/l	#	15
49) 1,4-Dioxane	7.76	88	193	1.515	ug/l	#	1
51) 4-Methyl-2-Pentanone	8.61	43	86289	13.634	ug/l	#	50
54) cis-1,3-Dichloropropene	8.61	75	40958	6.474	ug/l	#	64
59) 2-Hexanone	9.54	43	113384	23.231	ug/l	#	50
68) m/p-Xylenes	10.35	106	3514	0.458	ug/l		95
71) Bromoform	10.84	173	88	3.310	ug/l	#	28
74) N-amyl acetate	10.82	43	1944	0.256	ug/l	#	45
76) 1,2,3-Trichloropropane	11.13	75	116694	22.350	ug/l	#	36
80) 1,3,5-Trimethylbenzene	11.51	105	9440	0.629	ug/l		99
81) trans-1,4-Dichloro-2-buten	11.13	75	116694	59.599	ug/l	#	11
92) 1,2-Dibromo-3-Chloropropan	13.01	75	360	0.256	ug/l	#	13
93) 1,2,4-Trichlorobenzene	13.65	180	1711	0.250	ug/l		88

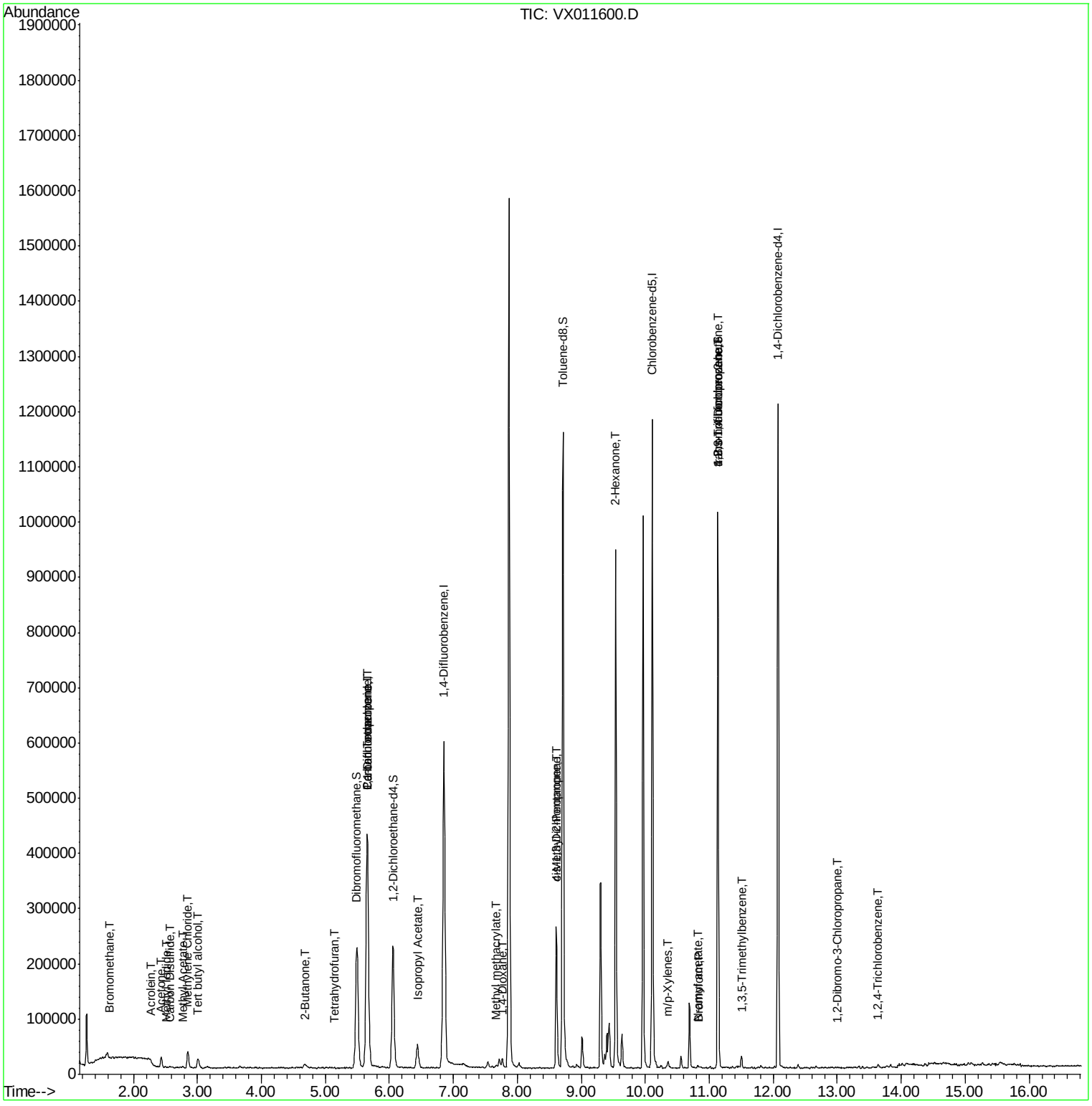
(#) = qualifier out of range (m) = manual integration (+) = signals summed

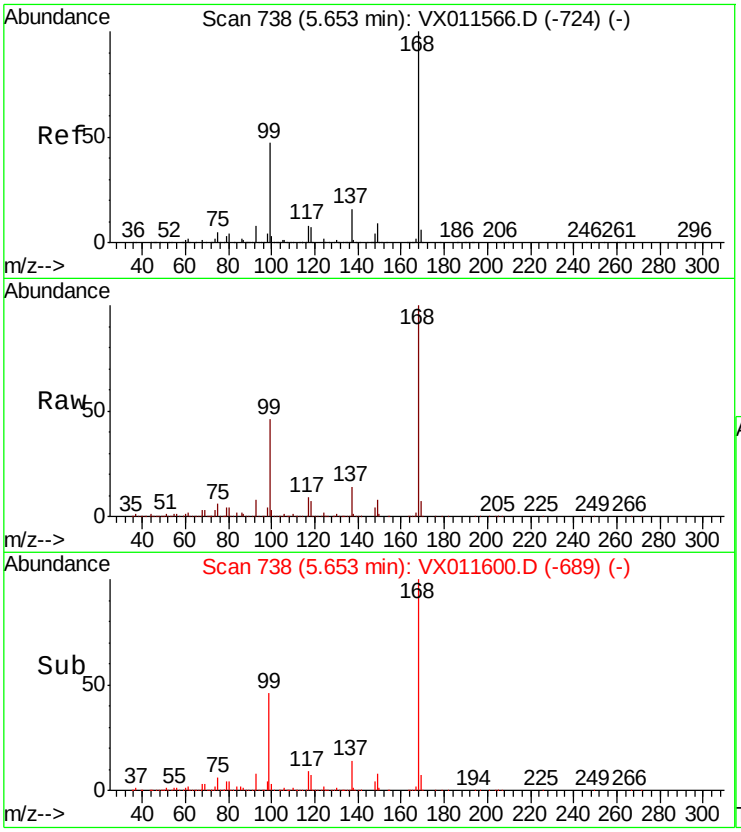
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX081619\
Data File : VX011600.D
Acq On : 16 Aug 2019 23:50
Operator : JC/SP
Sample : PB122302TB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PB122302TB

Quant Time: Aug 19 01:16:11 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081519W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 16 04:15:26 2019
Response via : Initial Calibration



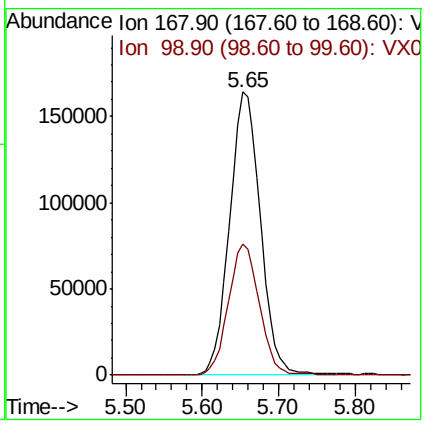


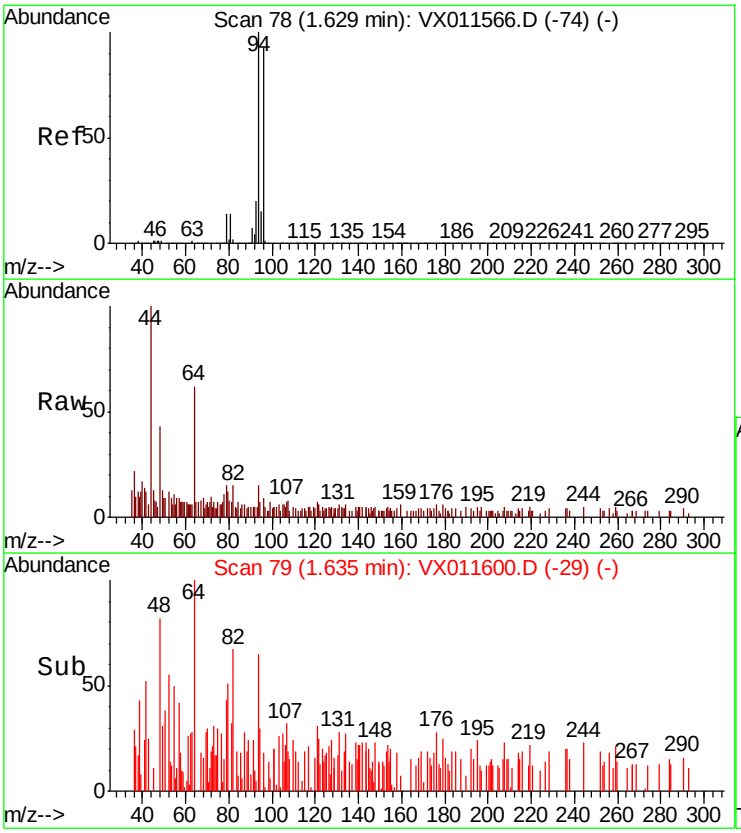
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 738
Delta R.T. 0.00 min
Lab File: VX011600.D
Acq: 16 Aug 2019 23:50

Instrument :
MSVOA_X
ClientSampleId :
PB122302TB

Tgt Ion:168 Resp: 459745

Ion	Ratio	Lower	Upper
168	100		
99	46.4	37.3	55.9

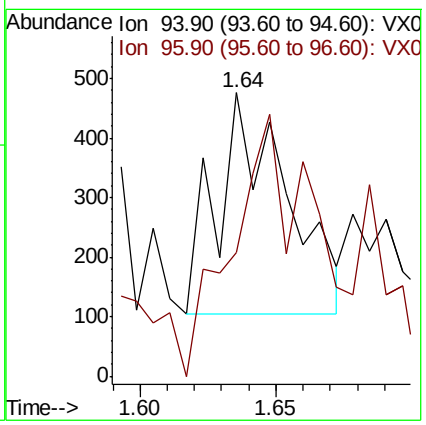


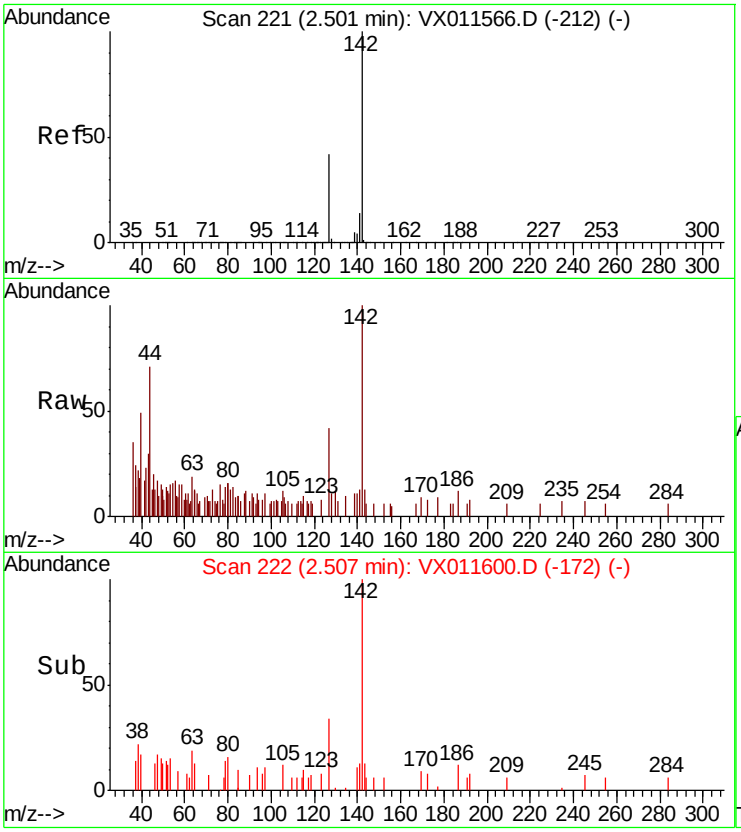


#5
Bromomethane
Concen: 0.350 ug/l
RT: 1.64 min Scan# 79
Delta R.T. 0.01 min
Lab File: VX011600.D
Acq: 16 Aug 2019 23:50

