Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX010919\
Data File : VX006962.D
Acq On : 09 Jan 2019 13:53
Operator : JC/MD
Sample : K1082-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId :

Quant Time: Jan 10 00:55:18 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	5.66	168	667623	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.86	114	1021809	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.11	117	954088	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	471009	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.07	65	351609	50.39	ug/l		0.00
Spiked Amount 50.000			Recovery = 100.78%				
35) Dibromofluoromethane	5.51	113	313449	47.90	ug/l		0.00
Spiked Amount 50.000			Recovery = 95.80%				
50) Toluene-d8	8.71	98	1216613	50.79	ug/l		0.00
Spiked Amount 50.000			Recovery = 101.58%				
62) 4-Bromofluorobenzene	11.13	95	432264	51.77	ug/l		0.00
Spiked Amount 50.000			Recovery = 103.54%				
Target Compounds							Qvalue
8) Diethyl Ether	2.19	74	8757	1.984	ug/l		95
11) Tert butyl alcohol	3.06	59	3166	1.924	ug/l	#	79
13) Acrolein	2.29	56	251	3.433	ug/l	#	67
14) Allyl chloride	2.86	41	15920	1.514	ug/l	#	28
16) Acetone	2.45	43	29759	8.627	ug/l		99
18) Methyl Acetate	2.78	43	3932	0.394	ug/l		92
20) Methylene Chloride	2.86	84	445472	68.106	ug/l		94
25) 2-Butanone	4.70	43	7163	1.451	ug/l	#	77
29) Tetrahydrofuran	5.16	42	1841	0.574	ug/l	#	71
31) Cyclohexane	5.66	56	11253	1.144	ug/l	#	5
36) 1,1-Dichloropropene	5.66	75	42836	4.822	ug/l	#	48
38) Carbon Tetrachloride	5.66	117	58523	6.548	ug/l	#	14
43) Isopropyl Acetate	6.46	43	32663	2.174	ug/l		98
48) Methyl methacrylate	7.88	41	192204	24.913	ug/l	#	39
49) 1,4-Dioxane	7.74	88	117	Below Cal		#	1
51) 4-Methyl-2-Pentanone	8.62	43	168277	17.429	ug/l	#	49
54) cis-1,3-Dichloropropene	8.62	75	87104	8.725	ug/l	#	61
57) 1,3-Dichloropropane	9.54	76	18812	1.647	ug/l	#	43
59) 2-Hexanone	9.54	43	242787	32.999	ug/l	#	51
68) m/p-Xylenes	10.36	106	5231	0.386	ug/l		97
76) 1,2,3-Trichloropropane	11.13	75	206644	21.650	ug/l	#	40
80) 1,3,5-Trimethylbenzene	11.51	105	10121	0.365	ug/l		90
81) trans-1,4-Dichloro-2-buten	11.13	75	206644	64.176	ug/l	#	10
84) 1,2,4-Trimethylbenzene	11.80	105	16813	0.602	ug/l		98
90) Hexachloroethane	12.59	117	1075	3.123	ug/l	#	6
95) Naphthalene	13.83	128	461815	13.609	ug/l		100

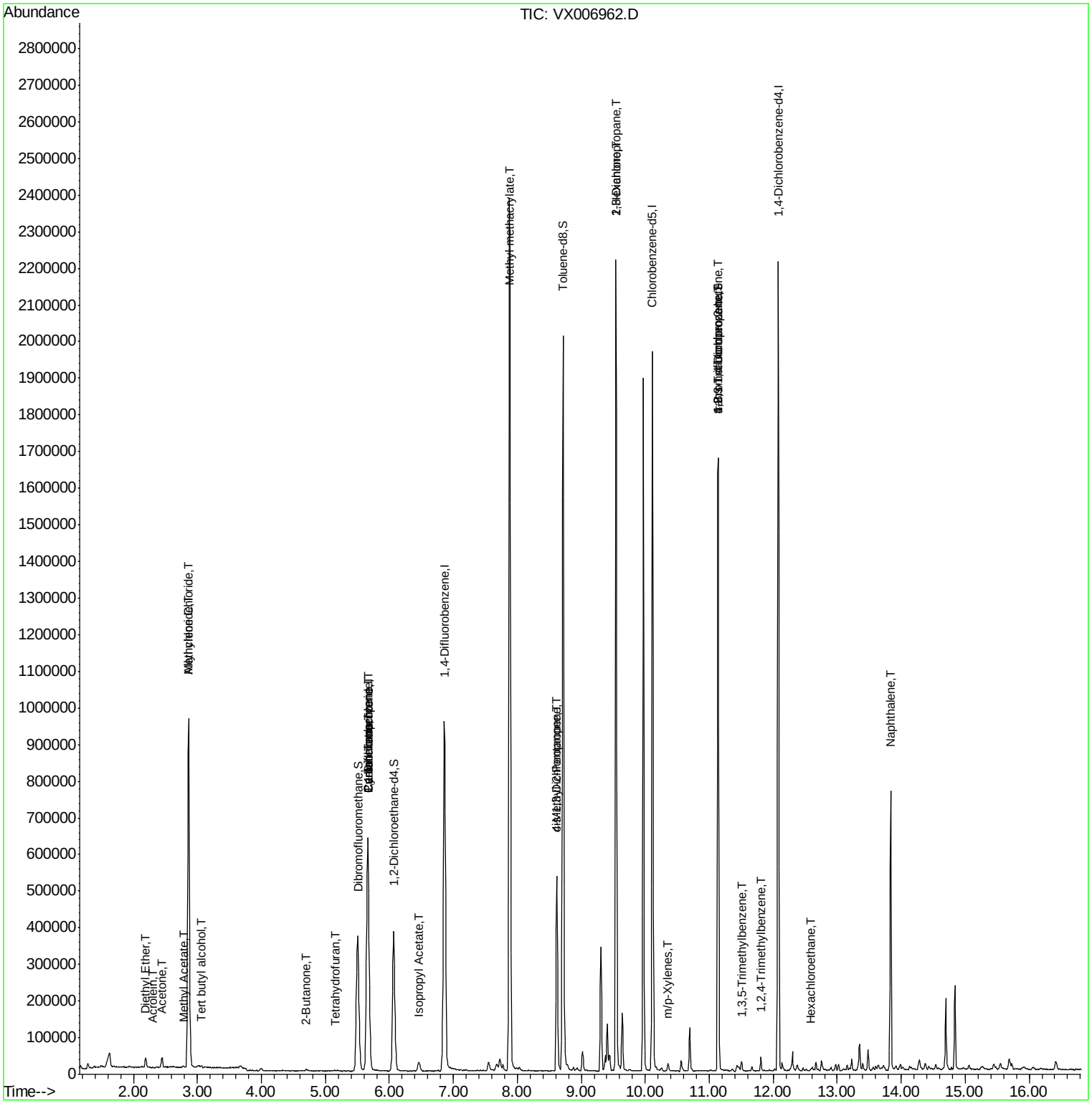
(#) = qualifier out of range (m) = manual integration (+) = signals summed

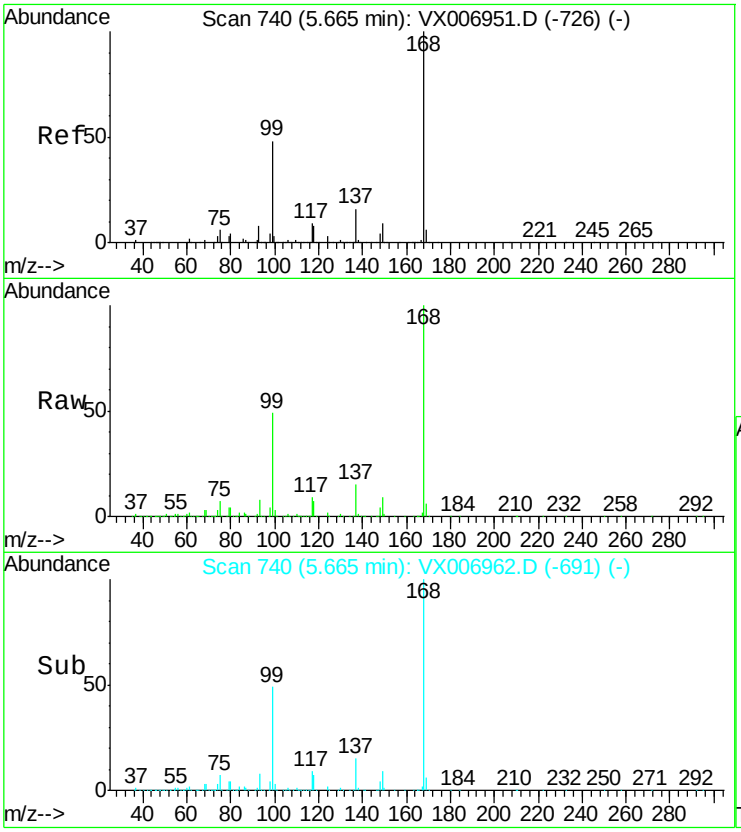
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX010919\
Data File : VX006962.D
Acq On : 09 Jan 2019 13:53
Operator : JC/MD
Sample : K1082-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jan 10 00:55:18 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



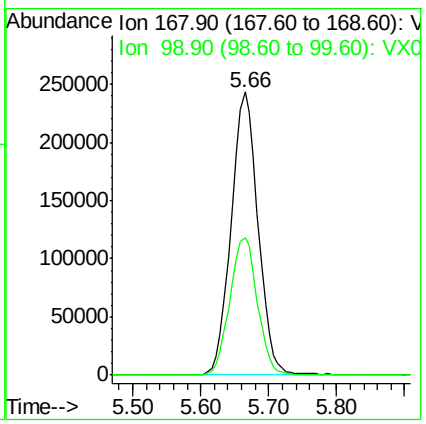


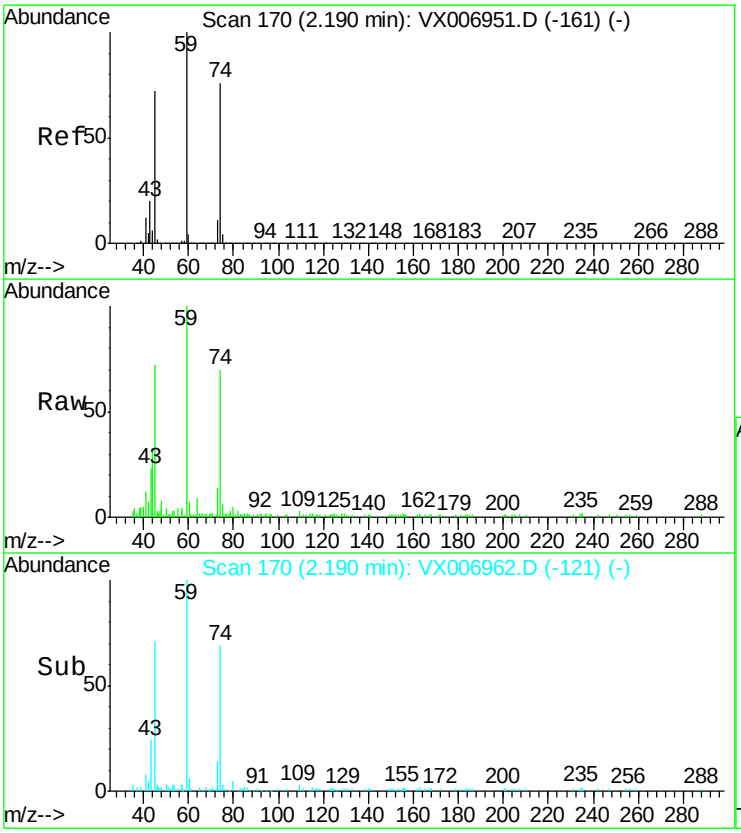
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.66 min Scan# 740
Delta R.T. -0.00 min
Lab File: VX006962.D
Acq: 09 Jan 2019 13:53

