Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX122019\
Data File : VX014179.D
Acq On : 20 Dec 2019 17:13
Operator : JC/SP
Sample : K6377-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-4

Quant Time: Dec 20 22:29:32 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	534980	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	820242	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	729256	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	326070	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	298468	49.23	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.46%			
35) Dibromofluoromethane	5.49	113	243278	48.79	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.58%			
50) Toluene-d8	8.71	98	970824	50.01	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.02%			
62) 4-Bromofluorobenzene	11.13	95	326956	46.08	ug/l	0.00
Spiked Amount 50.000			Recovery = 92.16%			
Target Compounds						Qvalue
3) Chloromethane	1.32	50	1521	0.237	ug/l #	71
10) Methyl Iodide	2.52	142	597	2.706	ug/l #	37
11) Tert butyl alcohol	3.03	59	4503	3.437	ug/l #	72
13) Acrolein	2.29	56	785	1.047	ug/l #	55
15) Acrylonitrile	3.09	53	960	0.314	ug/l #	17
16) Acetone	2.44	43	3801	0.966	ug/l #	63
17) Carbon Disulfide	2.56	76	1672	0.865	ug/l #	68
19) Methyl tert-butyl Ether	3.19	73	1484433	87.782	ug/l	99
20) Methylene Chloride	2.84	84	1531	0.247	ug/l #	61
28) Bromochloromethane	5.01	49	348	0.542	ug/l #	77
29) Tetrahydrofuran	5.13	42	9954	3.667	ug/l	98
36) 1,1-Dichloropropene	5.65	75	36032	4.788	ug/l #	50
38) Carbon Tetrachloride	5.65	117	47345	6.905	ug/l #	17
41) Methacrylonitrile	5.03	41	923	0.200	ug/l #	74
49) 1,4-Dioxane	7.73	88	265	1.933	ug/l #	13
76) 1,2,3-Trichloropropane	11.13	75	157604	22.264	ug/l #	39
81) trans-1,4-Dichloro-2-buten	11.13	75	157604	62.840	ug/l #	12

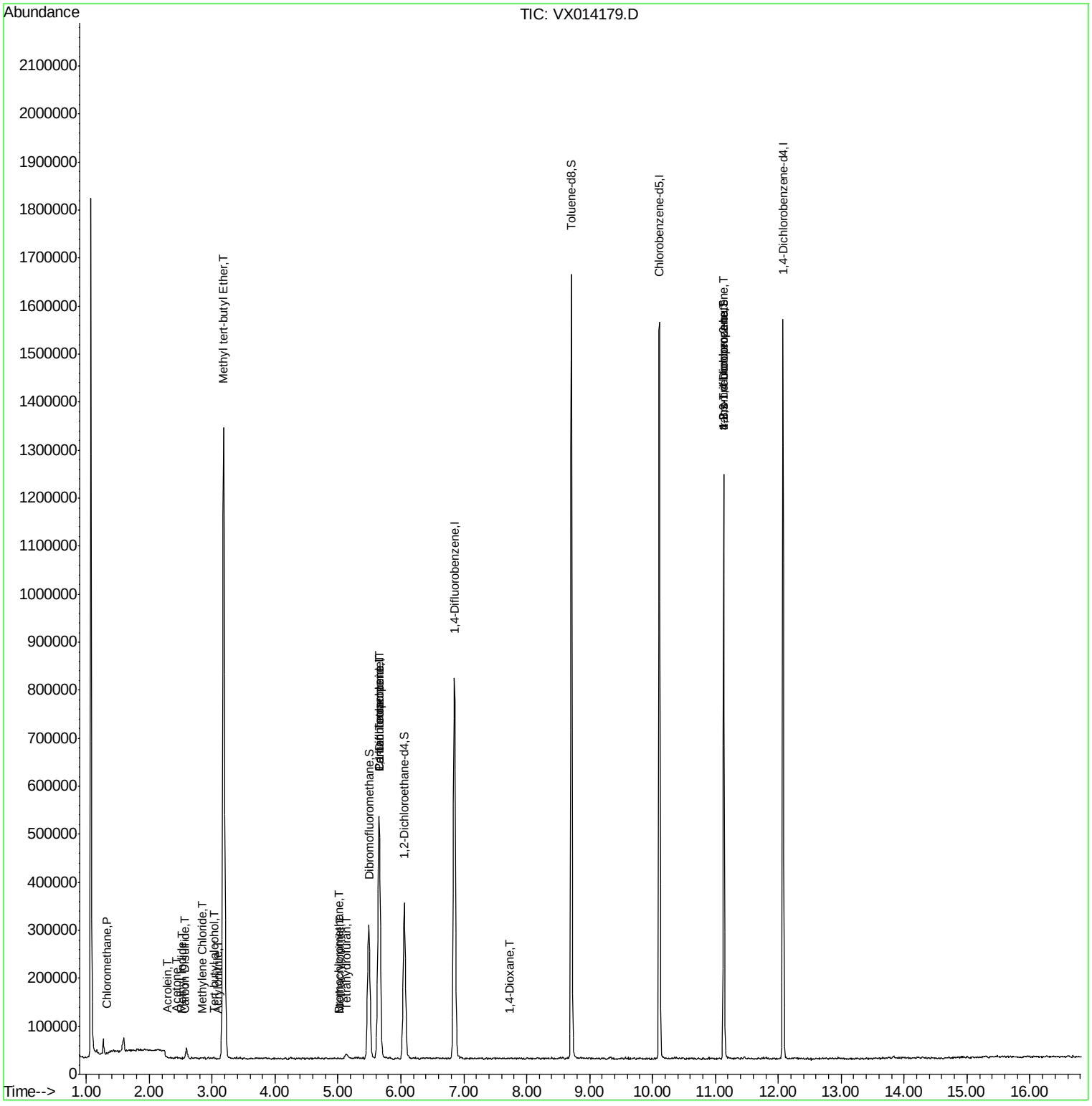
(#) = qualifier out of range (m) = manual integration (+) = signals summed

