Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX020720\
Data File : VX014873.D
Acq On : 07 Feb 2020 16:00
Operator : JC/SP
Sample : L1434-01 5X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId :

Quant Time: Feb 07 22:13:40 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	65966	30.00	ug/l		0.00
28) 1,4-Difluorobenzene	6.85	114	382103	30.00	ug/l		0.00
57) Chlorobenzene-d5	10.11	117	349337	30.00	ug/l		0.00
System Monitoring Compounds							
27) 1,2-Dichloroethane-d4	6.06	65	149078	32.15	ug/l		0.00
Spiked Amount 30.000	Range 50 - 169		Recovery = 107.17%				
60) 4-Bromofluorobenzene	11.13	95	167217	29.91	ug/l		0.00
Spiked Amount 30.000	Range 56 - 143		Recovery = 99.70%				
63) Toluene-d8	8.71	98	454268	28.79	ug/l		0.00
Spiked Amount 30.000	Range 66 - 137		Recovery = 95.97%				
Target Compounds							Qvalue
12) Methyl Acetate	2.76	43	8941	1.355	ug/l		98
13) Acrolein	2.22	56	301	0.434	ug/l		99
15) Acetone	2.43	58	1520993	2009.963	ug/l		87
16) Carbon Disulfide	2.57	76	4413	0.440	ug/l		99
18) Methylene Chloride	2.85	84	1821	0.426	ug/l	#	71
20) Diisopropyl ether	3.84	45	81137	6.068	ug/l	#	84
23) tert-Butyl Alcohol	3.03	59	3948	4.229	ug/l	#	94
25) Chloroform	5.20	83	2752	0.391	ug/l		89
30) 2-Butanone	4.67	43	1578	0.445	ug/l	#	78
45) 1,4-Dioxane	7.73	88	93	0.897	ug/l	#	1
58) 4-Methyl-2-Pentanone	8.64	43	33757	5.131	ug/l		97
59) 2-Hexanone	9.49	43	7157	1.407	ug/l	#	95

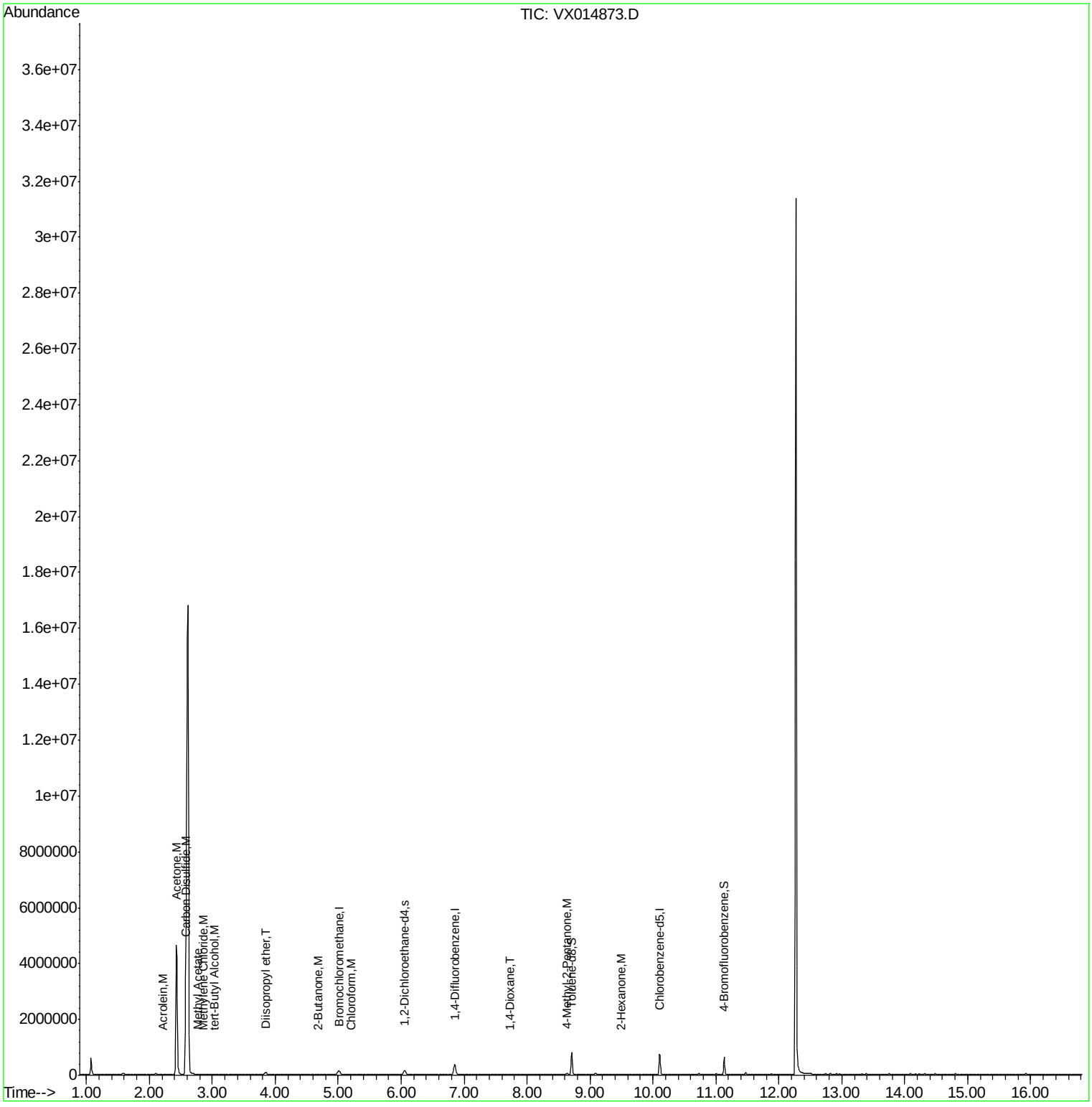
(#) = qualifier out of range (m) = manual integration (+) = signals summed

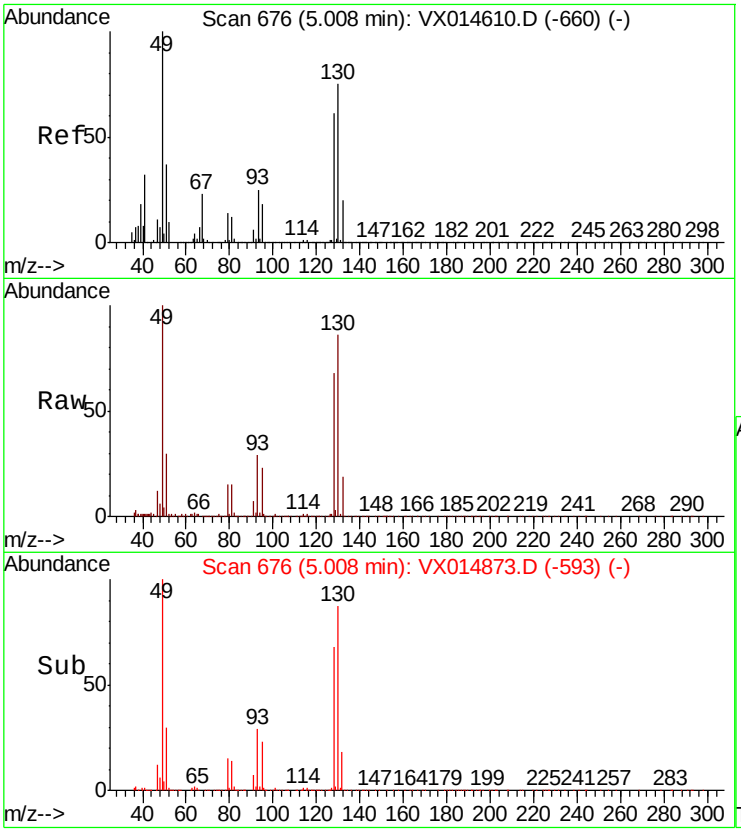
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX020720\
Data File : VX014873.D
Acq On : 07 Feb 2020 16:00
Operator : JC/SP
Sample : L1434-01 5X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Feb 07 22:13:40 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



