Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX022018\
Data File : VX000113.D
Acq On : 20 Feb 2018 17:55
Operator : JC/MD
Sample : VX0220WBL01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : VX0220WBL01

Quant Time: Feb 21 06:18:33 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\624X022018W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Feb 21 06:17:26 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.03	128	12477	30.00	ug/l		0.00
28) 1,4-Difluorobenzene	6.87	114	75103	30.00	ug/l		0.00
57) Chlorobenzene-d5	10.12	117	68302	30.00	ug/l		0.00
System Monitoring Compounds							
27) 1,2-Dichloroethane-d4	6.08	65	30353	31.43	ug/l		0.00
Spiked Amount 30.000	Range 50 - 169		Recovery = 104.77%				
60) 4-Bromofluorobenzene	11.15	95	32774	29.33	ug/l		0.00
Spiked Amount 30.000	Range 56 - 143		Recovery = 97.77%				
63) Toluene-d8	8.73	98	90838	31.05	ug/l		0.00
Spiked Amount 30.000	Range 66 - 137		Recovery = 103.50%				
Target Compounds							Qvalue
13) Acrolein	2.30	56	59	0.33	ug/l	#	21
15) Acetone	2.46	58	72	0.34	ug/l	#	1
16) Carbon Disulfide	2.57	76	708	0.30	ug/l	#	71
18) Methylene Chloride	2.86	84	551	0.61	ug/l	#	79
51) Ethyl methacrylate	8.73	69	356	0.26	ug/l	#	62
56) Bromoform	11.15	173	249	0.31	ug/l	#	1
58) 4-Methyl-2-Pentanone	8.72	43	474	0.32	ug/l	#	1
72) 1,2,3-Trichloropropane	11.15	75	18051	14.01	ug/l		34
77) t-1,4-Dichloro-2-butene	11.15	75	18051	39.61	ug/l	#	11
89) 1,2,4-Trichlorobenzene	13.66	180	317	0.21	ug/l		95

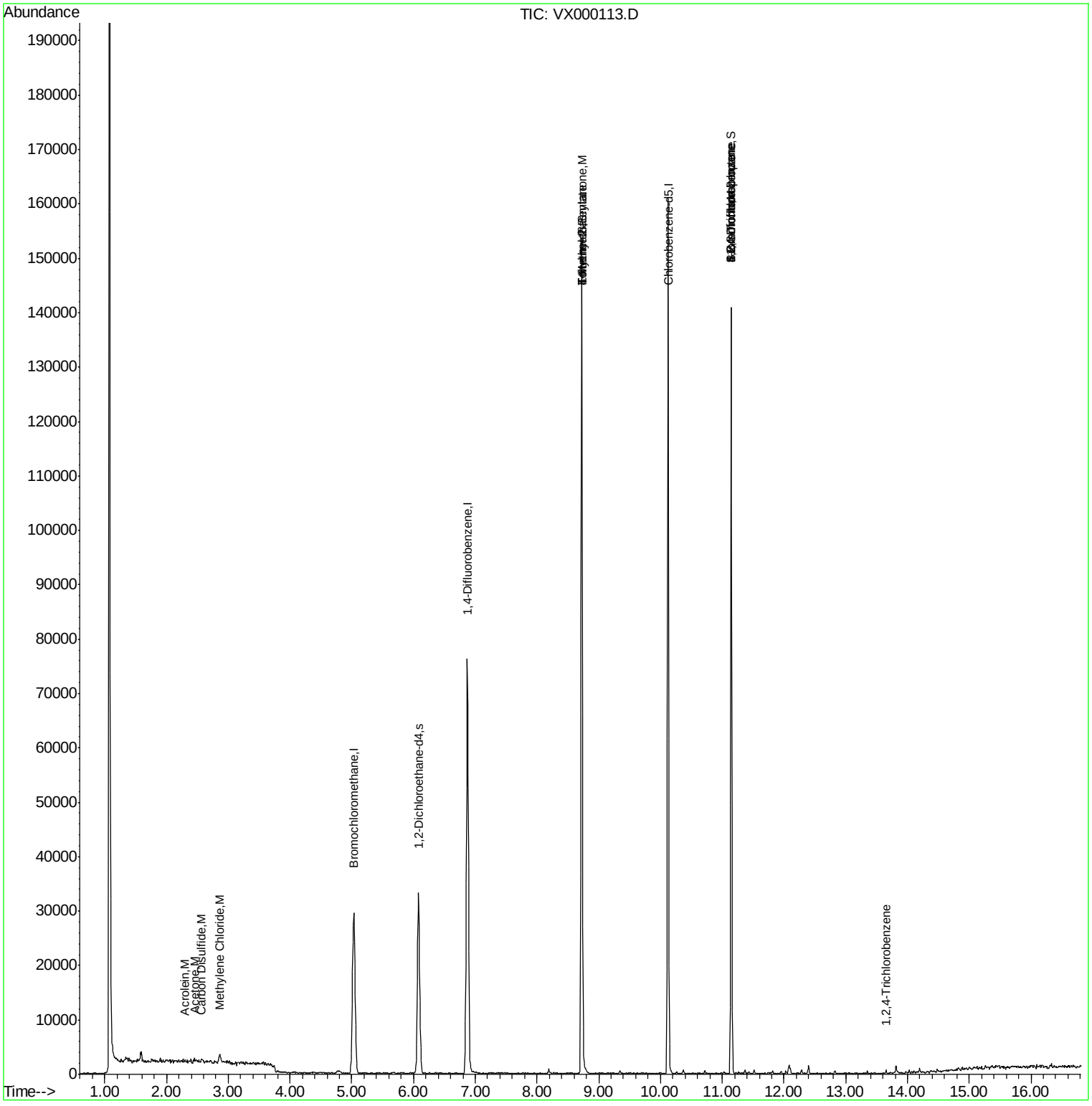
(#) = qualifier out of range (m) = manual integration (+) = signals summed