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 667623

Ion	Ratio	Lower	Upper
168	100		
99	48.6	41.8	62.8

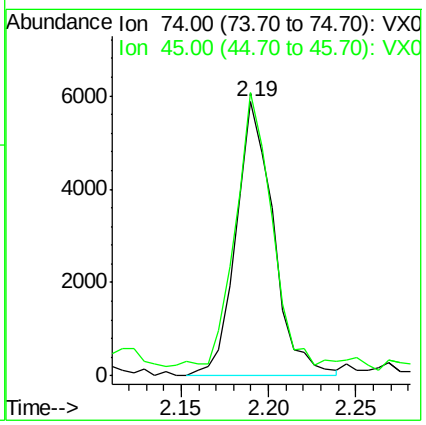


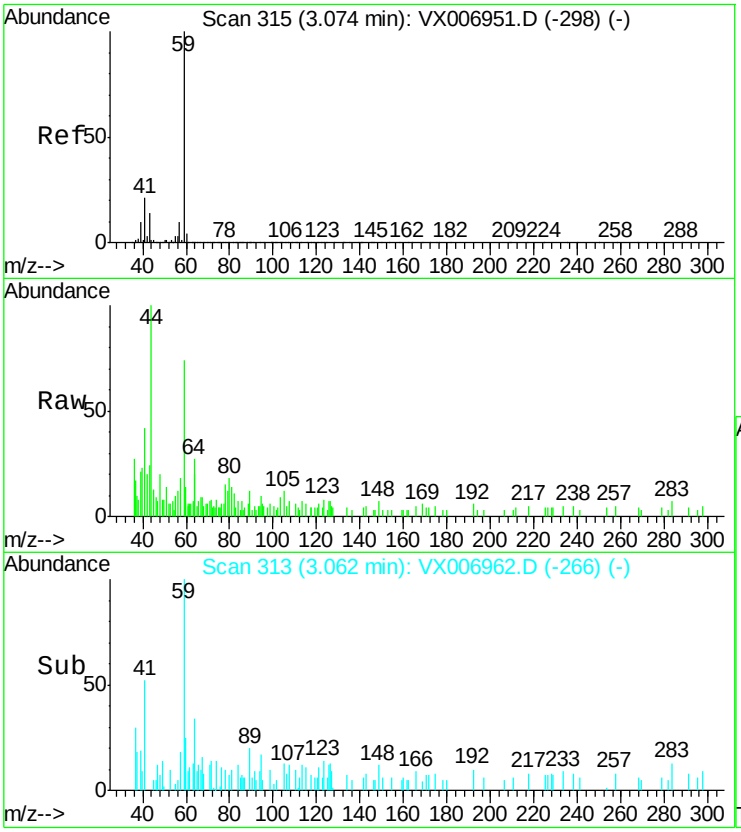


#8
Diethyl Ether
Concen: 1.984 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX006962.D
Acq: 09 Jan 2019 13:53

Tgt Ion: 74 Resp: 8757

Ion	Ratio	Lower	Upper
74	100		
45	97.2	46.3	138.9



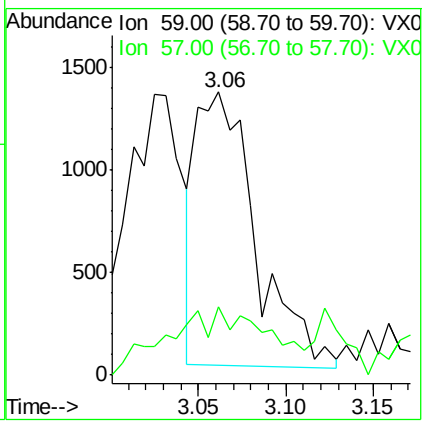


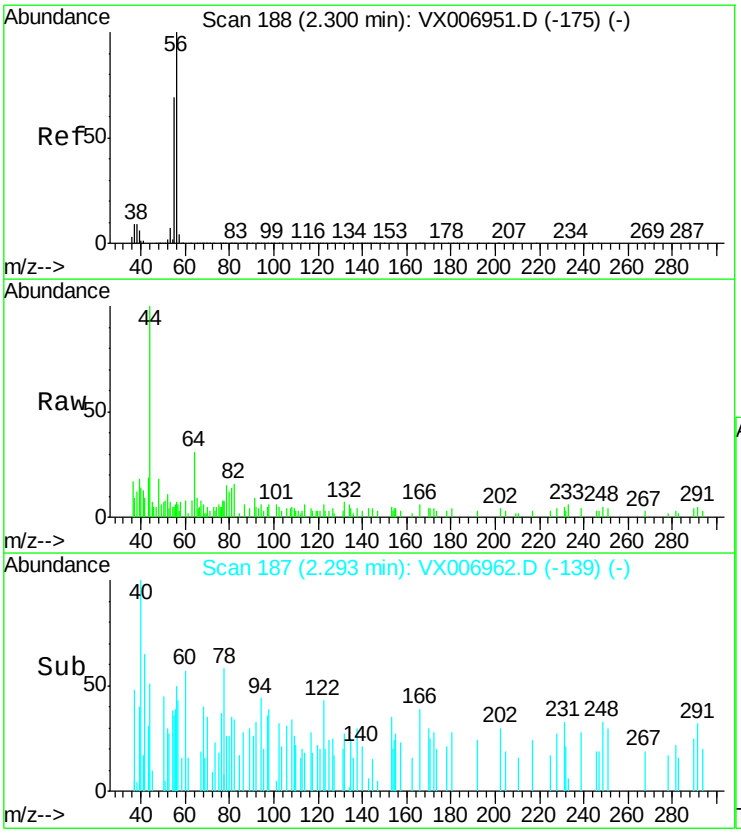
#11
Tert butyl alcohol
Concen: 1.924 ug/l
RT: 3.06 min Scan# 313
Delta R.T. -0.01 min
Lab File: VX006962.D
Acq: 09 Jan 2019 13:53

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 59 Resp: 3166

Ion	Ratio	Lower	Upper
59	100		
57	18.5	8.5	12.7#

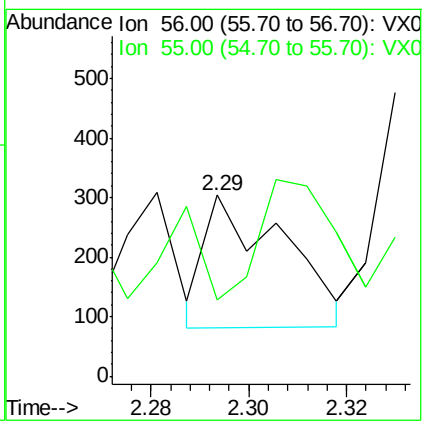


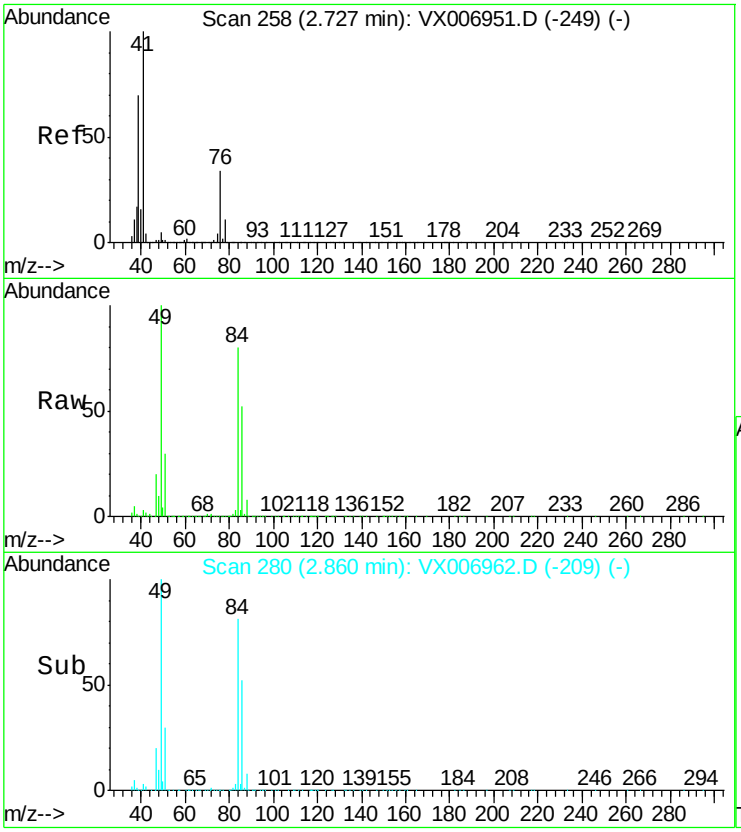


#13
Acrolein
Concen: 3.433 ug/l
RT: 2.29 min Scan# 187
Delta R.T. -0.01 min
Lab File: VX006962.D
Acq: 09 Jan 2019 13:53

Tgt Ion: 56 Resp: 251

Ion	Ratio	Lower	Upper
56	100		
55	45.4	58.2	87.4#



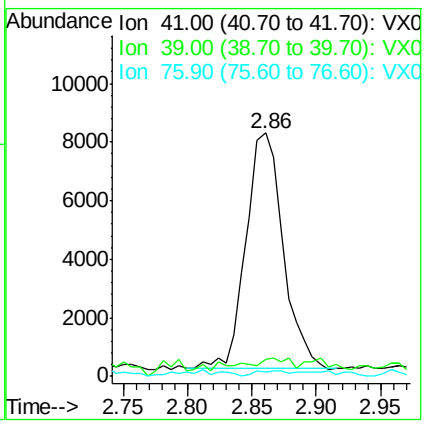


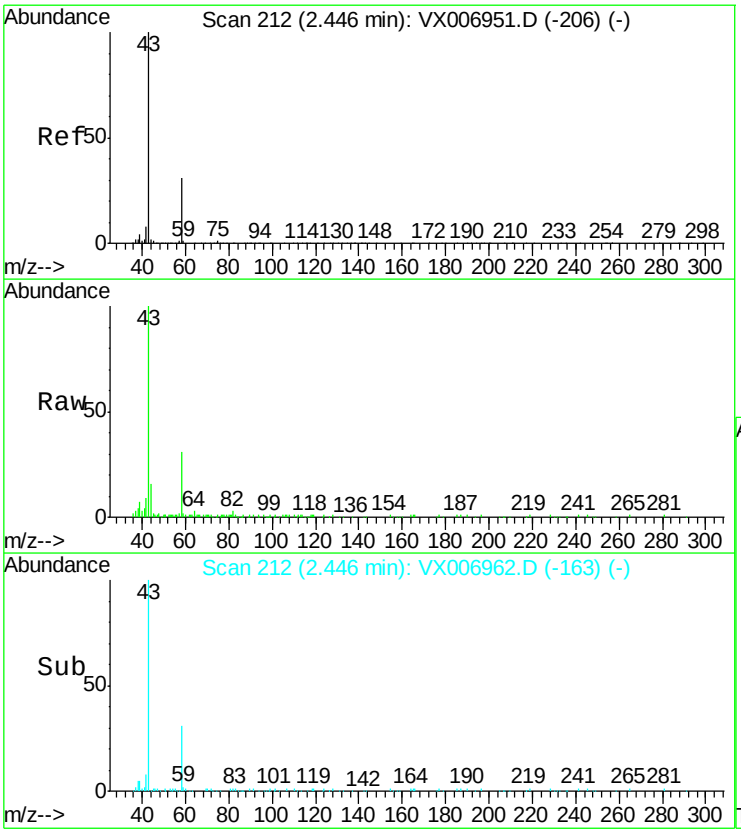
#14
Allyl chloride
Concen: 1.514 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.13 min
Lab File: VX006962.D
Acq: 09 Jan 2019 13:53

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 41 Resp: 15920

Ion	Ratio	Lower	Upper
41	100		
39	2.7	53.6	80.4#
76	1.9	27.4	41.2#

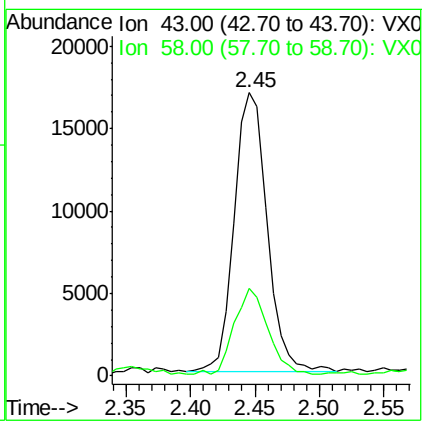


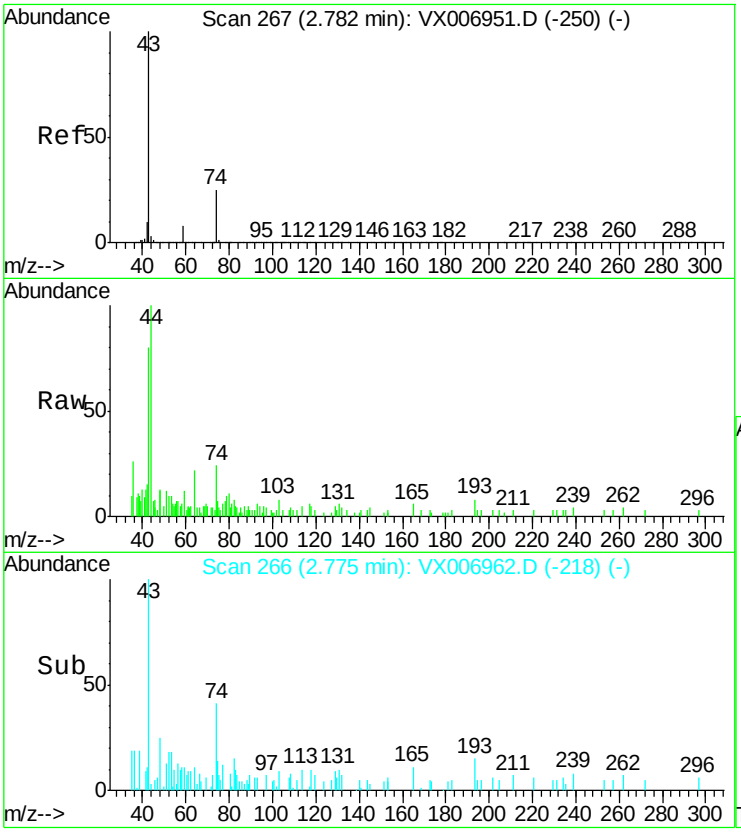


#16
Acetone
Concen: 8.627 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX006962.D
Acq: 09 Jan 2019 13:53

