Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX091120\
Data File : VX018352.D
Acq On : 11 Sep 2020 11:16
Operator : JC/SP
Sample : VX0911WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId :

Quant Time: Sep 12 05:43:33 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X090420W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Sep 04 12:13:41 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	4.98	128	79344	30.00	ug/l		0.00
28) 1,4-Difluorobenzene	6.83	114	397923	30.00	ug/l		0.00
57) Chlorobenzene-d5	10.10	117	365080	30.00	ug/l		0.00
System Monitoring Compounds							
27) 1,2-Dichloroethane-d4	6.03	65	185017	29.56	ug/l		0.00
Spiked Amount 30.000	Range 50 - 169		Recovery = 98.53%				
60) 4-Bromofluorobenzene	11.12	95	168720	26.66	ug/l		0.00
Spiked Amount 30.000	Range 56 - 143		Recovery = 88.87%				
63) Toluene-d8	8.70	98	463873	28.83	ug/l		0.00
Spiked Amount 30.000	Range 66 - 137		Recovery = 96.10%				
Target Compounds							Qvalue
11) Methyl Iodide	2.50	142	2031	7.891	ug/l		95
13) Acrolein	2.08	56	161	0.380	ug/l		99
14) Acrylonitrile	3.13	53	587	0.247	ug/l	#	67
15) Acetone	2.42	58	653	1.009	ug/l		92
18) Methylene Chloride	2.83	84	2009	0.429	ug/l	#	80
23) tert-Butyl Alcohol	3.02	59	372	0.361	ug/l	#	66
45) 1,4-Dioxane	7.71	88	138	1.550	ug/l	#	91
90) Hexachlorobutadiene	13.77	225	883	0.330	ug/l		76

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

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ClientSampleId :

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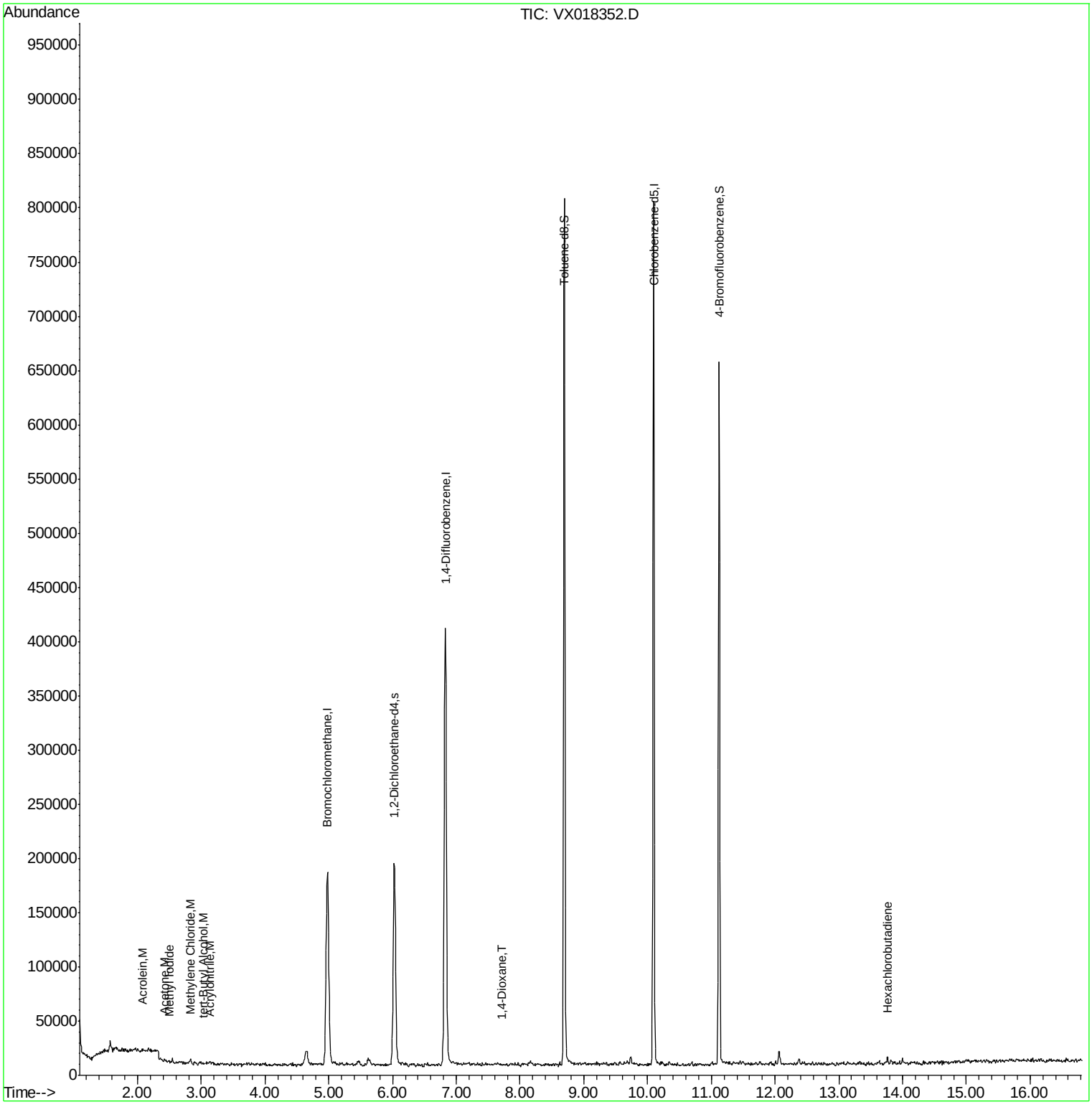
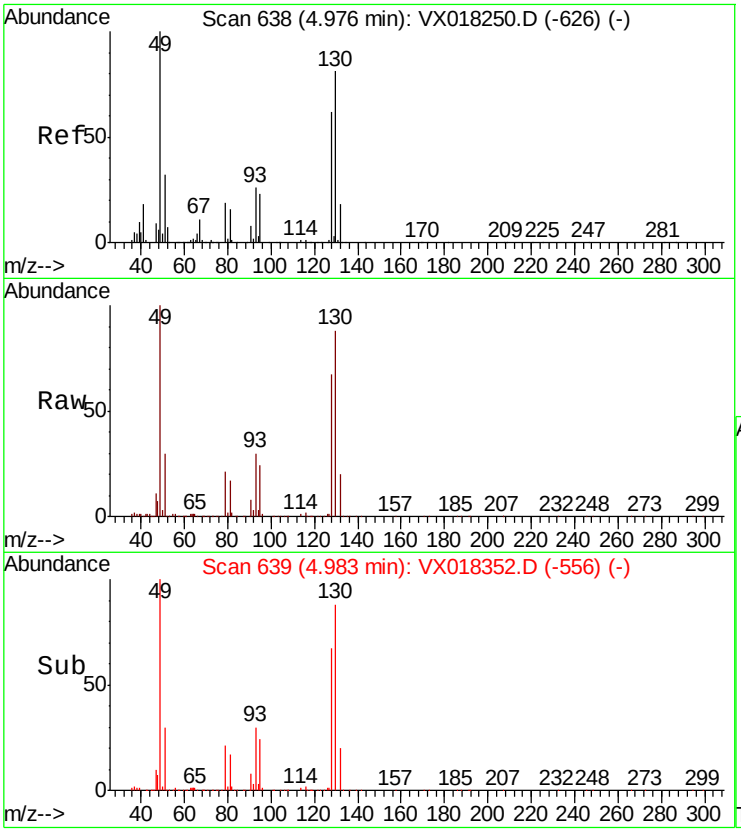