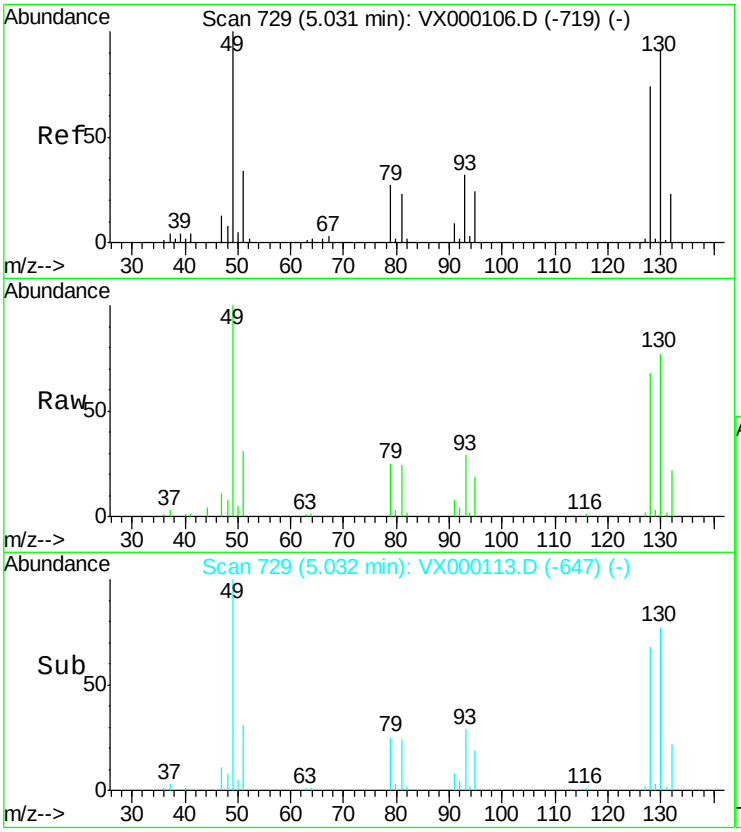
Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX022018\
Data File : VX000113.D
Acq On : 20 Feb 2018 17:55
Operator : JC/MD
Sample : VX0220WBL01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0220WBL01

Quant Time: Feb 21 06:18:33 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\624X022018W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Feb 21 06:17:26 2018
Response via : Initial Calibration



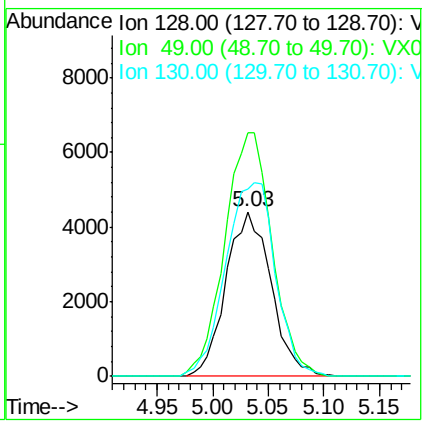


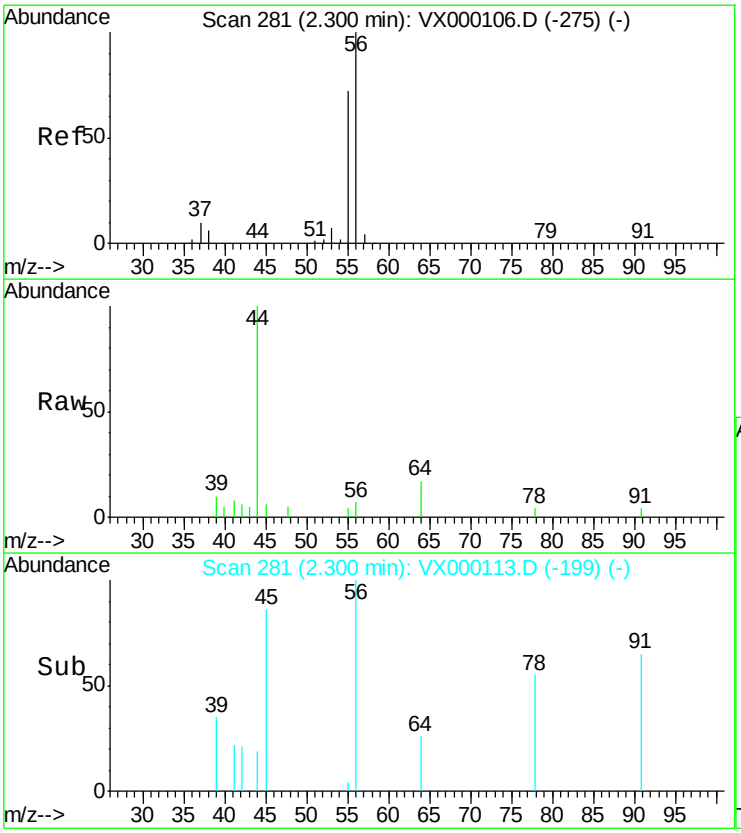
#1
Bromochloromethane
Concen: 30.00 ug/l
RT: 5.03 min Scan# 729
Delta R.T. 0.00 min
Lab File: VX000113.D
Acq: 20 Feb 2018 17:55

Instrument :
MSVOA_X
ClientSampleId :
VX0220WBL01

Tgt Ion:128 Resp: 12477

Ion	Ratio	Lower	Upper
128	100		
49	154.3	0.0	378.3
130	129.5	0.0	324.3

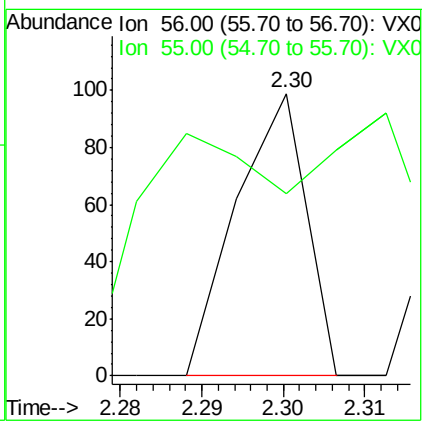


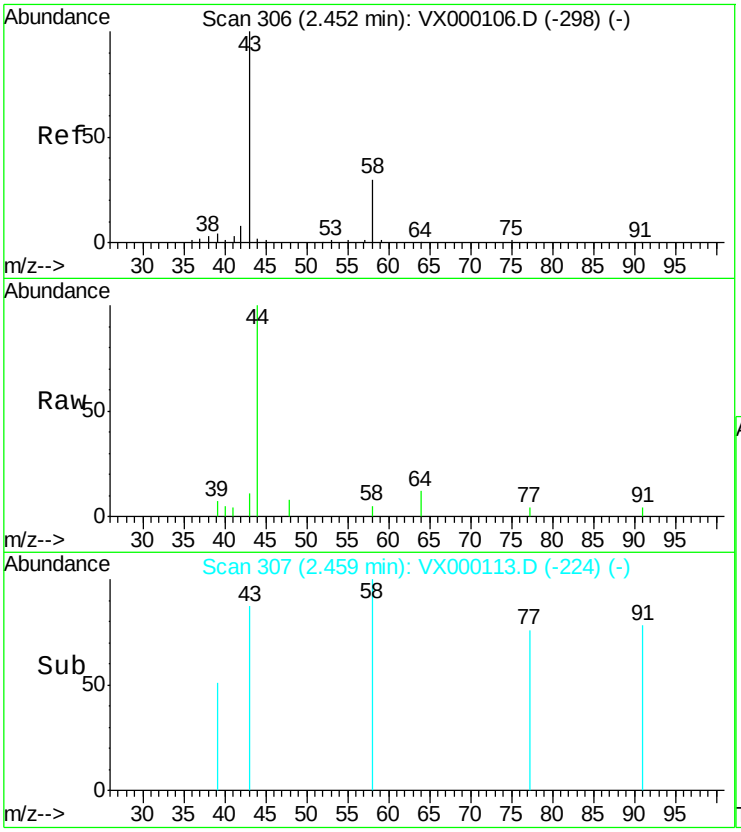


#13
Acrolein
Concen: 0.33 ug/l
RT: 2.30 min Scan# 281
Delta R.T. 0.00 min
Lab File: VX000113.D
Acq: 20 Feb 2018 17:55