Tgt Ion: 43 Resp: 29759

Ion	Ratio	Lower	Upper
43	100		
58	30.6	25.0	37.6



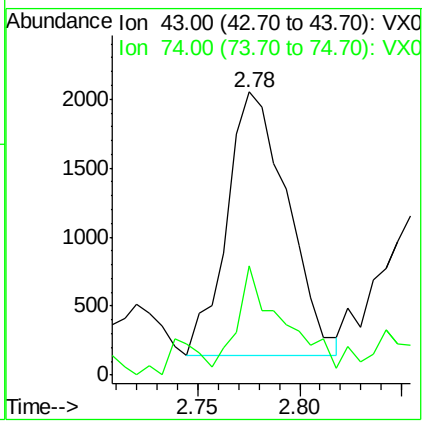


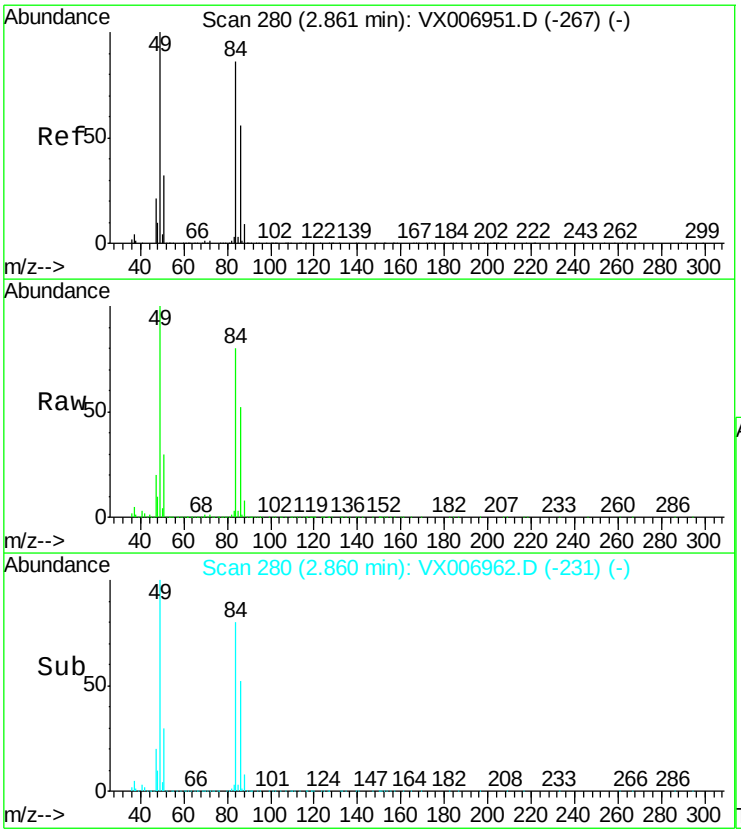
#18
Methyl Acetate
Concen: 0.394 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX006962.D
Acq: 09 Jan 2019 13:53

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 3932

Ion	Ratio	Lower	Upper
43	100		
74	27.2	18.6	28.0

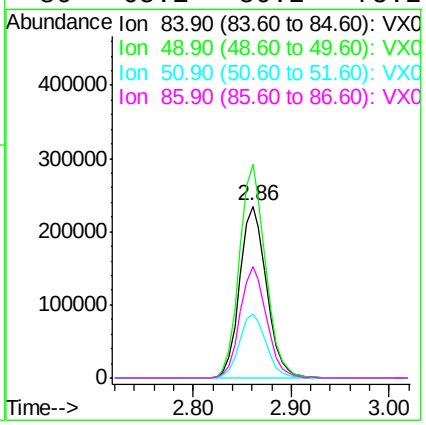


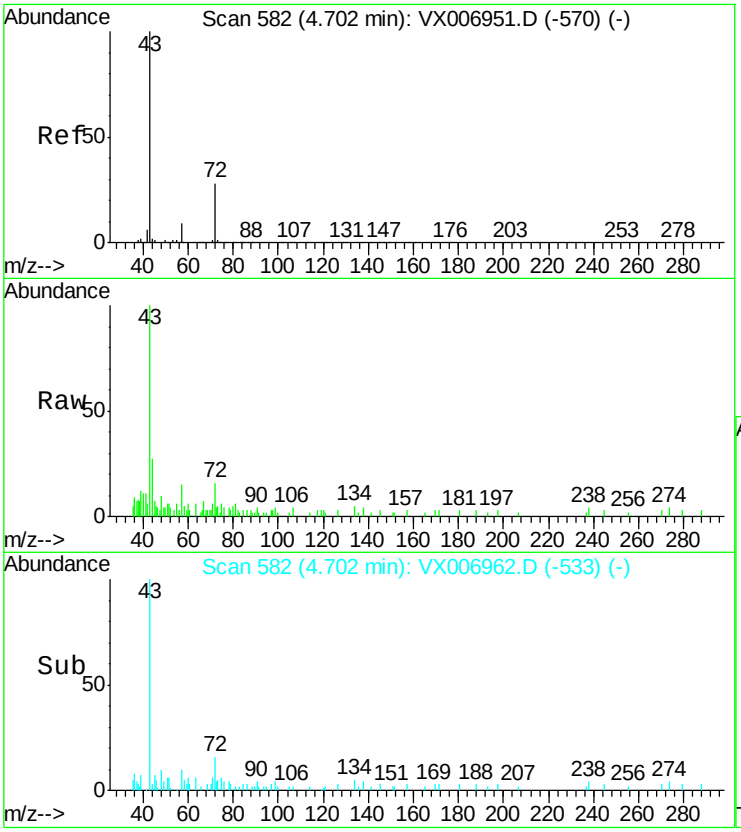


#20
Methylene Chloride
Concen: 68.106 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX006962.D
Acq: 09 Jan 2019 13:53

Tgt Ion: 84 Resp: 445472

Ion	Ratio	Lower	Upper
84	100		
49	124.2	91.8	137.6
51	37.4	28.5	42.7
86	65.1	50.2	75.2



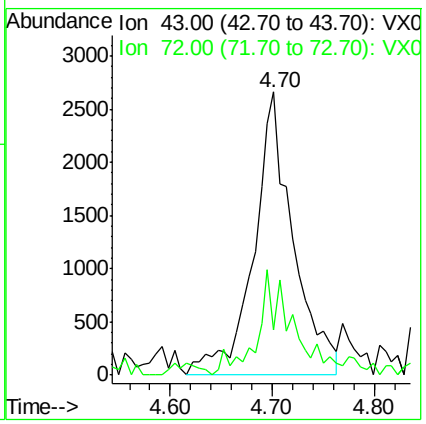


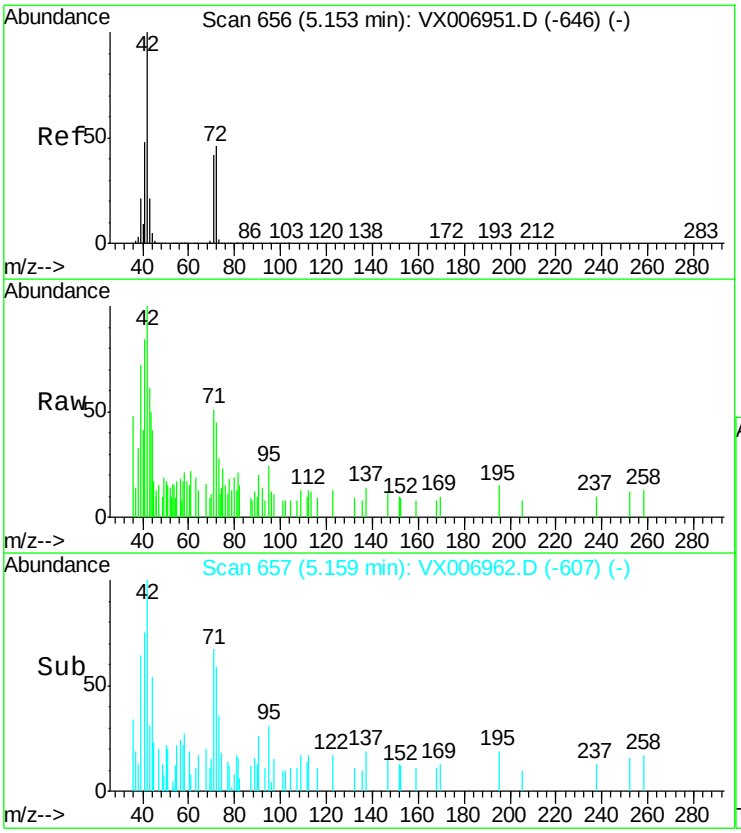
#25
2-Butanone
Concen: 1.451 ug/l
RT: 4.70 min Scan# 582
Delta R.T. -0.00 min
Lab File: VX006962.D
Acq: 09 Jan 2019 13:53

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 7163

Ion	Ratio	Lower	Upper
43	100		
72	16.1	22.4	33.6#

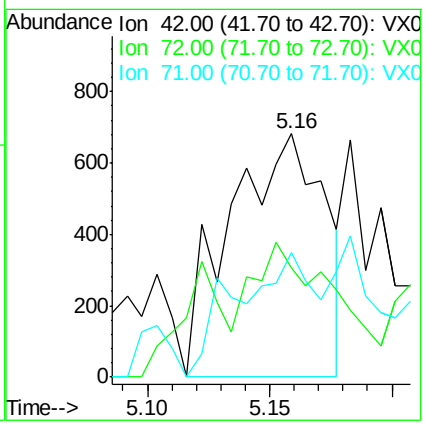


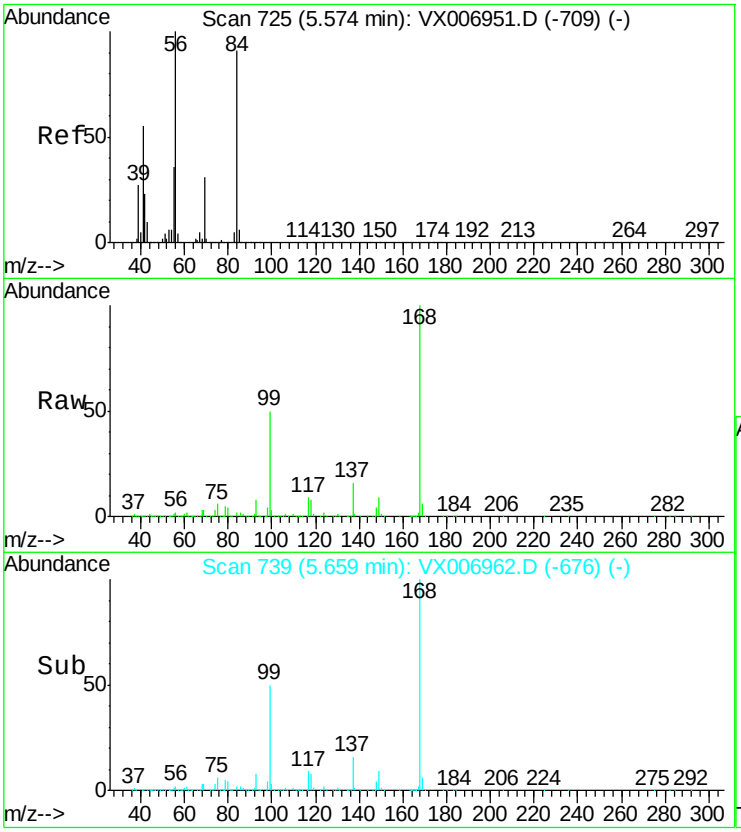


#29
Tetrahydrofuran
Concen: 0.574 ug/l
RT: 5.16 min Scan# 657
Delta R.T. 0.01 min
Lab File: VX006962.D
Acq: 09 Jan 2019 13:53

Tgt Ion: 42 Resp: 1841

Ion	Ratio	Lower	Upper
42	100		
72	42.6	38.9	58.3
71	12.7	36.2	54.4#



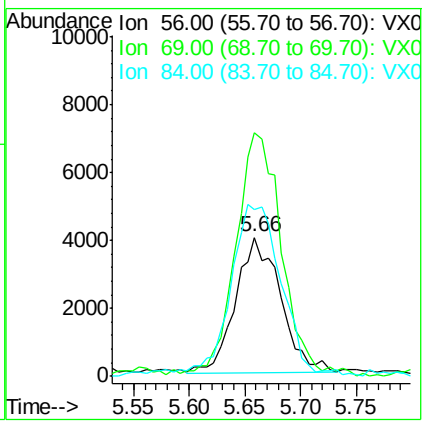


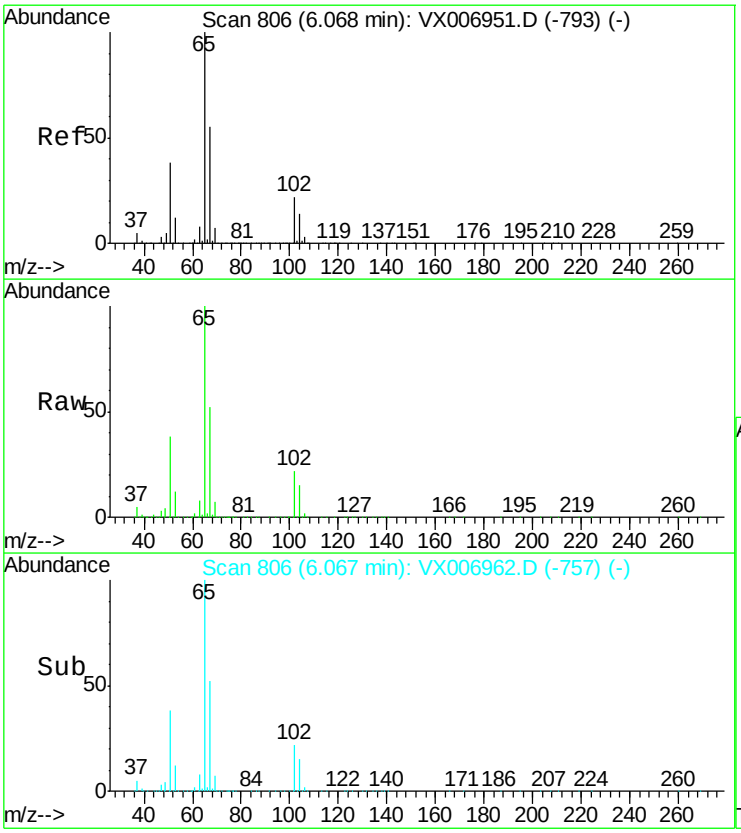
#31
Cyclohexane
Concen: 1.144 ug/l
RT: 5.66 min Scan# 739
Delta R.T. 0.08 min
Lab File: VX006962.D
Acq: 09 Jan 2019 13:53

