Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX041720\
Data File : VX015741.D
Acq On : 17 Apr 2020 16:24
Operator : JC/SP
Sample : L2326-01 5X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : EFF-WW

Quant Time: Apr 20 08:50:37 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X032520W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Mar 26 02:31:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.99	128	165150	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.84	114	952426	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	885547	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	6.03	65	385923	29.90	ug/l	0.00
Spiked Amount 30.000	Range 50 - 169		Recovery = 99.67%			
60) 4-Bromofluorobenzene	11.12	95	446110	29.44	ug/l	0.00
Spiked Amount 30.000	Range 56 - 143		Recovery = 98.13%			
63) Toluene-d8	8.70	98	1116752	29.68	ug/l	0.00
Spiked Amount 30.000	Range 66 - 137		Recovery = 98.93%			
Target Compounds						Qvalue
15) Acetone	2.42	58	15053456	10508.865	ug/l #	1
18) Methylene Chloride	2.84	84	4984	0.494	ug/l #	80
20) Diisopropyl ether	3.83	45	25517321	700.764	ug/l #	79
30) 2-Butanone	4.65	43	58258	6.792	ug/l #	96
44) Isopropyl Acetate	6.42	43	251284	8.368	ug/l	97
58) 4-Methyl-2-Pentanone	8.62	43	560077	33.046	ug/l	94

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

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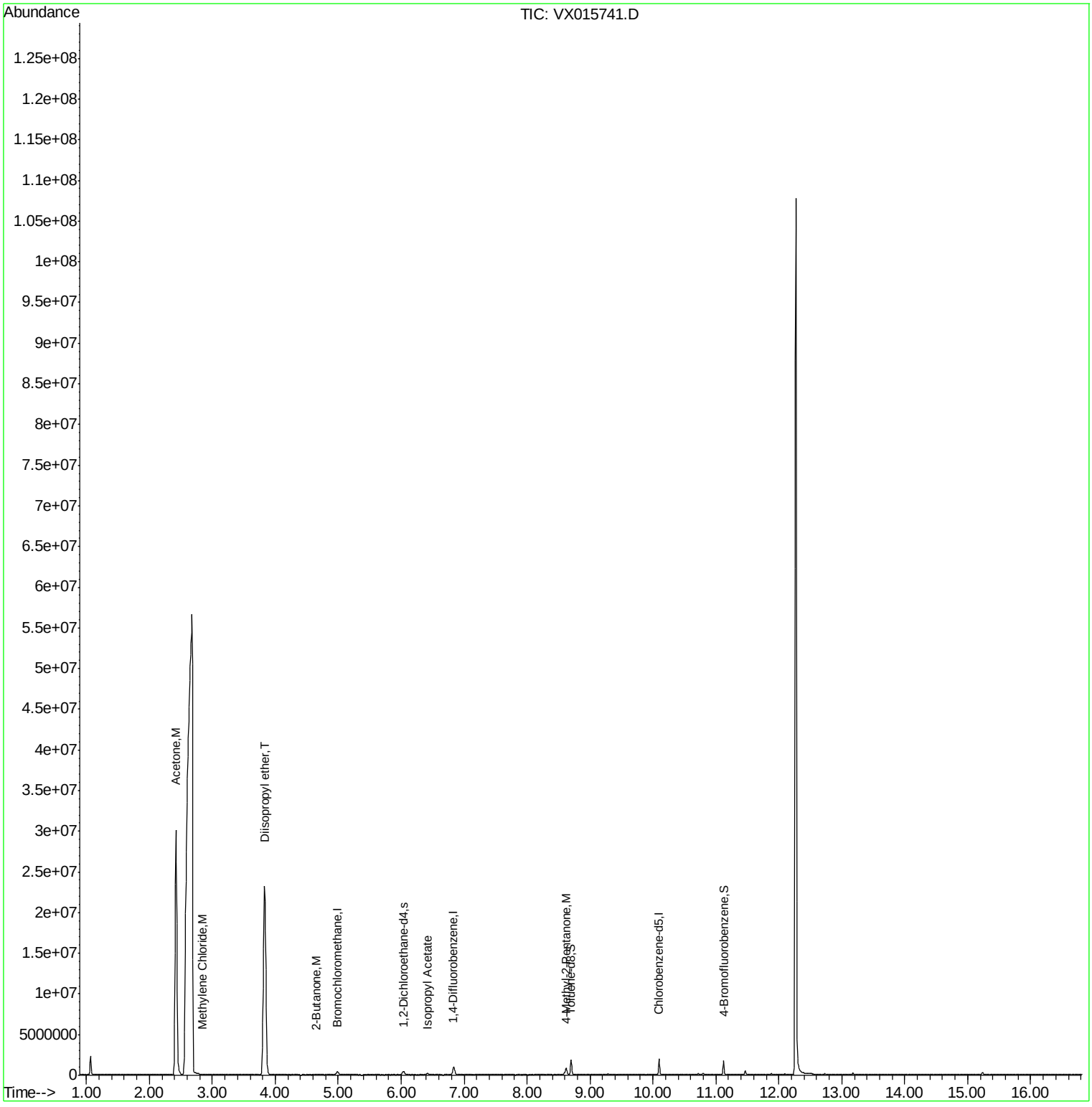
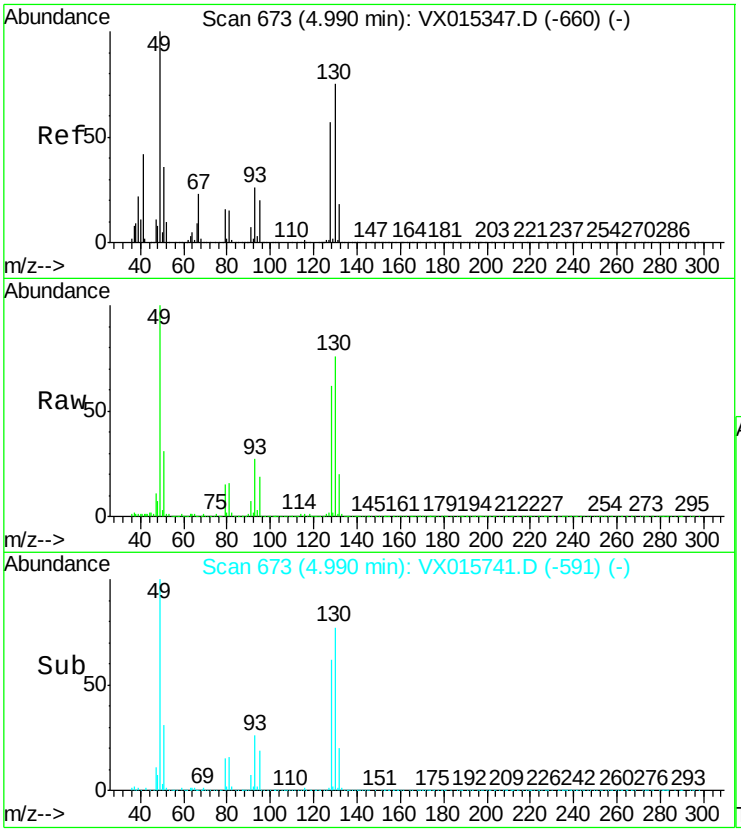


