Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX010919\
Data File : VX006967.D
Acq On : 09 Jan 2019 16:06
Operator : JC/MD
Sample : K1006-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : JC-03-010819-A

Quant Time: Jan 10 00:56:44 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 08 14:06:59 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.67	168	641207	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.86	114	985352	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.12	117	917788	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	439003	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.06	65	335395	50.05	ug/l		0.00
Spiked Amount 50.000			Recovery = 100.10%				
35) Dibromofluoromethane	5.50	113	299567	47.47	ug/l		0.00
Spiked Amount 50.000			Recovery = 94.94%				
50) Toluene-d8	8.71	98	1175445	50.89	ug/l		0.00
Spiked Amount 50.000			Recovery = 101.78%				
62) 4-Bromofluorobenzene	11.13	95	419290	52.07	ug/l		0.00
Spiked Amount 50.000			Recovery = 104.14%				
Target Compounds							Qvalue
3) Chloromethane	1.33	50	1426	0.233	ug/l		99
8) Diethyl Ether	2.19	74	18150	4.282	ug/l		99
11) Tert butyl alcohol	3.03	59	5176	3.274	ug/l	#	79
13) Acrolein	2.30	56	960	4.475	ug/l	#	29
14) Allyl chloride	2.85	41	284810	28.199	ug/l	#	26
16) Acetone	2.45	43	41479	12.521	ug/l		96
18) Methyl Acetate	2.78	43	27952	2.914	ug/l		93
20) Methylene Chloride	2.85	84	8279255	1328.419	ug/l		93
25) 2-Butanone	4.71	43	3274	0.691	ug/l	#	74
29) Tetrahydrofuran	5.17	42	2583	0.838	ug/l	#	55
31) Cyclohexane	5.67	56	10701	1.132	ug/l	#	1
36) 1,1-Dichloropropene	5.67	75	40318	4.706	ug/l	#	49
38) Carbon Tetrachloride	5.67	117	57981	6.727	ug/l	#	14
43) Isopropyl Acetate	6.46	43	23064	1.592	ug/l		96
48) Methyl methacrylate	7.68	41	12436	1.672	ug/l	#	12
49) 1,4-Dioxane	7.77	88	74	Below Cal		#	1
51) 4-Methyl-2-Pentanone	8.62	43	110082	11.824	ug/l	#	50
54) cis-1,3-Dichloropropene	8.62	75	57558	5.979	ug/l	#	63
57) 1,3-Dichloropropane	9.54	76	13086	1.188	ug/l	#	44
59) 2-Hexanone	9.54	43	176402	24.863	ug/l	#	50
74) N-amyl acetate	10.69	43	15874	1.274	ug/l	#	54
76) 1,2,3-Trichloropropane	11.13	75	197430	22.193	ug/l	#	40
80) 1,3,5-Trimethylbenzene	11.51	105	8287	0.320	ug/l		93
81) trans-1,4-Dichloro-2-buten	11.13	75	197430	65.690	ug/l	#	10
84) 1,2,4-Trimethylbenzene	11.80	105	12034	0.463	ug/l		98
90) Hexachloroethane	12.60	117	1058	3.135	ug/l	#	10
95) Naphthalene	13.83	128	22619	0.715	ug/l		96

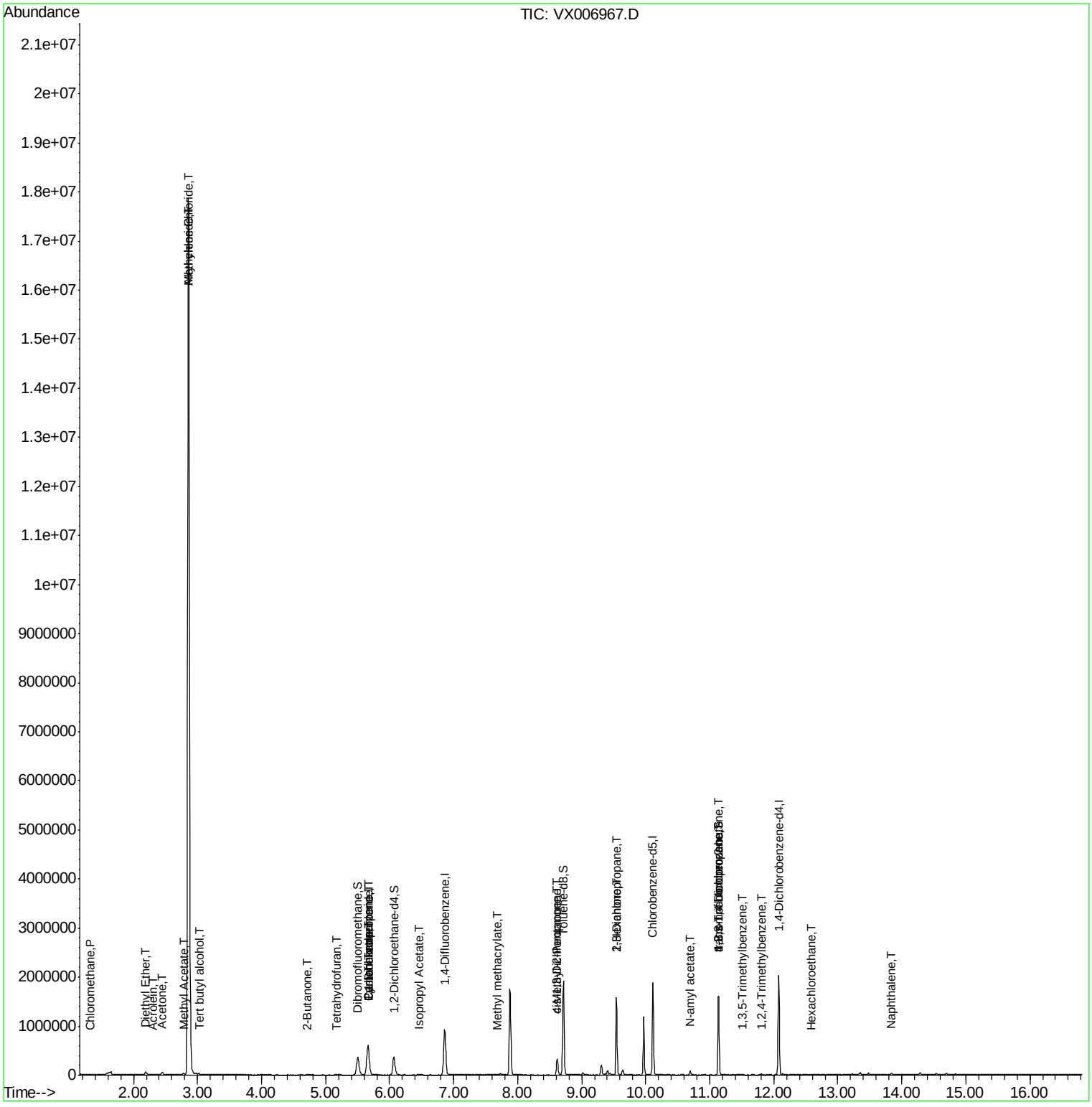
(#) = qualifier out of range (m) = manual integration (+) = signals summed

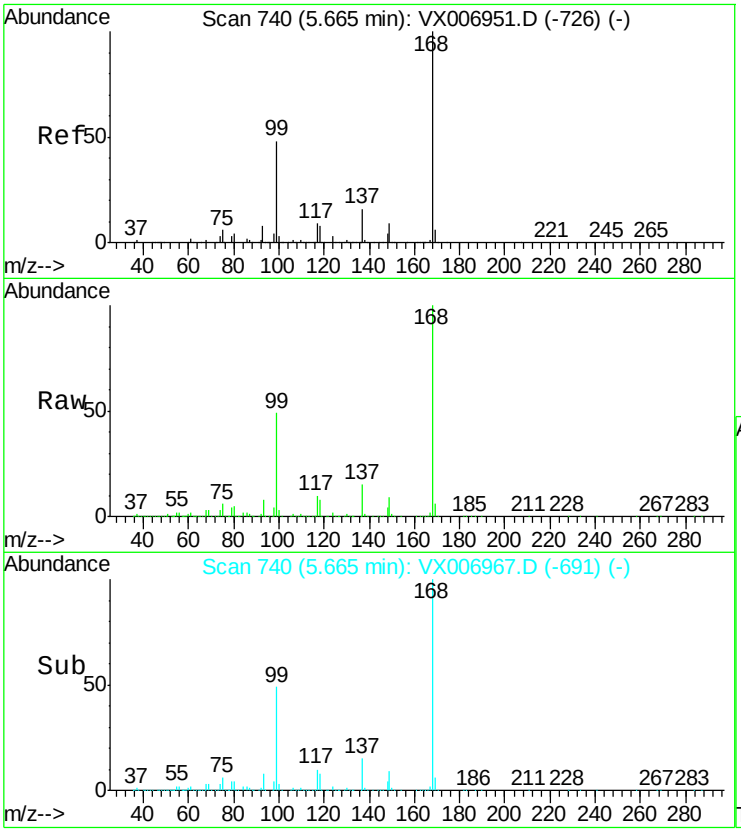
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX010919\
Data File : VX006967.D
Acq On : 09 Jan 2019 16:06
Operator : JC/MD
Sample : K1006-02
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
JC-03-010819-A

Quant Time: Jan 10 00:56:44 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 08 14:06:59 2019
Response via : Initial Calibration



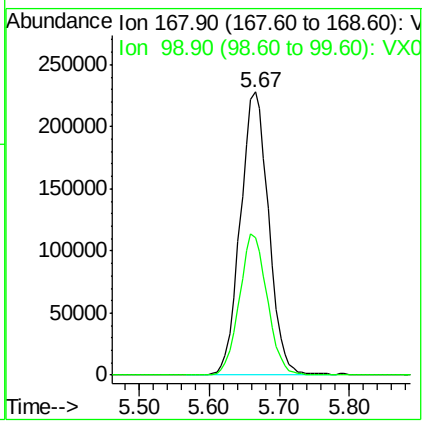


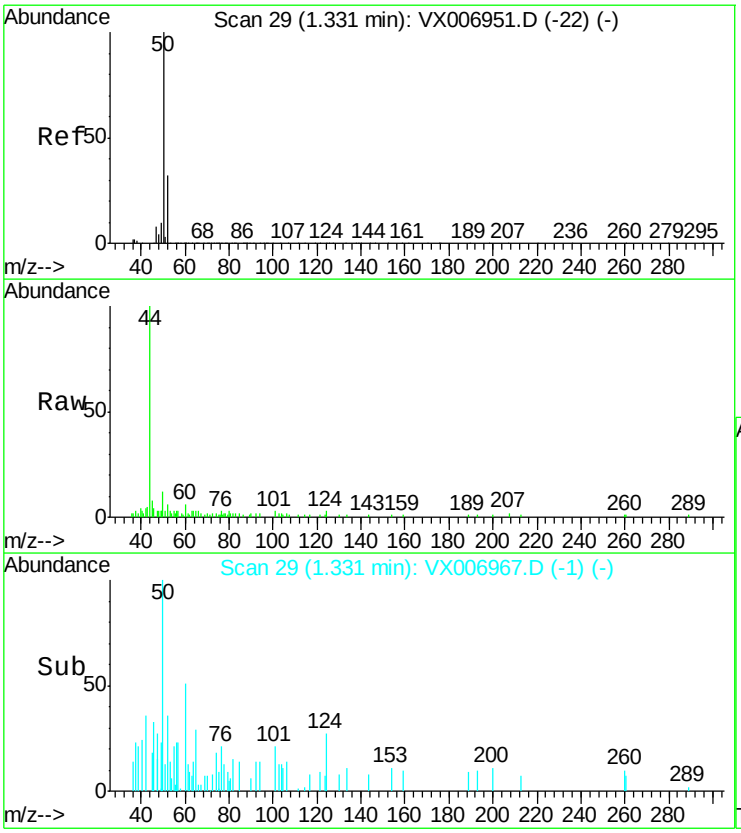
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.00 min
Lab File: VX006967.D
Acq: 09 Jan 2019 16:06

Instrument :
MSVOA_X
ClientSampleId :
JC-03-010819-A

Tgt Ion:168 Resp: 641207

Ion	Ratio	Lower	Upper
168	100		
99	48.5	41.8	62.8

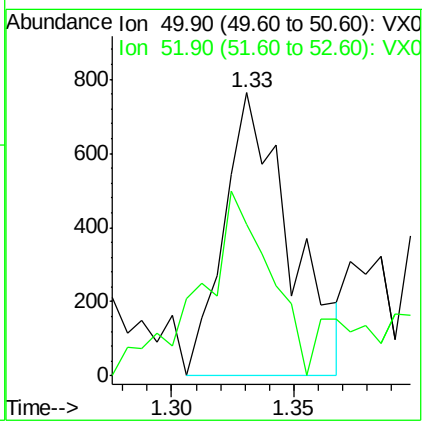


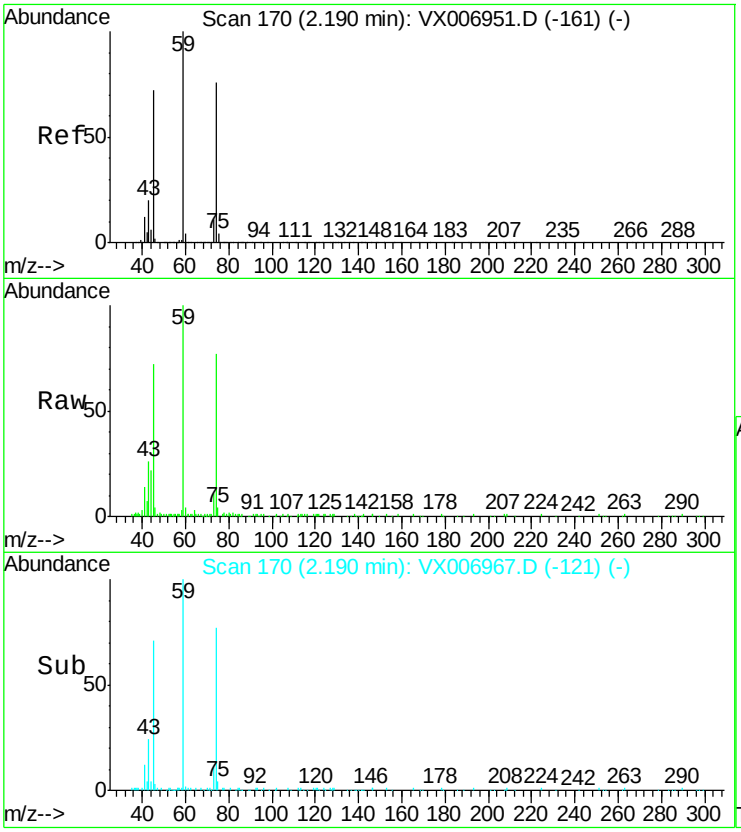


#3
Chloromethane
Concen: 0.233 ug/l
RT: 1.33 min Scan# 29
Delta R.T. -0.00 min
Lab File: VX006967.D
Acq: 09 Jan 2019 16:06

