Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121719\
Data File : VX014073.D
Acq On : 18 Dec 2019 01:27
Operator : JC/SP
Sample : K6353-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : TT-TB-20191216

Quant Time: Dec 18 07:22:41 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X121219W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Dec 13 01:35:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.00	128	89810	30.00	ug/l		0.00
28) 1,4-Difluorobenzene	6.85	114	497199	30.00	ug/l		0.00
57) Chlorobenzene-d5	10.10	117	431105	30.00	ug/l		0.00
System Monitoring Compounds							
27) 1,2-Dichloroethane-d4	6.05	65	193915	30.15	ug/l		0.00
Spiked Amount 30.000	Range 50 - 169		Recovery = 100.50%				
60) 4-Bromofluorobenzene	11.13	95	192479	27.65	ug/l		0.00
Spiked Amount 30.000	Range 56 - 143		Recovery = 92.17%				
63) Toluene-d8	8.71	98	590221	30.63	ug/l		0.00
Spiked Amount 30.000	Range 66 - 137		Recovery = 102.10%				
Target Compounds							Qvalue
14) Acrylonitrile	3.14	53	613	0.201	ug/l		89
15) Acetone	2.42	58	3752	4.196	ug/l		80
18) Methylene Chloride	2.85	84	1551	0.252	ug/l	#	83
30) 2-Butanone	4.68	43	1206	0.285	ug/l	#	49
45) 1,4-Dioxane	7.72	88	179	1.405	ug/l	#	1
51) Ethyl methacrylate	8.71	69	2355	0.258	ug/l		67
55) 2-Chloroethyl vinyl ether	8.31	63	1464	0.364	ug/l	#	36
88) 1,2-Dibromo-3-Chloropropan	13.00	75	367	0.211	ug/l	#	80
90) Hexachlorobutadiene	13.77	225	734	0.208	ug/l		87

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

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121719\
Data File : VX014073.D
Acq On : 18 Dec 2019 01:27
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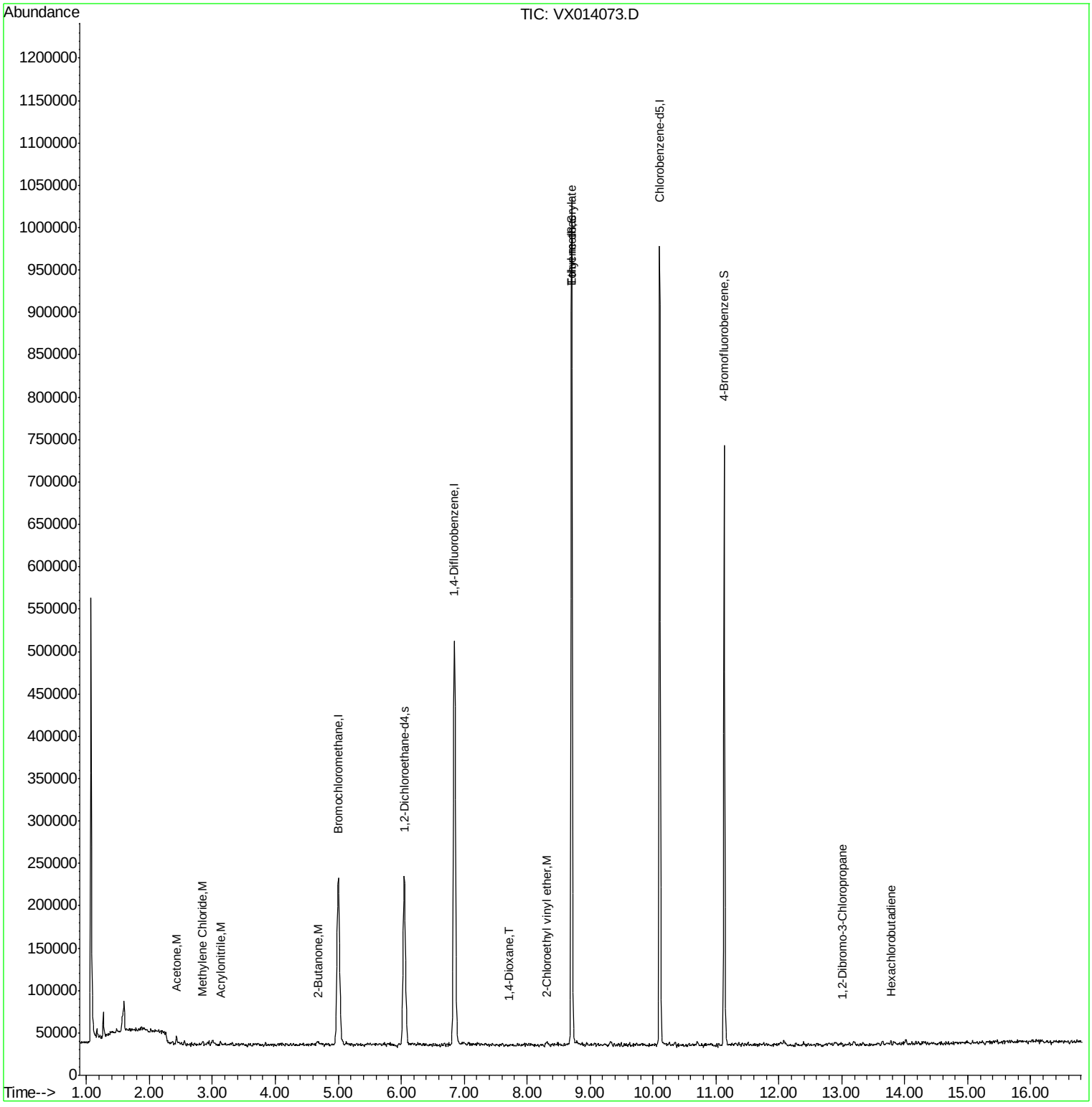
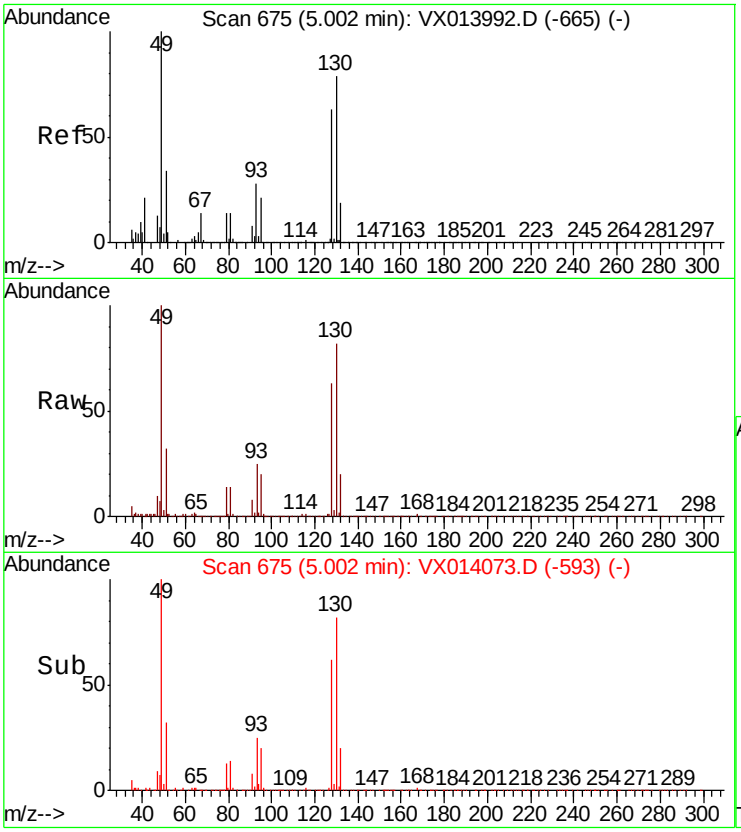
ClientSampleId : TT-TB-20191216