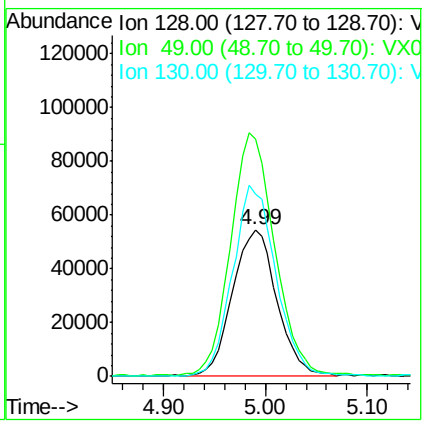


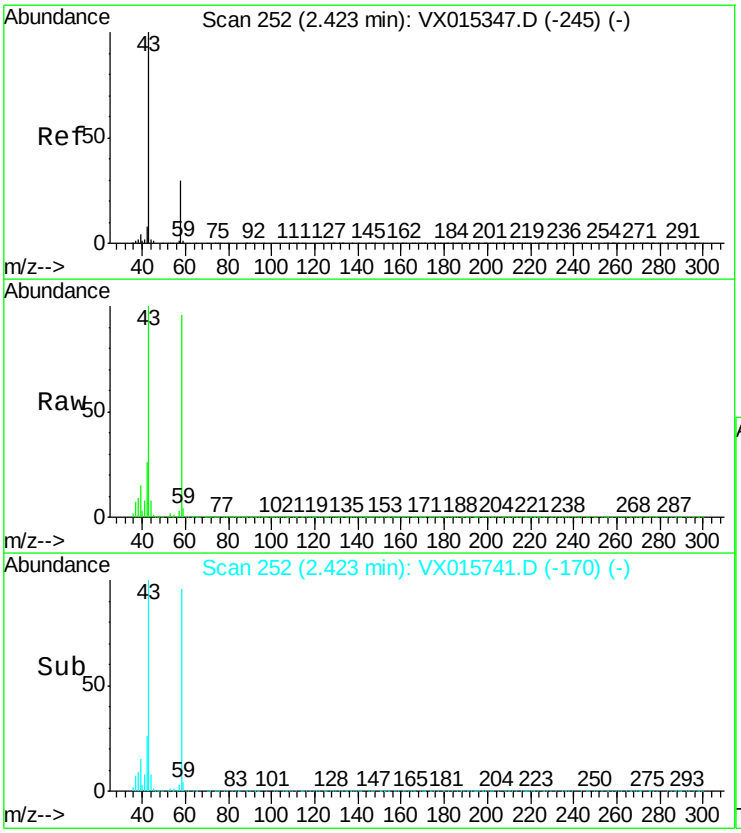
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.99 min Scan# 673
Delta R.T. -0.00 min
Lab File: VX015741.D
Acq: 17 Apr 2020 16:24

