Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX122319\
Data File : VX014215.D
Acq On : 23 Dec 2019 20:16
Operator : JC/SP
Sample : K6377-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-7

Quant Time: Dec 24 01:34:18 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 17 03:01:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	558406	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	860373	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	763022	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	344117	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	308727	48.78	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.56%			
35) Dibromofluoromethane	5.49	113	252348	48.25	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.50%			
50) Toluene-d8	8.71	98	1010348	49.62	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.24%			
62) 4-Bromofluorobenzene	11.13	95	343416	46.14	ug/l	0.00
Spiked Amount 50.000			Recovery = 92.28%			
Target Compounds						Qvalue
6) Chloroethane	1.60	64	20175	4.621	ug/l #	56
10) Methyl Iodide	2.48	142	80	2.632	ug/l #	1
11) Tert butyl alcohol	3.02	59	962549	703.875	ug/l	99
13) Acrolein	2.27	56	343	0.438	ug/l #	14
14) Allyl chloride	2.58	41	6910	0.720	ug/l #	69
15) Acrylonitrile	3.18	53	79547	24.922	ug/l #	28
16) Acetone	2.43	43	3443	0.838	ug/l	94
17) Carbon Disulfide	2.57	76	1501	0.849	ug/l #	75
18) Methyl Acetate	2.59	43	13385	1.644	ug/l #	56
19) Methyl tert-butyl Ether	3.18	73	8228624	466.185	ug/l	100
22) Diisopropyl ether	3.84	45	121201	6.342	ug/l #	81
23) Vinyl Acetate	3.84	43	60533	3.881	ug/l #	72
28) Bromochloromethane	5.06	49	382	0.546	ug/l #	42
36) 1,1-Dichloropropene	5.65	75	37497	4.750	ug/l #	51
38) Carbon Tetrachloride	5.65	117	47908	6.662	ug/l #	16
42) 1,2-Dichloroethane	6.19	62	7005	0.851	ug/l	97
43) Isopropyl Acetate	6.42	43	16218	1.124	ug/l #	25
46) Dibromomethane	7.69	93	832	0.202	ug/l #	1
48) Methyl methacrylate	7.67	41	2204	0.312	ug/l #	26
49) 1,4-Dioxane	7.77	88	334	2.323	ug/l #	18
76) 1,2,3-Trichloropropane	11.13	75	166311	22.262	ug/l #	39
81) trans-1,4-Dichloro-2-buten	11.13	75	166311	62.834	ug/l #	12

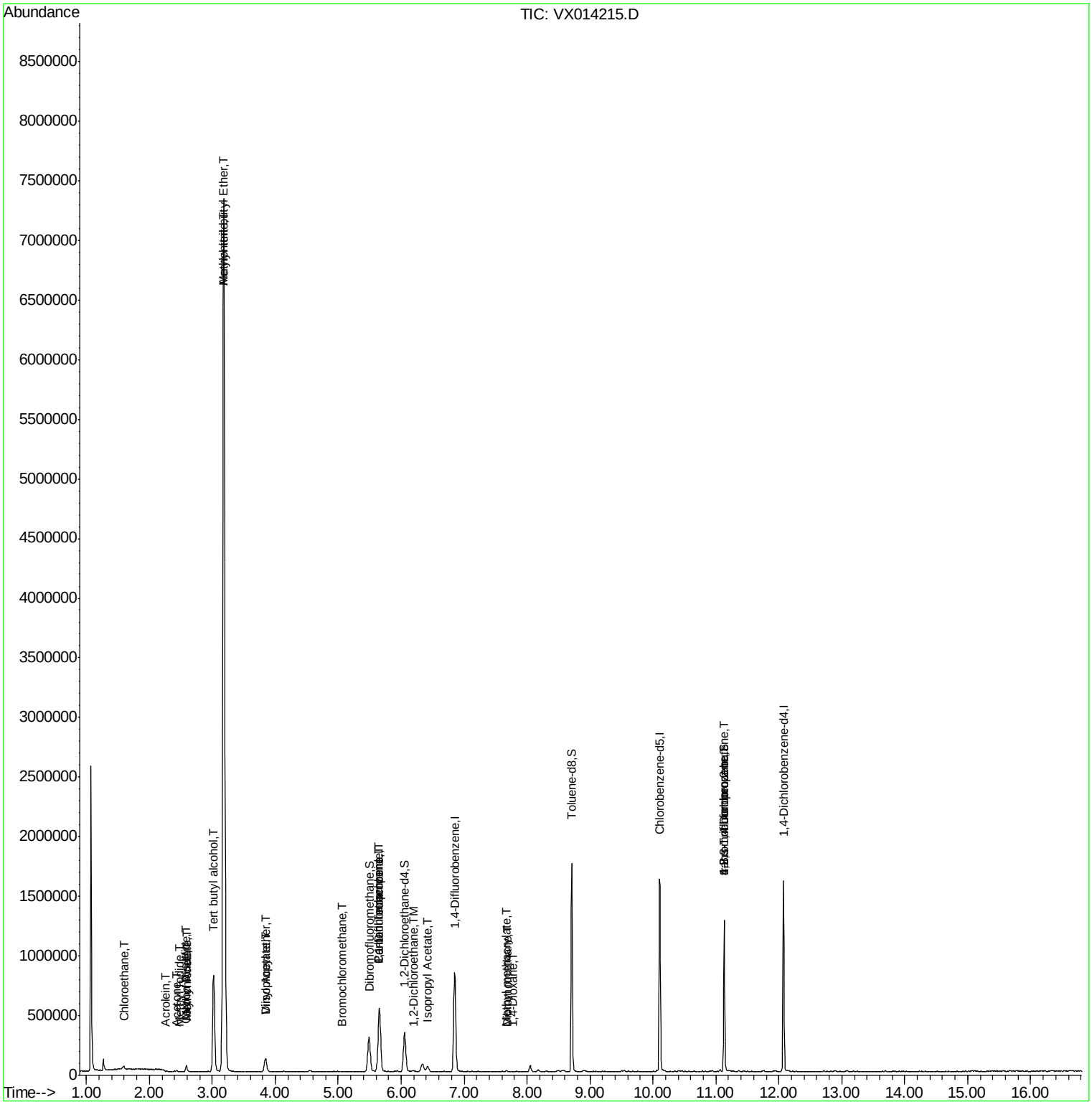
(#) = qualifier out of range (m) = manual integration (+) = signals summed

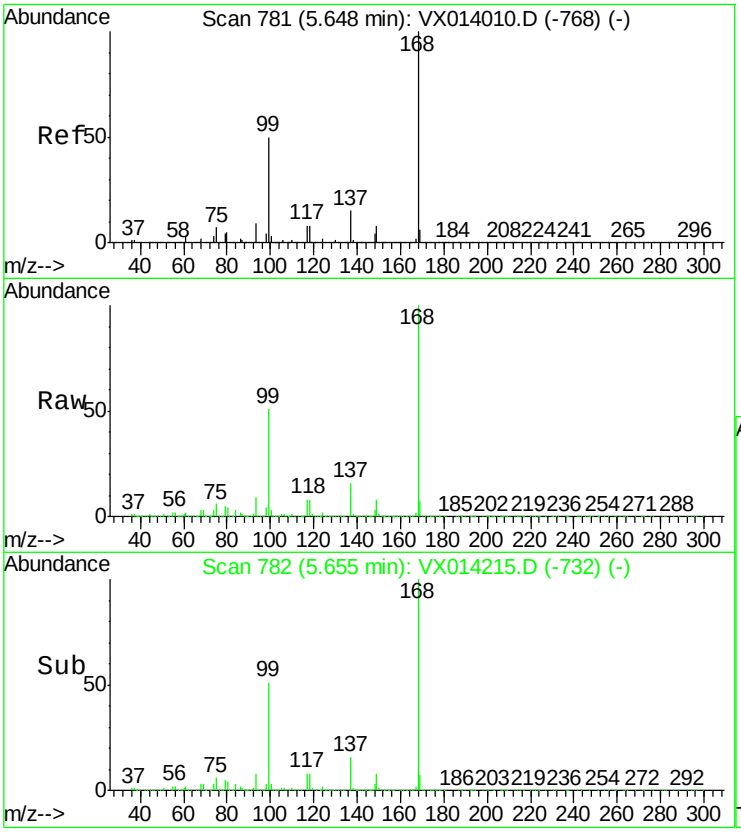
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX122319\
Data File : VX014215.D
Acq On : 23 Dec 2019 20:16
Operator : JC/SP
Sample : K6377-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-7

Quant Time: Dec 24 01:34:18 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 17 03:01:07 2019
Response via : Initial Calibration



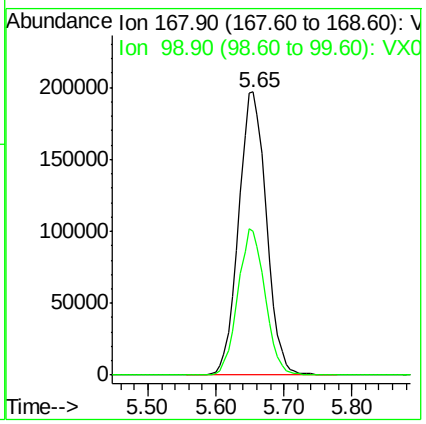


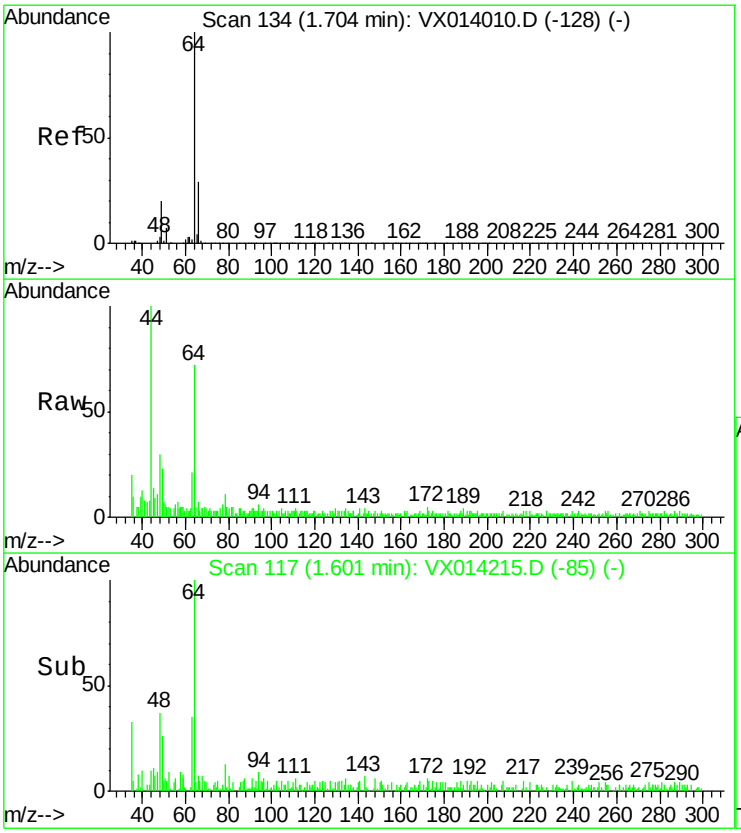
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 782
Delta R.T. 0.01 min
Lab File: VX014215.D
Acq: 23 Dec 2019 20:16