Tgt Ion: 50 Resp: 1426

Ion	Ratio	Lower	Upper
50	100		
52	31.4	25.4	38.2



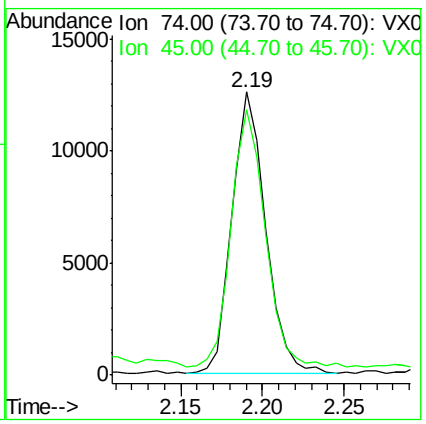


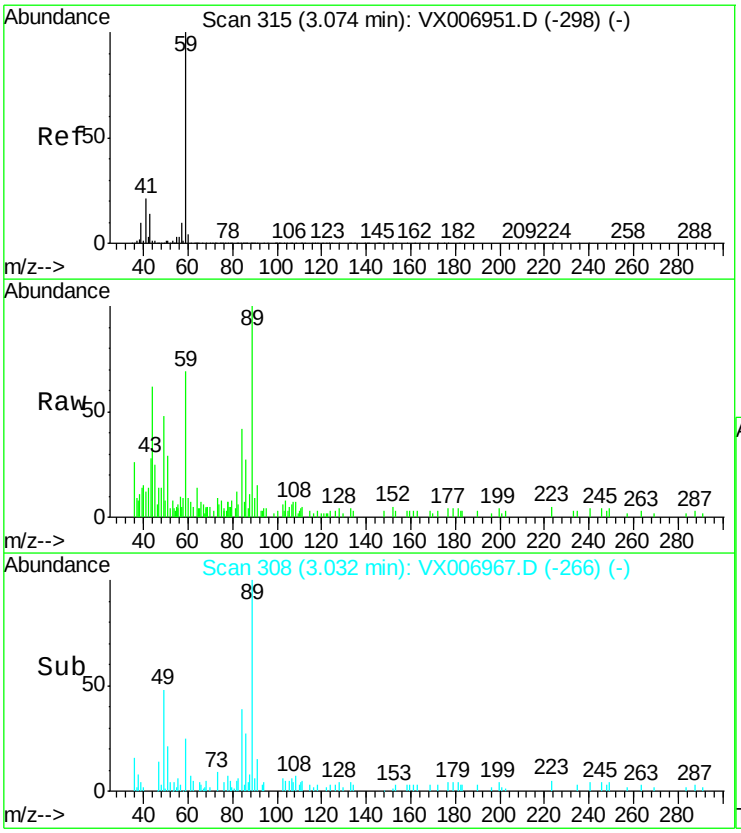
#8
Diethyl Ether
Concen: 4.282 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX006967.D
Acq: 09 Jan 2019 16:06

Instrument :
MSVOA_X
ClientSampleId :
JC-03-010819-A

Tgt Ion: 74 Resp: 18150

Ion	Ratio	Lower	Upper
74	100		
45	93.2	46.3	138.9

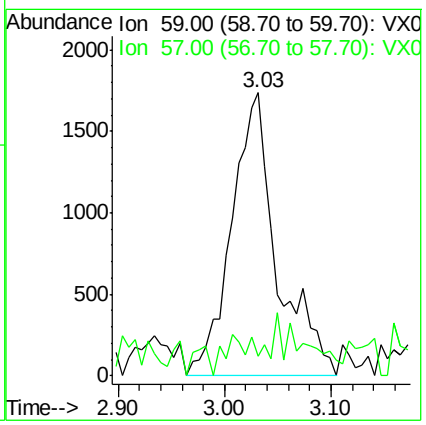


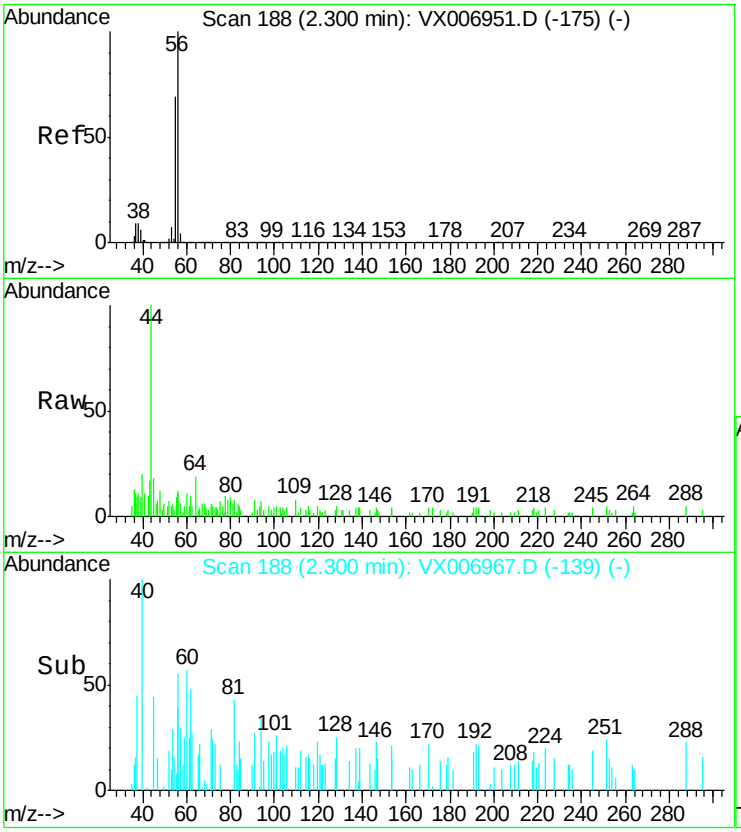


#11
Tert butyl alcohol
Concen: 3.274 ug/l
RT: 3.03 min Scan# 308
Delta R.T. -0.04 min
Lab File: VX006967.D
Acq: 09 Jan 2019 16:06

Tgt Ion: 59 Resp: 5176

Ion	Ratio	Lower	Upper
59	100		
57	2.8	8.5	12.7#



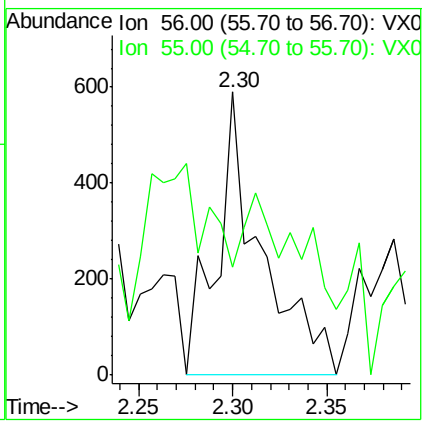


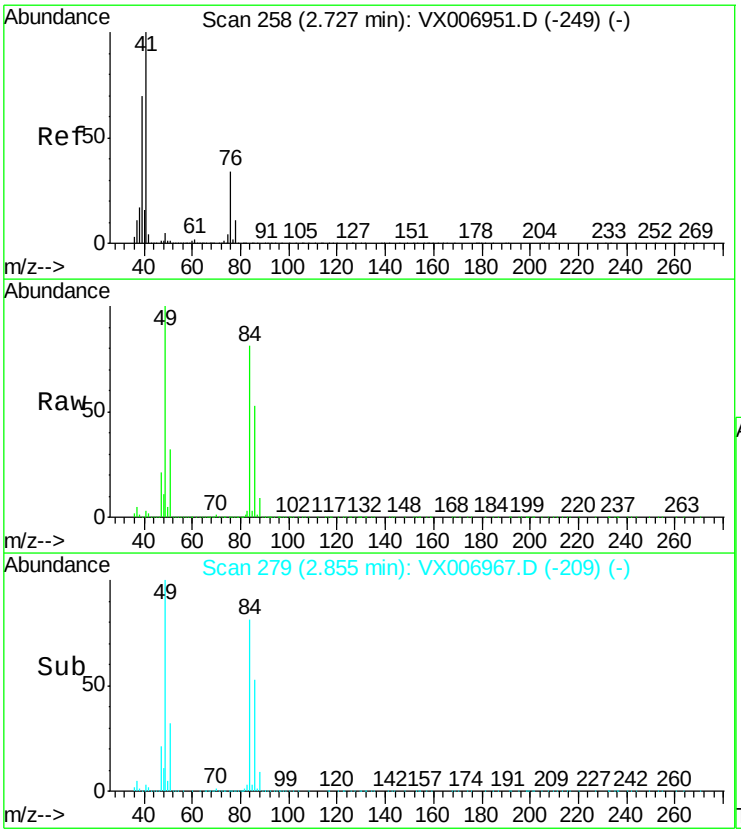
#13
Acrolein
Concen: 4.475 ug/l
RT: 2.30 min Scan# 188
Delta R.T. -0.00 min
Lab File: VX006967.D
Acq: 09 Jan 2019 16:06

Instrument :
MSVOA_X
ClientSampleId :
JC-03-010819-A

Tgt Ion: 56 Resp: 960

Ion	Ratio	Lower	Upper
56	100		
55	13.0	58.2	87.4#

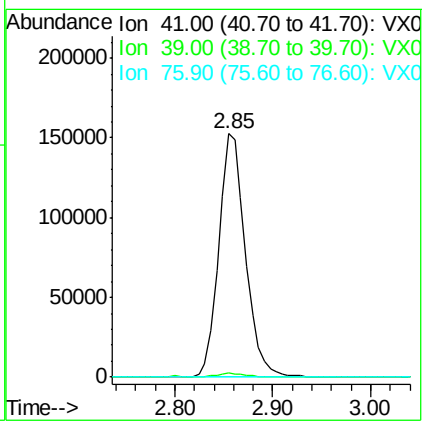


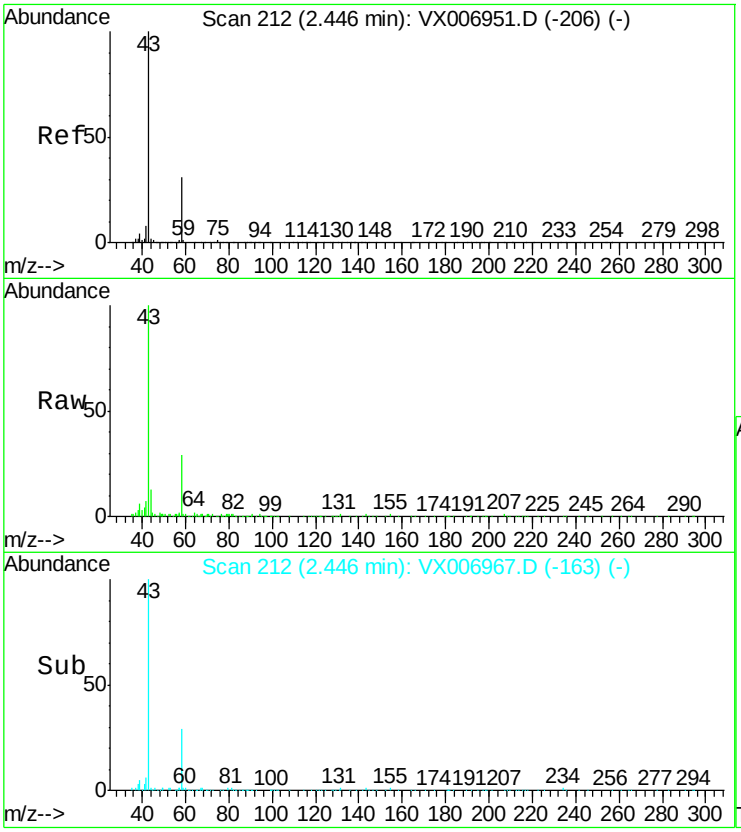


#14
Allyl chloride
Concen: 28.199 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.13 min
Lab File: VX006967.D
Acq: 09 Jan 2019 16:06