Instrument :
MSVOA_X
ClientSampleId :
EFF-WW

Tgt Ion:128 Resp: 165150

Ion	Ratio	Lower	Upper
128	100		
49	163.7	0.0	428.0
130	125.6	0.0	324.5

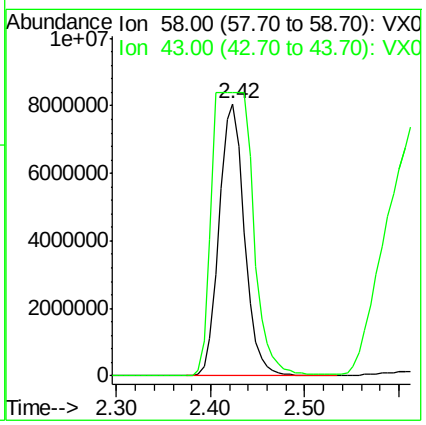


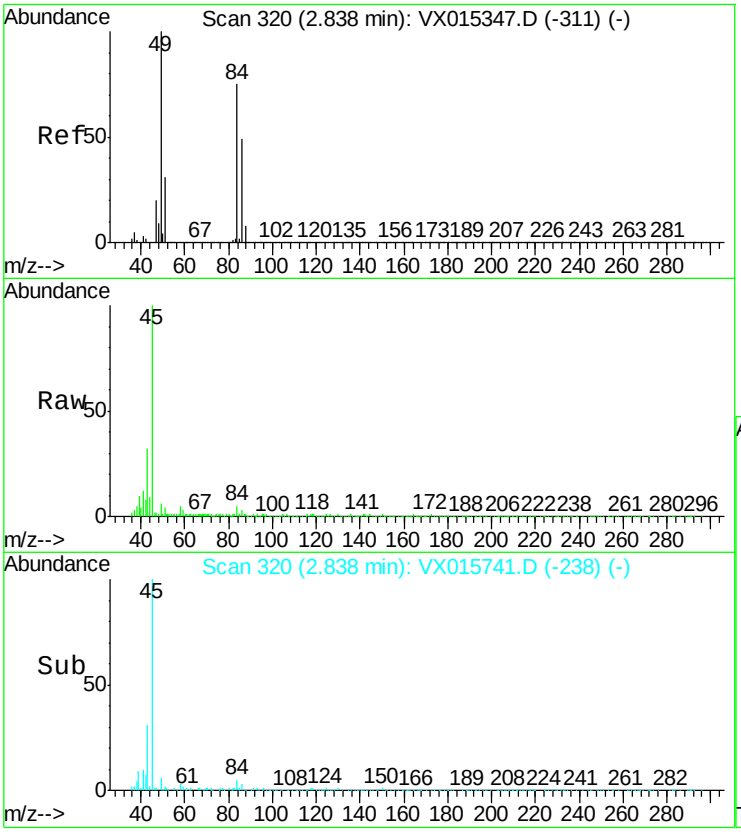


#15
Acetone
Concen: 10508.865 ug/l
RT: 2.42 min Scan# 252
Delta R.T. -0.00 min
Lab File: VX015741.D
Acq: 17 Apr 2020 16:24

Tgt Ion: 58 Resp:15053456

Ion	Ratio	Lower	Upper
58	100		
43	104.1	267.8	401.8#



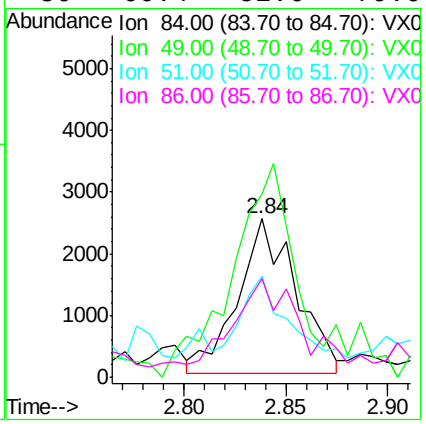


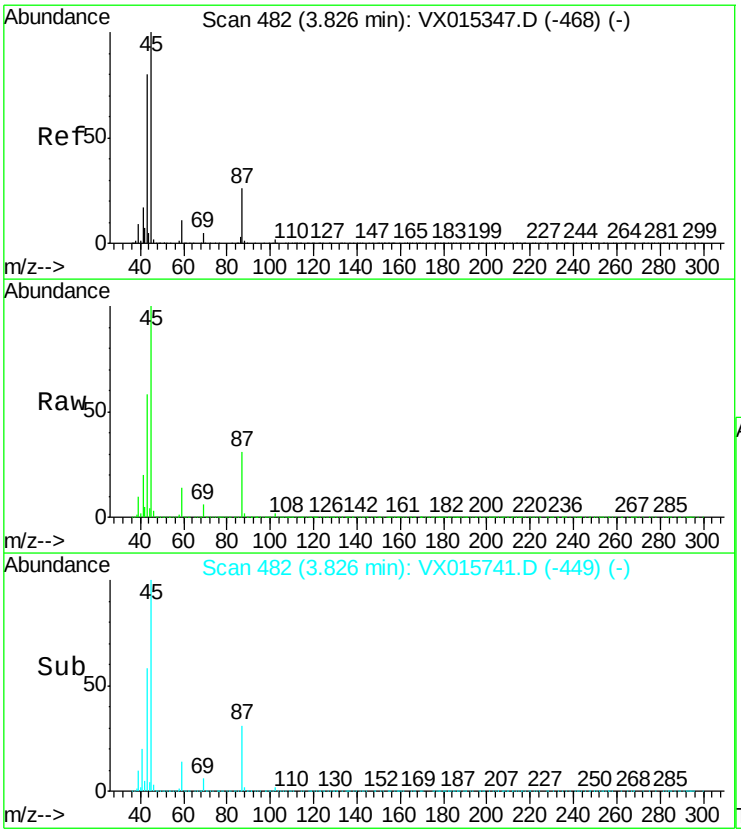
#18
Methylene Chloride
Concen: 0.494 ug/l
RT: 2.84 min Scan# 320
Delta R.T. -0.00 min
Lab File: VX015741.D
Acq: 17 Apr 2020 16:24