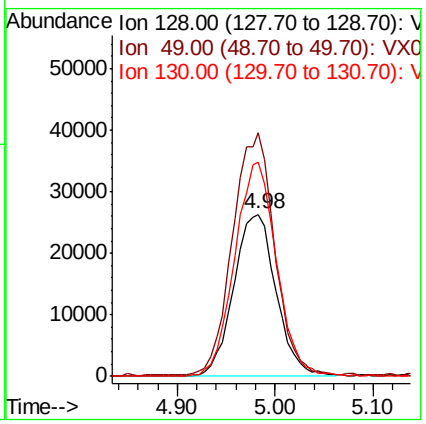


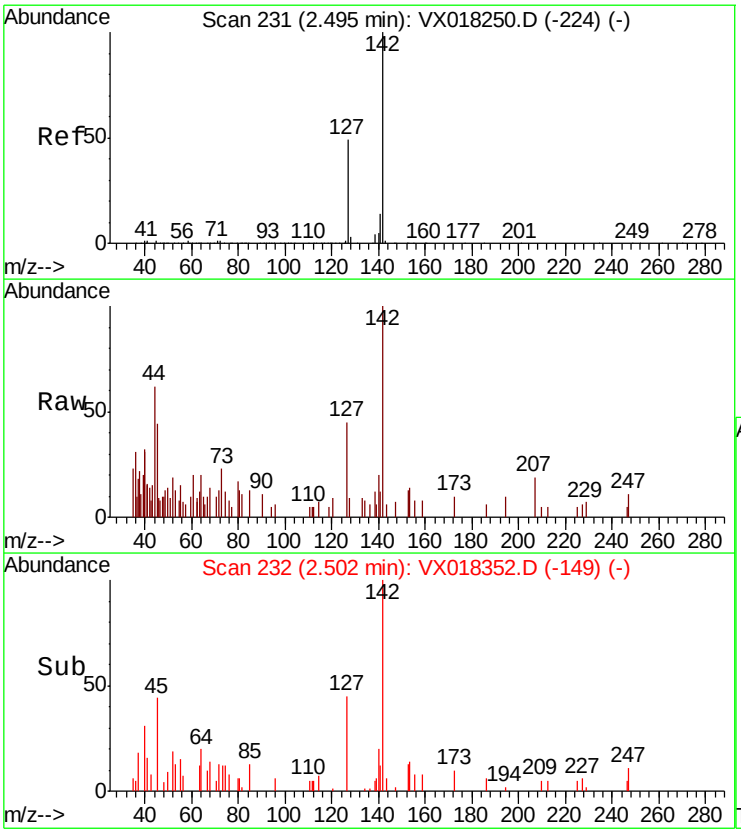
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.98 min Scan# 639
Delta R.T. 0.01 min
Lab File: VX018352.D
Acq: 11 Sep 2020 11:16