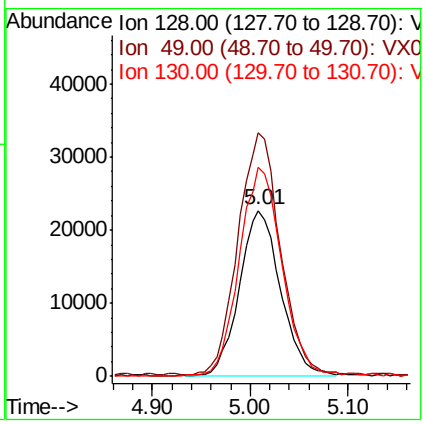


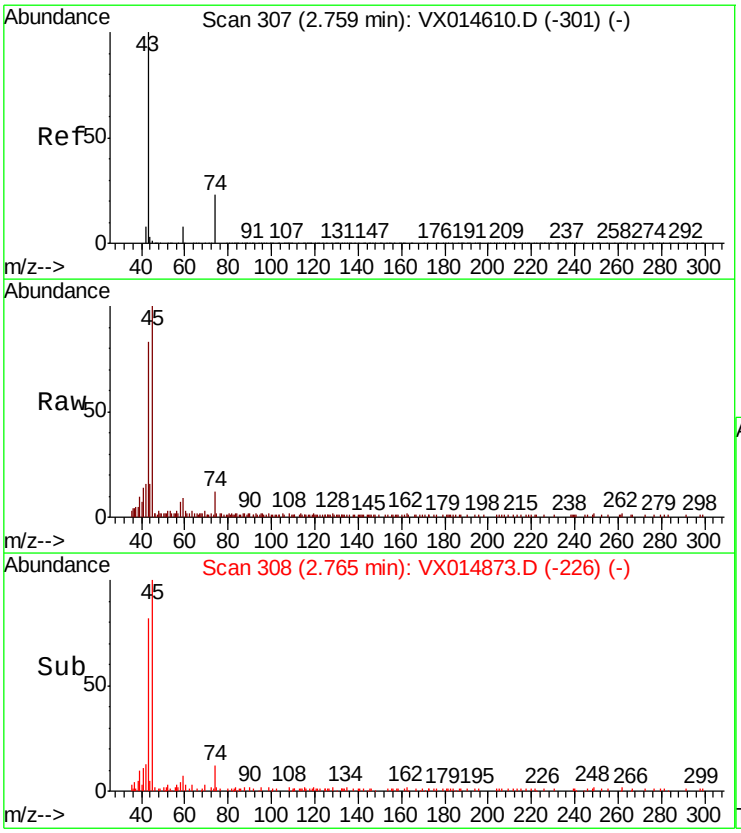
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.01 min
Lab File: VX014873.D
Acq: 07 Feb 2020 16:00

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:128 Resp: 65966

Ion	Ratio	Lower	Upper
128	100		
49	150.8	0.0	405.0
130	129.9	0.0	321.5

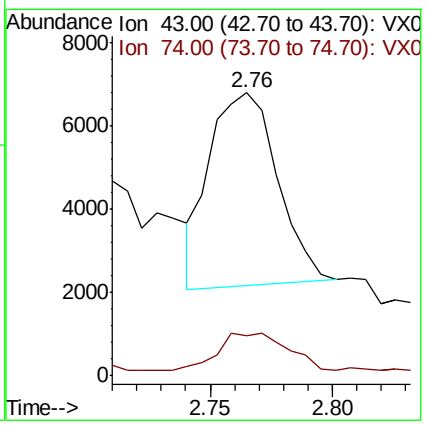


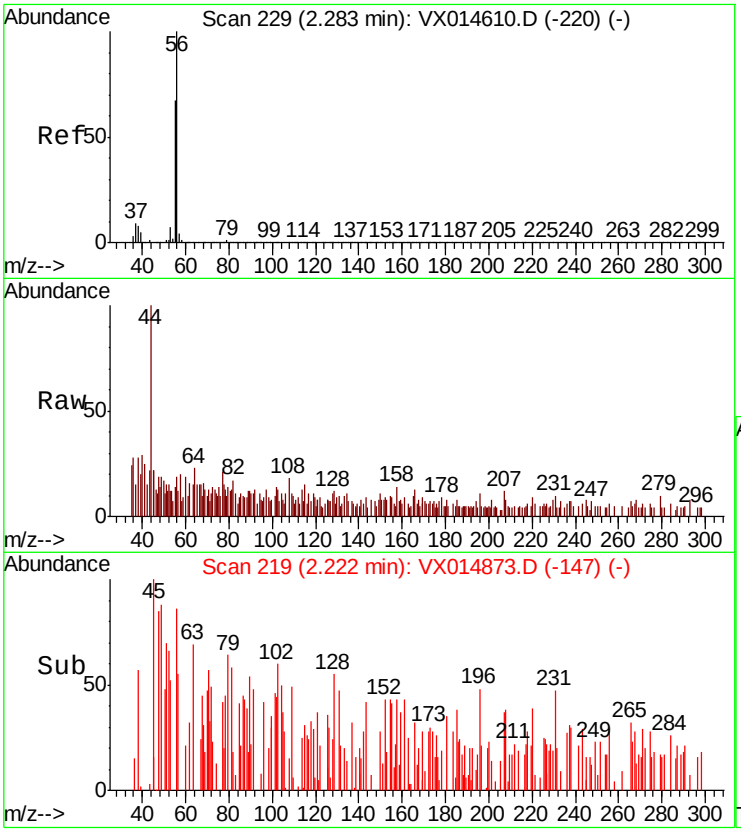


#12
Methyl Acetate
Concen: 1.355 ug/l
RT: 2.76 min Scan# 308
Delta R.T. 0.00 min
Lab File: VX014873.D
Acq: 07 Feb 2020 16:00

