Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX102620\
Data File : VX019117.D
Acq On : 26 Oct 2020 12:51
Operator : JC/SP
Sample : VX1026WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : VX1026WBL01

Quant Time: Oct 27 05:16:50 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X102320W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Oct 26 11:58:08 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.97	128	51379	30.00	ug/l	-0.01
28) 1,4-Difluorobenzene	6.82	114	291117	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.09	117	259375	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	6.03	65	105080	30.71	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 102.37%			
60) 4-Bromofluorobenzene	11.12	95	113998	29.28	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 97.60%			
63) Toluene-d8	8.70	98	342692	29.92	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 99.73%			
Target Compounds						Qvalue
11) Methyl Iodide	2.49	142	1715	7.847	ug/l	88
13) Acrolein	2.11	56	114	0.484	ug/l	95
14) Acrylonitrile	3.12	53	467	0.388	ug/l	93
18) Methylene Chloride	2.83	84	590	0.200	ug/l #	90
56) Bromoform	11.12	173	863	0.352	ug/l #	1

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

Quantitation Report (Not Reviewed)

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Operator : JC/SP
Sample : VX1026WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1026WBL01

Quant Time: Oct 27 05:16:50 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X102320W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Oct 26 11:58:08 2020
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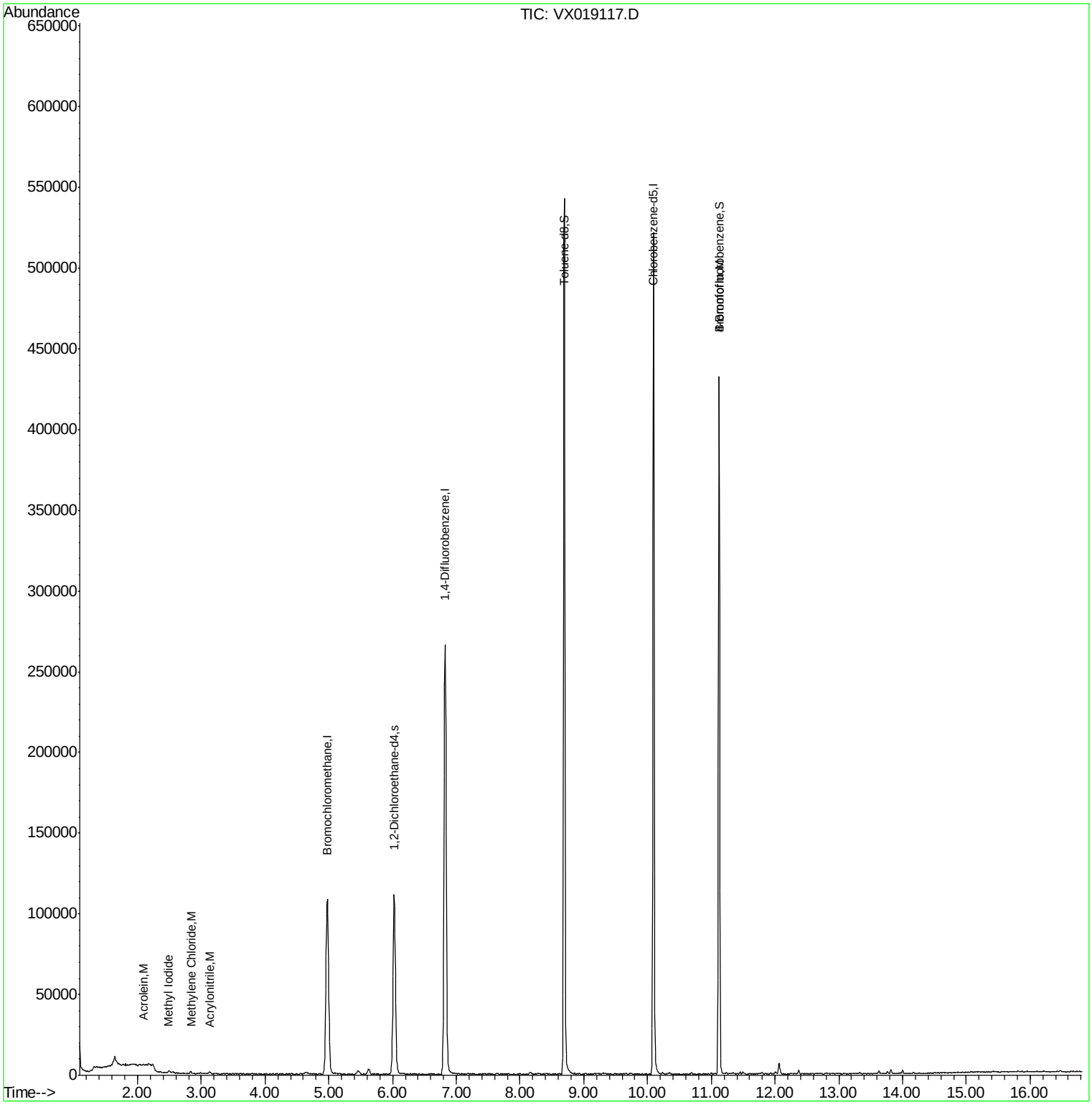
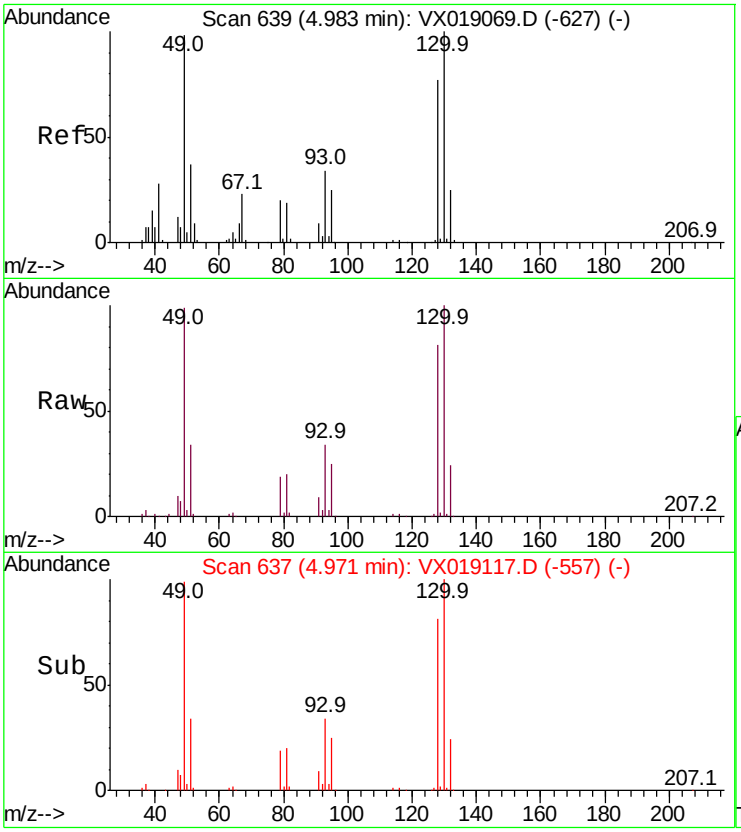


