Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100719\
Data File : VX012867.D
Acq On : 08 Oct 2019 03:39
Operator : JC/SP
Sample : K5216-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId :

Quant Time: Oct 08 11:17:26 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
Quant Title : SW846 8260
QLast Update : Mon Sep 23 12:27:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.65	168	178644	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.85	114	301083	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.11	117	249432	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	91047	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.06	65	116811	44.90	ug/l		0.00
Spiked Amount 50.000			Recovery = 89.80%				
35) Dibromofluoromethane	5.49	113	89107	49.69	ug/l		0.00
Spiked Amount 50.000			Recovery = 99.38%				
50) Toluene-d8	8.71	98	353099	51.13	ug/l		0.00
Spiked Amount 50.000			Recovery = 102.26%				
62) 4-Bromofluorobenzene	11.14	95	115968	42.71	ug/l		0.00
Spiked Amount 50.000			Recovery = 85.42%				
Target Compounds							Qvalue
3) Chloromethane	1.32	50	840	0.364	ug/l		93
5) Bromomethane	1.64	94	297	0.329	ug/l		83
10) Methyl Iodide	2.51	142	75	4.986	ug/l	#	35
11) Tert butyl alcohol	3.01	59	42802	65.865	ug/l	#	75
12) 1,1-Dichloroethene	2.37	96	441	0.230	ug/l		80
13) Acrolein	2.27	56	21	10.289	ug/l	#	1
15) Acrylonitrile	3.01	53	791	0.600	ug/l	#	21
16) Acetone	2.43	43	2206	1.601	ug/l		90
18) Methyl Acetate	2.59	43	5553	1.712	ug/l	#	54
19) Methyl tert-butyl Ether	3.01	73	2490	0.342	ug/l		97
21) trans-1,2-Dichloroethene	3.16	96	683	0.321	ug/l	#	47
24) 1,1-Dichloroethane	3.69	63	2451	0.612	ug/l	#	81
25) 2-Butanone	4.69	43	3101	1.570	ug/l	#	74
26) 2,2-Dichloropropane	4.67	77	4532	1.273	ug/l	#	55
27) cis-1,2-Dichloroethene	4.59	96	7133	2.889	ug/l		85
31) Cyclohexane	5.65	56	4031	1.113	ug/l	#	1
36) 1,1-Dichloropropene	5.65	75	15448	5.323	ug/l	#	51
37) Ethyl Acetate	4.69	43	3101	0.914	ug/l	#	1
38) Carbon Tetrachloride	5.65	117	18758	6.363	ug/l	#	18
44) Trichloroethene	7.21	130	4034	1.848	ug/l		96
51) 4-Methyl-2-Pentanone	8.71	43	1558	0.445	ug/l	#	1
76) 1,2,3-Trichloropropane	11.14	75	58388	24.243	ug/l	#	38
81) trans-1,4-Dichloro-2-buten	11.14	75	58388	69.476	ug/l	#	8

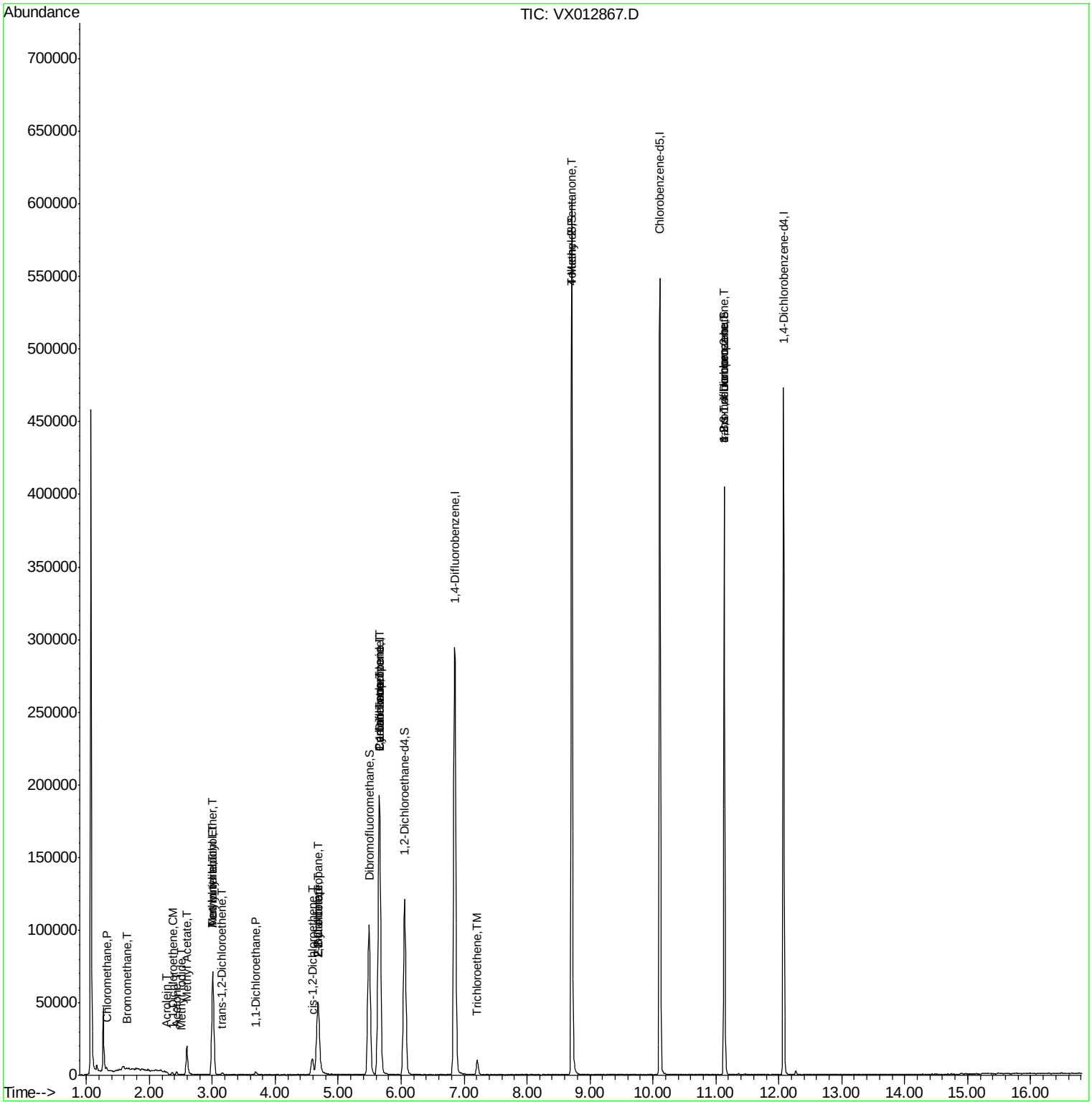
(#) = qualifier out of range (m) = manual integration (+) = signals summed

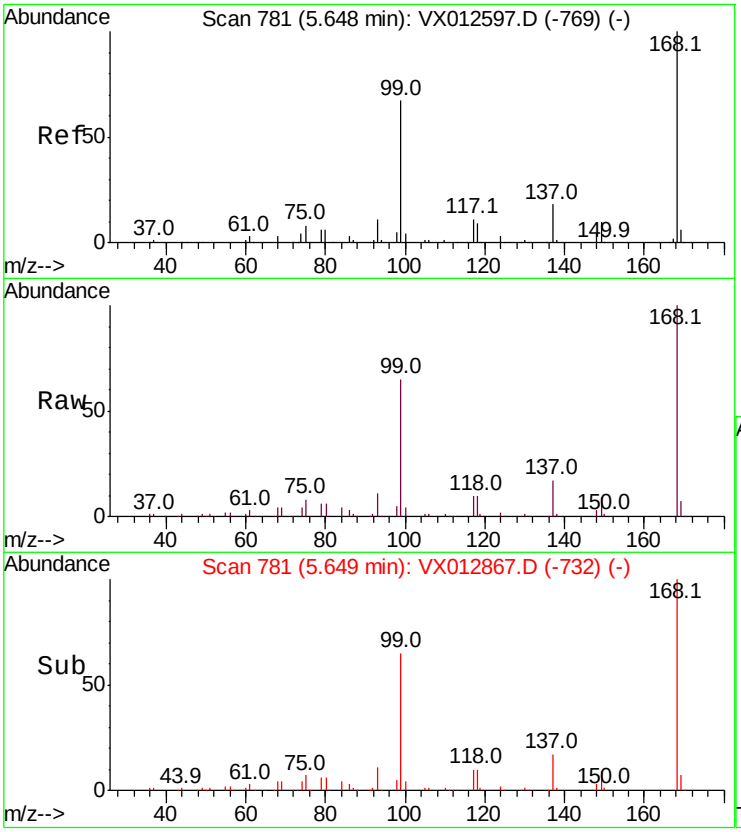
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100719\
Data File : VX012867.D
Acq On : 08 Oct 2019 03:39
Operator : JC/SP
Sample : K5216-03
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Oct 08 11:17:26 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
Quant Title : SW846 8260
QLast Update : Mon Sep 23 12:27:01 2019
Response via : Initial Calibration



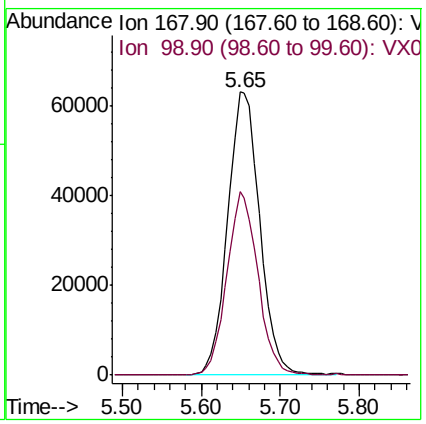


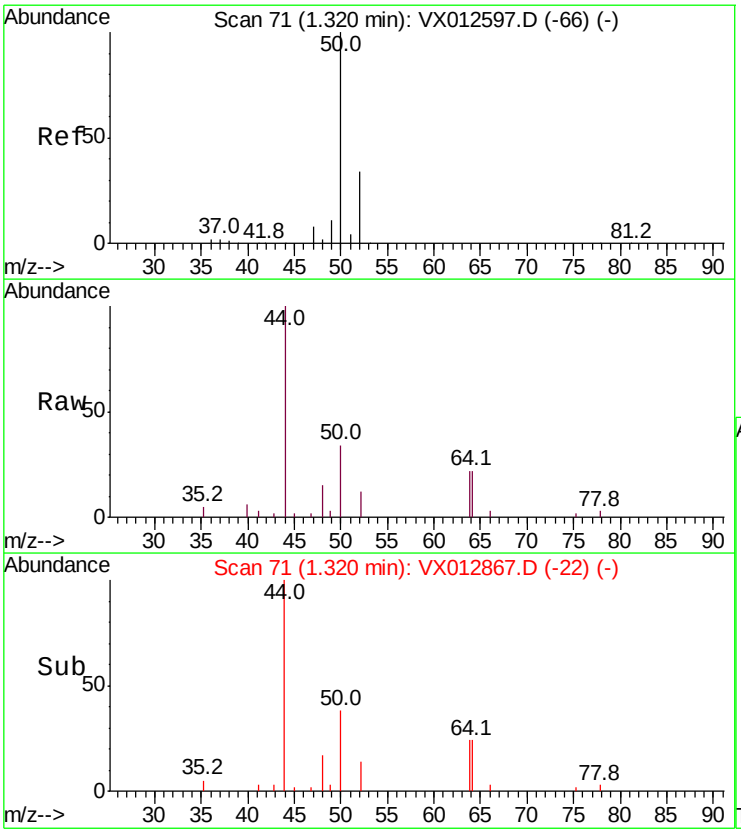
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 781
Delta R.T. 0.00 min
Lab File: VX012867.D
Acq: 08 Oct 2019 03:39