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:128 Resp: 79344

Ion	Ratio	Lower	Upper
128	100		
49	149.3	0.0	392.0
130	130.3	0.0	320.2

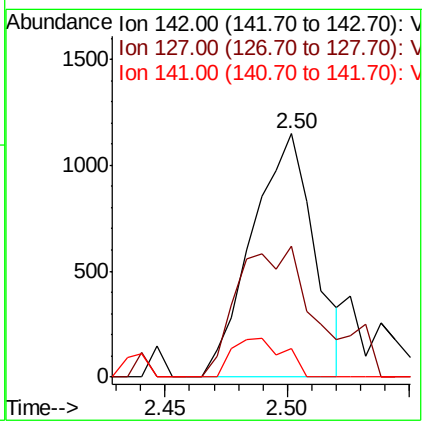


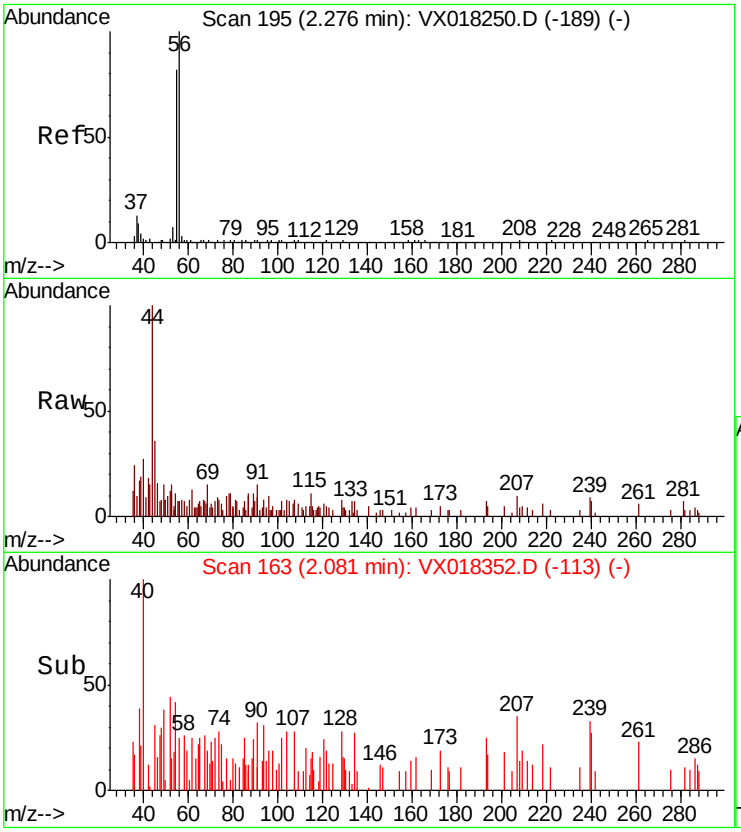


#11
Methyl Iodide
Concen: 7.891 ug/l
RT: 2.50 min Scan# 232
Delta R.T. 0.01 min
Lab File: VX018352.D
Acq: 11 Sep 2020 11:16

Tgt Ion:142 Resp: 2031

Ion	Ratio	Lower	Upper
142	100		
127	53.7	24.6	74.0
141	13.5	7.0	21.0



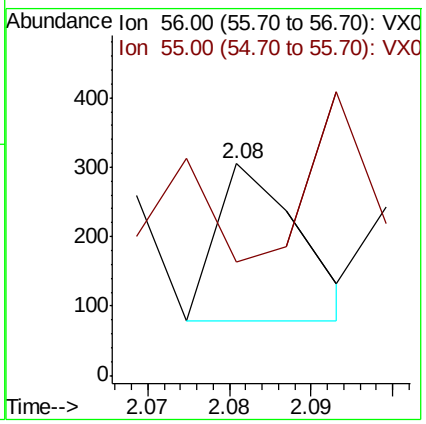


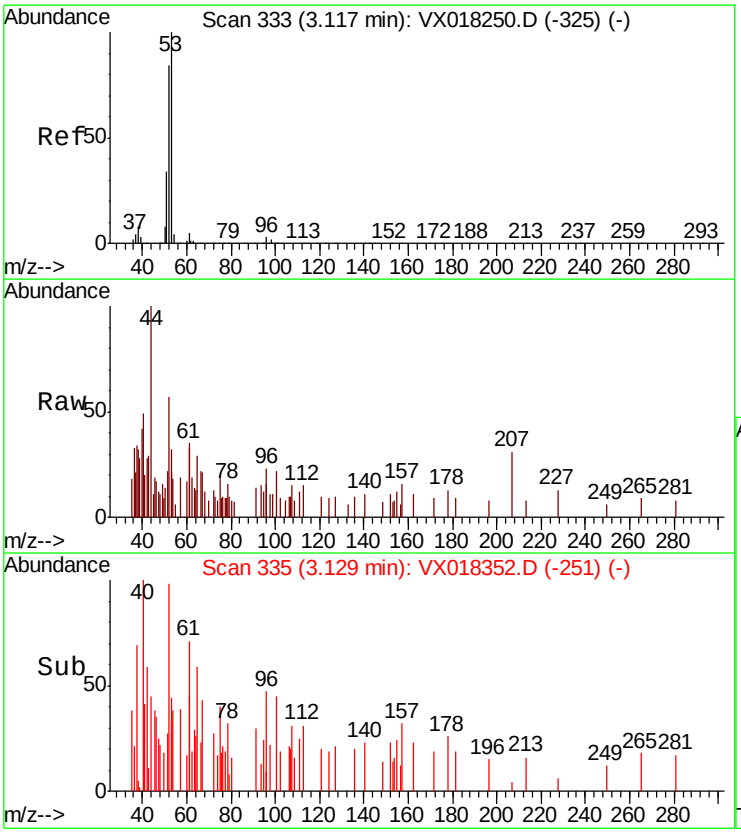
#13
Acrolein
Concen: 0.380 ug/l
RT: 2.08 min Scan# 163
Delta R.T. -0.19 min
Lab File: VX018352.D
Acq: 11 Sep 2020 11:16