Instrument :
MSVOA_X
ClientSampleId :
MW-7

Tgt Ion:168 Resp: 558406

Ion	Ratio	Lower	Upper
168	100		
99	50.6	40.3	60.5

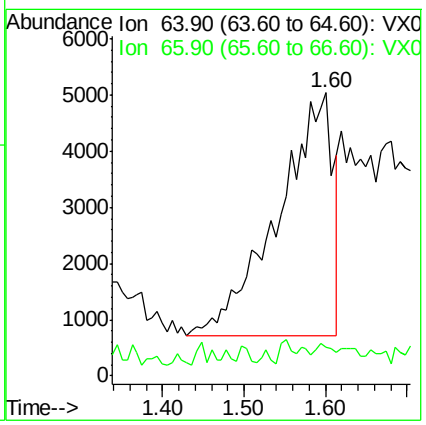


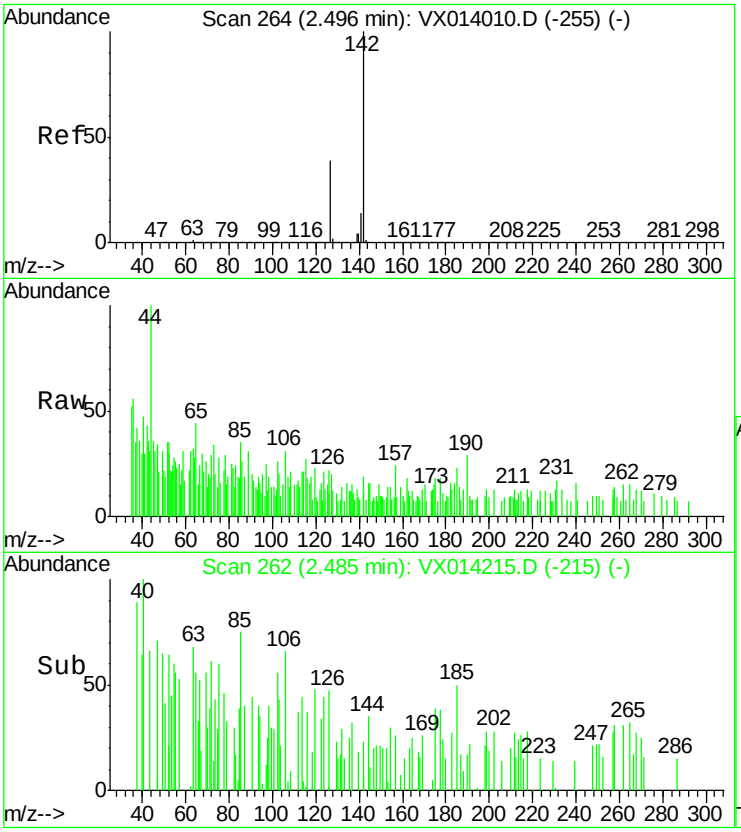


#6
Chloroethane
Concen: 4.621 ug/l
RT: 1.60 min Scan# 117
Delta R.T. -0.10 min
Lab File: VX014215.D
Acq: 23 Dec 2019 20:16

Tgt Ion: 64 Resp: 20175

Ion	Ratio	Lower	Upper
64	100		
66	5.9	23.4	35.2#



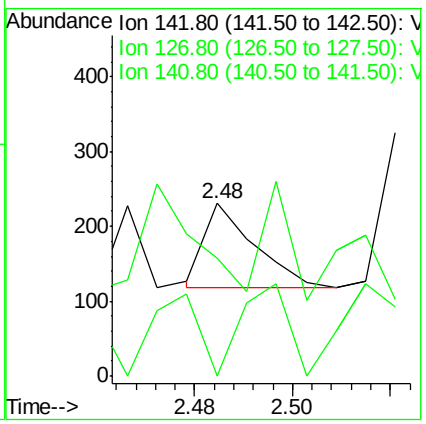


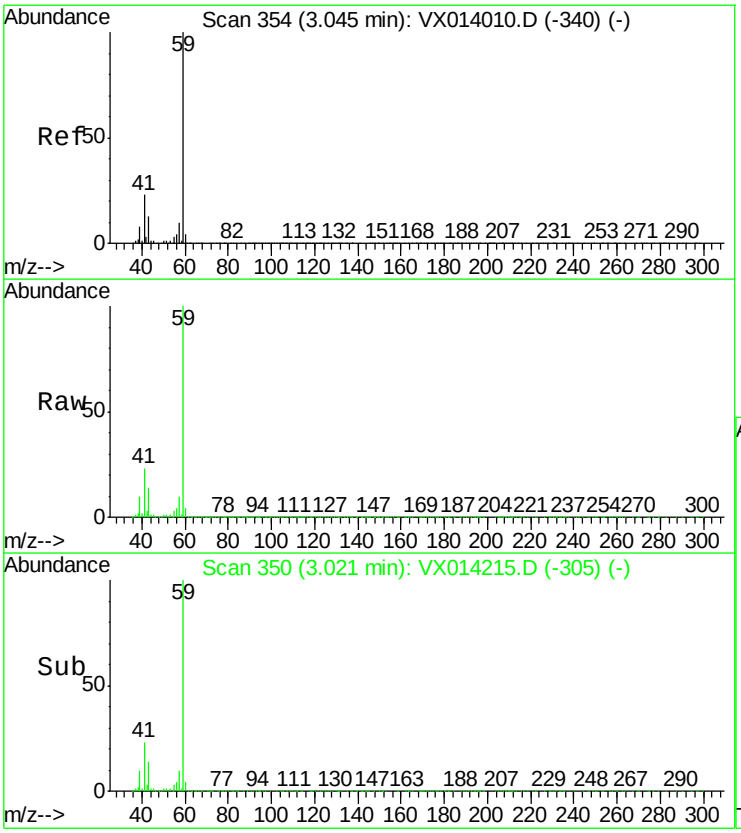
#10
Methyl Iodide
Concen: 2.632 ug/l
RT: 2.48 min Scan# 262
Delta R.T. -0.01 min
Lab File: VX014215.D
Acq: 23 Dec 2019 20:16

Instrument : MSVOA_X
ClientSampleId : MW-7

Tgt Ion:142 Resp: 80

Ion	Ratio	Lower	Upper
142	100		
127	181.3	31.6	47.4#
141	127.5	11.6	17.4#

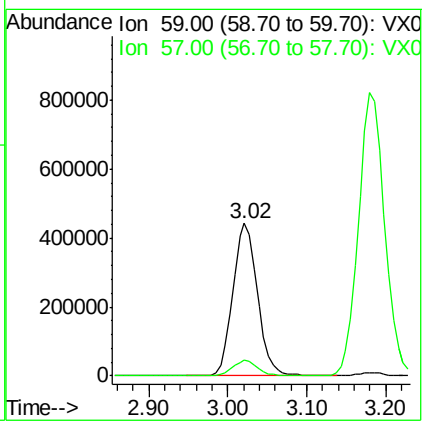


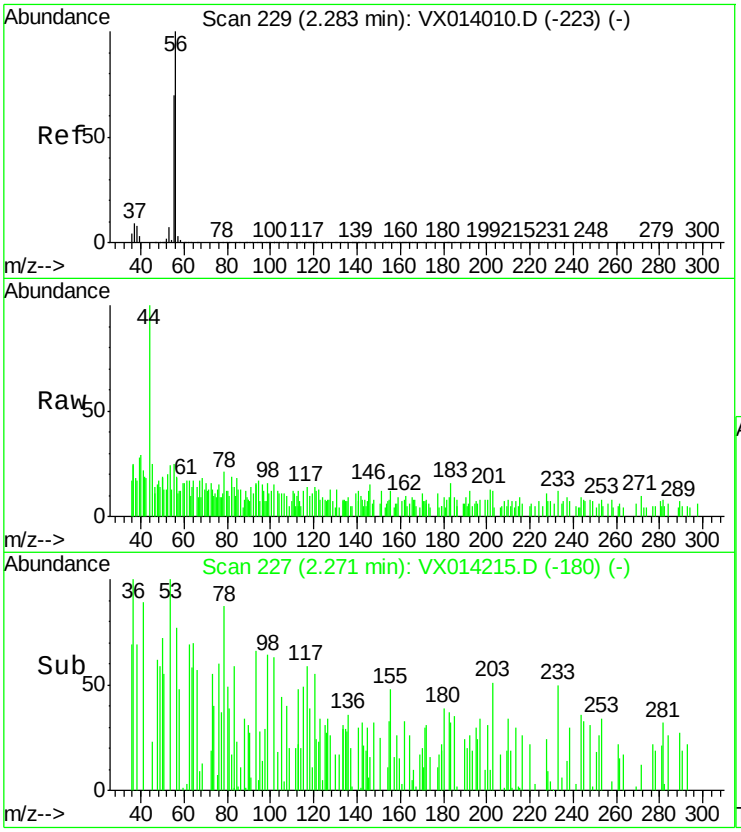


#11
Tert butyl alcohol
Concen: 703.875 ug/l
RT: 3.02 min Scan# 350
Delta R.T. -0.02 min
Lab File: VX014215.D
Acq: 23 Dec 2019 20:16

Tgt Ion: 59 Resp: 962549

Ion	Ratio	Lower	Upper
59	100		
57	10.1	8.4	12.6



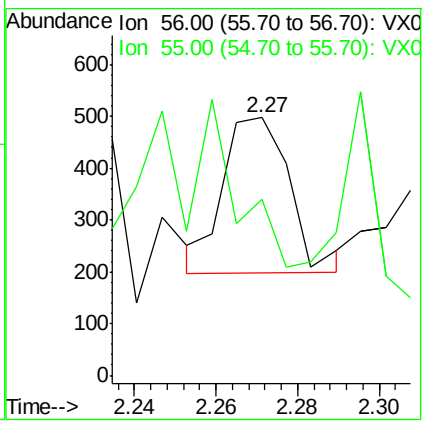


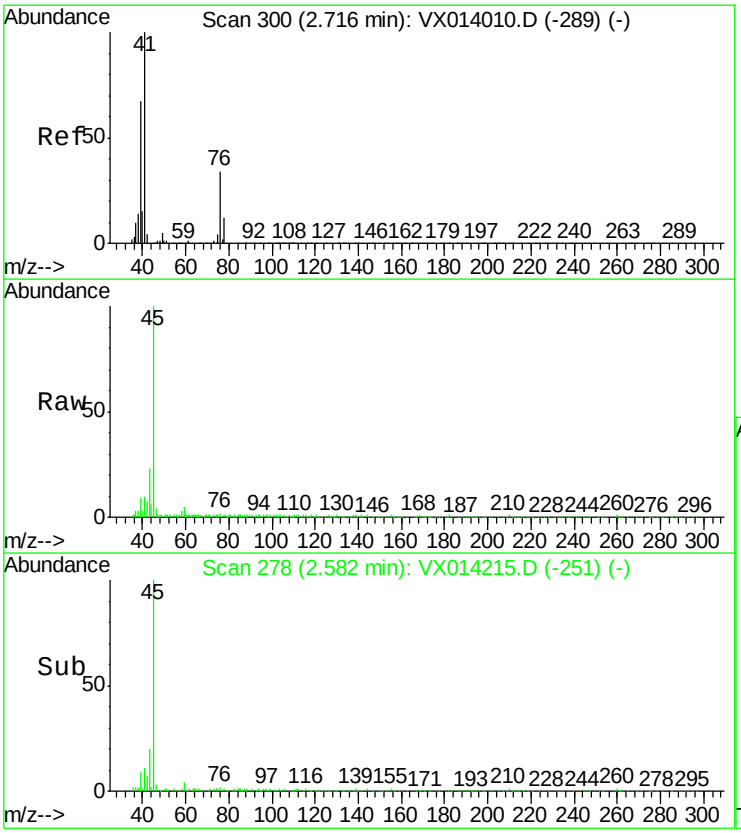
#13
Acrolein
Concen: 0.438 ug/l
RT: 2.27 min Scan# 227
Delta R.T. -0.01 min
Lab File: VX014215.D
Acq: 23 Dec 2019 20:16