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 178644

Ion	Ratio	Lower	Upper
168	100		
99	64.9	51.4	77.2

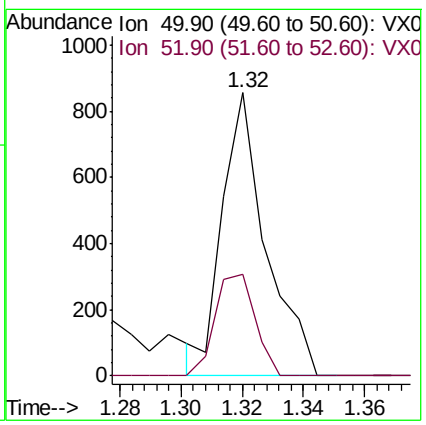


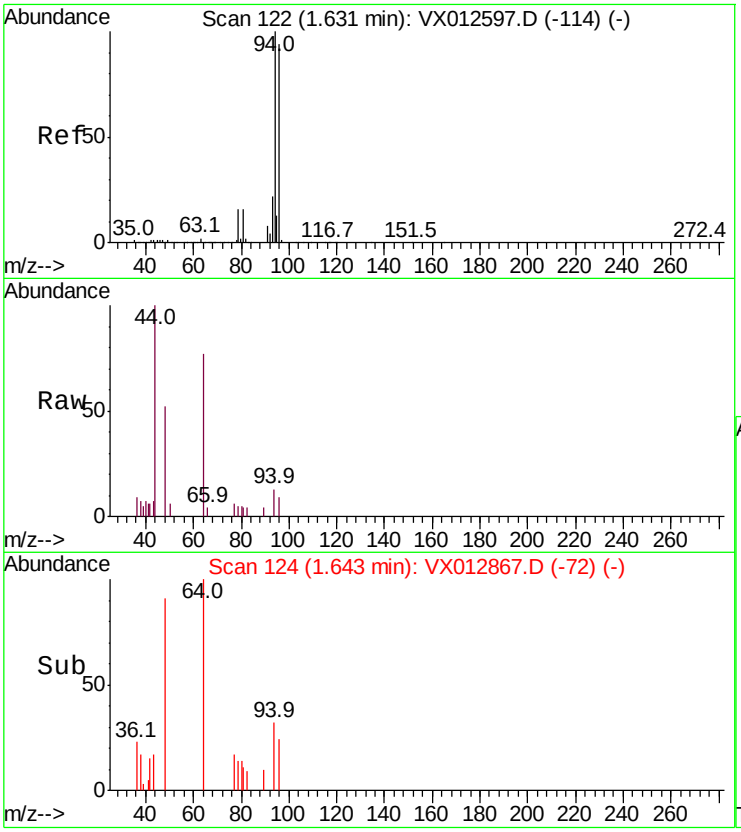


#3
Chloromethane
Concen: 0.364 ug/l
RT: 1.32 min Scan# 71
Delta R.T. 0.00 min
Lab File: VX012867.D
Acq: 08 Oct 2019 03:39

Tgt Ion: 50 Resp: 840

Ion	Ratio	Lower	Upper
50	100		
52	35.7	25.7	38.5



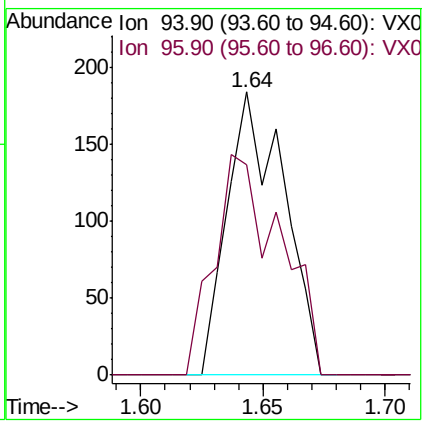


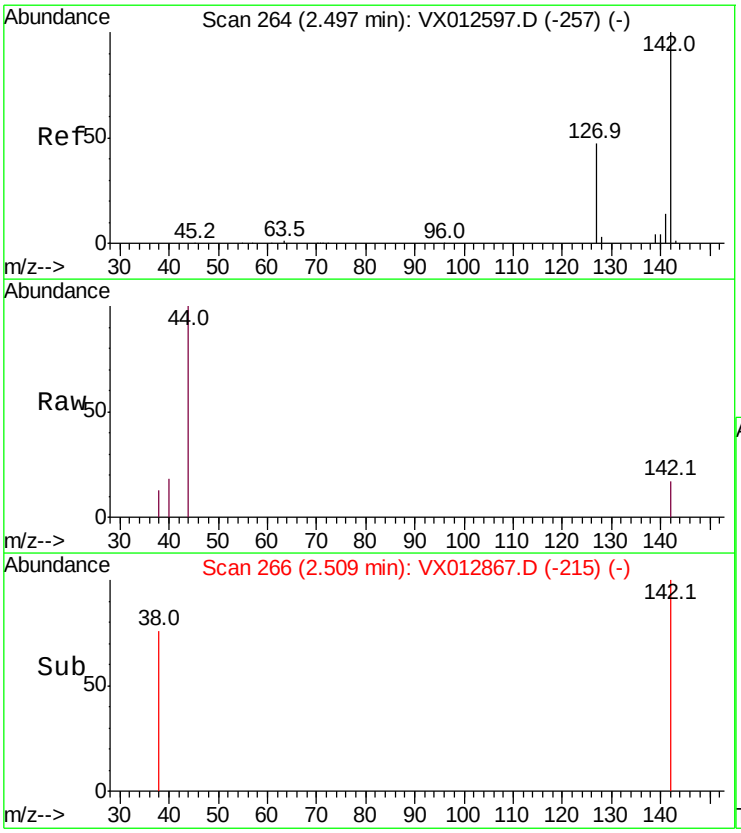
#5
Bromomethane
Concen: 0.329 ug/l
RT: 1.64 min Scan# 124
Delta R.T. 0.02 min
Lab File: VX012867.D
Acq: 08 Oct 2019 03:39

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 94 Resp: 297

Ion	Ratio	Lower	Upper
94	100		
96	74.5	72.8	109.2

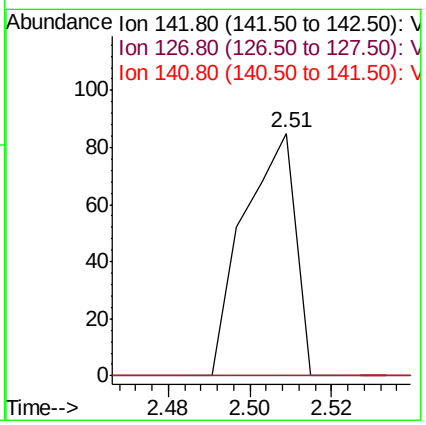


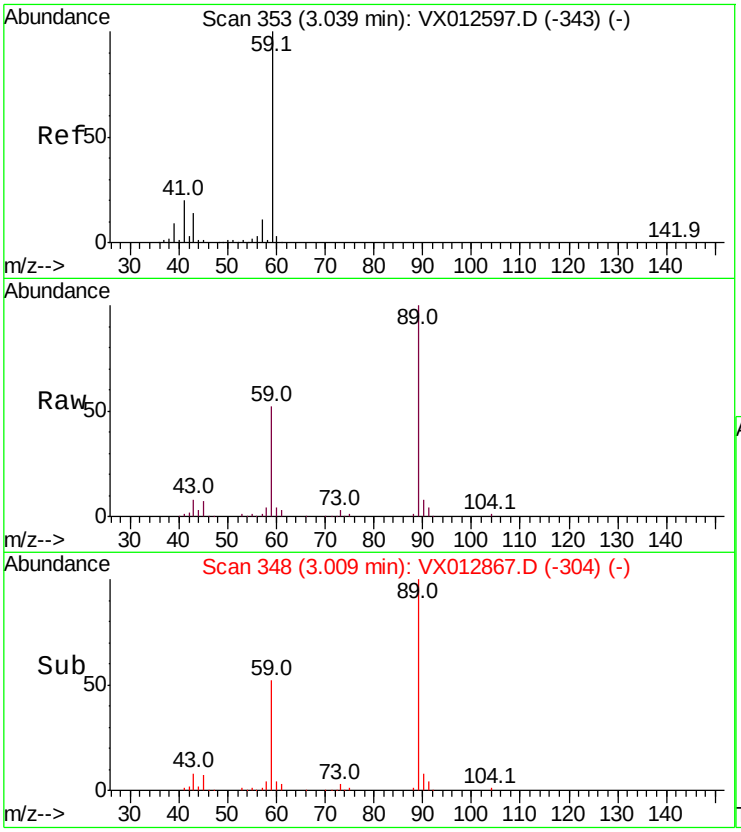


#10
Methyl Iodide
Concen: 4.986 ug/l
RT: 2.51 min Scan# 266
Delta R.T. 0.01 min
Lab File: VX012867.D
Acq: 08 Oct 2019 03:39

Tgt Ion:142 Resp: 75

Ion	Ratio	Lower	Upper
142	100		
127	0.0	40.8	61.2#
141	0.0	12.1	18.1#



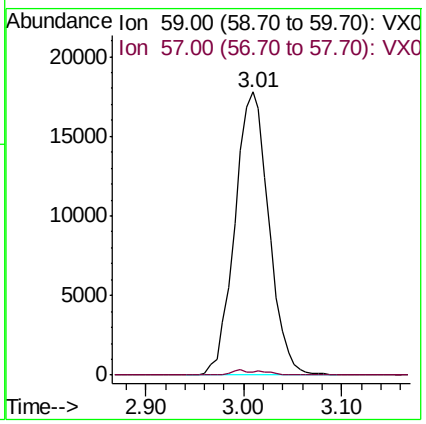


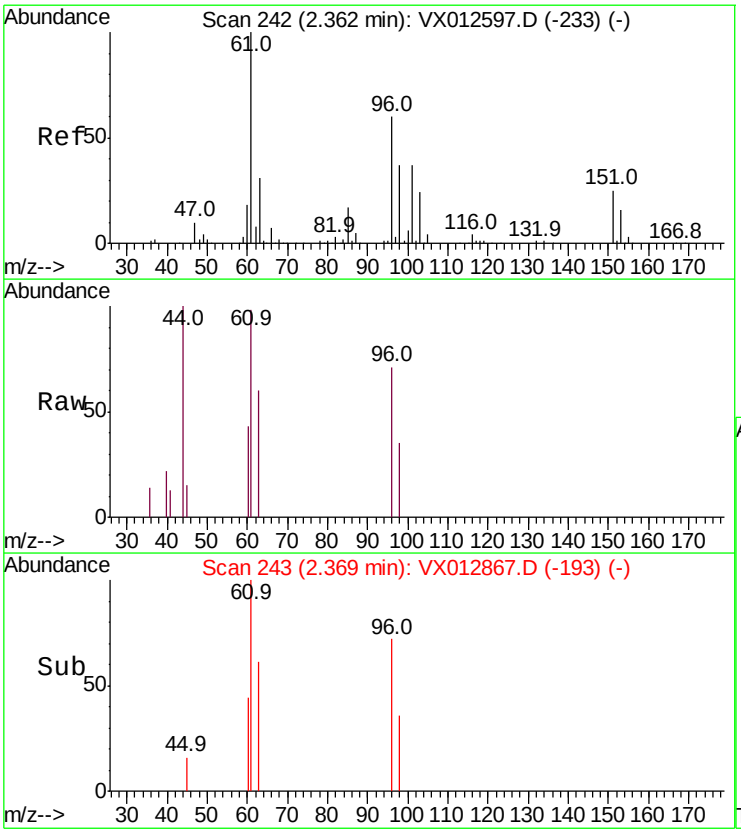
#11
Tert butyl alcohol
Concen: 65.865 ug/l
RT: 3.01 min Scan# 348
Delta R.T. -0.03 min
Lab File: VX012867.D
Acq: 08 Oct 2019 03:39