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 56 Resp: 11253

Ion	Ratio	Lower	Upper
56	100		
69	176.9	24.4	36.6#
84	120.1	70.0	105.0#

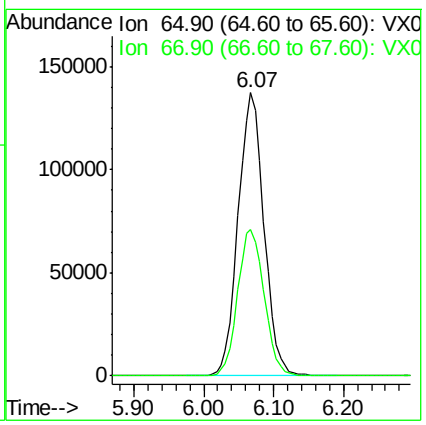


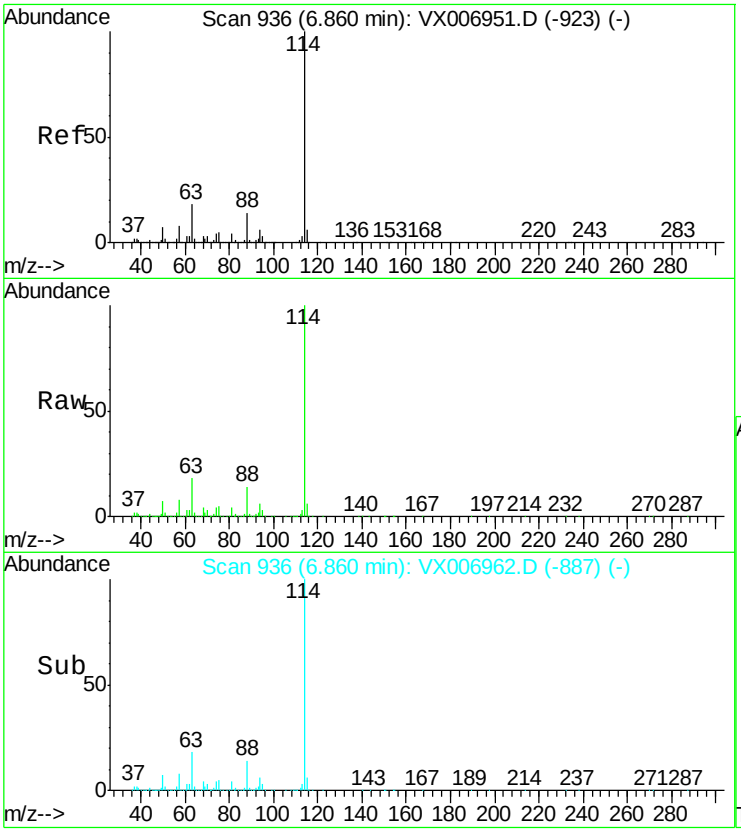


#33
1,2-Dichloroethane-d4
Concen: 50.394 ug/l
RT: 6.07 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX006962.D
Acq: 09 Jan 2019 13:53

Tgt Ion: 65 Resp: 351609

Ion	Ratio	Lower	Upper
65	100		
67	53.0	0.0	105.0



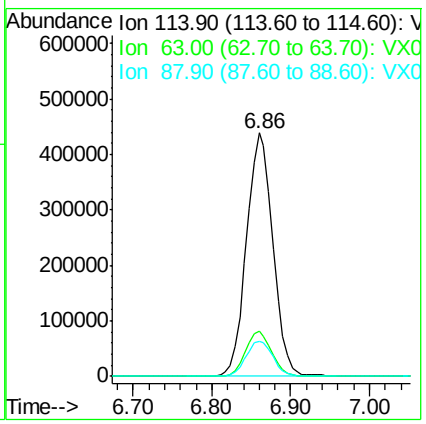


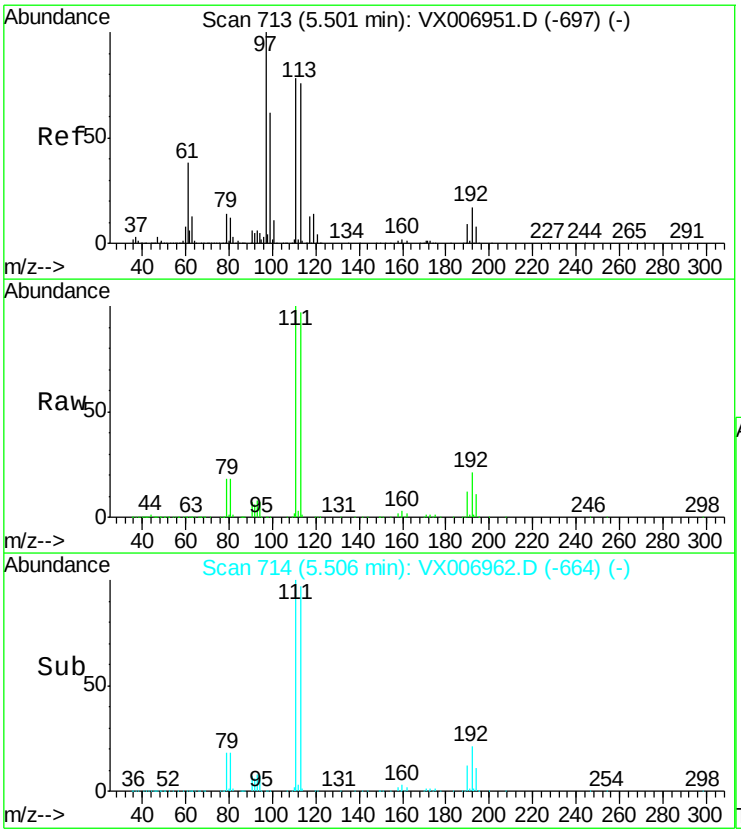
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX006962.D
Acq: 09 Jan 2019 13:53

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:114 Resp: 1021809

Ion	Ratio	Lower	Upper
114	100		
63	18.4	0.0	34.8
88	14.3	0.0	28.8

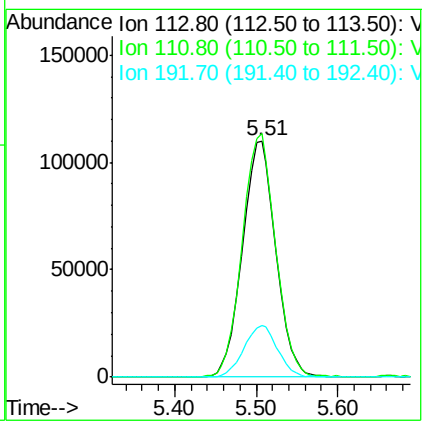


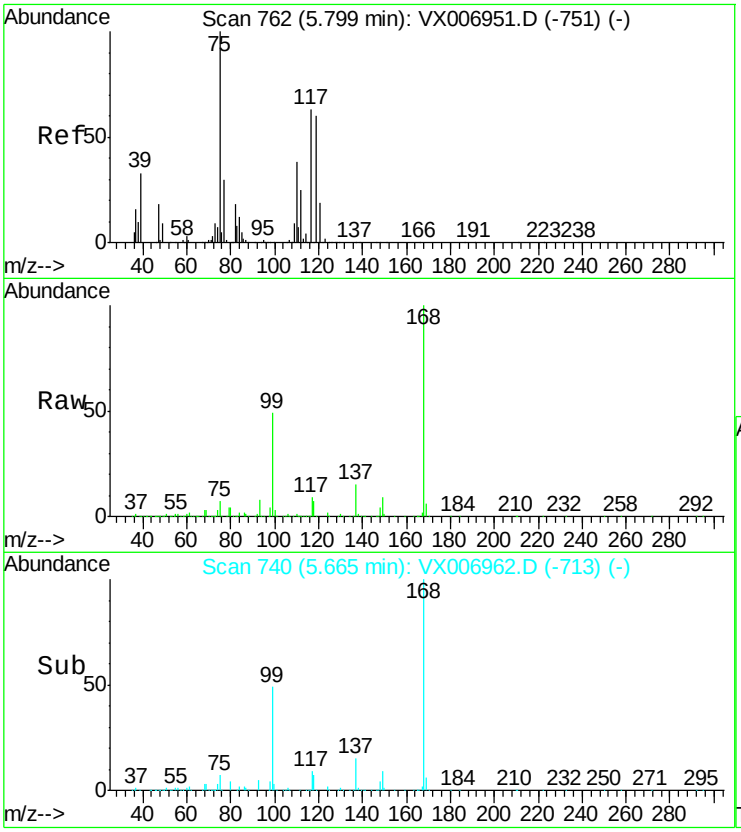


#35
Dibromofluoromethane
Concen: 47.902 ug/l
RT: 5.51 min Scan# 714
Delta R.T. 0.01 min
Lab File: VX006962.D
Acq: 09 Jan 2019 13:53

Tgt Ion:113 Resp: 313449

Ion	Ratio	Lower	Upper
113	100		
111	102.5	81.6	122.4
192	22.0	16.7	25.1



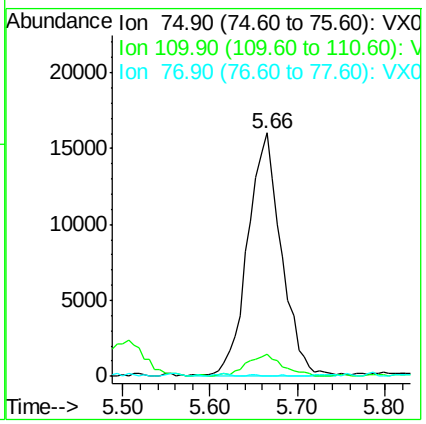


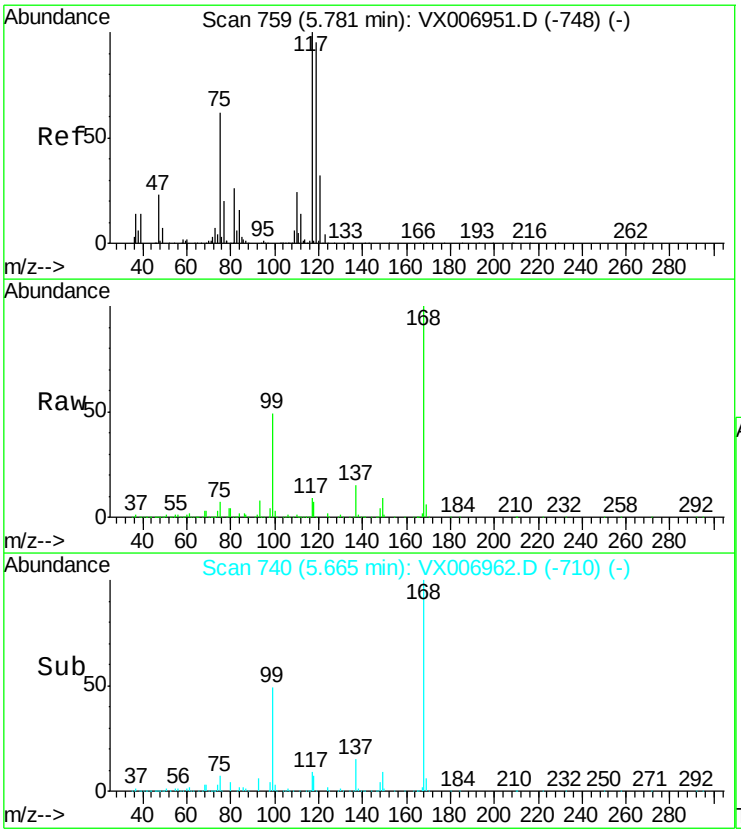
#36
1,1-Dichloropropene
Concen: 4.822 ug/l
RT: 5.66 min Scan# 740
Delta R.T. -0.13 min
Lab File: VX006962.D
Acq: 09 Jan 2019 13:53