Tgt Ion: 41 Resp: 284810

Ion	Ratio	Lower	Upper
41	100		
39	1.4	53.6	80.4#
76	0.2	27.4	41.2#



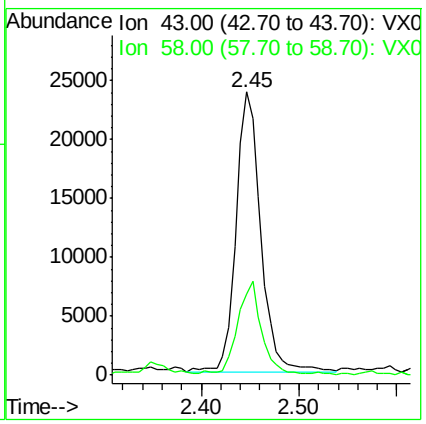


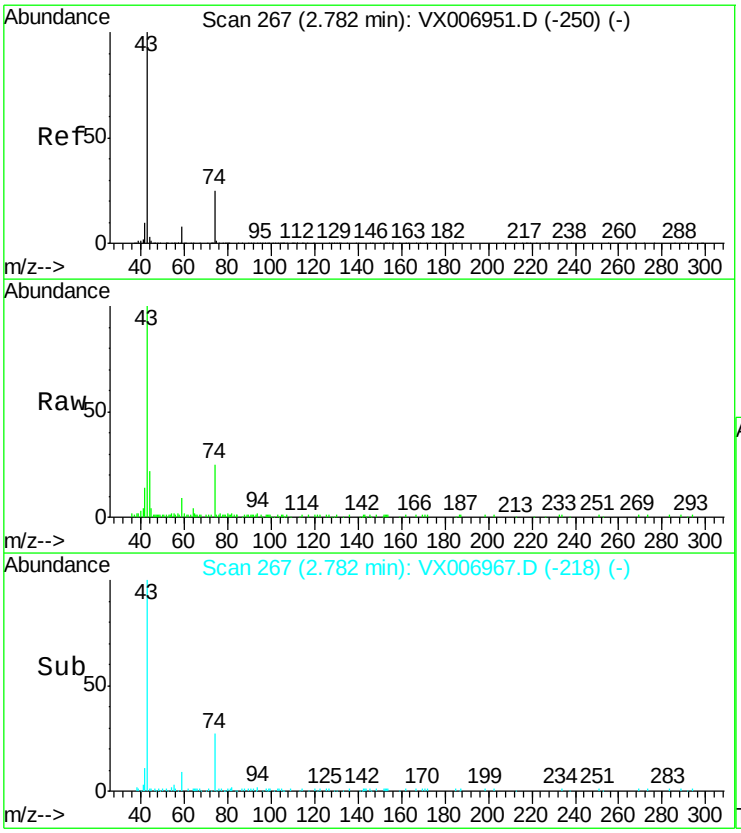
#16
Acetone
Concen: 12.521 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX006967.D
Acq: 09 Jan 2019 16:06

Instrument :
MSVOA_X
ClientSampleId :
JC-03-010819-A

Tgt Ion: 43 Resp: 41479

Ion	Ratio	Lower	Upper
43	100		
58	28.9	25.0	37.6

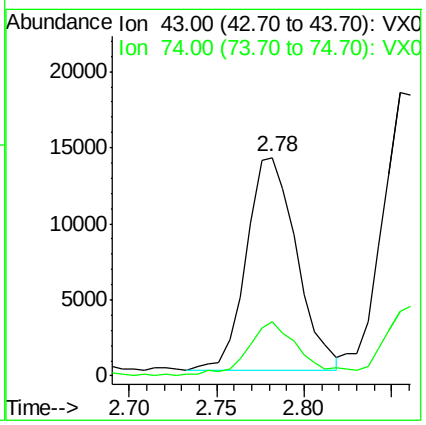


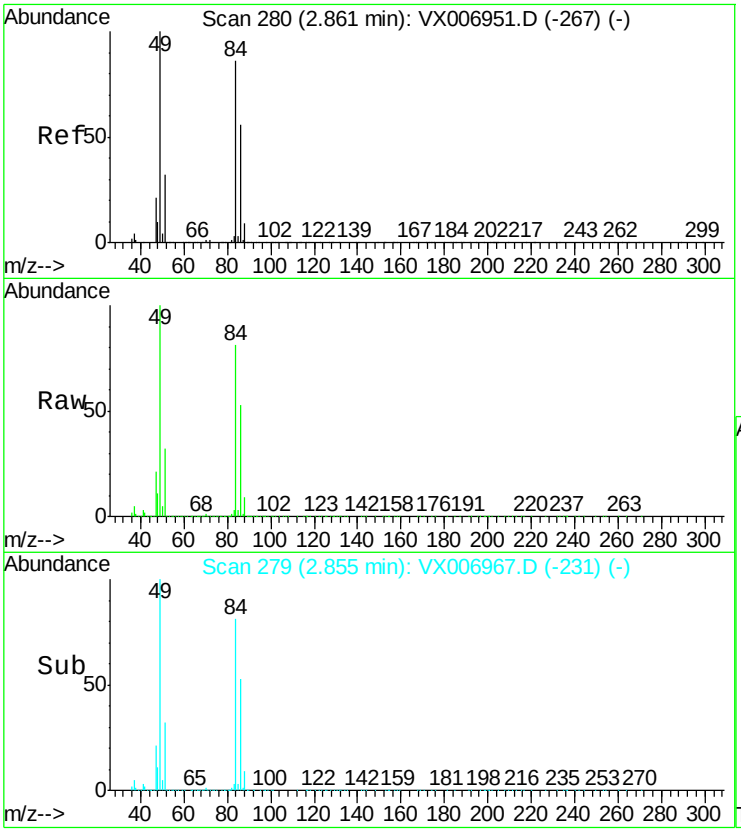


#18
Methyl Acetate
Concen: 2.914 ug/l
RT: 2.78 min Scan# 267
Delta R.T. -0.00 min
Lab File: VX006967.D
Acq: 09 Jan 2019 16:06

Tgt Ion: 43 Resp: 27952

Ion	Ratio	Lower	Upper
43	100		
74	26.5	18.6	28.0



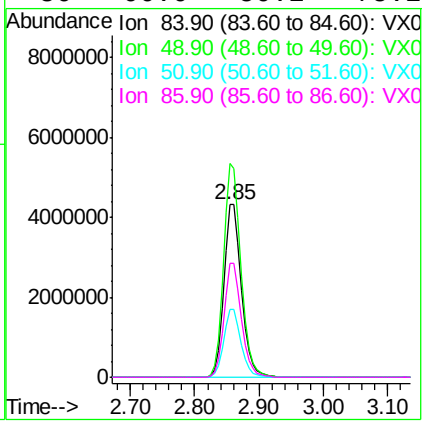


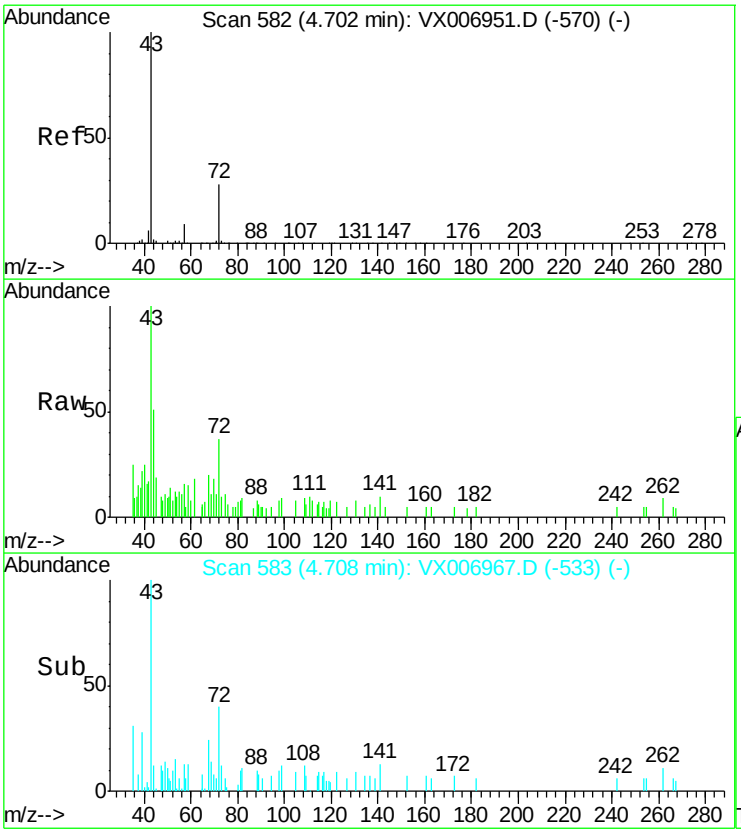
#20
Methylene Chloride
Concen: 1328.419 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX006967.D
Acq: 09 Jan 2019 16:06

Instrument : MSVOA_X
ClientSampleId : JC-03-010819-A

Tgt Ion: 84 Resp: 8279255

Ion	Ratio	Lower	Upper
84	100		
49	123.7	91.8	137.6
51	39.5	28.5	42.7
86	66.0	50.2	75.2

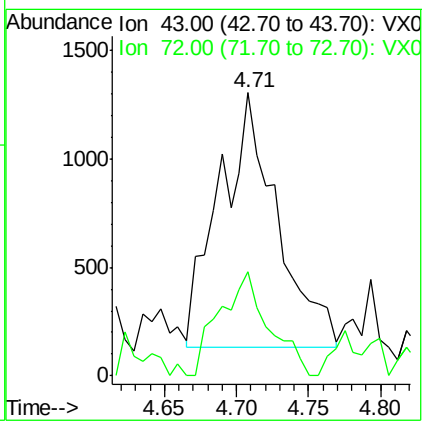


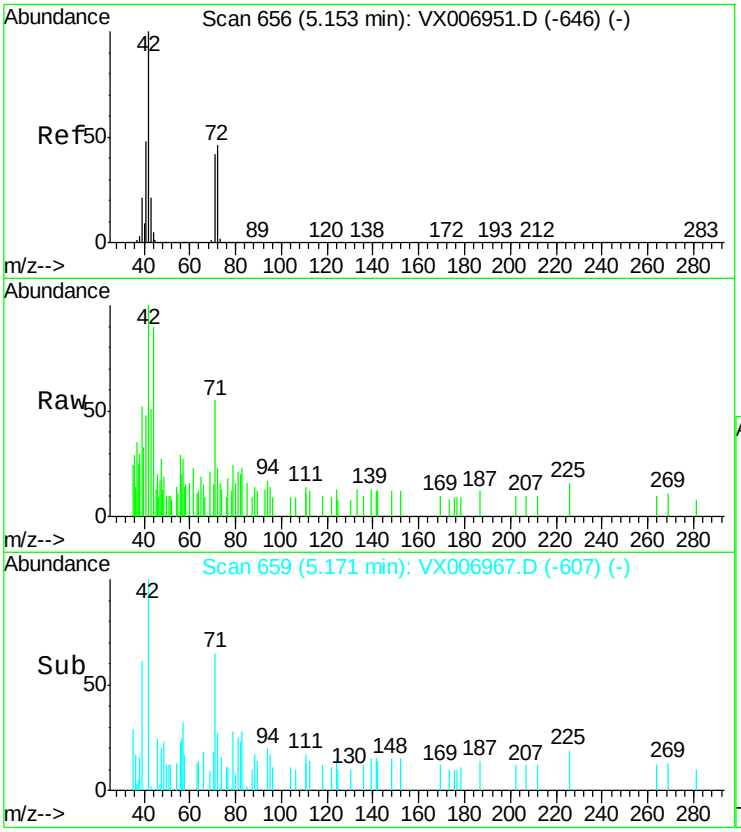


#25
2-Butanone
Concen: 0.691 ug/l
RT: 4.71 min Scan# 583
Delta R.T. 0.01 min
Lab File: VX006967.D
Acq: 09 Jan 2019 16:06

Tgt Ion: 43 Resp: 3274

Ion	Ratio	Lower	Upper
43	100		
72	41.9	22.4	33.6#



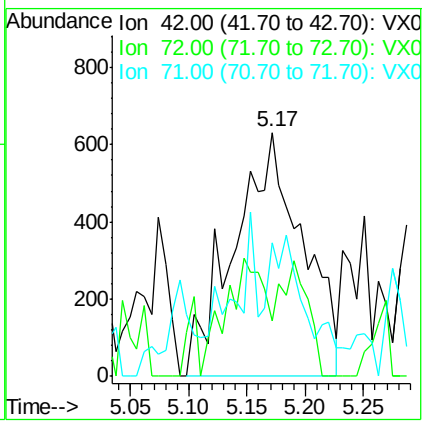


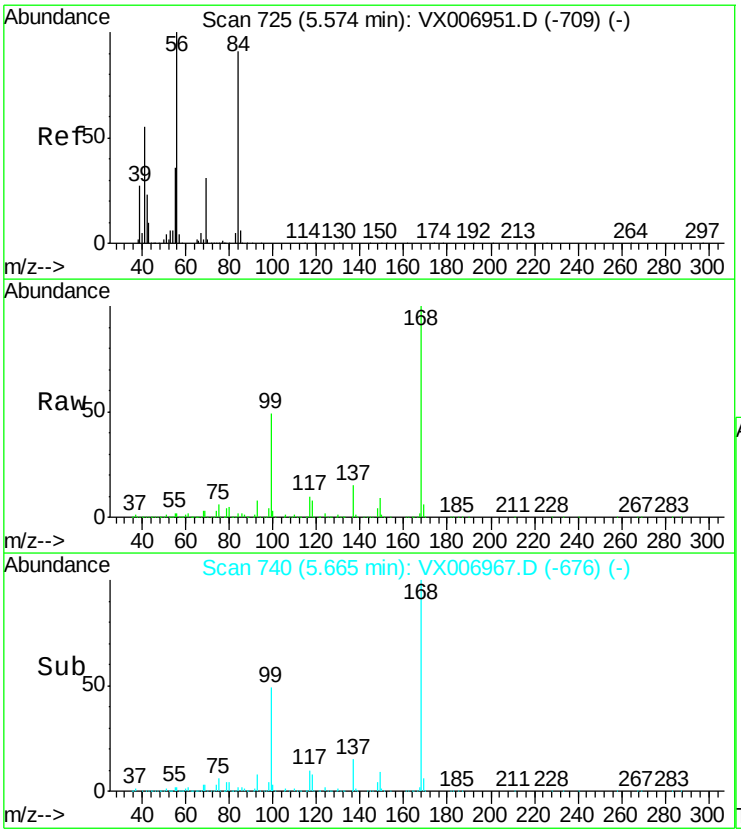
#29
Tetrahydrofuran
Concen: 0.838 ug/l
RT: 5.17 min Scan# 659
Delta R.T. 0.02 min
Lab File: VX006967.D
Acq: 09 Jan 2019 16:06