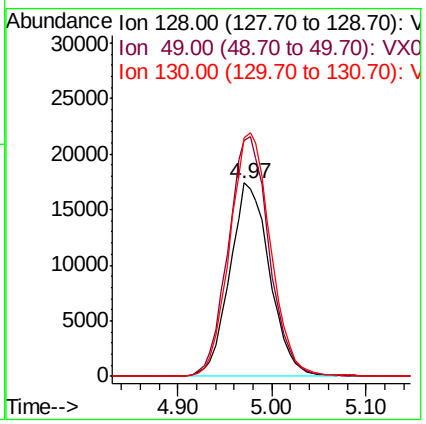


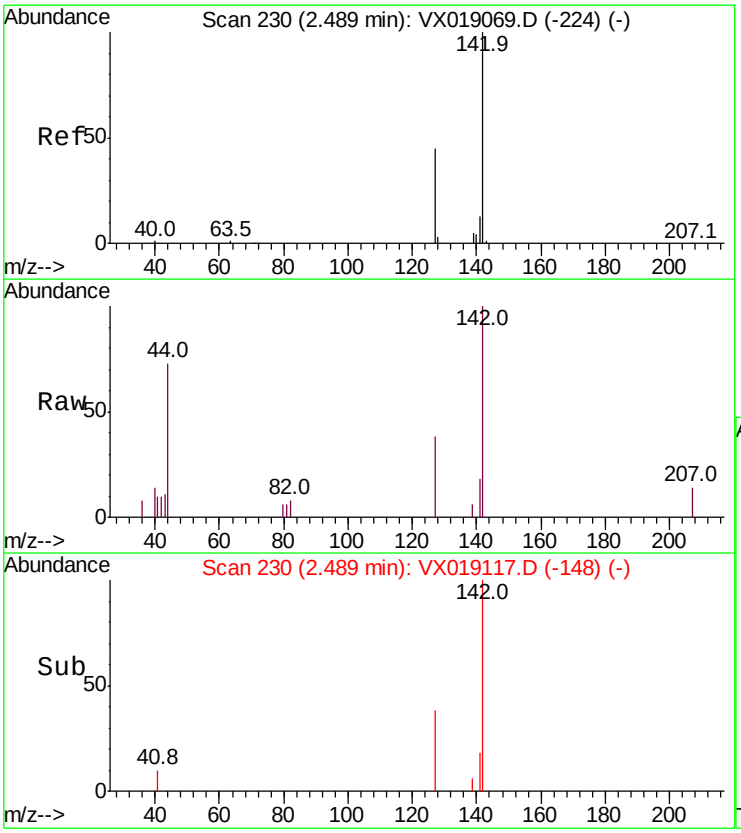
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.97 min Scan# 637
Delta R.T. -0.01 min
Lab File: VX019117.D
Acq: 26 Oct 2020 12:51

