Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX030818\
Data File : VX000215.D
Acq On : 08 Mar 2018 10:29
Operator : JC/MD
Sample : VX0308WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : VX0308WBL01

Quant Time: Mar 08 15:49:20 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	24647	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.87	114	148995	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	140356	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	6.07	65	61361	32.17	ug/l	-0.01
Spiked Amount 30.000	Range 50 - 169		Recovery = 107.23%			
60) 4-Bromofluorobenzene	11.15	95	67076	29.21	ug/l	0.00
Spiked Amount 30.000	Range 56 - 143		Recovery = 97.37%			
63) Toluene-d8	8.72	98	187053	31.11	ug/l	0.00
Spiked Amount 30.000	Range 66 - 137		Recovery = 103.70%			
Target Compounds						Qvalue
6) Chloroethane	1.93	64	266	0.228	ug/l	91
13) Acrolein	2.40	56	105	0.296	ug/l	88
15) Acetone	2.45	58	98	0.236	ug/l #	1
51) Ethyl methacrylate	8.73	69	605	0.224	ug/l #	52
77) t-1,4-Dichloro-2-butene	11.15	75	38085	40.670	ug/l #	11

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

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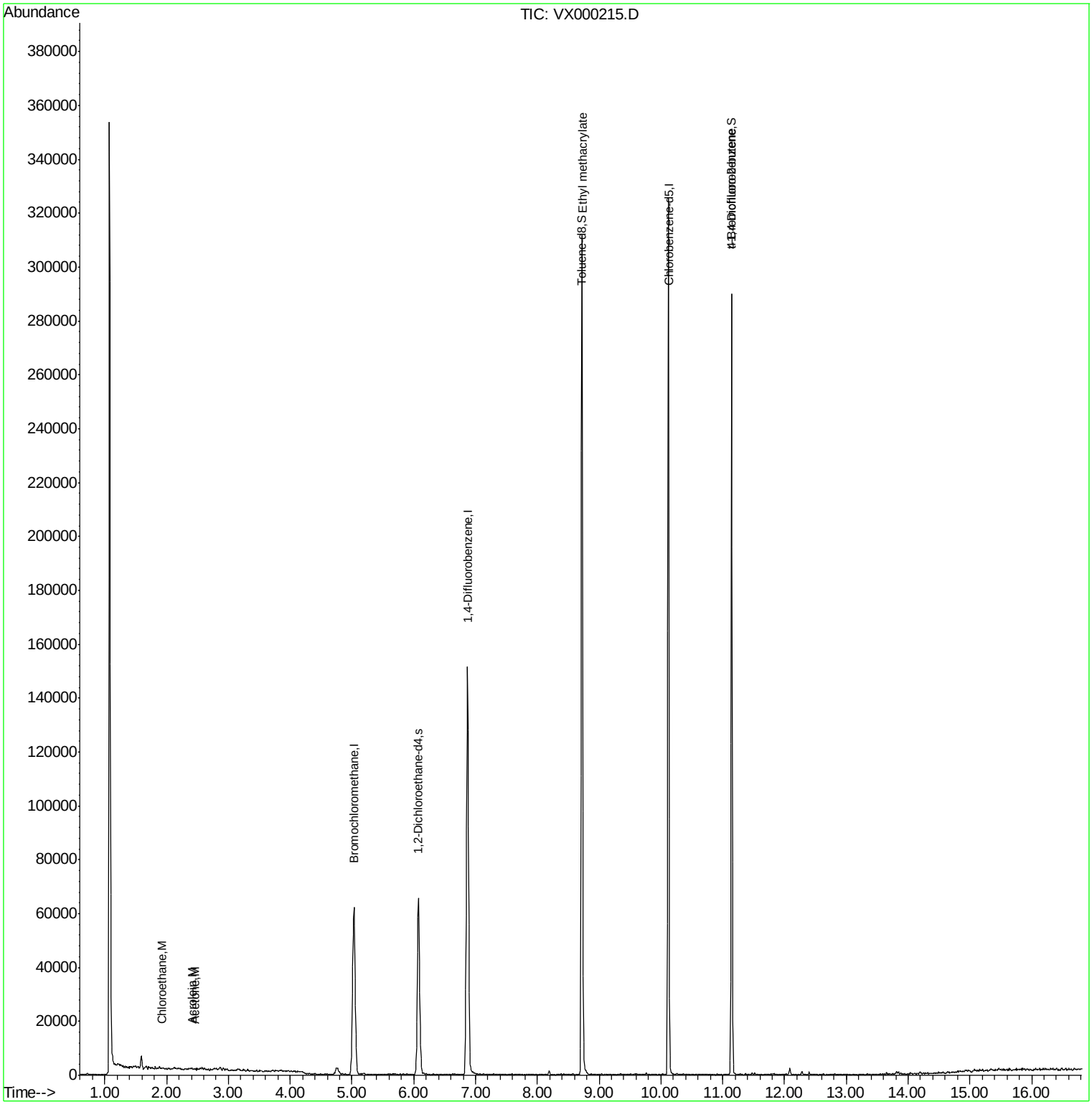
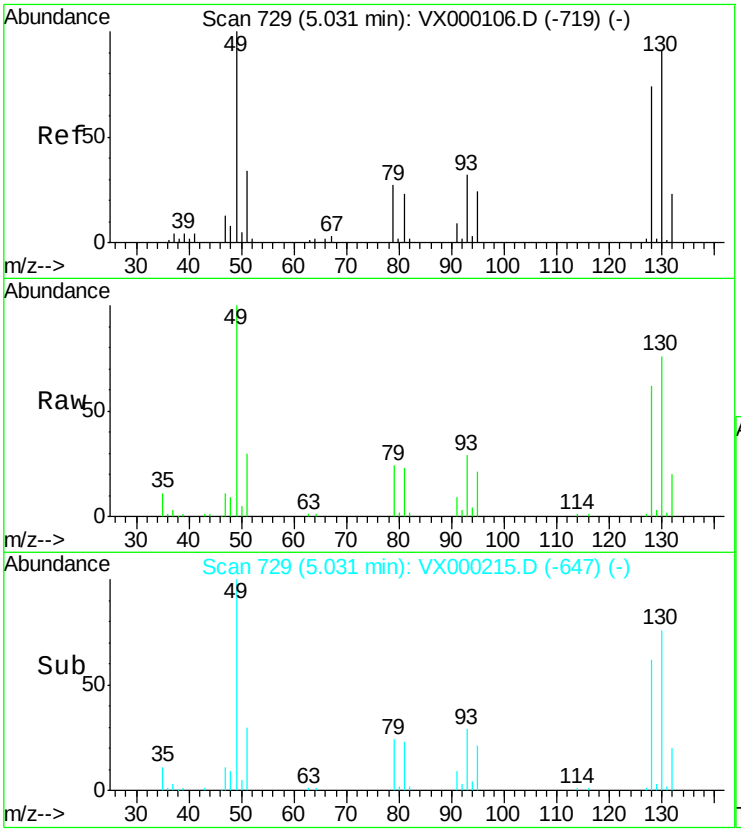