Tgt Ion: 43 Resp: 8941

Ion	Ratio	Lower	Upper
43	100		
74	24.1	18.5	27.7



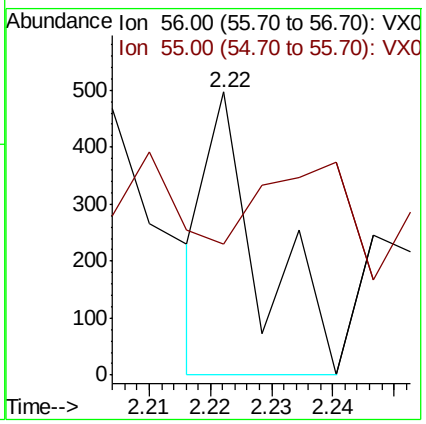


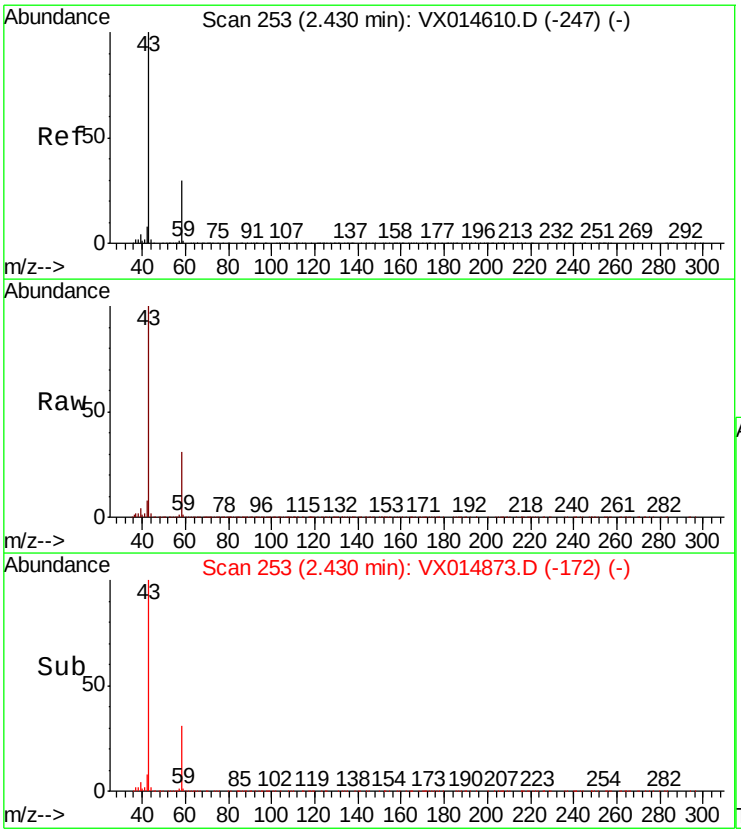
#13
Acrolein
Concen: 0.434 ug/l
RT: 2.22 min Scan# 219
Delta R.T. -0.06 min
Lab File: VX014873.D
Acq: 07 Feb 2020 16:00

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 56 Resp: 301

Ion	Ratio	Lower	Upper
56	100		
55	67.4	54.9	82.3

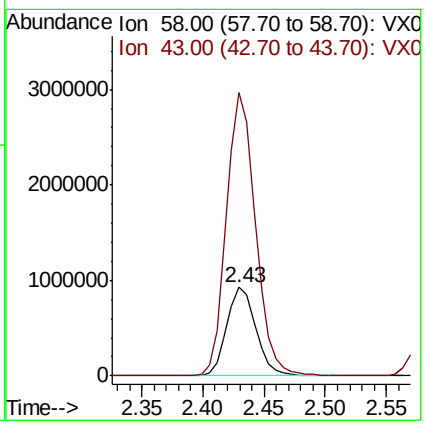


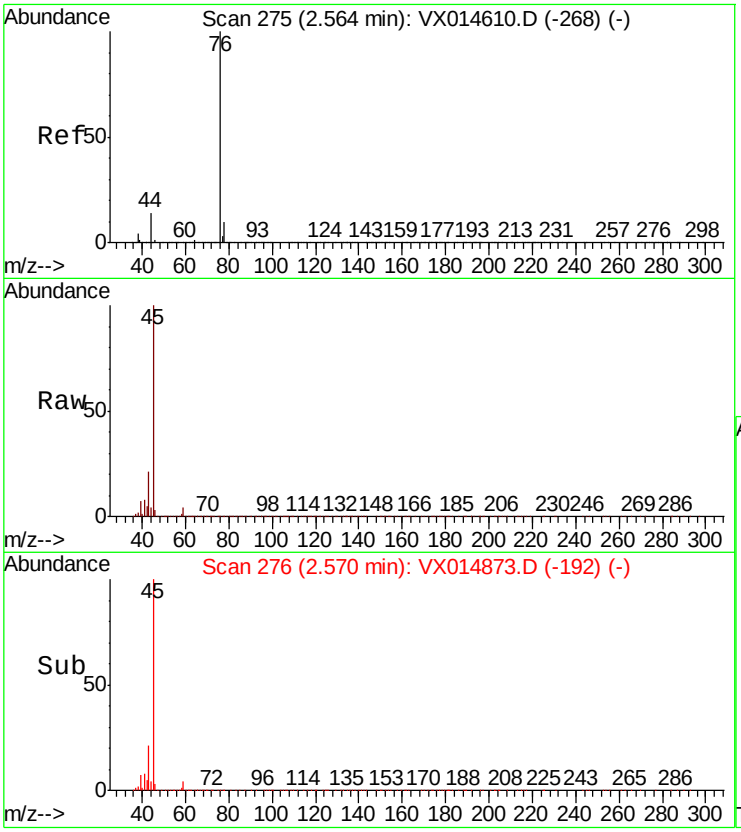


#15
Acetone
Concen: 2009.963 ug/l
RT: 2.43 min Scan# 253
Delta R.T. -0.01 min
Lab File: VX014873.D
Acq: 07 Feb 2020 16:00

Tgt Ion: 58 Resp: 1520993

Ion	Ratio	Lower	Upper
58	100		
43	319.7	236.3	354.5



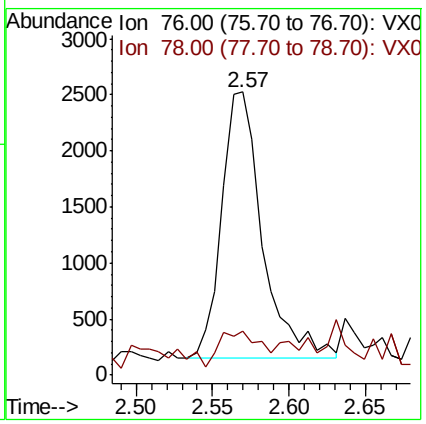


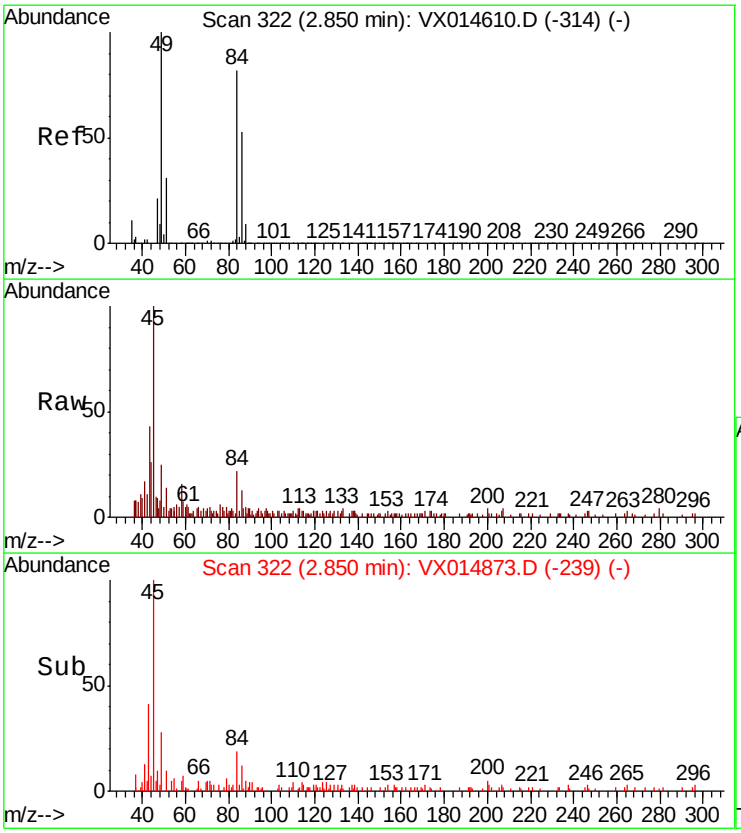
#16
Carbon Disulfide
Concen: 0.440 ug/l
RT: 2.57 min Scan# 276
Delta R.T. 0.01 min
Lab File: VX014873.D
Acq: 07 Feb 2020 16:00