Tgt Ion: 94 Resp: 665

Ion	Ratio	Lower	Upper
94	100		
96	34.7	74.8	112.2#



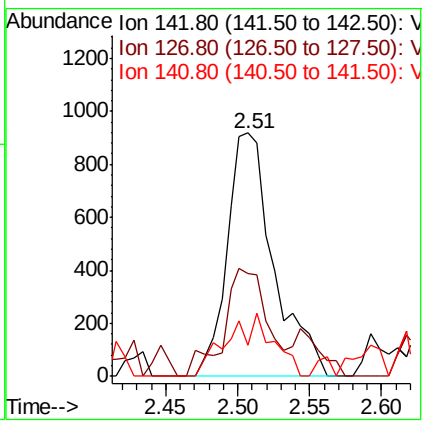


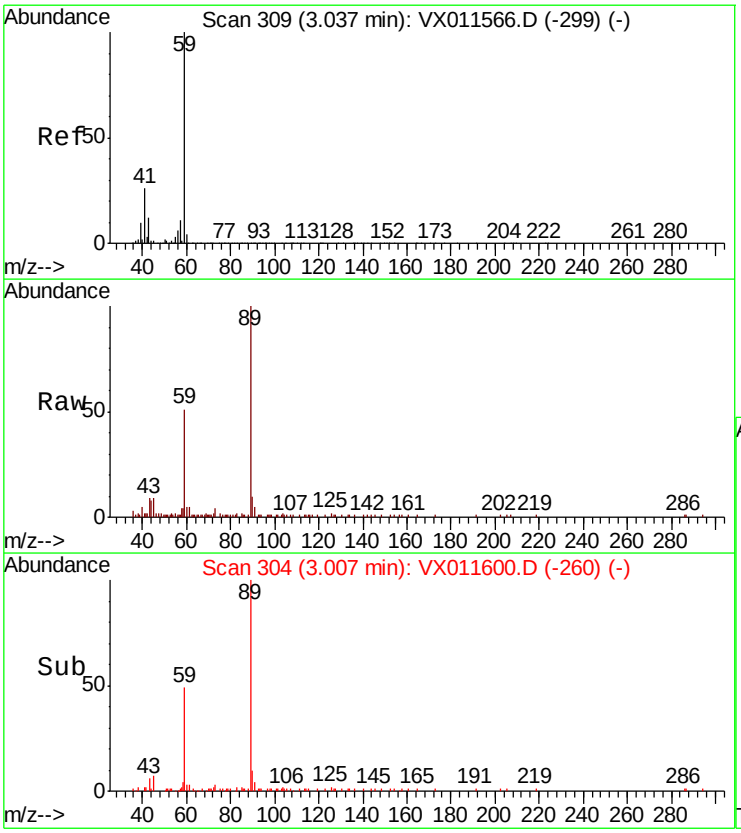
#10
Methyl Iodide
Concen: 0.358 ug/l
RT: 2.51 min Scan# 222
Delta R.T. 0.01 min
Lab File: VX011600.D
Acq: 16 Aug 2019 23:50

Instrument :
MSVOA_X
ClientSampleId :
PB122302TB

Tgt Ion:142 Resp: 2069

Ion	Ratio	Lower	Upper
142	100		
127	40.6	32.8	49.2
141	13.4	11.4	17.2

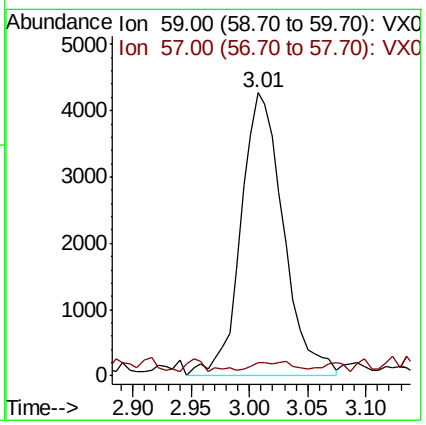


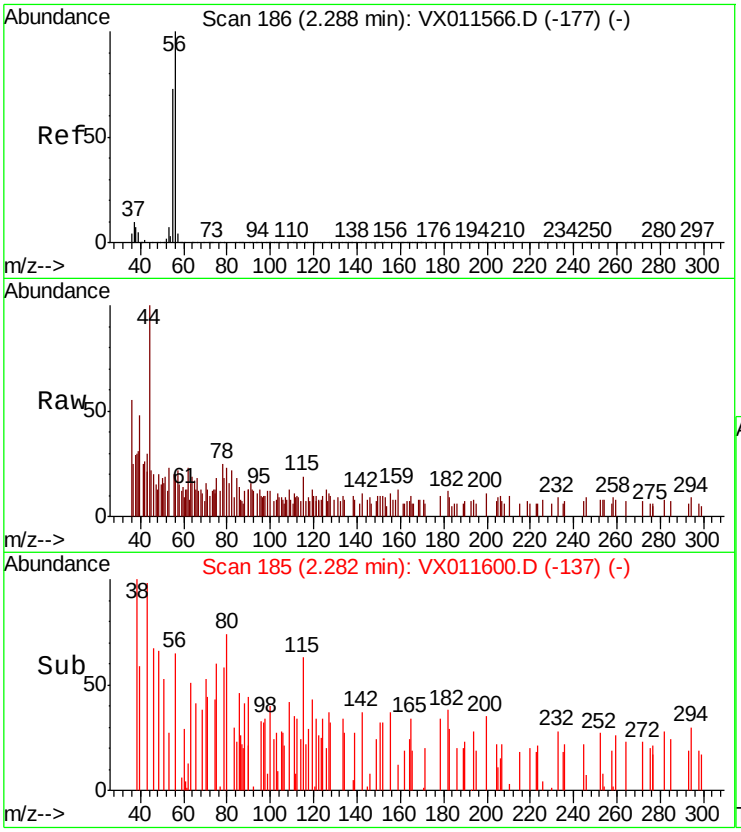


#11
Tert butyl alcohol
Concen: 10.418 ug/l
RT: 3.01 min Scan# 304
Delta R.T. -0.03 min
Lab File: VX011600.D
Acq: 16 Aug 2019 23:50

Tgt Ion: 59 Resp: 10897

Ion	Ratio	Lower	Upper
59	100		
57	1.3	8.7	13.1#



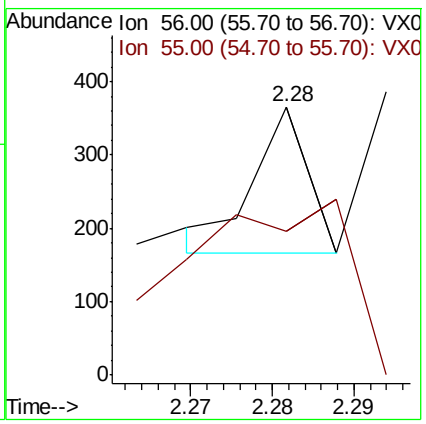


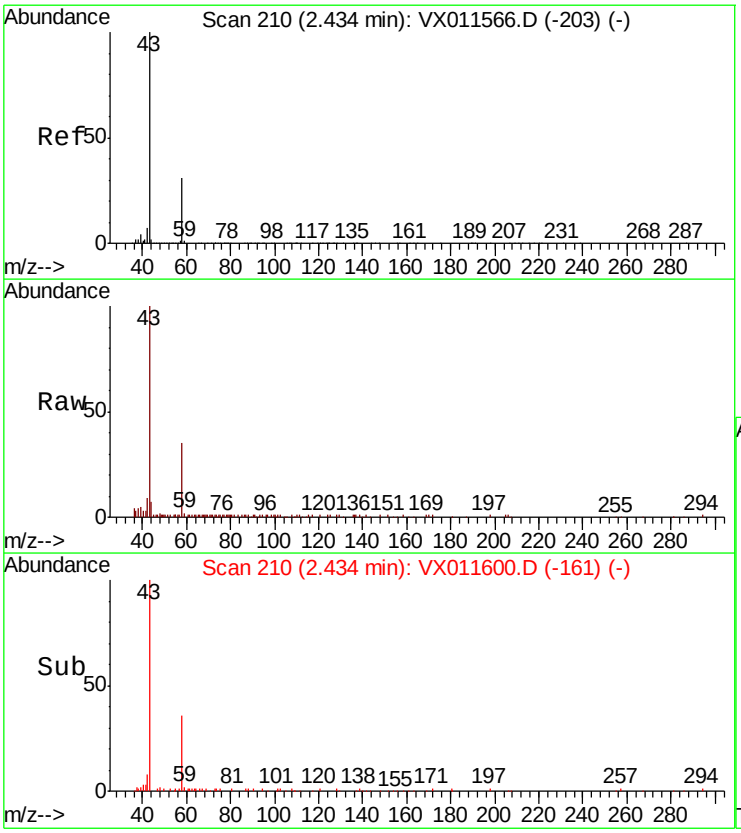
#13
Acrolein
Concen: 12.453 ug/l
RT: 2.28 min Scan# 185
Delta R.T. -0.01 min
Lab File: VX011600.D
Acq: 16 Aug 2019 23:50

Instrument :
MSVOA_X
ClientSampleId :
PB122302TB

Tgt Ion: 56 Resp: 91

Ion	Ratio	Lower	Upper
56	100		
55	326.4	55.5	83.3#

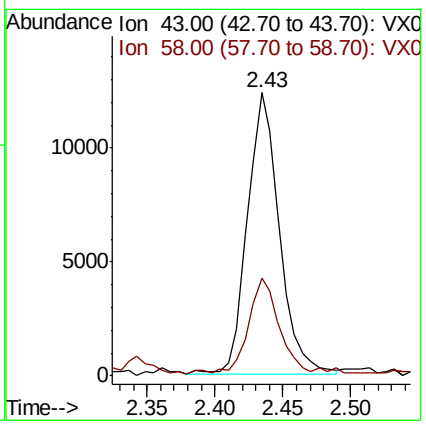


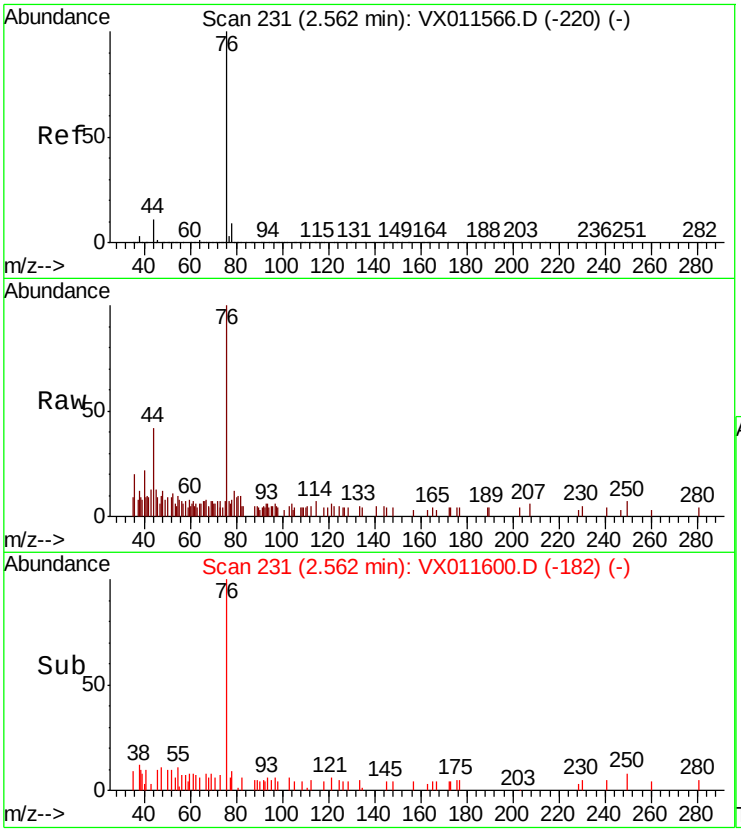


#16
Acetone
Concen: 9.539 ug/l
RT: 2.43 min Scan# 210
Delta R.T. 0.00 min
Lab File: VX011600.D
Acq: 16 Aug 2019 23:50

Tgt Ion: 43 Resp: 20450

Ion	Ratio	Lower	Upper
43	100		
58	33.5	25.2	37.8



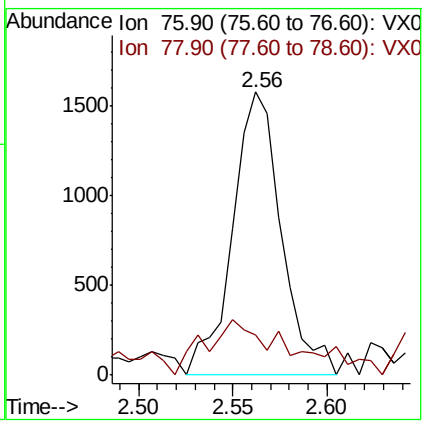


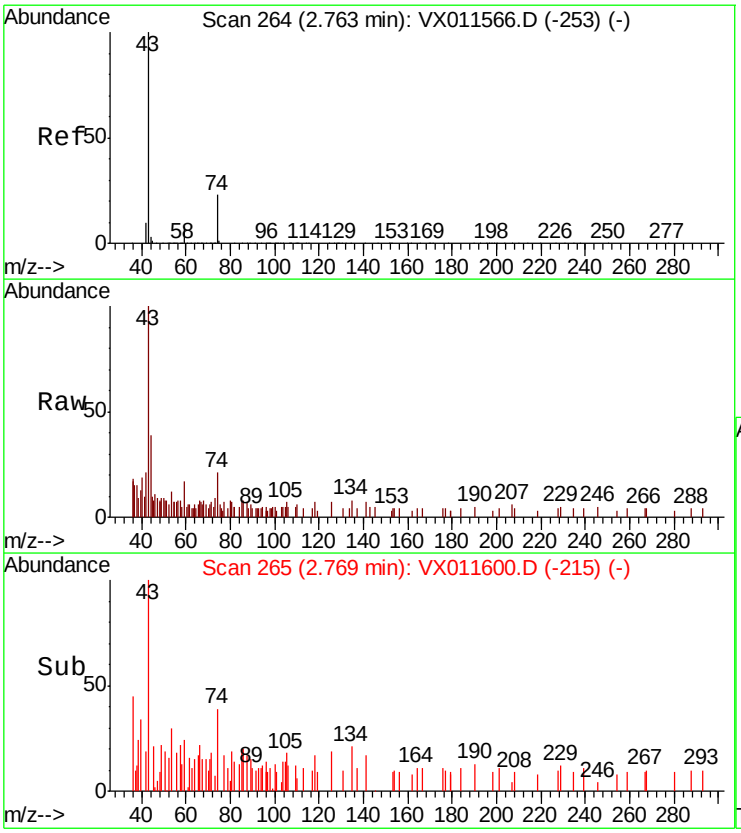
#17
Carbon Disulfide
Concen: 0.308 ug/l
RT: 2.56 min Scan# 231
Delta R.T. 0.00 min
Lab File: VX011600.D
Acq: 16 Aug 2019 23:50

