Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX020520\
Data File : VX014827.D
Acq On : 05 Feb 2020 17:04
Operator : JC/SP
Sample : L1392-02DL 50X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId :

Quant Time: Feb 06 03:08:21 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X011520W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Jan 15 12:41:12 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.01	128	65938	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.86	114	356599	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	318209	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	6.05	65	144604	31.20	ug/l	0.00
Spiked Amount 30.000	Range 50 - 169		Recovery = 104.00%			
60) 4-Bromofluorobenzene	11.13	95	139561	27.41	ug/l	0.00
Spiked Amount 30.000	Range 56 - 143		Recovery = 91.37%			
63) Toluene-d8	8.71	98	422439	29.39	ug/l	0.00
Spiked Amount 30.000	Range 66 - 137		Recovery = 97.97%			
Target Compounds						Qvalue
12) Methyl Acetate	2.76	43	2223	0.337	ug/l #	82
13) Acrolein	2.29	56	418	0.604	ug/l	86
15) Acetone	2.43	58	113161	149.604	ug/l	80
18) Methylene Chloride	2.85	84	2492	0.583	ug/l #	70
25) Chloroform	5.20	83	1878	0.267	ug/l	84
45) 1,4-Dioxane	7.29	88	307	3.172	ug/l	92

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

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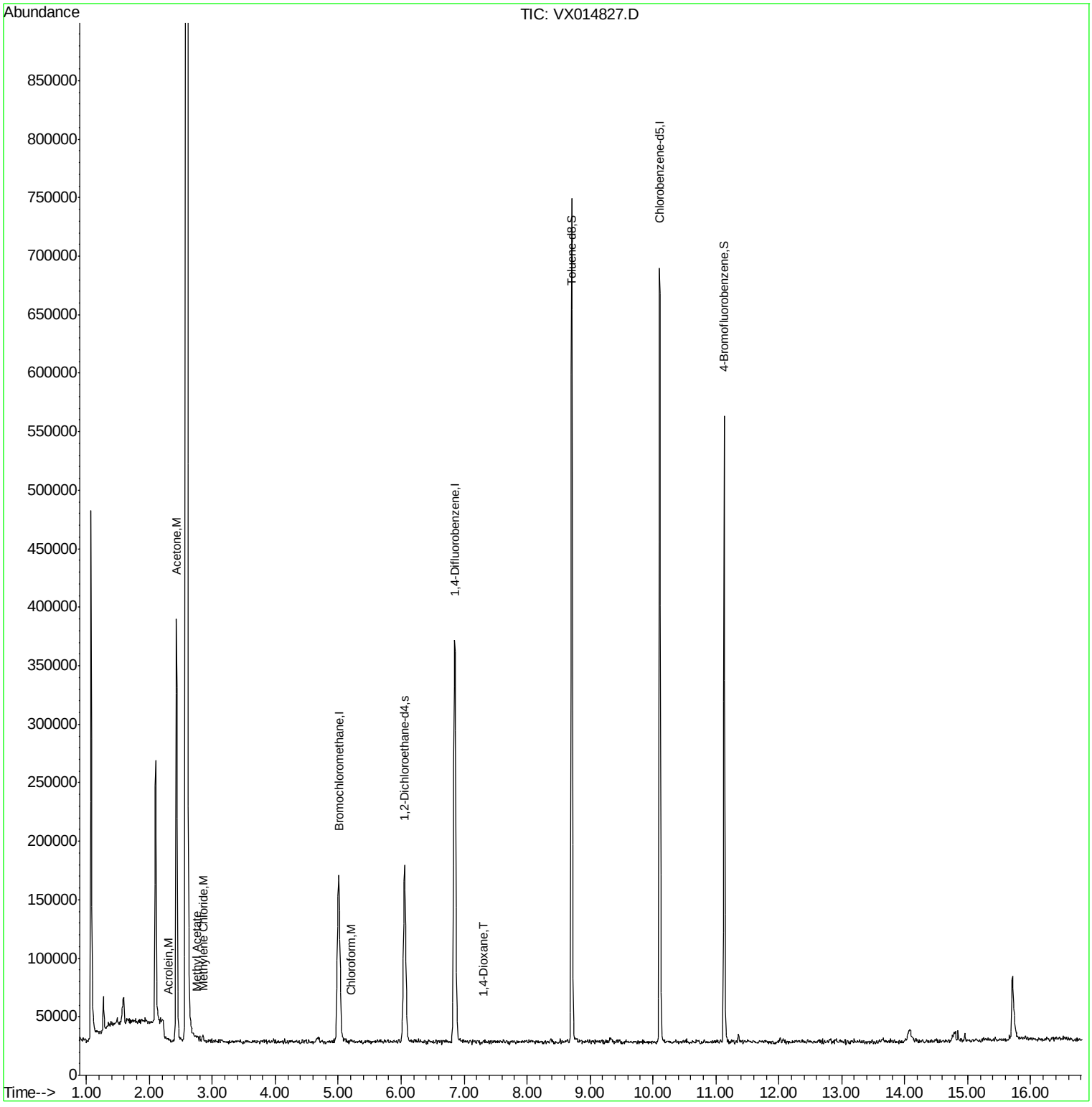
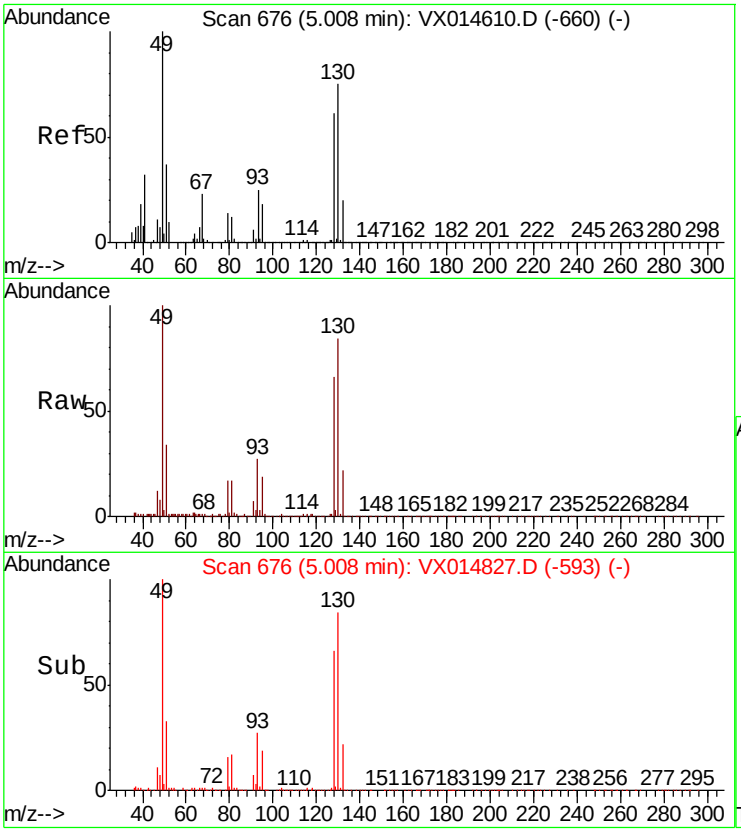