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 59 Resp: 42802

Ion	Ratio	Lower	Upper
59	100		
57	1.0	8.3	12.5#

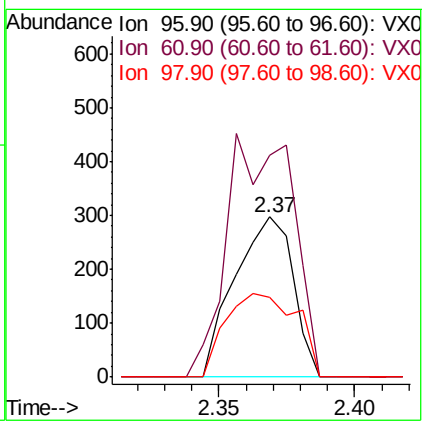


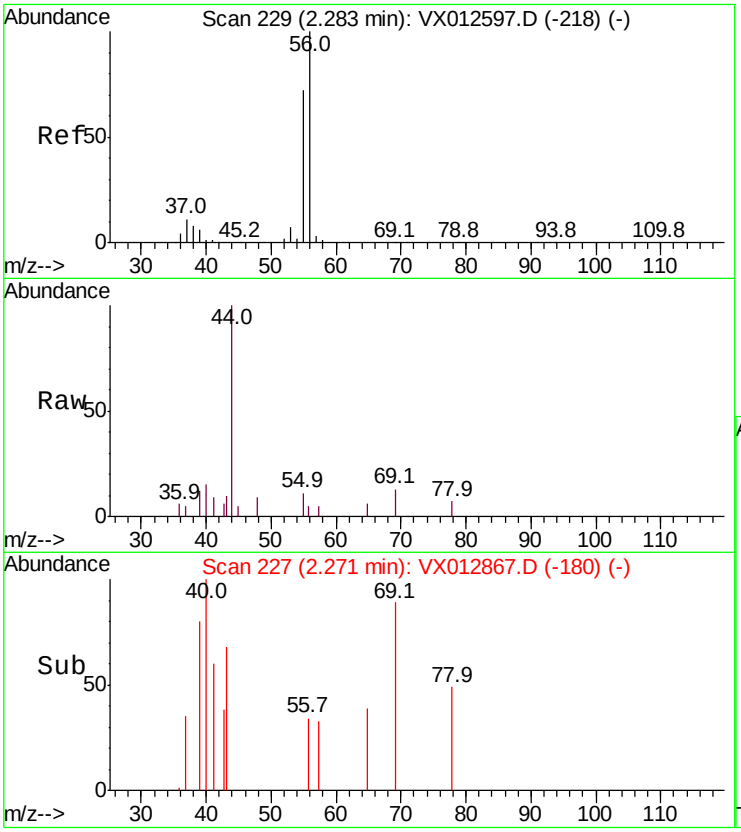


#12
1,1-Dichloroethene
Concen: 0.230 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.01 min
Lab File: VX012867.D
Acq: 08 Oct 2019 03:39

Tgt Ion: 96 Resp: 441

Ion	Ratio	Lower	Upper
96	100		
61	138.7	133.8	200.6
98	50.2	49.9	74.9



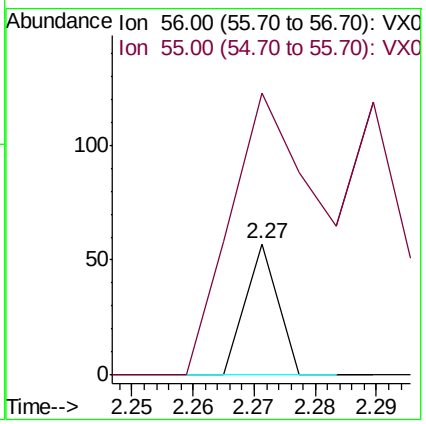


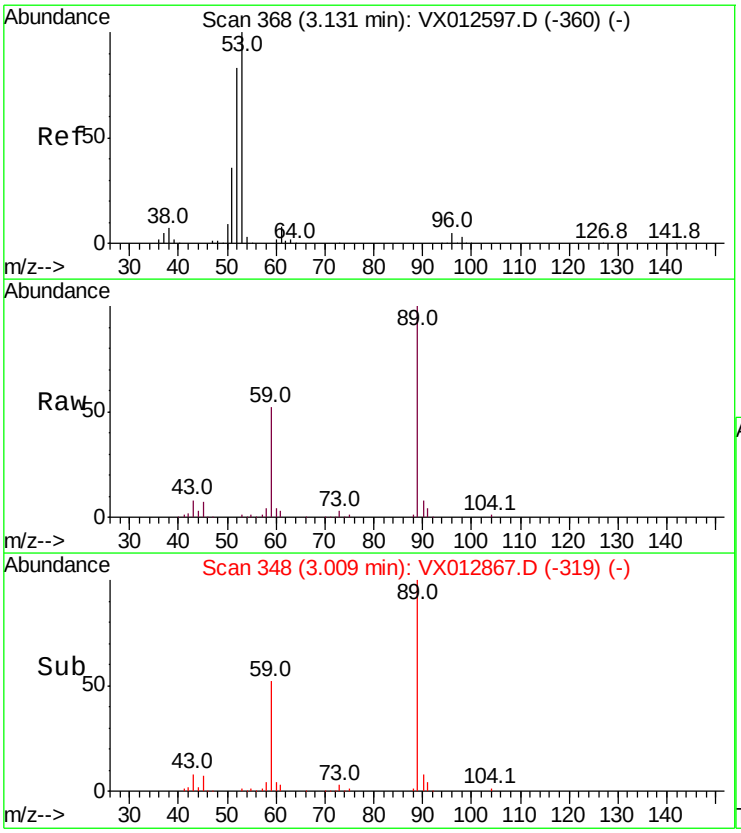
#13
Acrolein
Concen: 10.289 ug/l
RT: 2.27 min Scan# 227
Delta R.T. -0.01 min
Lab File: VX012867.D
Acq: 08 Oct 2019 03:39

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 56 Resp: 21

Ion	Ratio	Lower	Upper
56	100		
55	876.2	55.8	83.8#

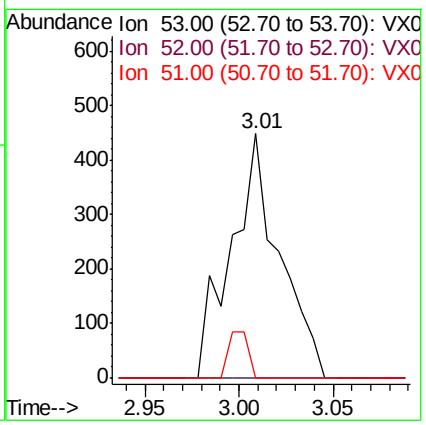


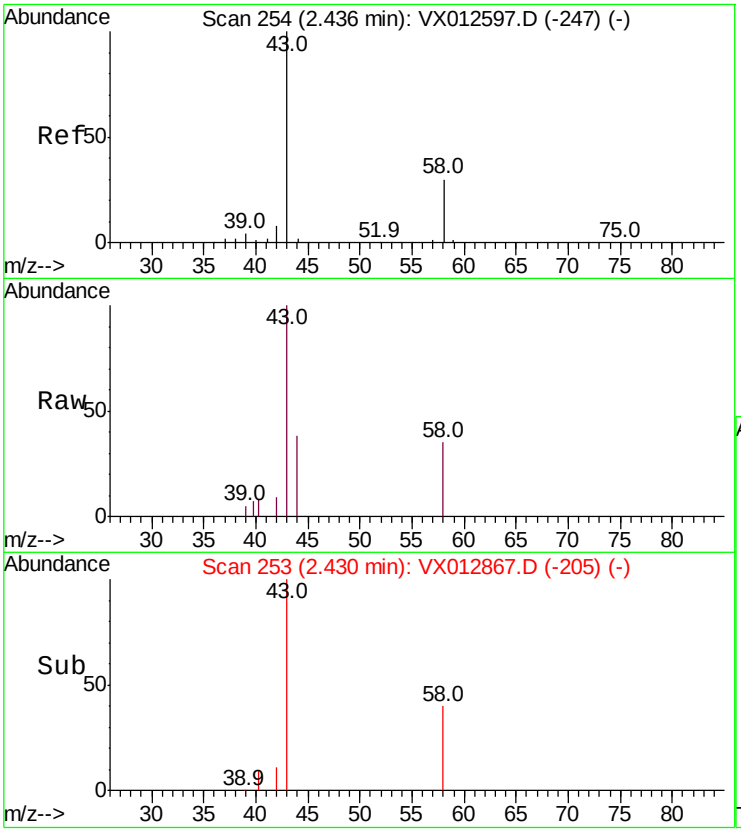


#15
Acrylonitrile
Concen: 0.600 ug/l
RT: 3.01 min Scan# 348
Delta R.T. -0.12 min
Lab File: VX012867.D
Acq: 08 Oct 2019 03:39

Tgt Ion: 53 Resp: 791

Ion	Ratio	Lower	Upper
53	100		
52	0.0	67.0	100.4#
51	7.7	29.6	44.4#



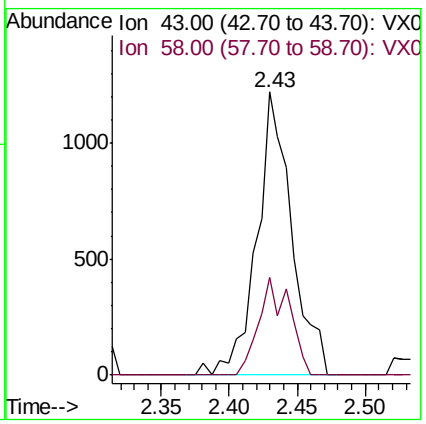


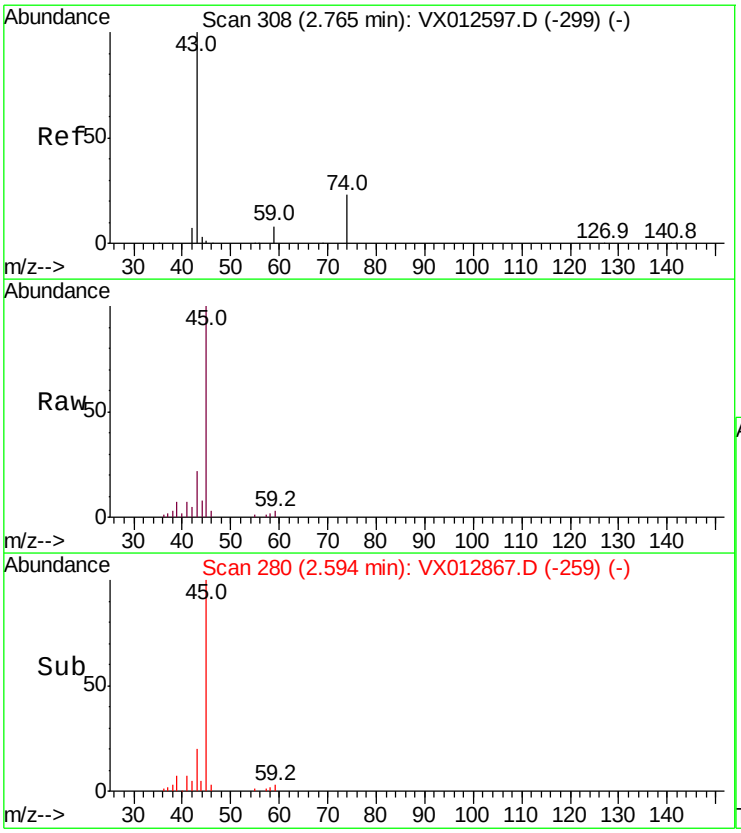
#16
Acetone
Concen: 1.601 ug/l
RT: 2.43 min Scan# 253
Delta R.T. -0.01 min
Lab File: VX012867.D
Acq: 08 Oct 2019 03:39