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 56 Resp: 161

Ion	Ratio	Lower	Upper
56	100		
55	73.9	59.7	89.5

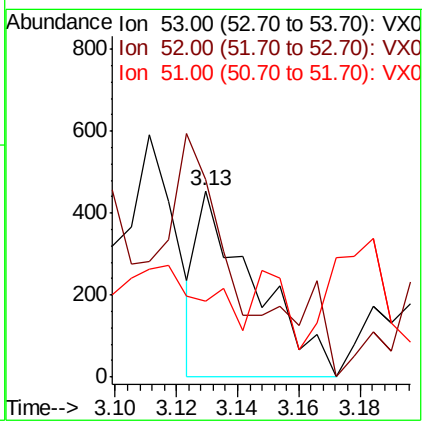


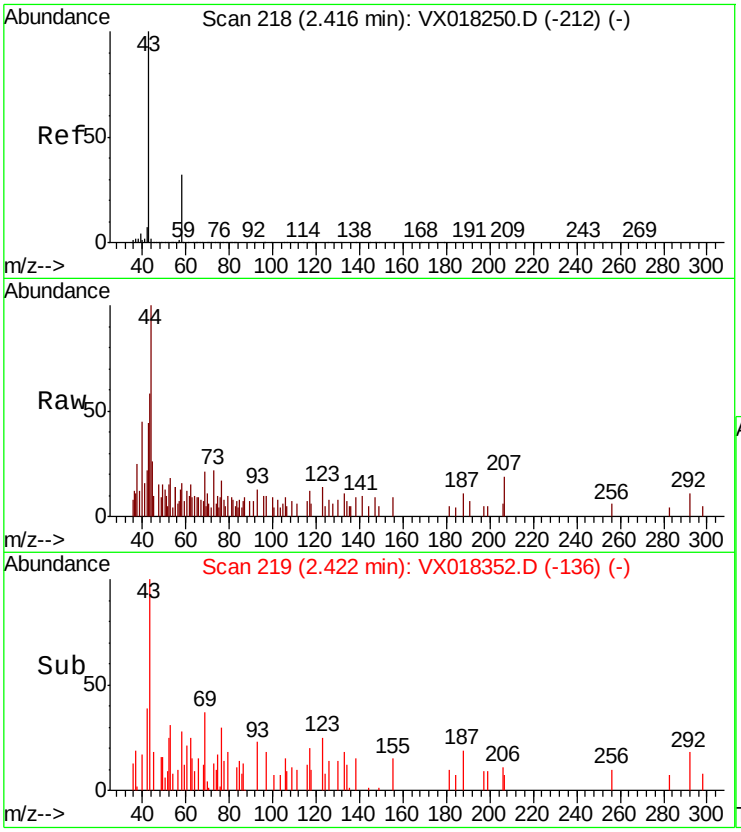


#14
Acrylonitrile
Concen: 0.247 ug/l
RT: 3.13 min Scan# 335
Delta R.T. 0.01 min
Lab File: VX018352.D
Acq: 11 Sep 2020 11:16

Tgt Ion: 53 Resp: 587

Ion	Ratio	Lower	Upper
53	100		
52	112.9	41.9	125.7
51	15.0	18.3	54.8#



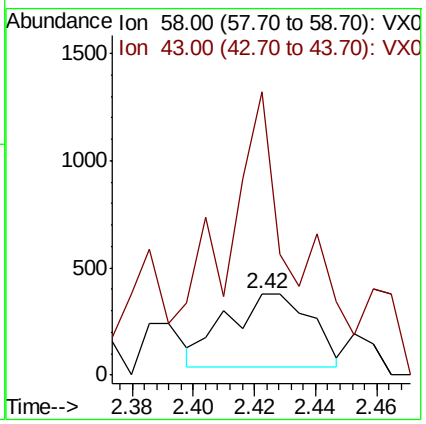


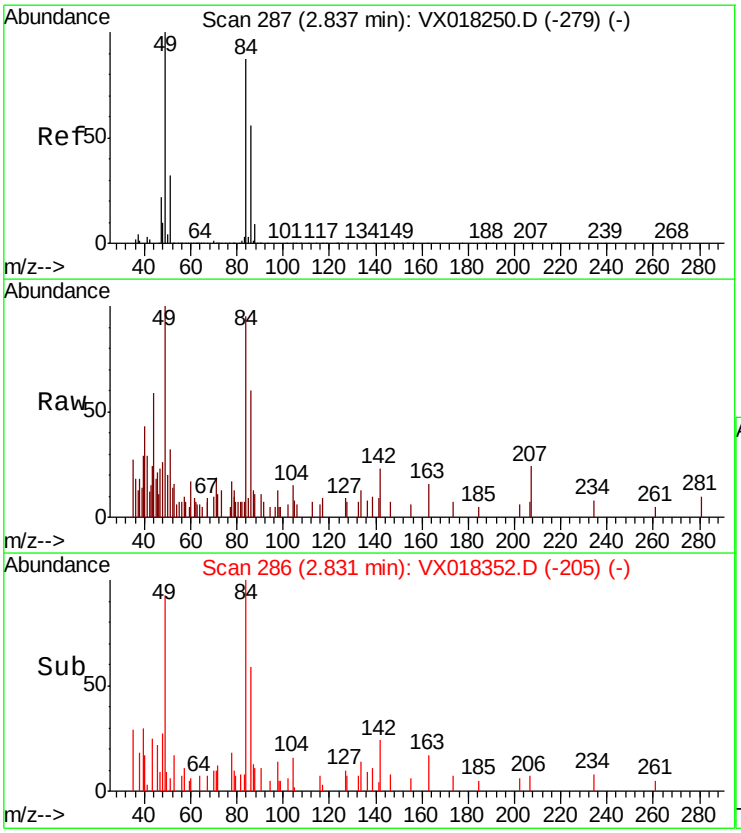
#15
Acetone
Concen: 1.009 ug/l
RT: 2.42 min Scan# 219
Delta R.T. 0.01 min
Lab File: VX018352.D
Acq: 11 Sep 2020 11:16