Instrument :
MSVOA_X
ClientSampleId :
PB122302TB

Tgt Ion: 76 Resp: 2845

Ion	Ratio	Lower	Upper
76	100		
78	5.8	7.2	10.8#

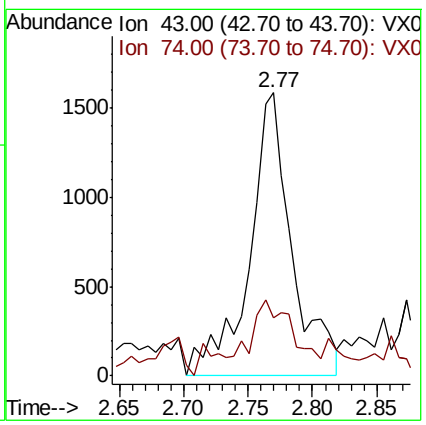


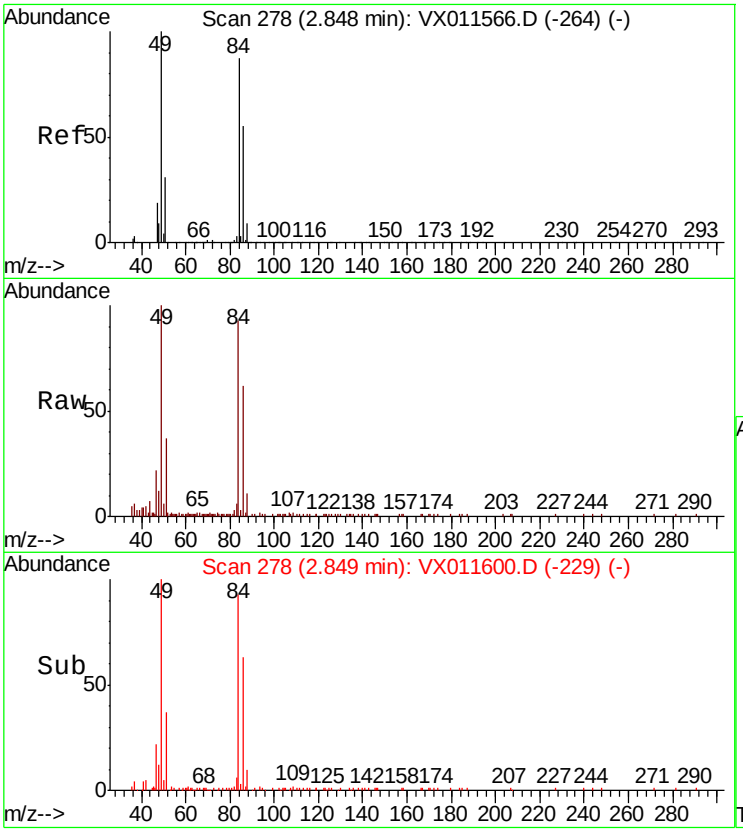


#18
Methyl Acetate
Concen: 0.546 ug/l
RT: 2.77 min Scan# 265
Delta R.T. 0.01 min
Lab File: VX011600.D
Acq: 16 Aug 2019 23:50

Tgt Ion: 43 Resp: 3633

Ion	Ratio	Lower	Upper
43	100		
74	22.1	19.7	29.5



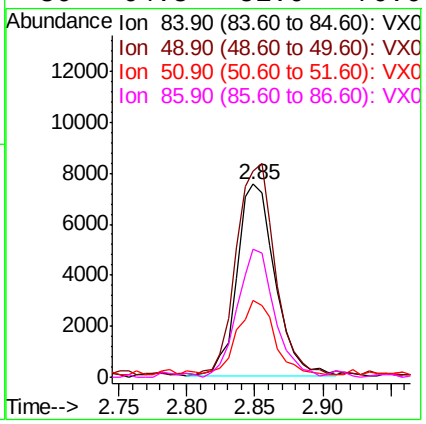


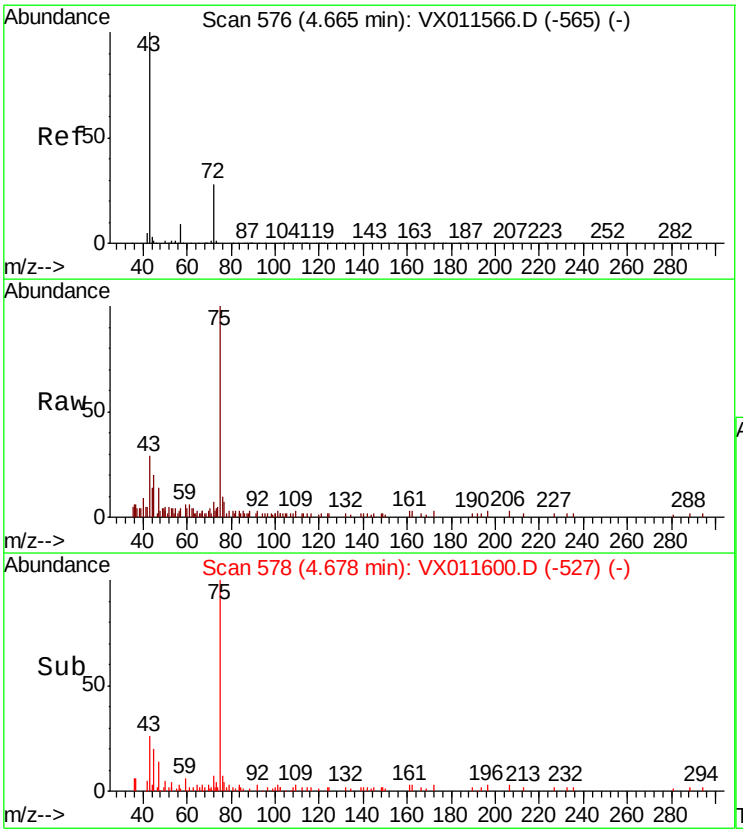
#20
Methylene Chloride
Concen: 3.273 ug/l
RT: 2.85 min Scan# 278
Delta R.T. 0.00 min
Lab File: VX011600.D
Acq: 16 Aug 2019 23:50

Instrument :
MSVOA_X
ClientSampleId :
PB122302TB

Tgt Ion: 84 Resp: 14733

Ion	Ratio	Lower	Upper
84	100		
49	105.7	92.4	138.6
51	36.4	28.5	42.7
86	64.8	51.0	76.6

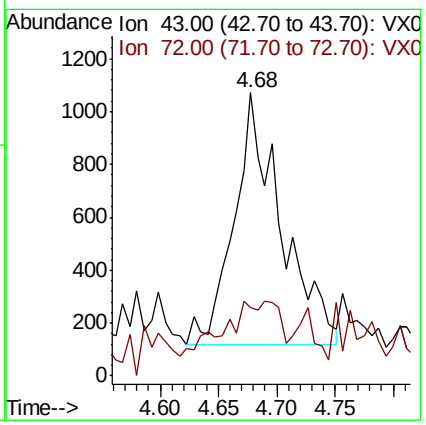


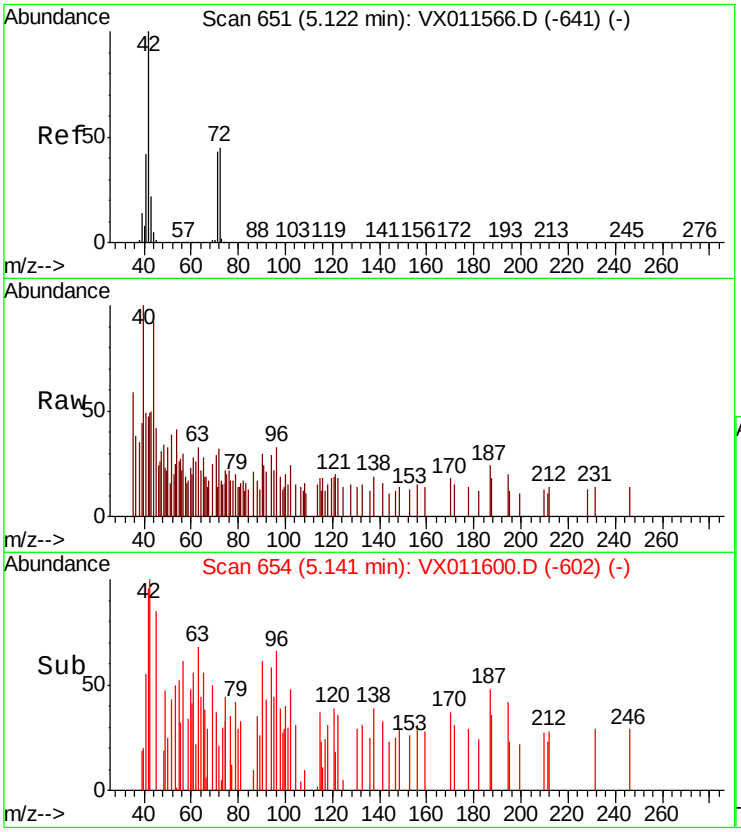


#25
2-Butanone
Concen: 0.800 ug/l
RT: 4.68 min Scan# 578
Delta R.T. 0.01 min
Lab File: VX011600.D
Acq: 16 Aug 2019 23:50

Tgt Ion: 43 Resp: 2692

Ion	Ratio	Lower	Upper
43	100		
72	15.9	22.2	33.4#



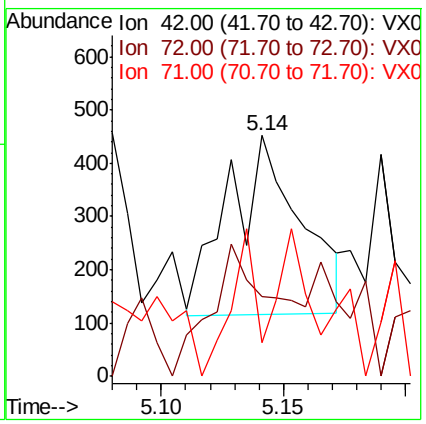


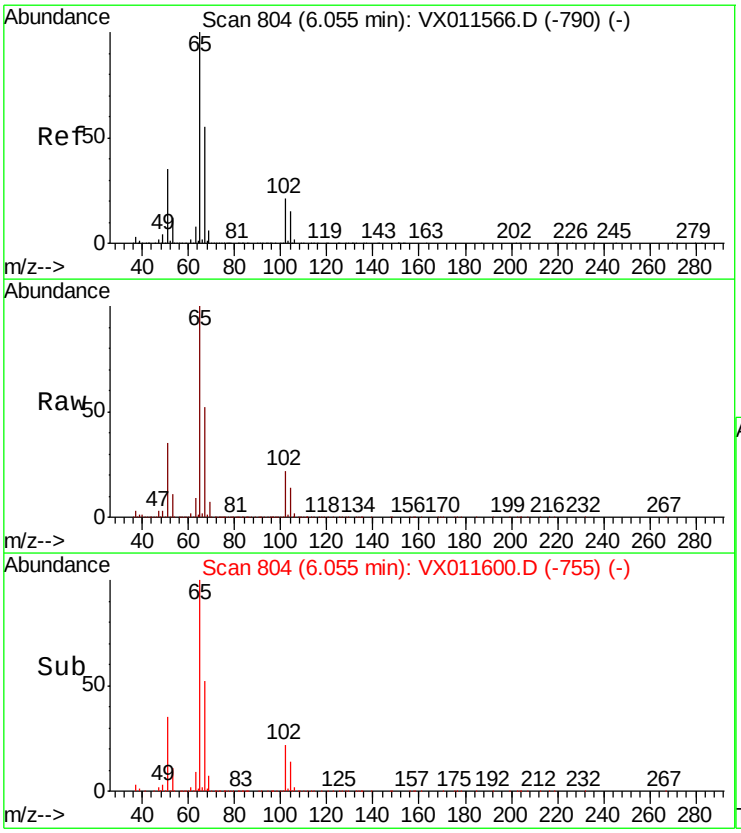
#29
Tetrahydrofuran
Concen: 0.315 ug/l
RT: 5.14 min Scan# 654
Delta R.T. 0.02 min
Lab File: VX011600.D
Acq: 16 Aug 2019 23:50