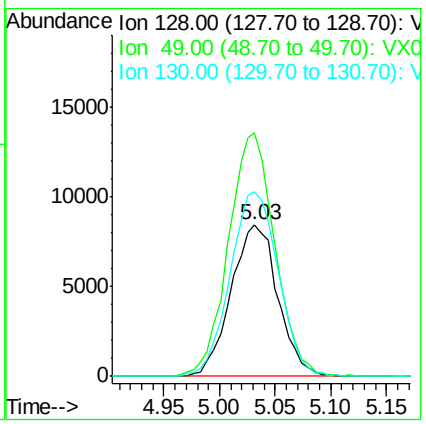


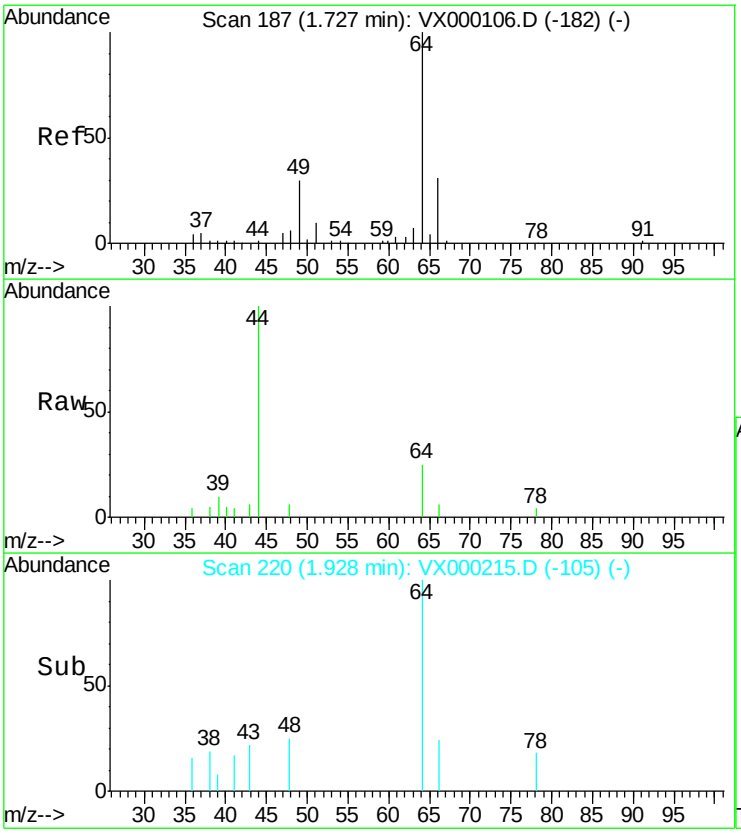
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 5.03 min Scan# 729
Delta R.T. 0.00 min
Lab File: VX000215.D
Acq: 08 Mar 2018 10:29