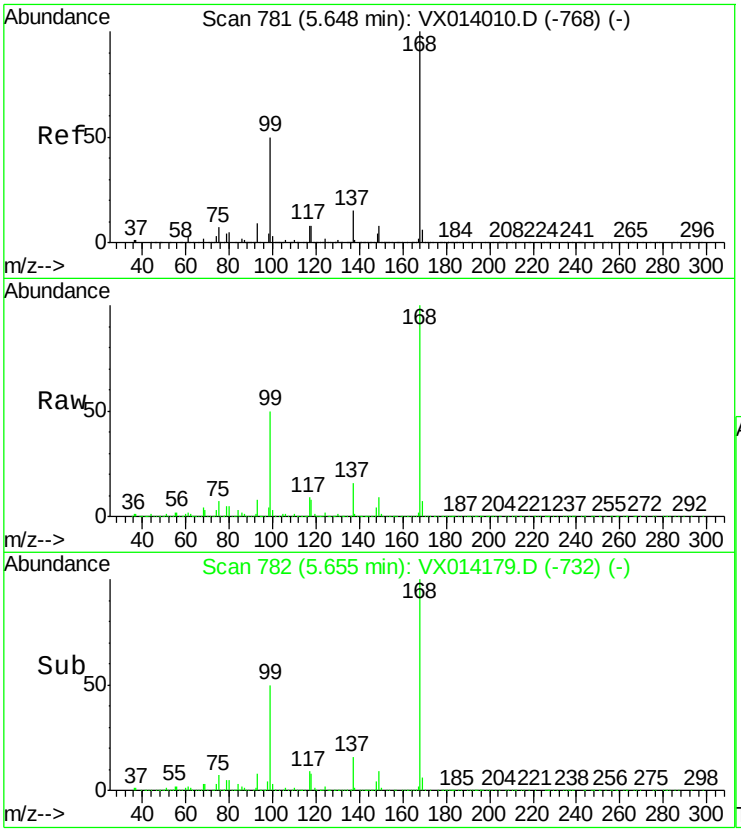
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX122019\
Data File : VX014179.D
Acq On : 20 Dec 2019 17:13
Operator : JC/SP
Sample : K6377-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-4

Quant Time: Dec 20 22:29:32 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