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 76 Resp: 4413

Ion	Ratio	Lower	Upper
76	100		
78	10.2	7.8	11.8

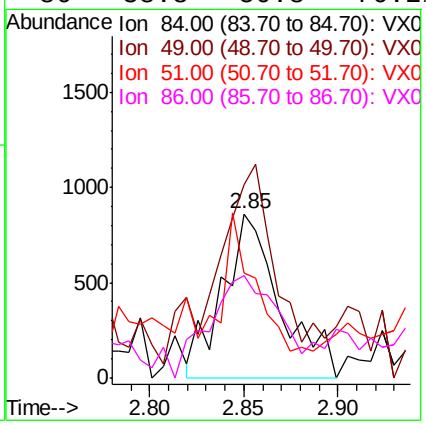


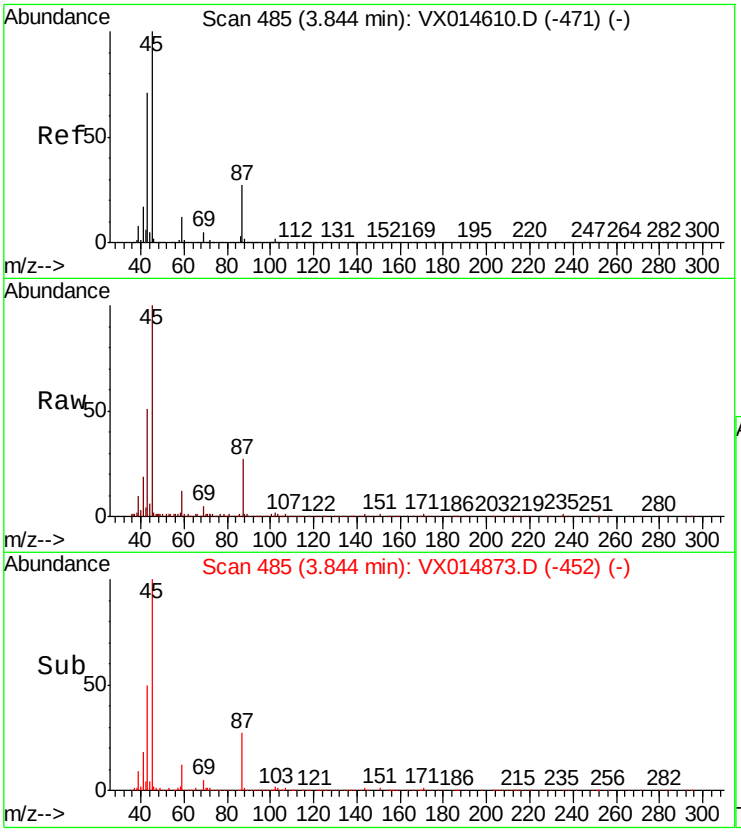


#18
Methylene Chloride
Concen: 0.426 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.01 min
Lab File: VX014873.D
Acq: 07 Feb 2020 16:00

Tgt Ion: 84 Resp: 1821

Ion	Ratio	Lower	Upper
84	100		
49	86.9	102.2	153.2#
51	37.9	31.4	47.0
86	38.8	50.8	76.2#



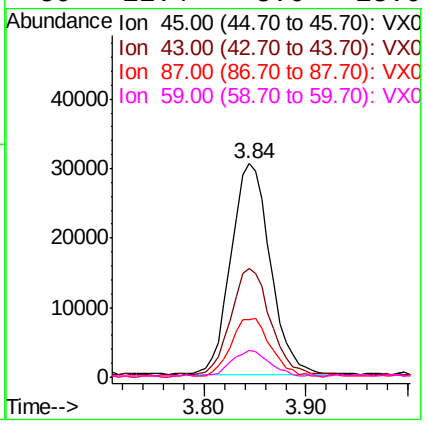


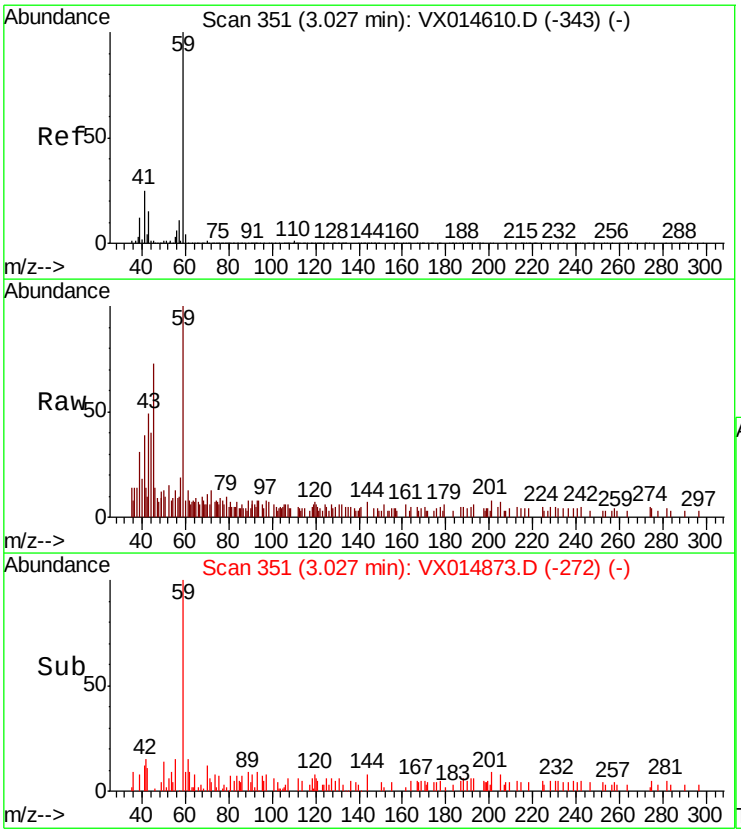
#20
Diisopropyl ether
Concen: 6.068 ug/l
RT: 3.84 min Scan# 485
Delta R.T. 0.00 min
Lab File: VX014873.D
Acq: 07 Feb 2020 16:00

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 45 Resp: 81137

Ion	Ratio	Lower	Upper
45	100		
43	50.4	55.9	83.9#
87	26.8	22.2	33.2
59	11.4	8.6	13.0