Tgt Ion: 56 Resp: 59

Ion	Ratio	Lower	Upper
56	100		
55	137.3	57.3	85.9#



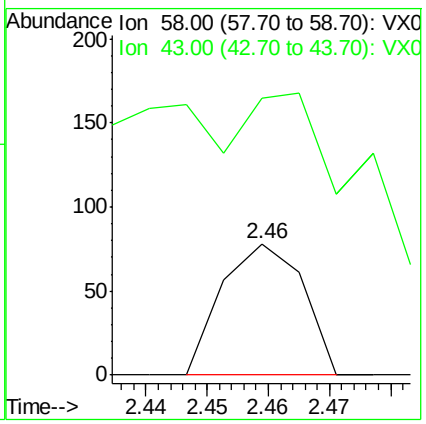


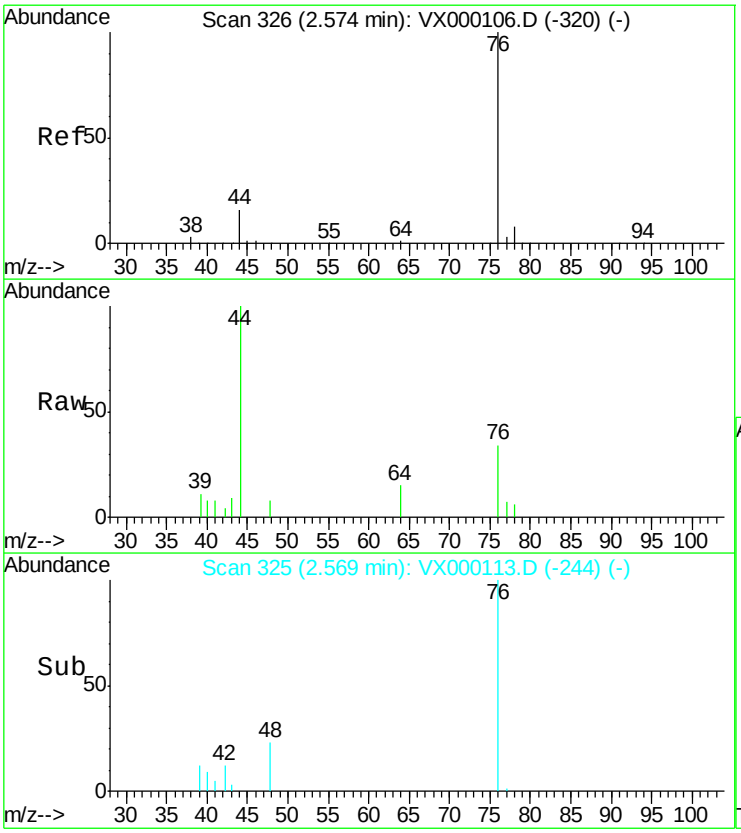
#15
Acetone
Concen: 0.34 ug/l
RT: 2.46 min Scan# 307
Delta R.T. 0.01 min
Lab File: VX000113.D
Acq: 20 Feb 2018 17:55

Instrument : MSVOA_X
ClientSampleId : VX0220WBL01

Tgt Ion: 58 Resp: 72

Ion	Ratio	Lower	Upper
58	100		
43	73.1	264.6	396.8#

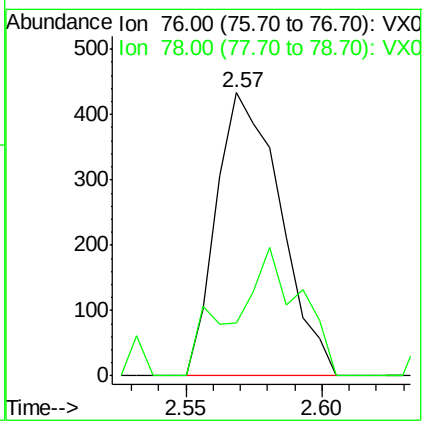


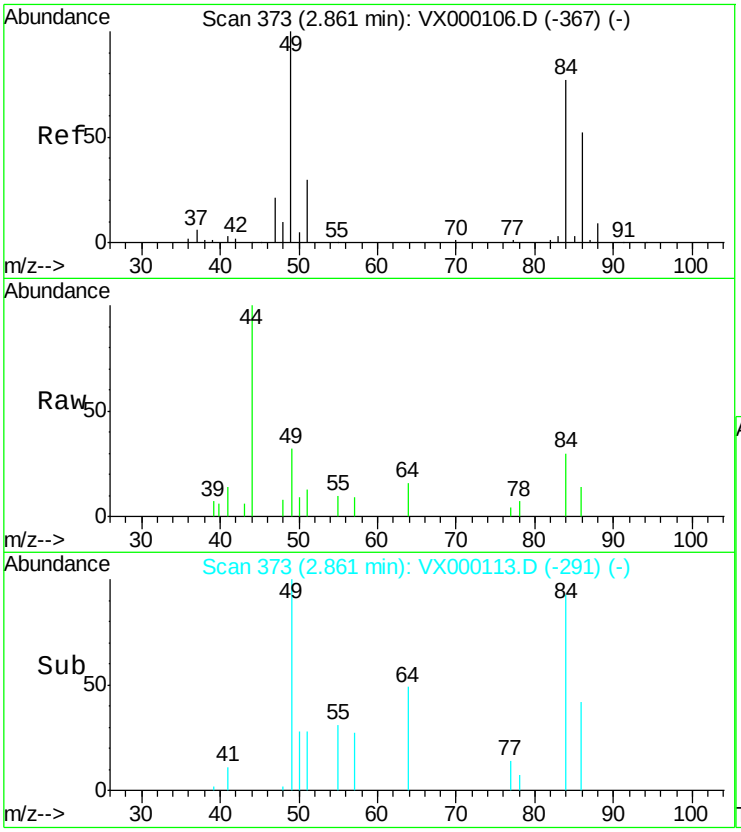


#16
Carbon Disulfide
Concen: 0.30 ug/l
RT: 2.57 min Scan# 325
Delta R.T. -0.01 min
Lab File: VX000113.D
Acq: 20 Feb 2018 17:55