Instrument : MSVOA_X
ClientSampleId : EFF-WW

Tgt Ion: 84 Resp: 4984

Ion	Ratio	Lower	Upper
84	100		
49	100.0	107.0	160.4#
51	51.5	33.4	50.0#
86	60.4	52.6	79.0

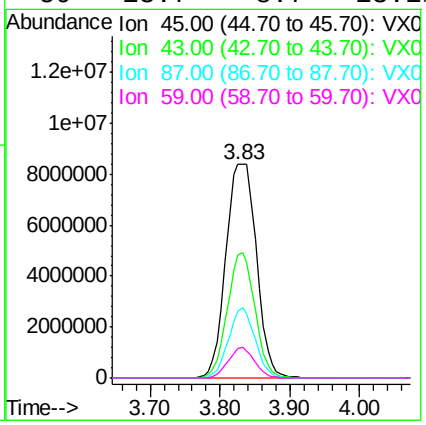


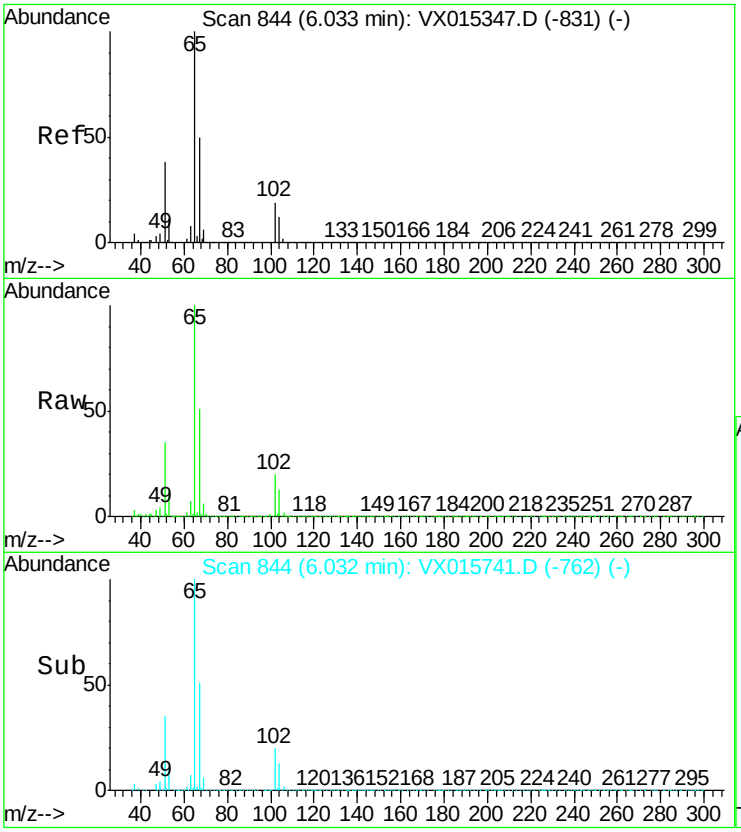


#20
Diisopropyl ether
Concen: 700.764 ug/l
RT: 3.83 min Scan# 482
Delta R.T. -0.00 min
Lab File: VX015741.D
Acq: 17 Apr 2020 16:24

Tgt Ion: 45 Resp:25517321

Ion	Ratio	Lower	Upper
45	100		
43	57.6	64.4	96.6#
87	31.2	20.4	30.6#
59	13.7	8.7	13.1#