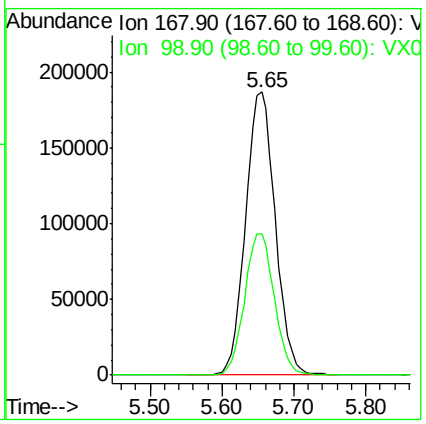


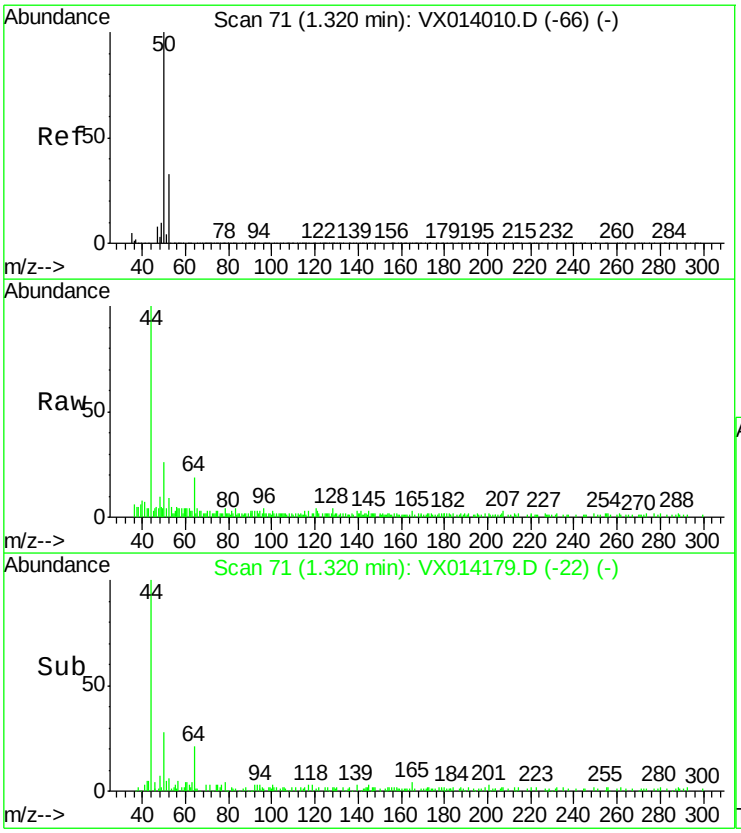
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 782
Delta R.T. 0.01 min
Lab File: VX014179.D
Acq: 20 Dec 2019 17:13