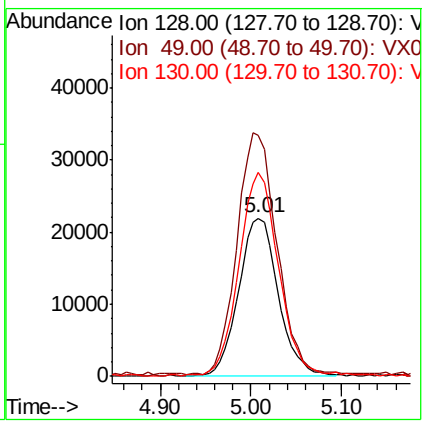


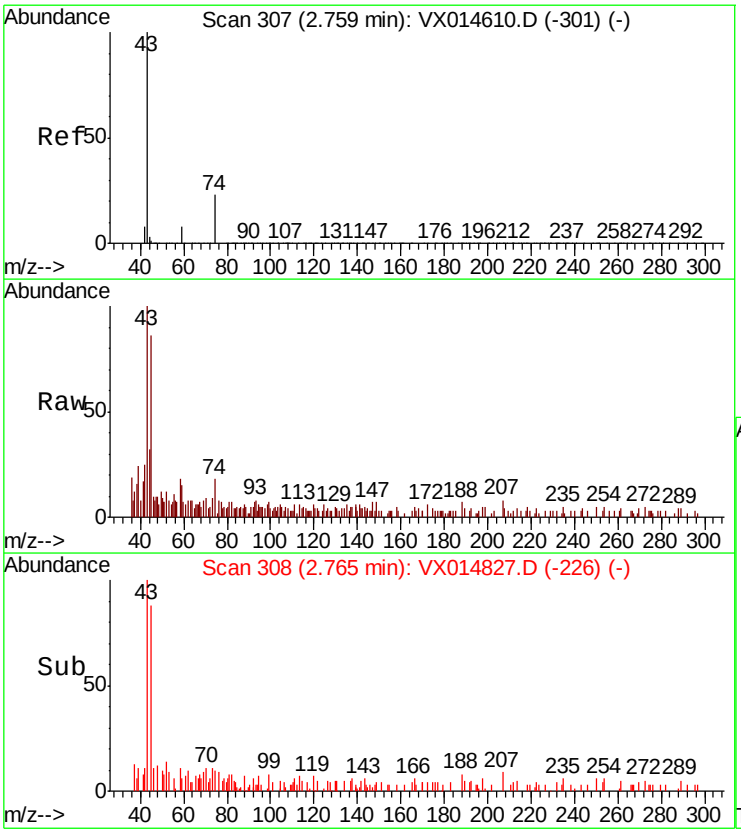
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.01 min
Lab File: VX014827.D
Acq: 05 Feb 2020 17:04