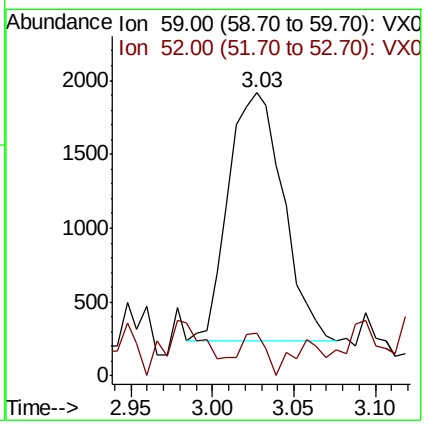


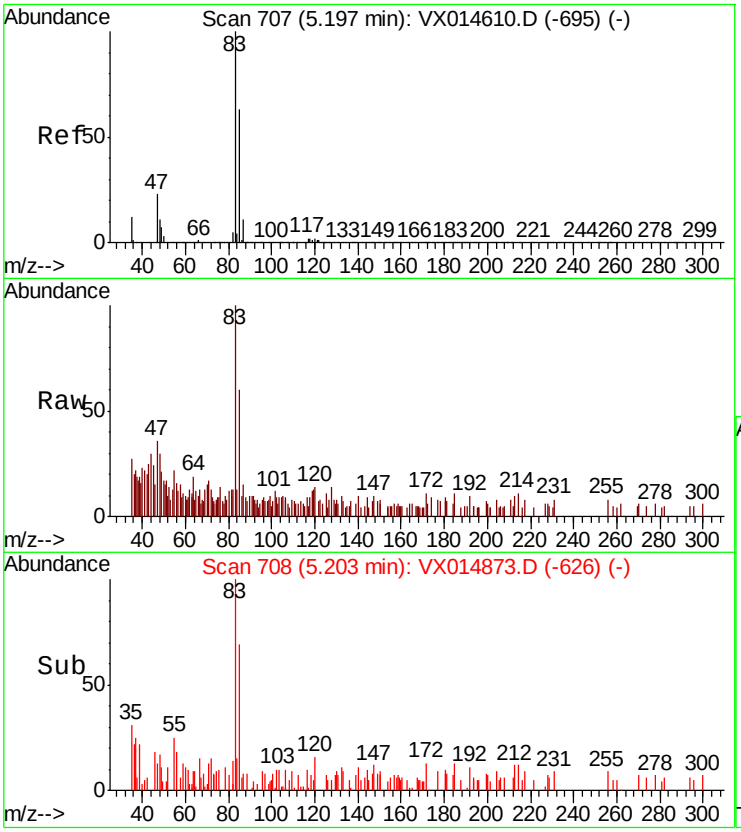


#23
tert-Butyl Alcohol
Concen: 4.229 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.02 min
Lab File: VX014873.D
Acq: 07 Feb 2020 16:00

Tgt Ion: 59 Resp: 3948

Ion	Ratio	Lower	Upper
59	100		
52	8.2	0.2	0.2#



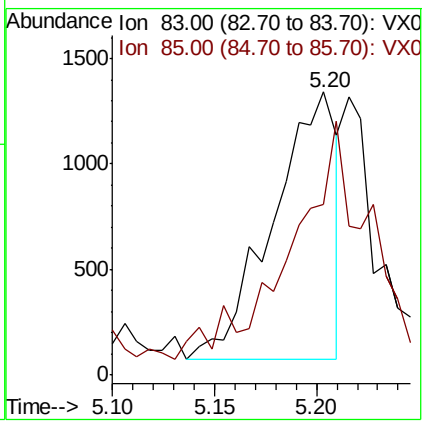


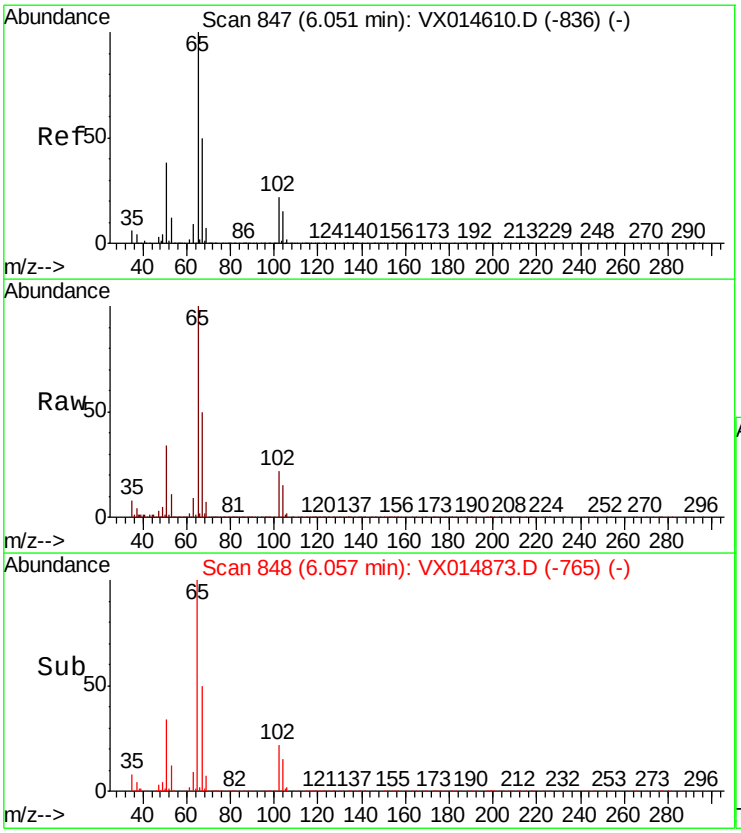
#25
Chloroform
Concen: 0.391 ug/l
RT: 5.20 min Scan# 708
Delta R.T. 0.00 min
Lab File: VX014873.D
Acq: 07 Feb 2020 16:00

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 83 Resp: 2752

Ion	Ratio	Lower	Upper
83	100		
85	56.8	52.7	79.1

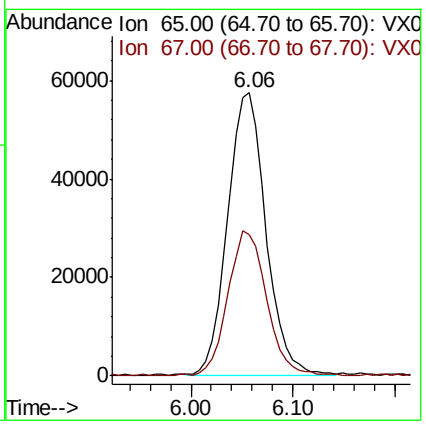


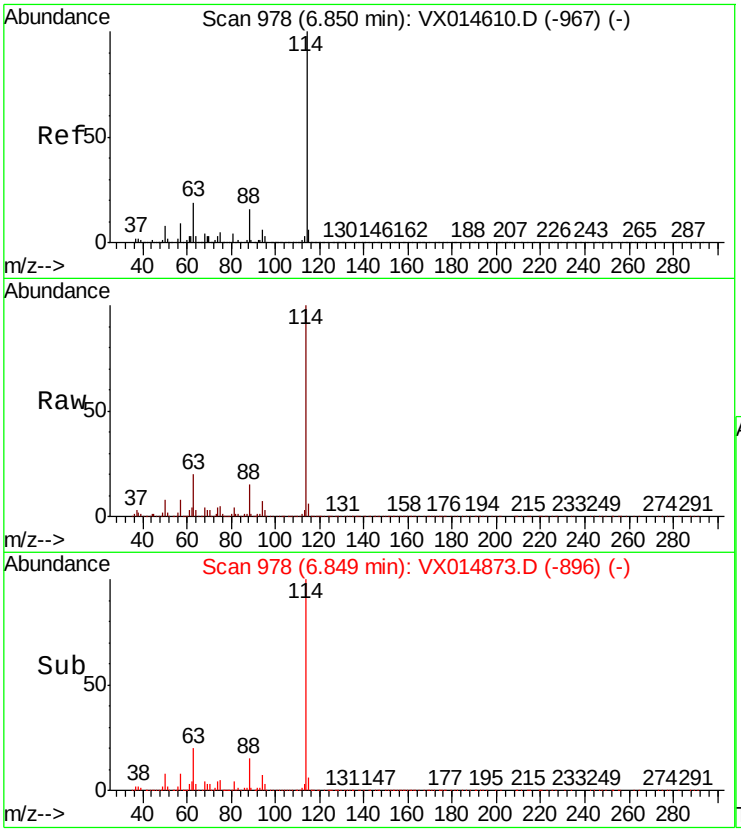


#27
1,2-Dichloroethane-d4
Concen: 32.152 ug/l
RT: 6.06 min Scan# 848
Delta R.T. 0.01 min
Lab File: VX014873.D
Acq: 07 Feb 2020 16:00