Instrument : MSVOA_X
ClientSampleId : JC-03-010819-A

Tgt Ion: 42 Resp: 2583

Ion	Ratio	Lower	Upper
42	100		
72	18.7	38.9	58.3#
71	15.1	36.2	54.4#

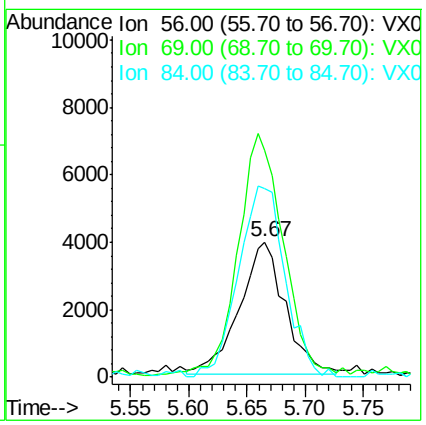


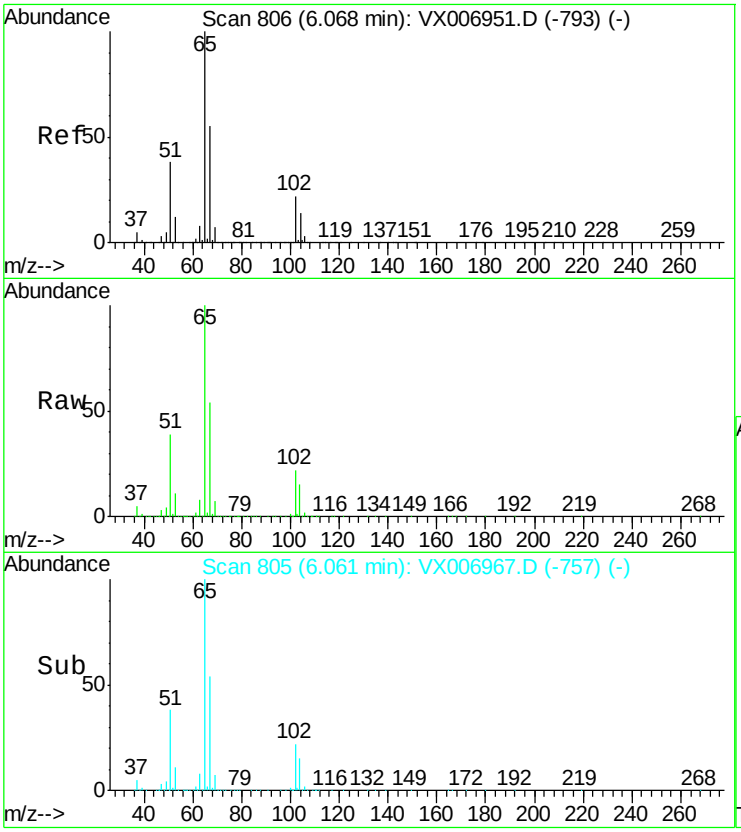


#31
Cyclohexane
Concen: 1.132 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.09 min
Lab File: VX006967.D
Acq: 09 Jan 2019 16:06

Tgt Ion: 56 Resp: 10701

Ion	Ratio	Lower	Upper
56	100		
69	174.0	24.4	36.6#
84	146.2	70.0	105.0#



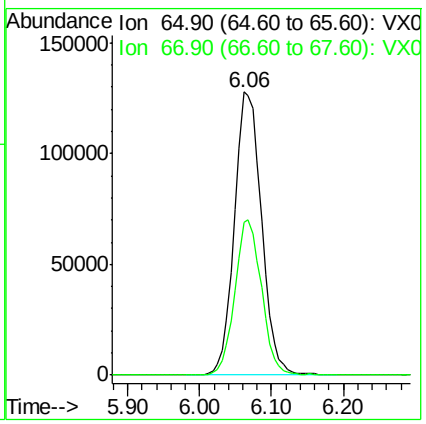


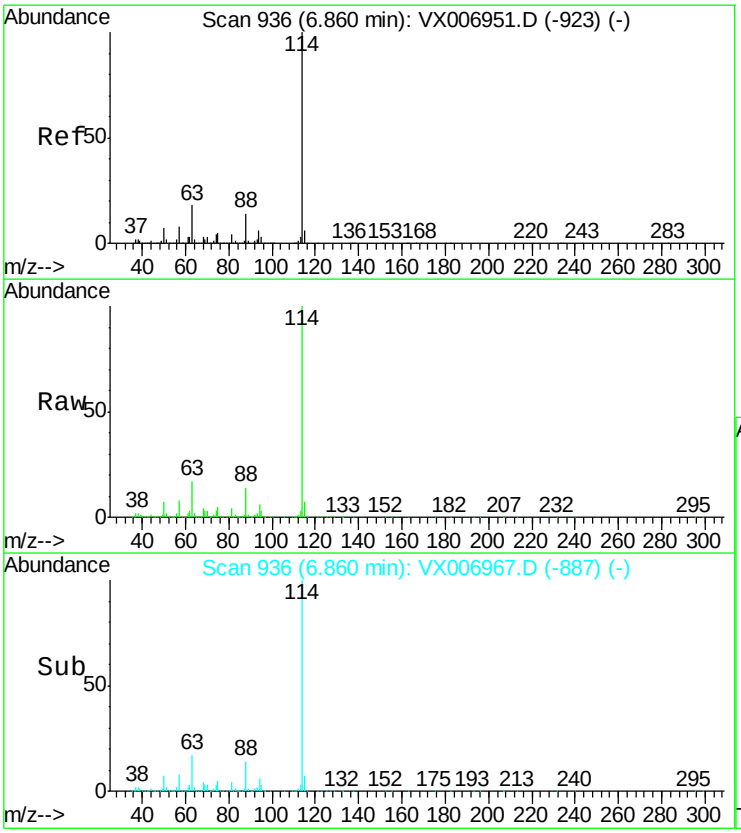
#33
1,2-Dichloroethane-d4
Concen: 50.050 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.01 min
Lab File: VX006967.D
Acq: 09 Jan 2019 16:06

Instrument :
MSVOA_X
ClientSampleId :
JC-03-010819-A

Tgt Ion: 65 Resp: 335395

Ion	Ratio	Lower	Upper
65	100		
67	53.5	0.0	105.0

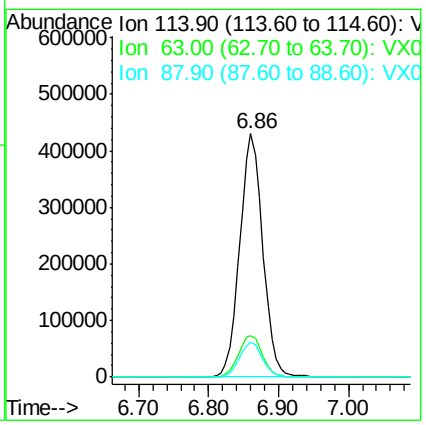


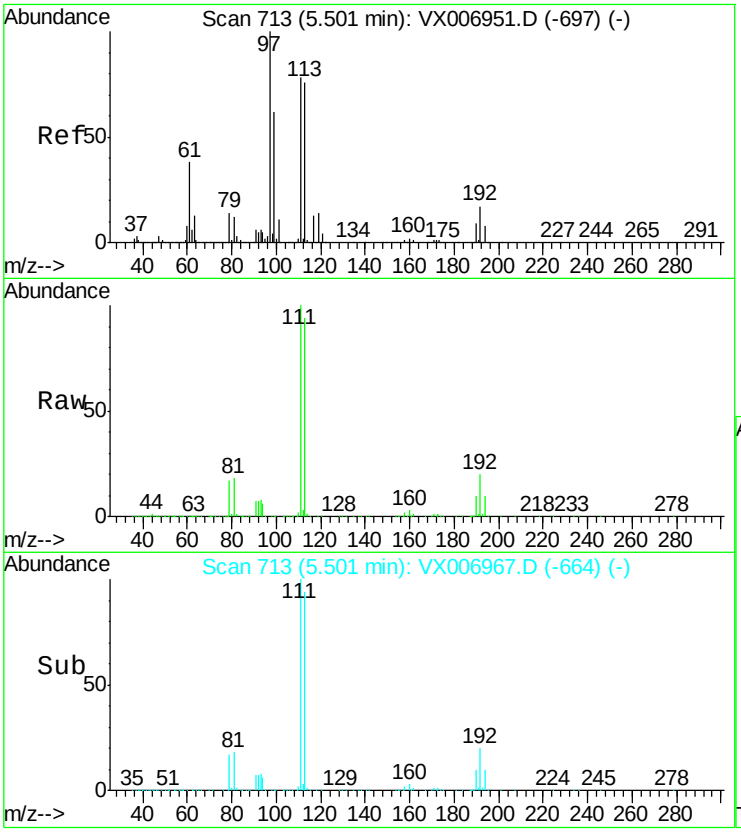


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX006967.D
Acq: 09 Jan 2019 16:06

Tgt Ion:114 Resp: 985352

Ion	Ratio	Lower	Upper
114	100		
63	17.1	0.0	34.8
88	14.3	0.0	28.8



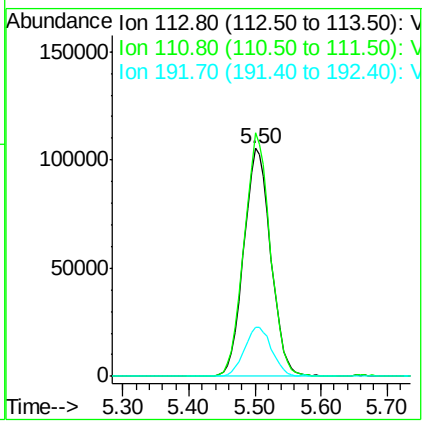


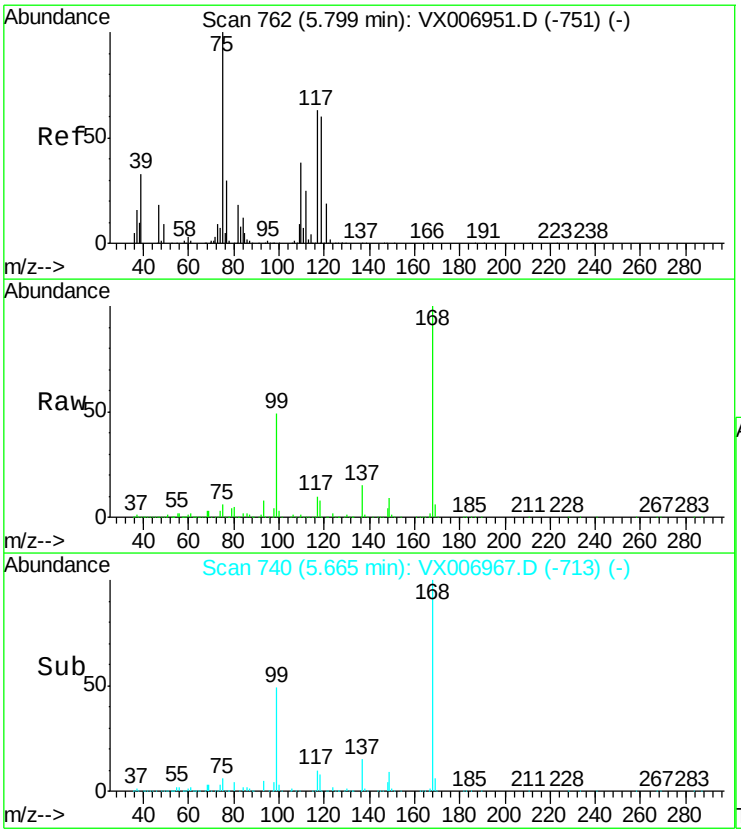
#35
Dibromofluoromethane
Concen: 47.474 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX006967.D
Acq: 09 Jan 2019 16:06

Instrument :
MSVOA_X
ClientSampleId :
JC-03-010819-A

Tgt Ion:113 Resp: 299567

Ion	Ratio	Lower	Upper
113	100		
111	103.8	81.6	122.4
192	22.0	16.7	25.1

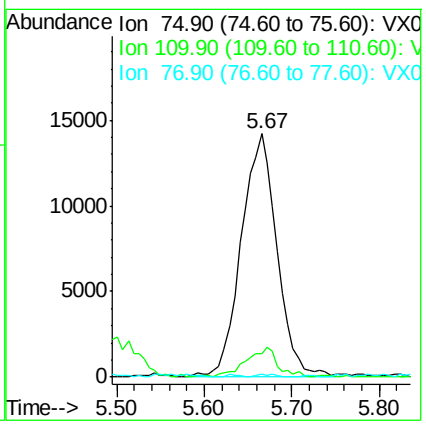


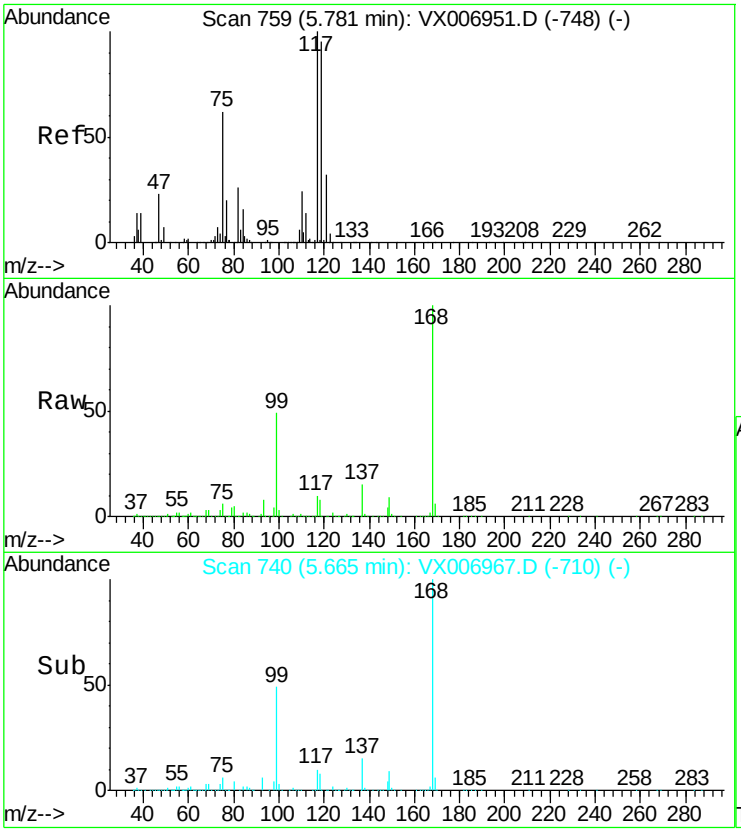


#36
1,1-Dichloropropene
Concen: 4.706 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.13 min
Lab File: VX006967.D
Acq: 09 Jan 2019 16:06