Instrument :
MSVOA_X
ClientSampleId :
VX1026WBL01

Tgt Ion:128 Resp: 51379

Ion	Ratio	Lower	Upper
128	100		
49	126.9	0.0	318.8
130	128.8	0.0	321.8

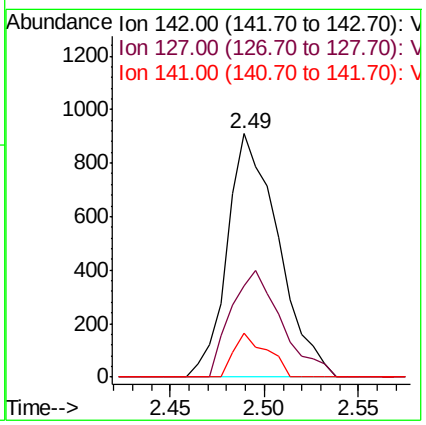


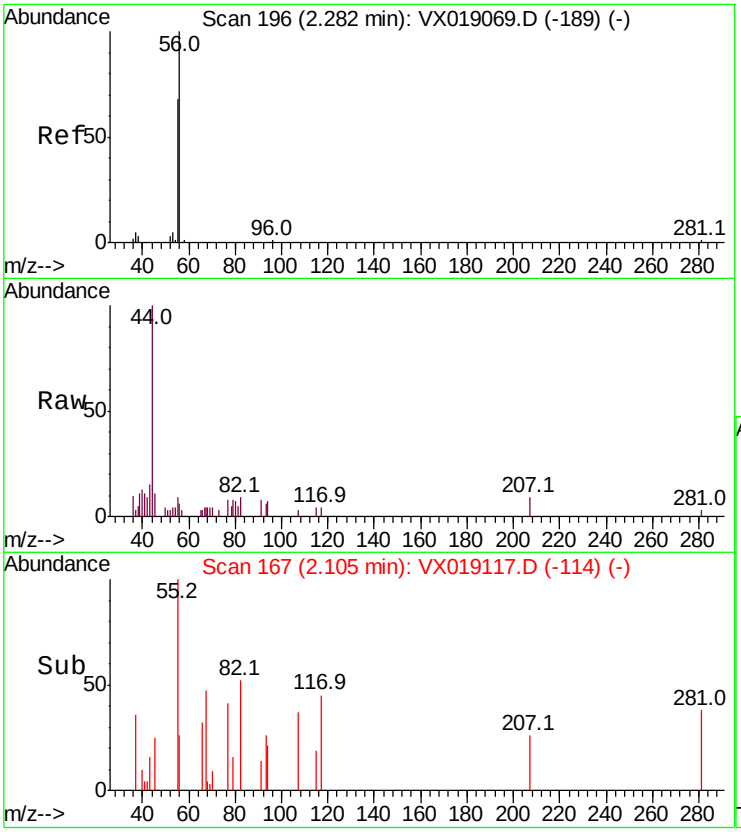


#11
Methyl Iodide
Concen: 7.847 ug/l
RT: 2.49 min Scan# 230
Delta R.T. 0.00 min
Lab File: VX019117.D
Acq: 26 Oct 2020 12:51