Tgt Ion: 76 Resp: 708

Ion	Ratio	Lower	Upper
76	100		
78	18.7	6.8	10.2#



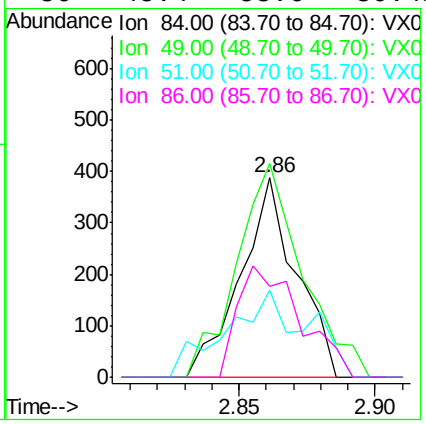


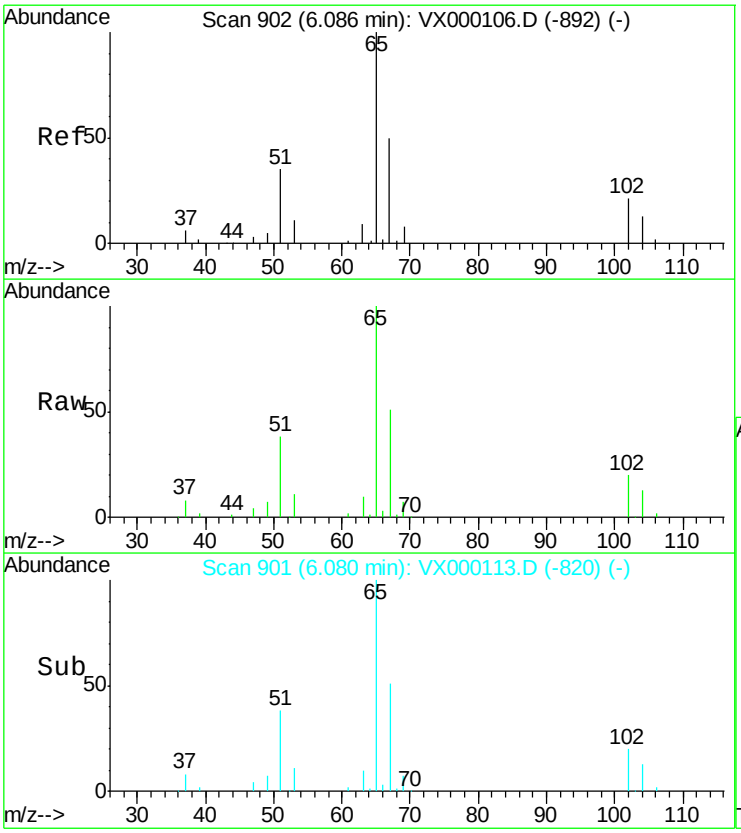
#18
Methylene Chloride
Concen: 0.61 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX000113.D
Acq: 20 Feb 2018 17:55

Instrument : MSVOA_X
ClientSampleId : VX0220WBL01

Tgt Ion: 84 Resp: 551

Ion	Ratio	Lower	Upper
84	100		
49	107.0	103.3	154.9
51	28.9	31.2	46.8#
86	45.4	53.6	80.4#

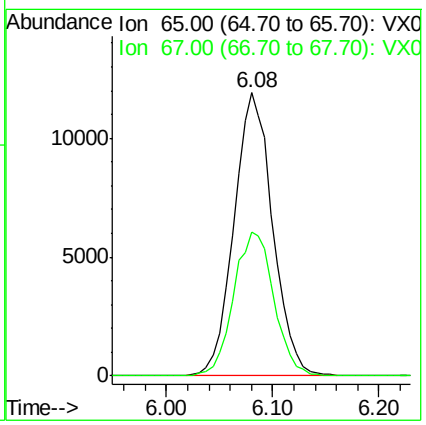


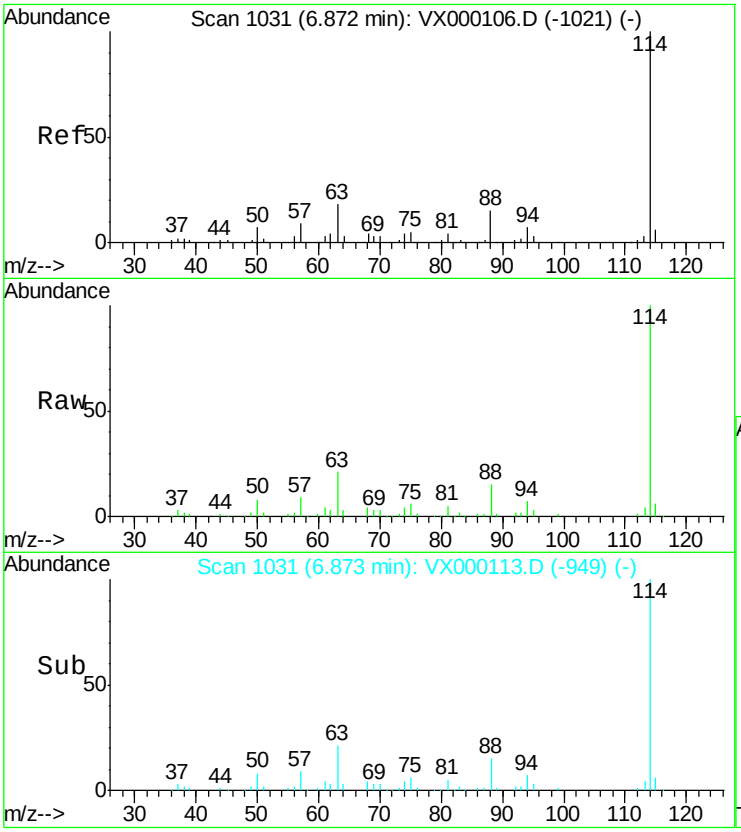


#27
1,2-Dichloroethane-d4
Concen: 31.43 ug/l
RT: 6.08 min Scan# 901
Delta R.T. -0.01 min
Lab File: VX000113.D
Acq: 20 Feb 2018 17:55