Instrument : MSVOA_X
ClientSampleId : MW-7

Tgt Ion: 56 Resp: 343

Ion	Ratio	Lower	Upper
56	100		
55	0.0	56.9	85.3#

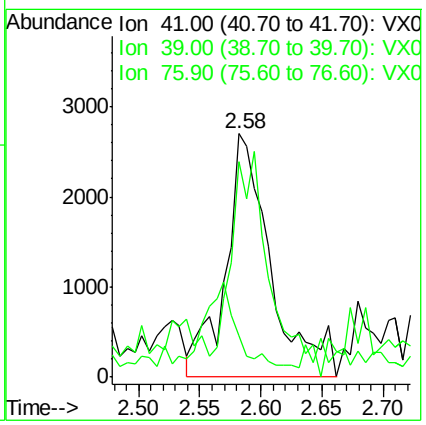


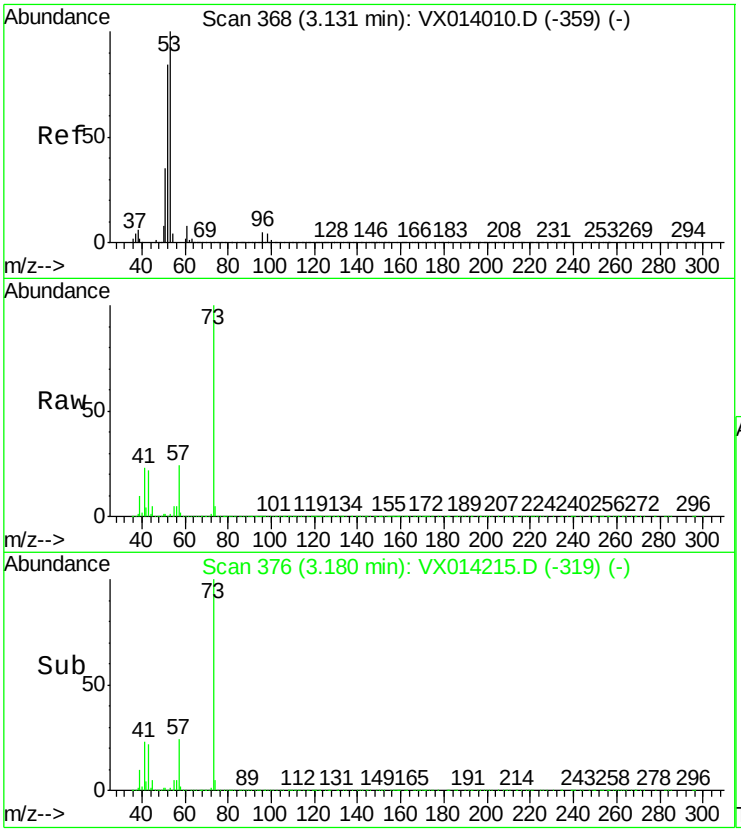


#14
Allyl chloride
Concen: 0.720 ug/l
RT: 2.58 min Scan# 278
Delta R.T. -0.13 min
Lab File: VX014215.D
Acq: 23 Dec 2019 20:16

Tgt Ion: 41 Resp: 6910

Ion	Ratio	Lower	Upper
41	100		
39	78.6	51.8	77.8#
76	0.0	25.9	38.9#



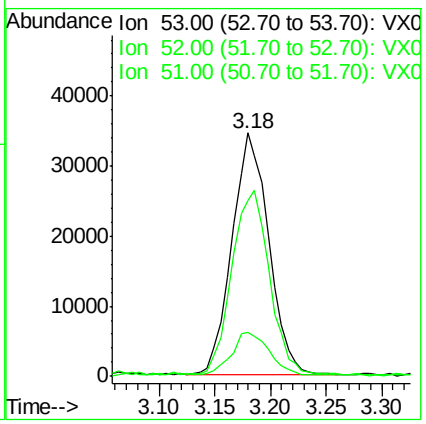


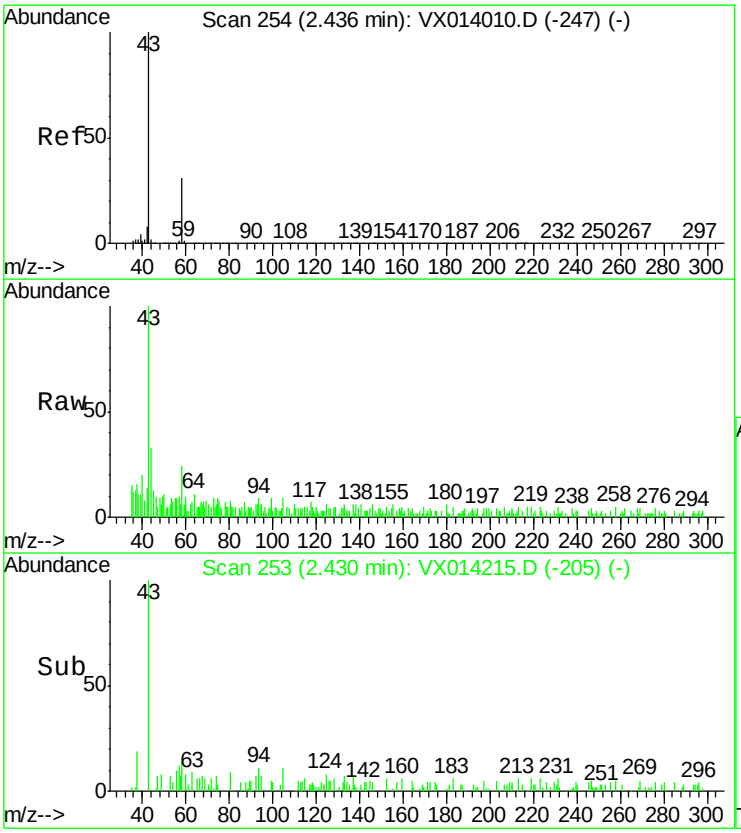
#15
Acrylonitrile
Concen: 24.922 ug/l
RT: 3.18 min Scan# 376
Delta R.T. 0.05 min
Lab File: VX014215.D
Acq: 23 Dec 2019 20:16

Instrument :
MSVOA_X
ClientSampleId :
MW-7

Tgt Ion: 53 Resp: 79547

Ion	Ratio	Lower	Upper
53	100		
52	18.0	66.5	99.7#
51	77.1	28.1	42.1#

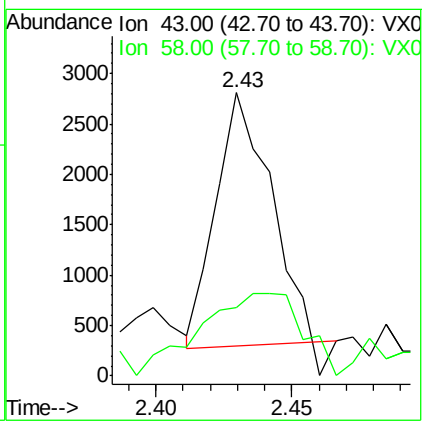


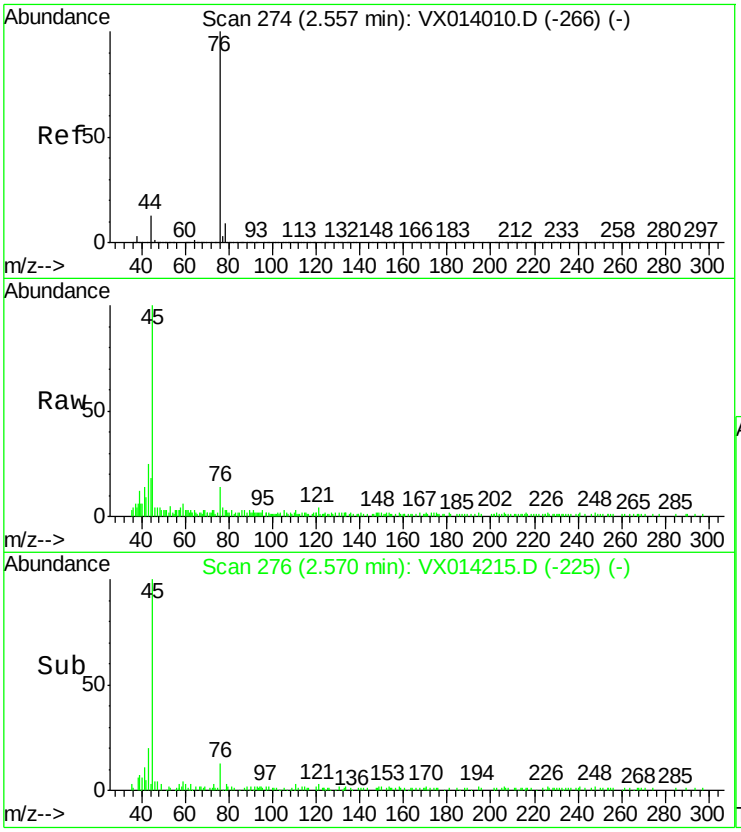


#16
Acetone
Concen: 0.838 ug/l
RT: 2.43 min Scan# 253
Delta R.T. -0.01 min
Lab File: VX014215.D
Acq: 23 Dec 2019 20:16

Tgt Ion: 43 Resp: 3443

Ion	Ratio	Lower	Upper
43	100		
58	27.7	24.9	37.3



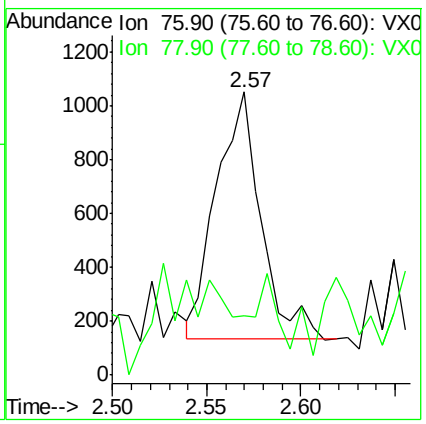


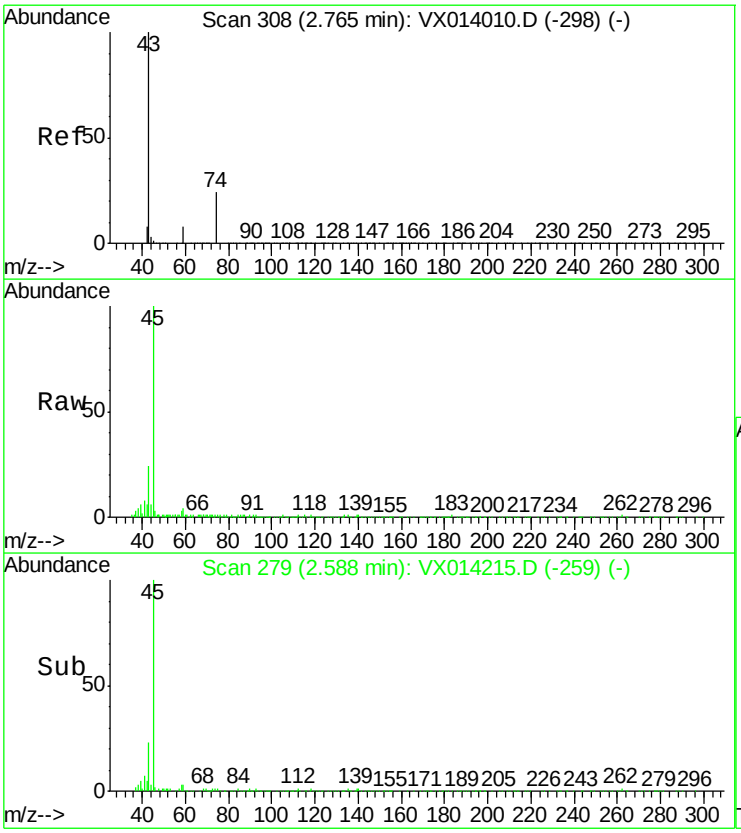
#17
Carbon Disulfide
Concen: 0.849 ug/l
RT: 2.57 min Scan# 276
Delta R.T. 0.01 min
Lab File: VX014215.D
Acq: 23 Dec 2019 20:16