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:128 Resp: 65938

Ion	Ratio	Lower	Upper
128	100		
49	153.1	0.0	405.0
130	127.9	0.0	321.5

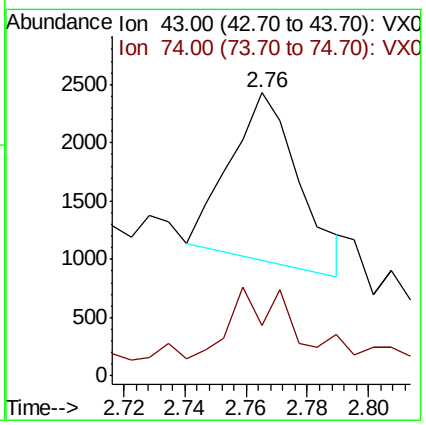


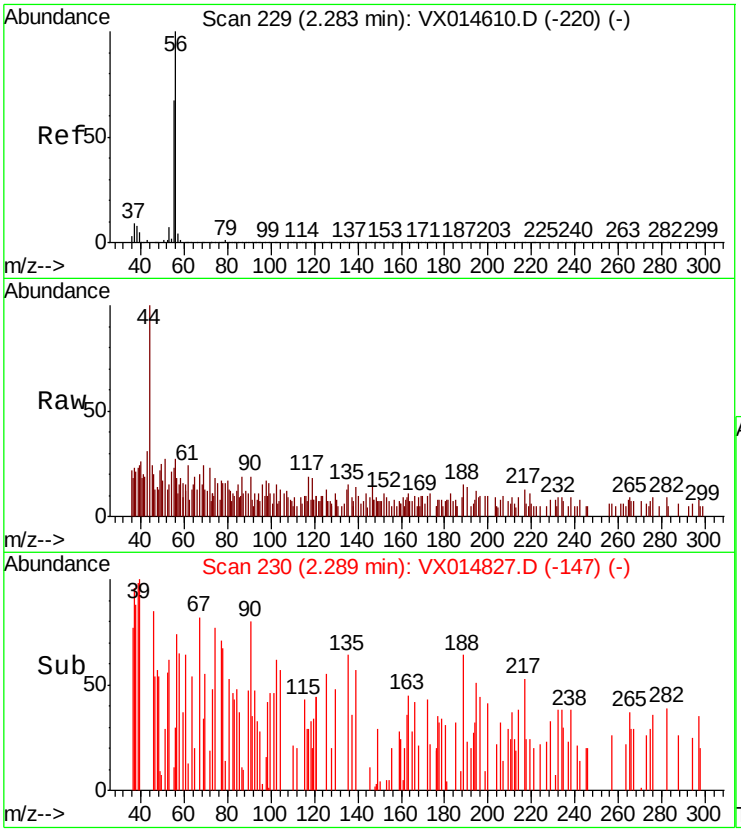


#12
Methyl Acetate
Concen: 0.337 ug/l
RT: 2.76 min Scan# 308
Delta R.T. 0.00 min
Lab File: VX014827.D
Acq: 05 Feb 2020 17:04

Tgt Ion: 43 Resp: 2223

Ion	Ratio	Lower	Upper
43	100		
74	14.4	18.5	27.7#



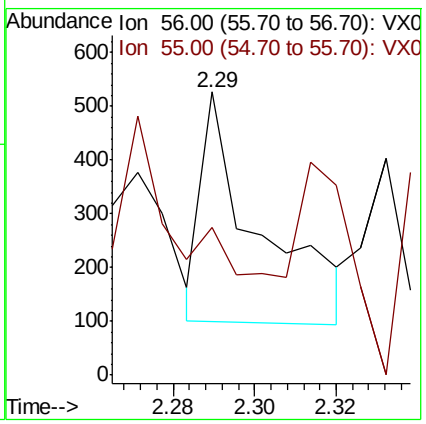


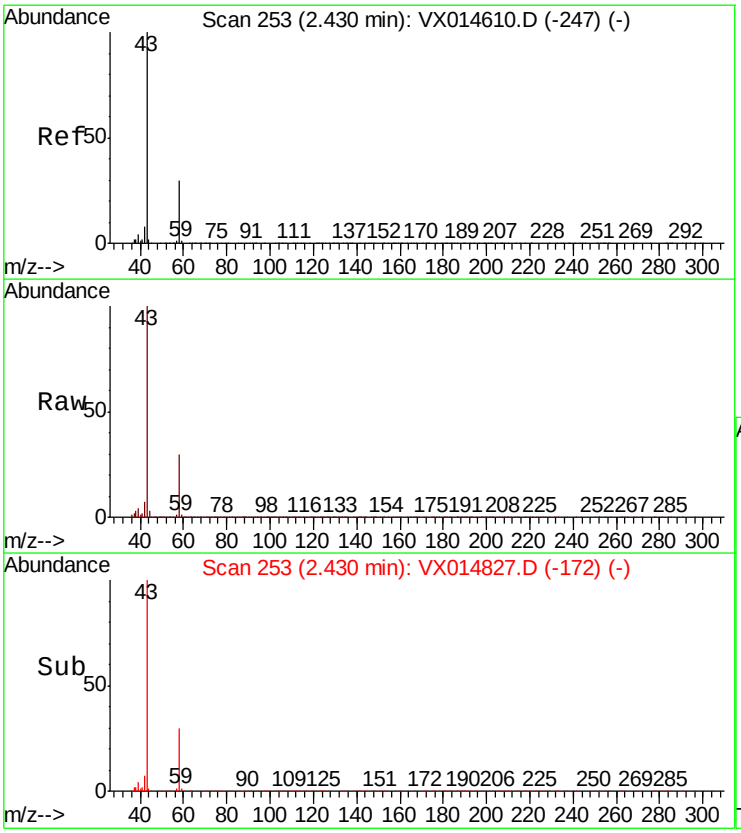
#13
Acrolein
Concen: 0.604 ug/l
RT: 2.29 min Scan# 230
Delta R.T. 0.01 min
Lab File: VX014827.D
Acq: 05 Feb 2020 17:04