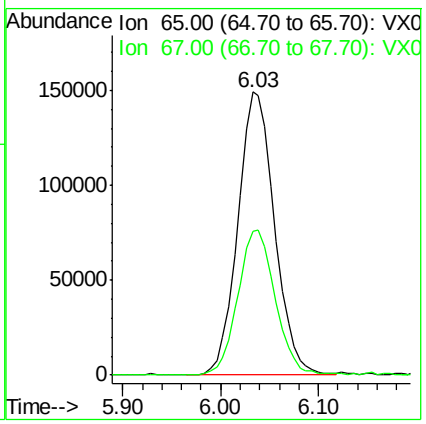


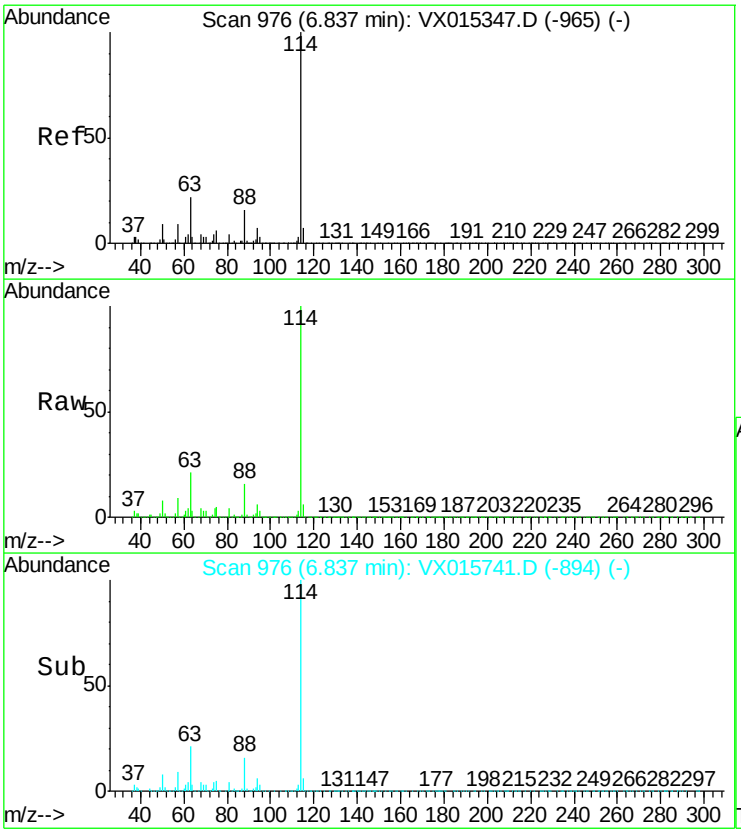
#27
1,2-Dichloroethane-d4
Concen: 29.904 ug/l
RT: 6.03 min Scan# 844
Delta R.T. -0.00 min
Lab File: VX015741.D
Acq: 17 Apr 2020 16:24

Instrument :
MSVOA_X
ClientSampleId :
EFF-WW

Tgt Ion: 65 Resp: 385923

Ion	Ratio	Lower	Upper
65	100		
67	52.3	40.9	61.3

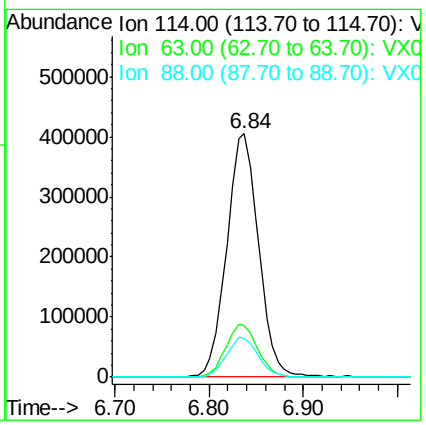


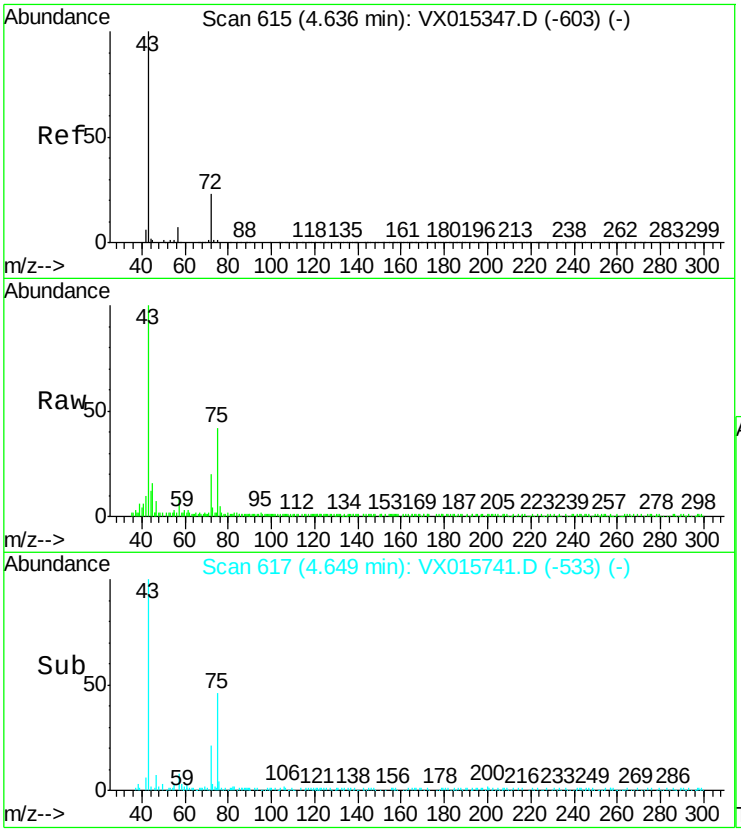


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.84 min Scan# 976
Delta R.T. -0.00 min
Lab File: VX015741.D
Acq: 17 Apr 2020 16:24