Tgt Ion:142 Resp: 1715

Ion	Ratio	Lower	Upper
142	100		
127	37.6	22.6	67.7
141	17.9	6.3	19.1



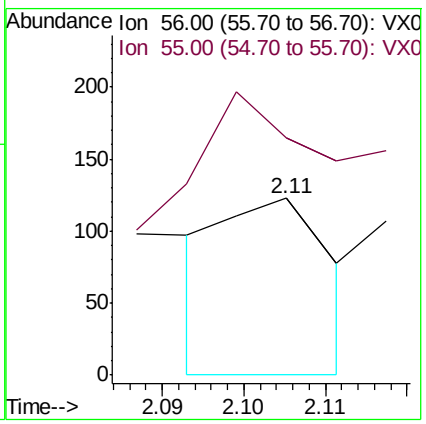


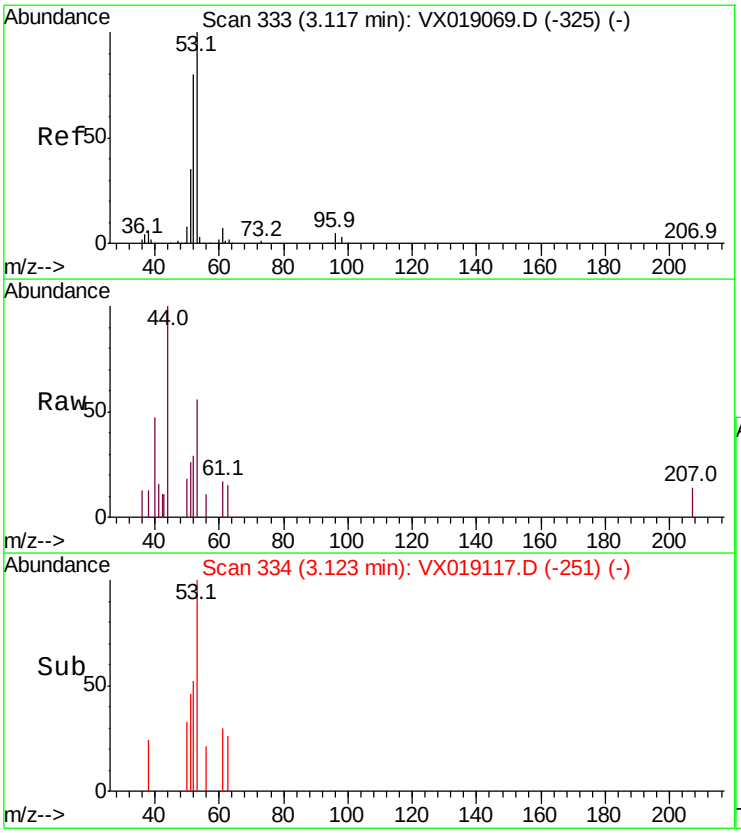
#13
Acrolein
Concen: 0.484 ug/l
RT: 2.11 min Scan# 167
Delta R.T. -0.18 min
Lab File: VX019117.D
Acq: 26 Oct 2020 12:51

Instrument :
MSVOA_X
ClientSampleId :
VX1026WBL01

Tgt Ion: 56 Resp: 114

Ion	Ratio	Lower	Upper
56	100		
55	77.2	58.2	87.2

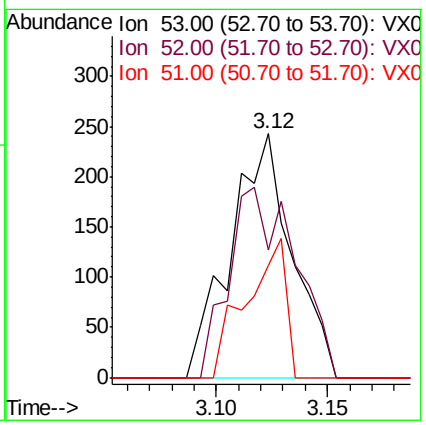


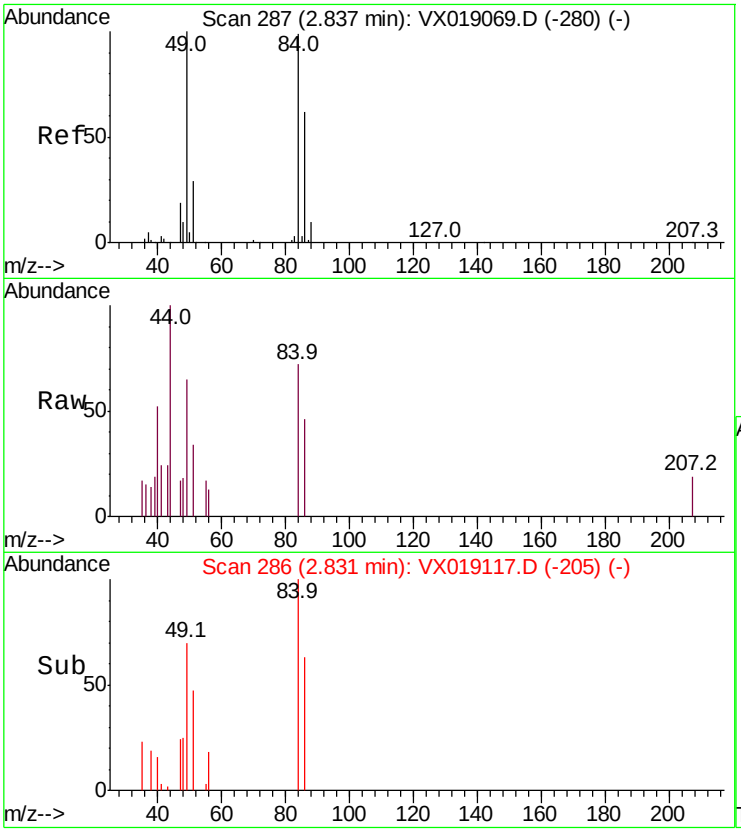


#14
Acrylonitrile
Concen: 0.388 ug/l
RT: 3.12 min Scan# 334
Delta R.T. 0.01 min
Lab File: VX019117.D
Acq: 26 Oct 2020 12:51