Instrument : MSVOA_X
ClientSampleId : VX0308WBL01

Tgt Ion:128 Resp: 24647

Ion	Ratio	Lower	Upper
128	100		
49	159.2	0.0	378.3
130	125.6	0.0	324.3

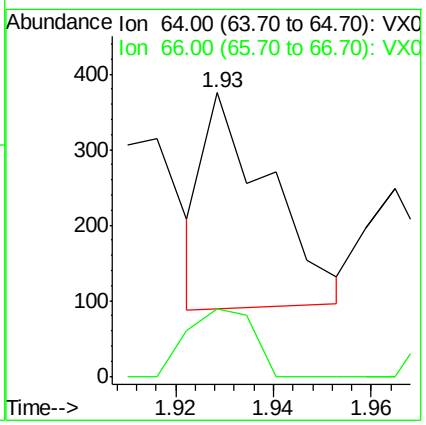


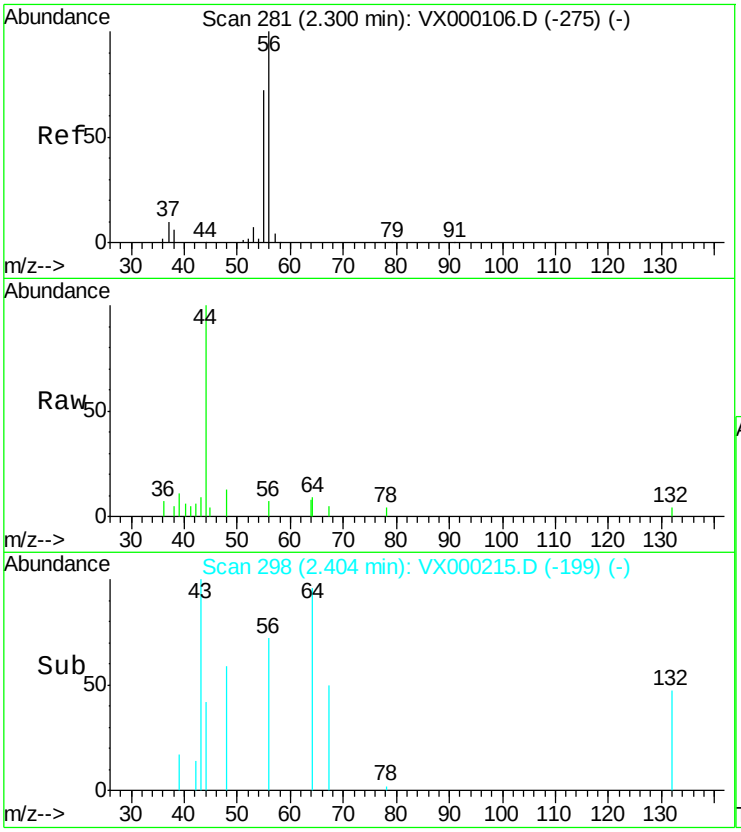


#6
Chloroethane
Concen: 0.228 ug/l
RT: 1.93 min Scan# 220
Delta R.T. 0.20 min
Lab File: VX000215.D
Acq: 08 Mar 2018 10:29