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 2206

Ion	Ratio	Lower	Upper
43	100		
58	34.7	23.3	34.9

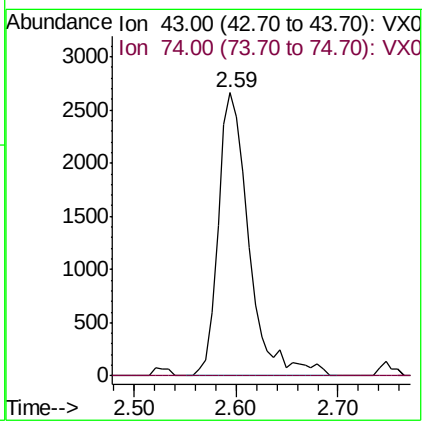


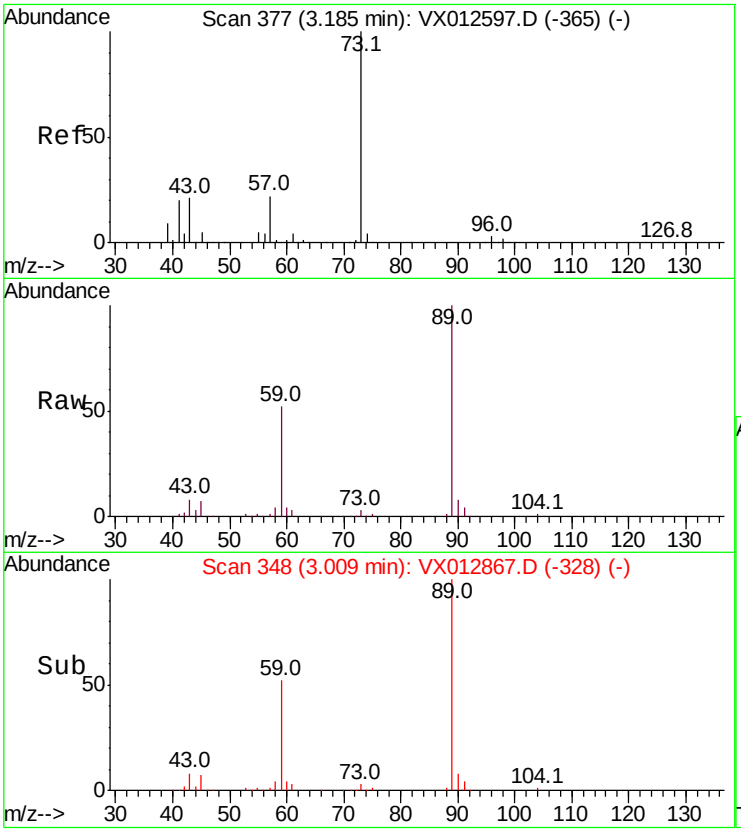


#18
Methyl Acetate
Concen: 1.712 ug/l
RT: 2.59 min Scan# 280
Delta R.T. -0.17 min
Lab File: VX012867.D
Acq: 08 Oct 2019 03:39

Tgt Ion: 43 Resp: 5553

Ion	Ratio	Lower	Upper
43	100		
74	0.0	17.7	26.5#



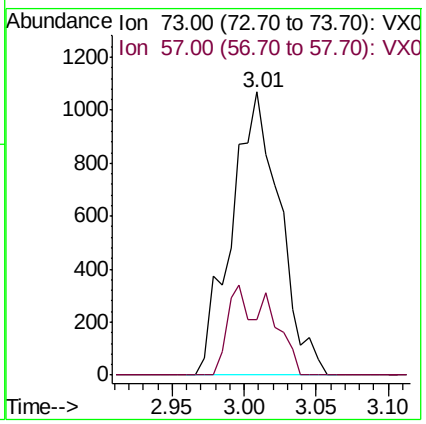


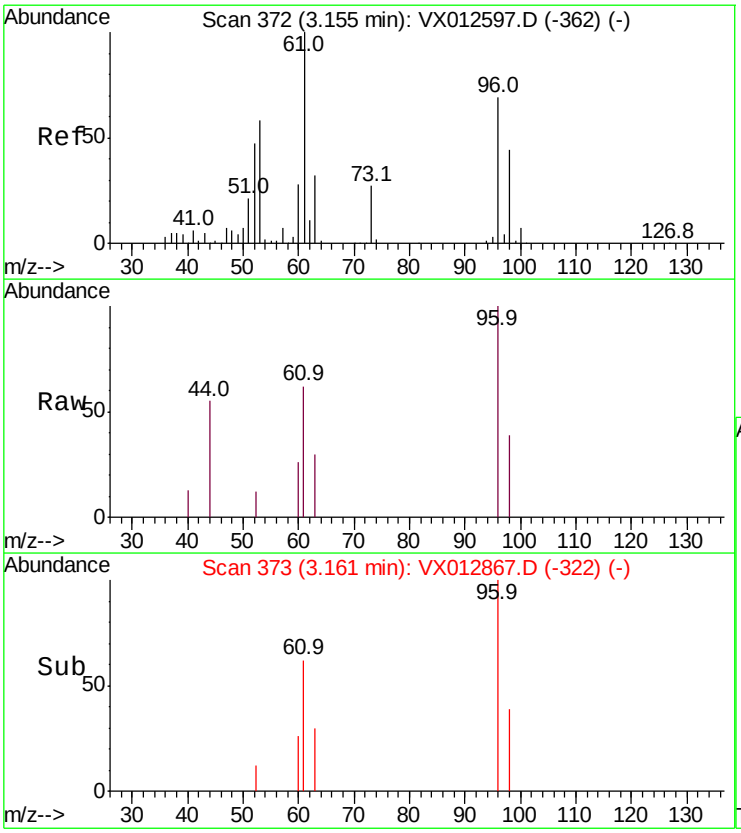
#19
Methyl tert-butyl Ether
Concen: 0.342 ug/l
RT: 3.01 min Scan# 348
Delta R.T. -0.18 min
Lab File: VX012867.D
Acq: 08 Oct 2019 03:39

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 73 Resp: 2490

Ion	Ratio	Lower	Upper
73	100		
57	19.7	16.8	25.2

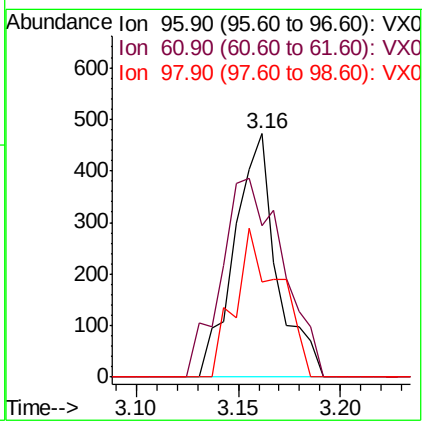


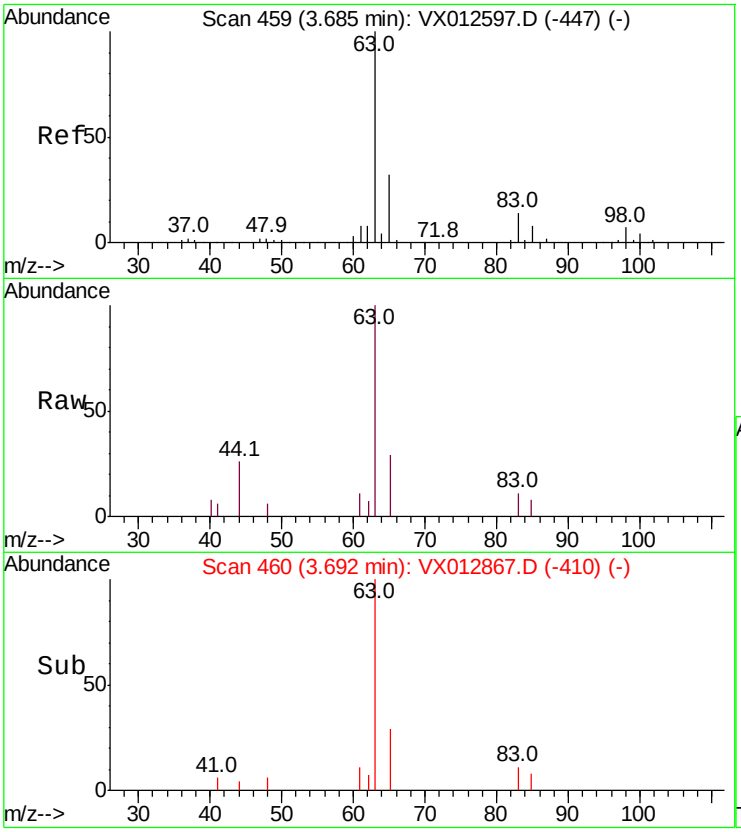


#21
trans-1,2-Dichloroethene
Concen: 0.321 ug/l
RT: 3.16 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX012867.D
Acq: 08 Oct 2019 03:39

Tgt Ion: 96 Resp: 683

Ion	Ratio	Lower	Upper
96	100		
61	62.1	112.0	168.0#
98	39.0	47.8	71.8#



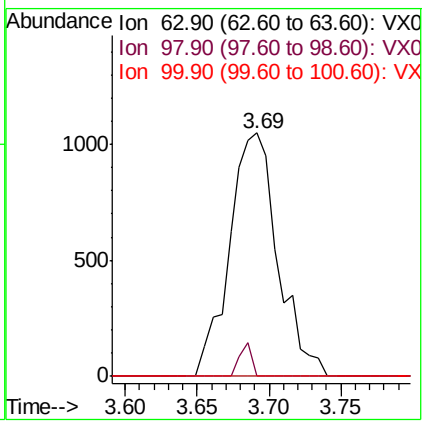


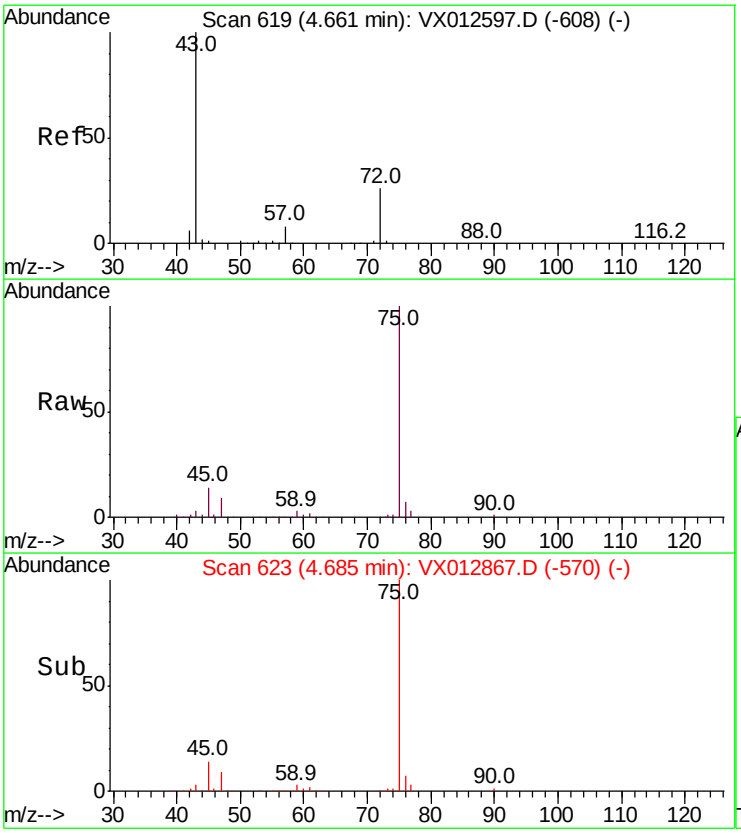
#24
1,1-Dichloroethane
Concen: 0.612 ug/l
RT: 3.69 min Scan# 460
Delta R.T. 0.01 min
Lab File: VX012867.D
Acq: 08 Oct 2019 03:39