Tgt Ion: 53 Resp: 467

Ion	Ratio	Lower	Upper
53	100		
52	84.6	41.0	123.0
51	25.9	18.2	54.6



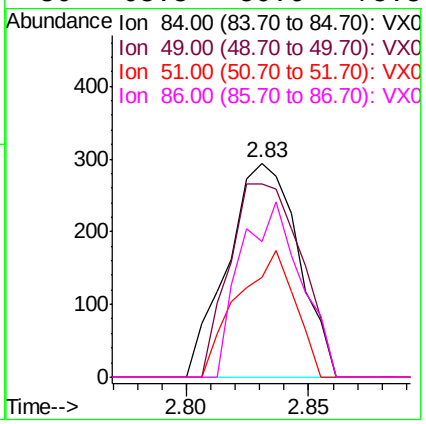


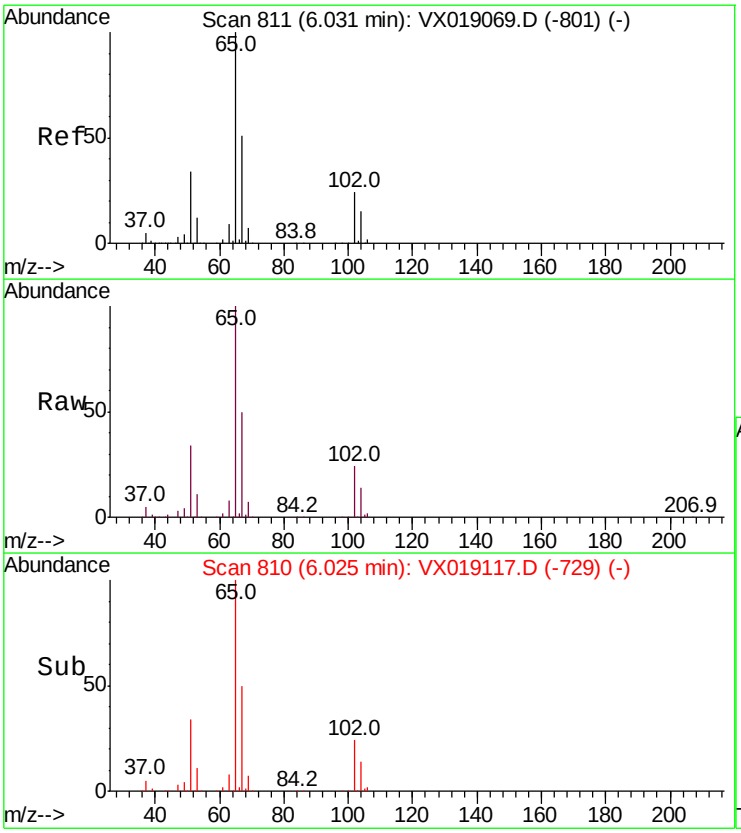
#18
Methylene Chloride
Concen: 0.200 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX019117.D
Acq: 26 Oct 2020 12:51

Instrument : MSVOA_X
ClientSampleId : VX1026WBL01

Tgt Ion: 84 Resp: 590

Ion	Ratio	Lower	Upper
84	100		
49	90.5	80.9	121.3
51	46.9	23.8	35.6#
86	63.3	50.6	75.8