Instrument :
MSVOA_X
ClientSampleId :
MW-7

Tgt Ion: 76 Resp: 1501

Ion	Ratio	Lower	Upper
76	100		
78	0.0	7.2	10.8#

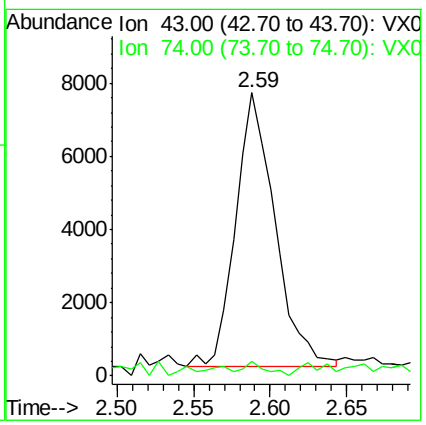


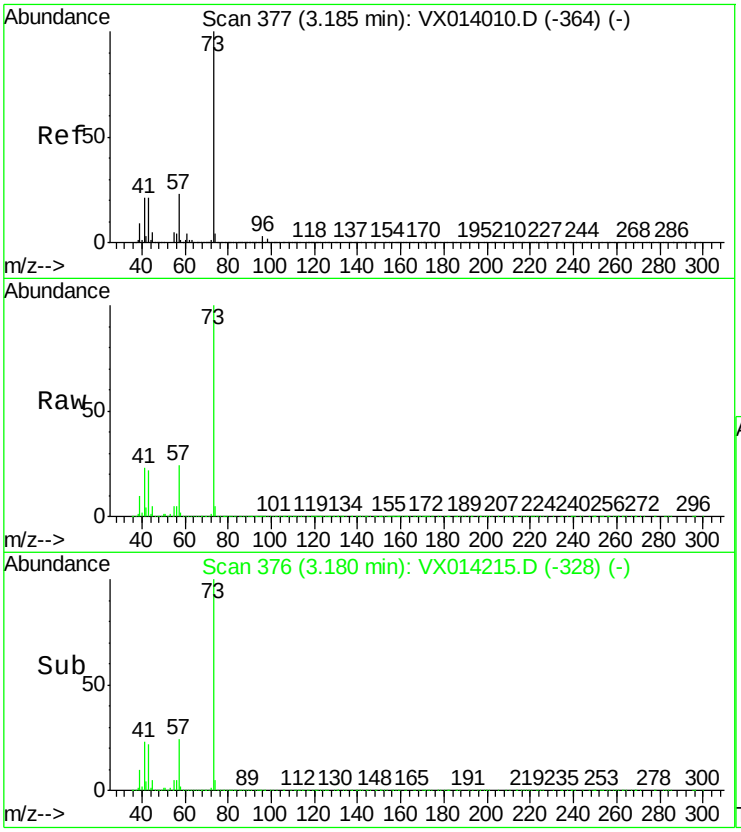


#18
Methyl Acetate
Concen: 1.644 ug/l
RT: 2.59 min Scan# 279
Delta R.T. -0.18 min
Lab File: VX014215.D
Acq: 23 Dec 2019 20:16

Tgt Ion: 43 Resp: 13385

Ion	Ratio	Lower	Upper
43	100		
74	2.8	19.5	29.3#



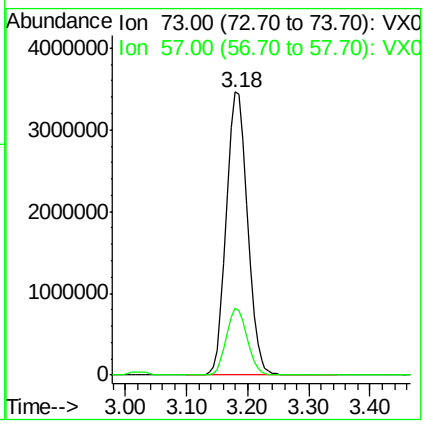


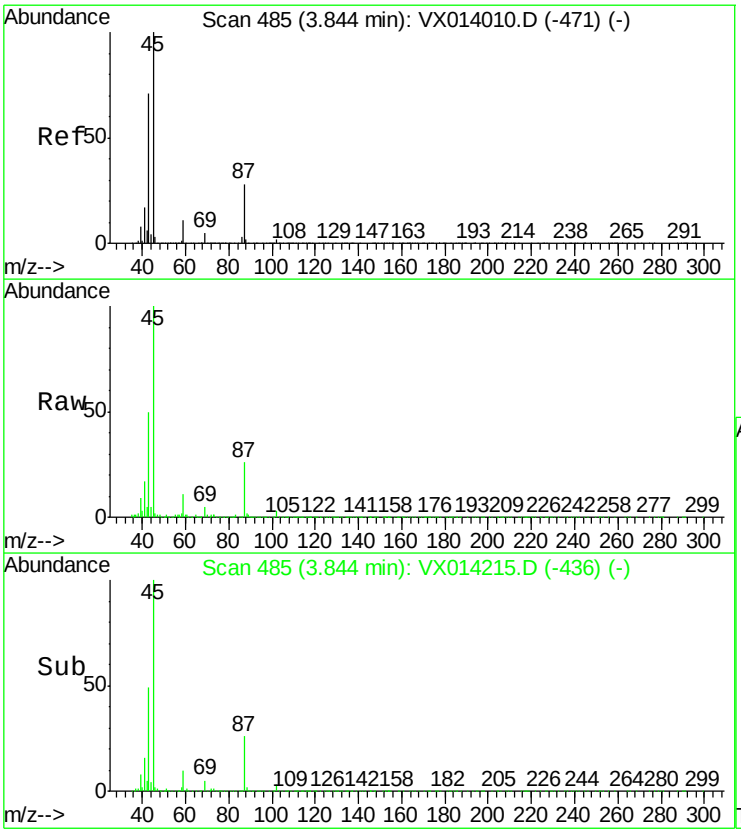
#19
Methyl tert-butyl Ether
Concen: 466.185 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX014215.D
Acq: 23 Dec 2019 20:16

Instrument :
MSVOA_X
ClientSampleId :
MW-7

Tgt Ion: 73 Resp: 8228624

Ion	Ratio	Lower	Upper
73	100		
57	23.7	18.8	28.2

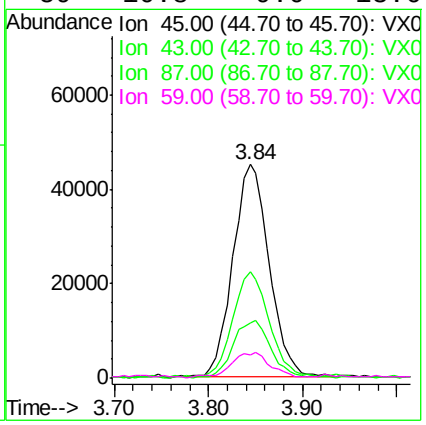


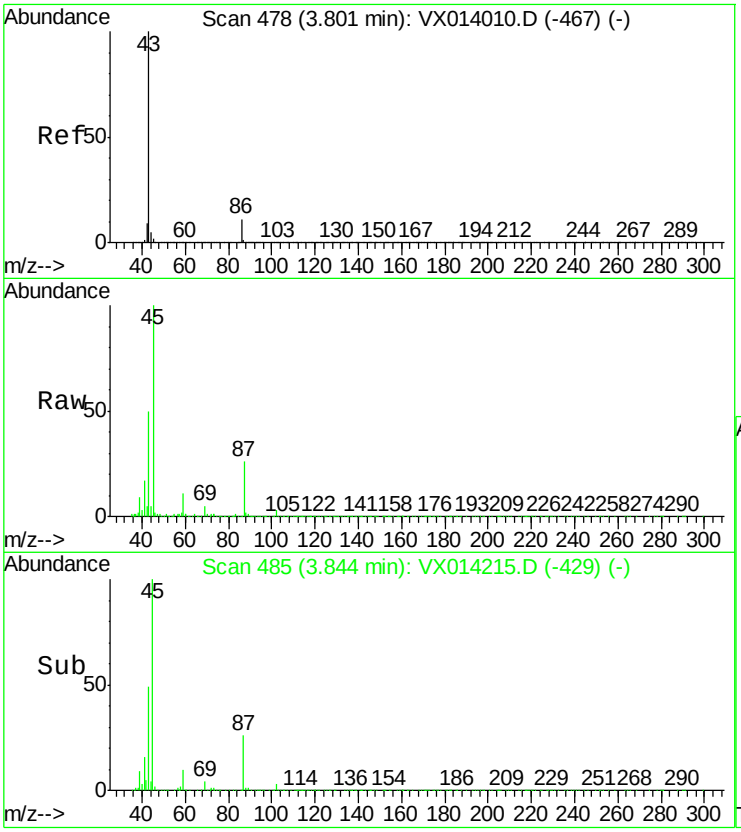


#22
Diisopropyl ether
Concen: 6.342 ug/l
RT: 3.84 min Scan# 485
Delta R.T. 0.00 min
Lab File: VX014215.D
Acq: 23 Dec 2019 20:16

Tgt Ion: 45 Resp: 121201

Ion	Ratio	Lower	Upper
45	100		
43	48.7	57.4	86.0#
87	25.8	21.9	32.9
59	10.8	9.0	13.6



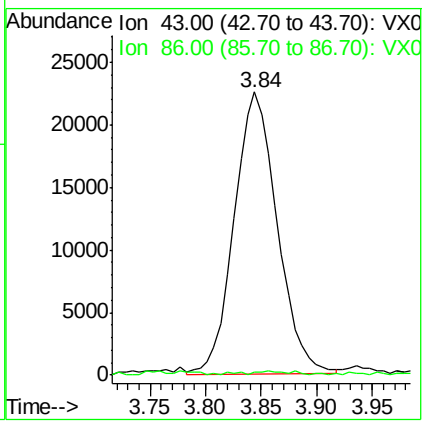


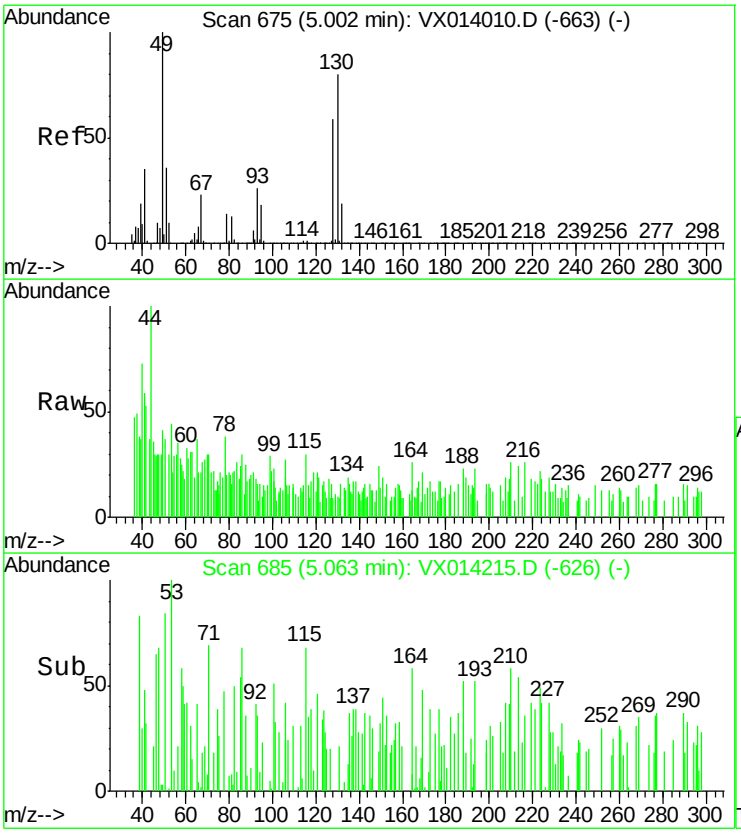
#23
Vinyl Acetate
Concen: 3.881 ug/l
RT: 3.84 min Scan# 485
Delta R.T. 0.04 min
Lab File: VX014215.D
Acq: 23 Dec 2019 20:16