Tgt Ion: 64 Resp: 266

Ion	Ratio	Lower	Upper
64	100		
66	36.6	25.2	37.8



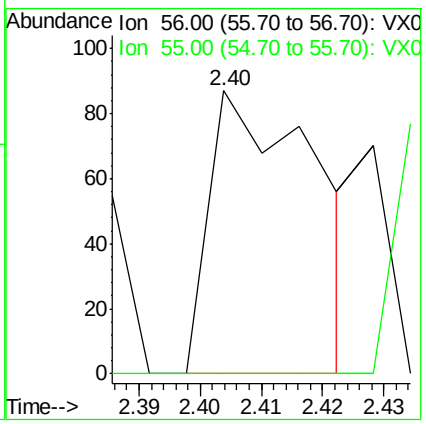


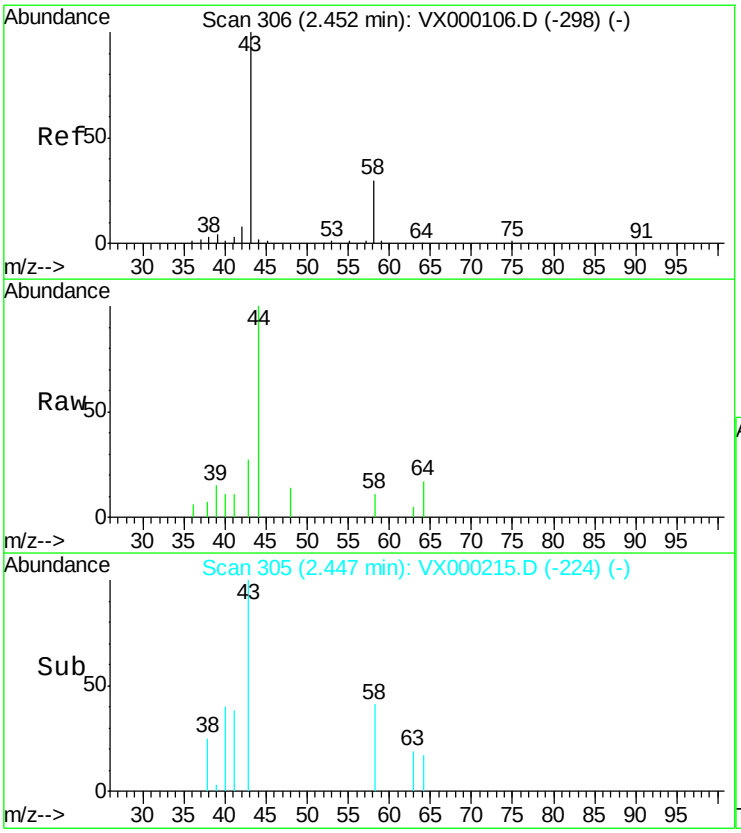
#13
Acrolein
Concen: 0.296 ug/l
RT: 2.40 min Scan# 298
Delta R.T. 0.10 min
Lab File: VX000215.D
Acq: 08 Mar 2018 10:29

Instrument : MSVOA_X
ClientSampleId : VX0308WBL01

Tgt Ion: 56 Resp: 105

Ion	Ratio	Lower	Upper
56	100		
55	61.9	57.3	85.9

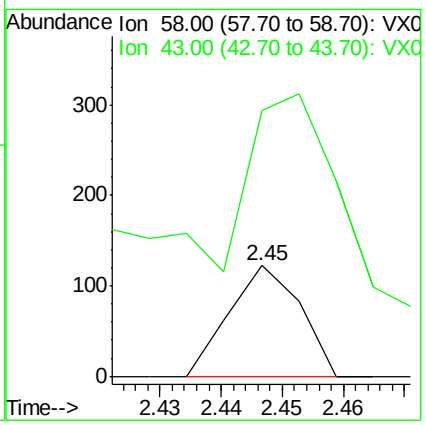


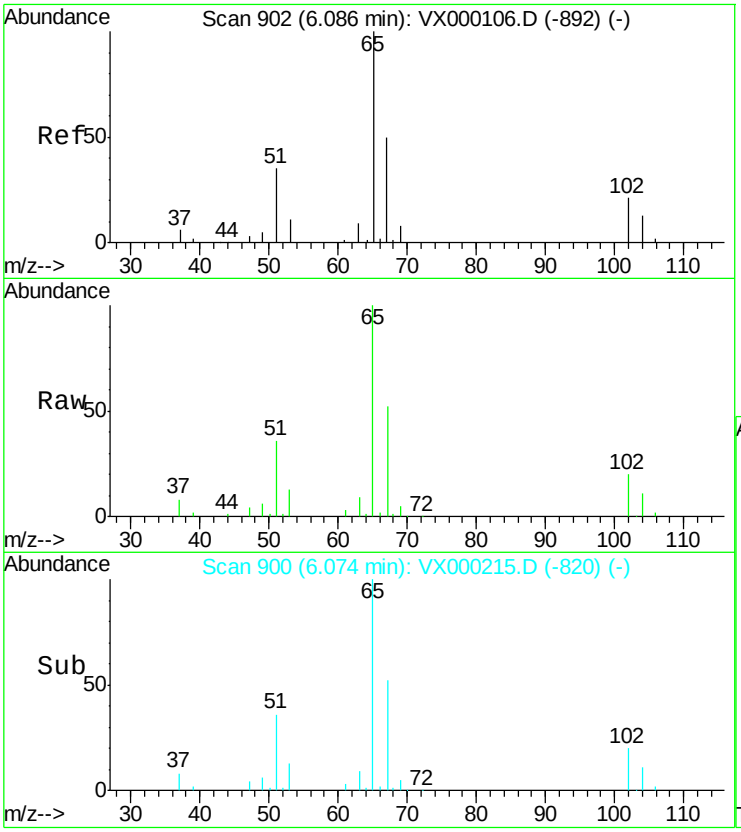


#15
Acetone
Concen: 0.236 ug/l
RT: 2.45 min Scan# 305
Delta R.T. -0.01 min
Lab File: VX000215.D
Acq: 08 Mar 2018 10:29