Tgt Ion:114 Resp: 952426

Ion	Ratio	Lower	Upper
114	100		
63	21.5	17.4	26.2
88	16.3	12.9	19.3



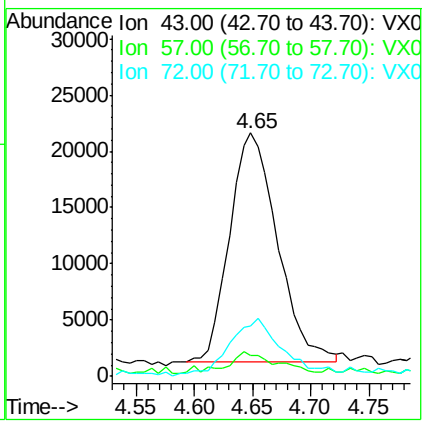


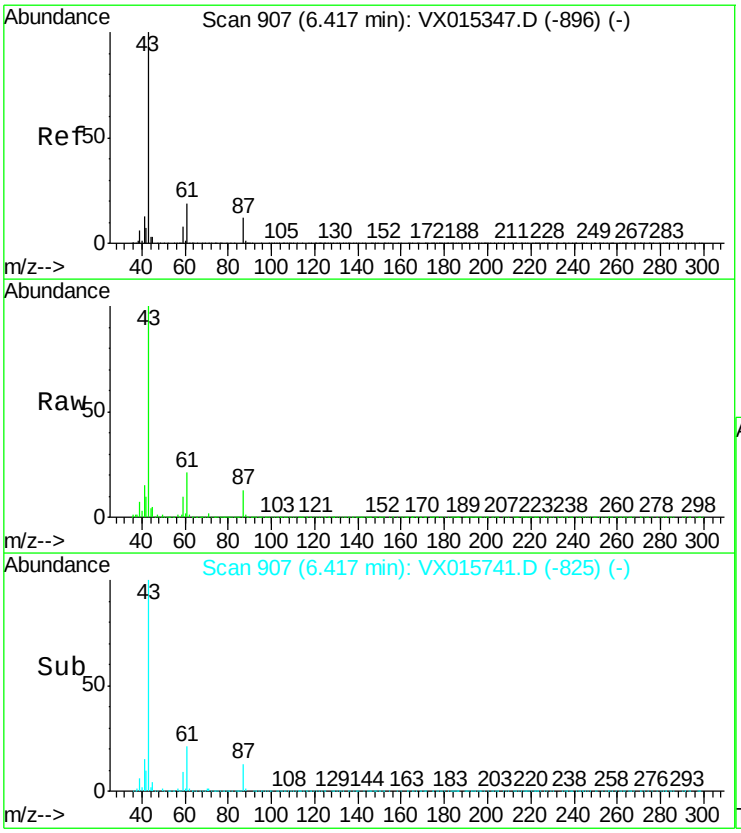
#30
2-Butanone
Concen: 6.792 ug/l
RT: 4.65 min Scan# 617
Delta R.T. 0.01 min
Lab File: VX015741.D
Acq: 17 Apr 2020 16:24

Instrument :
MSVOA_X
ClientSampleId :
EFF-WW

Tgt Ion: 43 Resp: 58258

Ion	Ratio	Lower	Upper
43	100		
57	3.7	5.9	8.9#
72	22.4	18.6	27.8

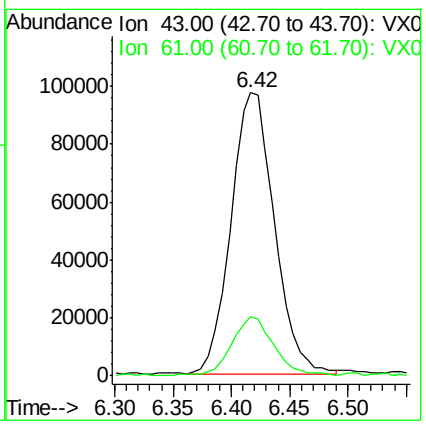


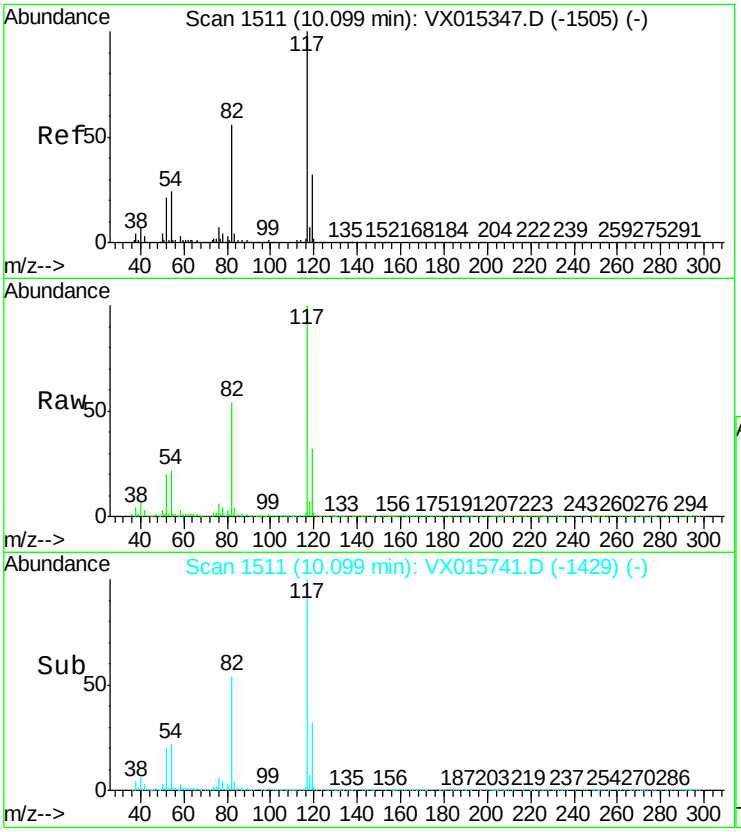


#44
Isopropyl Acetate
Concen: 8.368 ug/l
RT: 6.42 min Scan# 907
Delta R.T. -0.00 min
Lab File: VX015741.D
Acq: 17 Apr 2020 16:24