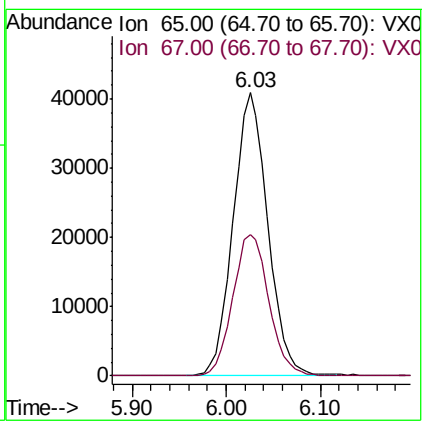


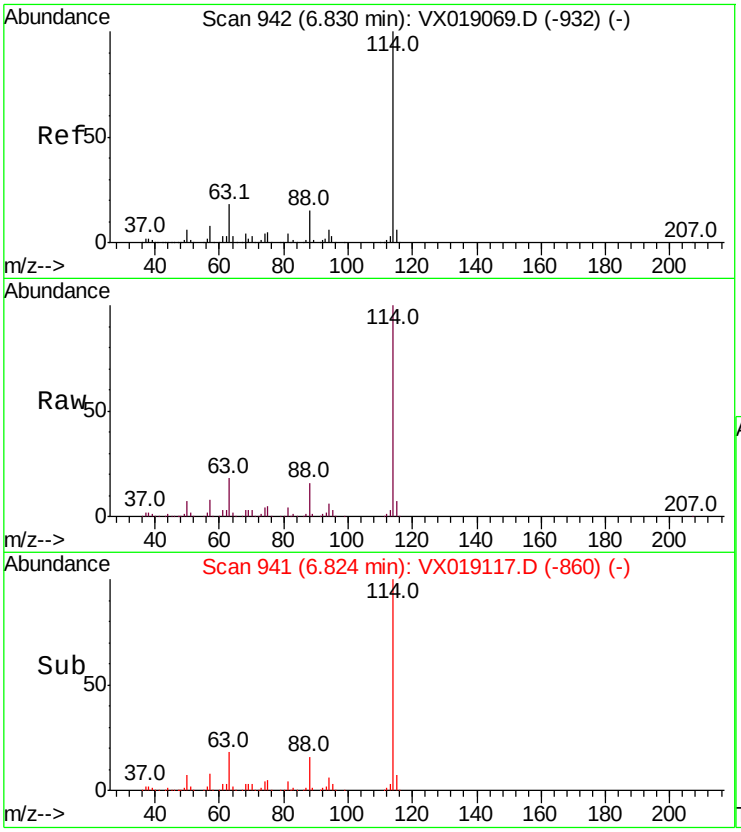


#27
1,2-Dichloroethane-d4
Concen: 30.705 ug/l
RT: 6.03 min Scan# 810
Delta R.T. -0.01 min
Lab File: VX019117.D
Acq: 26 Oct 2020 12:51

Tgt Ion: 65 Resp: 105080

Ion	Ratio	Lower	Upper
65	100		
67	52.1	42.0	63.0



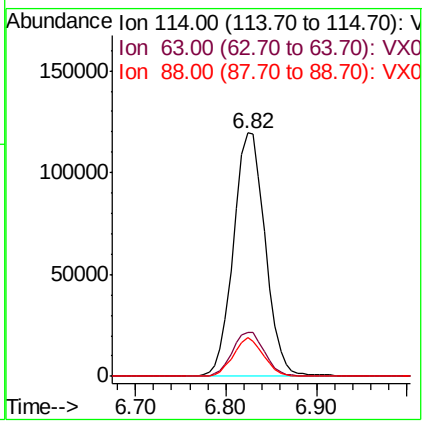


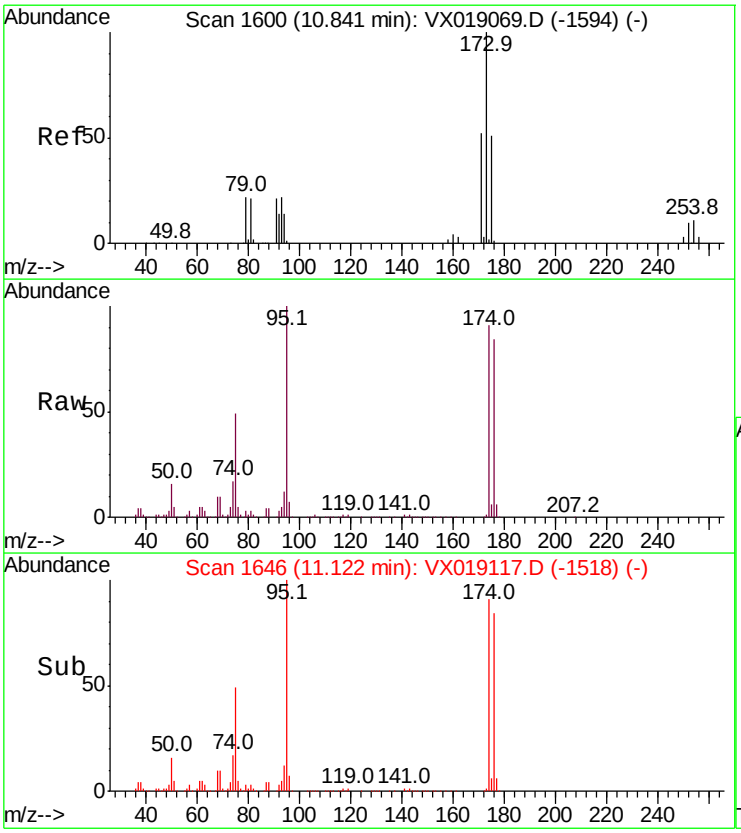
#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.82 min Scan# 941
Delta R.T. -0.01 min
Lab File: VX019117.D
Acq: 26 Oct 2020 12:51