Instrument :
MSVOA_X
ClientSampleId :
PB122302TB

Tgt Ion: 42 Resp: 696

Ion	Ratio	Lower	Upper
42	100		
72	61.6	36.1	54.1#
71	28.0	33.8	50.8#

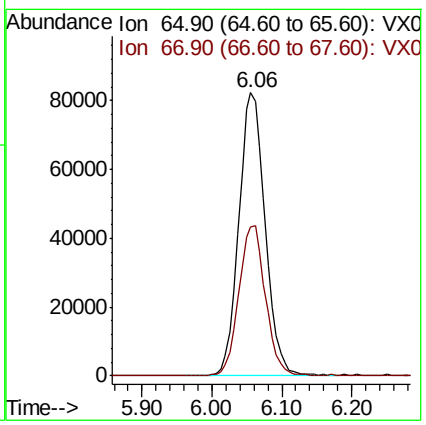


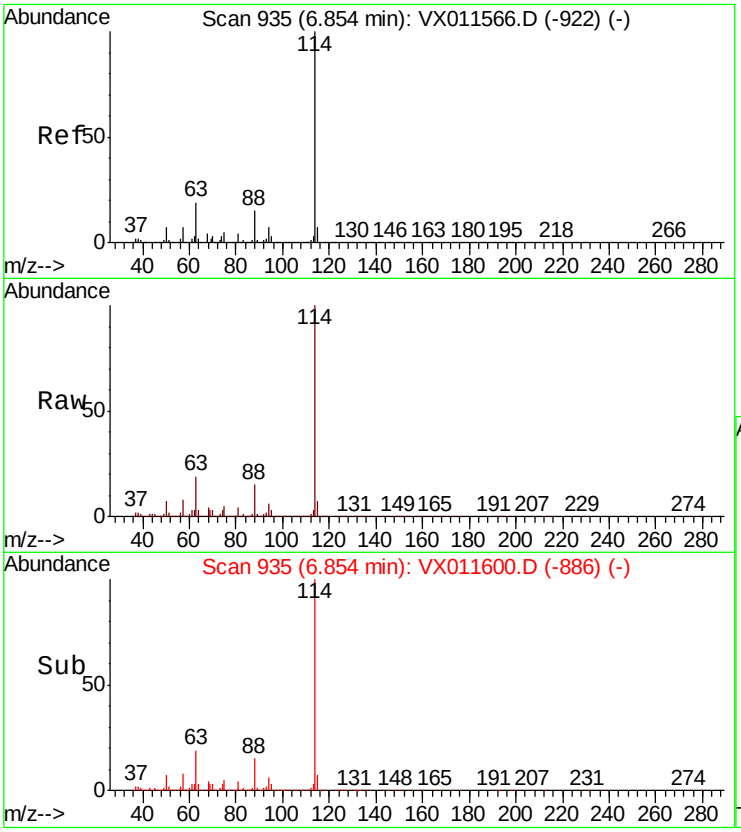


#33
1,2-Dichloroethane-d4
Concen: 50.146 ug/l
RT: 6.06 min Scan# 804
Delta R.T. 0.00 min
Lab File: VX011600.D
Acq: 16 Aug 2019 23:50

Tgt Ion: 65 Resp: 213799

Ion	Ratio	Lower	Upper
65	100		
67	53.6	0.0	107.6



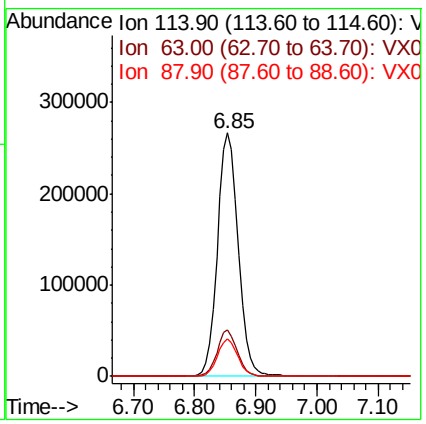


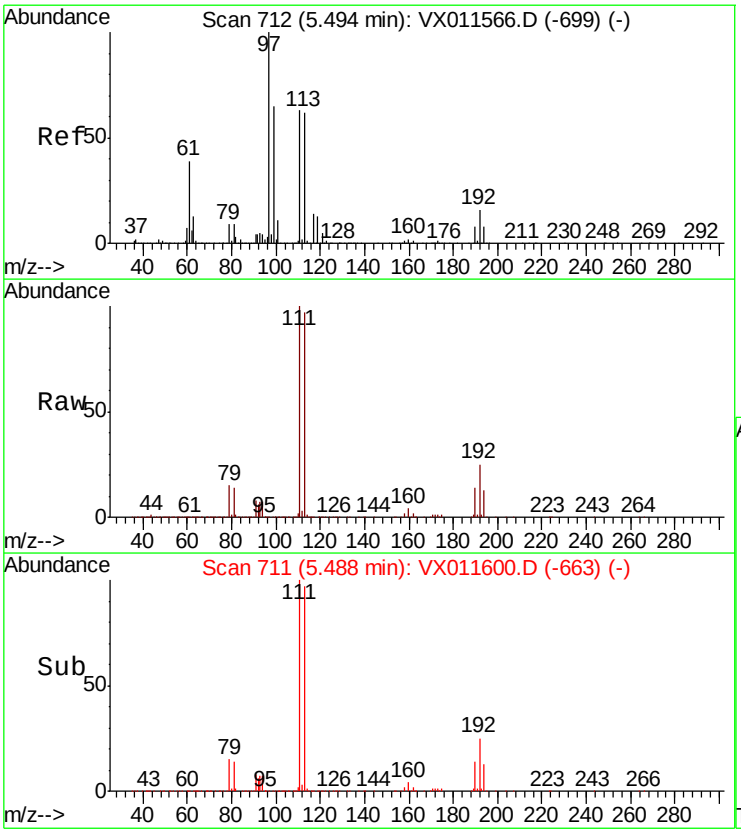
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 935
Delta R.T. 0.00 min
Lab File: VX011600.D
Acq: 16 Aug 2019 23:50

Instrument :
MSVOA_X
ClientSampleId :
PB122302TB

Tgt Ion:114 Resp: 630046

Ion	Ratio	Lower	Upper
114	100		
63	18.8	0.0	37.8
88	15.2	0.0	30.2

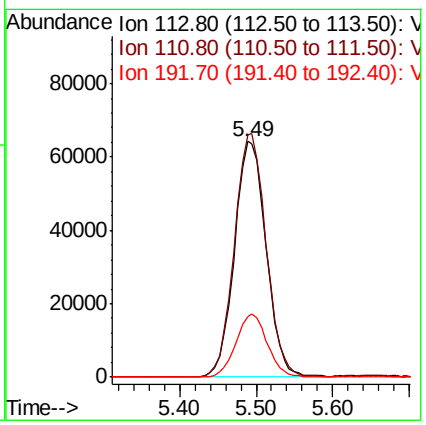


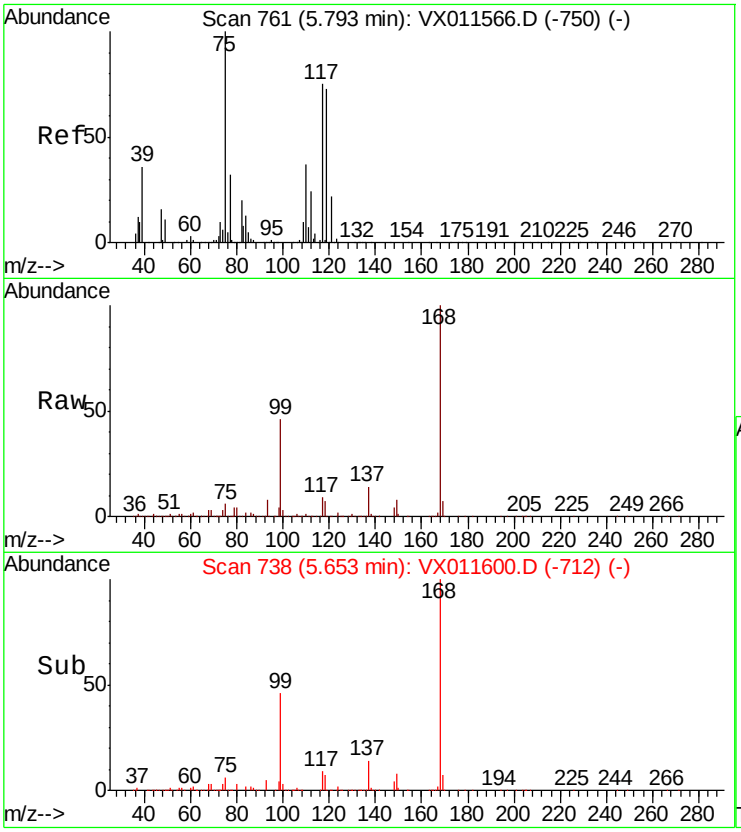


#35
Dibromofluoromethane
Concen: 44.633 ug/l
RT: 5.49 min Scan# 711
Delta R.T. -0.01 min
Lab File: VX011600.D
Acq: 16 Aug 2019 23:50

Tgt Ion:113 Resp: 183929

Ion	Ratio	Lower	Upper
113	100		
111	104.0	81.1	121.7
192	26.5	20.8	31.2



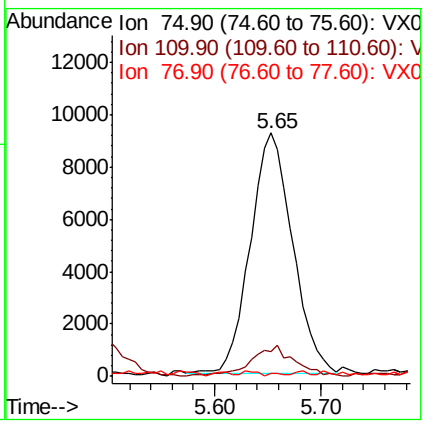


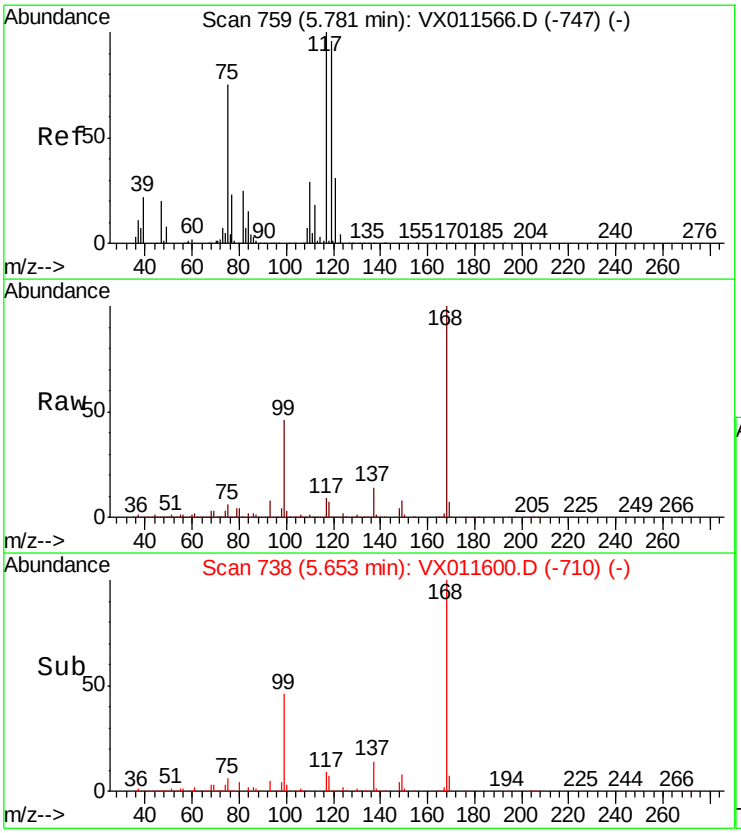
#36
1,1-Dichloropropene
Concen: 4.752 ug/l
RT: 5.65 min Scan# 738
Delta R.T. -0.14 min
Lab File: VX011600.D
Acq: 16 Aug 2019 23:50