Tgt Ion: 65 Resp: 149078

Ion	Ratio	Lower	Upper
65	100		
67	50.8	43.1	64.7



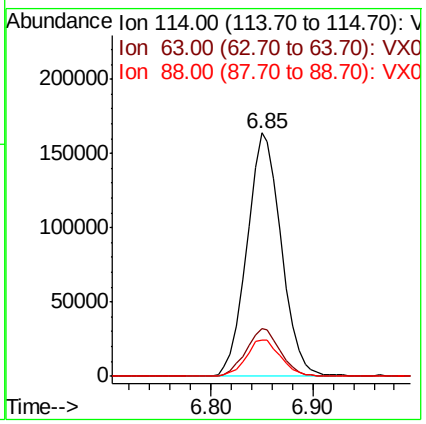


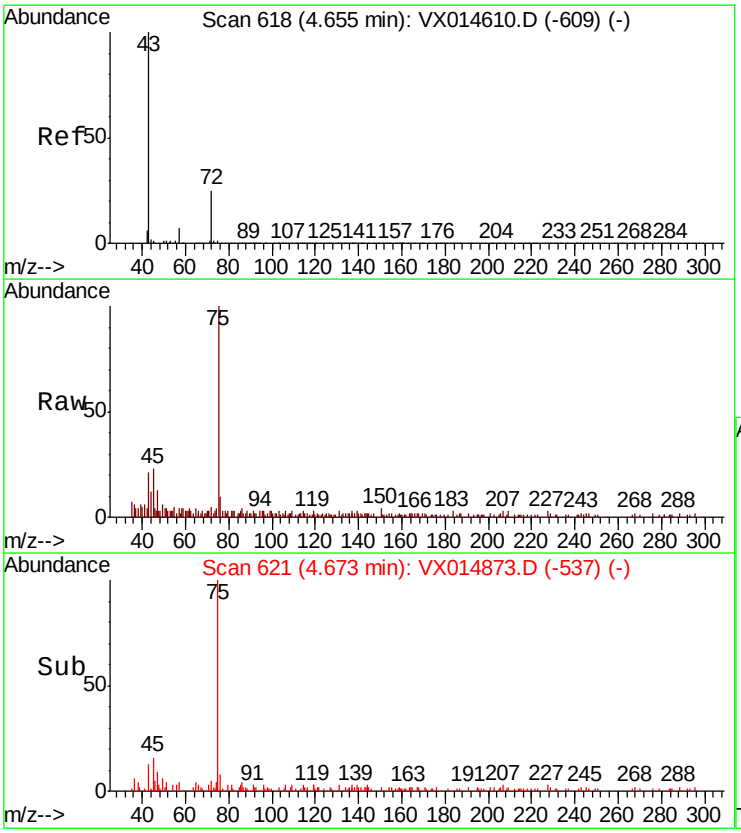
#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. 0.00 min
Lab File: VX014873.D
Acq: 07 Feb 2020 16:00

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:114 Resp: 382103

Ion	Ratio	Lower	Upper
114	100		
63	19.4	16.1	24.1
88	15.4	12.5	18.7

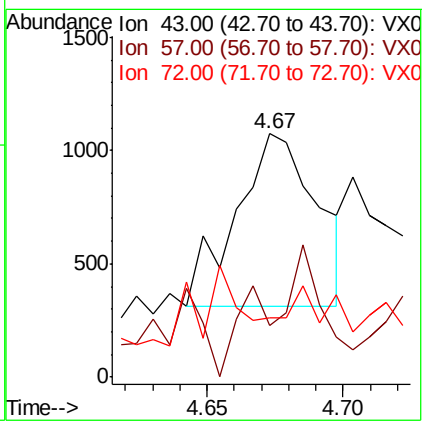


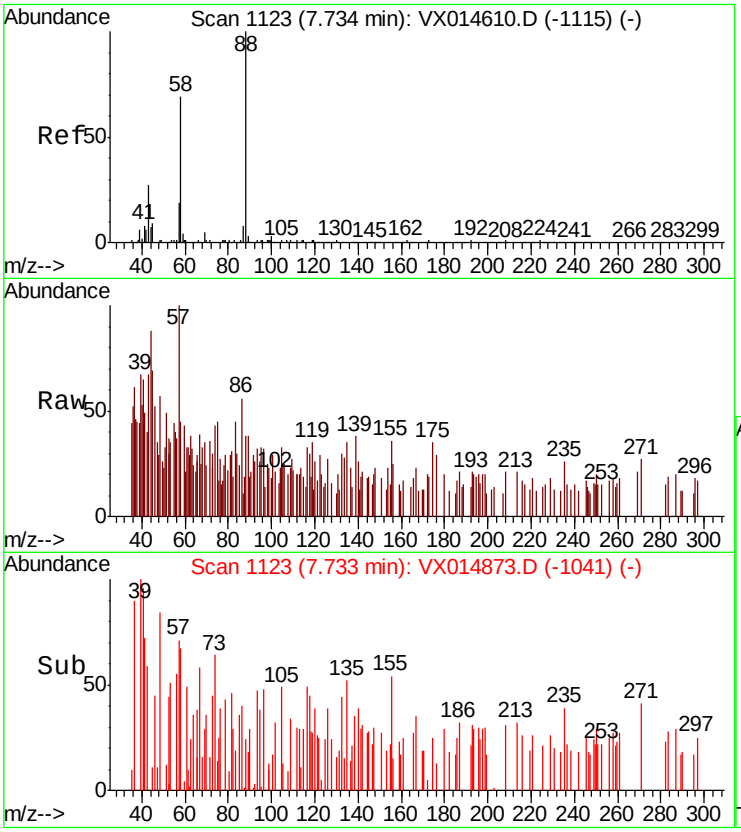


#30
2-Butanone
Concen: 0.445 ug/l
RT: 4.67 min Scan# 621
Delta R.T. 0.01 min
Lab File: VX014873.D
Acq: 07 Feb 2020 16:00