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 63 Resp: 2451

Ion	Ratio	Lower	Upper
63	100		
98	0.0	3.9	11.7#
100	0.0	2.3	6.9#

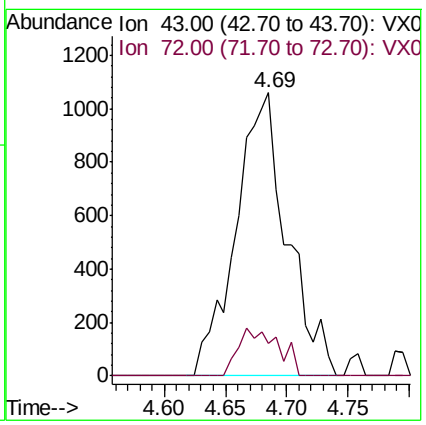


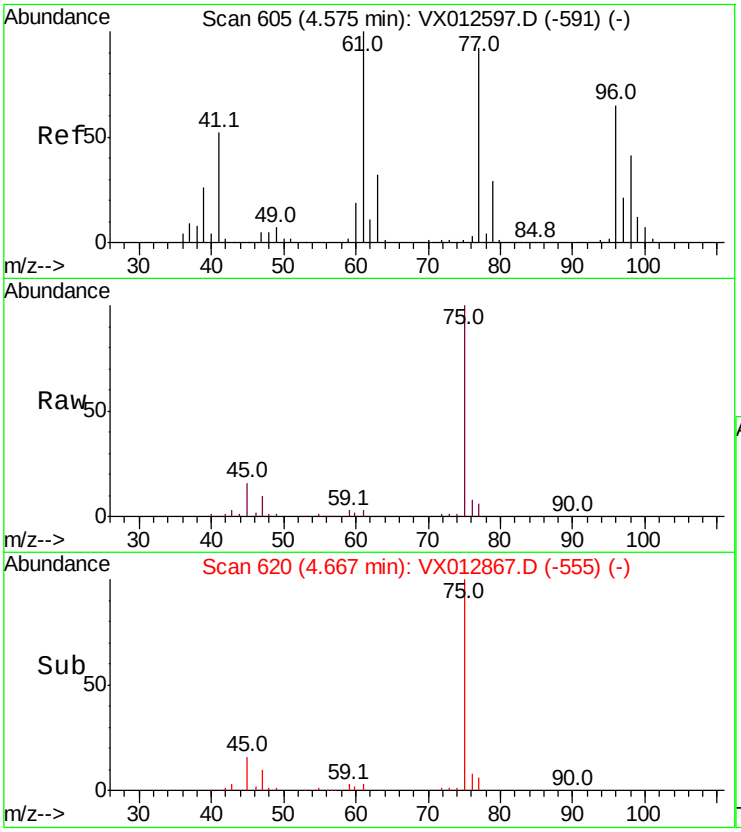


#25
2-Butanone
Concen: 1.570 ug/l
RT: 4.69 min Scan# 623
Delta R.T. 0.02 min
Lab File: VX012867.D
Acq: 08 Oct 2019 03:39

Tgt Ion: 43 Resp: 3101

Ion	Ratio	Lower	Upper
43	100		
72	11.4	19.2	28.8#



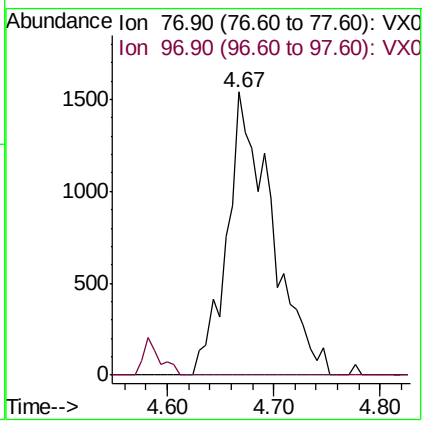


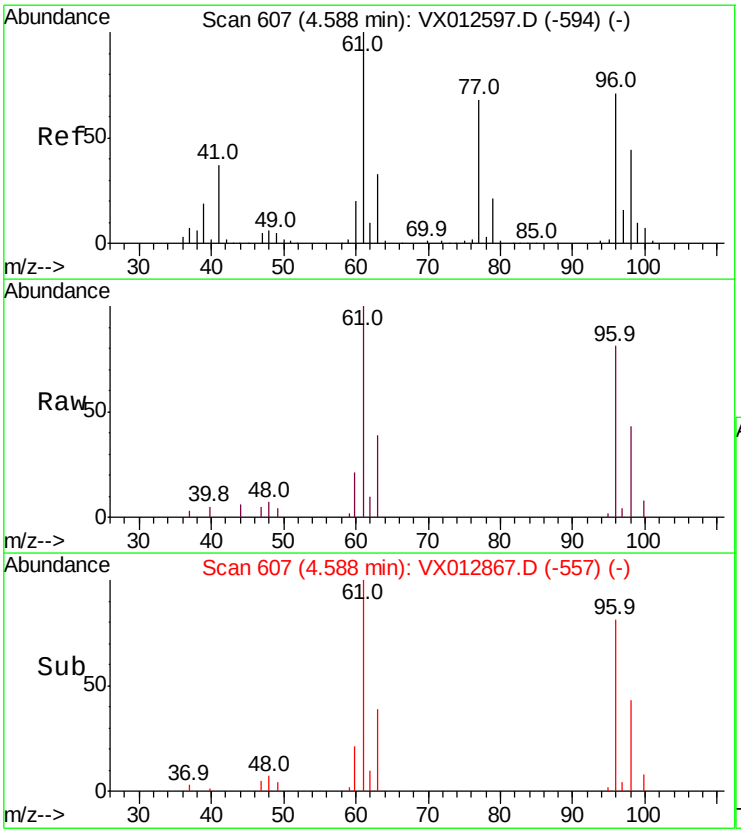
#26
2,2-Dichloropropane
Concen: 1.273 ug/l
RT: 4.67 min Scan# 620
Delta R.T. 0.10 min
Lab File: VX012867.D
Acq: 08 Oct 2019 03:39

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 77 Resp: 4532

Ion	Ratio	Lower	Upper
77	100		
97	0.0	10.5	31.6#

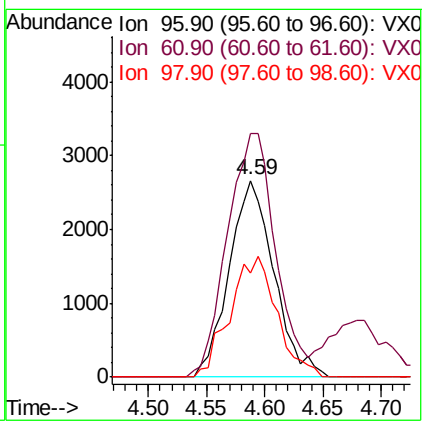


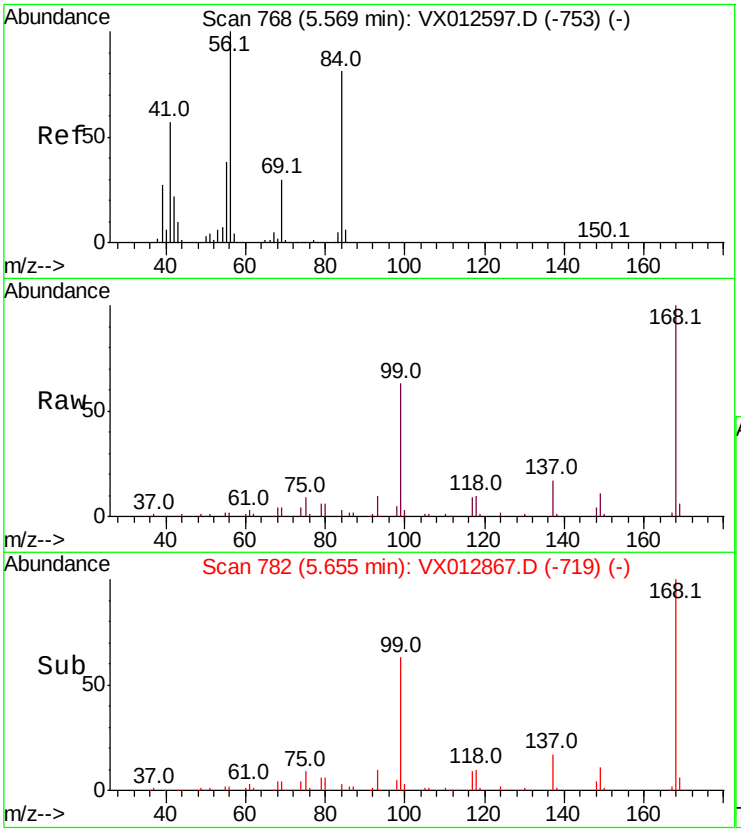


#27
cis-1,2-Dichloroethene
Concen: 2.889 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX012867.D
Acq: 08 Oct 2019 03:39

Tgt Ion: 96 Resp: 7133

Ion	Ratio	Lower	Upper
96	100		
61	132.9	0.0	319.4
98	63.8	0.0	130.6



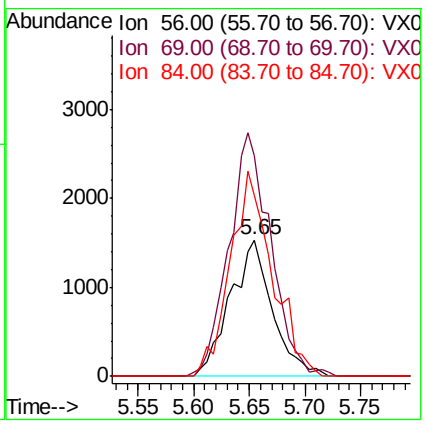


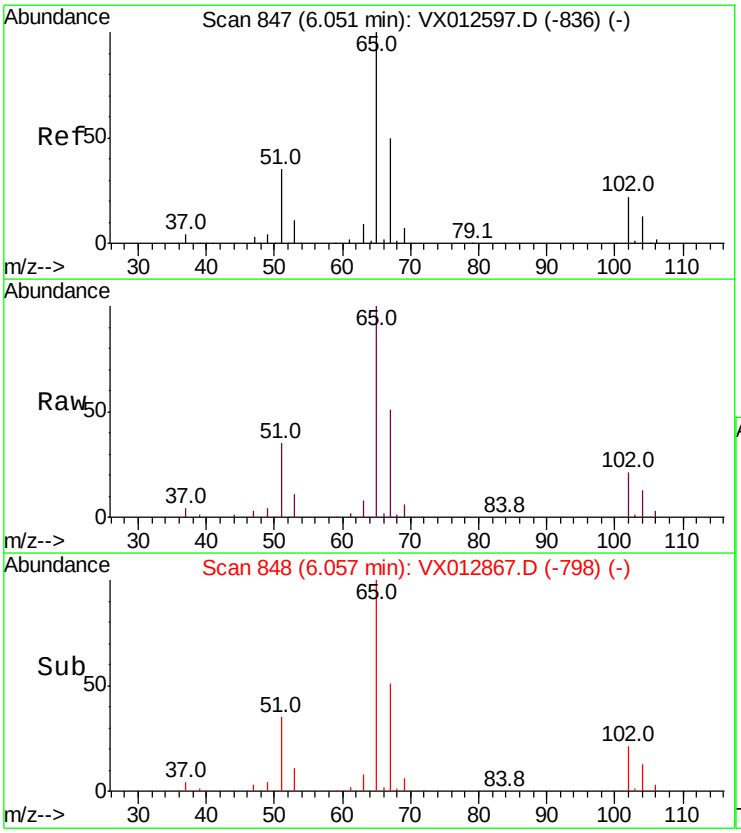
#31
Cyclohexane
Concen: 1.113 ug/l
RT: 5.65 min Scan# 782
Delta R.T. 0.09 min
Lab File: VX012867.D
Acq: 08 Oct 2019 03:39

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 56 Resp: 4031

Ion	Ratio	Lower	Upper
56	100		
69	161.7	25.0	37.6#
84	132.1	66.4	99.6#

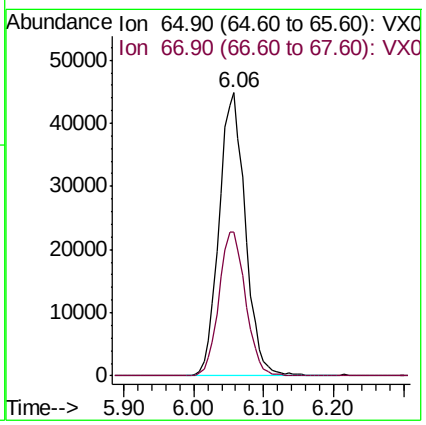


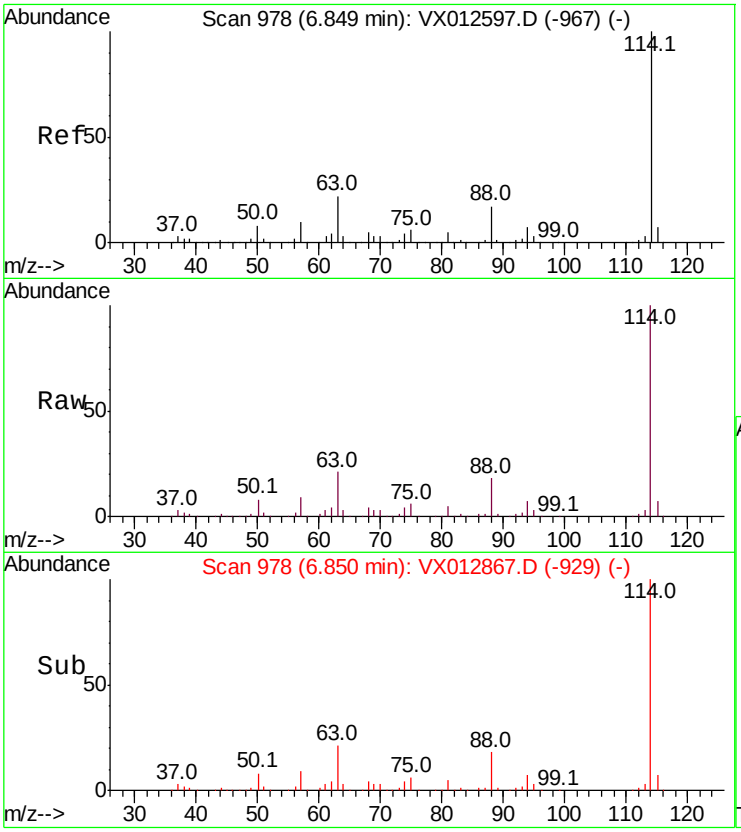


#33
1,2-Dichloroethane-d4
Concen: 44.903 ug/l
RT: 6.06 min Scan# 848
Delta R.T. 0.01 min
Lab File: VX012867.D
Acq: 08 Oct 2019 03:39