Tgt Ion: 58 Resp: 98

Ion	Ratio	Lower	Upper
58	100		
43	111.5	264.6	396.8#



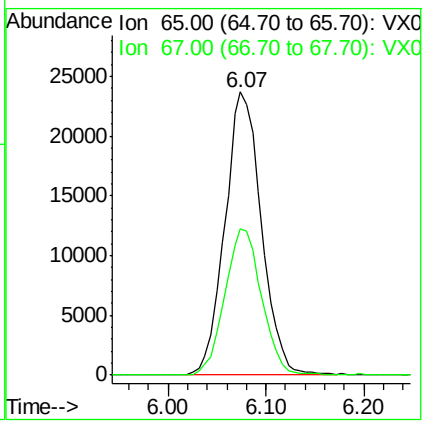


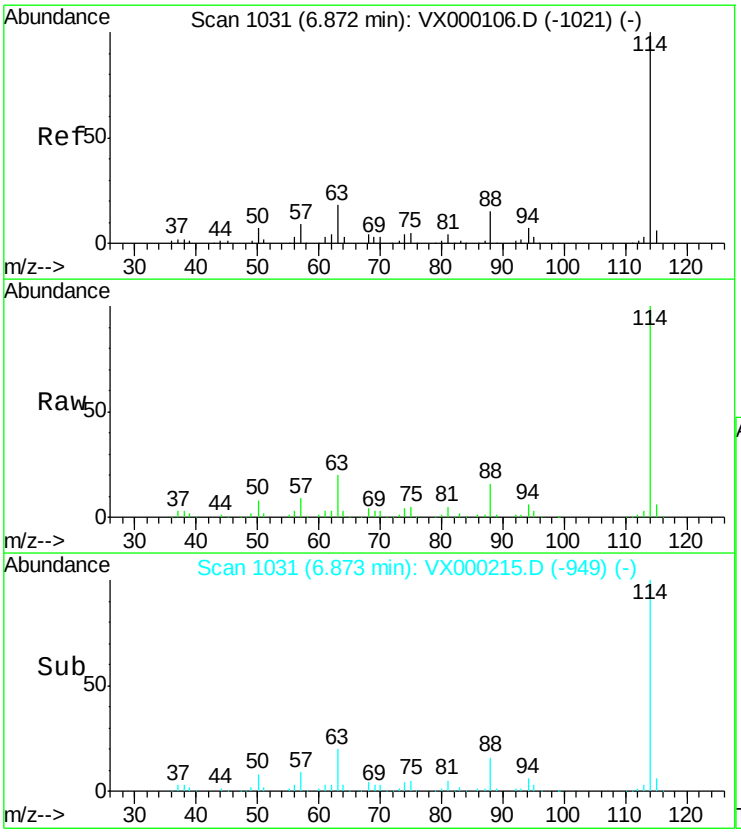
#27
1,2-Dichloroethane-d4
Concen: 32.168 ug/l
RT: 6.07 min Scan# 900
Delta R.T. -0.01 min
Lab File: VX000215.D
Acq: 08 Mar 2018 10:29