Tgt Ion: 43 Resp: 1578

Ion	Ratio	Lower	Upper
43	100		
57	20.5	6.2	9.2#
72	16.7	20.3	30.5#



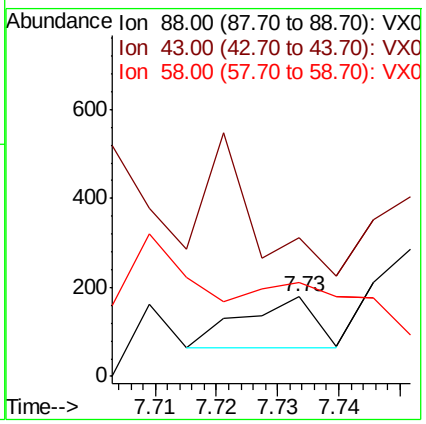


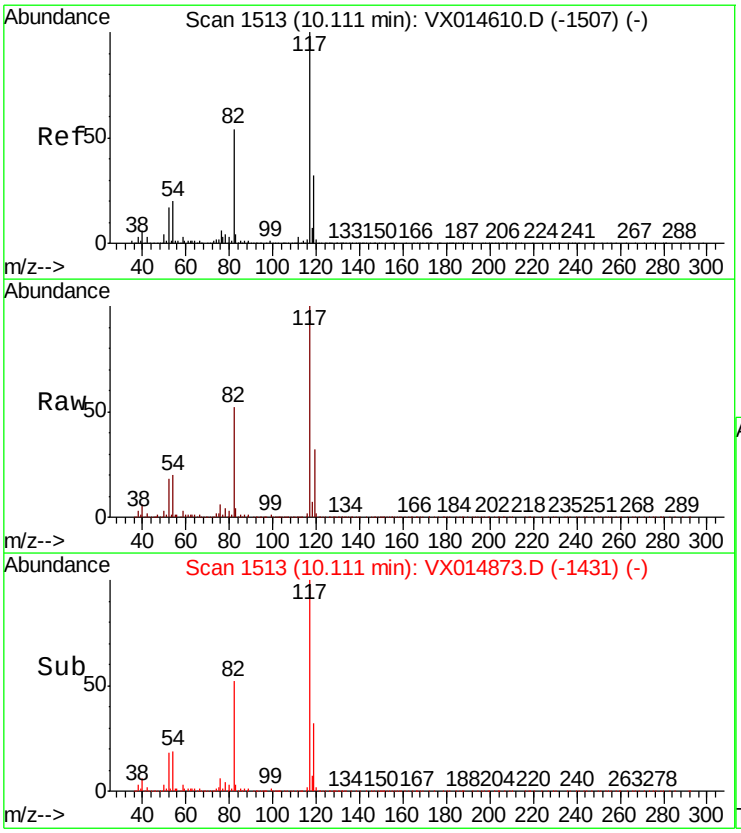
#45
1,4-Dioxane
Concen: 0.897 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX014873.D
Acq: 07 Feb 2020 16:00

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 88 Resp: 93

Ion	Ratio	Lower	Upper
88	100		
43	177.4	25.4	38.2#
58	150.5	56.5	84.7#

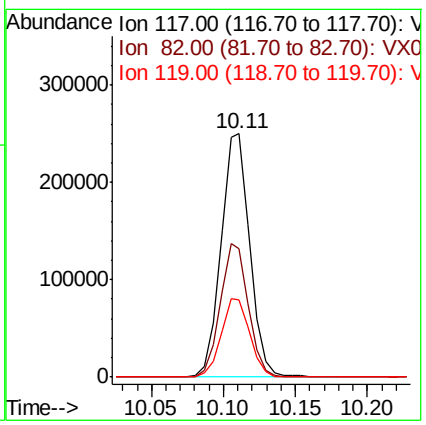


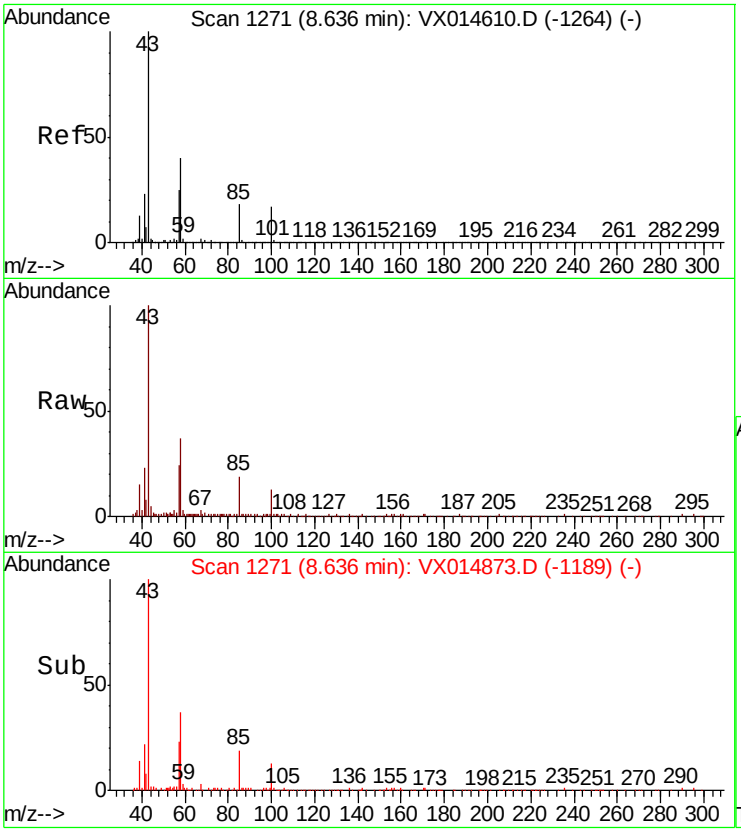


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX014873.D
Acq: 07 Feb 2020 16:00

Tgt Ion:117 Resp: 349337

Ion	Ratio	Lower	Upper
117	100		
82	53.4	43.8	65.6
119	32.2	25.8	38.6



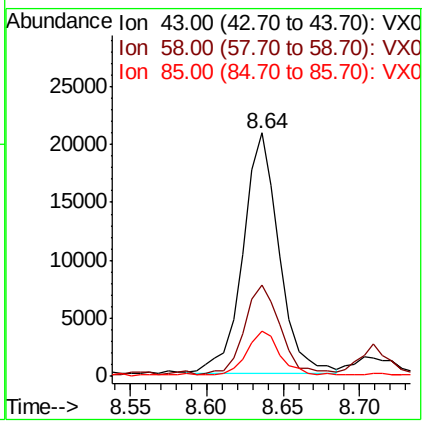


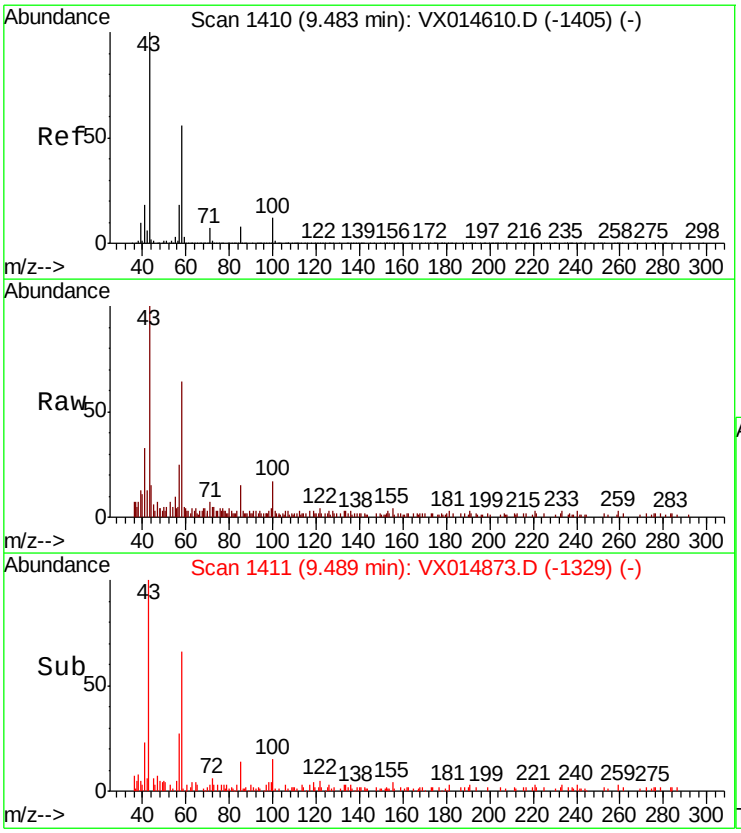
#58
4-Methyl-2-Pentanone
Concen: 5.131 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VX014873.D
Acq: 07 Feb 2020 16:00