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 58 Resp: 653

Ion	Ratio	Lower	Upper
58	100		
43	325.4	248.2	372.2

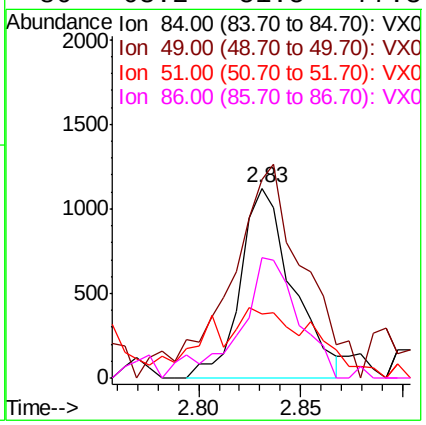


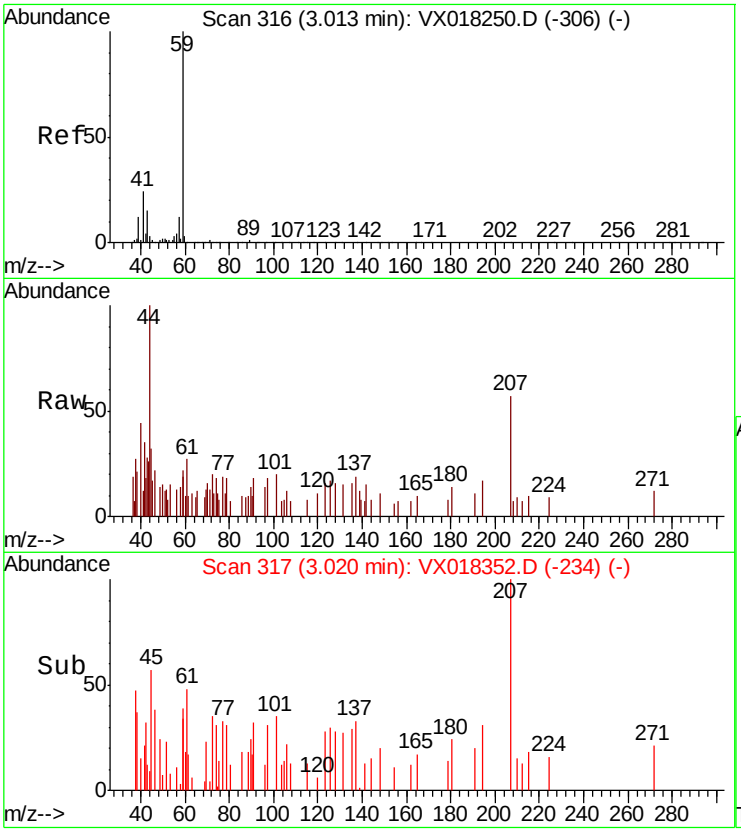


#18
Methylene Chloride
Concen: 0.429 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX018352.D
Acq: 11 Sep 2020 11:16

Tgt Ion: 84 Resp: 2009

Ion	Ratio	Lower	Upper
84	100		
49	84.6	91.6	137.4#
51	18.6	29.4	44.0#
86	63.2	51.5	77.3



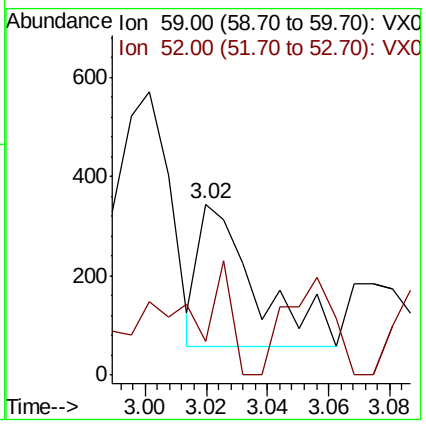


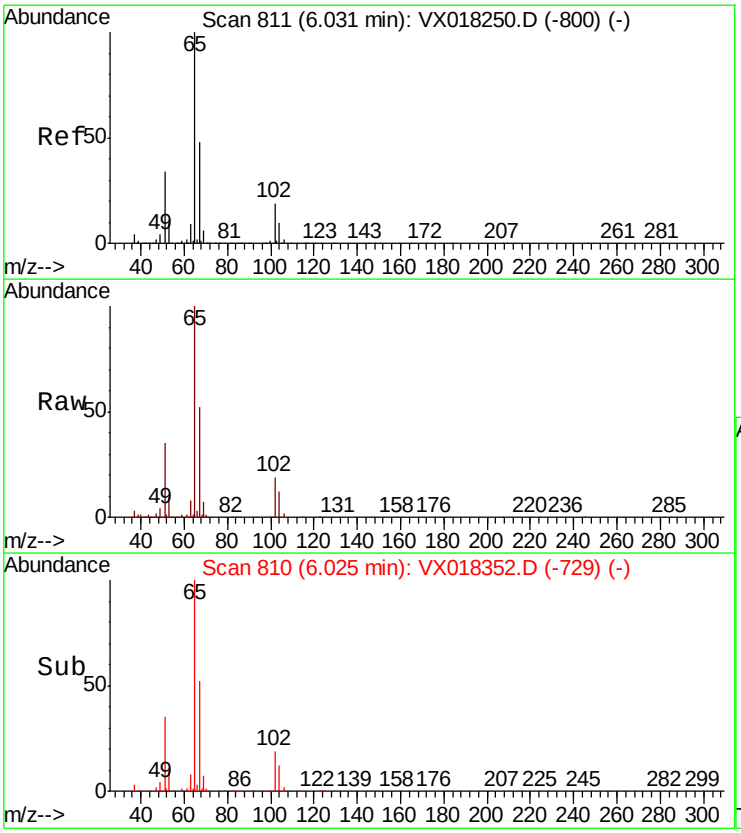
#23
tert-Butyl Alcohol
Concen: 0.361 ug/l
RT: 3.02 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX018352.D
Acq: 11 Sep 2020 11:16