Instrument :
MSVOA_X
ClientSampleId :
MW-7

Tgt Ion: 43 Resp: 60533

Ion	Ratio	Lower	Upper
43	100		
86	0.1	8.6	12.8#

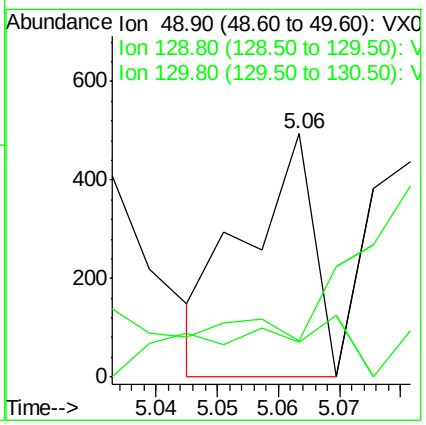


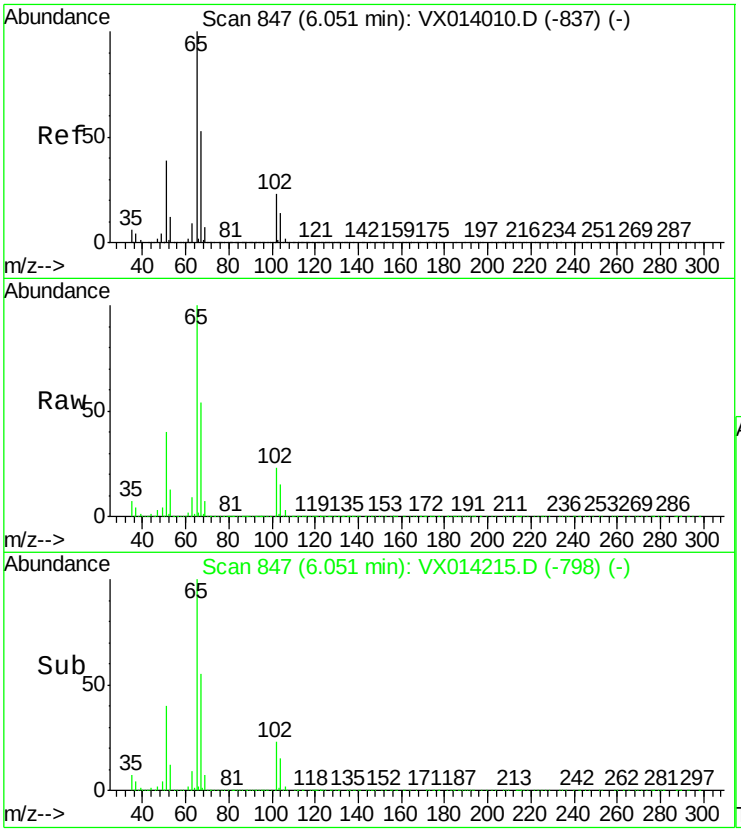


#28
Bromochloromethane
Concen: 0.546 ug/l
RT: 5.06 min Scan# 685
Delta R.T. 0.06 min
Lab File: VX014215.D
Acq: 23 Dec 2019 20:16

Tgt Ion: 49 Resp: 382

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	5.0
130	28.3	64.6	97.0#



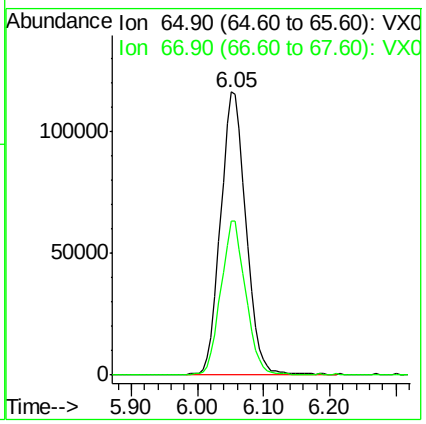


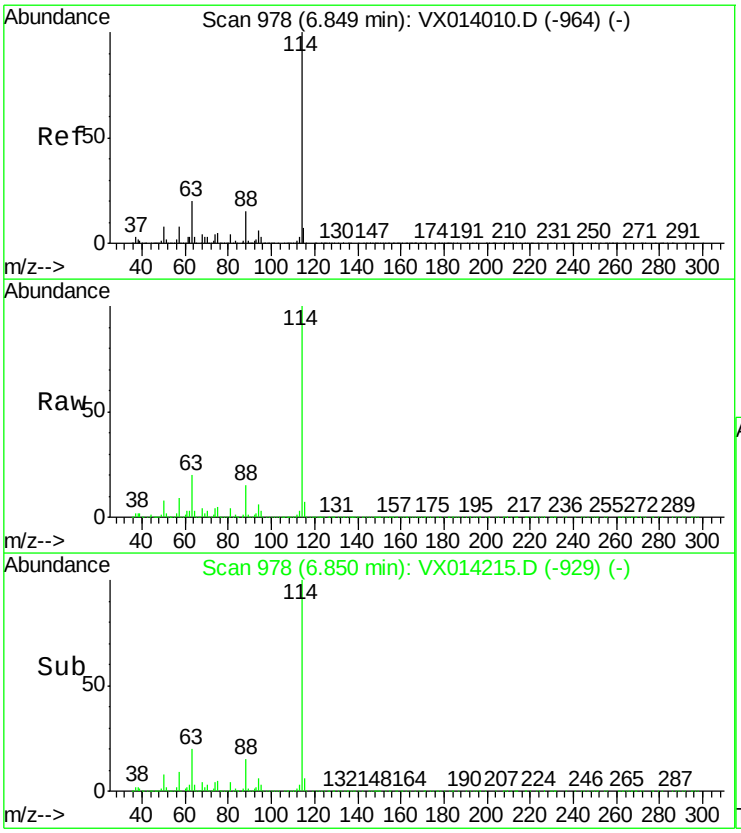
#33
1,2-Dichloroethane-d4
Concen: 48.782 ug/l
RT: 6.05 min Scan# 847
Delta R.T. 0.00 min
Lab File: VX014215.D
Acq: 23 Dec 2019 20:16

Instrument :
MSVOA_X
ClientSampleId :
MW-7

Tgt Ion: 65 Resp: 308727

Ion	Ratio	Lower	Upper
65	100		
67	53.5	0.0	106.4

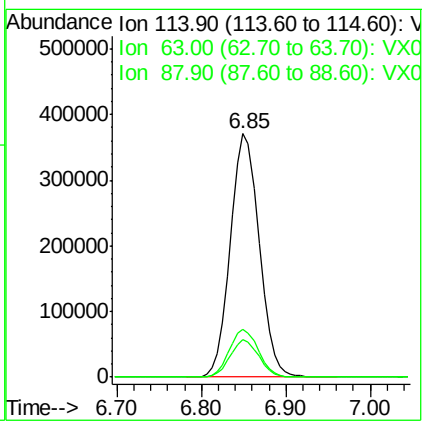


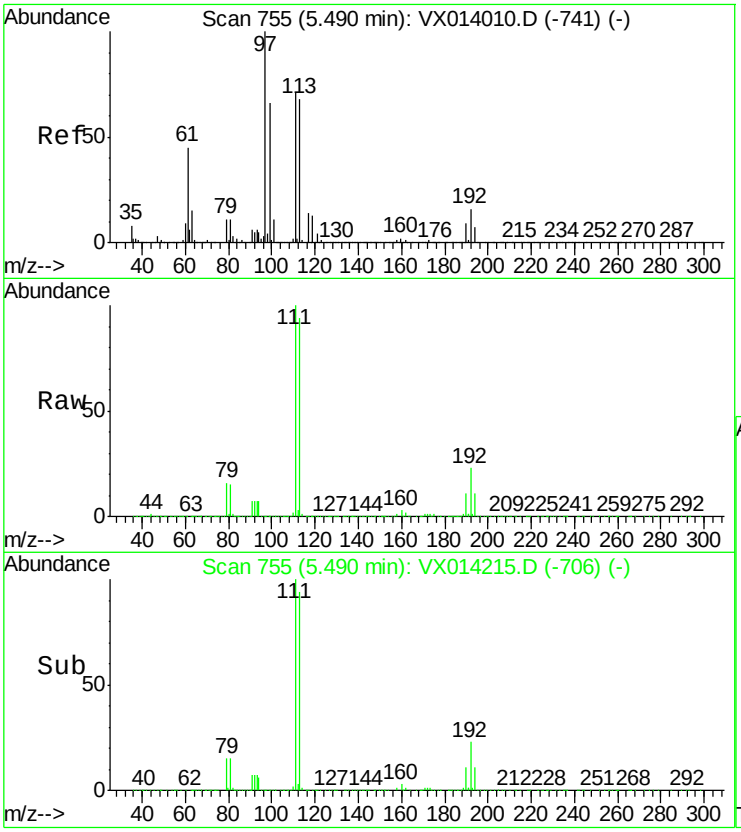


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. 0.00 min
Lab File: VX014215.D
Acq: 23 Dec 2019 20:16

Tgt Ion:114 Resp: 860373

Ion	Ratio	Lower	Upper
114	100		
63	19.7	0.0	40.8
88	15.3	0.0	30.4



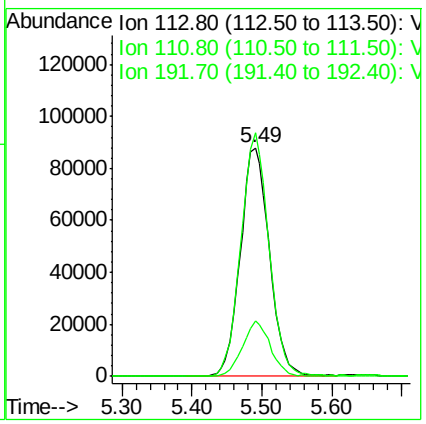


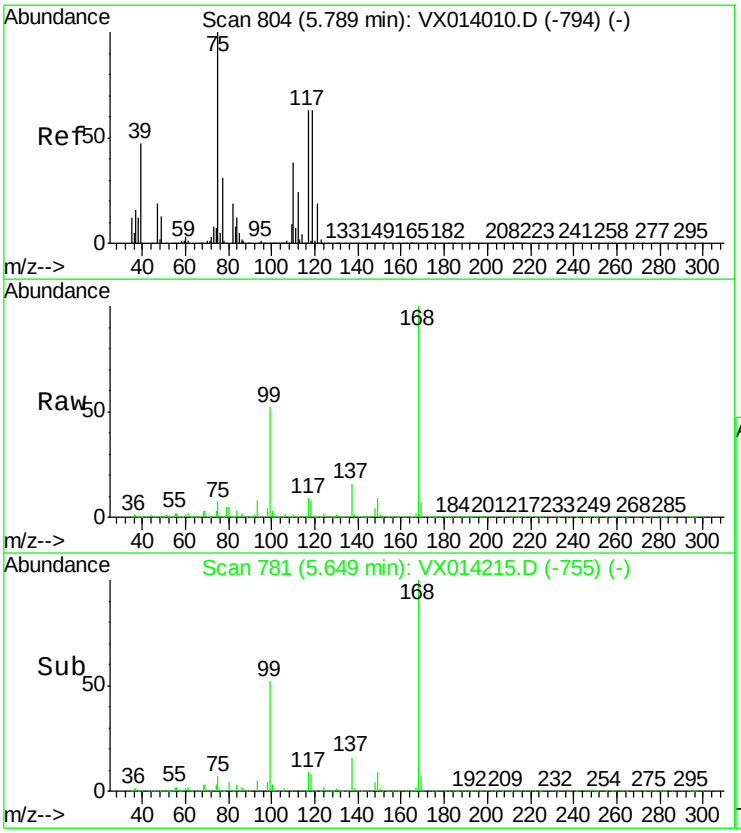
#35
Dibromofluoromethane
Concen: 48.249 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX014215.D
Acq: 23 Dec 2019 20:16