Instrument :
MSVOA_X
ClientSampleId :
VX0308WBL01

Tgt Ion: 65 Resp: 61361

Ion	Ratio	Lower	Upper
65	100		
67	51.8	41.4	62.2

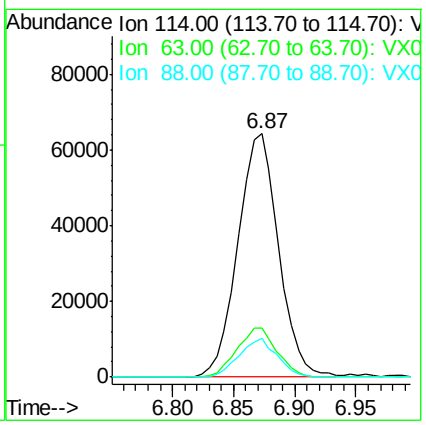


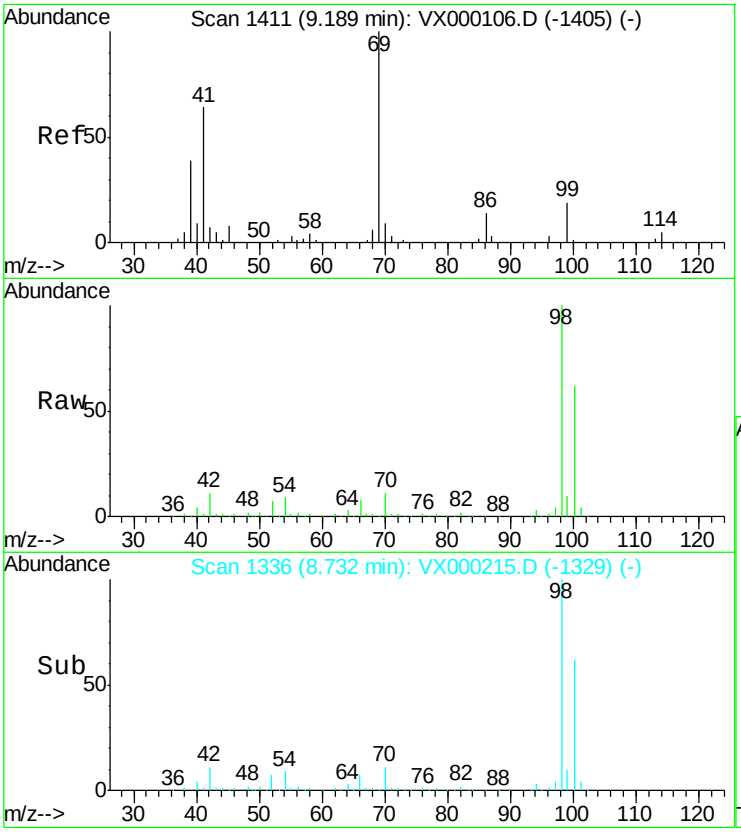


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.87 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VX000215.D
Acq: 08 Mar 2018 10:29

Tgt Ion:114 Resp: 148995

Ion	Ratio	Lower	Upper
114	100		
63	19.9	15.0	22.4
88	14.8	11.8	17.8



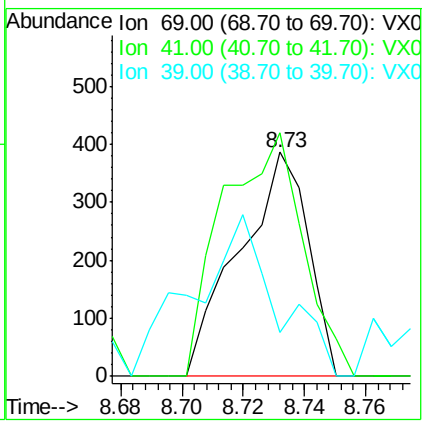


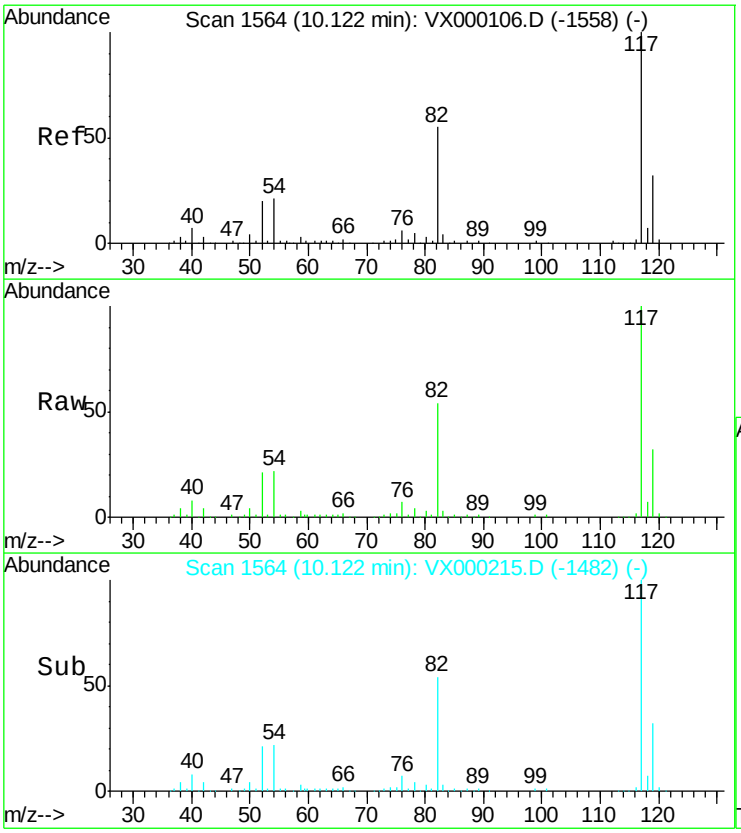
#51
Ethyl methacrylate
Concen: 0.224 ug/l
RT: 8.73 min Scan# 1336
Delta R.T. -0.46 min
Lab File: VX000215.D
Acq: 08 Mar 2018 10:29