Quant Time: Dec 18 07:22:41 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X121219W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Dec 13 01:35:34 2019
Response via : Initial Calibration



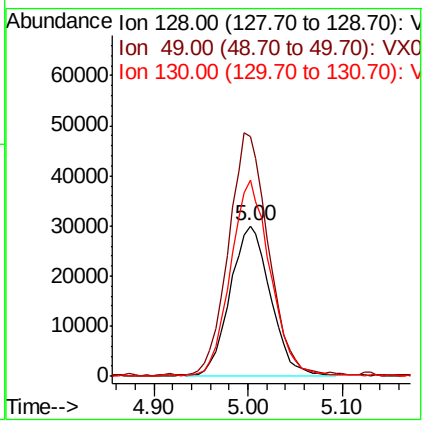


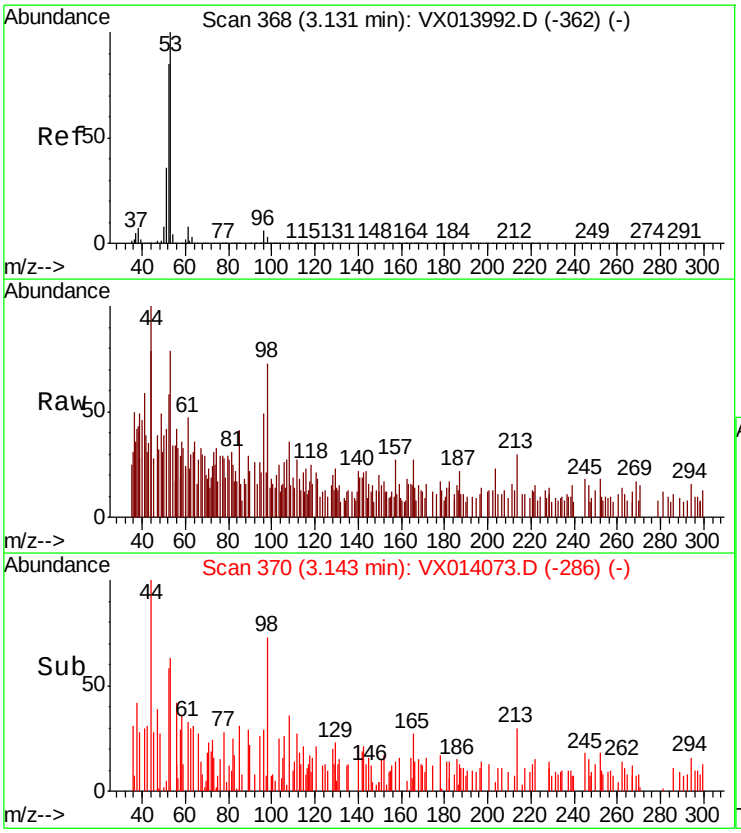
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.00 min
Lab File: VX014073.D
Acq: 18 Dec 2019 01:27