Instrument :
MSVOA_X
ClientSampleId :
MW-7

Tgt Ion:113 Resp: 252348

Ion	Ratio	Lower	Upper
113	100		
111	103.6	82.0	123.0
192	23.2	19.3	28.9

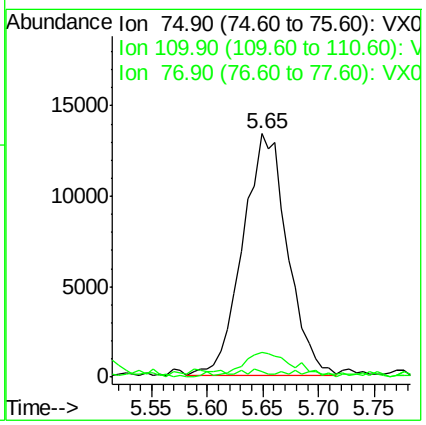


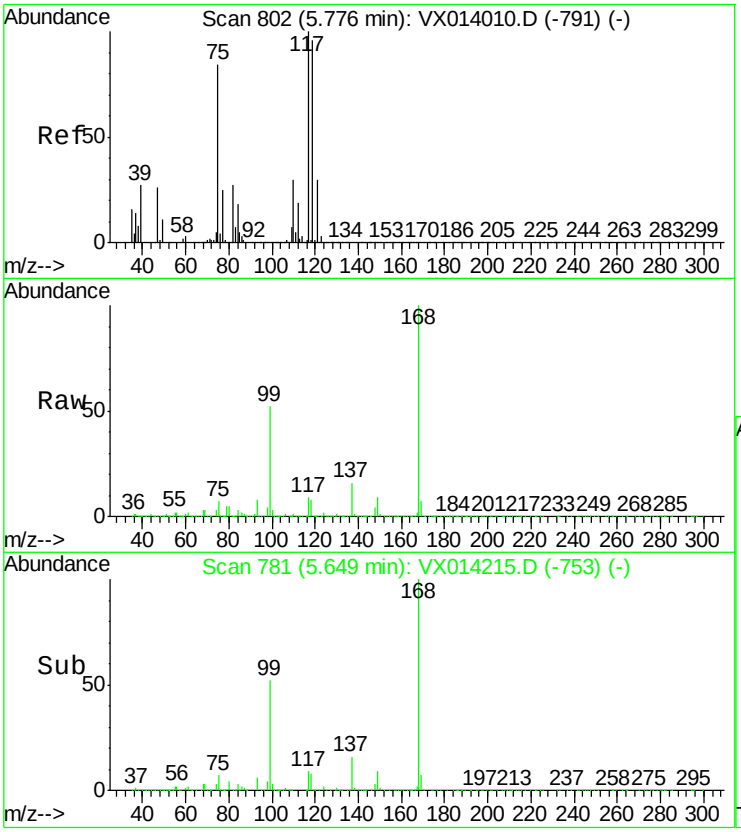


#36
1,1-Dichloropropene
Concen: 4.750 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.14 min
Lab File: VX014215.D
Acq: 23 Dec 2019 20:16

Tgt Ion: 75 Resp: 37497

Ion	Ratio	Lower	Upper
75	100		
110	11.0	18.3	54.9#
77	0.8	24.8	37.2#



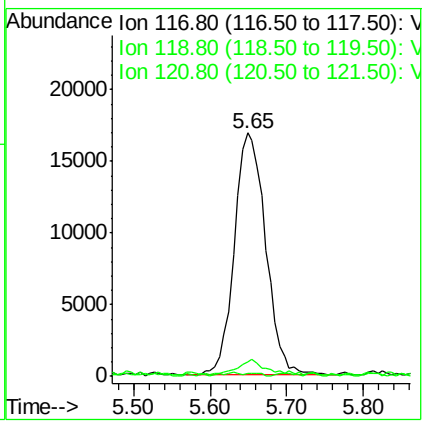


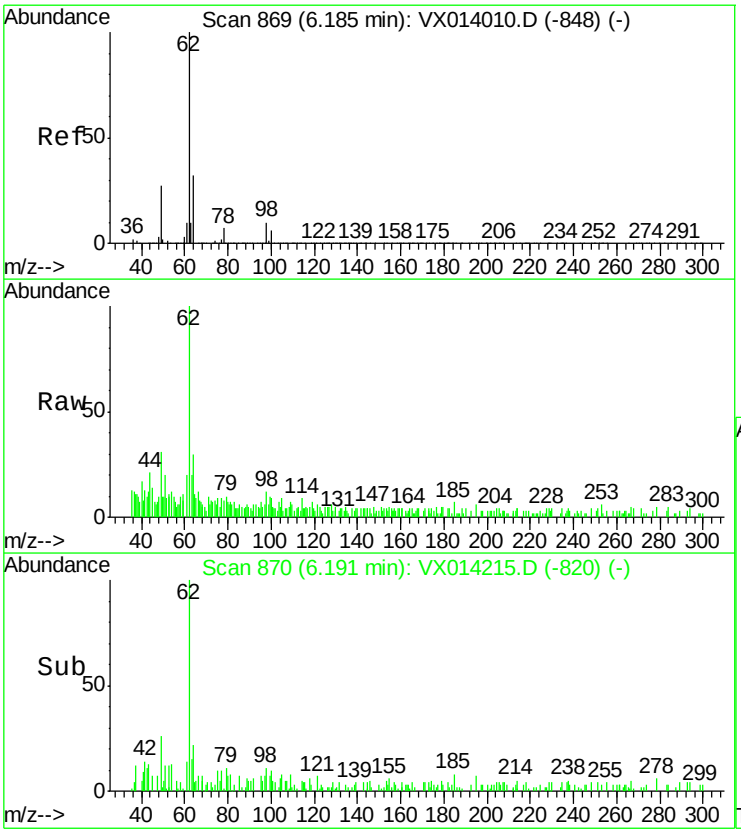
#38
Carbon Tetrachloride
Concen: 6.662 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.13 min
Lab File: VX014215.D
Acq: 23 Dec 2019 20:16

Instrument : MSVOA_X
ClientSampleId : MW-7

Tgt Ion:117 Resp: 47908

Ion	Ratio	Lower	Upper
117	100		
119	5.3	76.2	114.4#
121	0.0	23.6	35.4#

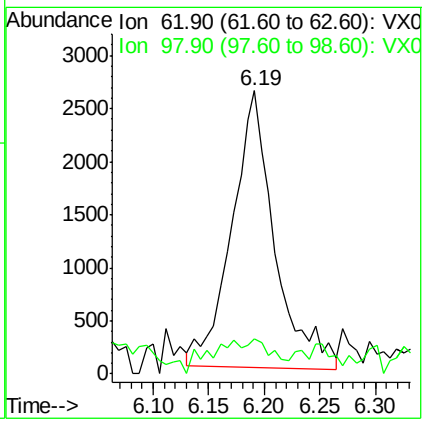


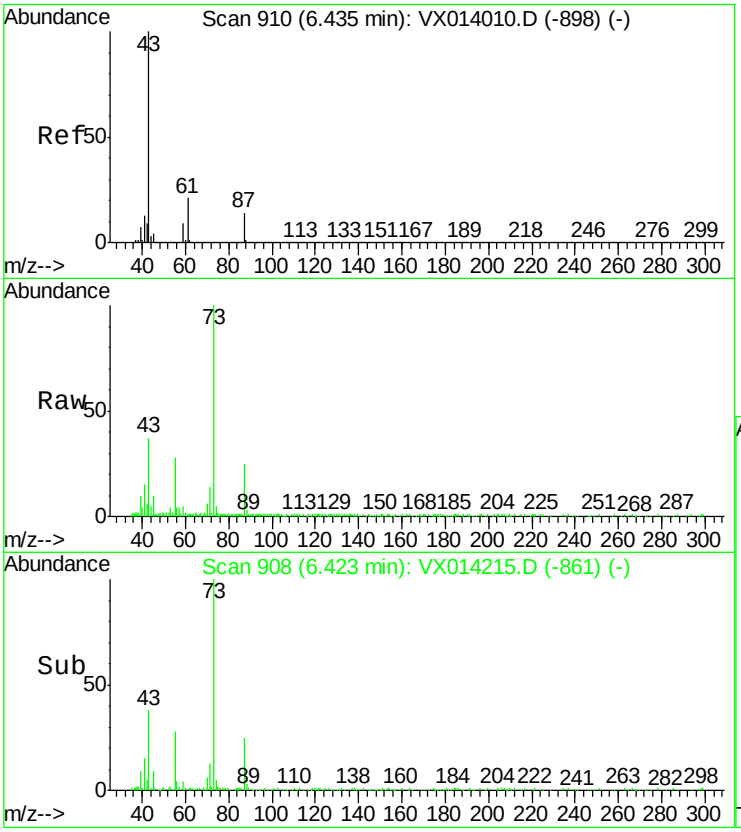


#42
1,2-Dichloroethane
Concen: 0.851 ug/l
RT: 6.19 min Scan# 870
Delta R.T. 0.01 min
Lab File: VX014215.D
Acq: 23 Dec 2019 20:16

Tgt Ion: 62 Resp: 7005

Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	21.0



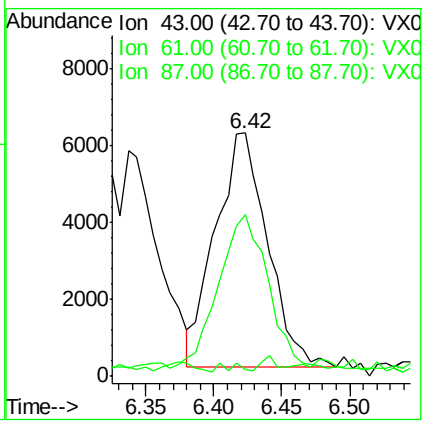


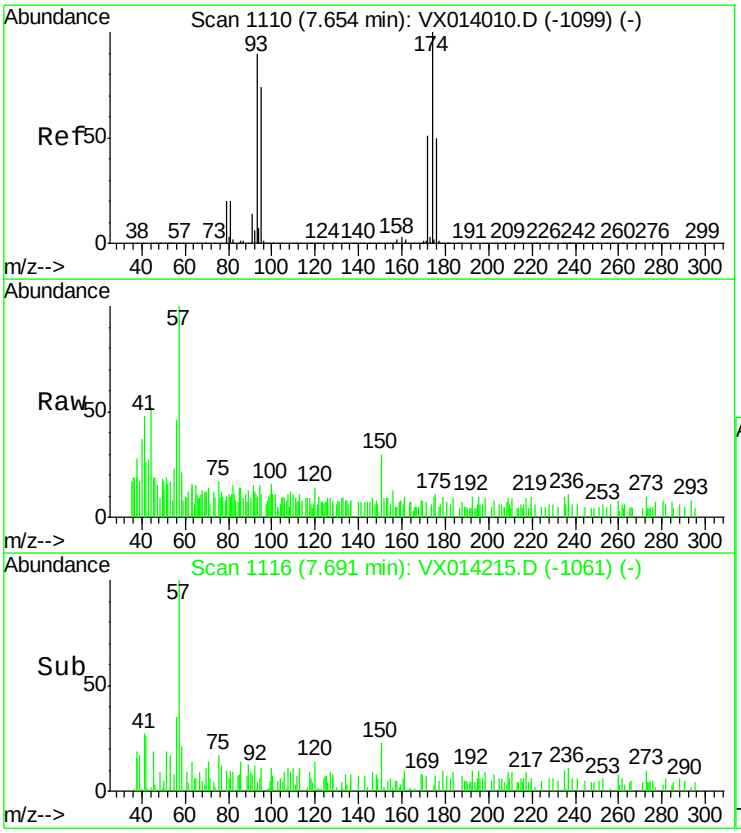
#43
Isopropyl Acetate
Concen: 1.124 ug/l
RT: 6.42 min Scan# 908
Delta R.T. -0.01 min
Lab File: VX014215.D
Acq: 23 Dec 2019 20:16