Instrument : MSVOA_X
ClientSampleId : VX0308WBL01

Tgt Ion: 69 Resp: 605

Ion	Ratio	Lower	Upper
69	100		
41	108.8	32.1	96.3#
39	19.4	19.6	58.7#

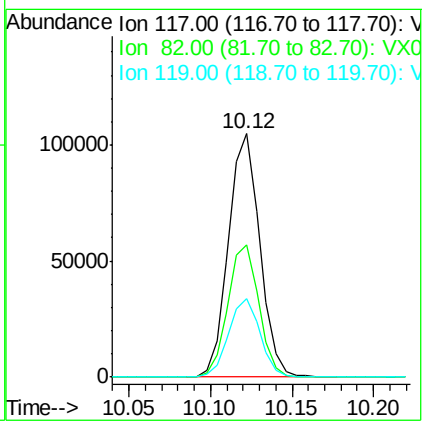


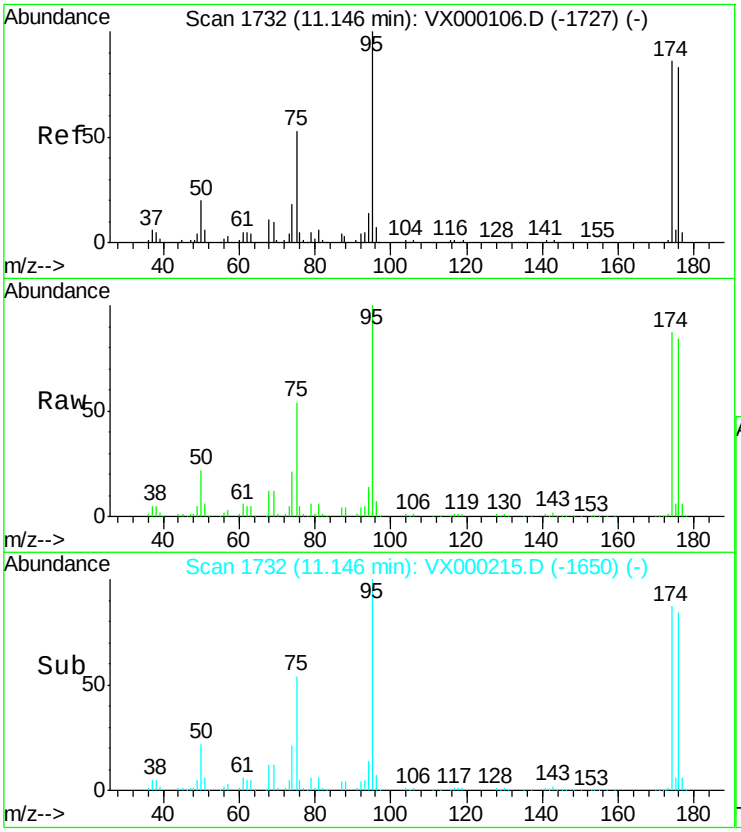


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX000215.D
Acq: 08 Mar 2018 10:29