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 33757

Ion	Ratio	Lower	Upper
43	100		
58	36.7	31.2	46.8
85	16.6	14.2	21.2

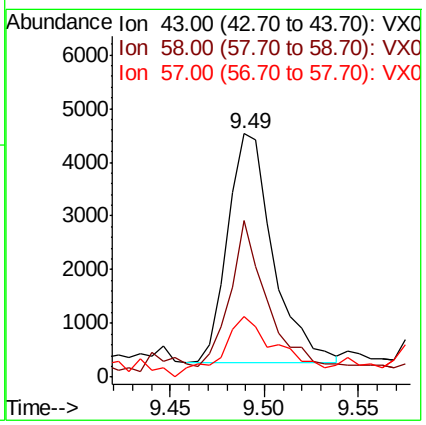


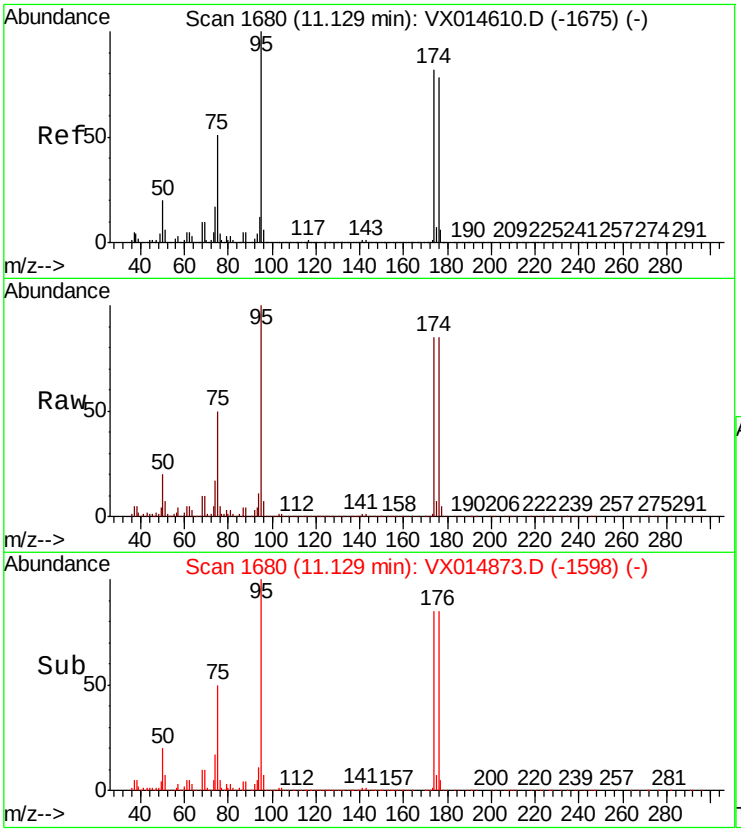


#59
2-Hexanone
Concen: 1.407 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.00 min
Lab File: VX014873.D
Acq: 07 Feb 2020 16:00

Tgt Ion: 43 Resp: 7157

Ion	Ratio	Lower	Upper
43	100		
58	52.5	43.8	65.6
57	23.1	15.4	23.0#



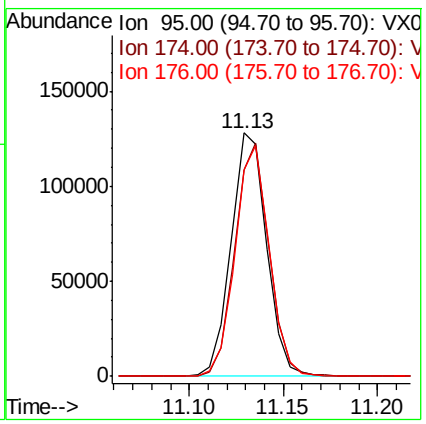


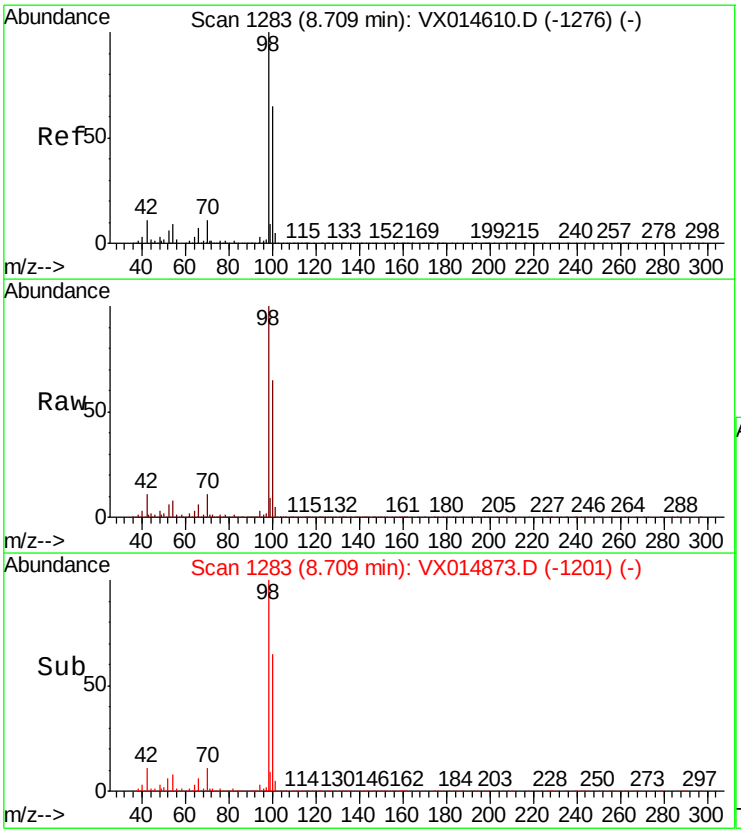
#60
4-Bromofluorobenzene
Concen: 29.913 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.00 min
Lab File: VX014873.D
Acq: 07 Feb 2020 16:00

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 95 Resp: 167217

Ion	Ratio	Lower	Upper
95	100		
174	91.9	70.2	105.2
176	91.1	68.3	102.5





#63
Toluene-d8
Concen: 28.789 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014873.D
Acq: 07 Feb 2020 16:00

Tgt Ion: 98 Resp: 454268

Ion	Ratio	Lower	Upper
98	100		
100	65.4	52.2	78.2