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 42836

Ion	Ratio	Lower	Upper
75	100		
110	9.9	20.2	60.5#
77	0.1	24.8	37.2#

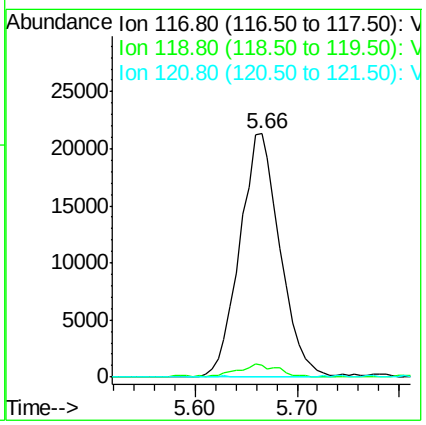


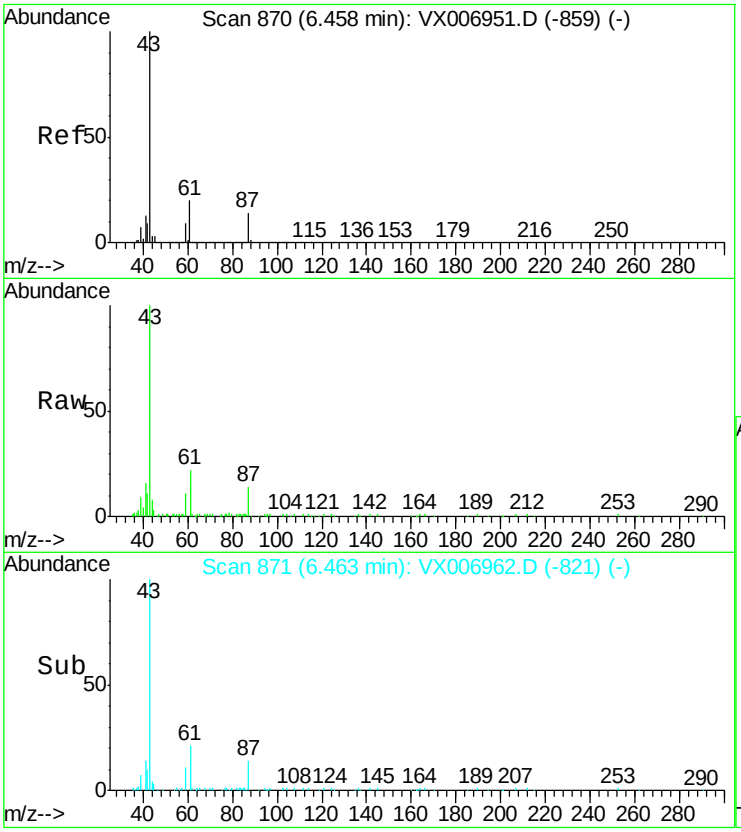


#38
Carbon Tetrachloride
Concen: 6.548 ug/l
RT: 5.66 min Scan# 740
Delta R.T. -0.12 min
Lab File: VX006962.D
Acq: 09 Jan 2019 13:53

Tgt Ion:117 Resp: 58523

Ion	Ratio	Lower	Upper
117	100		
119	5.0	79.4	119.2#
121	0.0	24.0	36.0#



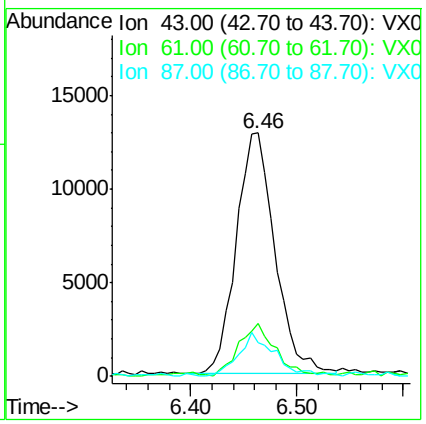


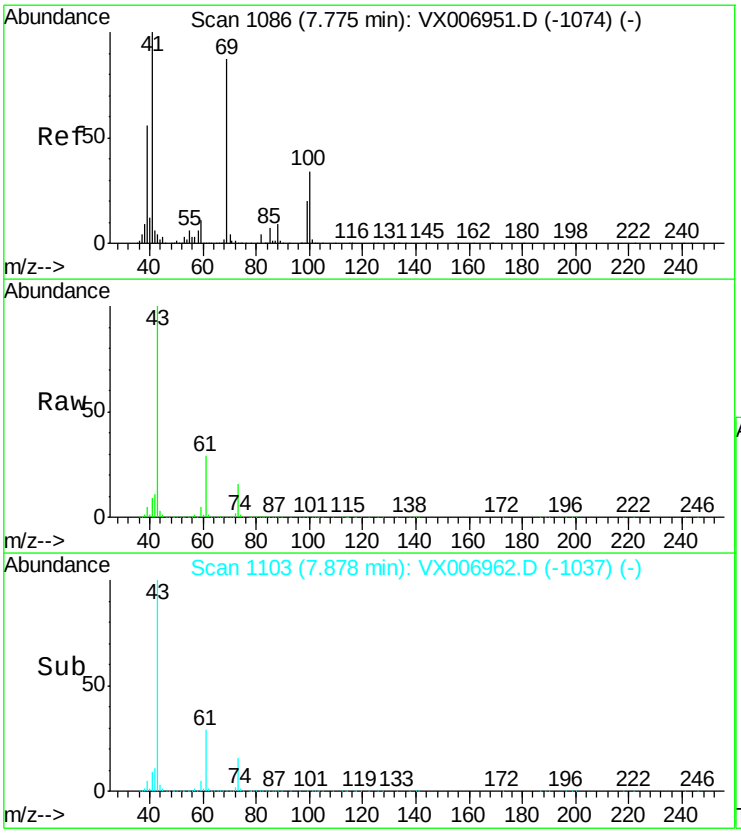
#43
Isopropyl Acetate
Concen: 2.174 ug/l
RT: 6.46 min Scan# 871
Delta R.T. 0.01 min
Lab File: VX006962.D
Acq: 09 Jan 2019 13:53

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 32663

Ion	Ratio	Lower	Upper
43	100		
61	21.6	16.8	25.2
87	17.1	12.4	18.6

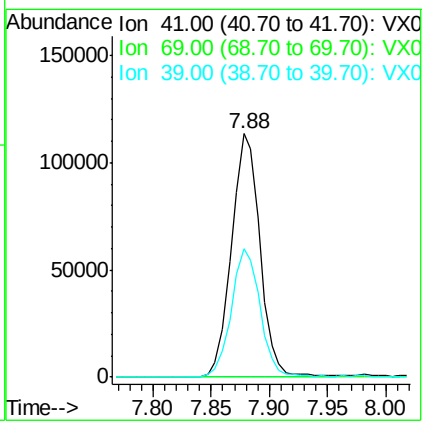


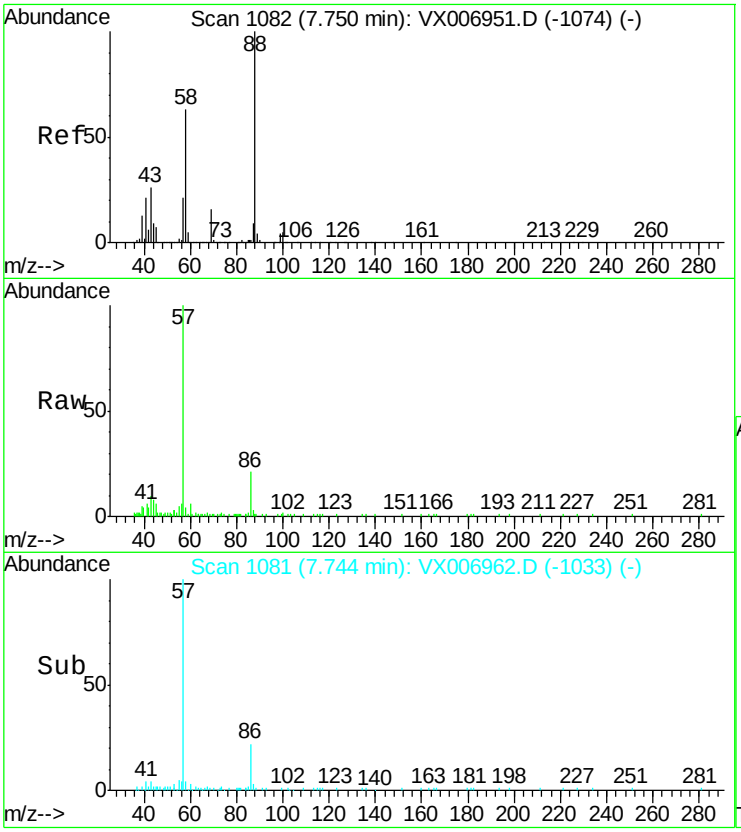


#48
Methyl methacrylate
Concen: 24.913 ug/l
RT: 7.88 min Scan# 1103
Delta R.T. 0.10 min
Lab File: VX006962.D
Acq: 09 Jan 2019 13:53

Tgt Ion: 41 Resp: 192204

Ion	Ratio	Lower	Upper
41	100		
69	0.4	72.4	108.6#
39	53.2	45.8	68.8



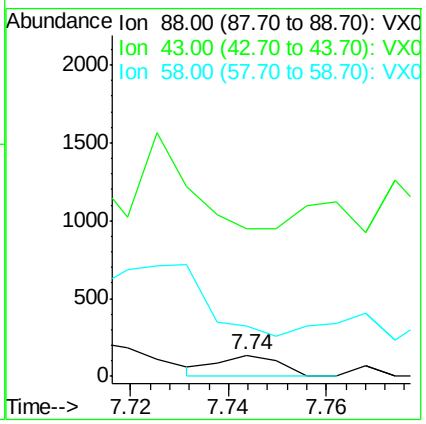


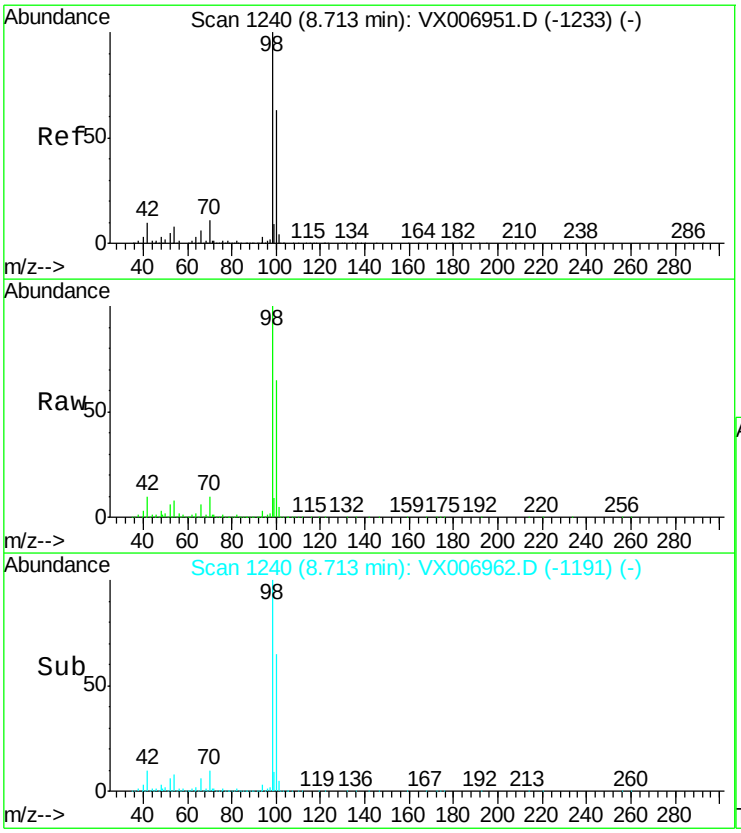
#49
1,4-Dioxane
Concen: Below Cal
RT: 7.74 min Scan# 1081
Delta R.T. -0.01 min
Lab File: VX006962.D
Acq: 09 Jan 2019 13:53