Tgt Ion: 75 Resp: 40318

Ion	Ratio	Lower	Upper
75	100		
110	11.0	20.2	60.5#
77	0.6	24.8	37.2#



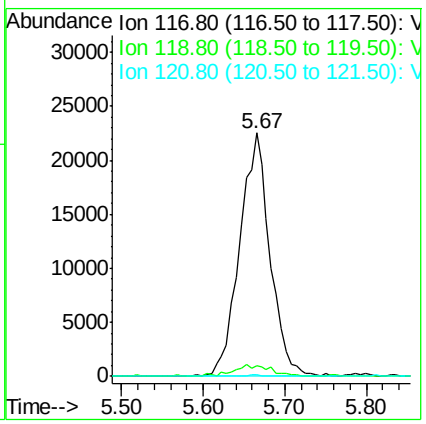


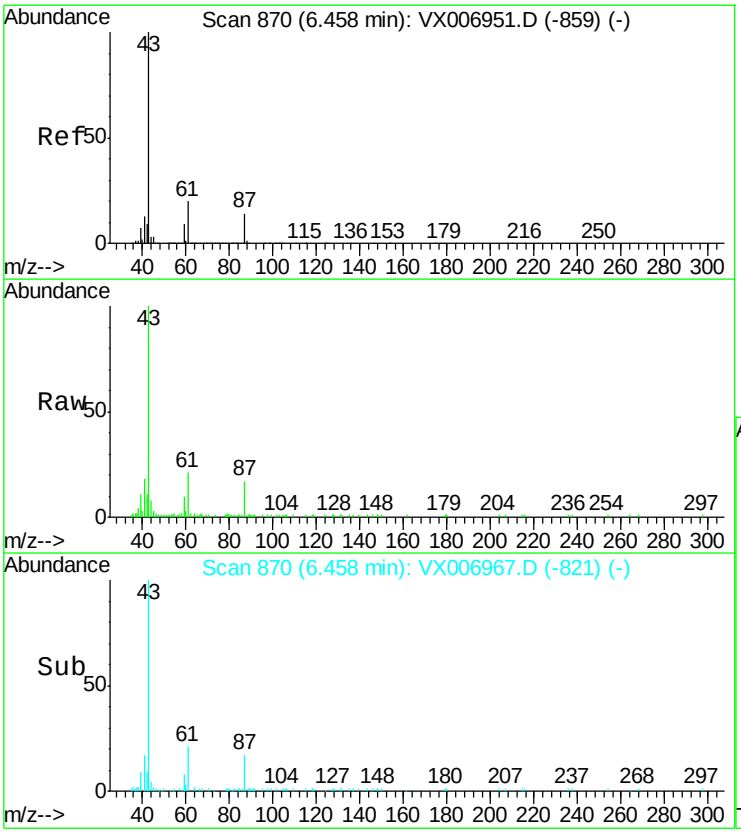
#38
Carbon Tetrachloride
Concen: 6.727 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.12 min
Lab File: VX006967.D
Acq: 09 Jan 2019 16:06

Instrument :
MSVOA_X
ClientSampleId :
JC-03-010819-A

Tgt Ion:117 Resp: 57981

Ion	Ratio	Lower	Upper
117	100		
119	4.2	79.4	119.2#
121	0.5	24.0	36.0#

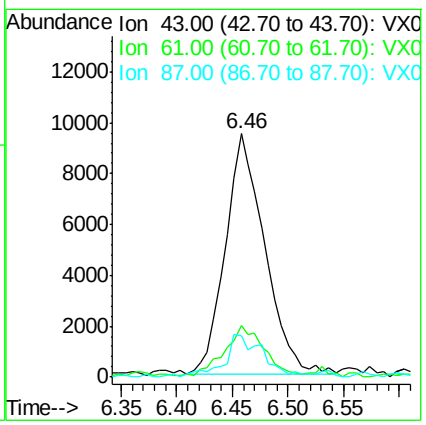


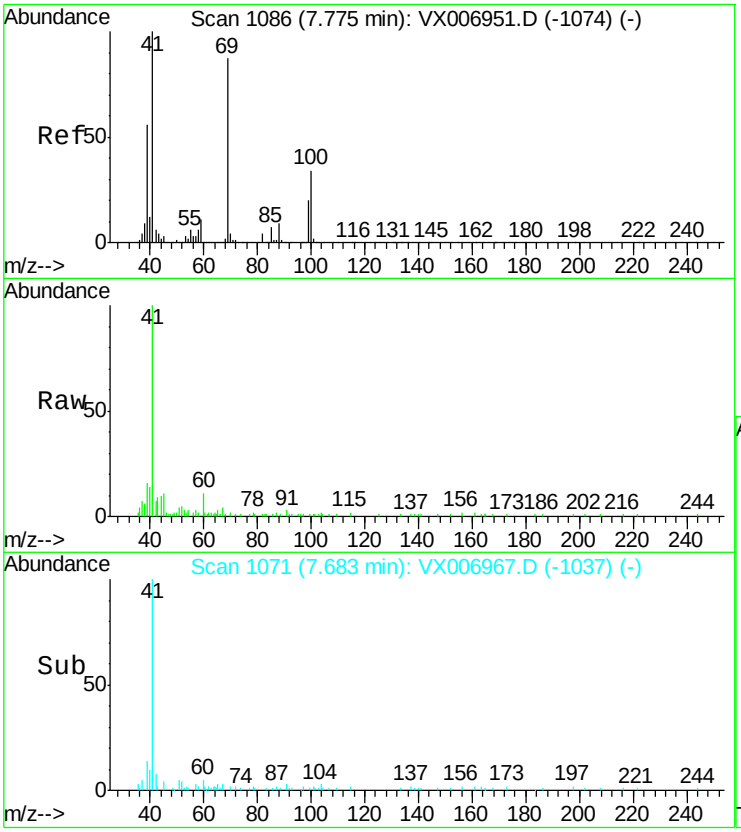


#43
Isopropyl Acetate
Concen: 1.592 ug/l
RT: 6.46 min Scan# 870
Delta R.T. -0.00 min
Lab File: VX006967.D
Acq: 09 Jan 2019 16:06

Tgt Ion: 43 Resp: 23064

Ion	Ratio	Lower	Upper
43	100		
61	22.2	16.8	25.2
87	17.8	12.4	18.6



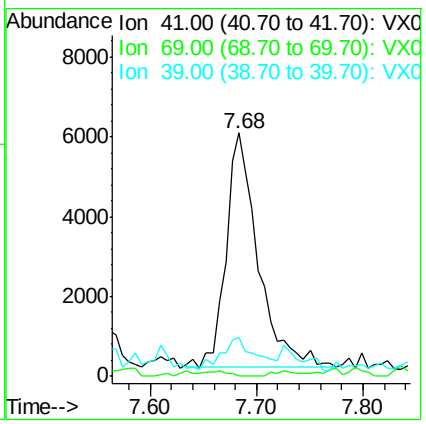


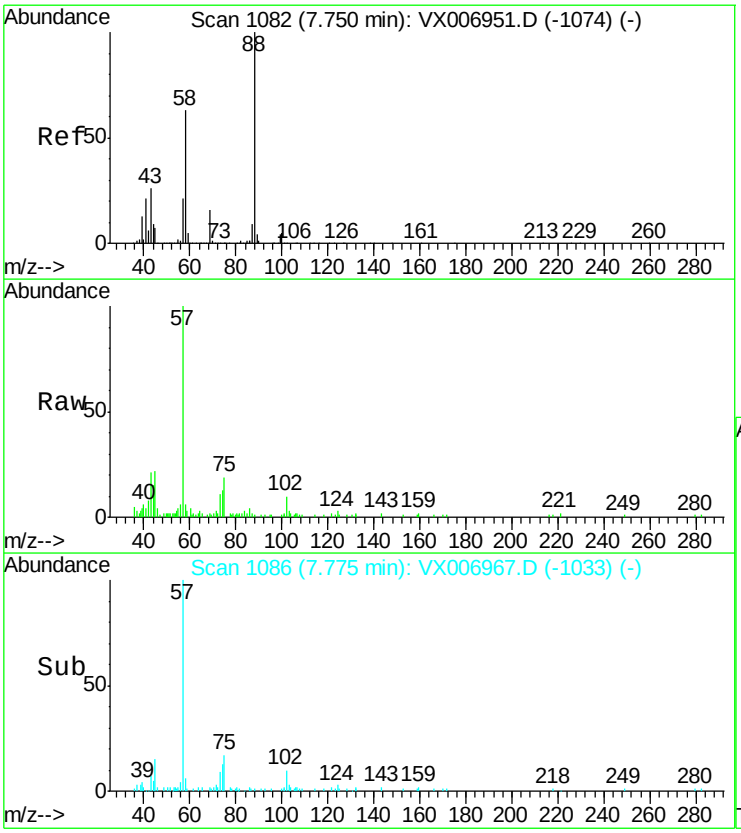
#48
Methyl methacrylate
Concen: 1.672 ug/l
RT: 7.68 min Scan# 1071
Delta R.T. -0.09 min
Lab File: VX006967.D
Acq: 09 Jan 2019 16:06

Instrument : MSVOA_X
ClientSampleId : JC-03-010819-A

Tgt Ion: 41 Resp: 12436

Ion	Ratio	Lower	Upper
41	100		
69	1.4	72.4	108.6#
39	0.0	45.8	68.8#

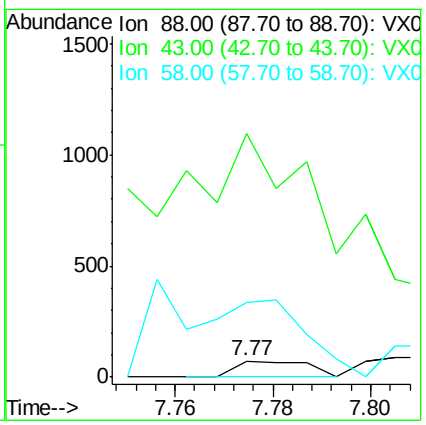


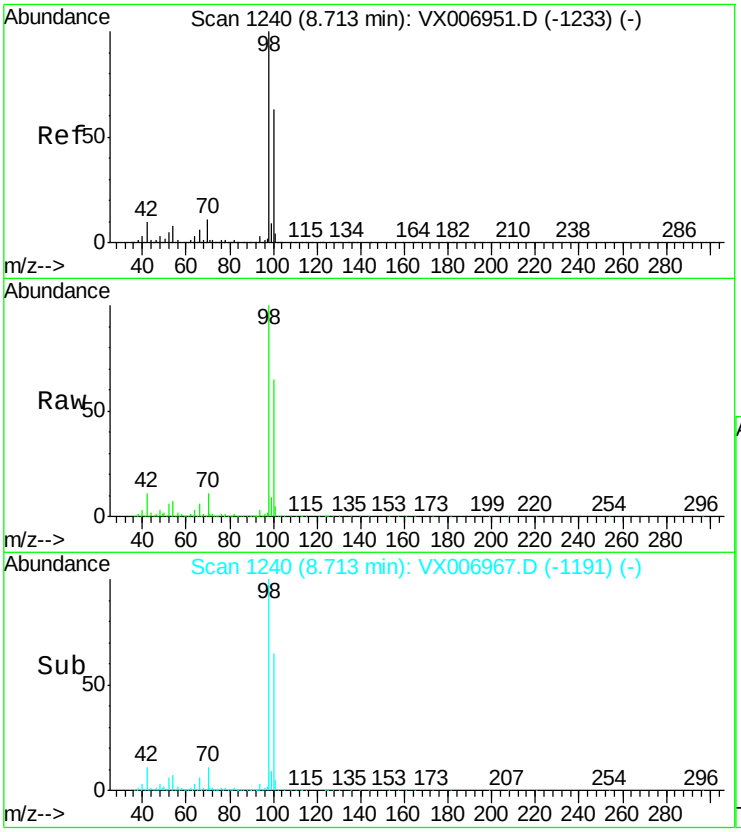


#49
1,4-Dioxane
Concen: Below Cal
RT: 7.77 min Scan# 1086
Delta R.T. 0.02 min
Lab File: VX006967.D
Acq: 09 Jan 2019 16:06