Instrument : MSVOA_X
ClientSampleId : PB122302TB

Tgt Ion: 75 Resp: 25599

Ion	Ratio	Lower	Upper
75	100		
110	13.3	19.4	58.1#
77	0.6	25.1	37.7#

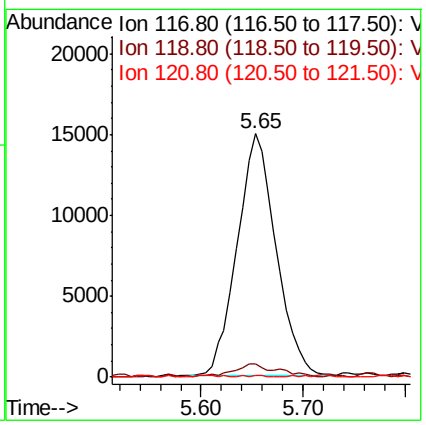


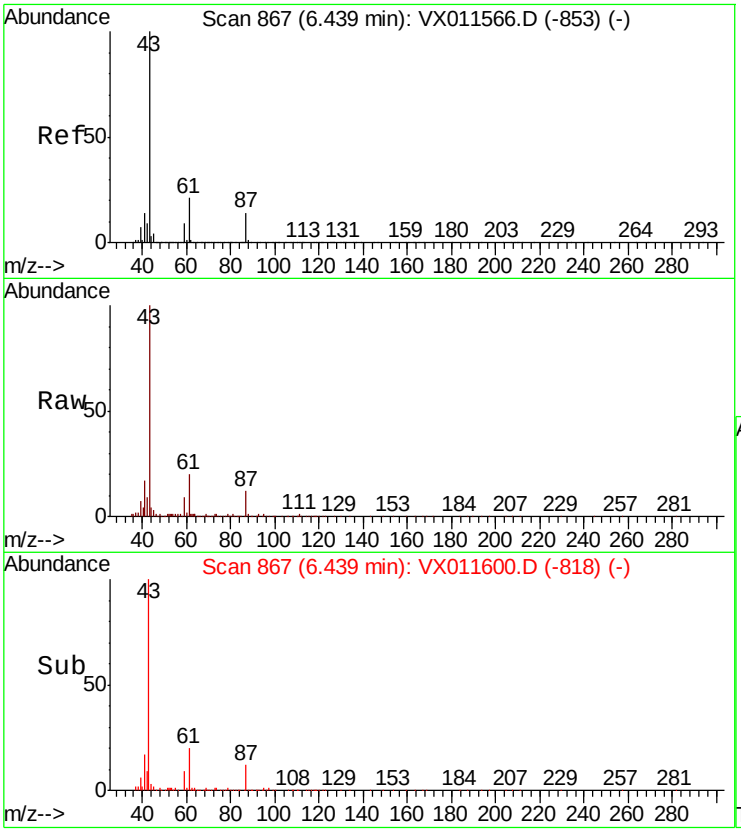


#38
Carbon Tetrachloride
Concen: 6.649 ug/l
RT: 5.65 min Scan# 738
Delta R.T. -0.13 min
Lab File: VX011600.D
Acq: 16 Aug 2019 23:50

Tgt Ion:117 Resp: 39462

Ion	Ratio	Lower	Upper
117	100		
119	4.9	76.9	115.3#
121	0.5	24.8	37.2#



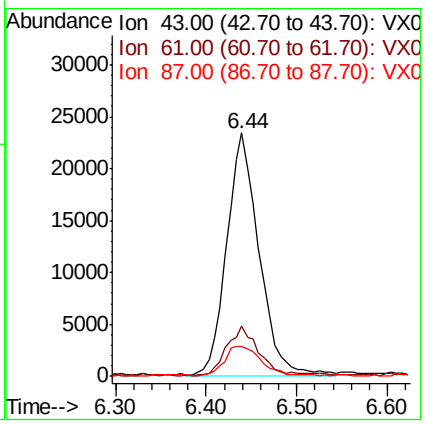


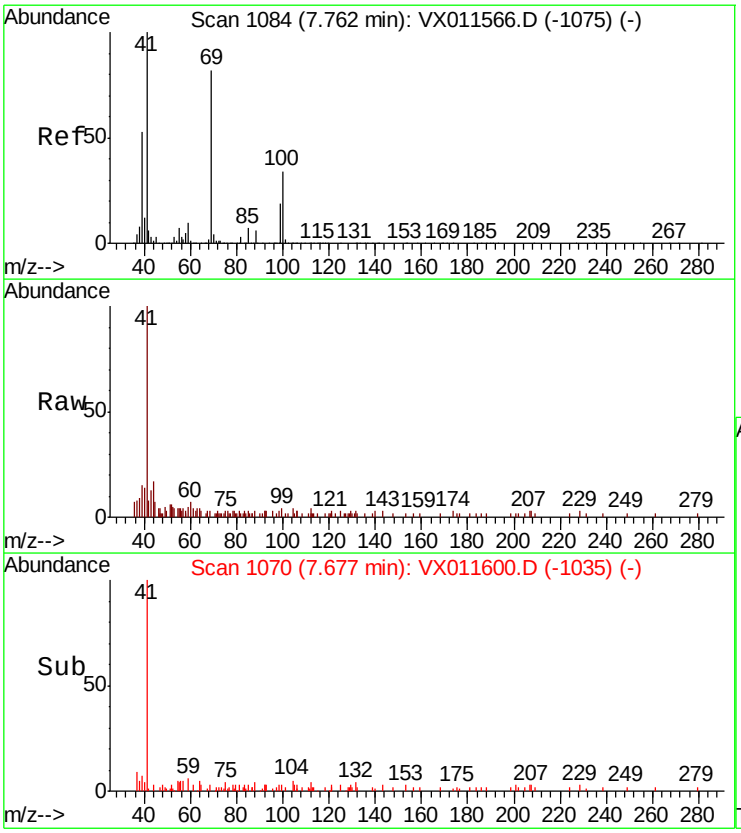
#43
Isopropyl Acetate
Concen: 5.982 ug/l
RT: 6.44 min Scan# 867
Delta R.T. 0.00 min
Lab File: VX011600.D
Acq: 16 Aug 2019 23:50

Instrument :
MSVOA_X
ClientSampleId :
PB122302TB

Tgt Ion: 43 Resp: 57840

Ion	Ratio	Lower	Upper
43	100		
61	22.0	16.6	24.8
87	14.6	11.4	17.2

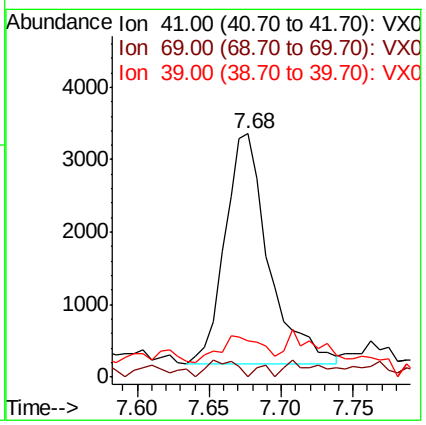


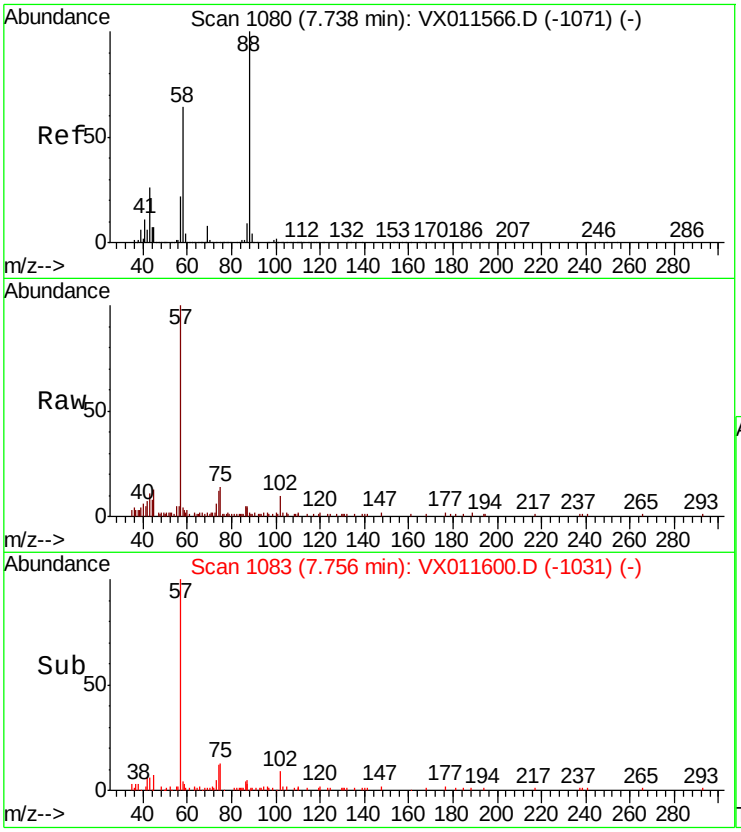


#48
Methyl methacrylate
Concen: 1.410 ug/l
RT: 7.68 min Scan# 1070
Delta R.T. -0.09 min
Lab File: VX011600.D
Acq: 16 Aug 2019 23:50

Tgt Ion: 41 Resp: 6753

Ion	Ratio	Lower	Upper
41	100		
69	1.5	67.9	101.9#
39	0.0	41.6	62.4#



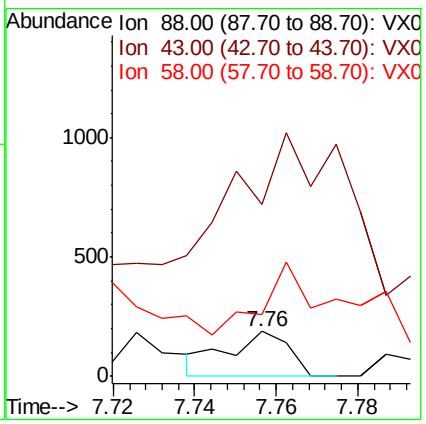


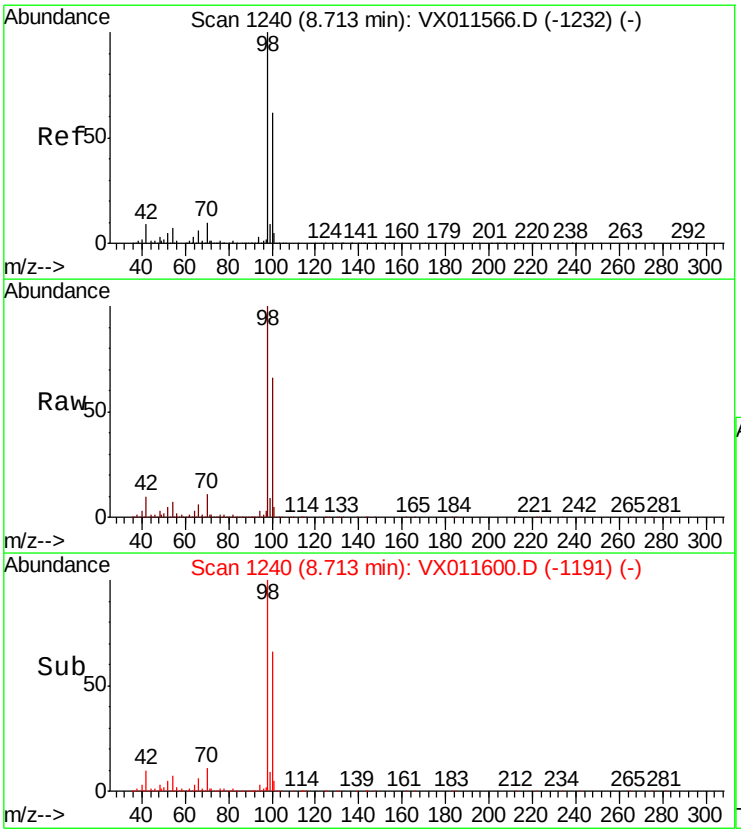
#49
1,4-Dioxane
Concen: 1.515 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. 0.02 min
Lab File: VX011600.D
Acq: 16 Aug 2019 23:50

Instrument :
MSVOA_X
ClientSampleId :
PB122302TB

Tgt Ion: 88 Resp: 193

Ion	Ratio	Lower	Upper
88	100		
43	0.0	23.4	35.0#
58	343.0	54.3	81.5#

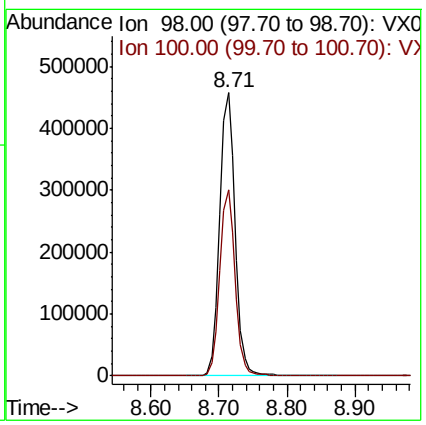


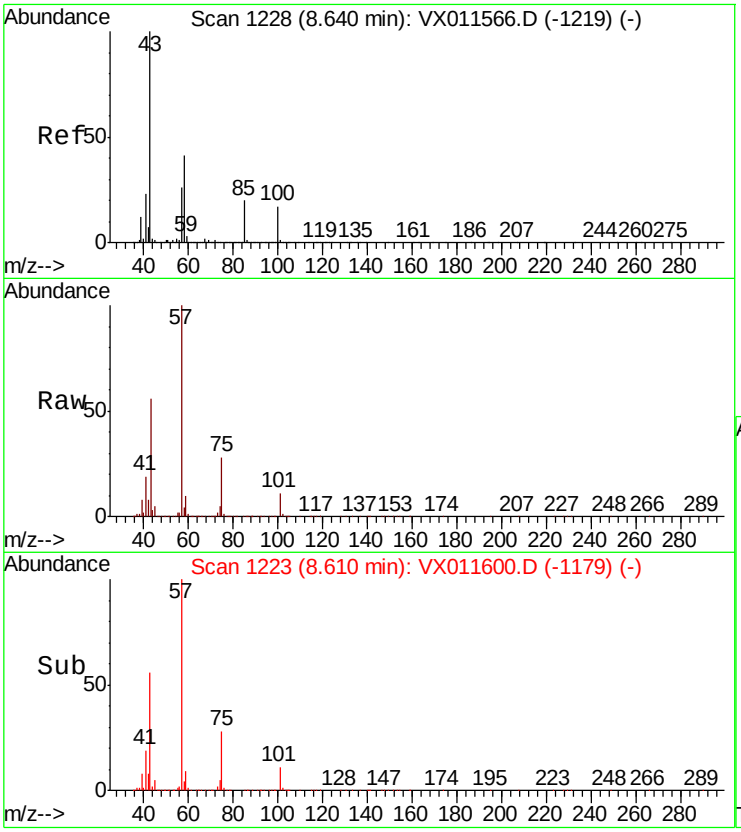


#50
Toluene-d8
Concen: 56.161 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX011600.D
Acq: 16 Aug 2019 23:50