Instrument : MSVOA_X
ClientSampleId : TT-TB-20191216

Tgt Ion:128 Resp: 89810

Ion	Ratio	Lower	Upper
128	100		
49	157.9	0.0	405.0
130	126.3	0.0	321.5

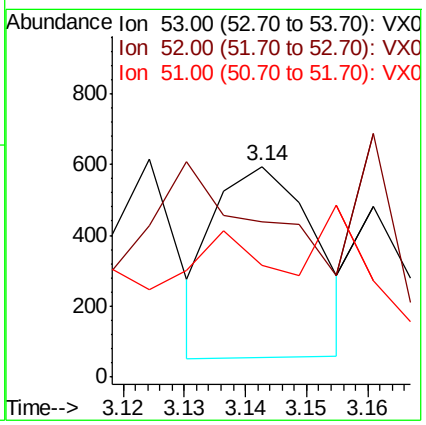


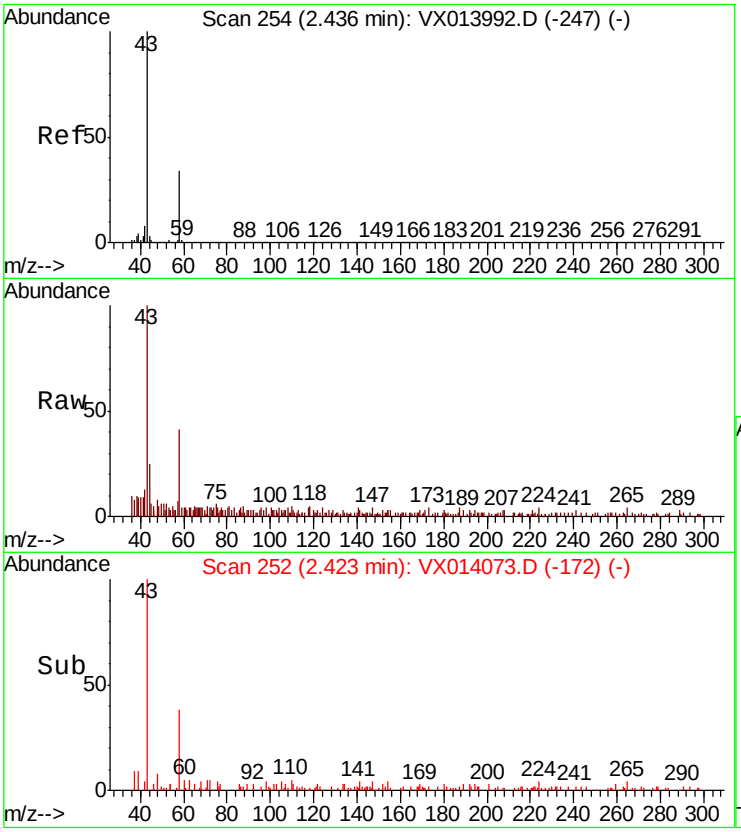


#14
Acrylonitrile
Concen: 0.201 ug/l
RT: 3.14 min Scan# 370
Delta R.T. 0.01 min
Lab File: VX014073.D
Acq: 18 Dec 2019 01:27

Tgt Ion: 53 Resp: 613

Ion	Ratio	Lower	Upper
53	100		
52	91.2	41.5	124.6
51	26.6	17.8	53.5



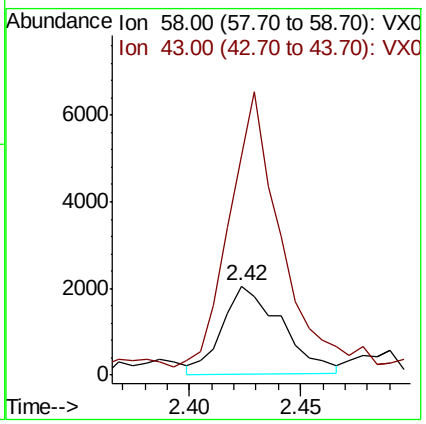


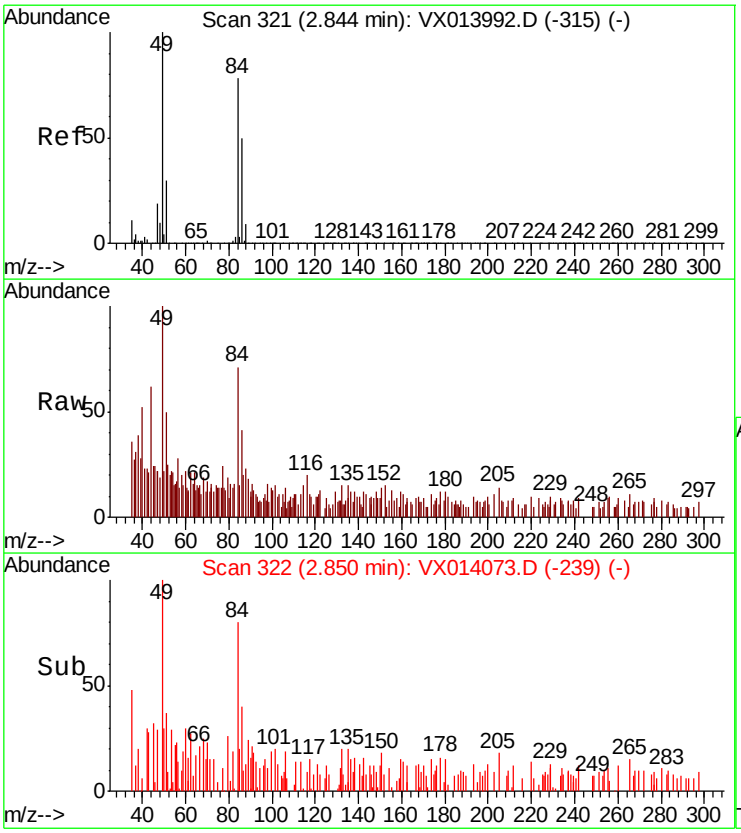
#15
Acetone
Concen: 4.196 ug/l
RT: 2.42 min Scan# 252
Delta R.T. -0.01 min
Lab File: VX014073.D
Acq: 18 Dec 2019 01:27

Instrument :
MSVOA_X
ClientSampleId :
TT-TB-20191216

Tgt Ion: 58 Resp: 3752

Ion	Ratio	Lower	Upper
58	100		
43	256.1	236.3	354.5

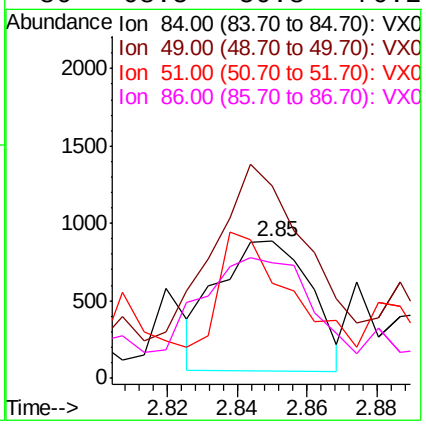


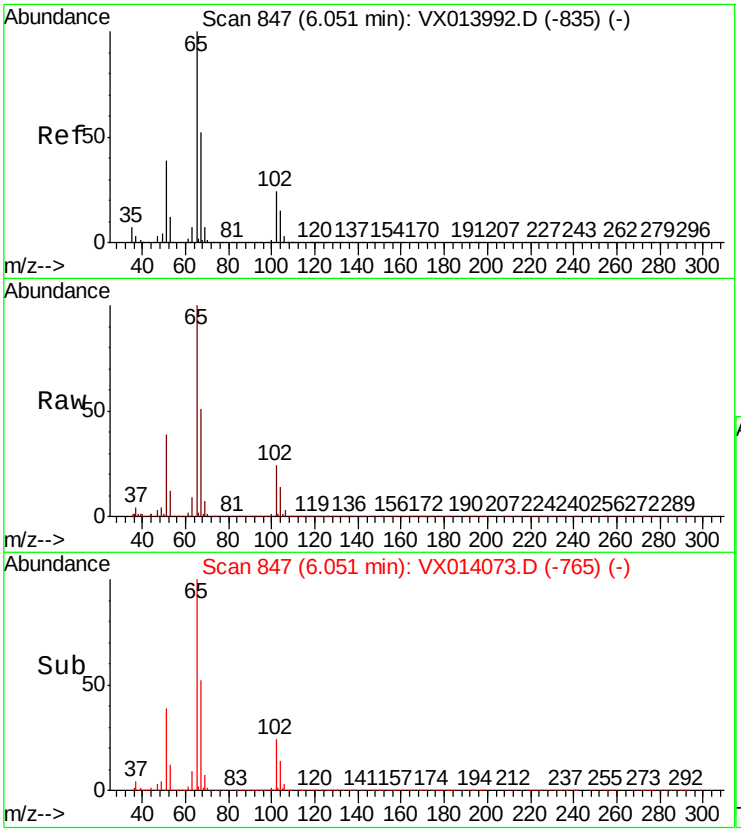


#18
Methylene Chloride
Concen: 0.252 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.01 min
Lab File: VX014073.D
Acq: 18 Dec 2019 01:27