Tgt Ion: 65 Resp: 116811

Ion	Ratio	Lower	Upper
65	100		
67	51.8	0.0	101.2



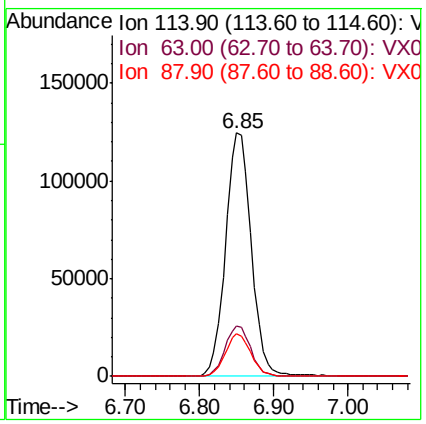


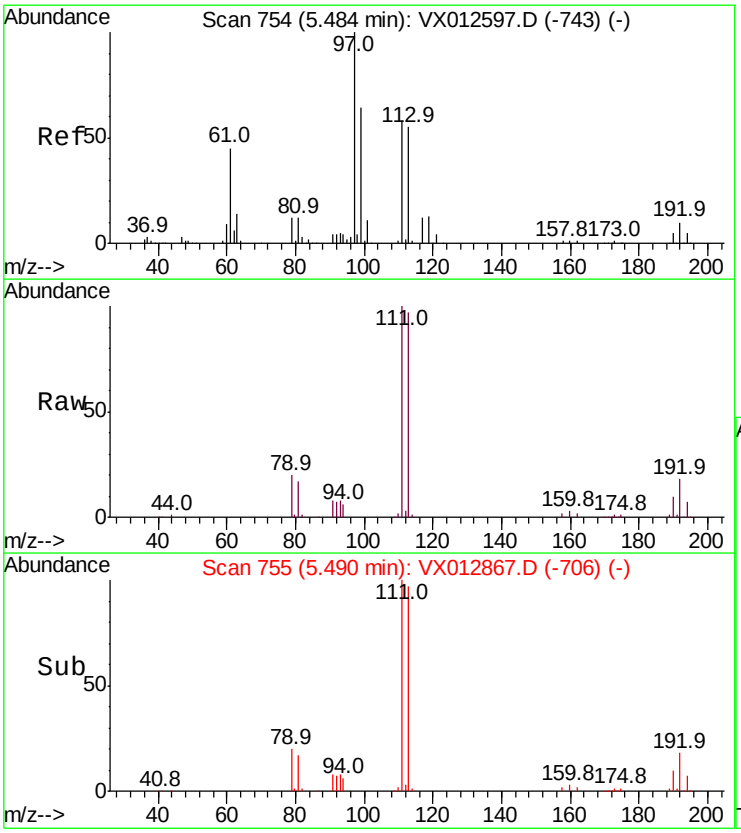
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. 0.00 min
Lab File: VX012867.D
Acq: 08 Oct 2019 03:39

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:114 Resp: 301083

Ion	Ratio	Lower	Upper
114	100		
63	20.9	0.0	43.2
88	17.5	0.0	33.2

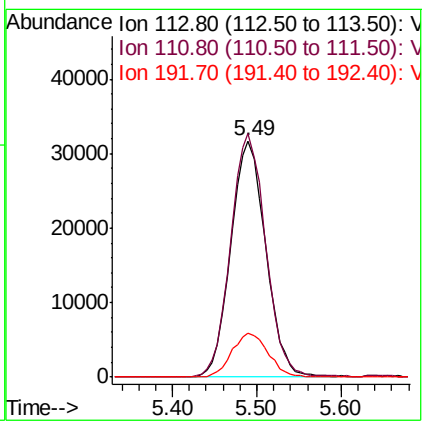


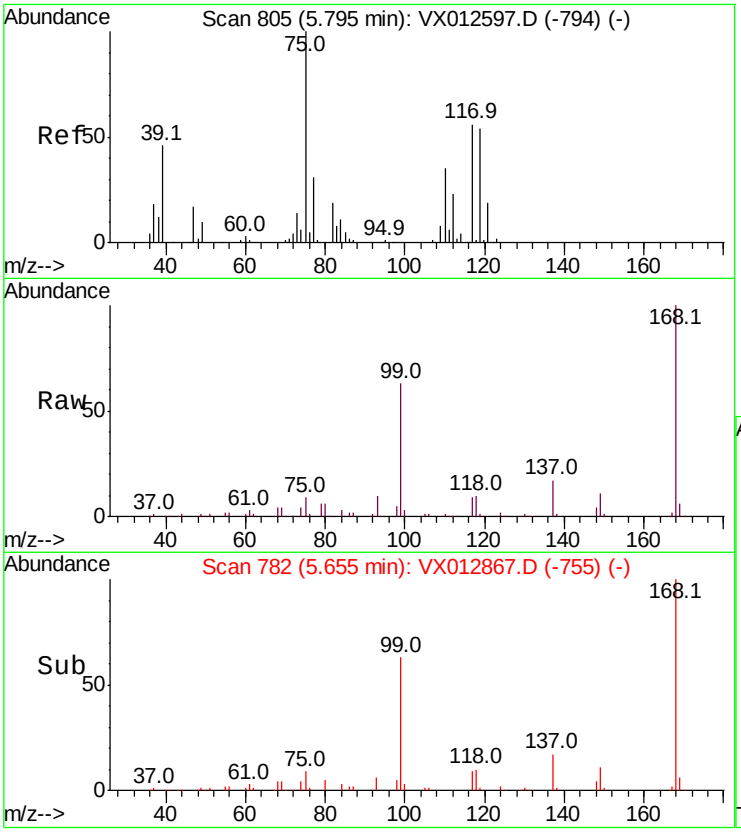


#35
Dibromofluoromethane
Concen: 49.695 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX012867.D
Acq: 08 Oct 2019 03:39

Tgt Ion:113 Resp: 89107

Ion	Ratio	Lower	Upper
113	100		
111	102.8	83.4	125.2
192	19.2	14.4	21.6



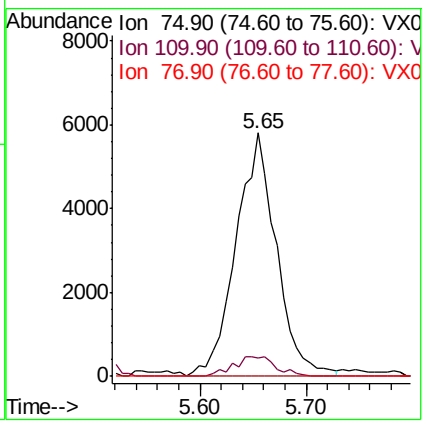


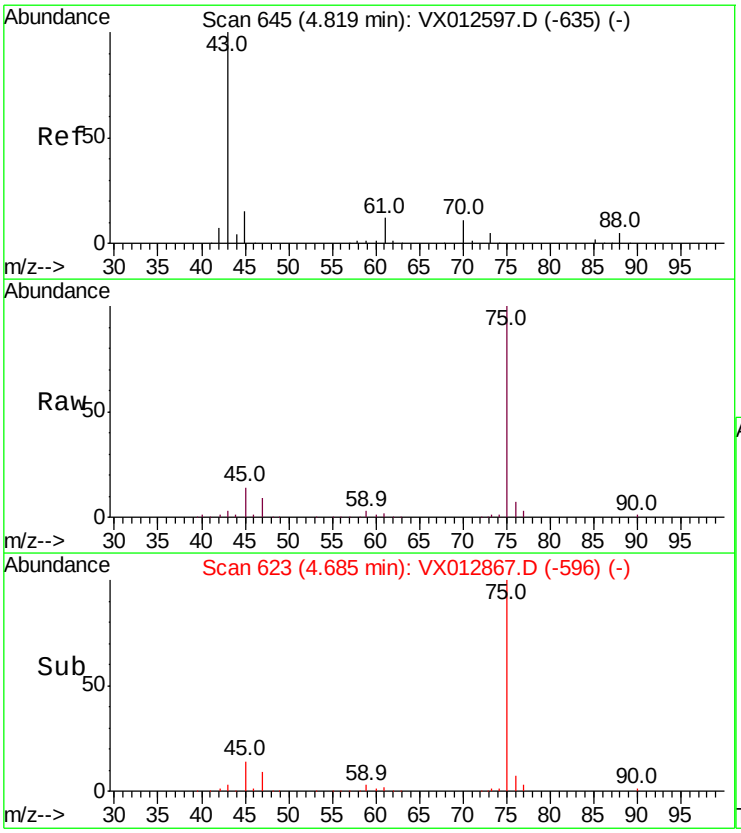
#36
1,1-Dichloropropene
Concen: 5.323 ug/l
RT: 5.65 min Scan# 782
Delta R.T. -0.13 min
Lab File: VX012867.D
Acq: 08 Oct 2019 03:39

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 15448

Ion	Ratio	Lower	Upper
75	100		
110	8.5	16.7	50.0#
77	0.0	24.2	36.2#

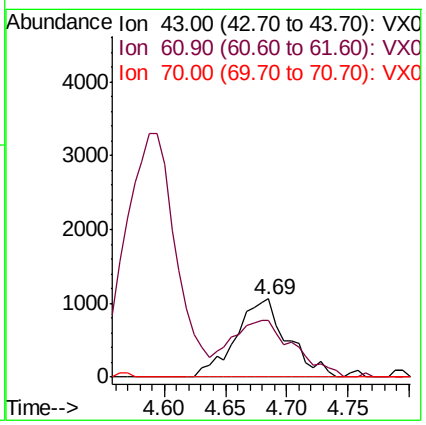


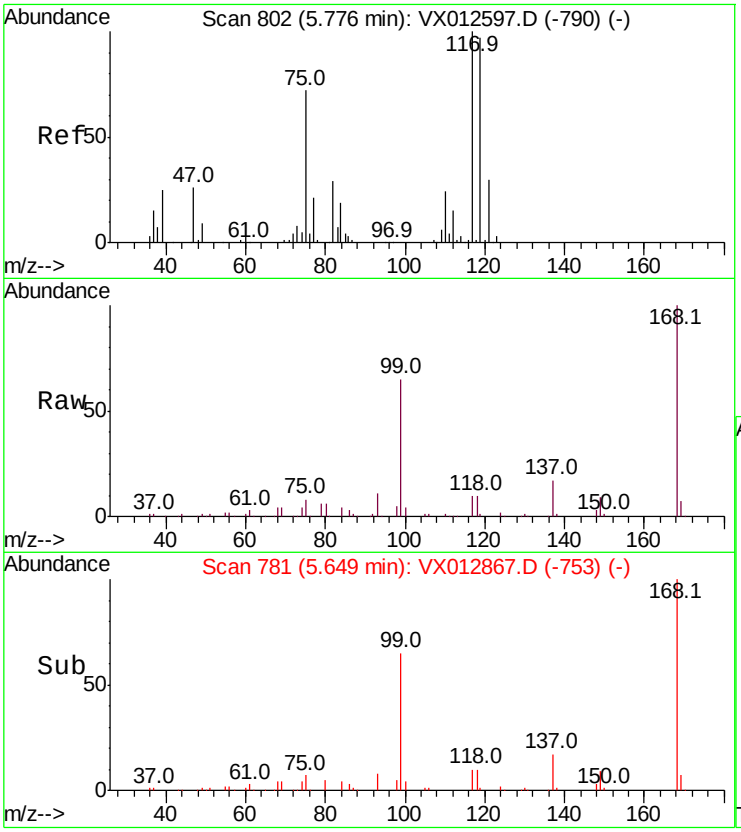


#37
Ethyl Acetate
Concen: 0.914 ug/l
RT: 4.69 min Scan# 623
Delta R.T. -0.13 min
Lab File: VX012867.D
Acq: 08 Oct 2019 03:39