Tgt Ion: 98 Resp: 721118

Ion	Ratio	Lower	Upper
98	100		
100	65.3	52.4	78.6



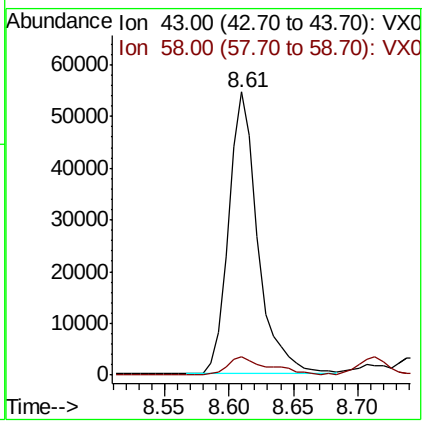


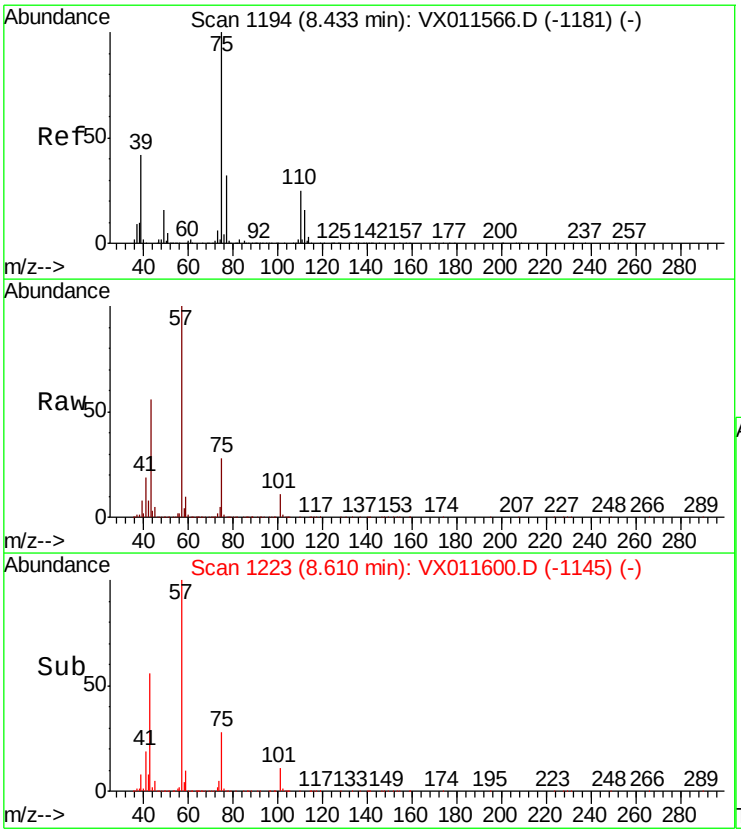
#51
4-Methyl-2-Pentanone
Concen: 13.634 ug/l
RT: 8.61 min Scan# 1223
Delta R.T. -0.03 min
Lab File: VX011600.D
Acq: 16 Aug 2019 23:50

Instrument :
MSVOA_X
ClientSampleId :
PB122302TB

Tgt Ion: 43 Resp: 86289

Ion	Ratio	Lower	Upper
43	100		
58	9.0	31.8	47.6#

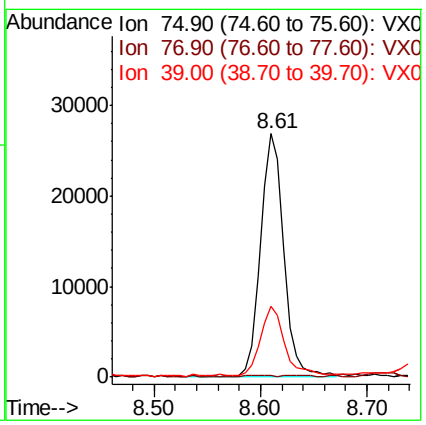


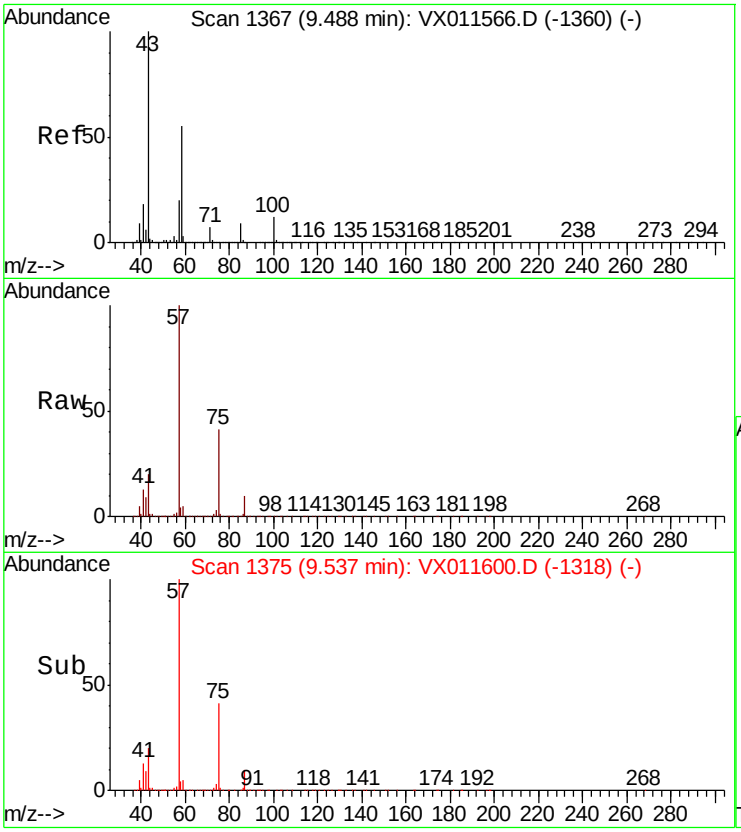


#54
cis-1,3-Dichloropropene
Concen: 6.474 ug/l
RT: 8.61 min Scan# 1223
Delta R.T. 0.18 min
Lab File: VX011600.D
Acq: 16 Aug 2019 23:50

Tgt Ion: 75 Resp: 40958

Ion	Ratio	Lower	Upper
75	100		
77	0.3	25.5	38.3#
39	29.2	33.6	50.4#



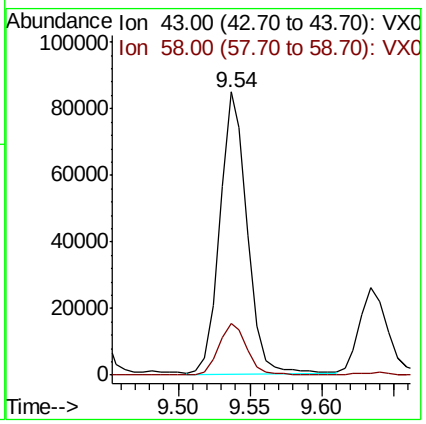


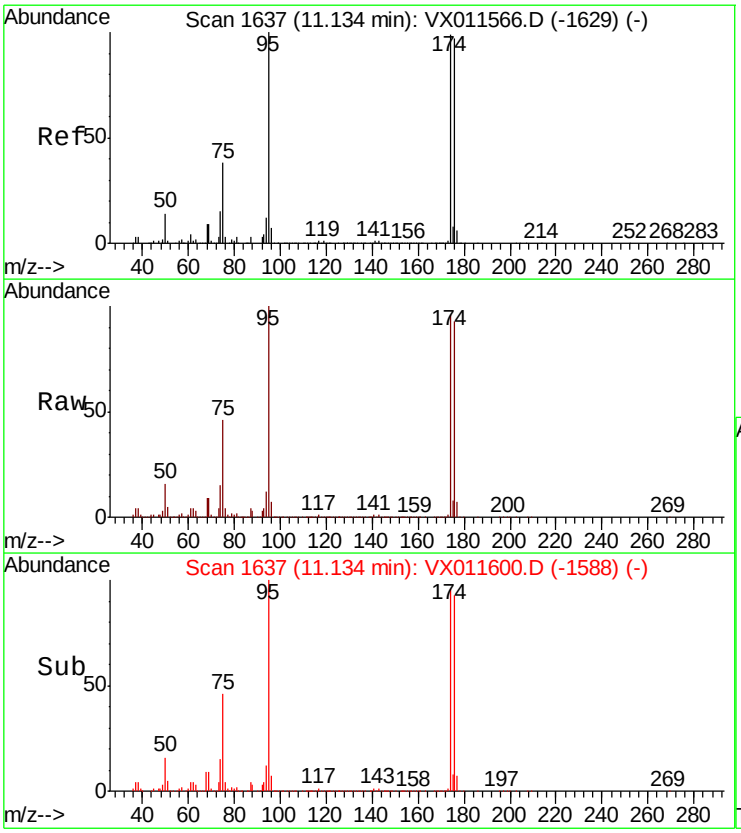
#59
2-Hexanone
Concen: 23.231 ug/l
RT: 9.54 min Scan# 1375
Delta R.T. 0.05 min
Lab File: VX011600.D
Acq: 16 Aug 2019 23:50

Instrument :
MSVOA_X
ClientSampleId :
PB122302TB

Tgt Ion: 43 Resp: 113384

Ion	Ratio	Lower	Upper
43	100		
58	18.8	27.5	82.4#

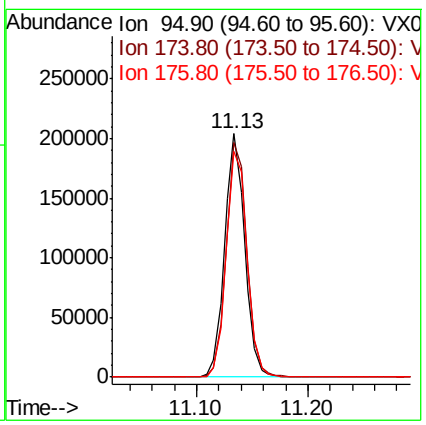


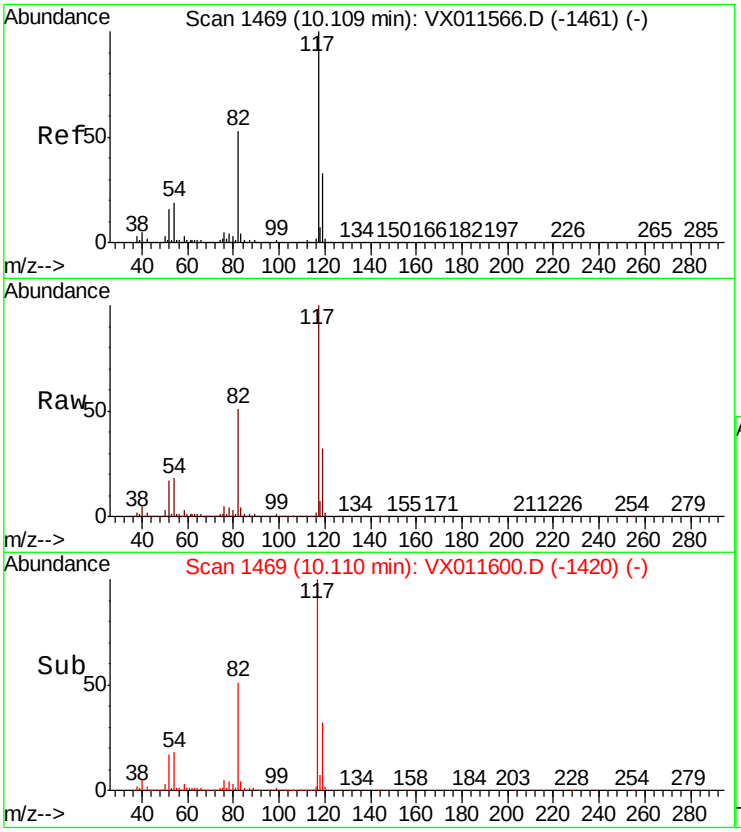


#62
4-Bromofluorobenzene
Concen: 46.853 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX011600.D
Acq: 16 Aug 2019 23:50