Instrument :
MSVOA_X
ClientSampleId :
MW-7

Tgt Ion: 43 Resp: 16218

Ion	Ratio	Lower	Upper
43	100		
61	1.5	16.4	24.6#
87	64.5	10.7	16.1#

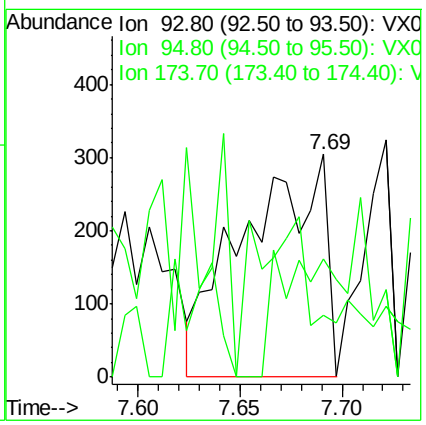


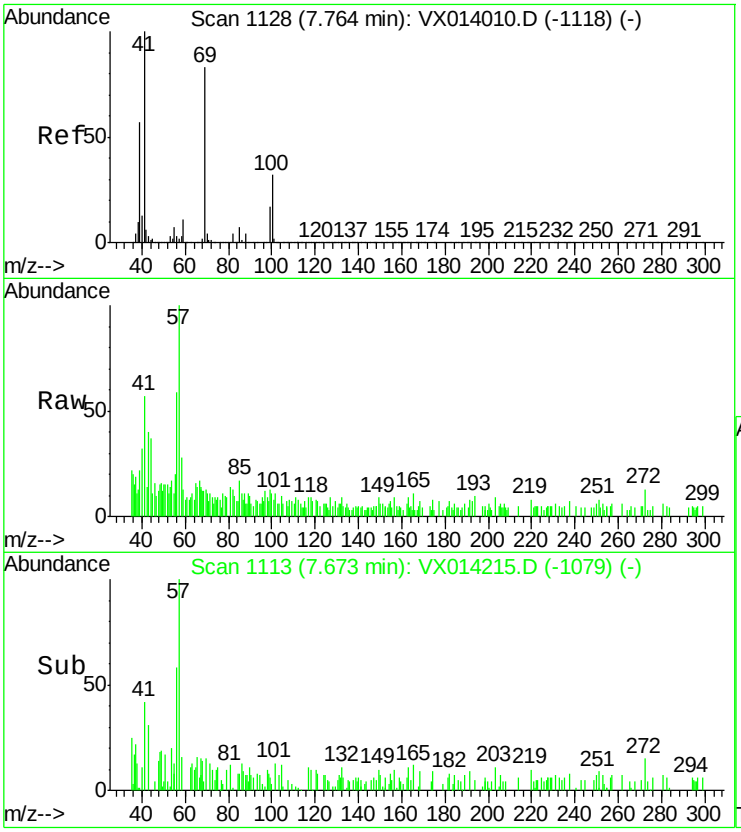


#46
Dibromomethane
Concen: 0.202 ug/l
RT: 7.69 min Scan# 1116
Delta R.T. 0.04 min
Lab File: VX014215.D
Acq: 23 Dec 2019 20:16

Tgt Ion: 93 Resp: 832

Ion	Ratio	Lower	Upper
93	100		
95	0.0	67.3	100.9#
174	0.0	91.6	137.4#



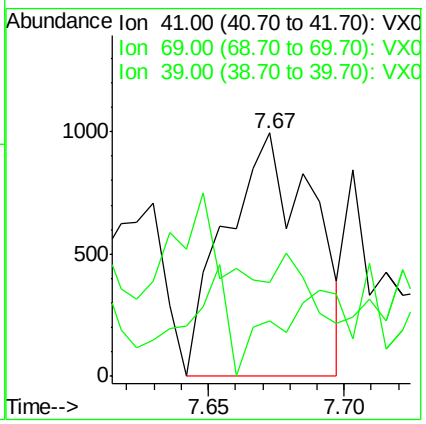


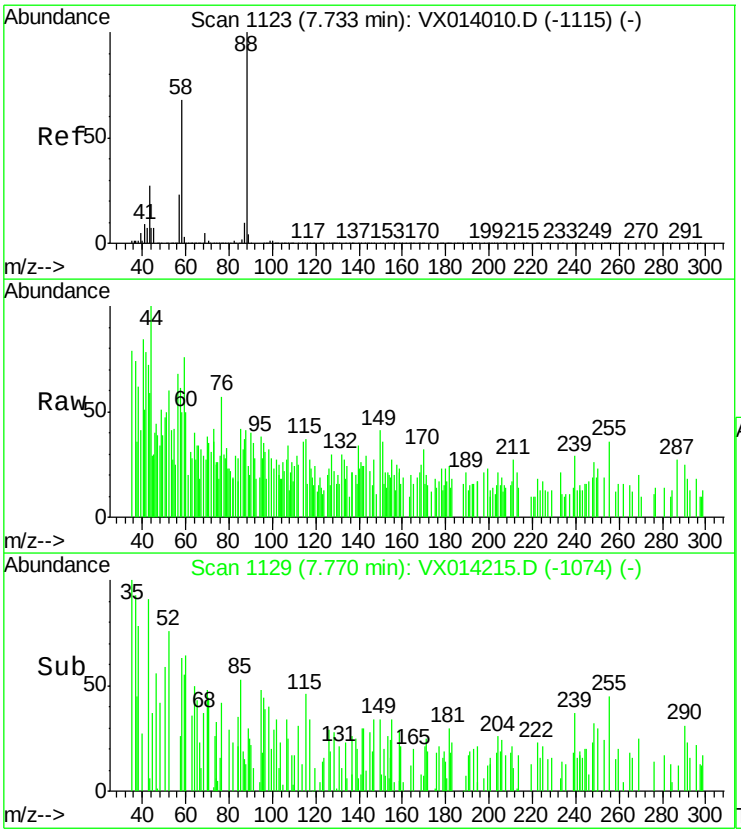
#48
Methyl methacrylate
Concen: 0.312 ug/l
RT: 7.67 min Scan# 1113
Delta R.T. -0.09 min
Lab File: VX014215.D
Acq: 23 Dec 2019 20:16

Instrument :
MSVOA_X
ClientSampleId :
MW-7

Tgt Ion: 41 Resp: 2204

Ion	Ratio	Lower	Upper
41	100		
69	18.1	65.8	98.6#
39	0.0	44.6	67.0#

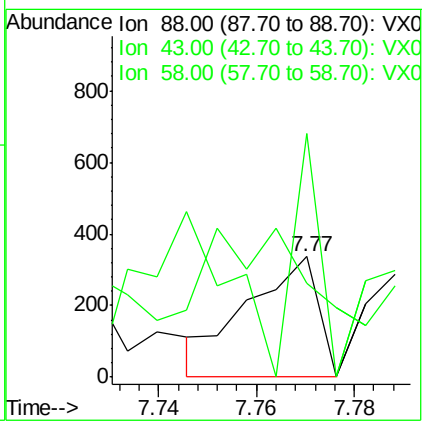


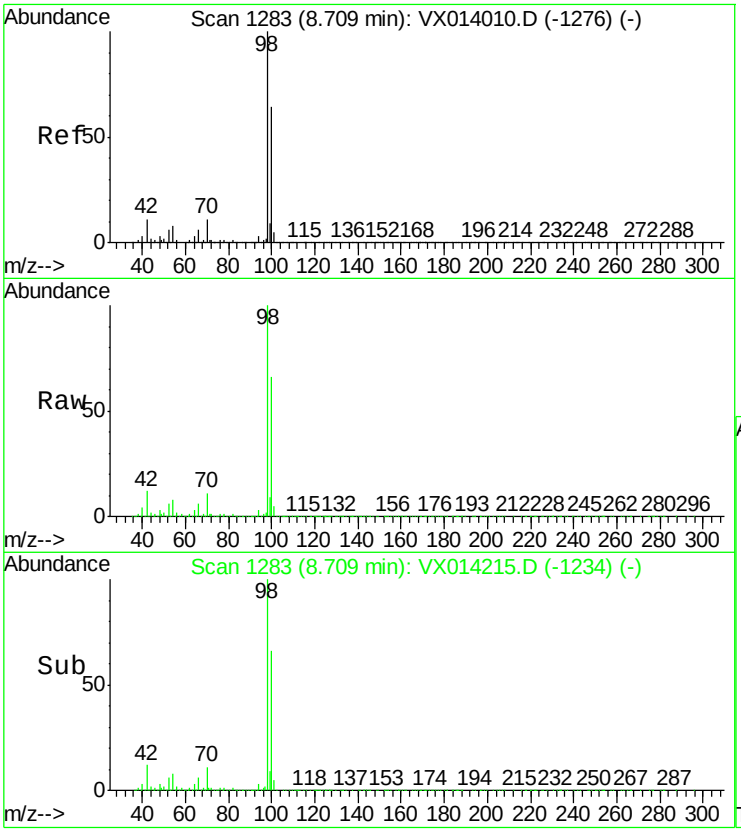


#49
1,4-Dioxane
Concen: 2.323 ug/l
RT: 7.77 min Scan# 1129
Delta R.T. 0.04 min
Lab File: VX014215.D
Acq: 23 Dec 2019 20:16

Tgt Ion: 88 Resp: 334

Ion	Ratio	Lower	Upper
88	100		
43	74.6	26.5	39.7#
58	0.0	56.8	85.2#



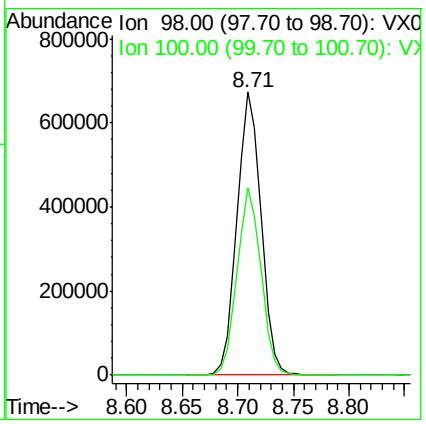


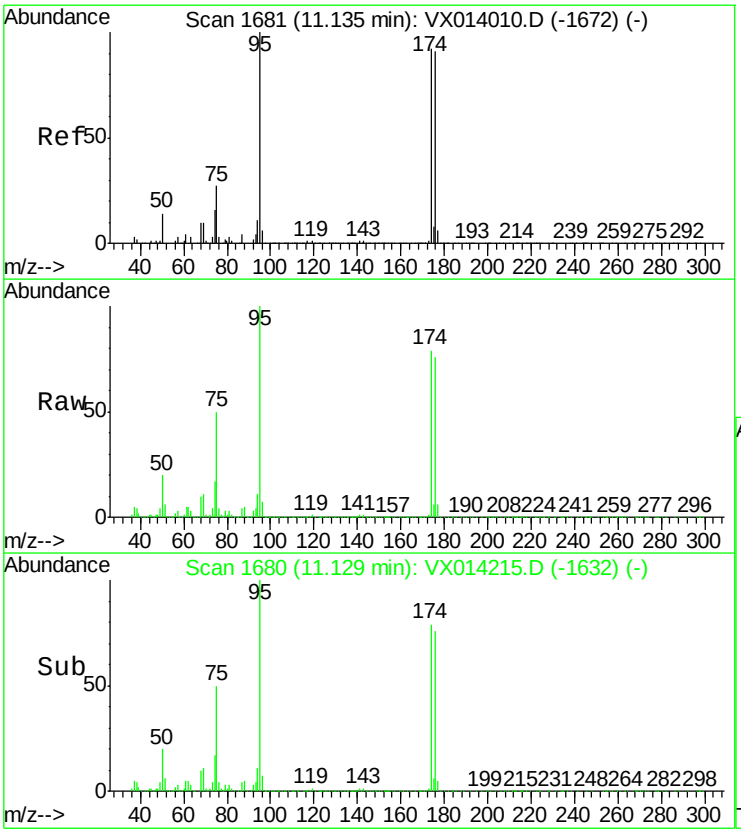
#50
Toluene-d8
Concen: 49.619 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014215.D
Acq: 23 Dec 2019 20:16