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 88 Resp: 117

Ion	Ratio	Lower	Upper
88	100		
43	0.0	22.2	33.4#
58	1191.5	51.0	76.4#

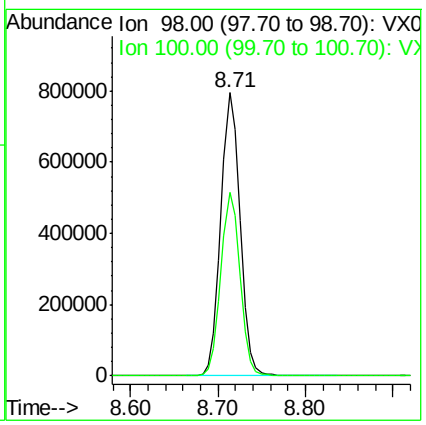


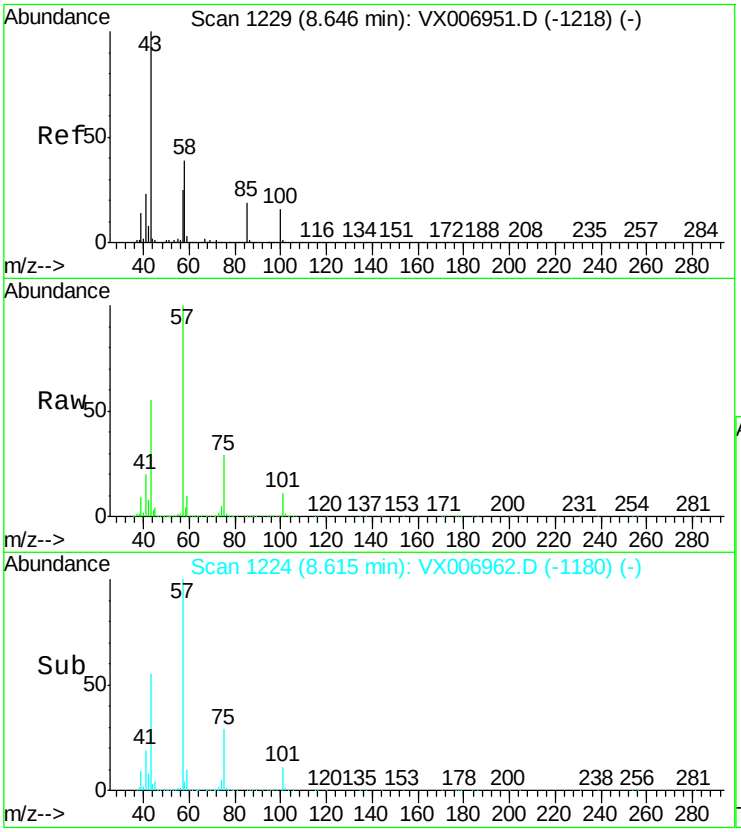


#50
Toluene-d8
Concen: 50.795 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX006962.D
Acq: 09 Jan 2019 13:53

Tgt Ion: 98 Resp: 1216613

Ion	Ratio	Lower	Upper
98	100		
100	64.6	52.0	78.0



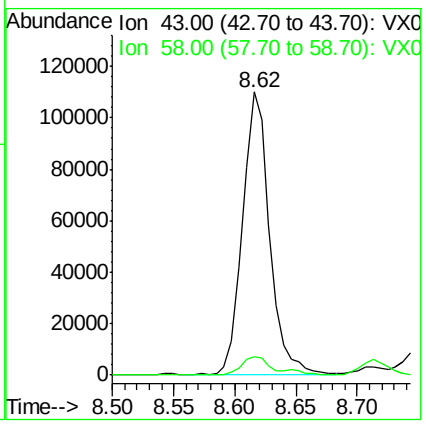


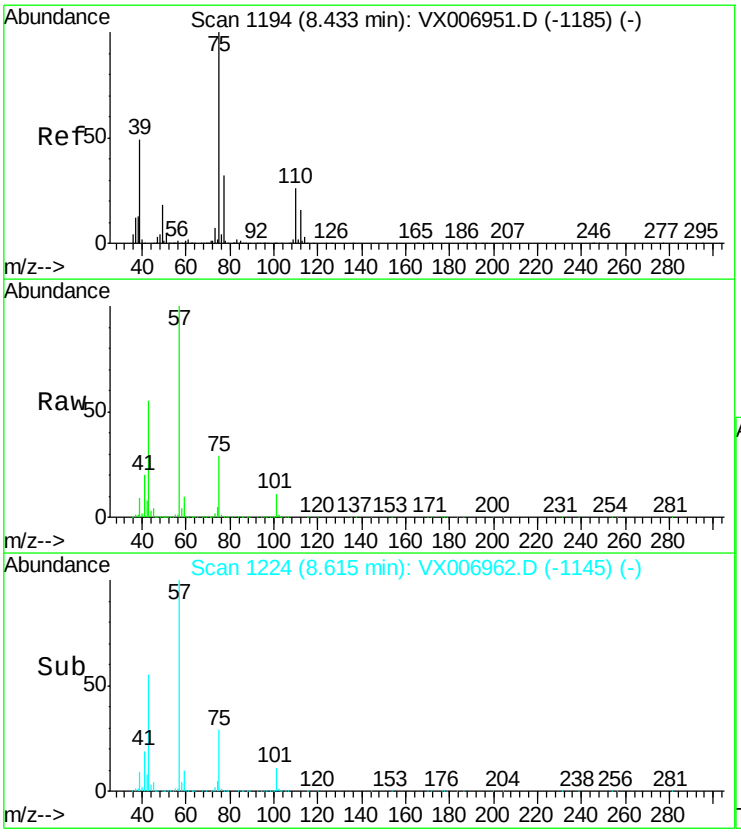
#51
4-Methyl-2-Pentanone
Concen: 17.429 ug/l
RT: 8.62 min Scan# 1224
Delta R.T. -0.03 min
Lab File: VX006962.D
Acq: 09 Jan 2019 13:53

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 168277

Ion	Ratio	Lower	Upper
43	100		
58	8.2	31.8	47.6#

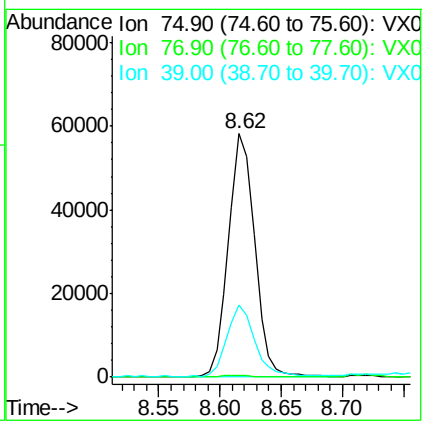


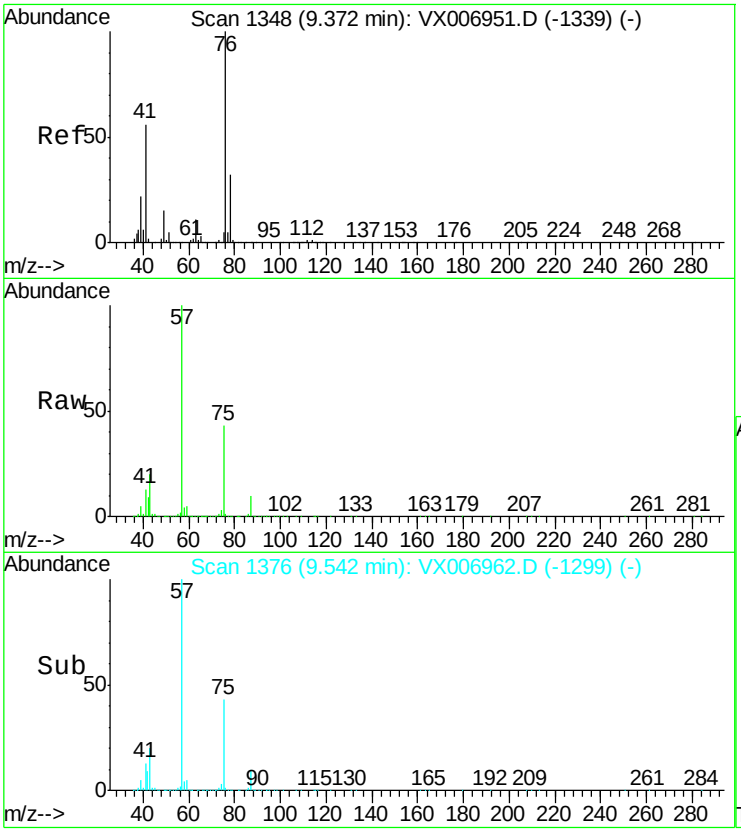


#54
cis-1,3-Dichloropropene
Concen: 8.725 ug/l
RT: 8.62 min Scan# 1224
Delta R.T. 0.18 min
Lab File: VX006962.D
Acq: 09 Jan 2019 13:53

Tgt Ion: 75 Resp: 87104

Ion	Ratio	Lower	Upper
75	100		
77	0.4	26.2	39.2#
39	29.3	36.7	55.1#



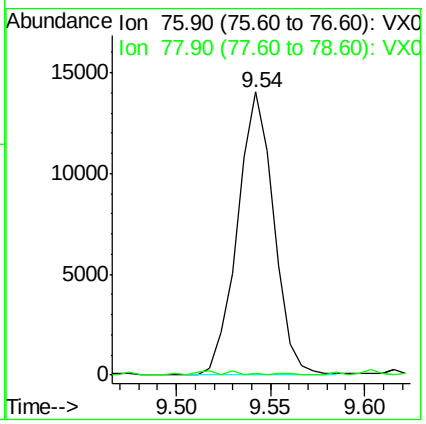


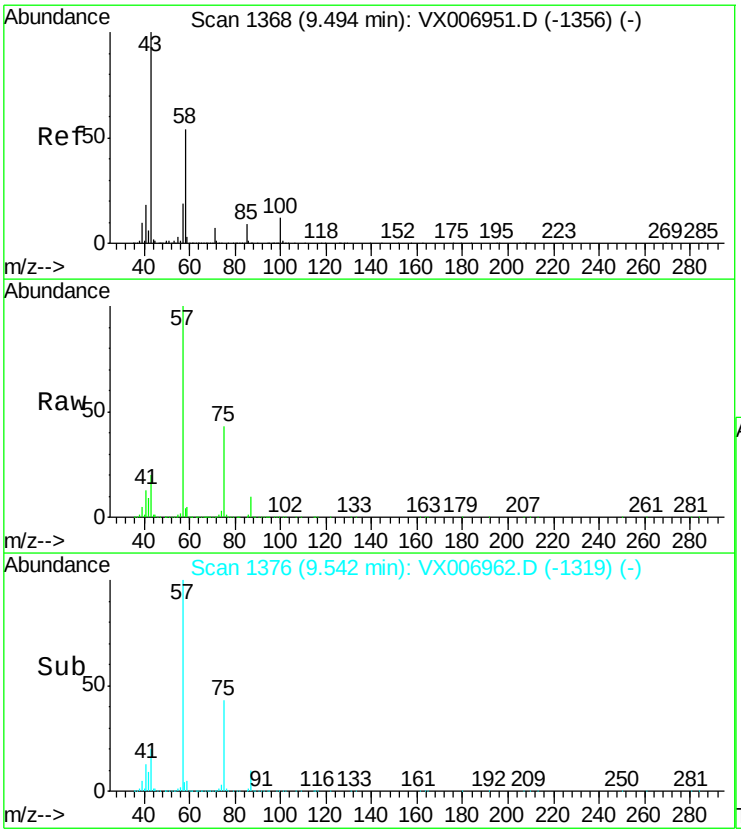
#57
1,3-Dichloropropane
Concen: 1.647 ug/l
RT: 9.54 min Scan# 1376
Delta R.T. 0.17 min
Lab File: VX006962.D
Acq: 09 Jan 2019 13:53

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 76 Resp: 18812

Ion	Ratio	Lower	Upper
76	100		
78	0.4	26.0	39.0#

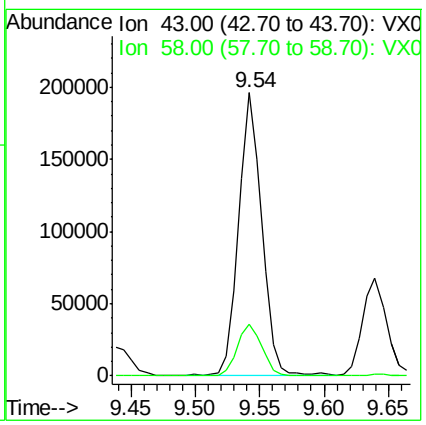


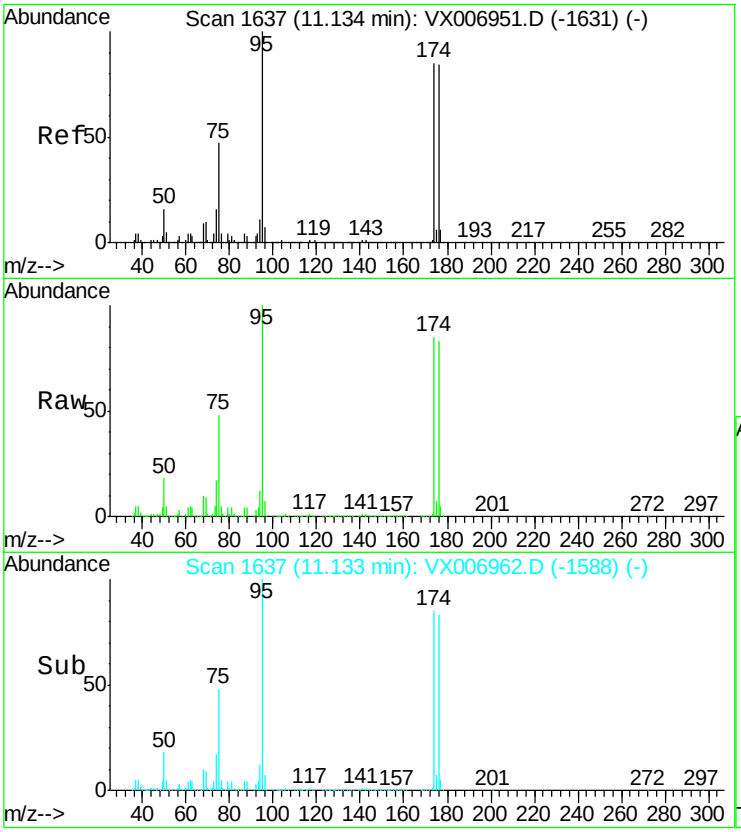


#59
2-Hexanone
Concen: 32.999 ug/l
RT: 9.54 min Scan# 1376
Delta R.T. 0.05 min
Lab File: VX006962.D
Acq: 09 Jan 2019 13:53