Tgt Ion: 88 Resp: 74

Ion	Ratio	Lower	Upper
88	100		
43	0.0	22.2	33.4#
58	475.7	51.0	76.4#



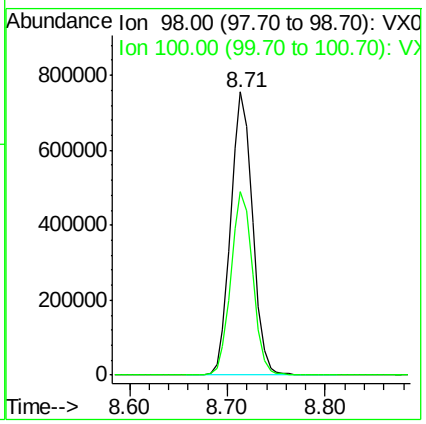


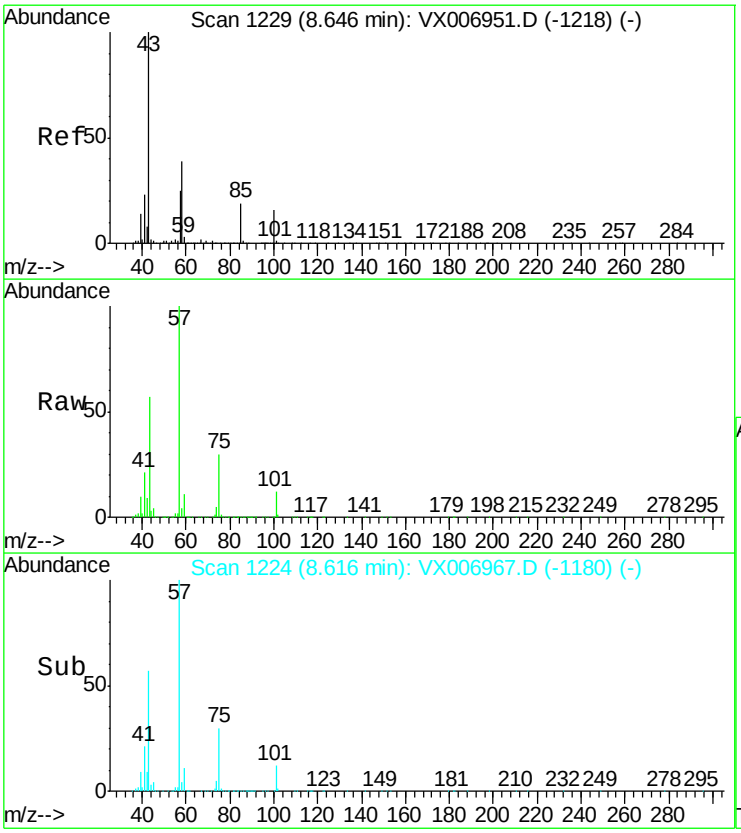
#50
Toluene-d8
Concen: 50.892 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX006967.D
Acq: 09 Jan 2019 16:06

Instrument :
MSVOA_X
ClientSampleId :
JC-03-010819-A

Tgt Ion: 98 Resp: 1175445

Ion	Ratio	Lower	Upper
98	100		
100	64.4	52.0	78.0

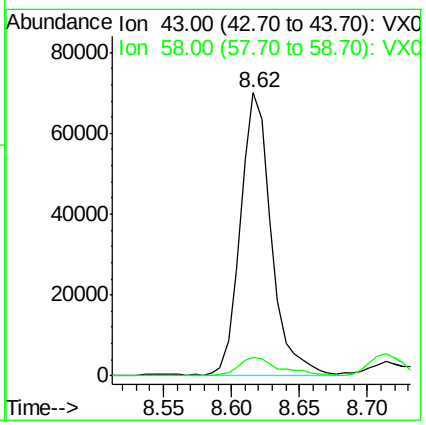


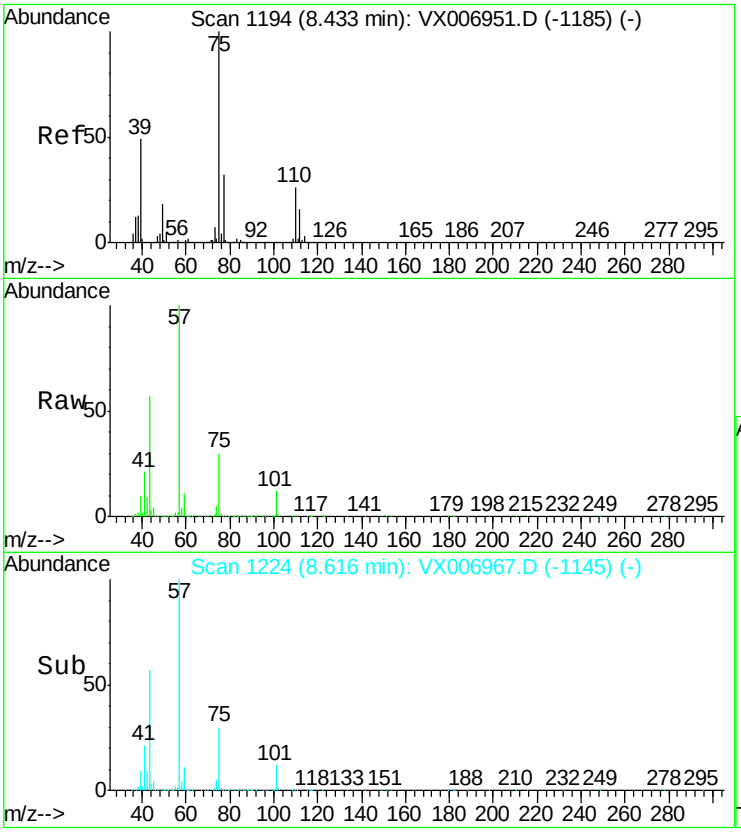


#51
4-Methyl-2-Pentanone
Concen: 11.824 ug/l
RT: 8.62 min Scan# 1224
Delta R.T. -0.03 min
Lab File: VX006967.D
Acq: 09 Jan 2019 16:06

Tgt Ion: 43 Resp: 110082

Ion	Ratio	Lower	Upper
43	100		
58	8.9	31.8	47.6#



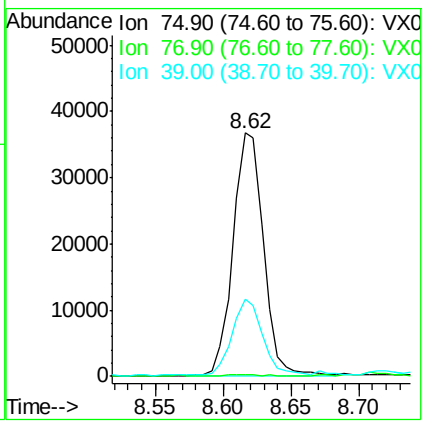


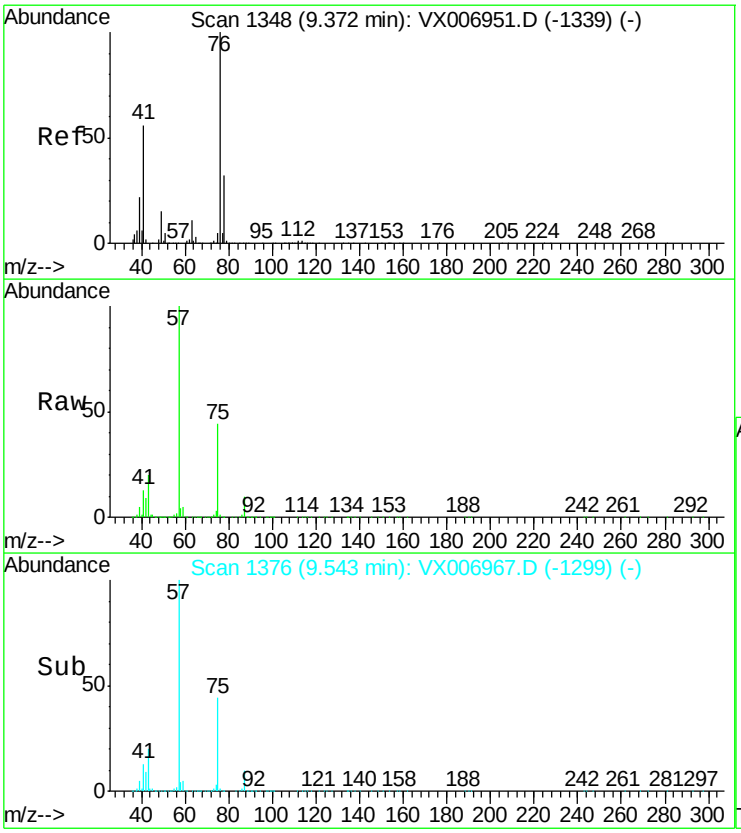
#54
cis-1,3-Dichloropropene
Concen: 5.979 ug/l
RT: 8.62 min Scan# 1224
Delta R.T. 0.18 min
Lab File: VX006967.D
Acq: 09 Jan 2019 16:06

Instrument :
MSVOA_X
ClientSampleId :
JC-03-010819-A

Tgt Ion: 75 Resp: 57558

Ion	Ratio	Lower	Upper
75	100		
77	0.3	26.2	39.2#
39	31.0	36.7	55.1#

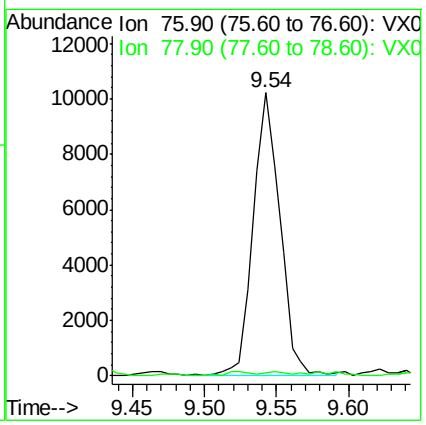


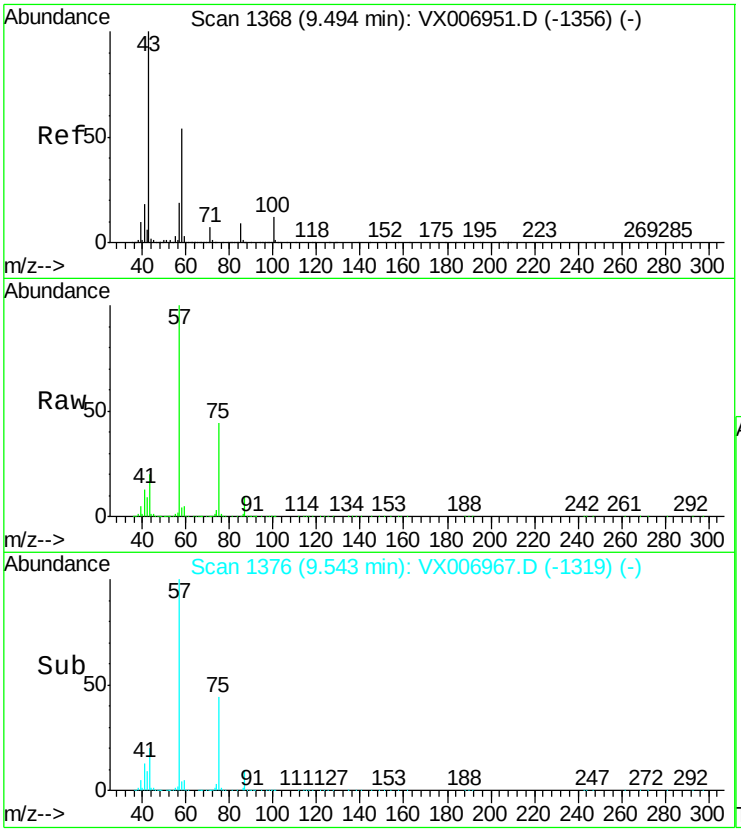


#57
1,3-Dichloropropane
Concen: 1.188 ug/l
RT: 9.54 min Scan# 1376
Delta R.T. 0.17 min
Lab File: VX006967.D
Acq: 09 Jan 2019 16:06

Tgt Ion: 76 Resp: 13086

Ion	Ratio	Lower	Upper
76	100		
78	1.1	26.0	39.0#



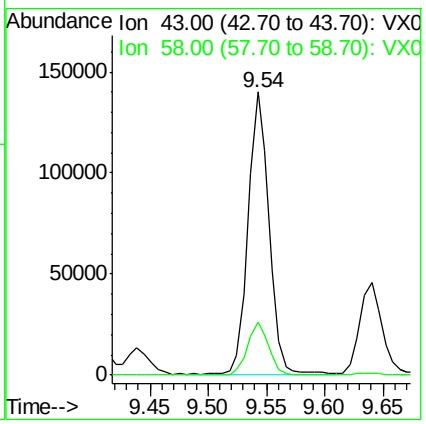


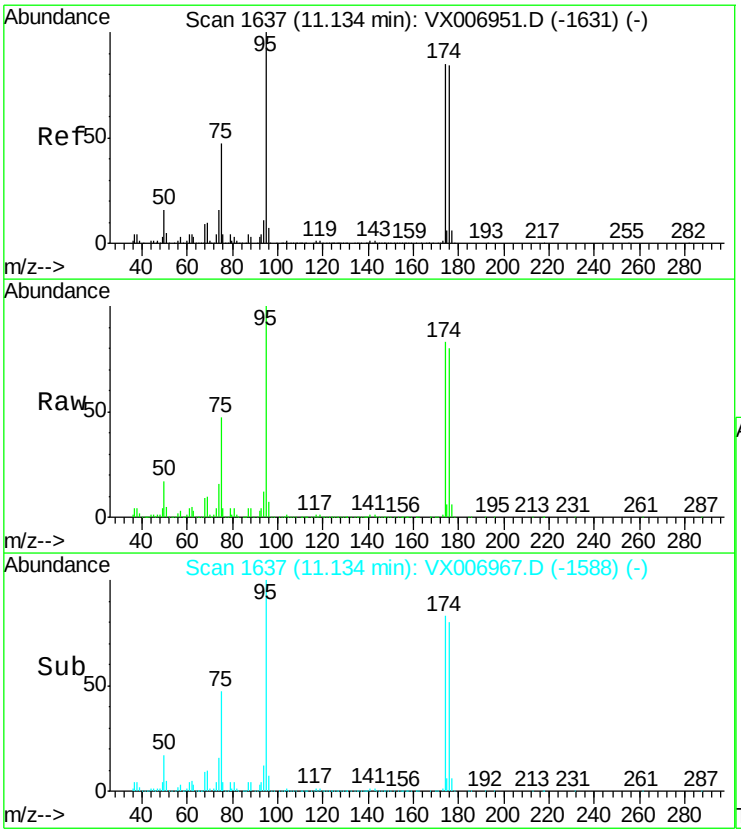
#59
2-Hexanone
Concen: 24.863 ug/l
RT: 9.54 min Scan# 1376
Delta R.T. 0.05 min
Lab File: VX006967.D
Acq: 09 Jan 2019 16:06