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 56 Resp: 418

Ion	Ratio	Lower	Upper
56	100		
55	79.9	54.9	82.3

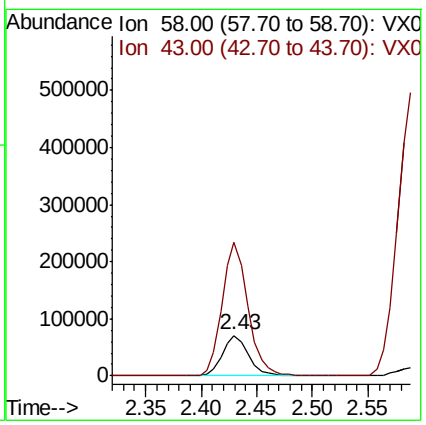


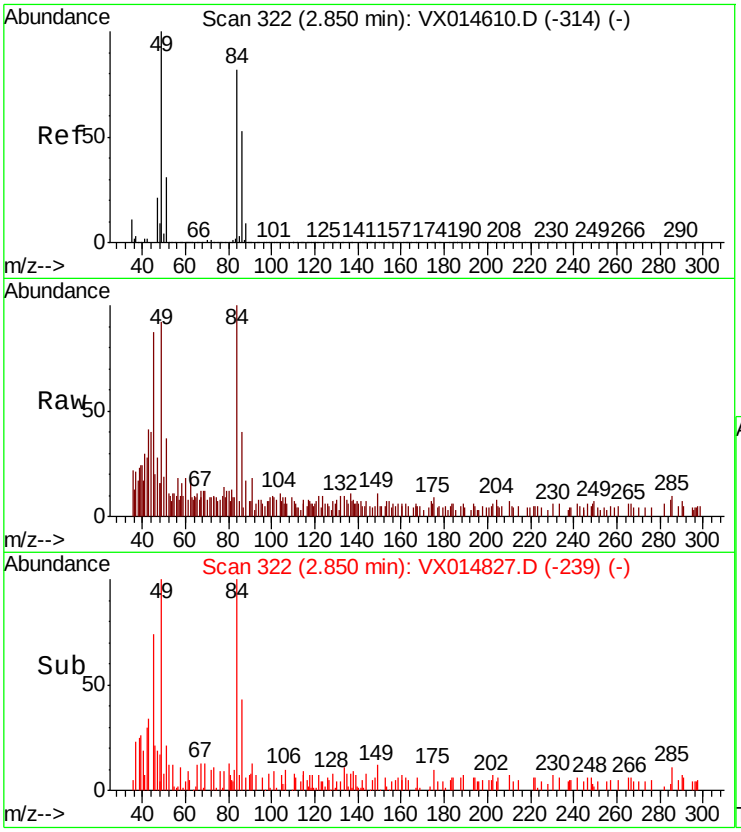


#15
Acetone
Concen: 149.604 ug/l
RT: 2.43 min Scan# 253
Delta R.T. -0.01 min
Lab File: VX014827.D
Acq: 05 Feb 2020 17:04