Tgt Ion: 43 Resp: 242787

Ion	Ratio	Lower	Upper
43	100		
58	19.7	27.7	83.1#



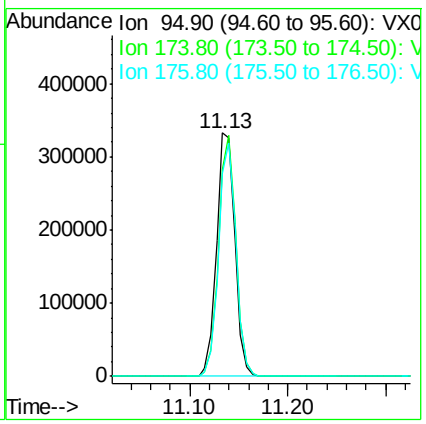


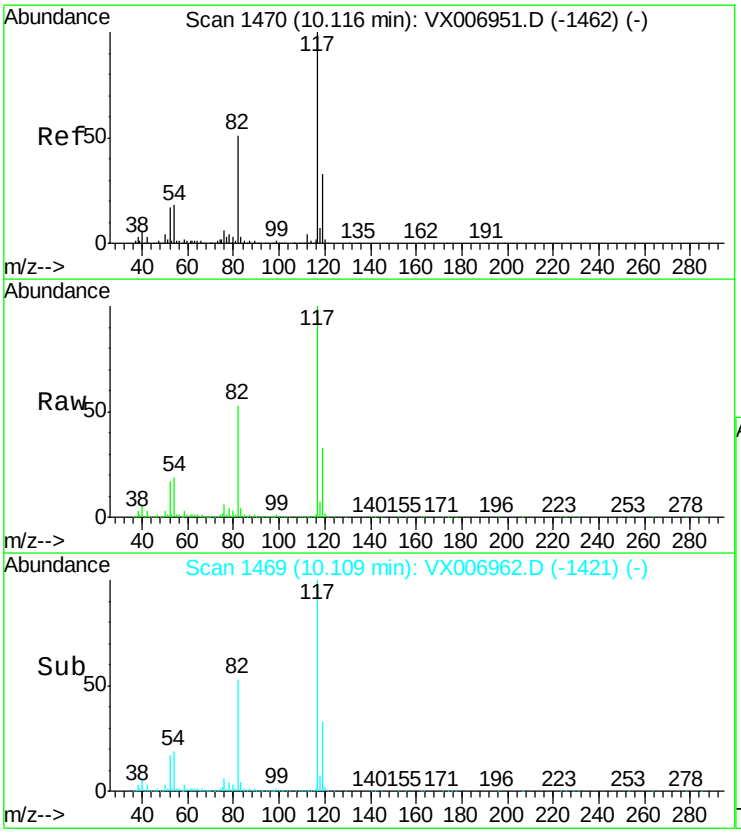
#62
4-Bromofluorobenzene
Concen: 51.767 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX006962.D
Acq: 09 Jan 2019 13:53

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 95 Resp: 432264

Ion	Ratio	Lower	Upper
95	100		
174	93.2	0.0	182.2
176	90.7	0.0	178.8

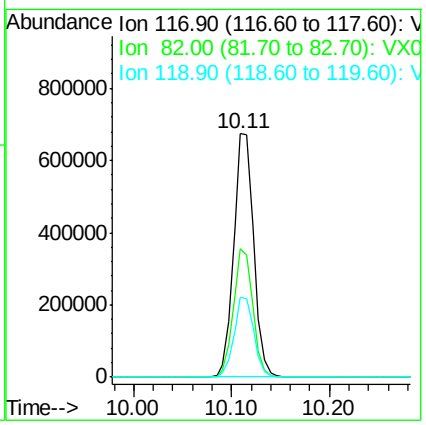


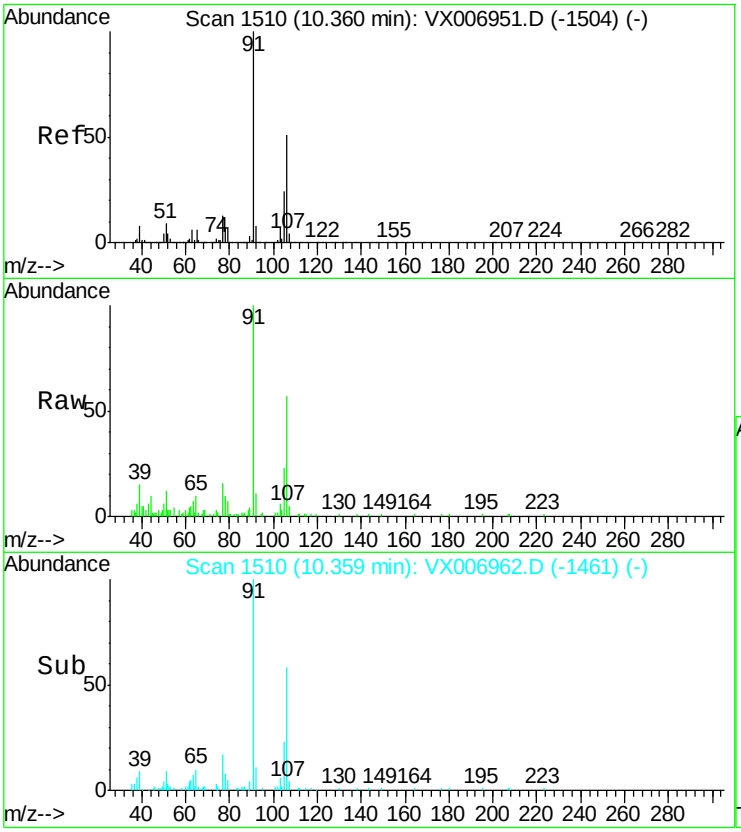


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.01 min
Lab File: VX006962.D
Acq: 09 Jan 2019 13:53

Tgt Ion:117 Resp: 954088

Ion	Ratio	Lower	Upper
117	100		
82	52.6	41.0	61.6
119	32.7	25.4	38.0



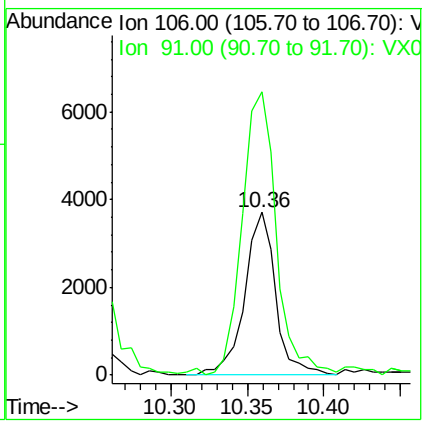


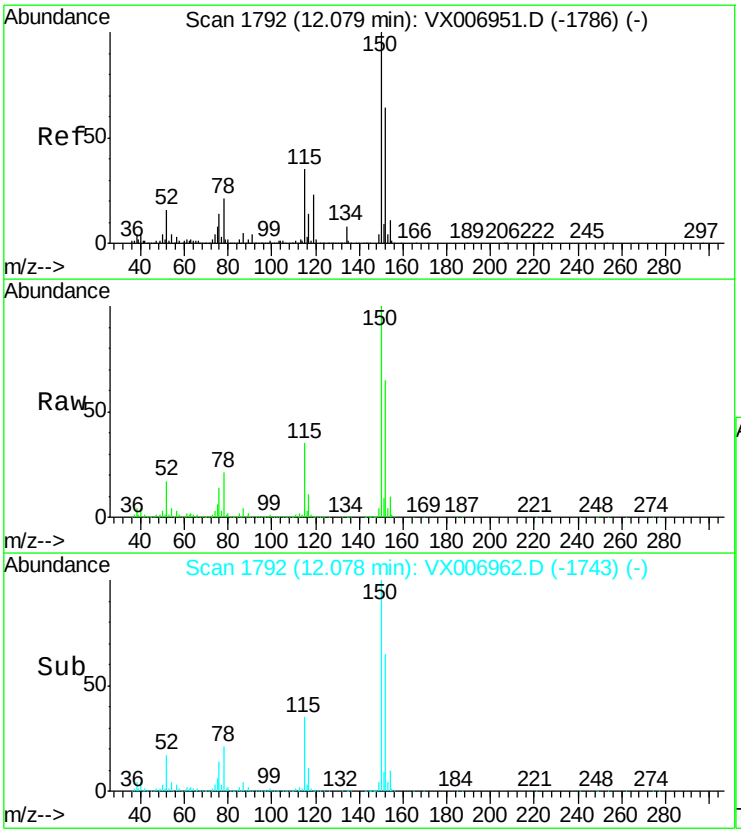
#68
m/p-Xylenes
Concen: 0.386 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX006962.D
Acq: 09 Jan 2019 13:53

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:106 Resp: 5231

Ion	Ratio	Lower	Upper
106	100		
91	190.8	155.8	233.6

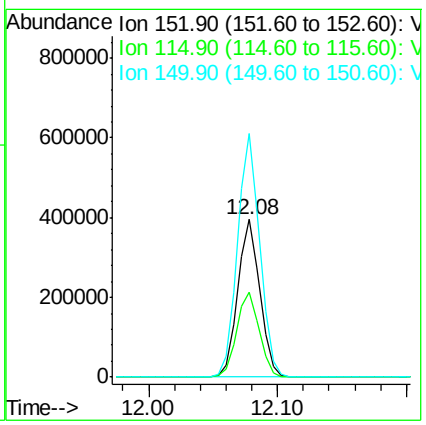


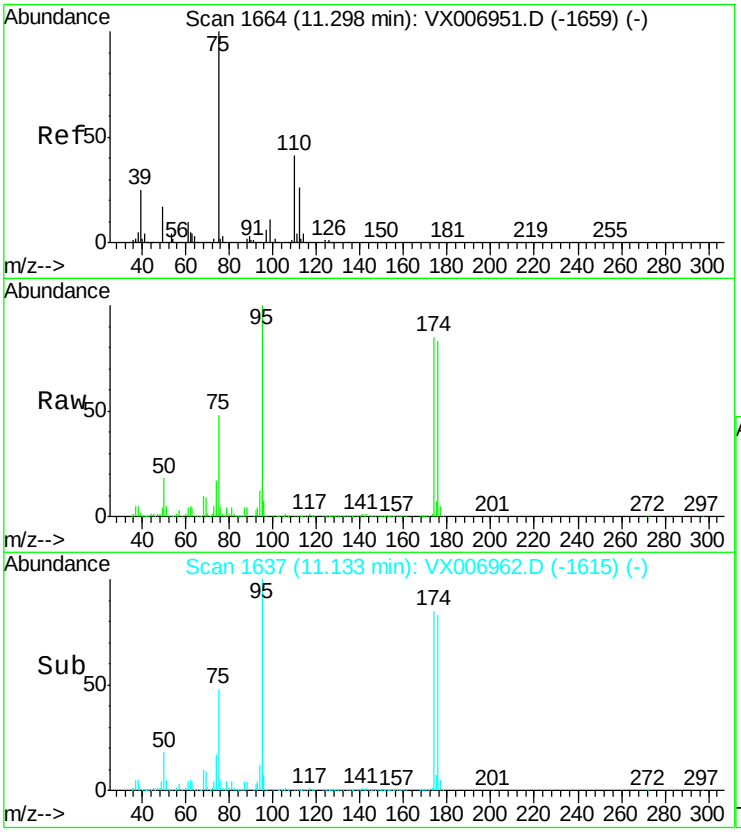


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX006962.D
Acq: 09 Jan 2019 13:53