Instrument : MSVOA_X
ClientSampleId : JC-03-010819-A

Tgt Ion: 43 Resp: 176402

Ion	Ratio	Lower	Upper
43	100		
58	19.4	27.7	83.1#

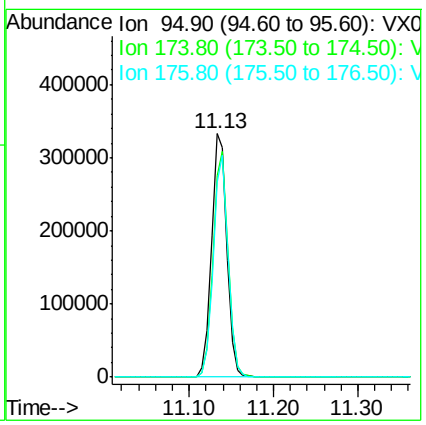


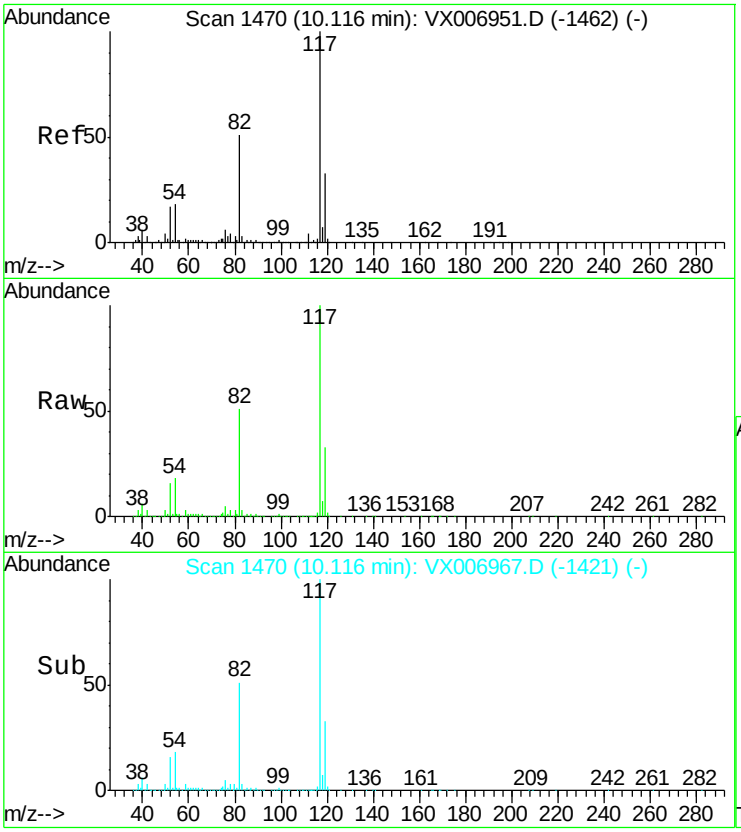


#62
4-Bromofluorobenzene
Concen: 52.072 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX006967.D
Acq: 09 Jan 2019 16:06

Tgt Ion: 95 Resp: 419290

Ion	Ratio	Lower	Upper
95	100		
174	91.2	0.0	182.2
176	88.4	0.0	178.8



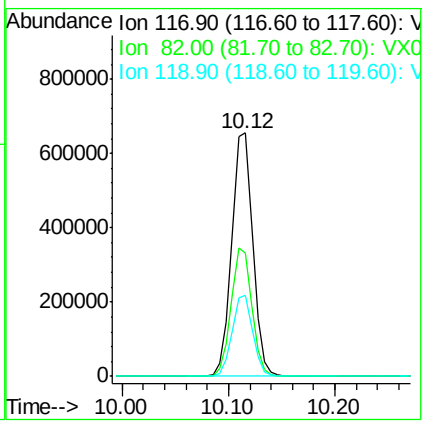


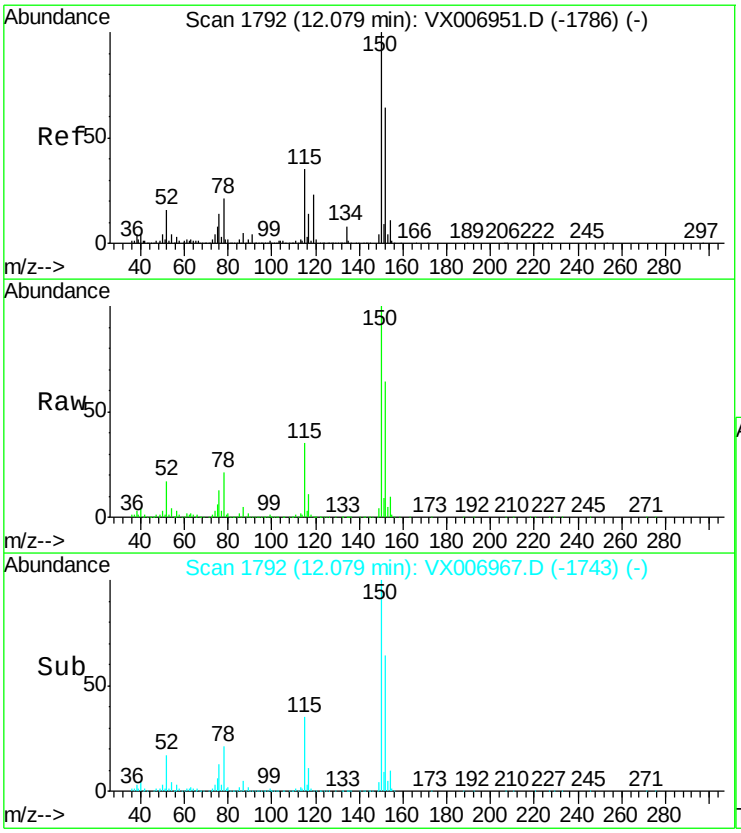
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX006967.D
Acq: 09 Jan 2019 16:06

Instrument : MSVOA_X
ClientSampleId : JC-03-010819-A

Tgt Ion:117 Resp: 917788

Ion	Ratio	Lower	Upper
117	100		
82	50.8	41.0	61.6
119	33.3	25.4	38.0

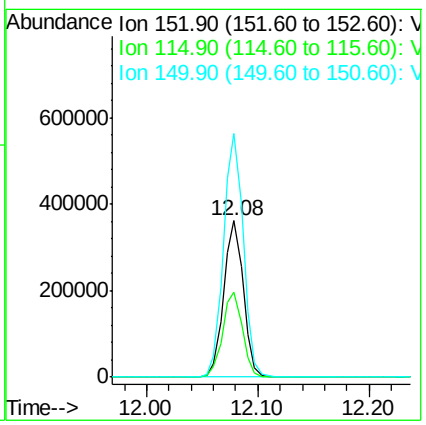


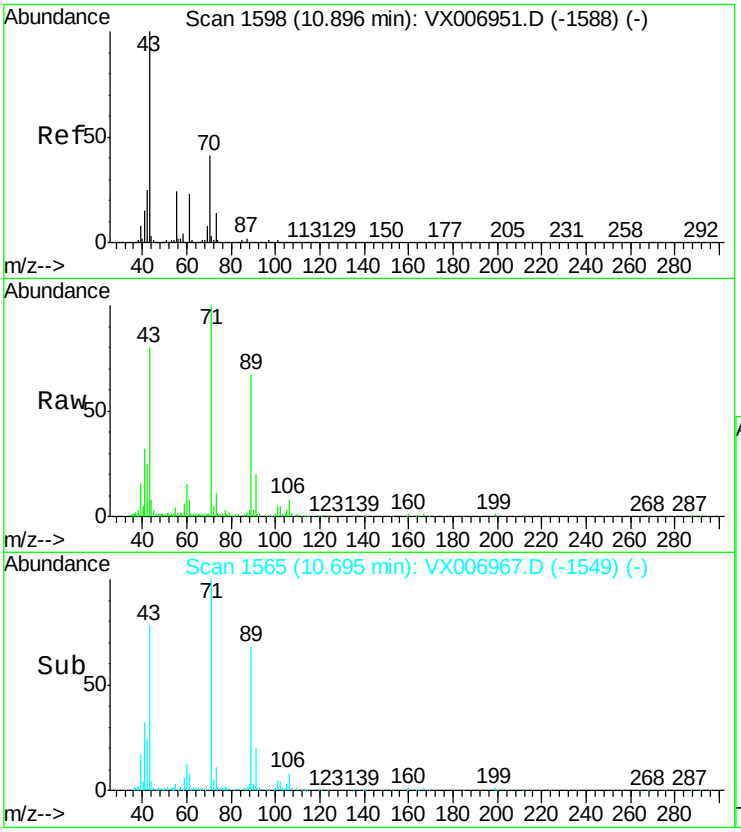


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX006967.D
Acq: 09 Jan 2019 16:06

Tgt Ion:152 Resp: 439003

Ion	Ratio	Lower	Upper
152	100		
115	54.9	39.1	117.2
150	157.0	0.0	344.8



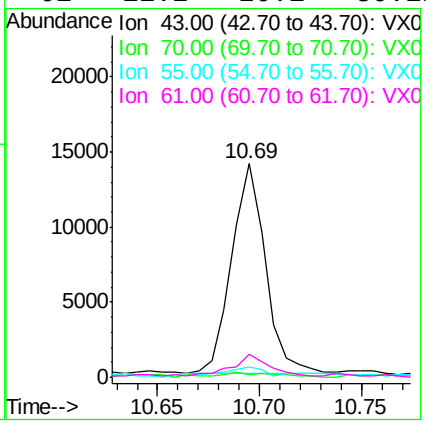


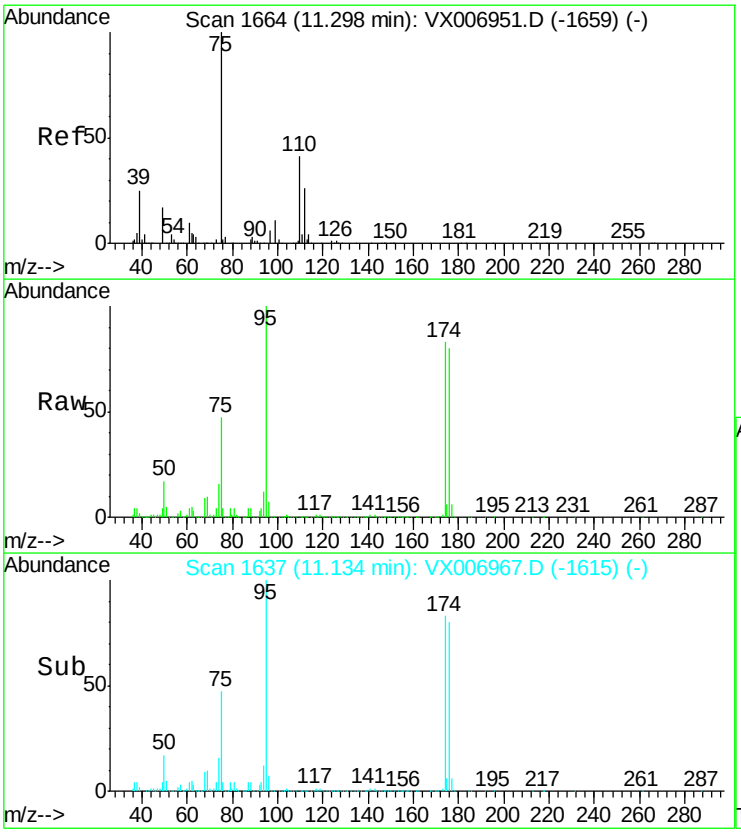
#74
N-amyl acetate
Concen: 1.274 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.20 min
Lab File: VX006967.D
Acq: 09 Jan 2019 16:06

Instrument : MSVOA_X
ClientSampleId : JC-03-010819-A

Tgt Ion: 43 Resp: 15874

Ion	Ratio	Lower	Upper
43	100		
70	4.1	35.8	53.8#
55	7.6	19.4	29.0#
61	11.2	20.1	30.1#