Tgt Ion: 43 Resp: 3101

Ion	Ratio	Lower	Upper
43	100		
61	89.1	10.2	15.4#
70	0.0	8.7	13.1#



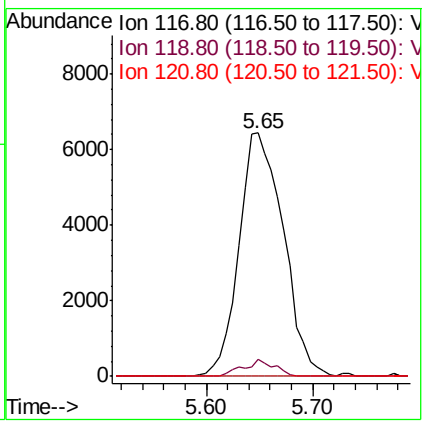


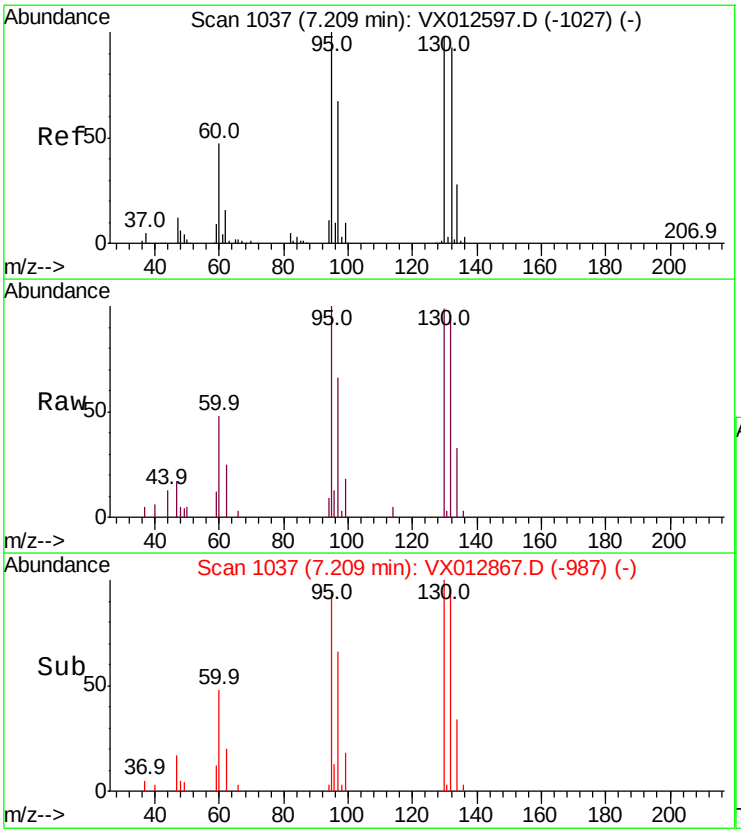
#38
Carbon Tetrachloride
Concen: 6.363 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.13 min
Lab File: VX012867.D
Acq: 08 Oct 2019 03:39

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 18758

Ion	Ratio	Lower	Upper
117	100		
119	6.8	75.7	113.5#
121	0.0	24.2	36.4#

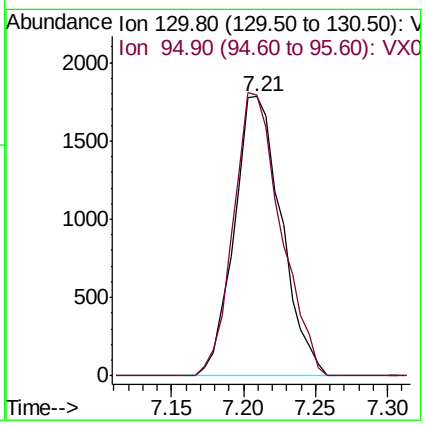


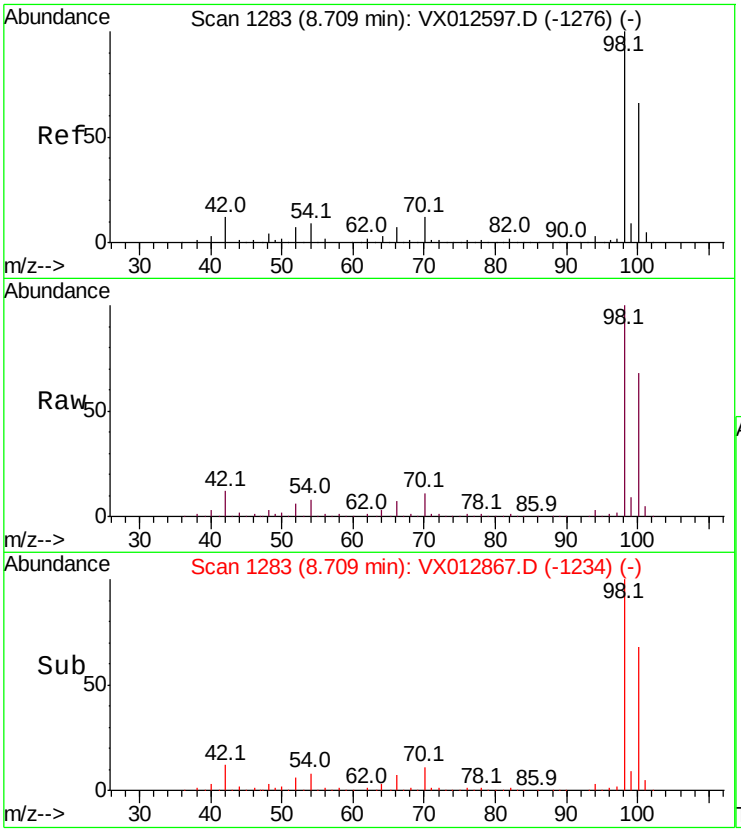


#44
Trichloroethene
Concen: 1.848 ug/l
RT: 7.21 min Scan# 1037
Delta R.T. 0.01 min
Lab File: VX012867.D
Acq: 08 Oct 2019 03:39

Tgt Ion:130 Resp: 4034

Ion	Ratio	Lower	Upper
130	100		
95	100.5	0.0	193.0



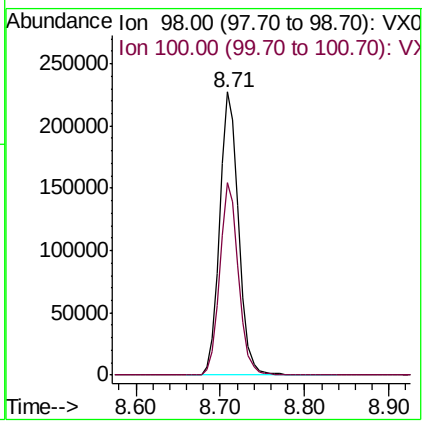


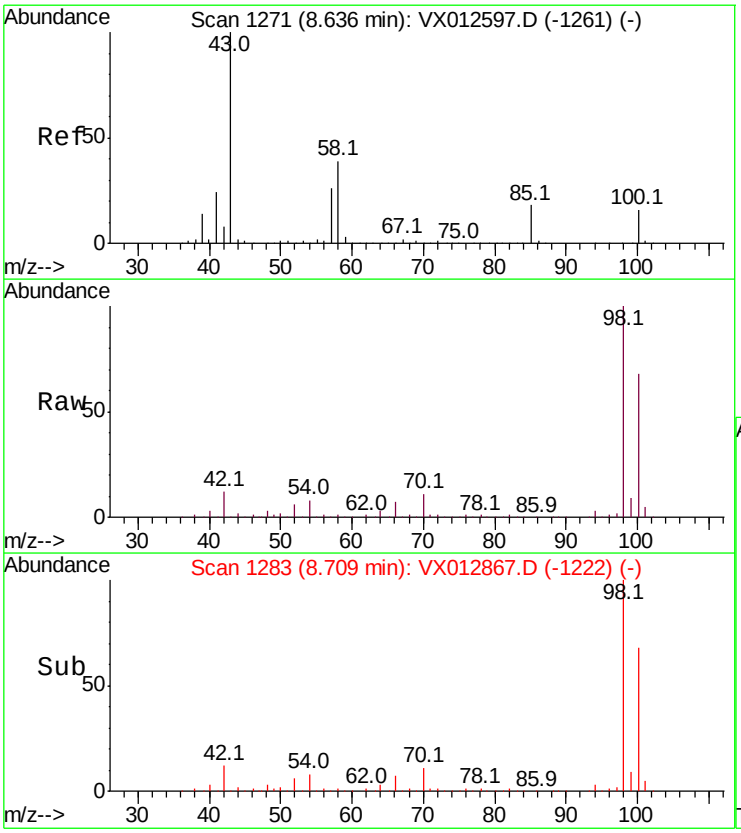
#50
Toluene-d8
Concen: 51.135 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX012867.D
Acq: 08 Oct 2019 03:39

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 98 Resp: 353099

Ion	Ratio	Lower	Upper
98	100		
100	67.3	53.4	80.2

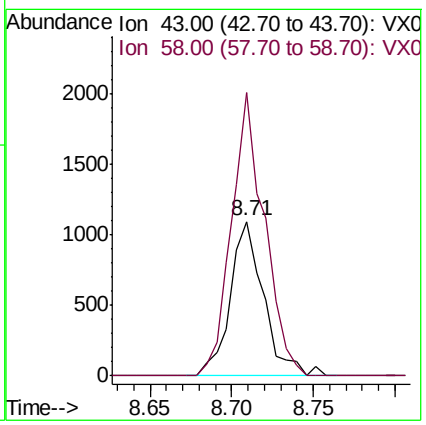


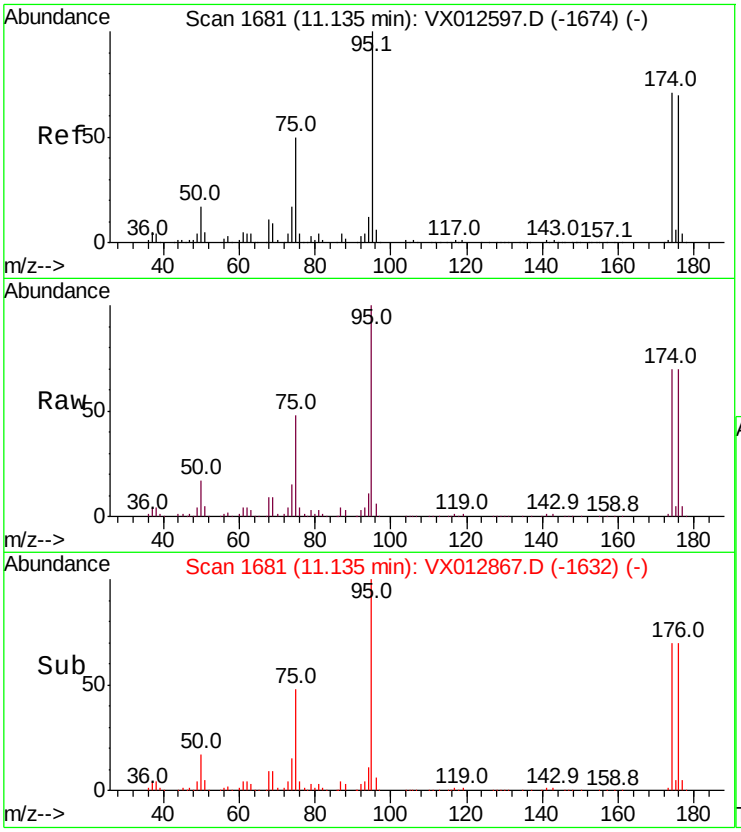


#51
4-Methyl-2-Pentanone
Concen: 0.445 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.07 min
Lab File: VX012867.D
Acq: 08 Oct 2019 03:39