Tgt Ion:152 Resp: 471009

Ion	Ratio	Lower	Upper
152	100		
115	54.5	39.1	117.2
150	154.6	0.0	344.8



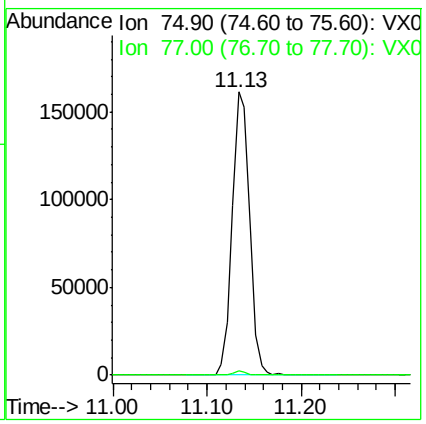


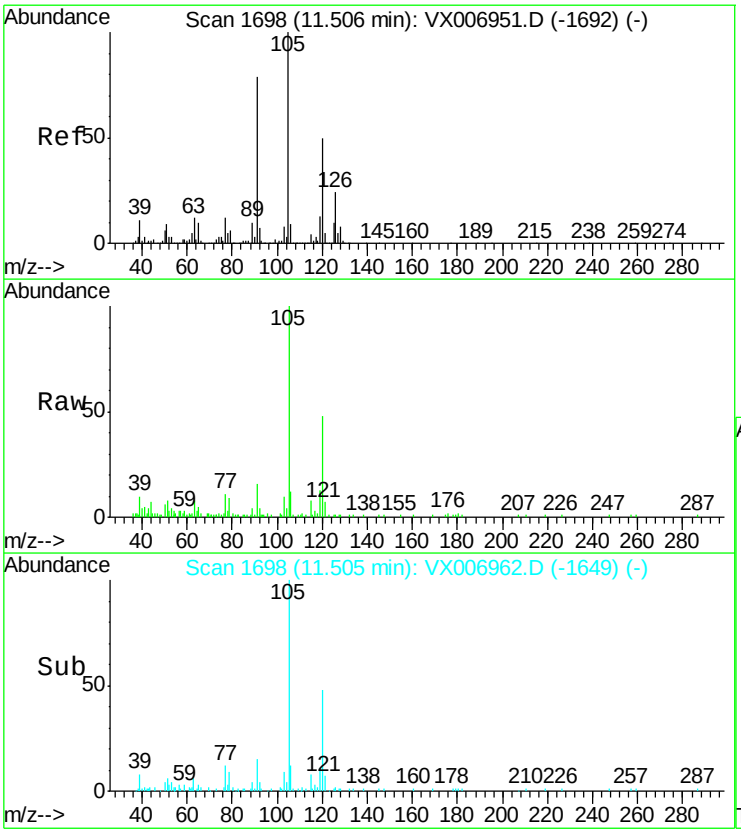
#76
1,2,3-Trichloropropane
Concen: 21.650 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.17 min
Lab File: VX006962.D
Acq: 09 Jan 2019 13:53

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 206644

Ion	Ratio	Lower	Upper
75	100		
77	1.4	18.5	55.5#

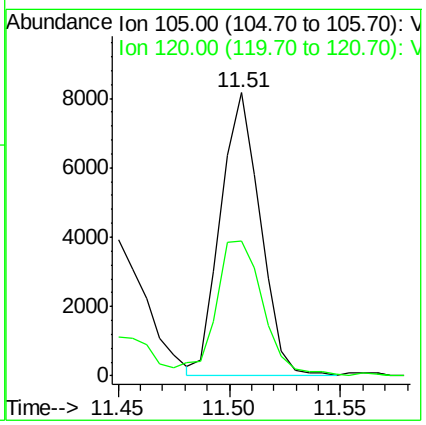


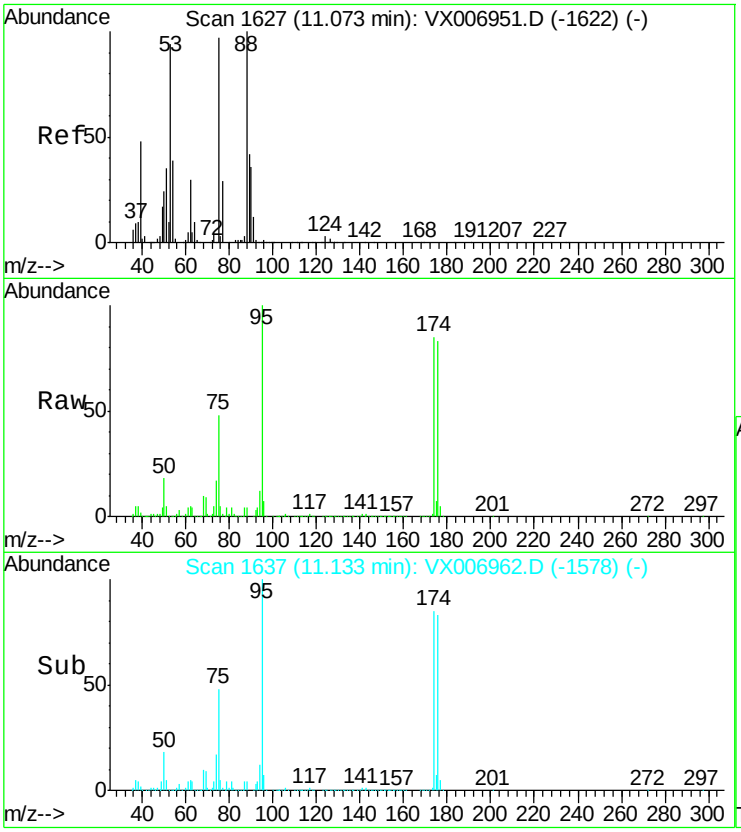


#80
1,3,5-Trimethylbenzene
Concen: 0.365 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX006962.D
Acq: 09 Jan 2019 13:53

Tgt Ion:105 Resp: 10121

Ion	Ratio	Lower	Upper
105	100		
120	56.9	25.1	75.3



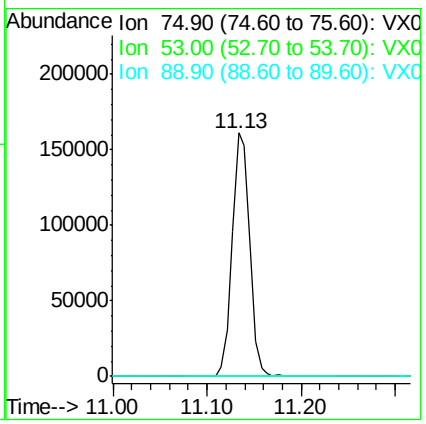


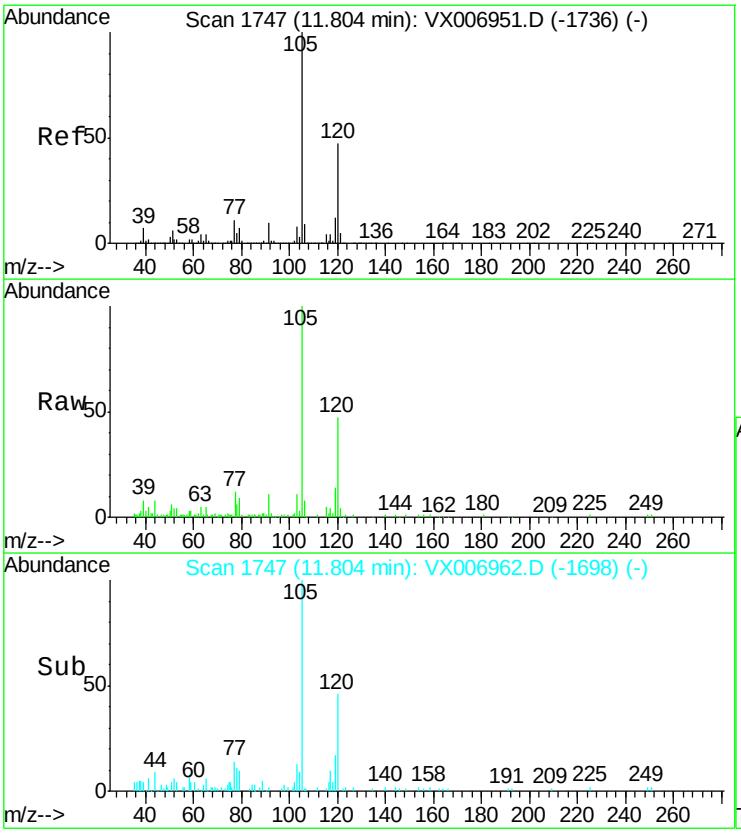
#81
trans-1,4-Dichloro-2-butene
Concen: 64.176 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX006962.D
Acq: 09 Jan 2019 13:53

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 206644

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

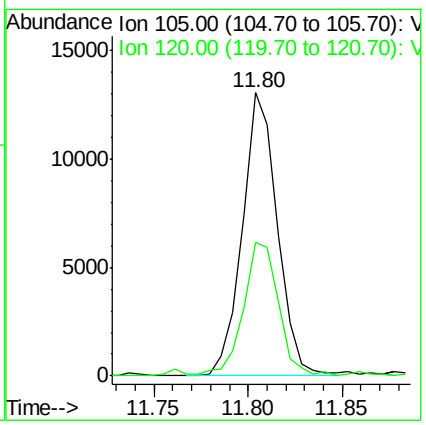


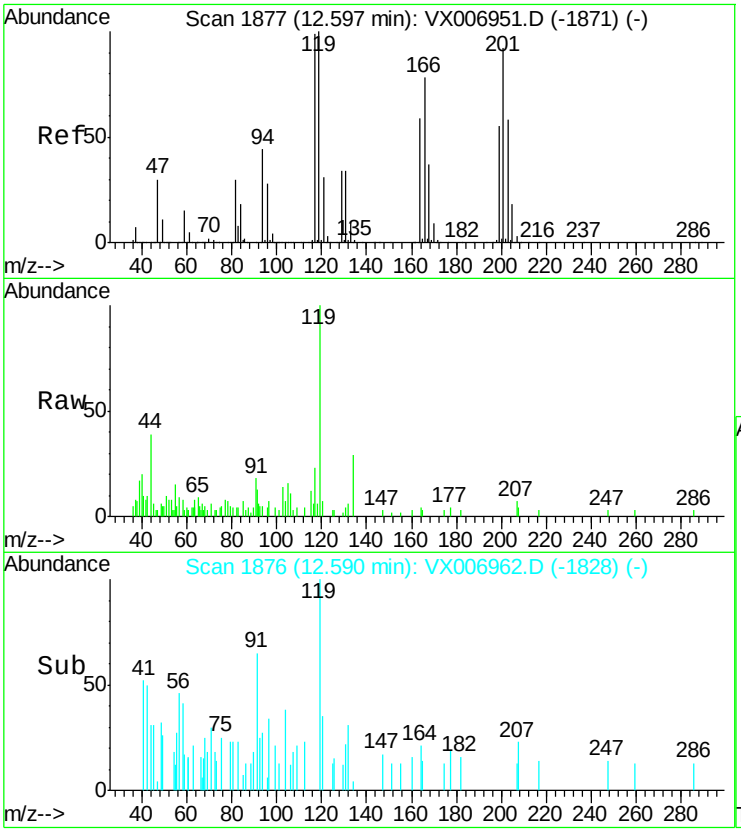


#84
1,2,4-Trimethylbenzene
Concen: 0.602 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX006962.D
Acq: 09 Jan 2019 13:53

Tgt Ion:105 Resp: 16813

Ion	Ratio	Lower	Upper
105	100		
120	47.5	23.2	69.6



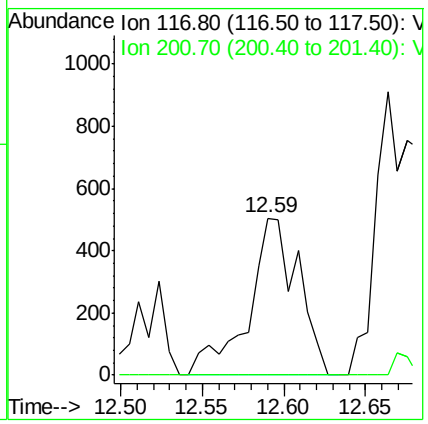


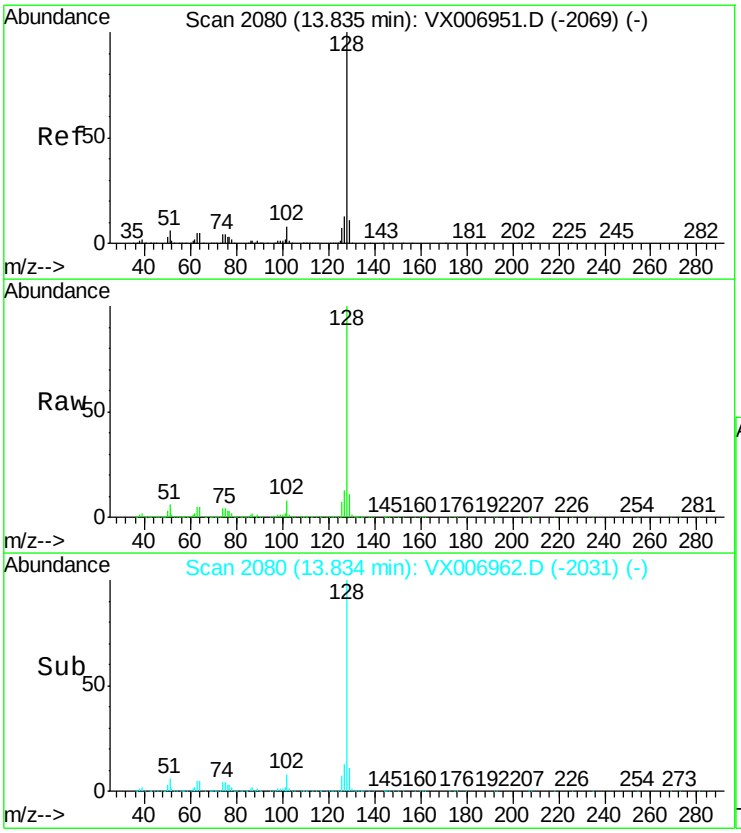
#90
Hexachloroethane
Concen: 3.123 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.01 min
Lab File: VX006962.D
Acq: 09 Jan 2019 13:53

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 1075

Ion	Ratio	Lower	Upper
117	100		
201	0.0	42.9	128.7#





#95
Naphthalene
Concen: 13.609 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX006962.D
Acq: 09 Jan 2019 13:53

Tgt Ion:128 Resp: 461815

Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.1	15.1
129	10.9	8.6	13.0