Tgt Ion: 58 Resp: 113161

Ion	Ratio	Lower	Upper
58	100		
43	334.0	236.3	354.5



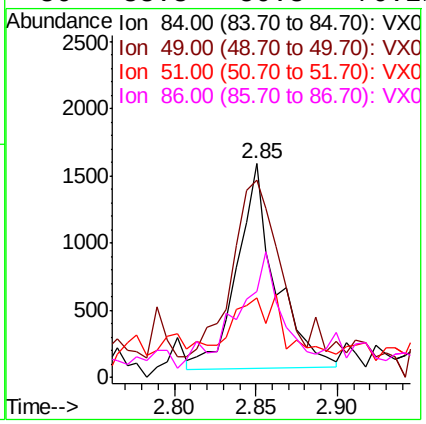


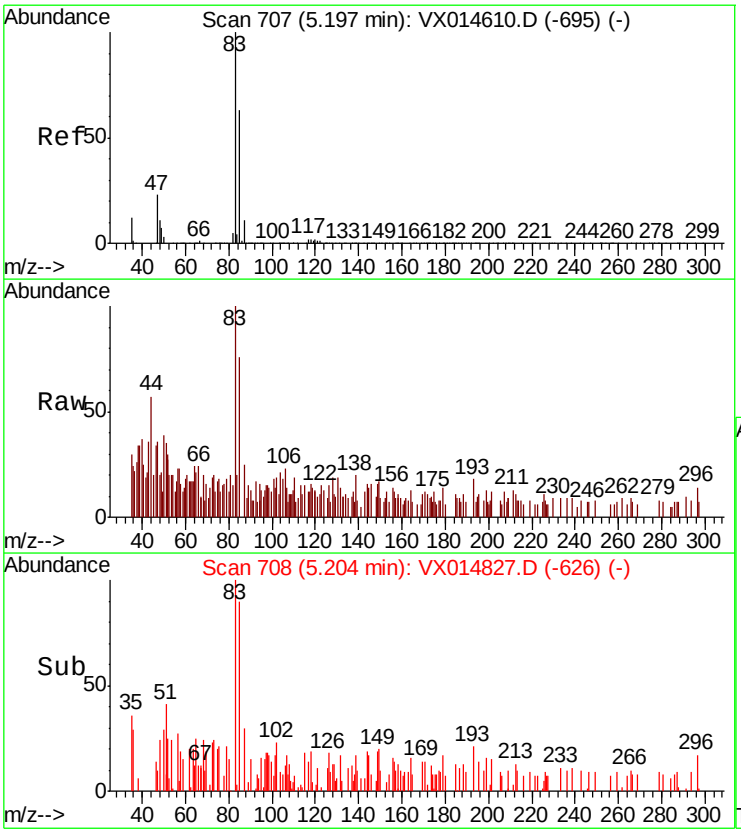
#18
Methylene Chloride
Concen: 0.583 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.01 min
Lab File: VX014827.D
Acq: 05 Feb 2020 17:04

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 84 Resp: 2492

Ion	Ratio	Lower	Upper
84	100		
49	88.9	102.2	153.2#
51	28.7	31.4	47.0#
86	38.3	50.8	76.2#

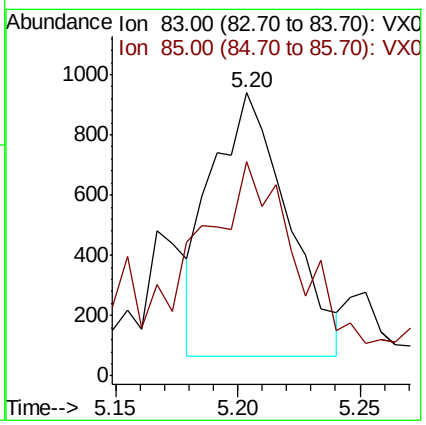


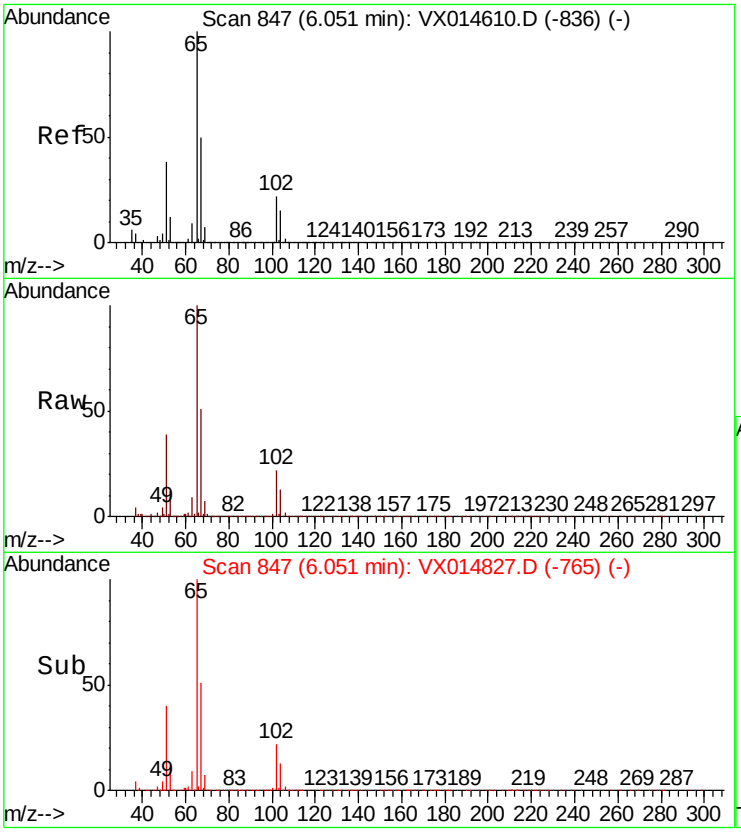


#25
Chloroform
Concen: 0.267 ug/l
RT: 5.20 min Scan# 708
Delta R.T. 0.00 min
Lab File: VX014827.D
Acq: 05 Feb 2020 17:04