Instrument :
MSVOA_X
ClientSampleId :
VX1026WBL01

Tgt Ion:114 Resp: 291117

Ion	Ratio	Lower	Upper
114	100		
63	18.3	14.6	21.8
88	15.0	12.2	18.2

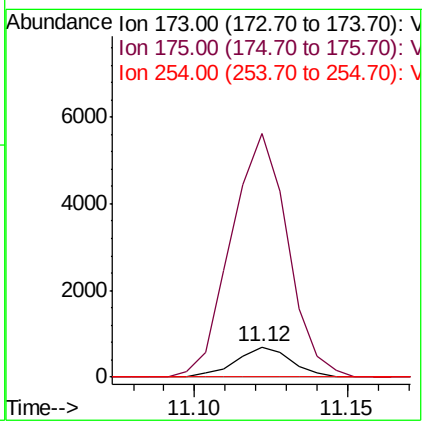


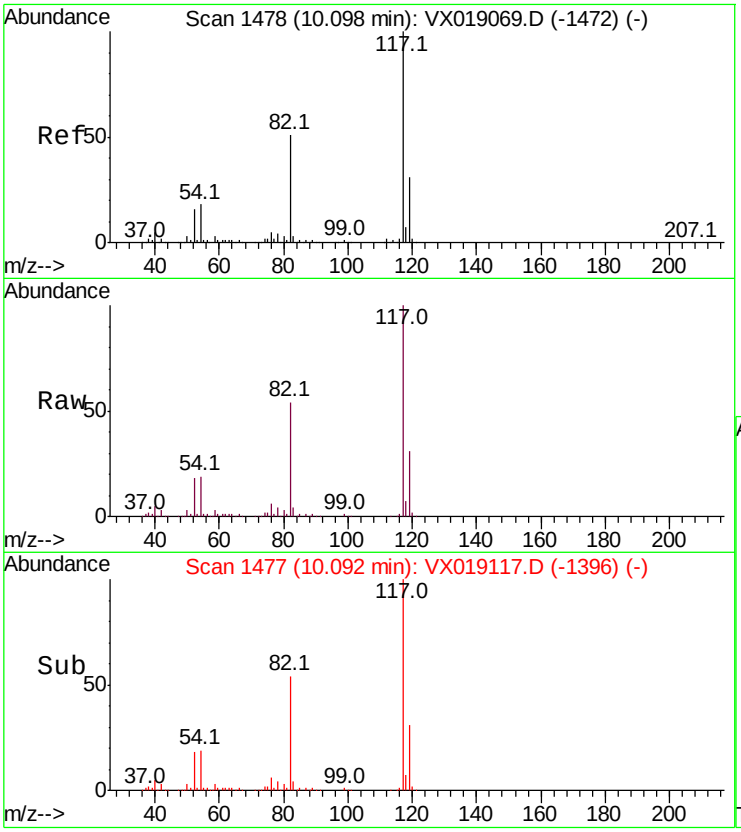


#56
Bromoform
Concen: 0.352 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.28 min
Lab File: VX019117.D
Acq: 26 Oct 2020 12:51