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 59 Resp: 372

Ion	Ratio	Lower	Upper
59	100		
52	22.6	0.4	0.6#

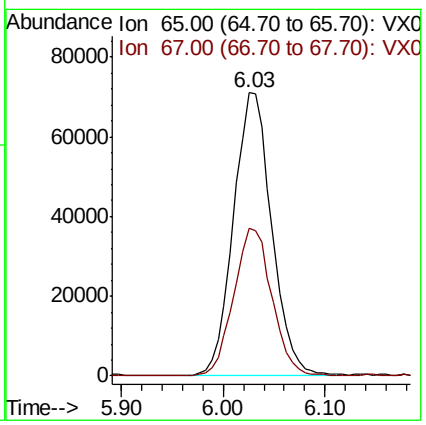


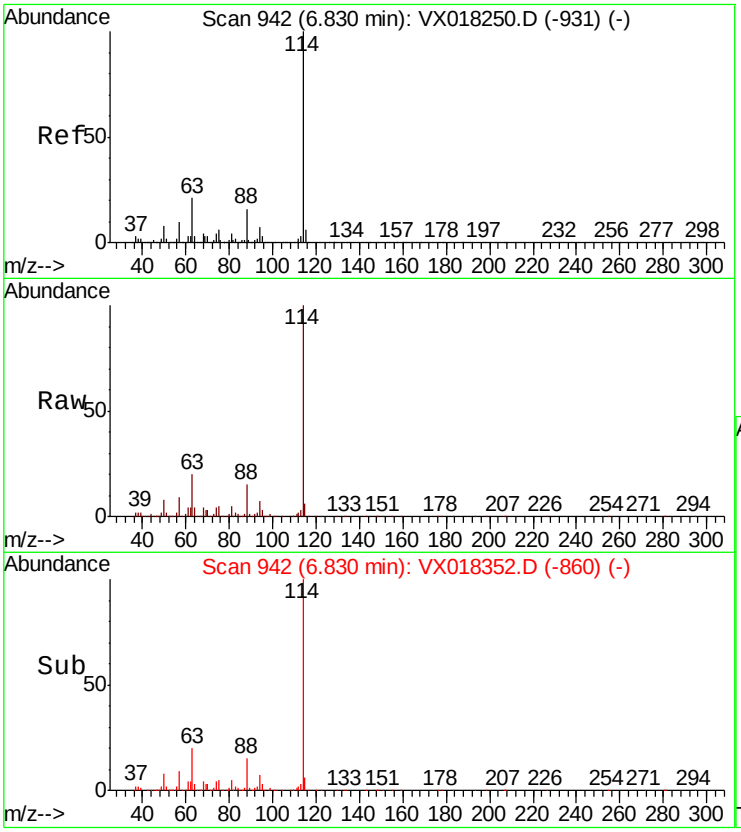


#27
1,2-Dichloroethane-d4
Concen: 29.557 ug/l
RT: 6.03 min Scan# 810
Delta R.T. -0.01 min
Lab File: VX018352.D
Acq: 11 Sep 2020 11:16

Tgt Ion: 65 Resp: 185017

Ion	Ratio	Lower	Upper
65	100		
67	52.1	39.9	59.9



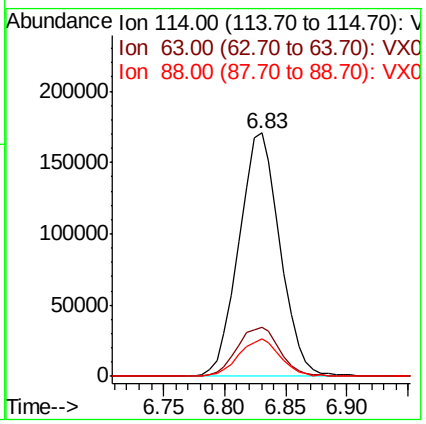


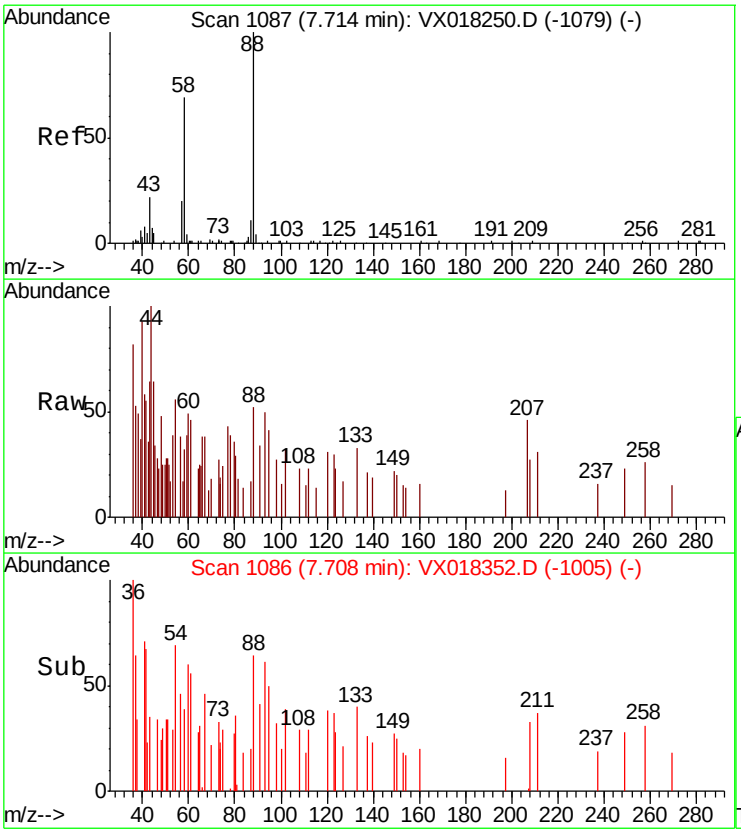
#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.83 min Scan# 942
Delta R.T. 0.00 min
Lab File: VX018352.D
Acq: 11 Sep 2020 11:16