Instrument : MSVOA_X
ClientSampleId : MW-7

Tgt Ion: 98 Resp: 1010348

Ion	Ratio	Lower	Upper
98	100		
100	65.7	52.9	79.3

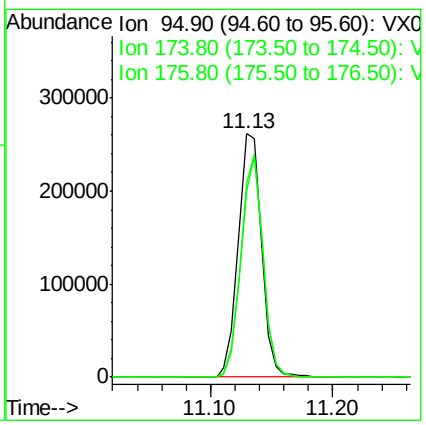


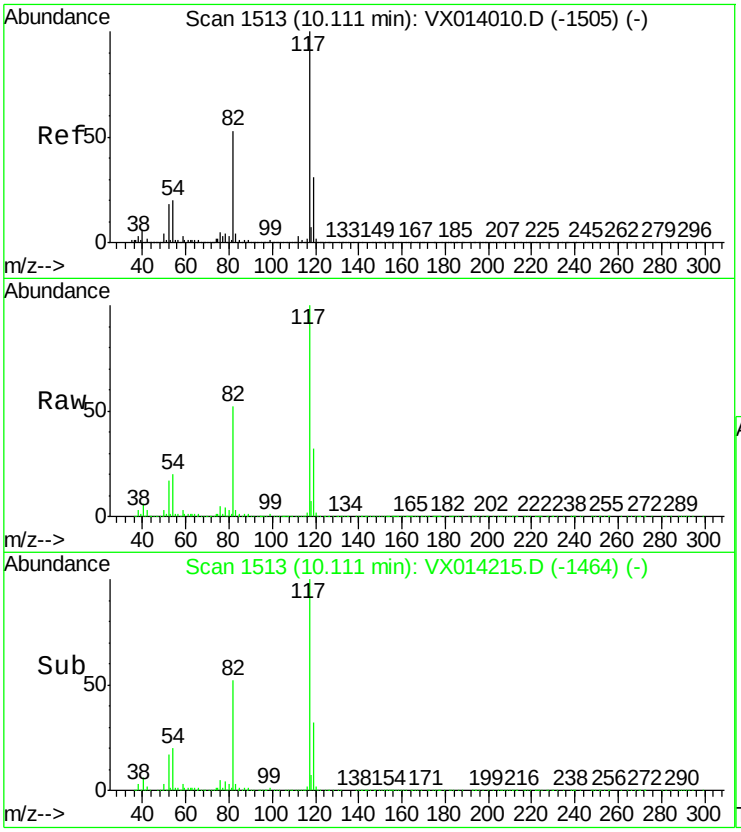


#62
4-Bromofluorobenzene
Concen: 46.138 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.01 min
Lab File: VX014215.D
Acq: 23 Dec 2019 20:16

Tgt Ion: 95 Resp: 343416

Ion	Ratio	Lower	Upper
95	100		
174	87.5	0.0	175.8
176	85.2	0.0	173.0



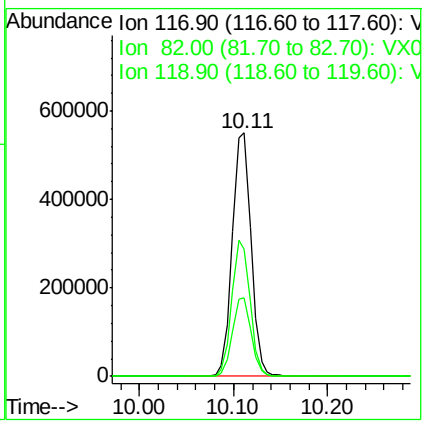


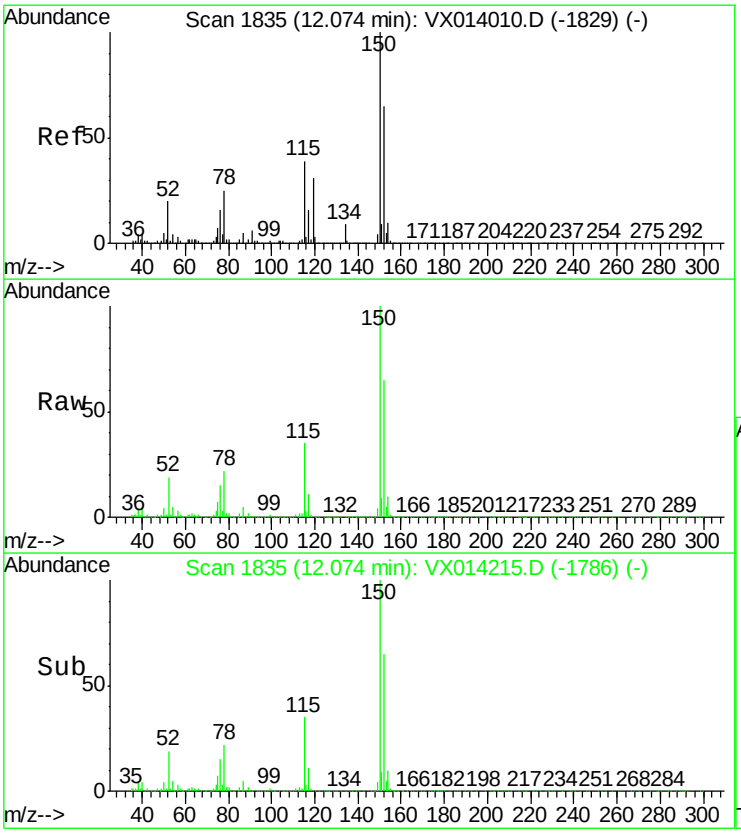
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX014215.D
Acq: 23 Dec 2019 20:16

Instrument :
MSVOA_X
ClientSampleId :
MW-7

Tgt Ion:117 Resp: 763022

Ion	Ratio	Lower	Upper
117	100		
82	52.4	42.2	63.4
119	32.2	25.1	37.7

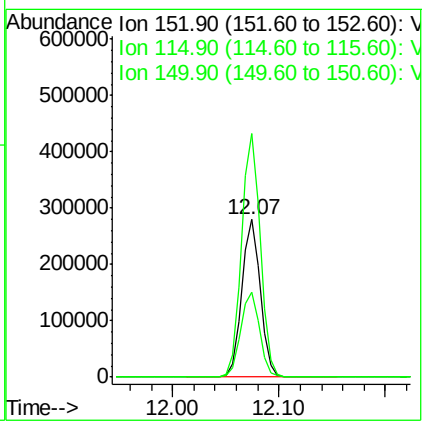


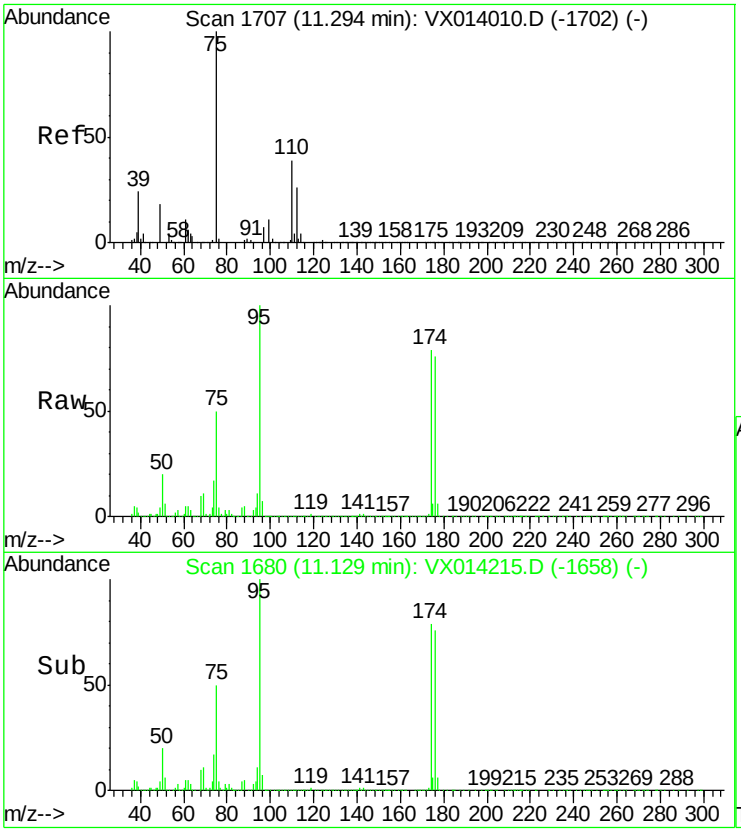


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX014215.D
Acq: 23 Dec 2019 20:16

Tgt Ion:152 Resp: 344117

Ion	Ratio	Lower	Upper
152	100		
115	55.0	38.3	114.9
150	156.0	0.0	345.4



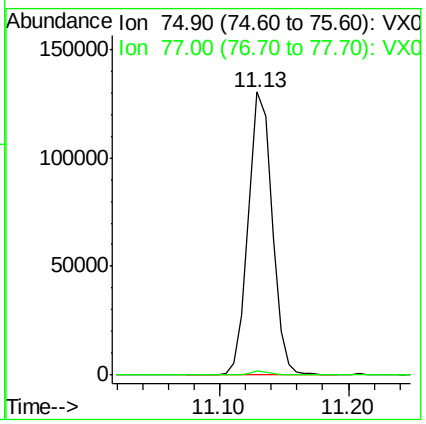


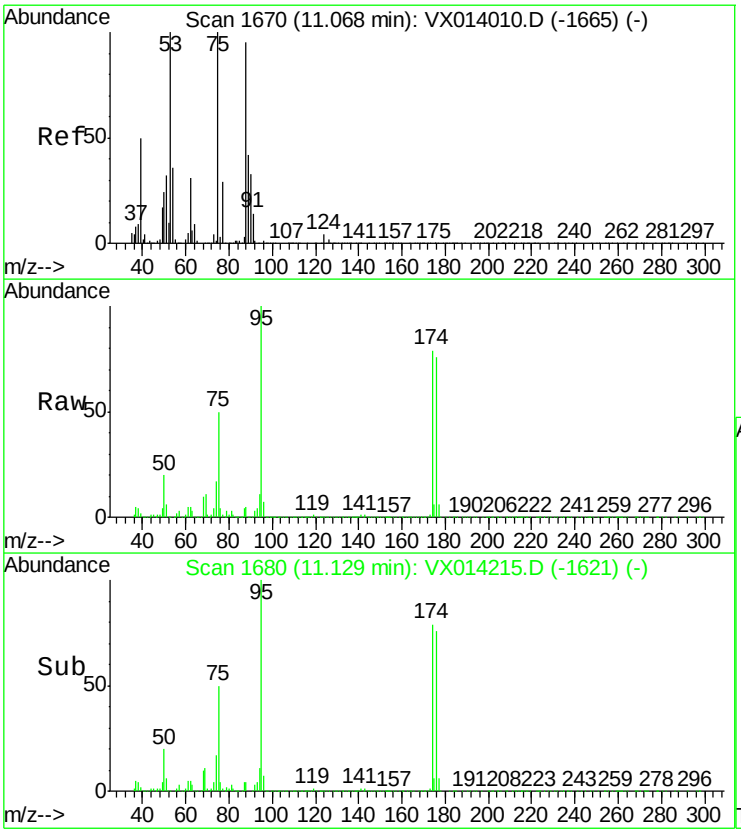
#76
1,2,3-Trichloropropane
Concen: 22.262 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.16 min
Lab File: VX014215.D
Acq: 23 Dec 2019 20:16

Instrument :
MSVOA_X
ClientSampleId :
MW-7

Tgt Ion: 75 Resp: 166311

Ion	Ratio	Lower	Upper
75	100		
77	1.3	19.3	57.8#





#81
trans-1,4-Dichloro-2-butene
Concen: 62.834 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.06 min
Lab File: VX014215.D
Acq: 23 Dec 2019 20:16

Tgt Ion: 75 Resp: 166311

Ion	Ratio	Lower	Upper
75	100		
53	0.4	76.7	115.1#
89	0.1	34.6	51.8#