Tgt Ion: 43 Resp: 1558

Ion	Ratio	Lower	Upper
43	100		
58	180.9	29.8	44.6#



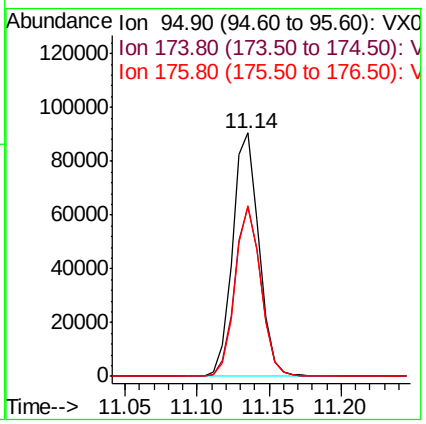


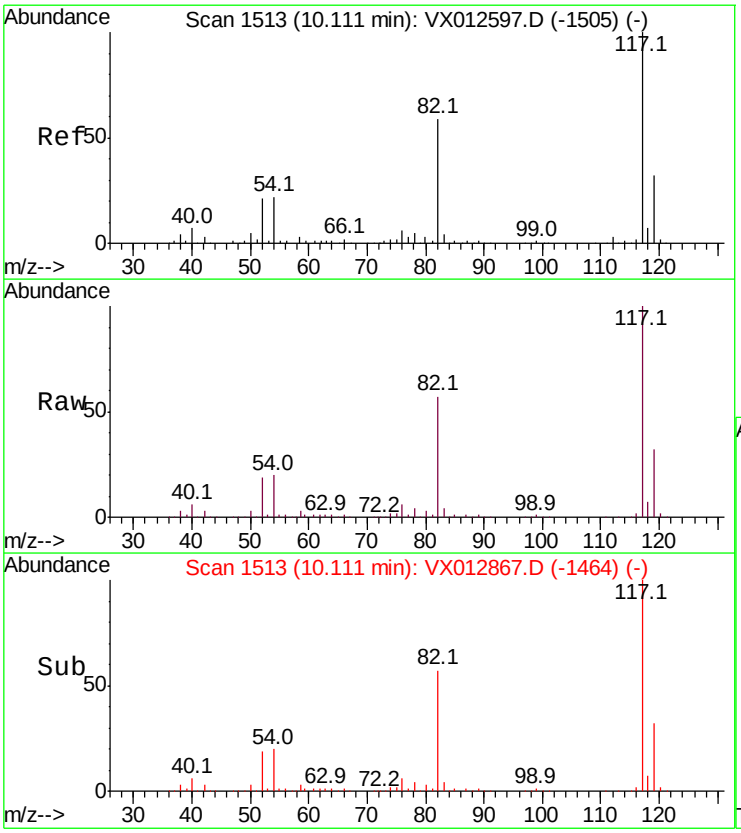
#62
4-Bromofluorobenzene
Concen: 42.711 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VX012867.D
Acq: 08 Oct 2019 03:39

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 95 Resp: 115968

Ion	Ratio	Lower	Upper
95	100		
174	69.1	0.0	140.0
176	68.1	0.0	135.4

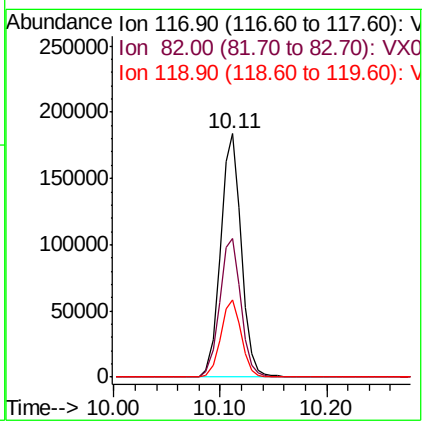


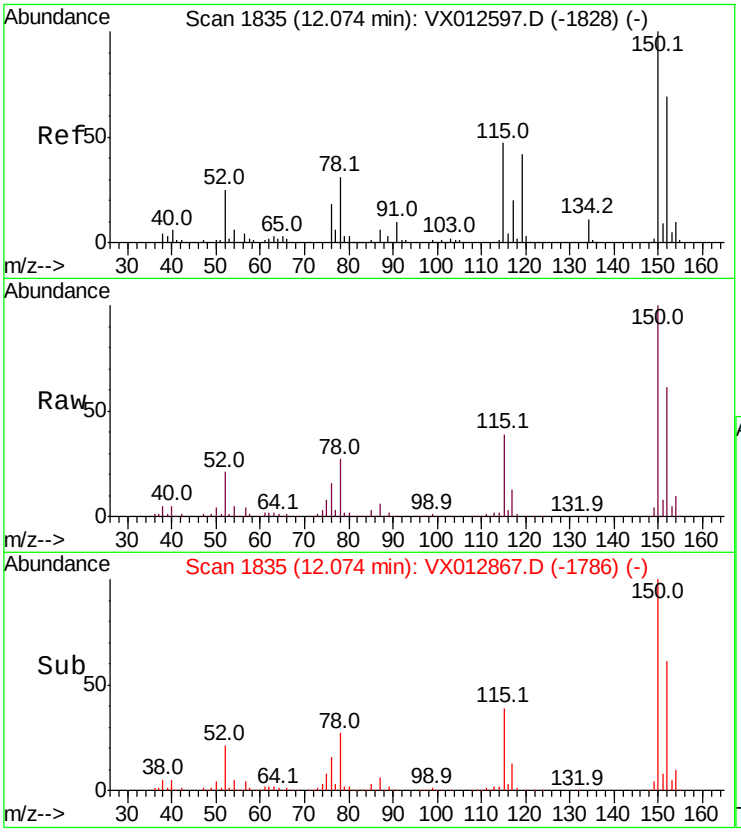


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012867.D
Acq: 08 Oct 2019 03:39

Tgt Ion:117 Resp: 249432

Ion	Ratio	Lower	Upper
117	100		
82	57.2	45.9	68.9
119	31.8	25.3	37.9



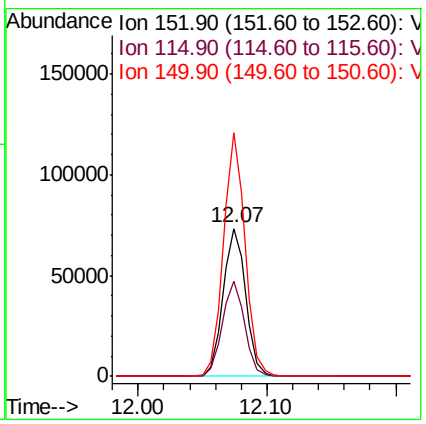


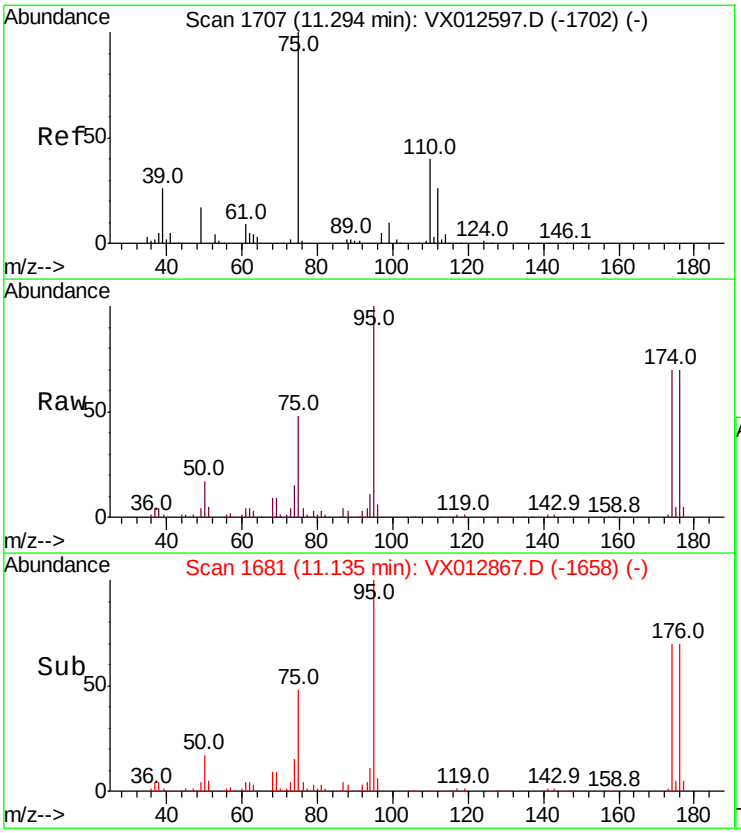
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX012867.D
Acq: 08 Oct 2019 03:39

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:152 Resp: 91047

Ion	Ratio	Lower	Upper
152	100		
115	63.2	44.1	132.3
150	157.0	0.0	343.8

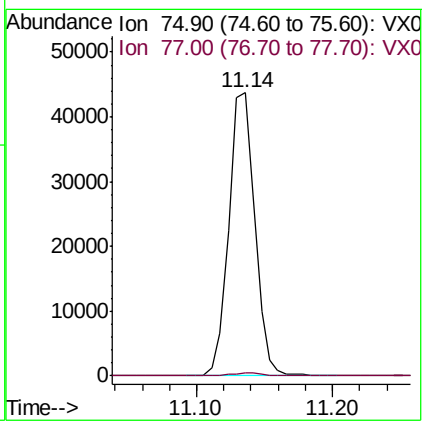


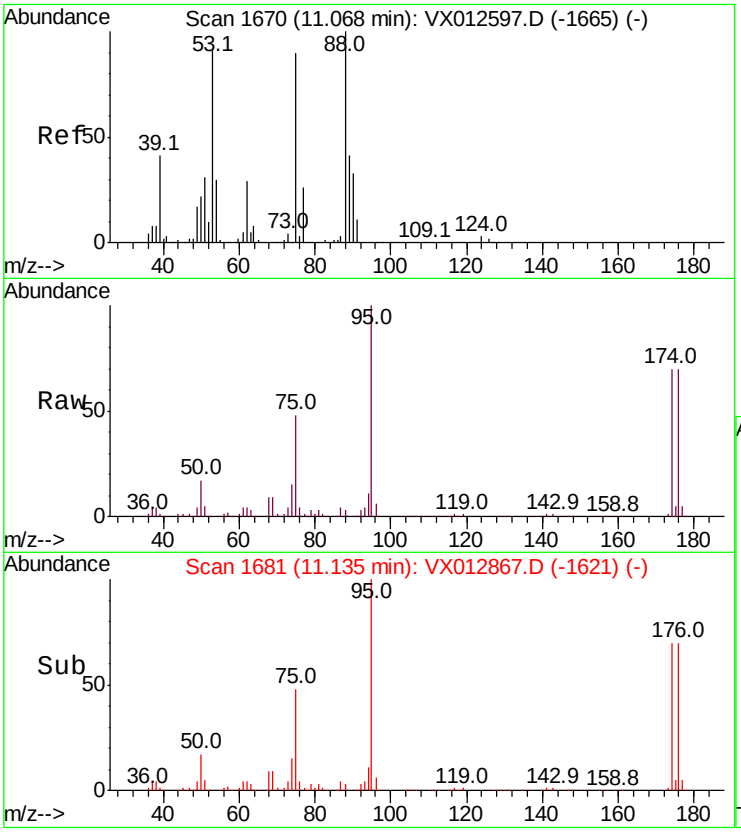


#76
1,2,3-Trichloropropane
Concen: 24.243 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. -0.16 min
Lab File: VX012867.D
Acq: 08 Oct 2019 03:39

Tgt Ion: 75 Resp: 58388

Ion	Ratio	Lower	Upper
75	100		
77	1.2	19.7	59.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 69.476 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.07 min
Lab File: VX012867.D
Acq: 08 Oct 2019 03:39

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 58388

Ion	Ratio	Lower	Upper
75	100		
53	0.0	83.6	125.4#
89	0.0	36.3	54.5#