Tgt Ion: 84 Resp: 1551

Ion	Ratio	Lower	Upper
84	100		
49	109.2	102.2	153.2
51	61.9	31.4	47.0#
86	68.5	50.8	76.2



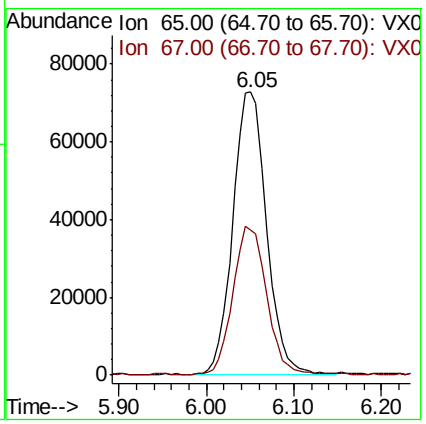


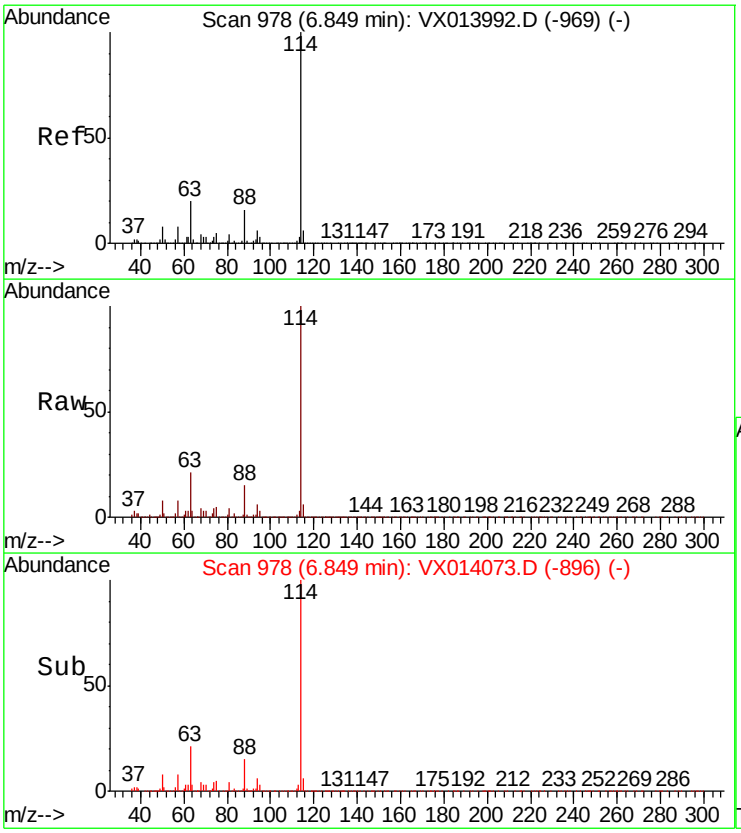
#27
1,2-Dichloroethane-d4
Concen: 30.149 ug/l
RT: 6.05 min Scan# 847
Delta R.T. -0.00 min
Lab File: VX014073.D
Acq: 18 Dec 2019 01:27

Instrument :
MSVOA_X
ClientSampleId :
TT-TB-20191216

Tgt Ion: 65 Resp: 193915

Ion	Ratio	Lower	Upper
65	100		
67	52.5	43.1	64.7

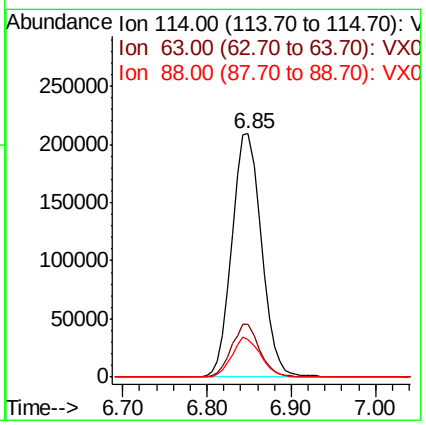


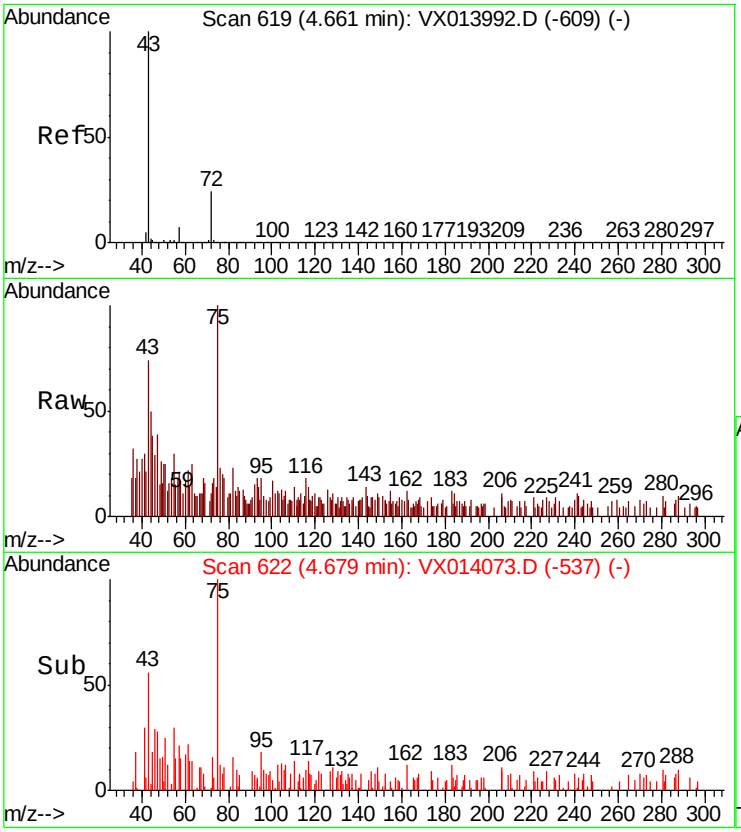


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. -0.00 min
Lab File: VX014073.D
Acq: 18 Dec 2019 01:27