Tgt Ion: 65 Resp: 30353

Ion	Ratio	Lower	Upper
65	100		
67	52.6	41.4	62.2



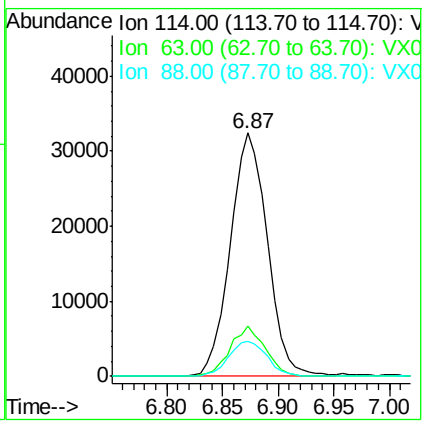


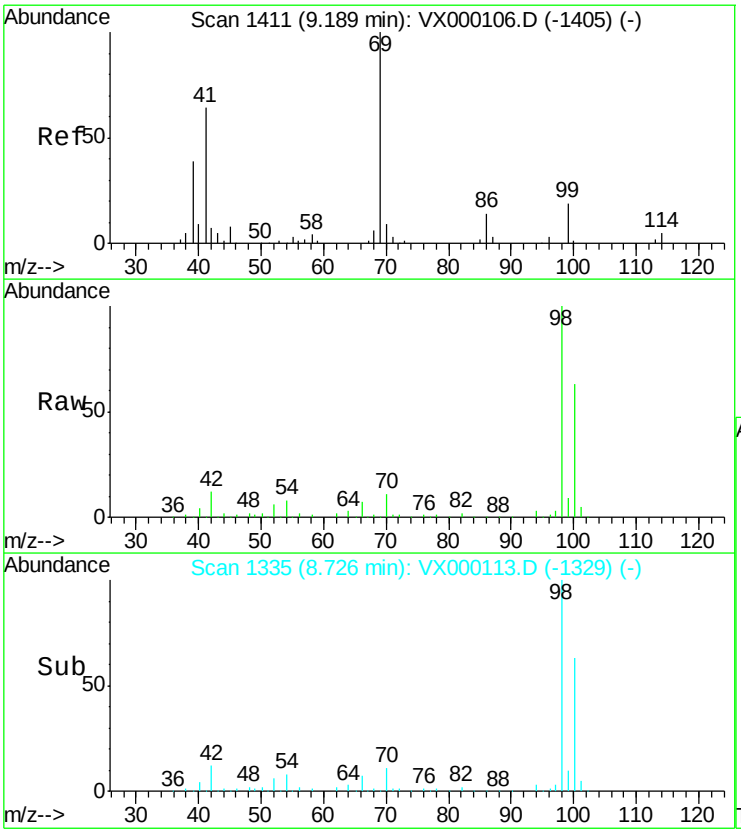
#28
1,4-Difluorobenzene
Concen: 30.00 ug/l
RT: 6.87 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VX000113.D
Acq: 20 Feb 2018 17:55

Instrument :
MSVOA_X
ClientSampleId :
VX0220WBL01

Tgt Ion:114 Resp: 75103

Ion	Ratio	Lower	Upper
114	100		
63	19.6	15.0	22.4
88	14.8	11.8	17.8

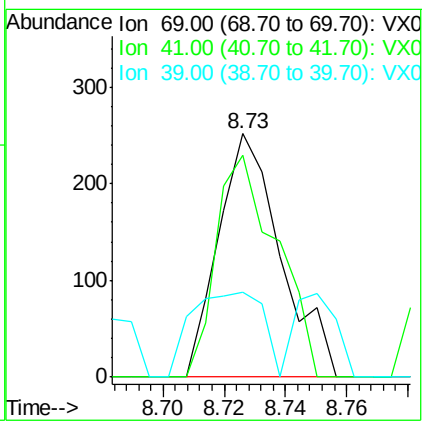


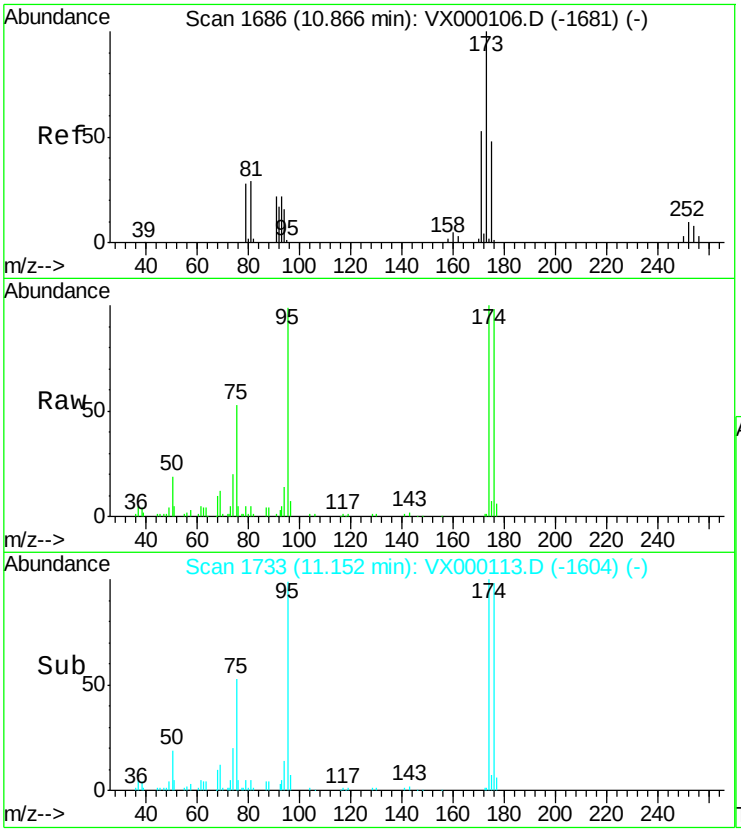


#51
Ethyl methacrylate
Concen: 0.26 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. -0.46 min
Lab File: VX000113.D
Acq: 20 Feb 2018 17:55