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:114 Resp: 397923

Ion	Ratio	Lower	Upper
114	100		
63	21.2	16.7	25.1
88	15.6	12.6	18.8

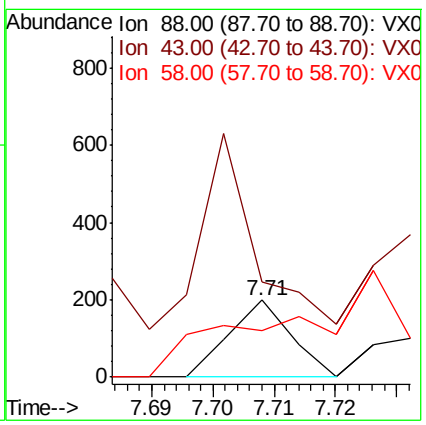


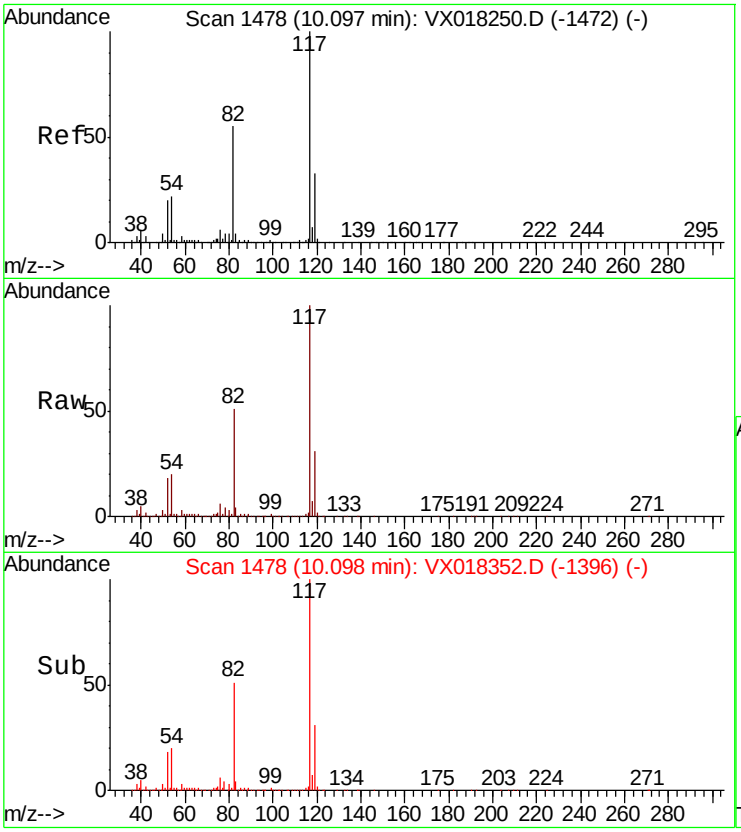


#45
1,4-Dioxane
Concen: 1.550 ug/l
RT: 7.71 min Scan# 1086
Delta R.T. -0.01 min
Lab File: VX018352.D
Acq: 11 Sep 2020 11:16

Tgt Ion: 88 Resp: 138

Ion	Ratio	Lower	Upper
88	100		
43	0.0	13.6	20.4#
58	71.0	58.2	87.4



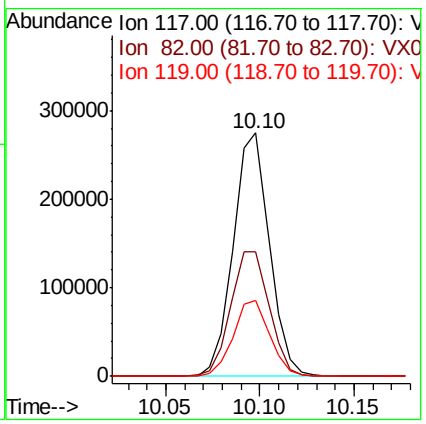


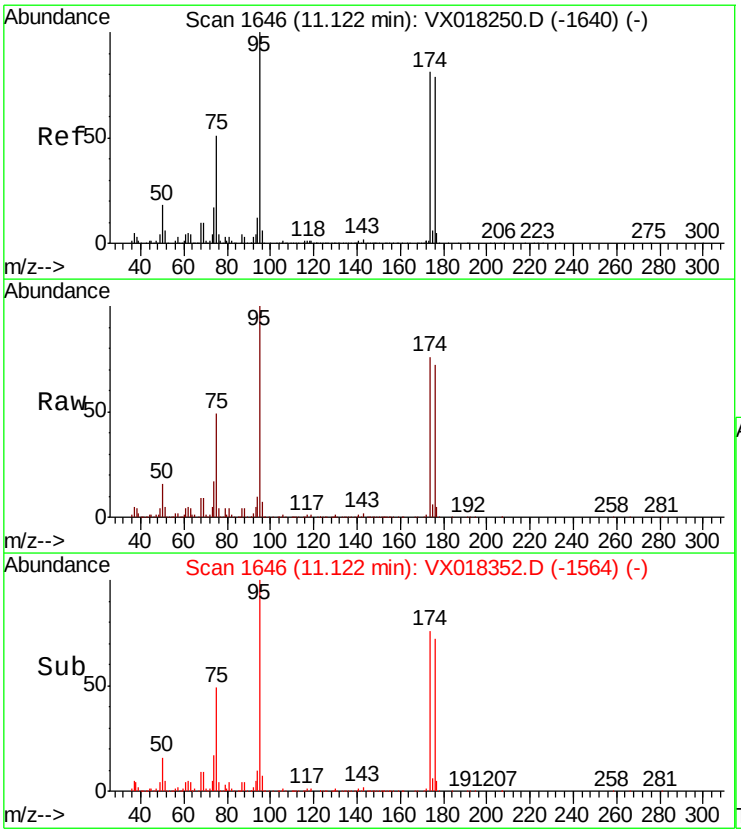
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX018352.D
Acq: 11 Sep 2020 11:16