Tgt Ion:114 Resp: 497199

Ion	Ratio	Lower	Upper
114	100		
63	20.7	16.1	24.1
88	15.7	12.5	18.7



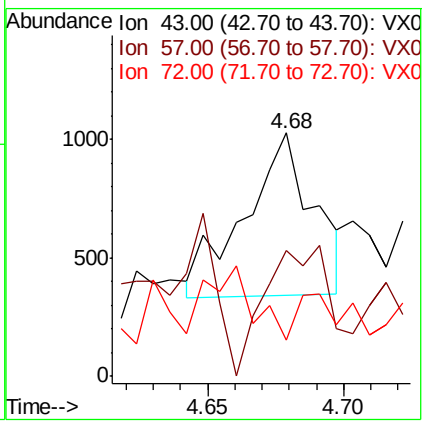


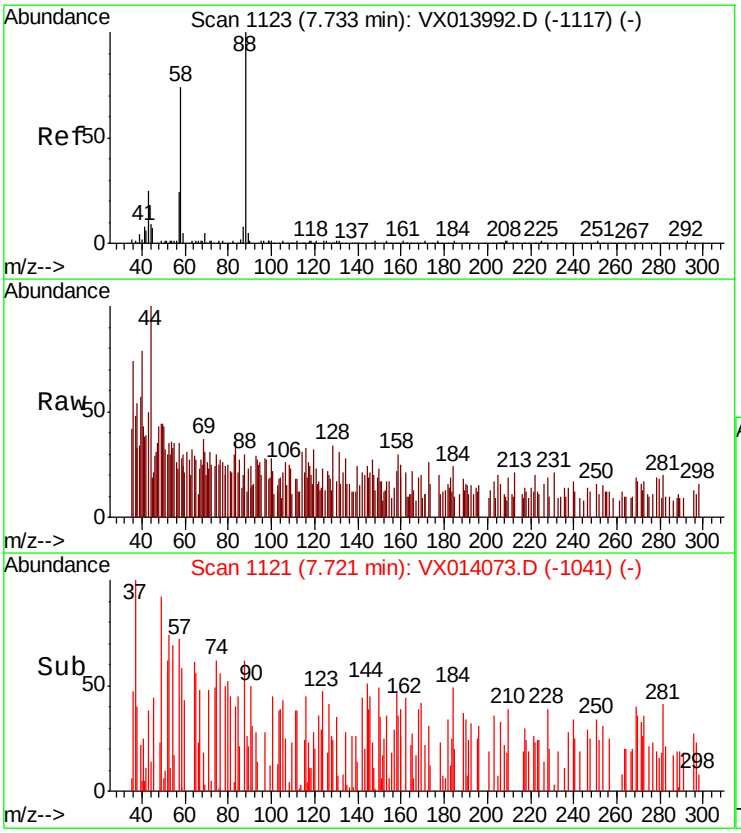
#30
2-Butanone
Concen: 0.285 ug/l
RT: 4.68 min Scan# 622
Delta R.T. 0.02 min
Lab File: VX014073.D
Acq: 18 Dec 2019 01:27

Instrument : MSVOA_X
ClientSampleId : TT-TB-20191216

Tgt Ion: 43 Resp: 1206

Ion	Ratio	Lower	Upper
43	100		
57	78.0	6.2	9.2#
72	22.4	20.3	30.5

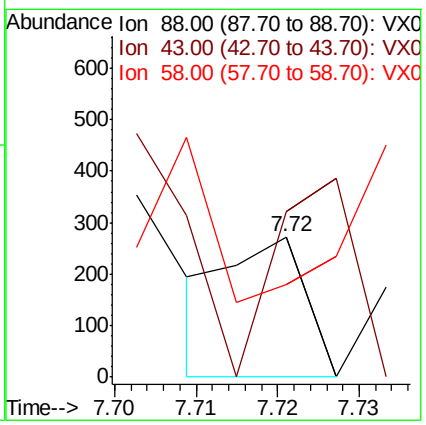


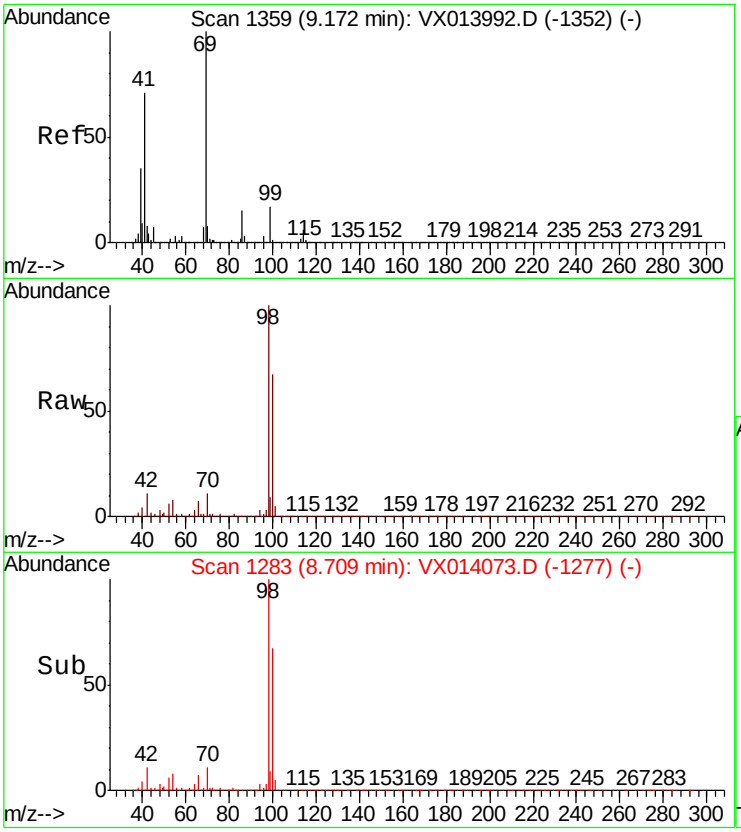


#45
1,4-Dioxane
Concen: 1.405 ug/l
RT: 7.72 min Scan# 1121
Delta R.T. -0.01 min
Lab File: VX014073.D
Acq: 18 Dec 2019 01:27