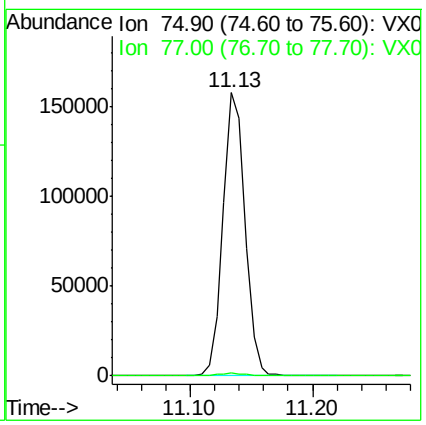


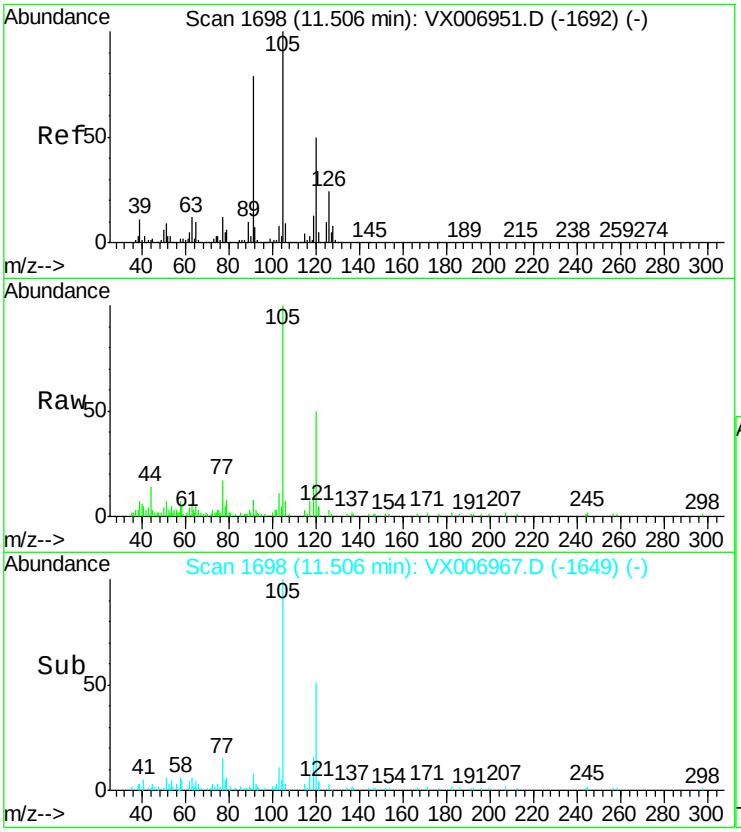


#76
1,2,3-Trichloropropane
Concen: 22.193 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX006967.D
Acq: 09 Jan 2019 16:06

Tgt Ion: 75 Resp: 197430

Ion	Ratio	Lower	Upper
75	100		
77	1.2	18.5	55.5#



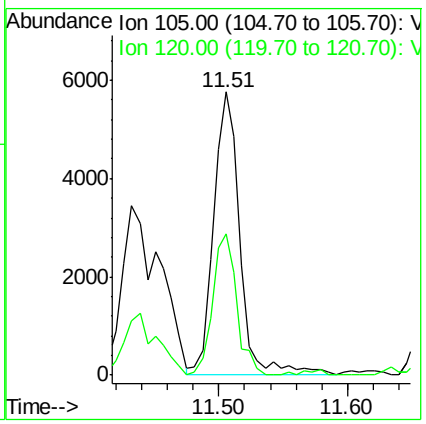


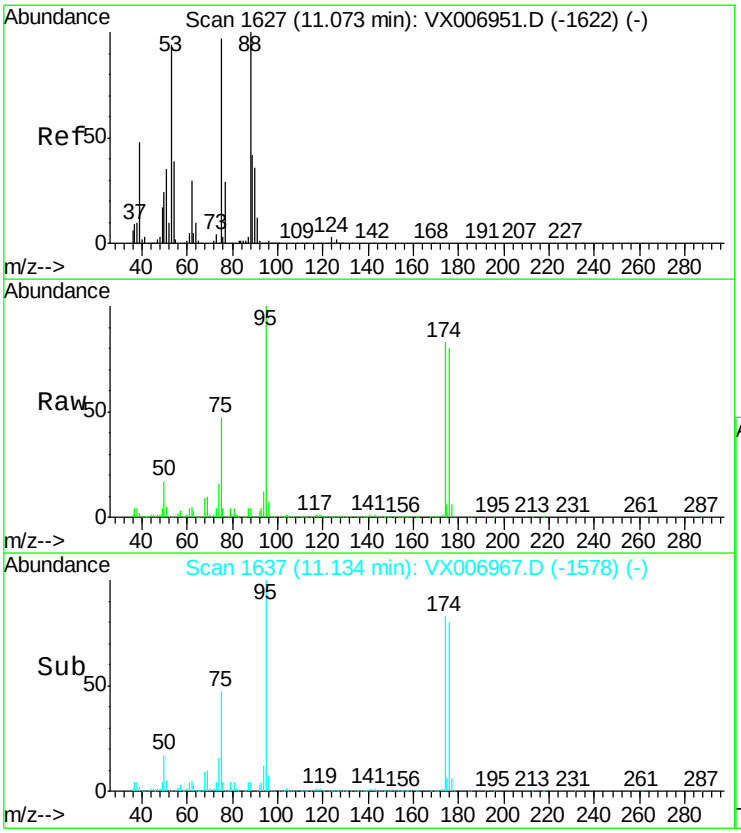
#80
1,3,5-Trimethylbenzene
Concen: 0.320 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX006967.D
Acq: 09 Jan 2019 16:06

Instrument :
MSVOA_X
ClientSampleId :
JC-03-010819-A

Tgt Ion:105 Resp: 8287

Ion	Ratio	Lower	Upper
105	100		
120	45.6	25.1	75.3

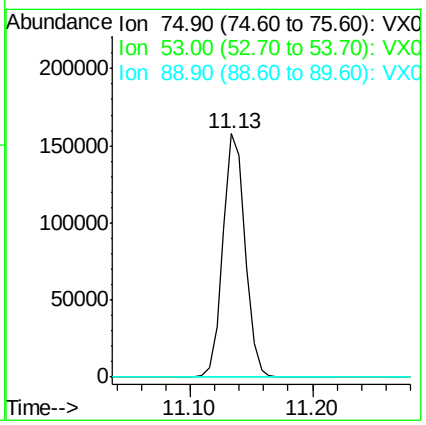


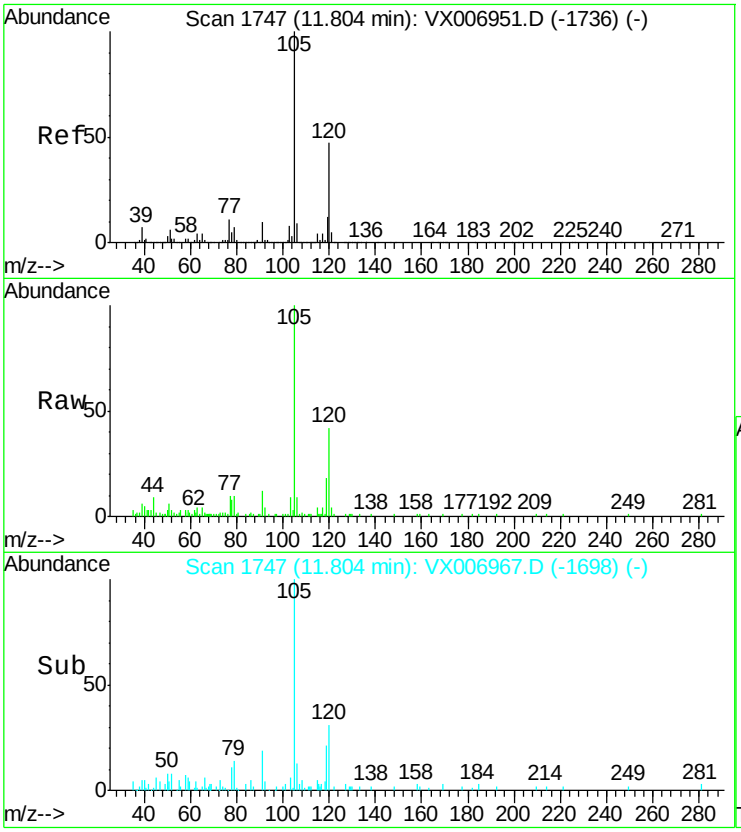


#81
trans-1,4-Dichloro-2-butene
Concen: 65.690 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX006967.D
Acq: 09 Jan 2019 16:06

Tgt Ion: 75 Resp: 197430

Ion	Ratio	Lower	Upper
75	100		
53	0.1	79.7	119.5#
89	0.0	38.0	57.0#



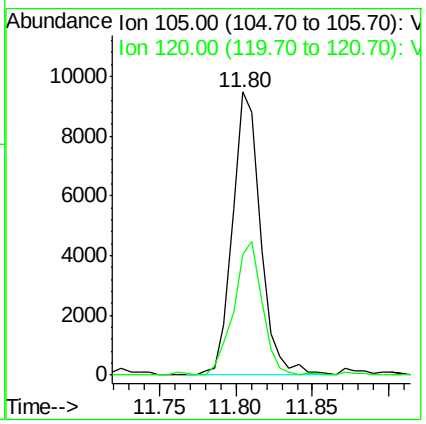


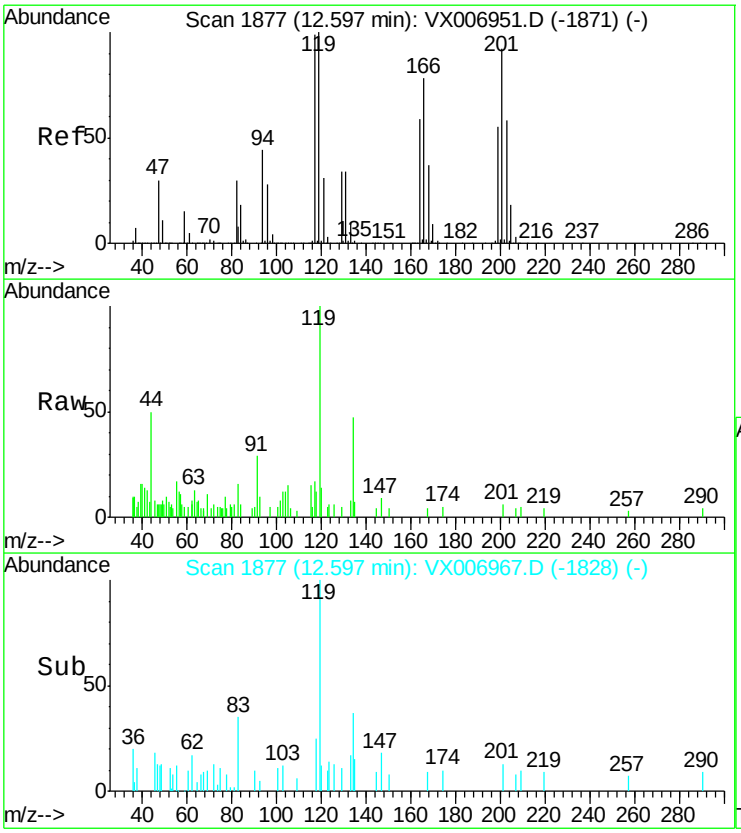
#84
1,2,4-Trimethylbenzene
Concen: 0.463 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX006967.D
Acq: 09 Jan 2019 16:06

Instrument :
MSVOA_X
ClientSampleId :
JC-03-010819-A

Tgt Ion:105 Resp: 12034

Ion	Ratio	Lower	Upper
105	100		
120	47.7	23.2	69.6

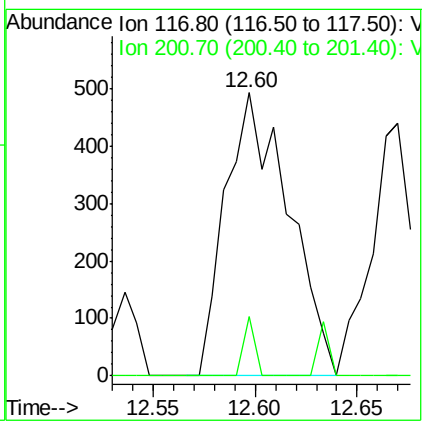


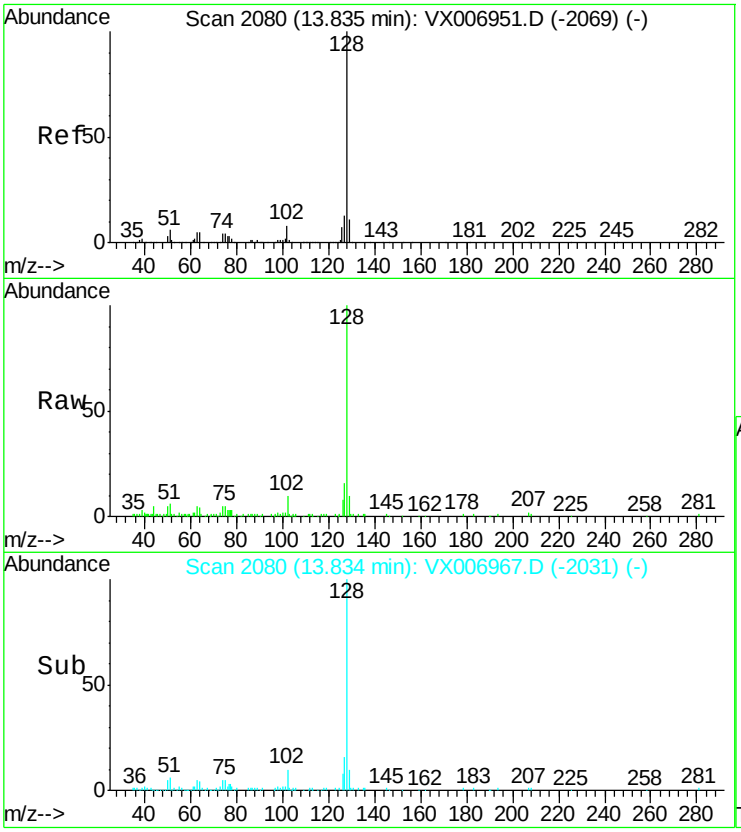


#90
Hexachloroethane
Concen: 3.135 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX006967.D
Acq: 09 Jan 2019 16:06

Tgt Ion:117 Resp: 1058

Ion	Ratio	Lower	Upper
117	100		
201	3.6	42.9	128.7#





#95
Naphthalene
Concen: 0.715 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX006967.D
Acq: 09 Jan 2019 16:06

Instrument :
MSVOA_X
ClientSampleId :
JC-03-010819-A

Tgt Ion:128 Resp: 22619

Ion	Ratio	Lower	Upper
128	100		
127	14.0	10.1	15.1
129	12.9	8.6	13.0