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 365080

Ion	Ratio	Lower	Upper
117	100		
82	54.8	44.2	66.4
119	31.7	26.1	39.1

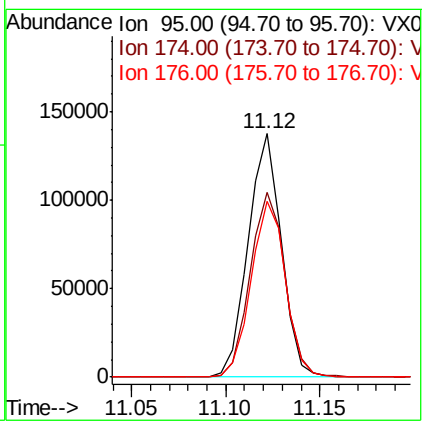


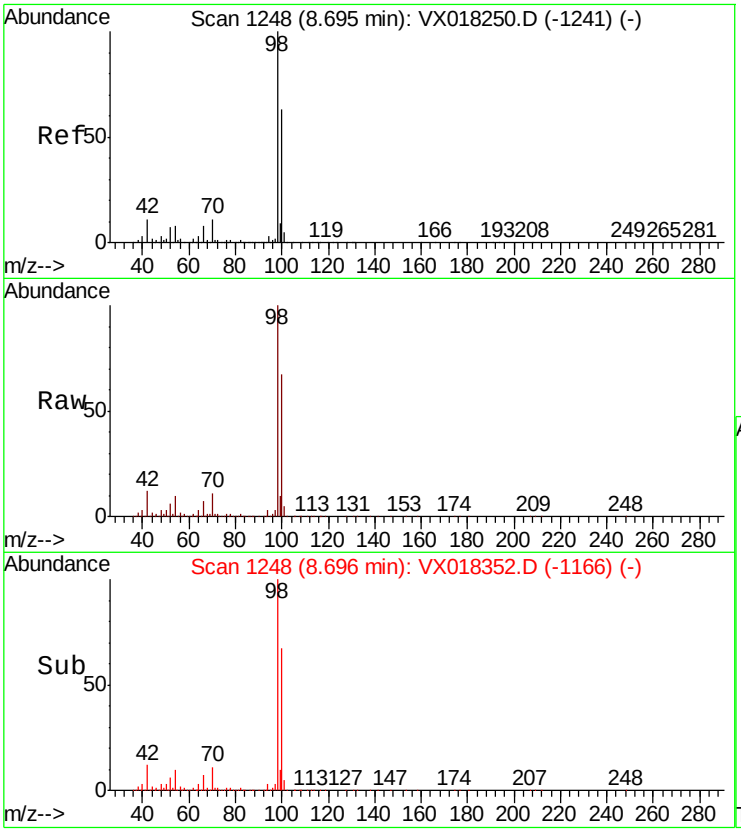


#60
4-Bromofluorobenzene
Concen: 26.663 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX018352.D
Acq: 11 Sep 2020 11:16

Tgt Ion: 95 Resp: 168720

Ion	Ratio	Lower	Upper
95	100		
174	78.9	64.2	96.4
176	74.7	62.2	93.4



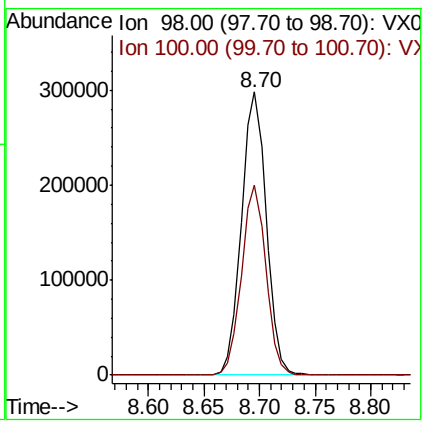


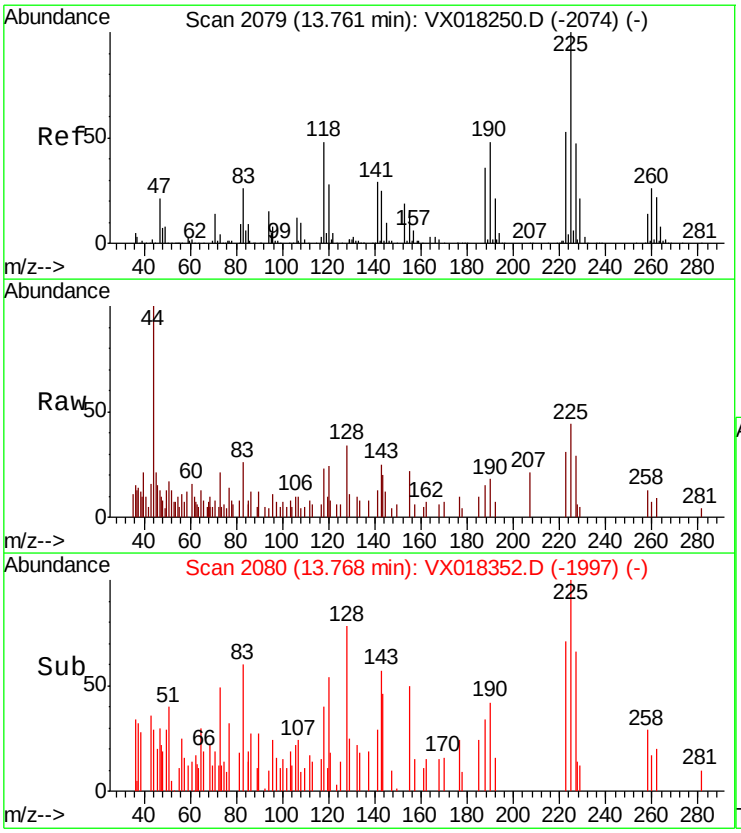
#63
Toluene-d8
Concen: 28.828 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX018352.D
Acq: 11 Sep 2020 11:16

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 98 Resp: 463873

Ion	Ratio	Lower	Upper
98	100		
100	65.6	51.4	77.0





#90
Hexachlorobutadiene
Concen: 0.330 ug/l
RT: 13.77 min Scan# 2080
Delta R.T. 0.01 min
Lab File: VX018352.D
Acq: 11 Sep 2020 11:16

Tgt Ion:225 Resp: 883

Ion	Ratio	Lower	Upper
225	100		
223	29.8	0.0	115.8
227	50.7	0.0	117.0