Tgt Ion: 88 Resp: 179

Ion	Ratio	Lower	Upper
88	100		
43	144.7	25.4	38.2#
58	130.2	56.5	84.7#



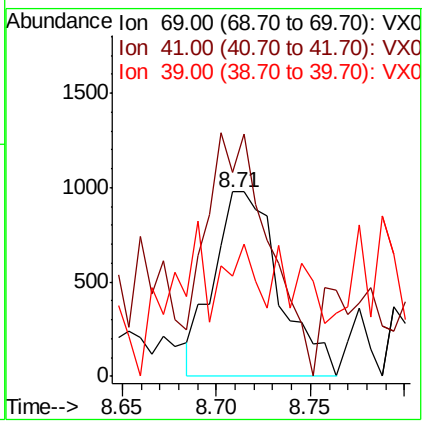


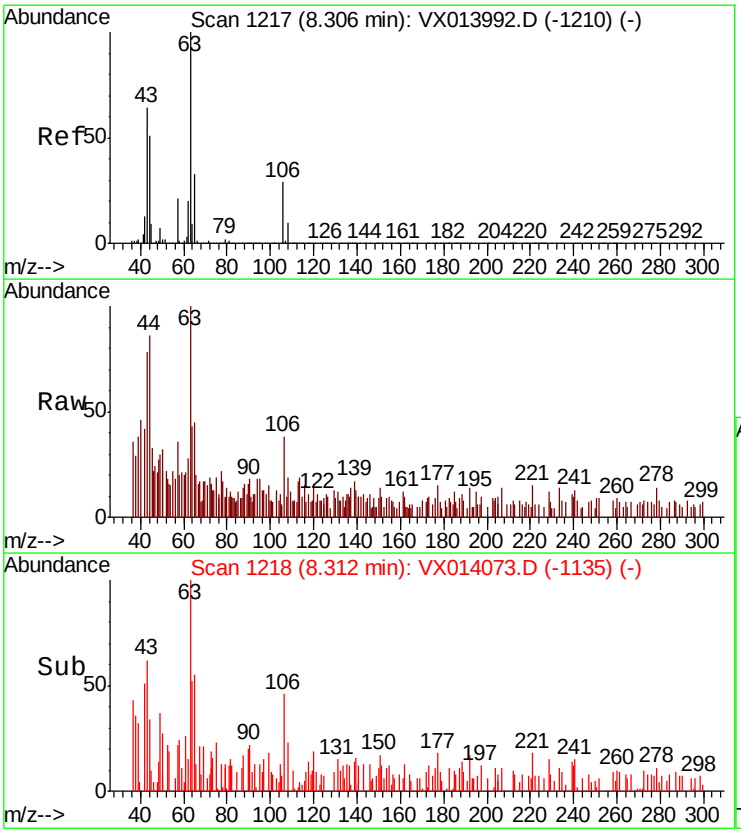
#51
Ethyl methacrylate
Concen: 0.258 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.46 min
Lab File: VX014073.D
Acq: 18 Dec 2019 01:27

Instrument :
MSVOA_X
ClientSampleId :
TT-TB-20191216

Tgt Ion: 69 Resp: 2355

Ion	Ratio	Lower	Upper
69	100		
41	104.4	35.4	106.1
39	25.1	17.8	53.3

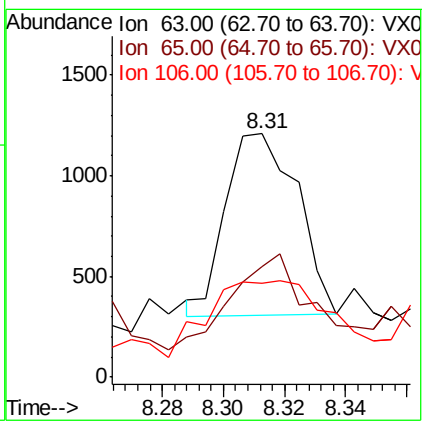


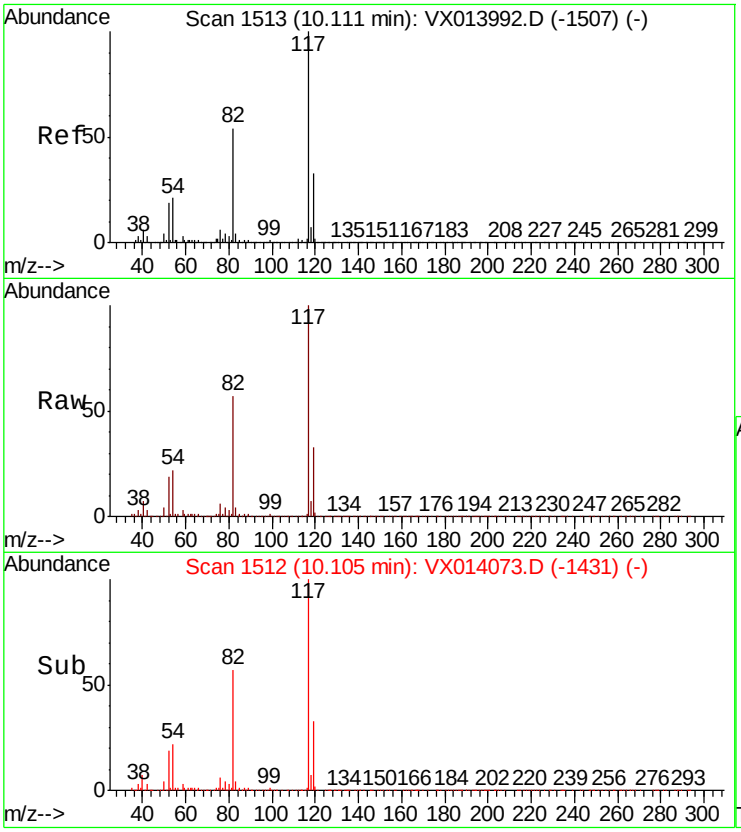


#55
2-Chloroethyl vinyl ether
Concen: 0.364 ug/l
RT: 8.31 min Scan# 1218
Delta R.T. 0.01 min
Lab File: VX014073.D
Acq: 18 Dec 2019 01:27