Tgt Ion: 83 Resp: 1878

Ion	Ratio	Lower	Upper
83	100		
85	78.3	52.7	79.1



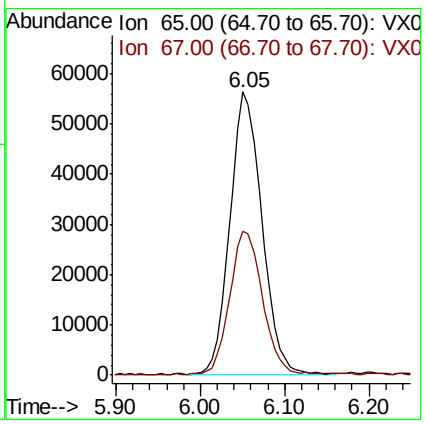


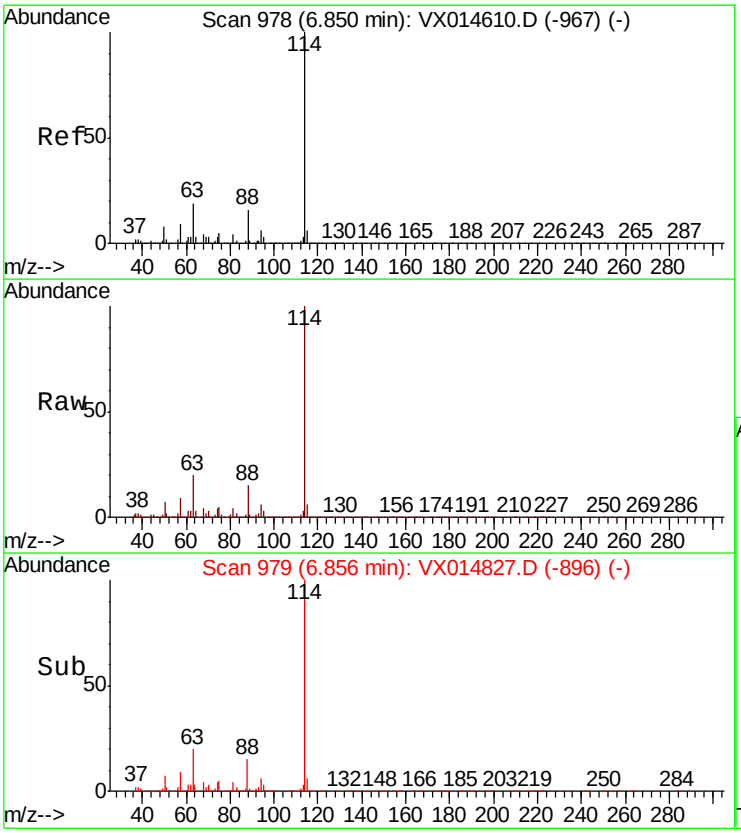
#27
1,2-Dichloroethane-d4
Concen: 31.200 ug/l
RT: 6.05 min Scan# 847
Delta R.T. 0.00 min
Lab File: VX014827.D
Acq: 05 Feb 2020 17:04

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 65 Resp: 144604

Ion	Ratio	Lower	Upper
65	100		
67	51.6	43.1	64.7

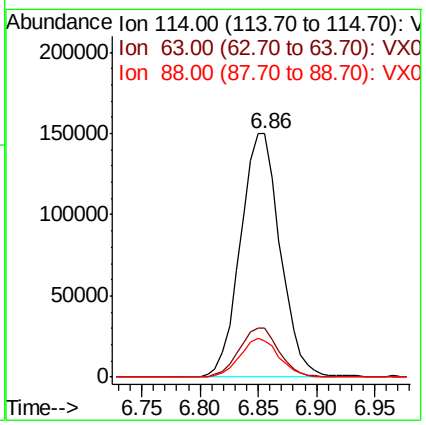


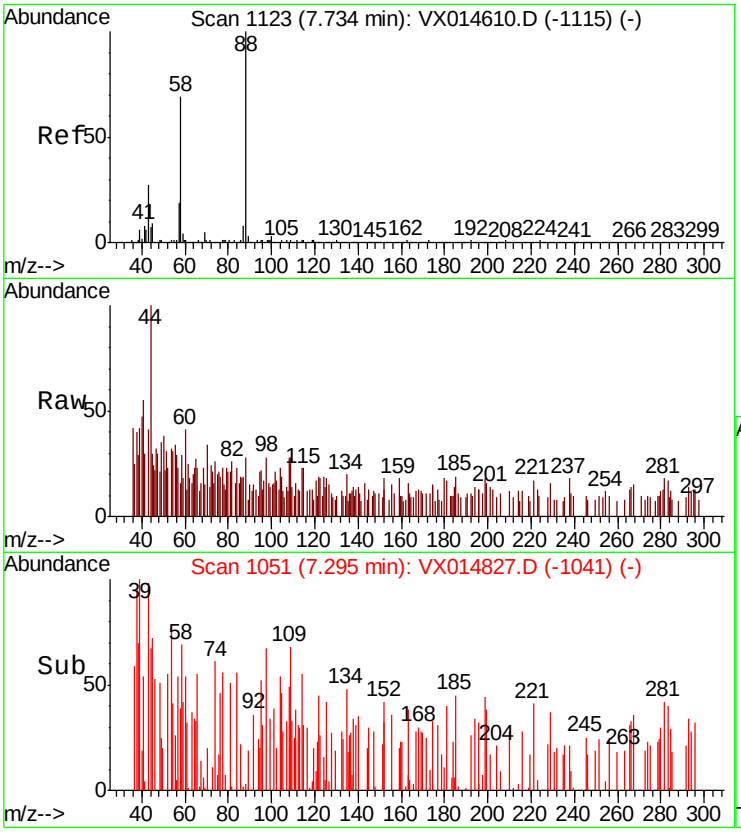


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.86 min Scan# 979
Delta R.T. 0.01 min
Lab File: VX014827.D
Acq: 05 Feb 2020 17:04