Tgt Ion: 95 Resp: 253925

Ion	Ratio	Lower	Upper
95	100		
174	99.0	0.0	200.6
176	96.2	0.0	196.6



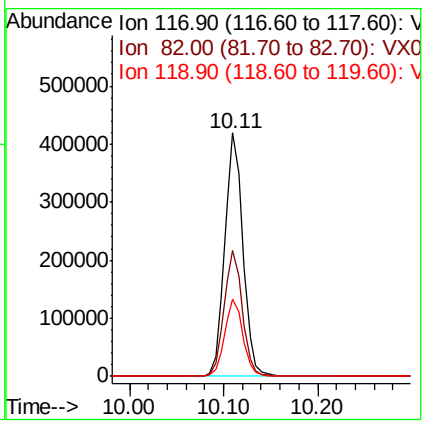


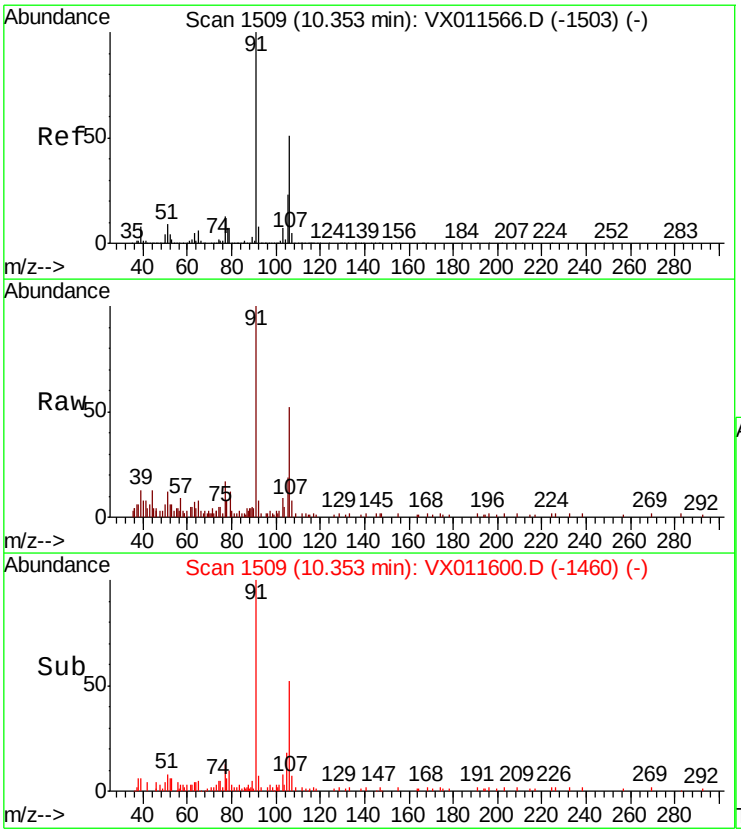
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011600.D
Acq: 16 Aug 2019 23:50

Instrument :
MSVOA_X
ClientSampleId :
PB122302TB

Tgt Ion:117 Resp: 561758

Ion	Ratio	Lower	Upper
117	100		
82	51.4	42.0	63.0
119	31.8	26.5	39.7

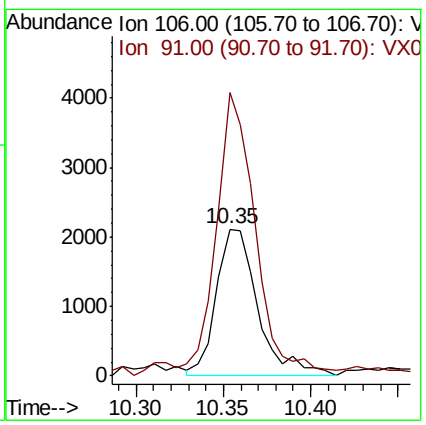


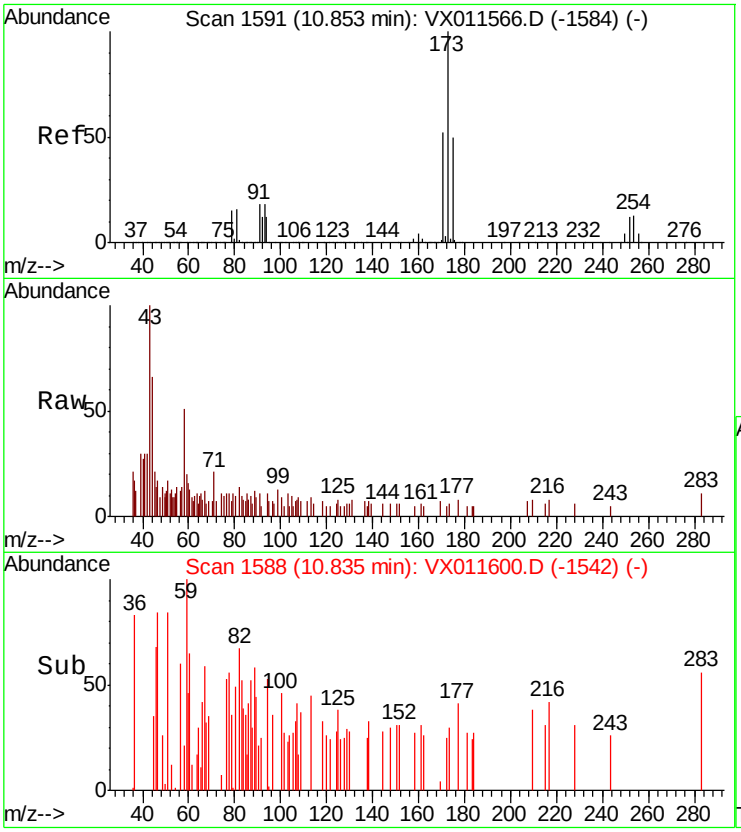


#68
m/p-Xylenes
Concen: 0.458 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. 0.00 min
Lab File: VX011600.D
Acq: 16 Aug 2019 23:50

Tgt Ion:106 Resp: 3514

Ion	Ratio	Lower	Upper
106	100		
91	187.3	156.0	234.0



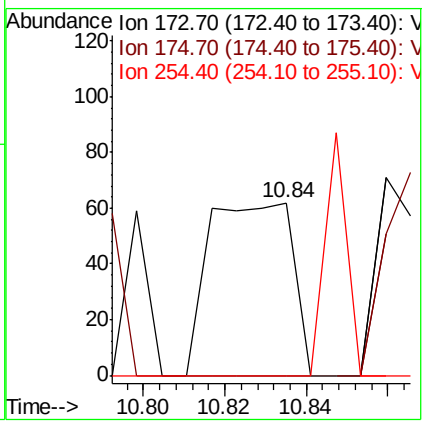


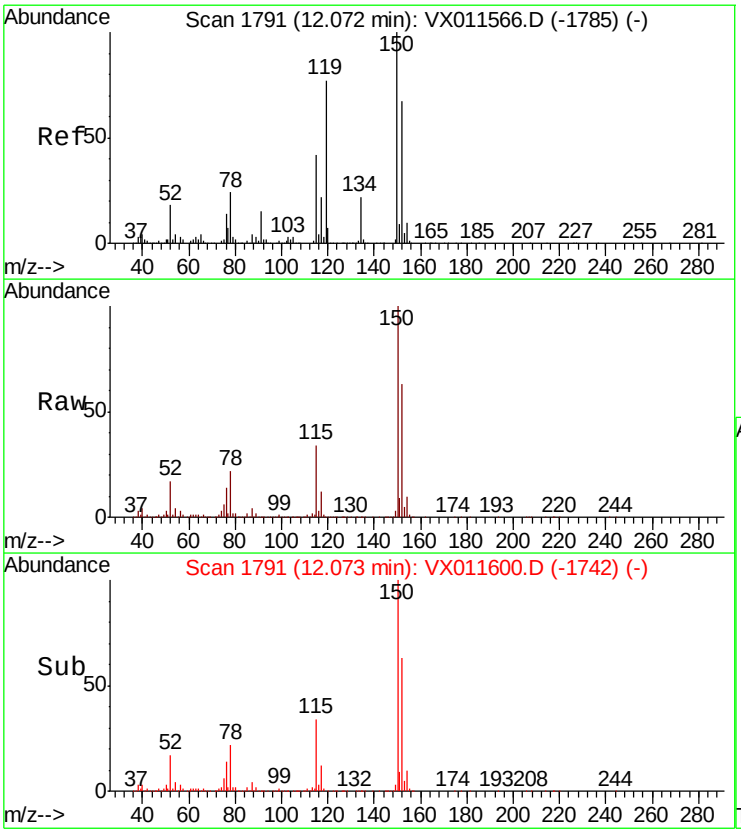
#71
Bromoform
Concen: 3.310 ug/l
RT: 10.84 min Scan# 1588
Delta R.T. -0.02 min
Lab File: VX011600.D
Acq: 16 Aug 2019 23:50

Instrument : MSVOA_X
ClientSampleId : PB122302TB

Tgt Ion:173 Resp: 88

Ion	Ratio	Lower	Upper
173	100		
175	0.0	24.9	74.7#
254	36.4	0.1	0.1#

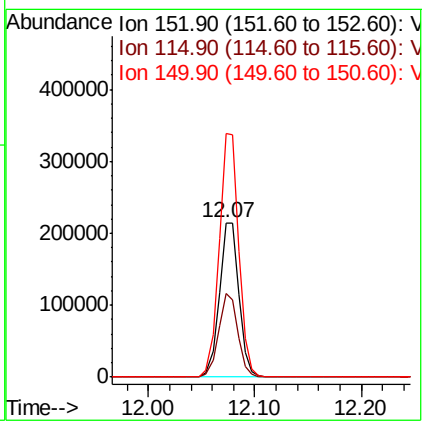


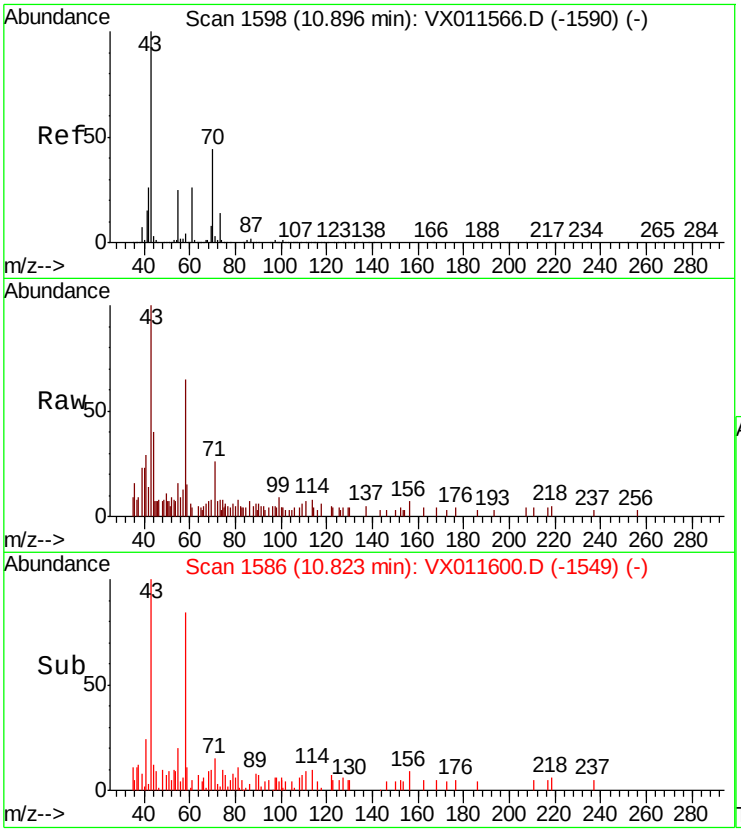


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1791
Delta R.T. 0.00 min
Lab File: VX011600.D
Acq: 16 Aug 2019 23:50

Tgt Ion:152 Resp: 275346

Ion	Ratio	Lower	Upper
152	100		
115	52.9	37.3	111.9
150	157.7	0.0	346.2



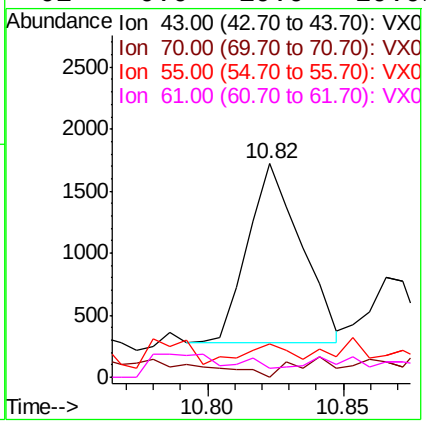


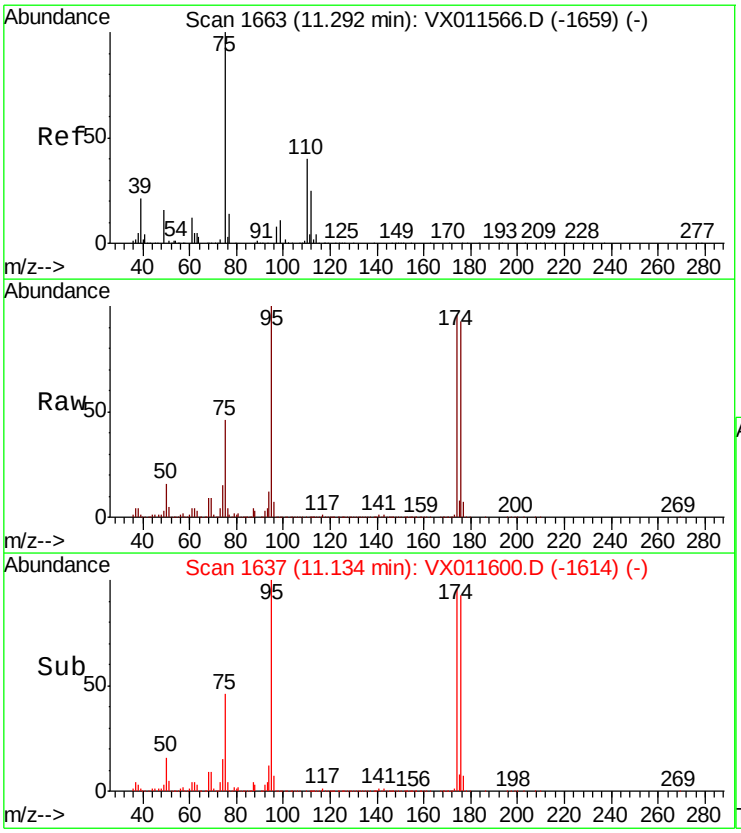
#74
N-amyl acetate
Concen: 0.256 ug/l
RT: 10.82 min Scan# 1586
Delta R.T. -0.07 min
Lab File: VX011600.D
Acq: 16 Aug 2019 23:50