Tgt Ion: 69 Resp: 356

Ion	Ratio	Lower	Upper
69	100		
41	90.9	32.1	96.3
39	11.1	19.6	58.7#



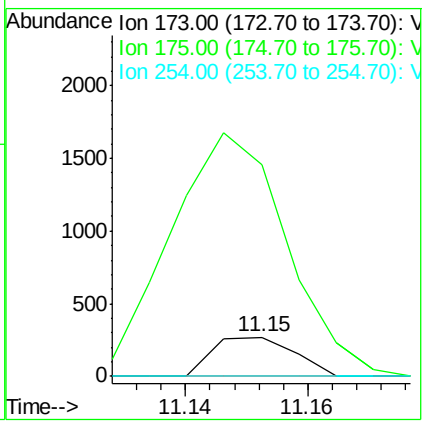


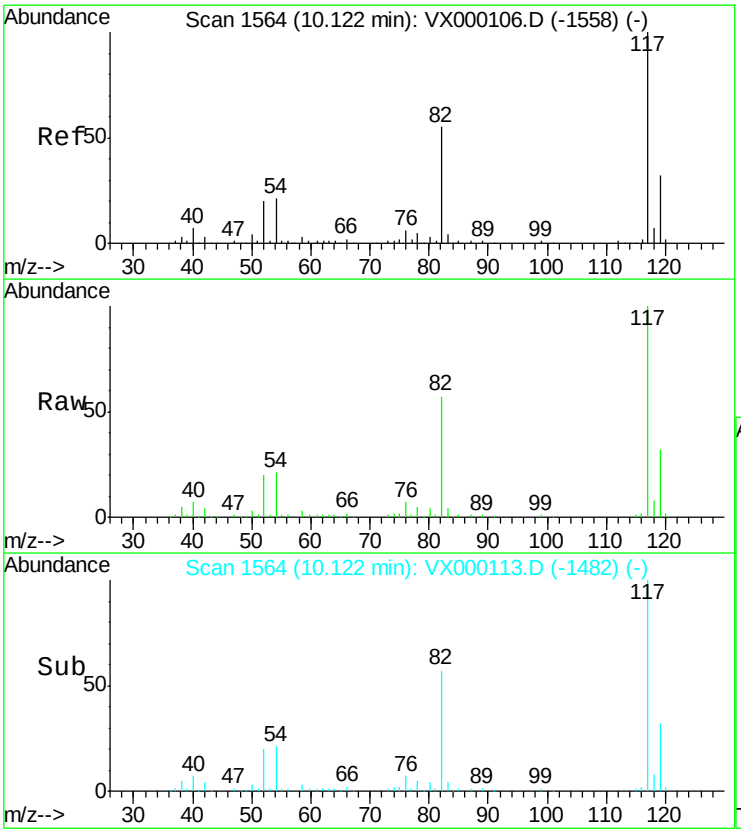
#56
Bromoform
Concen: 0.31 ug/l
RT: 11.15 min Scan# 1733
Delta R.T. 0.29 min
Lab File: VX000113.D
Acq: 20 Feb 2018 17:55

Instrument : MSVOA_X
ClientSampleId : VX0220WBL01

Tgt Ion:173 Resp: 249

Ion	Ratio	Lower	Upper
173	100		
175	894.8	39.0	58.4#
254	0.0	7.0	10.4#

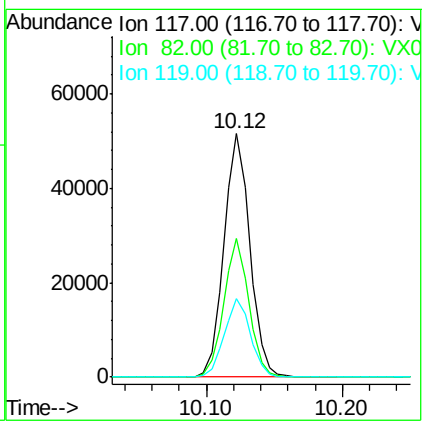


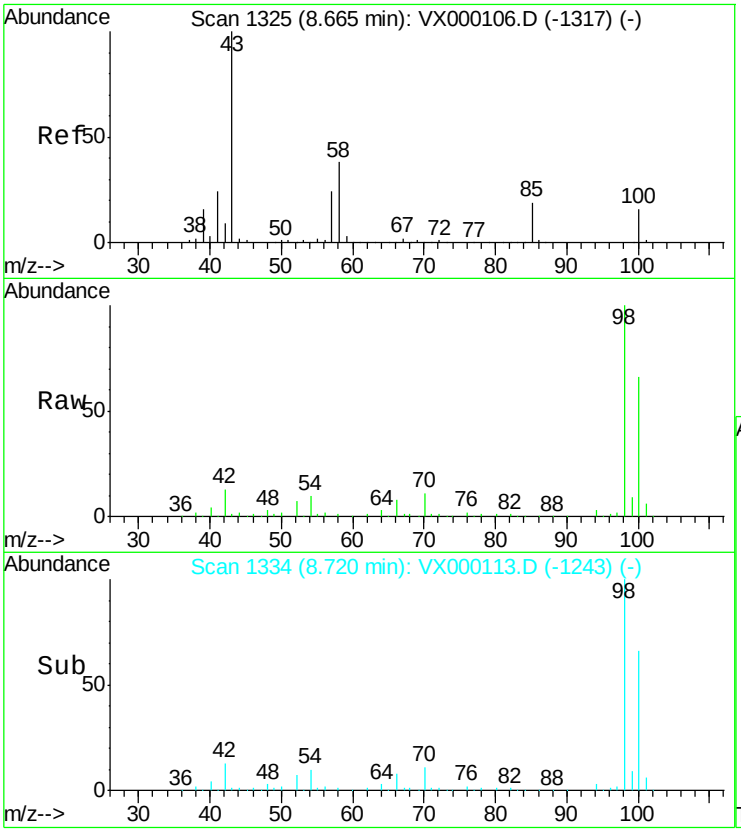


#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX000113.D
Acq: 20 Feb 2018 17:55

Tgt Ion:117 Resp: 68302

Ion	Ratio	Lower	Upper
117	100		
82	54.8	43.0	64.4
119	32.4	25.8	38.8



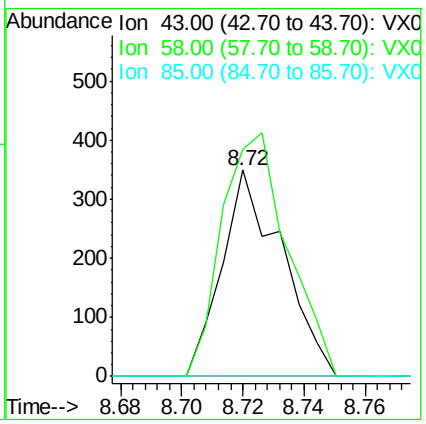


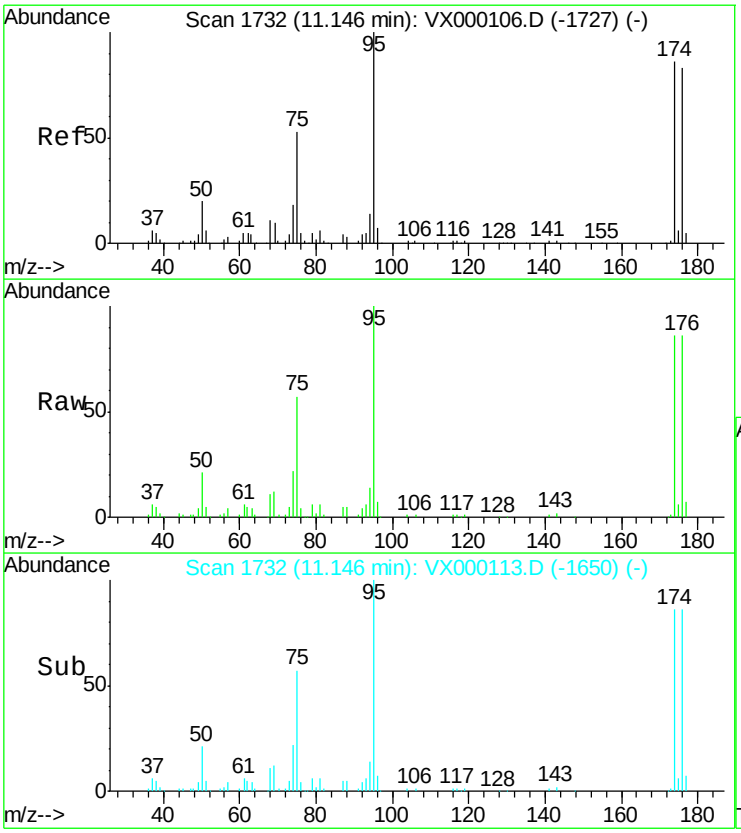
#58
4-Methyl-2-Pentanone
Concen: 0.32 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.06 min
Lab File: VX000113.D
Acq: 20 Feb 2018 17:55