Instrument : MSVOA_X
ClientSampleId : MW-4

Tgt Ion:168 Resp: 534980

Ion	Ratio	Lower	Upper
168	100		
99	50.0	40.3	60.5

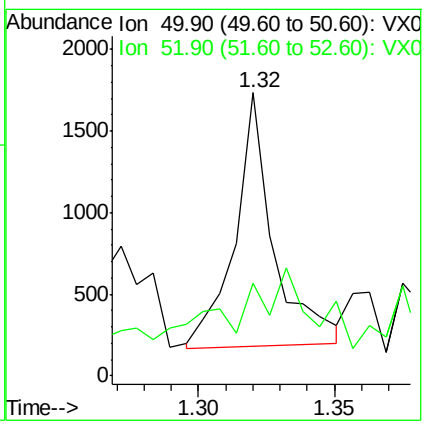


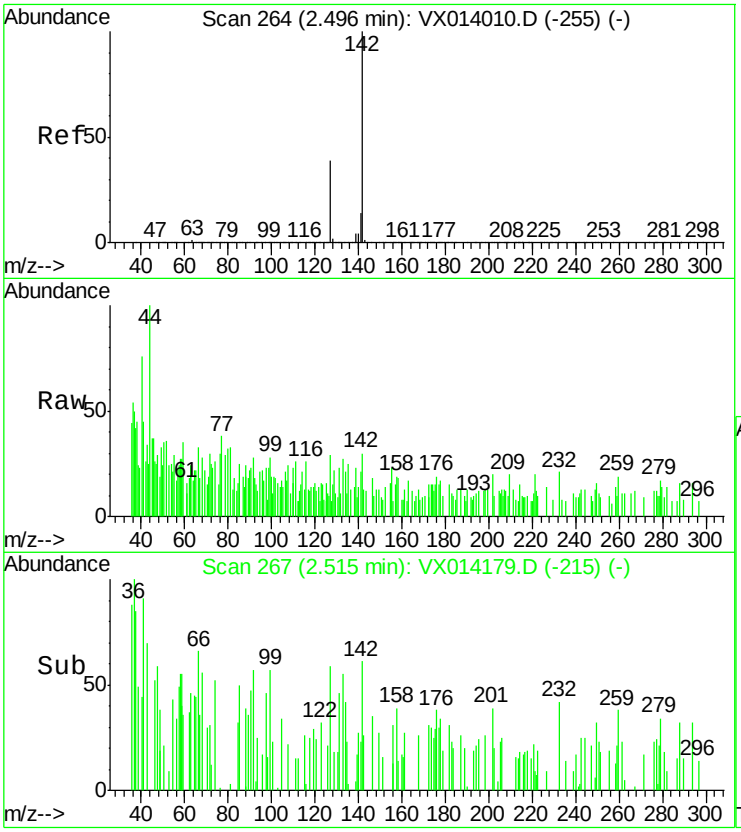


#3
Chloromethane
Concen: 0.237 ug/l
RT: 1.32 min Scan# 71
Delta R.T. 0.00 min
Lab File: VX014179.D
Acq: 20 Dec 2019 17:13

Tgt Ion: 50 Resp: 1521

Ion	Ratio	Lower	Upper
50	100		
52	16.6	26.2	39.4#



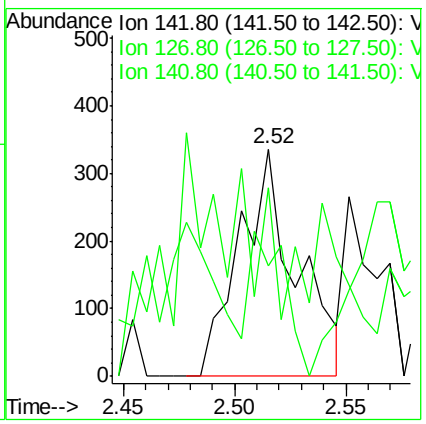


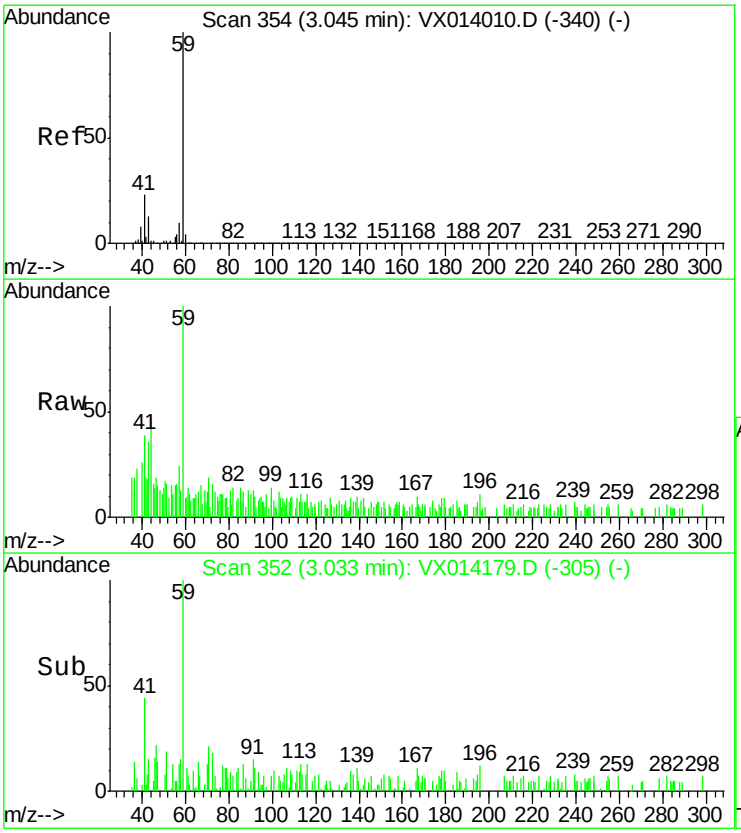
#10
Methyl Iodide
Concen: 2.706 ug/l
RT: 2.52 min Scan# 267
Delta R.T. 0.02 min
Lab File: VX014179.D
Acq: 20 Dec 2019 17:13