Instrument : MSVOA_X
ClientSampleId : PB122302TB

Tgt Ion: 43 Resp: 1944

Ion	Ratio	Lower	Upper
43	100		
70	0.0	34.7	52.1#
55	4.9	19.6	29.4#
61	0.0	19.9	29.9#

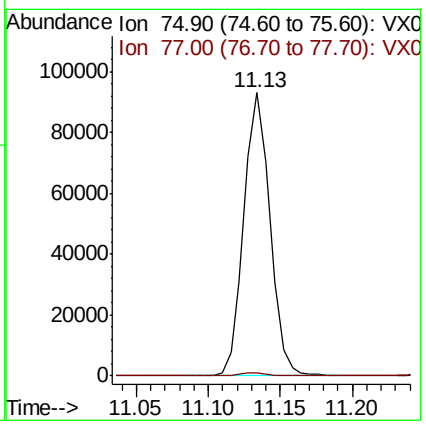


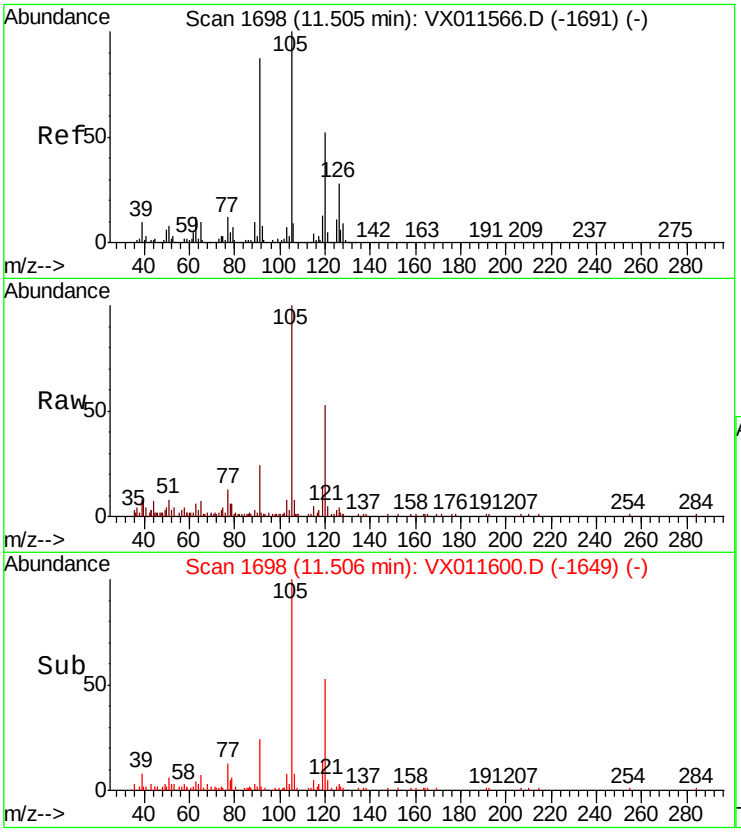


#76
1,2,3-Trichloropropane
Concen: 22.350 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX011600.D
Acq: 16 Aug 2019 23:50

Tgt Ion: 75 Resp: 116694

Ion	Ratio	Lower	Upper
75	100		
77	1.2	20.9	62.8#



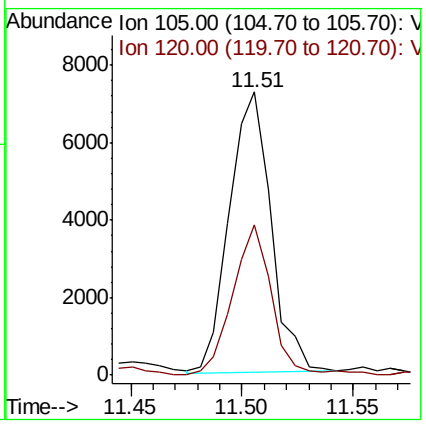


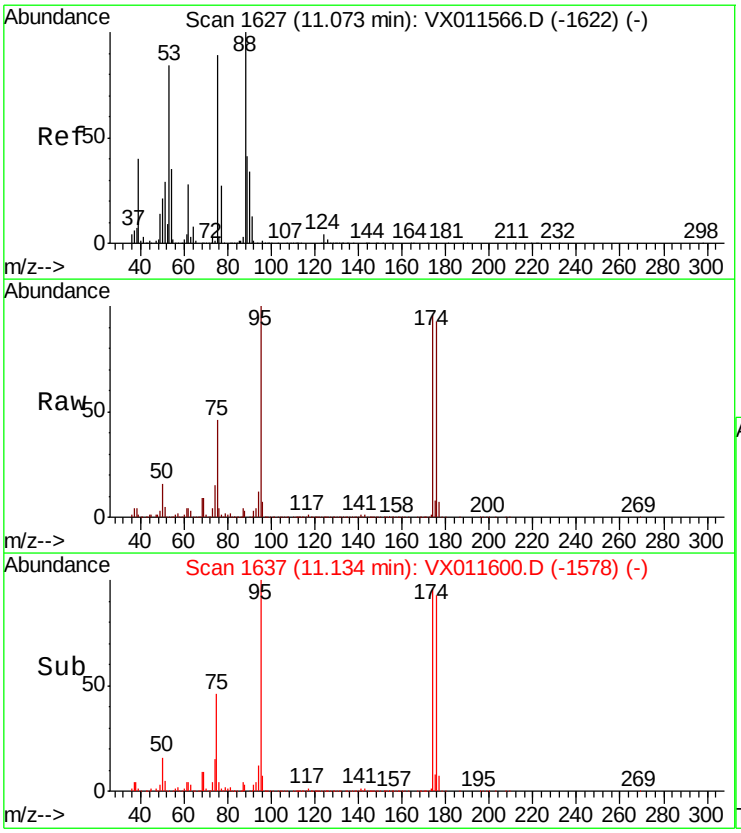
#80
1,3,5-Trimethylbenzene
Concen: 0.629 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX011600.D
Acq: 16 Aug 2019 23:50

Instrument :
MSVOA_X
ClientSampleId :
PB122302TB

Tgt Ion:105 Resp: 9440

Ion	Ratio	Lower	Upper
105	100		
120	49.7	25.3	75.8

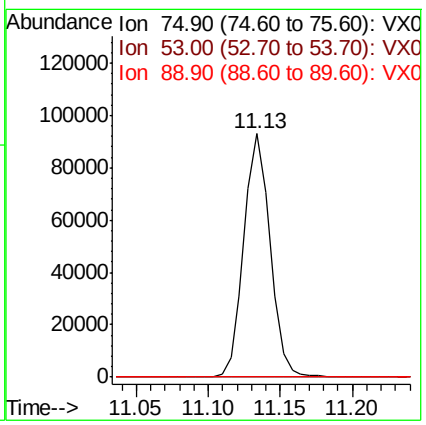


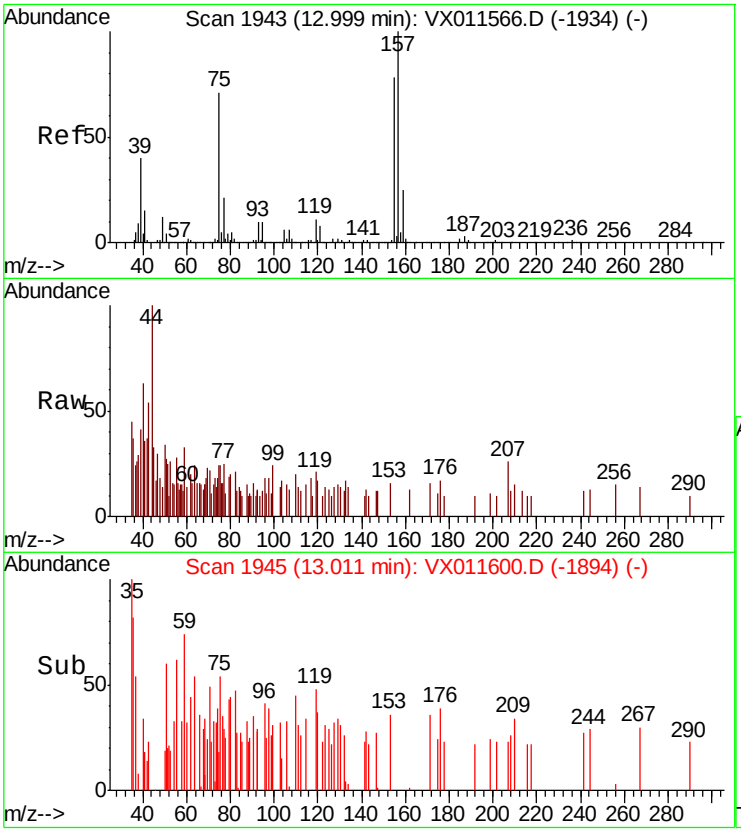


#81
trans-1,4-Dichloro-2-butene
Concen: 59.599 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX011600.D
Acq: 16 Aug 2019 23:50

Tgt Ion: 75 Resp: 116694

Ion	Ratio	Lower	Upper
75	100		
53	0.1	77.4	116.0#
89	0.0	37.3	55.9#



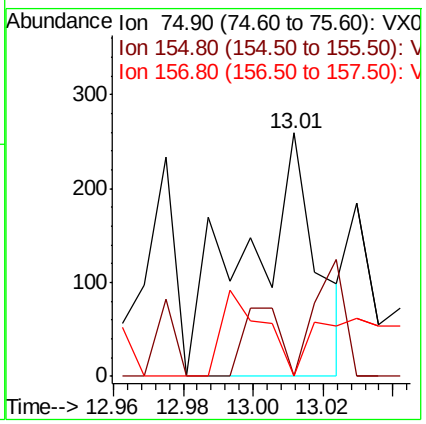


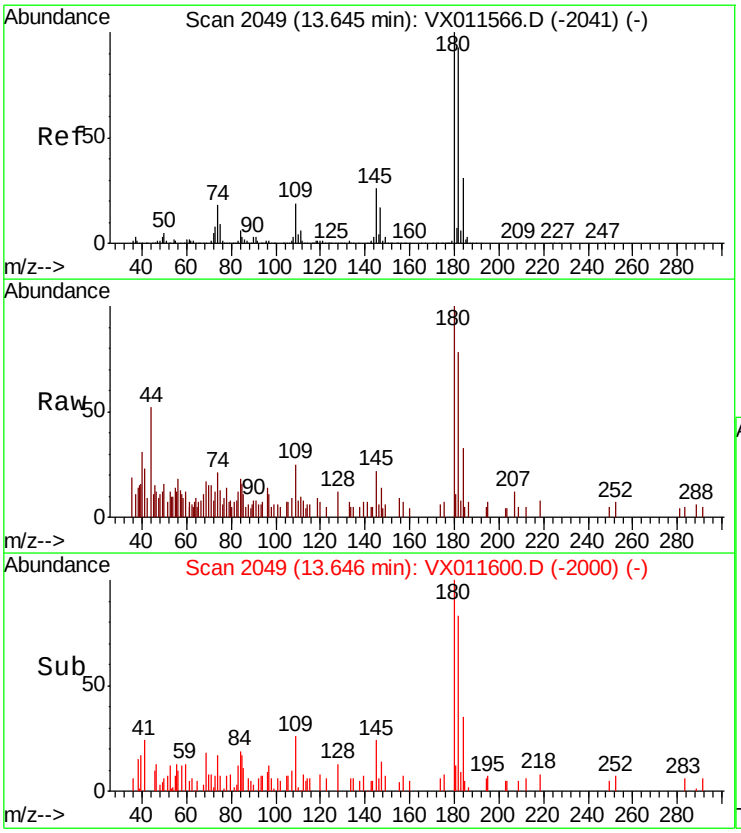
#92
1,2-Dibromo-3-Chloropropane
Concen: 0.256 ug/l
RT: 13.01 min Scan# 1945
Delta R.T. 0.01 min
Lab File: VX011600.D
Acq: 16 Aug 2019 23:50

Instrument :
MSVOA_X
ClientSampleId :
PB122302TB

Tgt Ion: 75 Resp: 360

Ion	Ratio	Lower	Upper
75	100		
155	20.6	53.0	159.0#
157	28.3	68.3	205.1#





#93
1,2,4-Trichlorobenzene
Concen: 0.250 ug/l
RT: 13.65 min Scan# 2049
Delta R.T. 0.00 min
Lab File: VX011600.D
Acq: 16 Aug 2019 23:50

Tgt Ion:180 Resp: 1711

Ion	Ratio	Lower	Upper
180	100		
182	82.6	47.3	142.0
145	33.0	13.6	40.8