Tgt Ion: 43 Resp: 251284

Ion	Ratio	Lower	Upper
43	100		
61	19.8	14.6	22.0



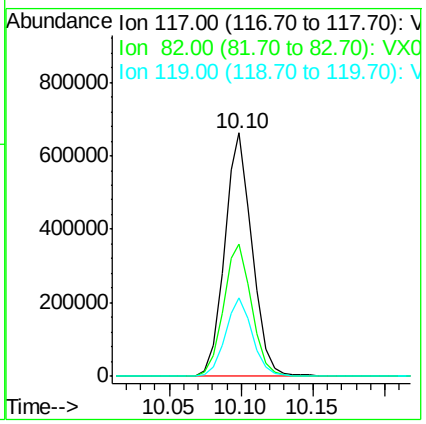


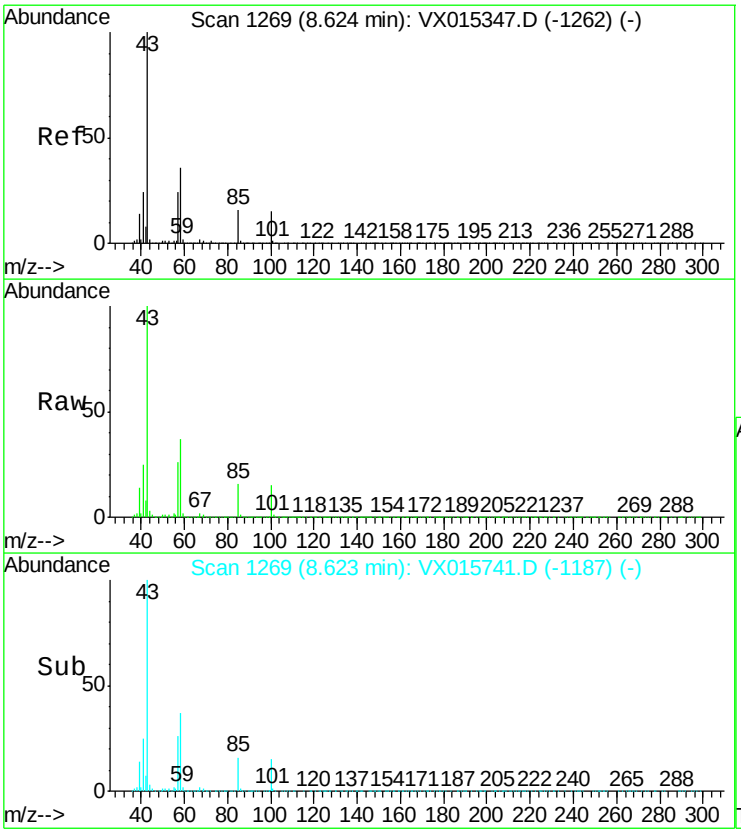
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. -0.00 min
Lab File: VX015741.D
Acq: 17 Apr 2020 16:24