Instrument : MSVOA_X
ClientSampleId : MW-4

Tgt Ion:142 Resp: 597

Ion	Ratio	Lower	Upper
142	100		
127	0.0	31.6	47.4#
141	39.0	11.6	17.4#

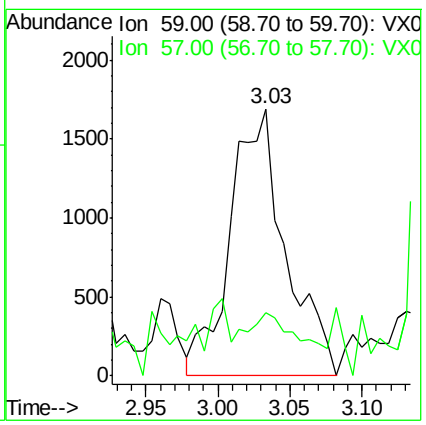


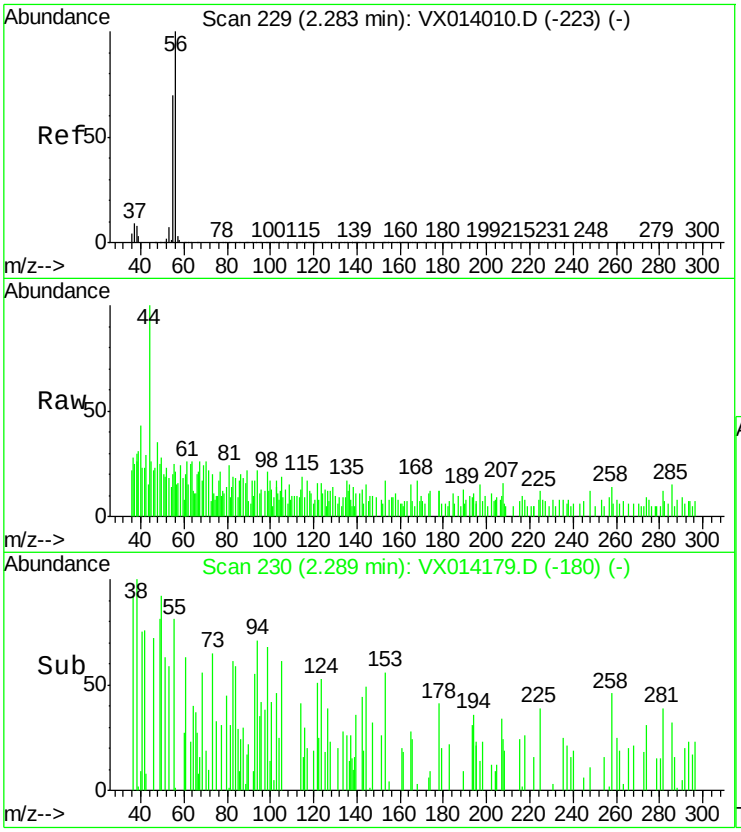


#11
Tert butyl alcohol
Concen: 3.437 ug/l
RT: 3.03 min Scan# 352
Delta R.T. -0.01 min
Lab File: VX014179.D
Acq: 20 Dec 2019 17:13

Tgt Ion: 59 Resp: 4503

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.4	12.6#



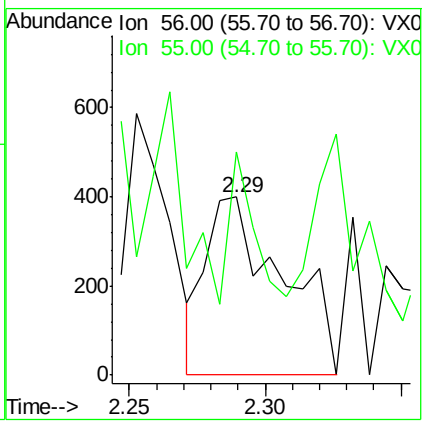


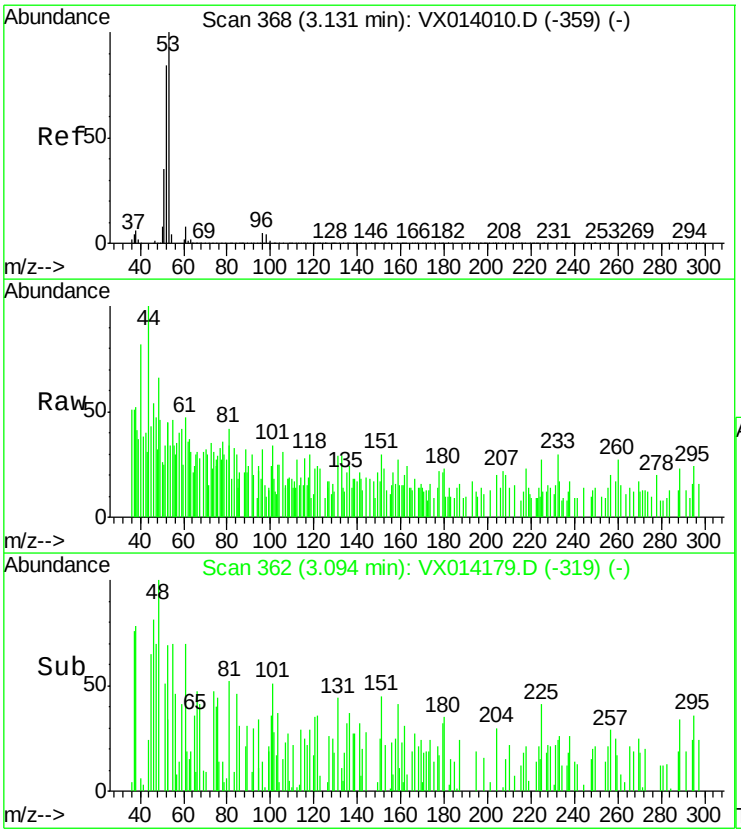
#13
Acrolein
Concen: 1.047 ug/l
RT: 2.29 min Scan# 230
Delta R.T. 0.01 min
Lab File: VX014179.D
Acq: 20 Dec 2019 17:13