Tgt Ion: 63 Resp: 1464

Ion	Ratio	Lower	Upper
63	100		
65	59.7	25.8	38.6#
106	70.9	22.9	34.3#



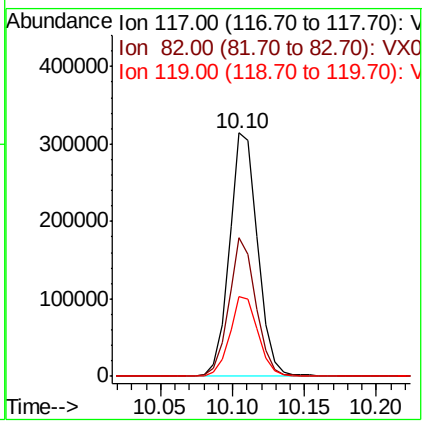


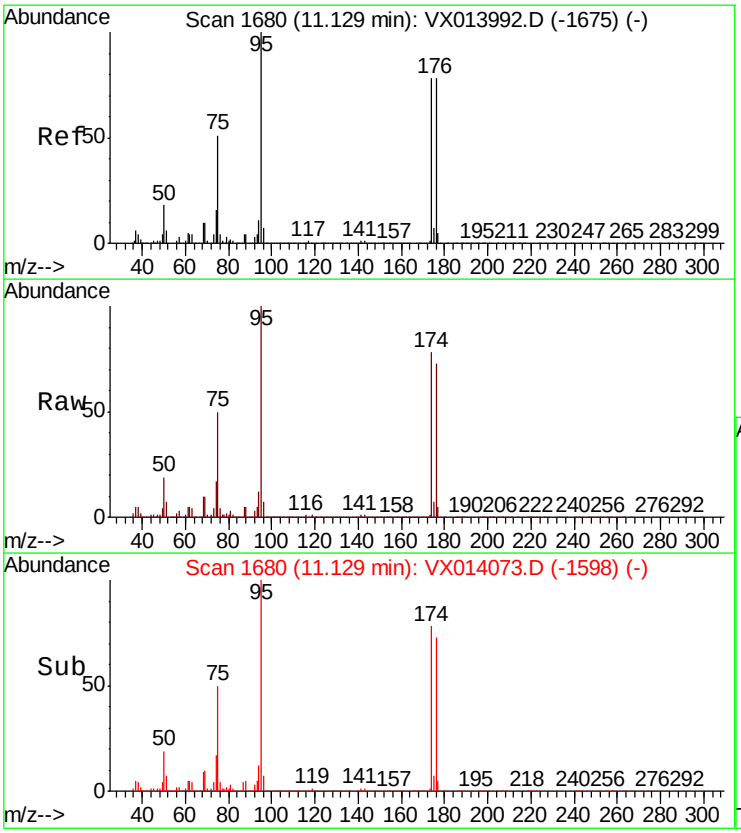
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014073.D
Acq: 18 Dec 2019 01:27

Instrument :
MSVOA_X
ClientSampleId :
TT-TB-20191216

Tgt Ion:117 Resp: 431105

Ion	Ratio	Lower	Upper
117	100		
82	54.6	43.8	65.6
119	32.4	25.8	38.6

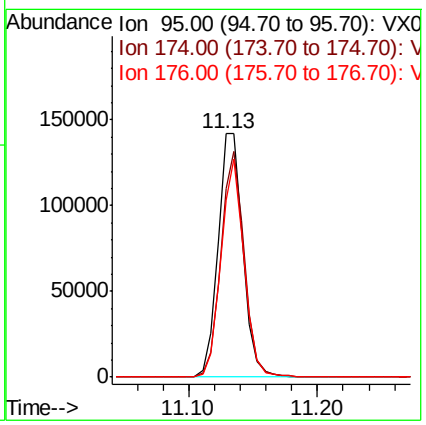


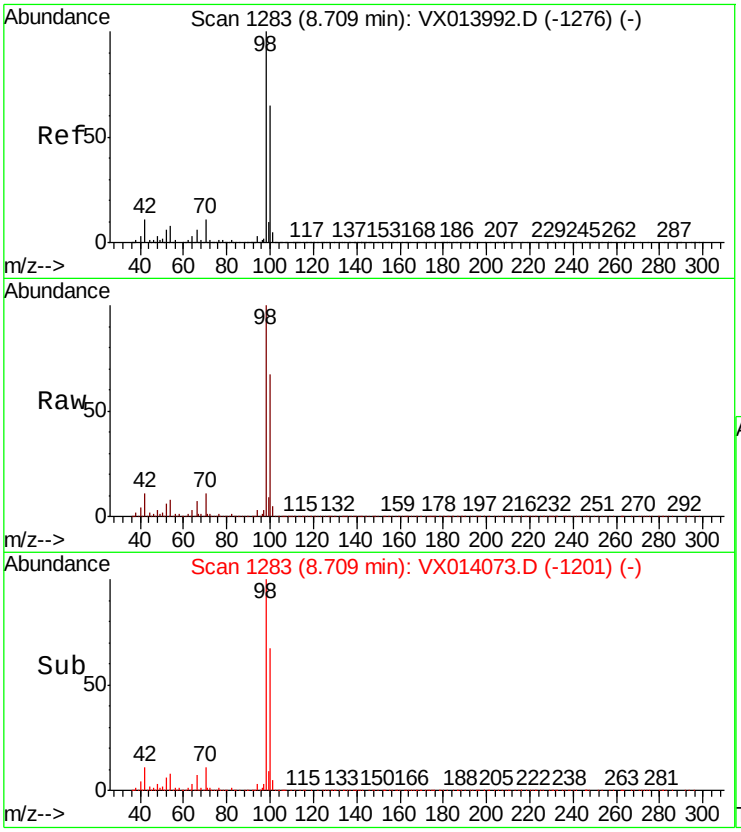


#60
4-Bromofluorobenzene
Concen: 27.649 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.00 min
Lab File: VX014073.D
Acq: 18 Dec 2019 01:27