Instrument : MSVOA_X
ClientSampleId : EFF-WW

Tgt Ion:117 Resp: 885547

Ion	Ratio	Lower	Upper
117	100		
82	55.5	45.0	67.6
119	31.9	25.5	38.3

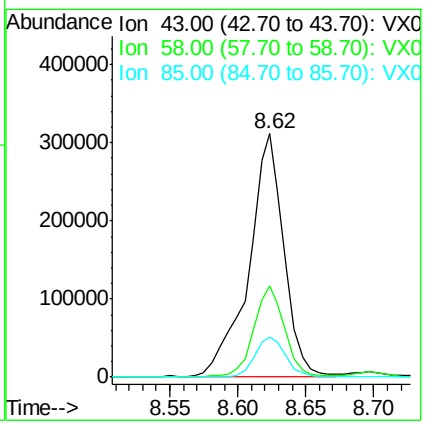


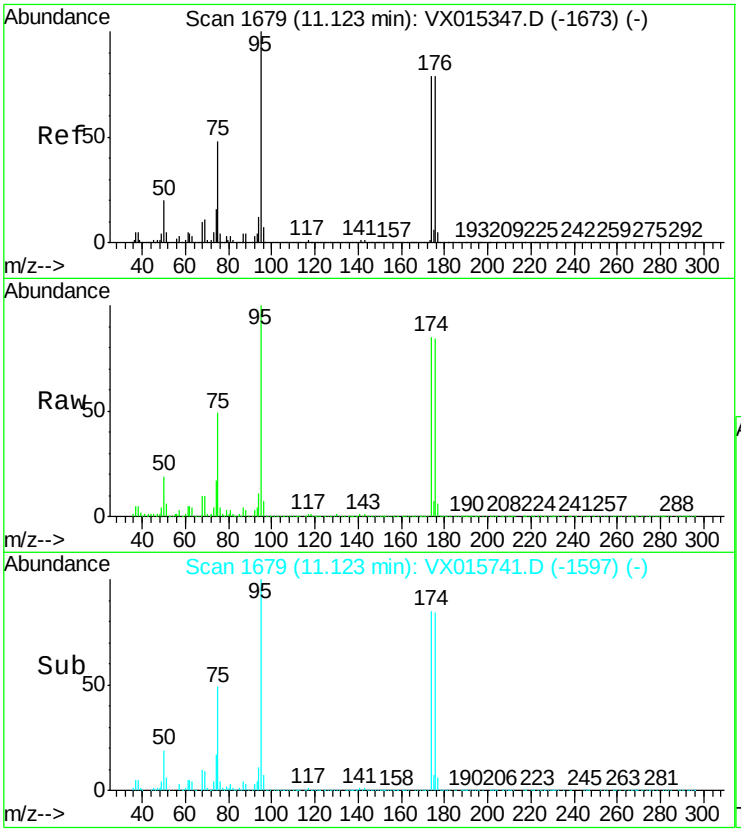


#58
4-Methyl-2-Pentanone
Concen: 33.046 ug/l
RT: 8.62 min Scan# 1269
Delta R.T. -0.00 min
Lab File: VX015741.D
Acq: 17 Apr 2020 16:24

Tgt Ion: 43 Resp: 560077

Ion	Ratio	Lower	Upper
43	100		
58	32.7	29.4	44.0
85	14.2	13.0	19.4



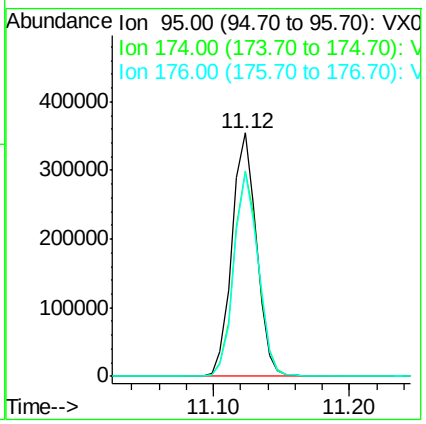


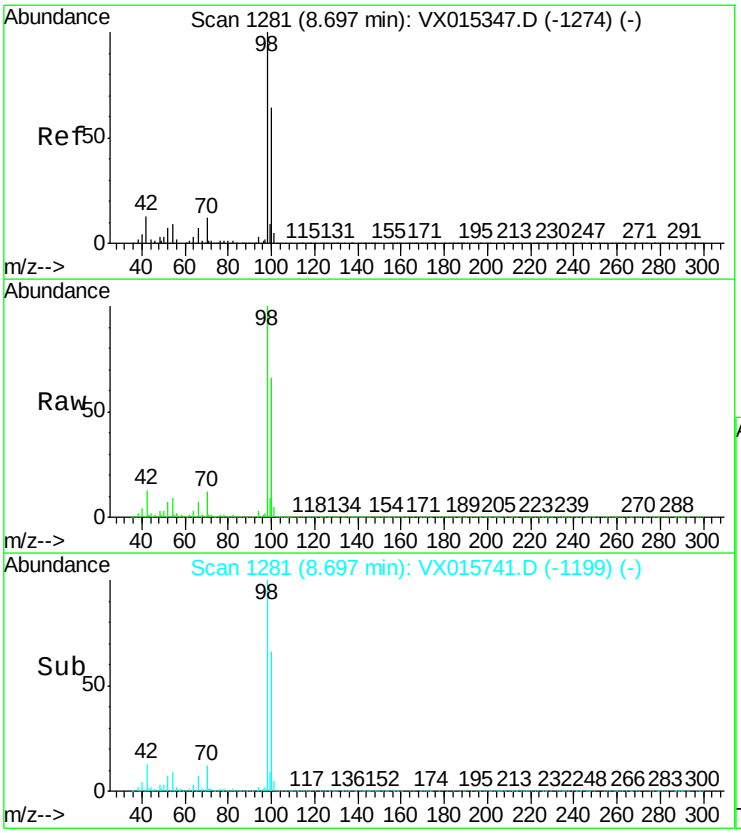
#60
4-Bromofluorobenzene
Concen: 29.436 ug/l
RT: 11.12 min Scan# 1679
Delta R.T. -0.00 min
Lab File: VX015741.D
Acq: 17 Apr 2020 16:24

Instrument :
MSVOA_X
ClientSampleId :
EFF-WW

Tgt Ion: 95 Resp: 446110

Ion	Ratio	Lower	Upper
95	100		
174	84.3	66.4	99.6
176	82.5	64.1	96.1





#63
Toluene-d8
Concen: 29.682 ug/l
RT: 8.70 min Scan# 1281
Delta R.T. -0.00 min
Lab File: VX015741.D
Acq: 17 Apr 2020 16:24

Tgt Ion: 98 Resp: 1116752

Ion	Ratio	Lower	Upper
98	100		
100	67.5	52.2	78.2