Tgt Ion:173 Resp: 863

Ion	Ratio	Lower	Upper
173	100		
175	836.5	39.6	59.4#
254	0.0	8.6	13.0#



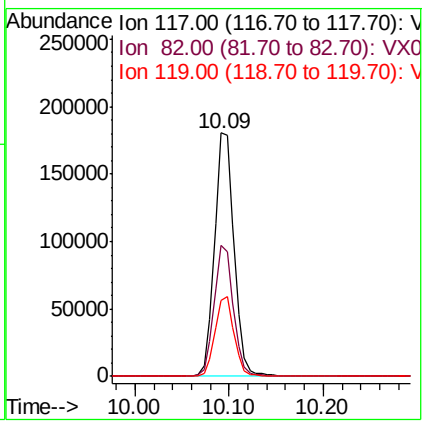


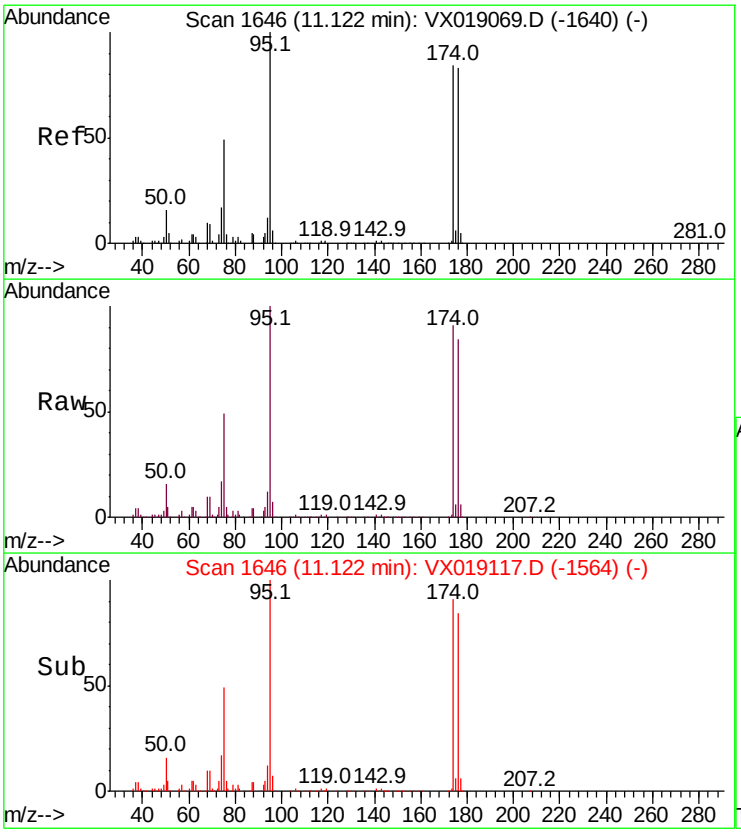
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.09 min Scan# 1477
Delta R.T. -0.01 min
Lab File: VX019117.D
Acq: 26 Oct 2020 12:51

Instrument :
MSVOA_X
ClientSampleId :
VX1026WBL01

Tgt Ion:117 Resp: 259375

Ion	Ratio	Lower	Upper
117	100		
82	53.2	42.5	63.7
119	32.0	25.6	38.4

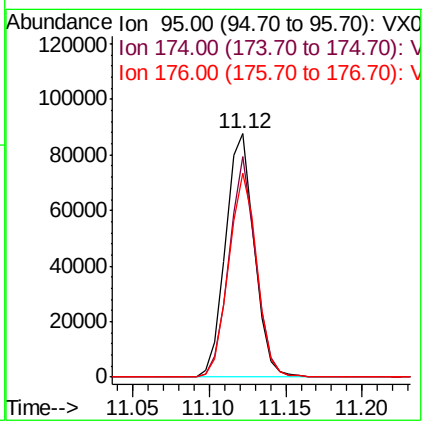


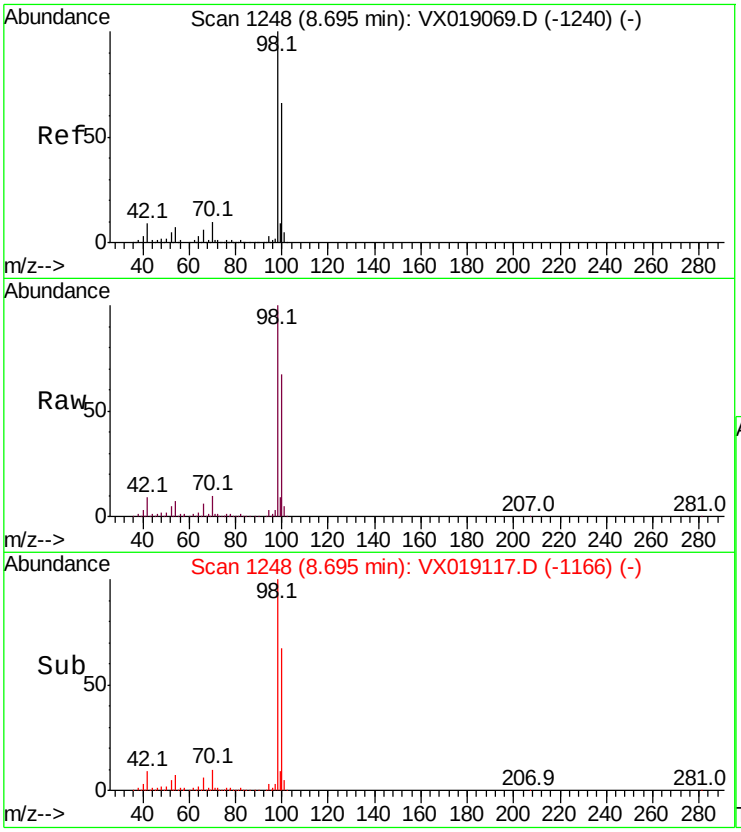


#60
4-Bromofluorobenzene
Concen: 29.283 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX019117.D
Acq: 26 Oct 2020 12:51

Tgt Ion: 95 Resp: 113998

Ion	Ratio	Lower	Upper
95	100		
174	84.4	66.3	99.5
176	82.0	65.5	98.3





#63
Toluene-d8
Concen: 29.925 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX019117.D
Acq: 26 Oct 2020 12:51

Tgt Ion: 98 Resp: 342692

Ion	Ratio	Lower	Upper
98	100		
100	65.5	52.2	78.4

Instrument :
MSVOA_X
ClientSampleId :
VX1026WBL01