Instrument :
MSVOA_X
ClientSampleId :
MW-4

Tgt Ion: 56 Resp: 785

Ion	Ratio	Lower	Upper
56	100		
55	34.1	56.9	85.3#

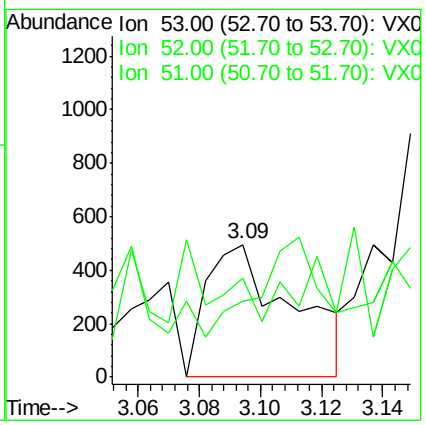


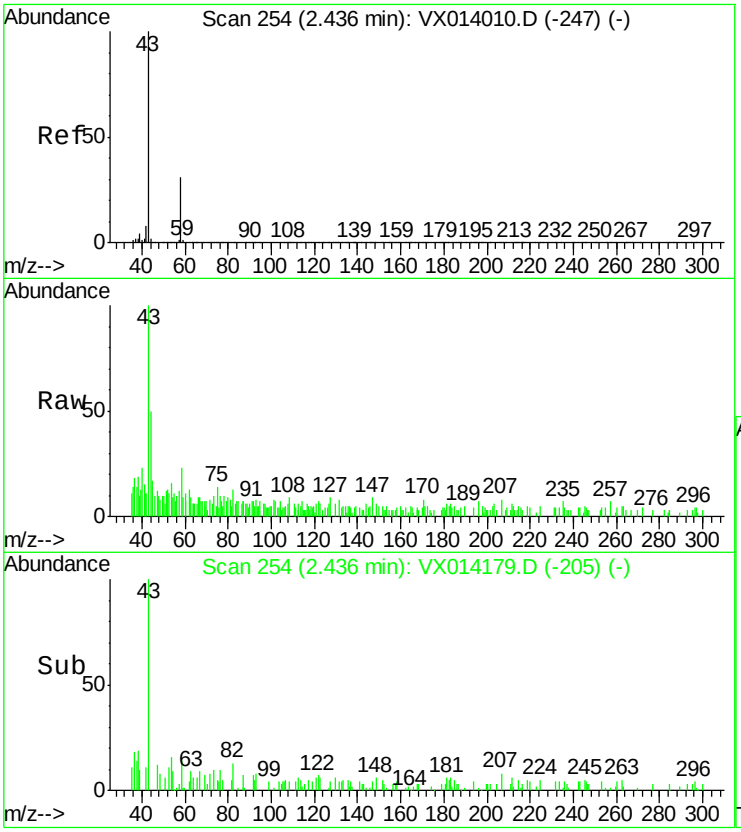


#15
Acrylonitrile
Concen: 0.314 ug/l
RT: 3.09 min Scan# 362
Delta R.T. -0.04 min
Lab File: VX014179.D
Acq: 20 Dec 2019 17:13