Tgt Ion: 95 Resp: 192479

Ion	Ratio	Lower	Upper
95	100		
174	86.9	70.2	105.2
176	83.0	68.3	102.5



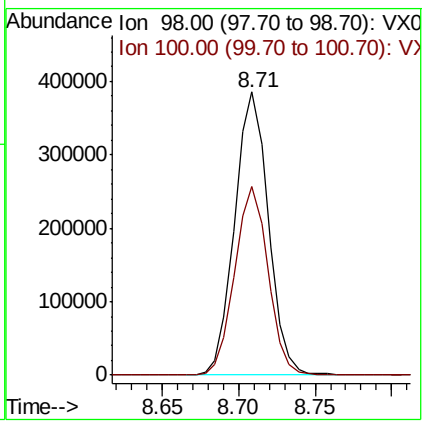


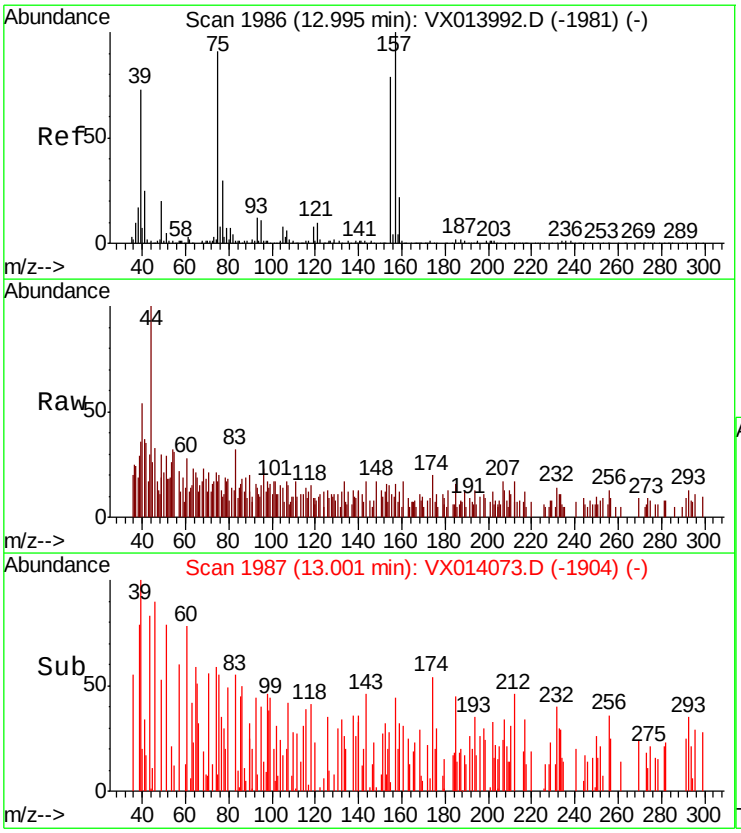
#63
Toluene-d8
Concen: 30.629 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX014073.D
Acq: 18 Dec 2019 01:27

Instrument :
MSVOA_X
ClientSampleId :
TT-TB-20191216

Tgt Ion: 98 Resp: 590221

Ion	Ratio	Lower	Upper
98	100		
100	66.2	52.2	78.2

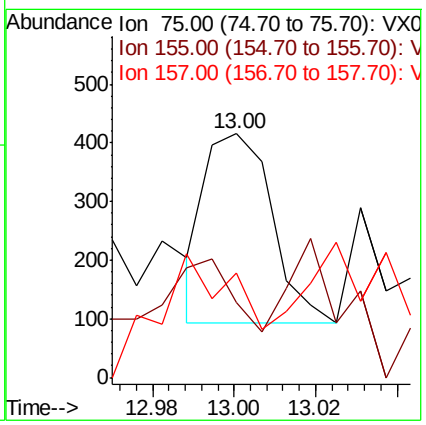


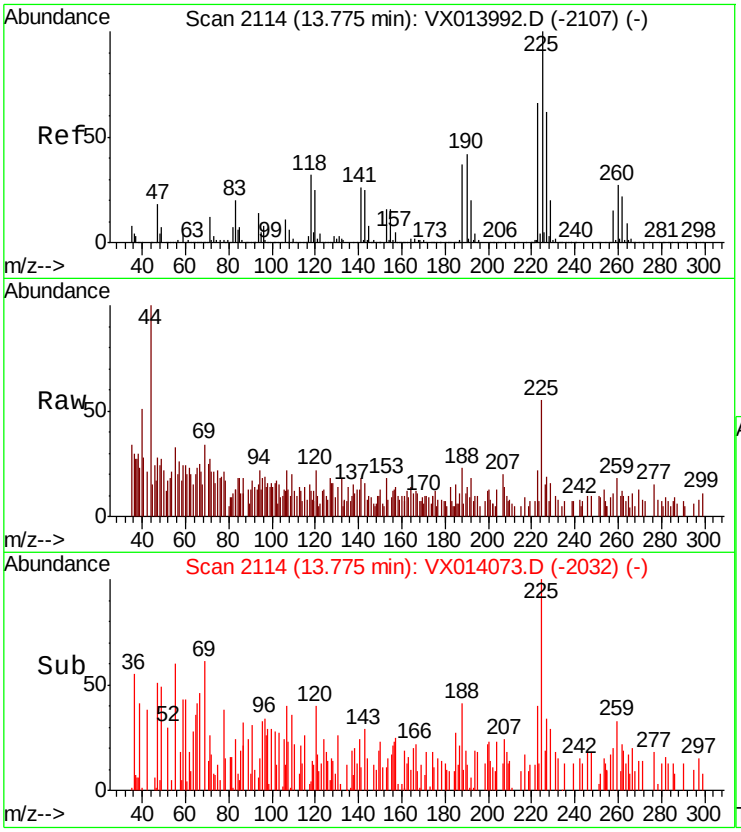


#88
1,2-Dibromo-3-Chloropropane
Concen: 0.211 ug/l
RT: 13.00 min Scan# 1987
Delta R.T. 0.01 min
Lab File: VX014073.D
Acq: 18 Dec 2019 01:27

Tgt Ion: 75 Resp: 367

Ion	Ratio	Lower	Upper
75	100		
155	91.3	73.8	110.6
157	79.6	95.0	142.4#





#90
Hexachlorobutadiene
Concen: 0.208 ug/l
RT: 13.77 min Scan# 2114
Delta R.T. -0.00 min
Lab File: VX014073.D
Acq: 18 Dec 2019 01:27

Instrument :
MSVOA_X
ClientSampleId :
TT-TB-20191216

Tgt Ion:225 Resp: 734

Ion	Ratio	Lower	Upper
225	100		
223	45.5	0.0	127.4
227	59.8	0.0	122.8