Instrument : MSVOA_X
ClientSampleId : VX0220WBL01

Tgt Ion: 43 Resp: 474

Ion	Ratio	Lower	Upper
43	100		
58	129.7	29.8	44.8#
85	0.0	14.9	22.3#

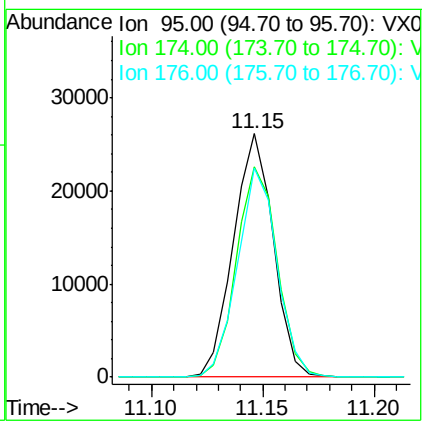


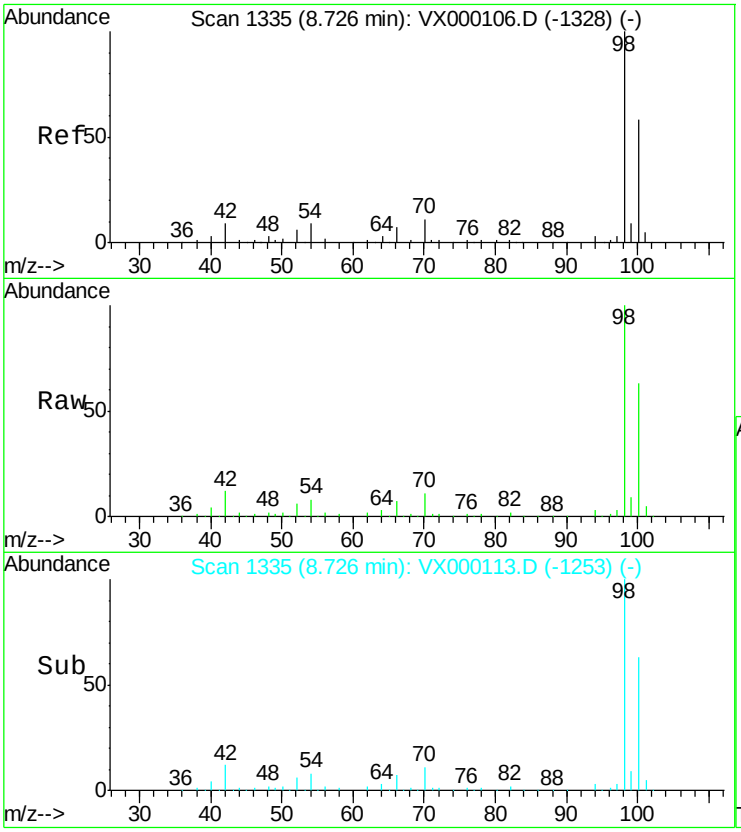


#60
4-Bromofluorobenzene
Concen: 29.33 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. 0.00 min
Lab File: VX000113.D
Acq: 20 Feb 2018 17:55

Tgt Ion: 95 Resp: 32774

Ion	Ratio	Lower	Upper
95	100		
174	88.0	71.1	106.7
176	84.9	69.3	103.9



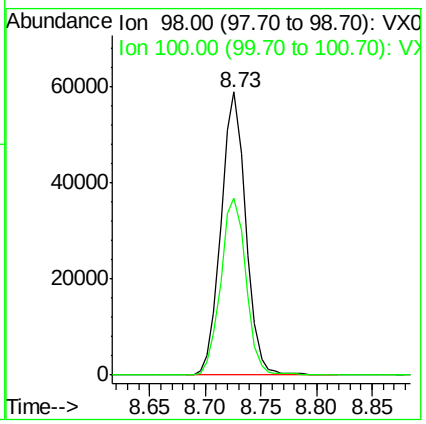


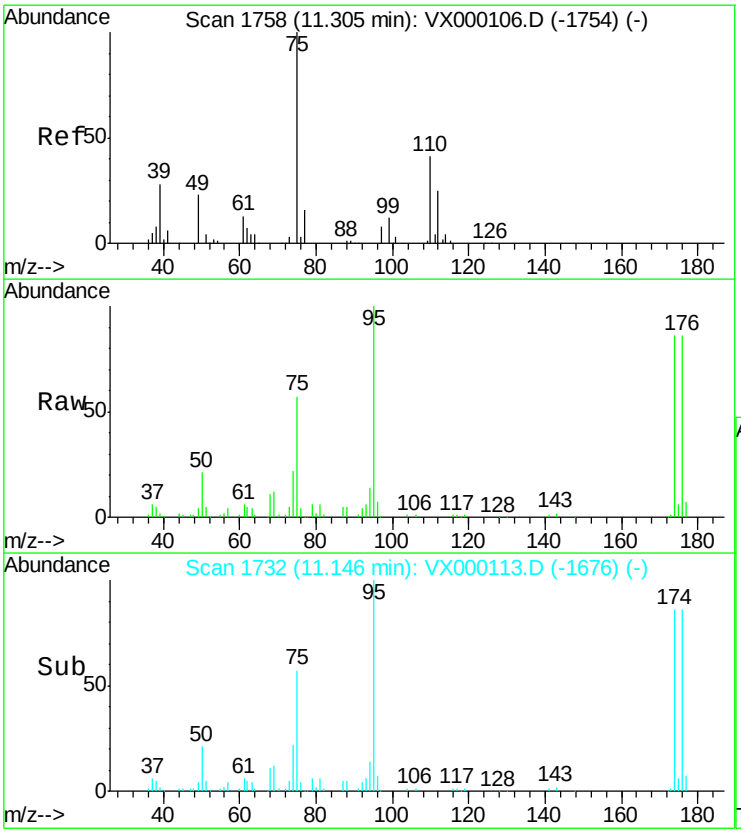
#63
Toluene-d8
Concen: 31.05 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. 0.00 min
Lab File: VX000113.D
Acq: 20 Feb 2018 17:55