Tgt Ion: 53 Resp: 960

Ion	Ratio	Lower	Upper
53	100		
52	0.0	66.5	99.7#
51	0.0	28.1	42.1#



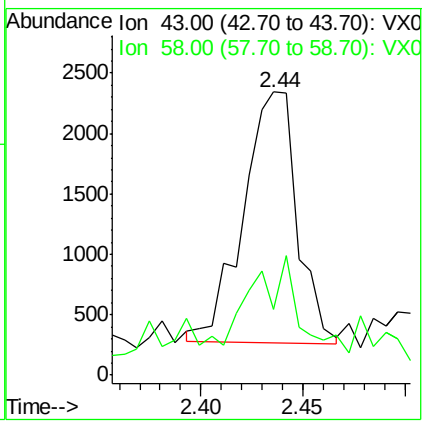


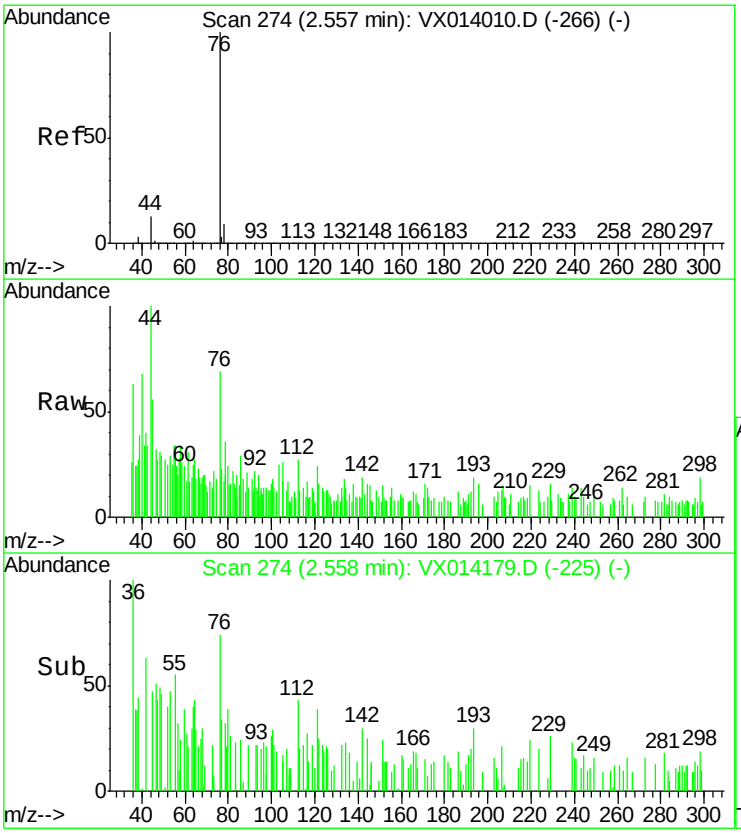
#16
Acetone
Concen: 0.966 ug/l
RT: 2.44 min Scan# 254
Delta R.T. 0.00 min
Lab File: VX014179.D
Acq: 20 Dec 2019 17:13