Tgt Ion:114 Resp: 356599

Ion	Ratio	Lower	Upper
114	100		
63	20.0	16.1	24.1
88	15.5	12.5	18.7



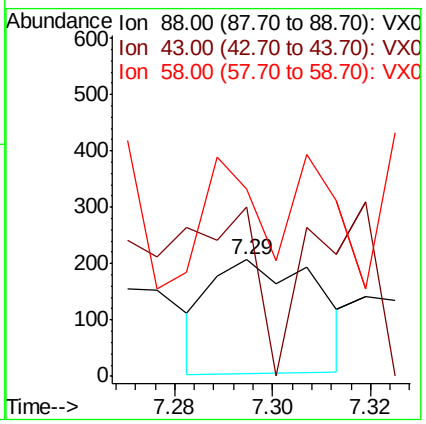


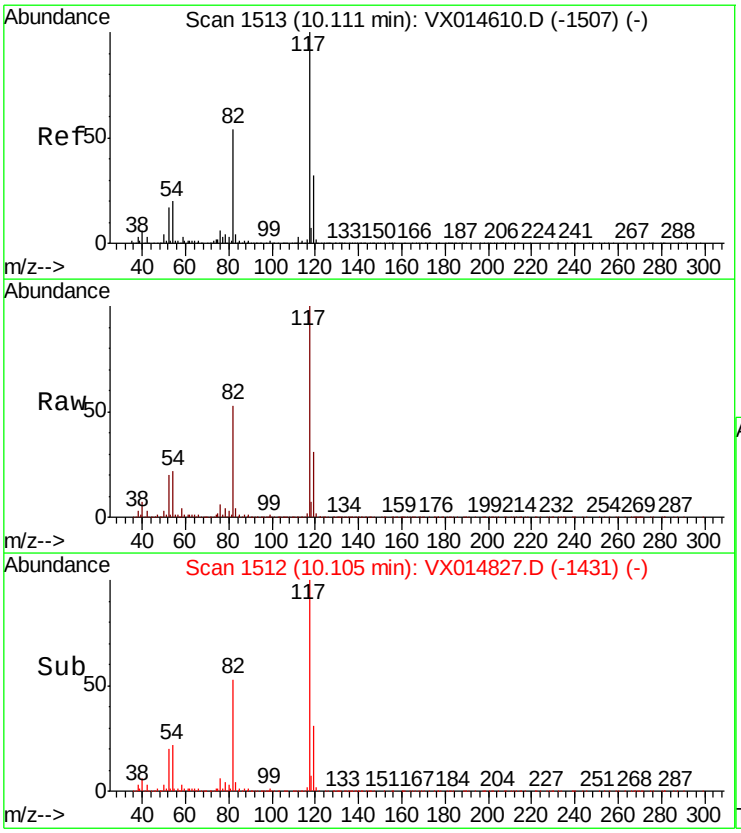
#45
1,4-Dioxane
Concen: 3.172 ug/l
RT: 7.29 min Scan# 1051
Delta R.T. -0.44 min
Lab File: VX014827.D
Acq: 05 Feb 2020 17:04