Instrument :
MSVOA_X
ClientSampleId :
VX0220WBL01

Tgt Ion: 98 Resp: 90838

Ion	Ratio	Lower	Upper
98	100		
100	63.8	50.0	75.0

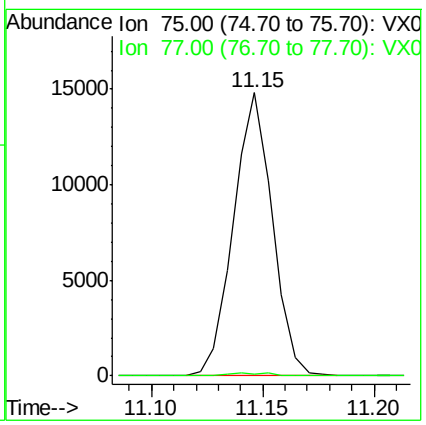


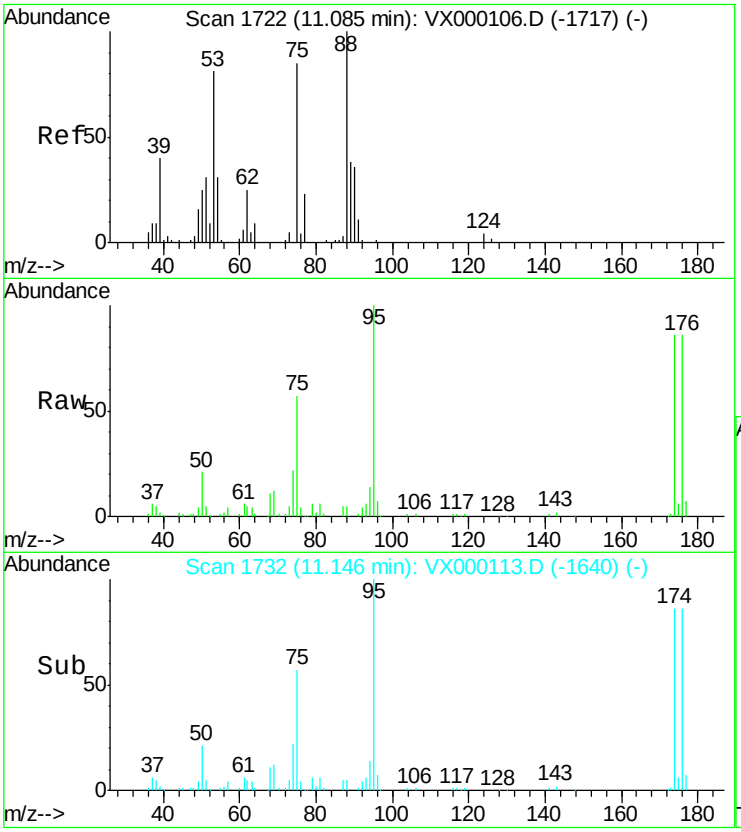


#72
1,2,3-Trichloropropane
Concen: 14.01 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. -0.16 min
Lab File: VX000113.D
Acq: 20 Feb 2018 17:55

Tgt Ion: 75 Resp: 18051

Ion	Ratio	Lower	Upper
75	100		
77	1.0	0.0	85.8



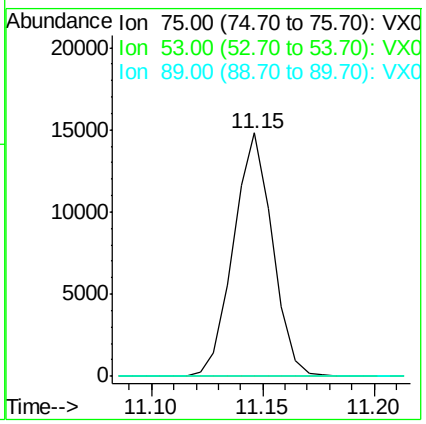


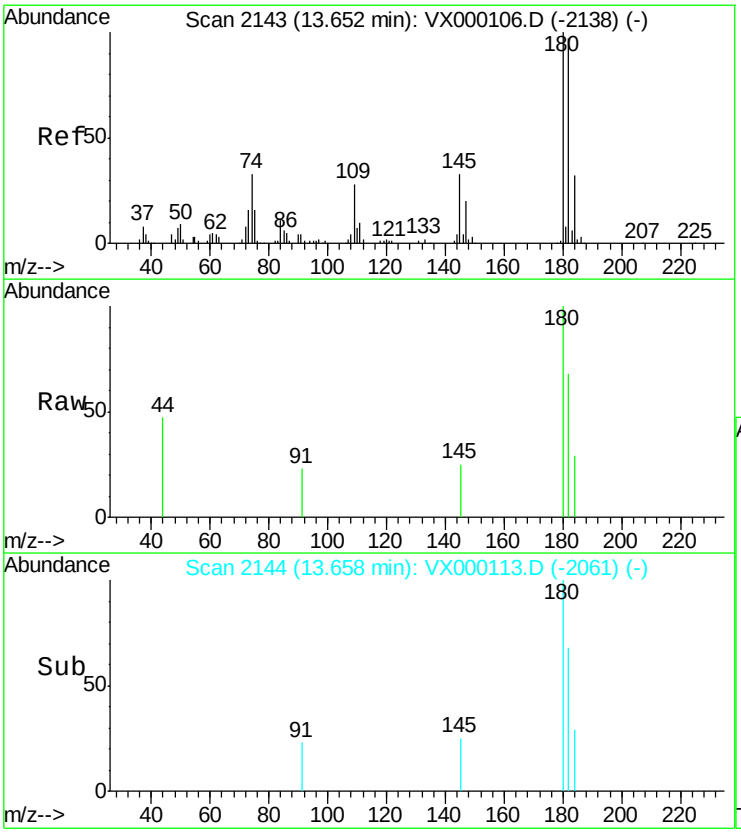
#77
t-1,4-Dichloro-2-butene
Concen: 39.61 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. 0.06 min
Lab File: VX000113.D
Acq: 20 Feb 2018 17:55

Instrument :
MSVOA_X
ClientSampleId :
VX0220WBL01

Tgt Ion: 75 Resp: 18051

Ion	Ratio	Lower	Upper
75	100		
53	0.0	47.8	143.3#
89	0.0	22.3	66.8#





#89
1,2,4-Trichlorobenzene
Concen: 0.21 ug/l
RT: 13.66 min Scan# 2144
Delta R.T. 0.01 min
Lab File: VX000113.D
Acq: 20 Feb 2018 17:55

Tgt Ion:180 Resp: 317

Ion	Ratio	Lower	Upper
180	100		
182	99.4	76.3	114.5
145	27.1	24.6	37.0