Tgt Ion:117 Resp: 140356

Ion	Ratio	Lower	Upper
117	100		
82	53.9	43.0	64.4
119	32.1	25.8	38.8



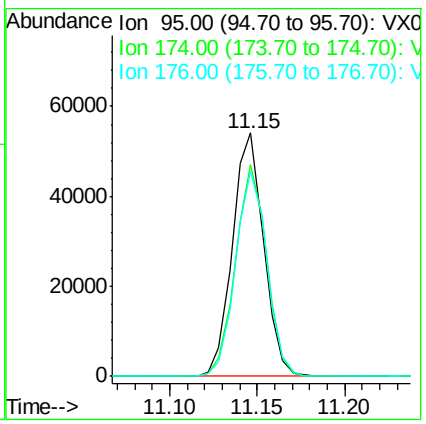


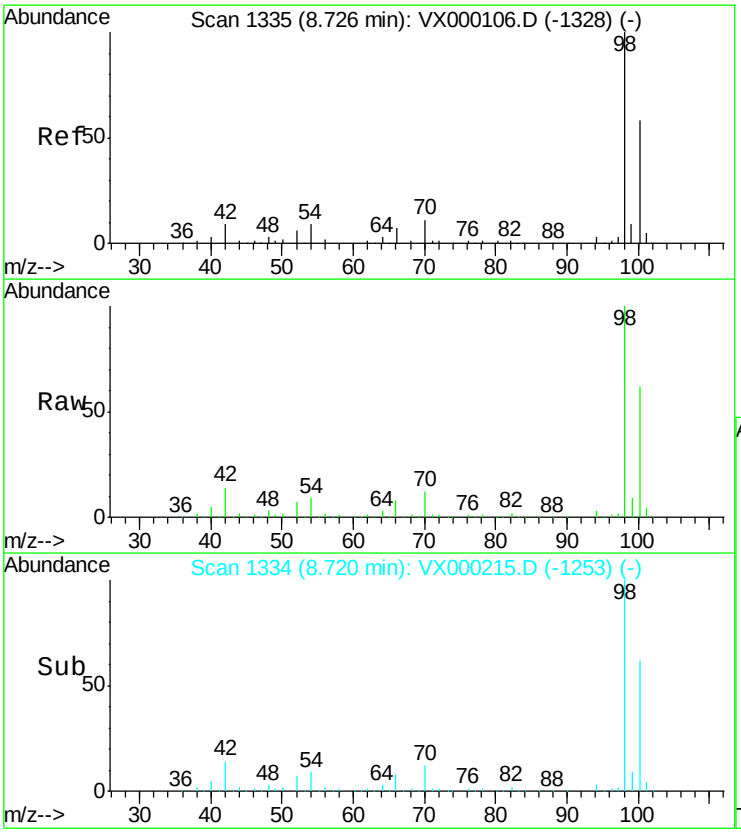
#60
4-Bromofluorobenzene
Concen: 29.212 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. 0.00 min
Lab File: VX000215.D
Acq: 08 Mar 2018 10:29

Instrument :
MSVOA_X
ClientSampleId :
VX0308WBL01

Tgt Ion: 95 Resp: 67076

Ion	Ratio	Lower	Upper
95	100		
174	86.5	71.1	106.7
176	84.2	69.3	103.9

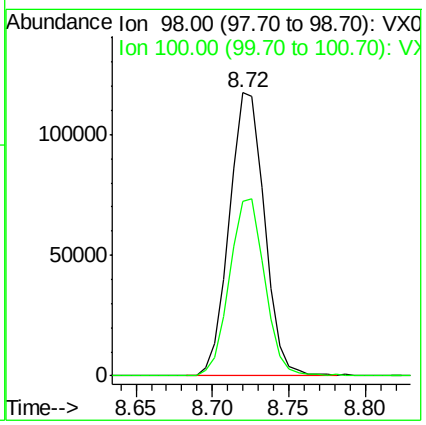


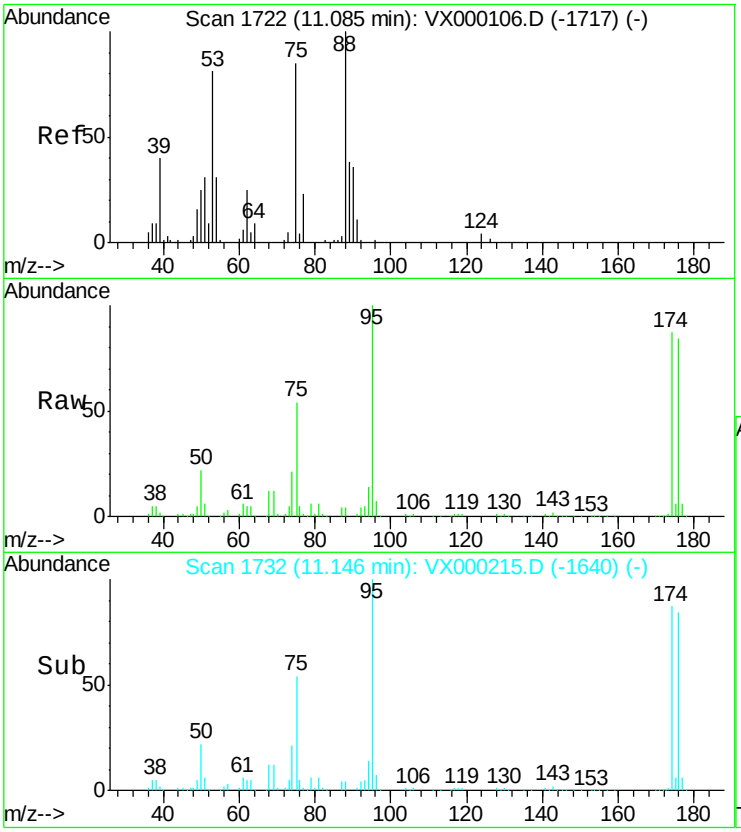


#63
Toluene-d8
Concen: 31.113 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.01 min
Lab File: VX000215.D
Acq: 08 Mar 2018 10:29

Tgt Ion: 98 Resp: 187053

Ion	Ratio	Lower	Upper
98	100		
100	62.5	50.0	75.0





#77
t-1,4-Dichloro-2-butene
Concen: 40.670 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. 0.06 min
Lab File: VX000215.D
Acq: 08 Mar 2018 10:29

Instrument :
MSVOA_X
ClientSampleId :
VX0308WBL01

Tgt Ion: 75 Resp: 38085

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