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 88 Resp: 307

Ion	Ratio	Lower	Upper
88	100		
43	35.8	25.4	38.2
58	63.5	56.5	84.7

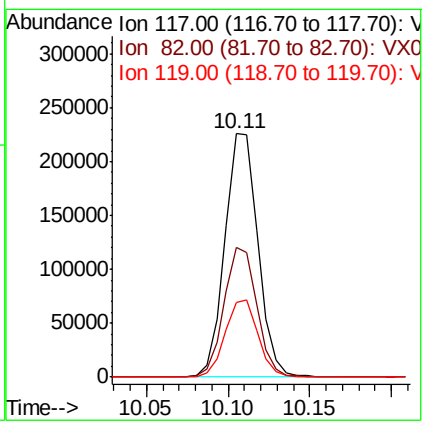


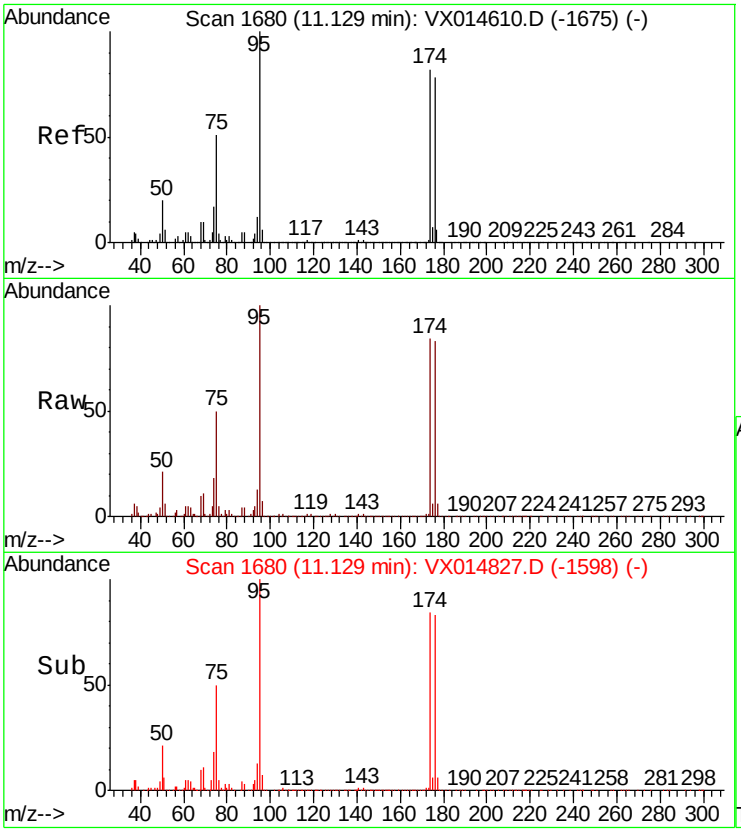


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014827.D
Acq: 05 Feb 2020 17:04

Tgt Ion:117 Resp: 318209

Ion	Ratio	Lower	Upper
117	100		
82	52.7	43.8	65.6
119	31.6	25.8	38.6



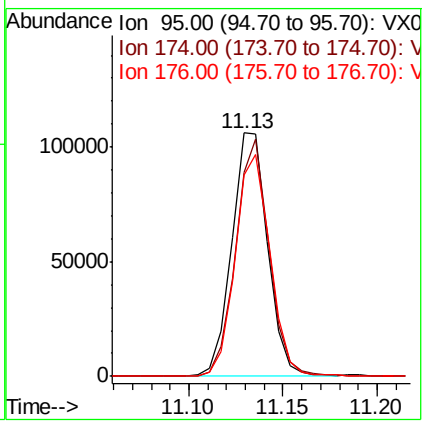


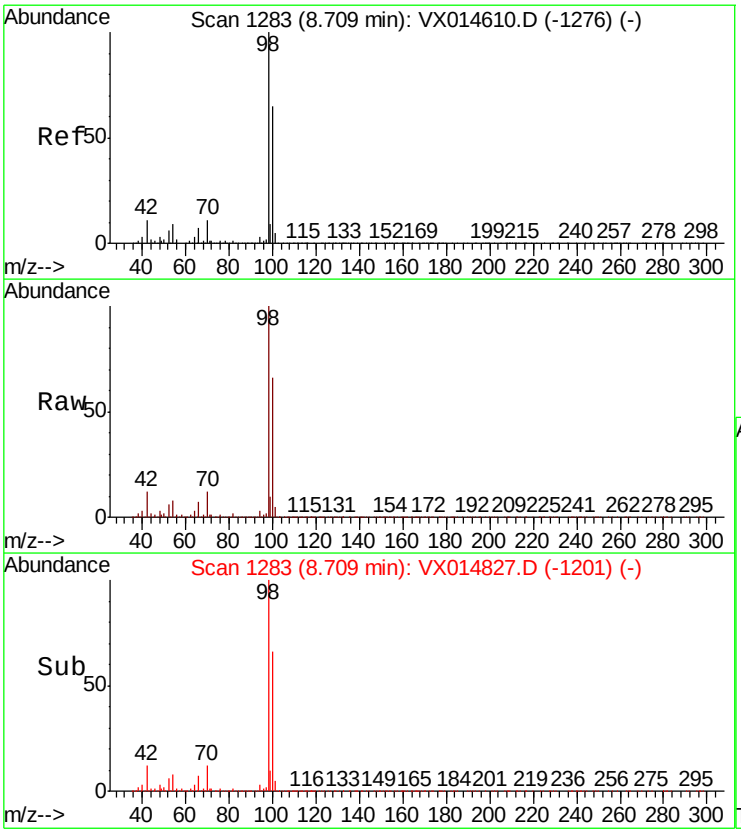
#60
4-Bromofluorobenzene
Concen: 27.408 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.00 min
Lab File: VX014827.D
Acq: 05 Feb 2020 17:04

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 95 Resp: 139561

Ion	Ratio	Lower	Upper
95	100		
174	90.9	70.2	105.2
176	89.0	68.3	102.5





#63
Toluene-d8
Concen: 29.390 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014827.D
Acq: 05 Feb 2020 17:04

Tgt Ion: 98 Resp: 422439

Ion	Ratio	Lower	Upper
98	100		
100	66.1	52.2	78.2