Instrument :
MSVOA_X
ClientSampleId :
MW-4

Tgt Ion: 43 Resp: 3801

Ion	Ratio	Lower	Upper
43	100		
58	10.6	24.9	37.3#

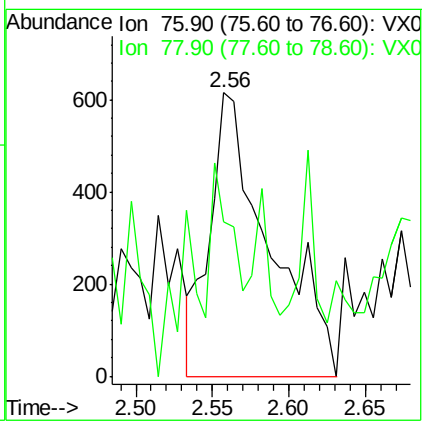


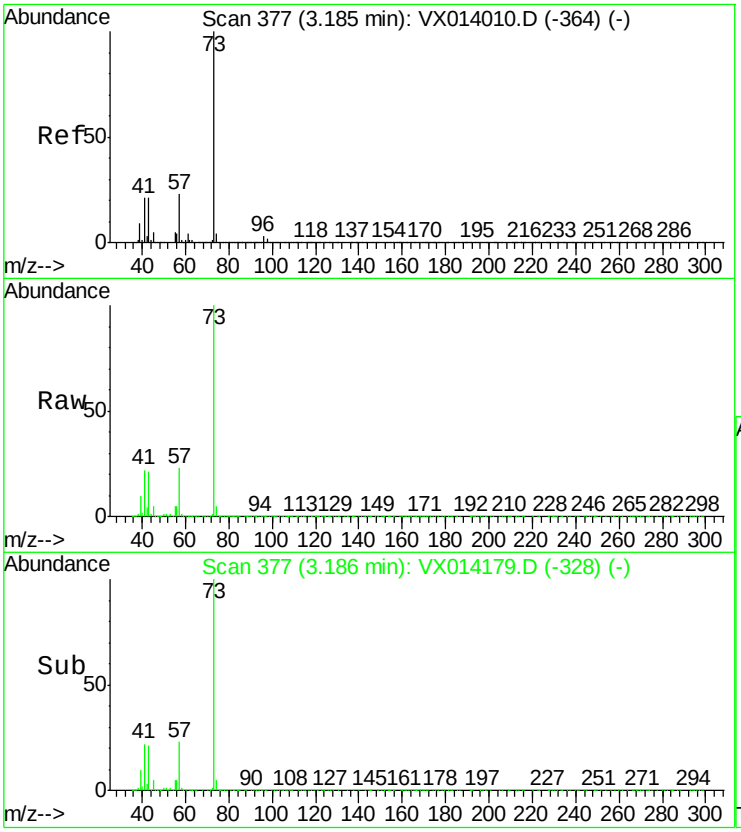


#17
Carbon Disulfide
Concen: 0.865 ug/l
RT: 2.56 min Scan# 274
Delta R.T. 0.00 min
Lab File: VX014179.D
Acq: 20 Dec 2019 17:13

Tgt Ion: 76 Resp: 1672

Ion	Ratio	Lower	Upper
76	100		
78	20.7	7.2	10.8#



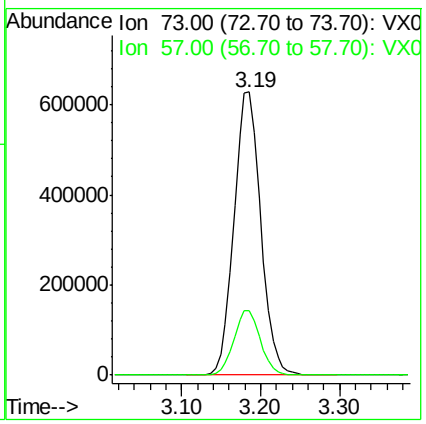


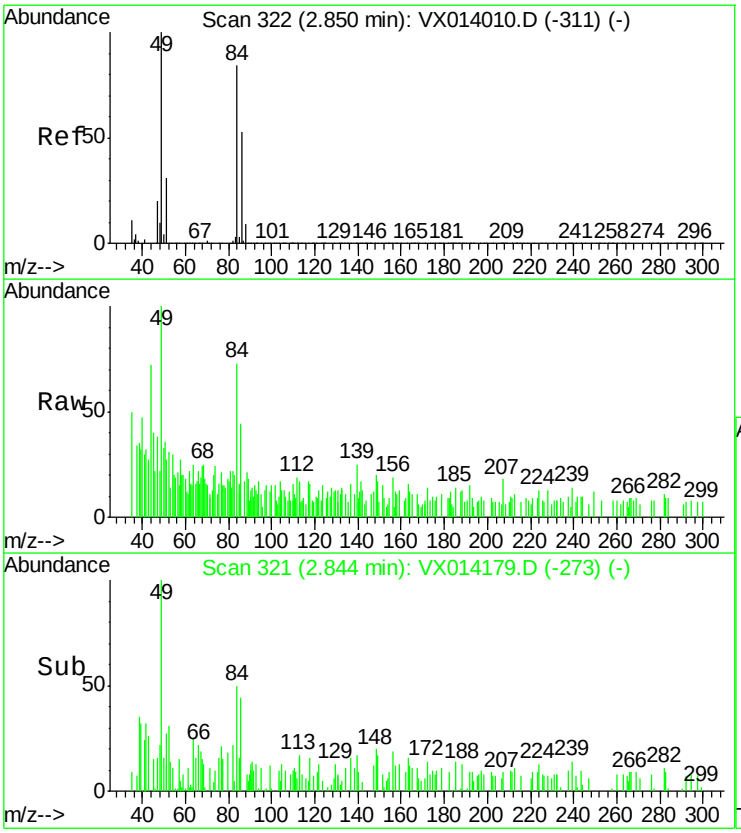
#19
Methyl tert-butyl Ether
Concen: 87.782 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.00 min
Lab File: VX014179.D
Acq: 20 Dec 2019 17:13

Instrument :
MSVOA_X
ClientSampleId :
MW-4

Tgt Ion: 73 Resp: 1484433

Ion	Ratio	Lower	Upper
73	100		
57	22.9	18.8	28.2

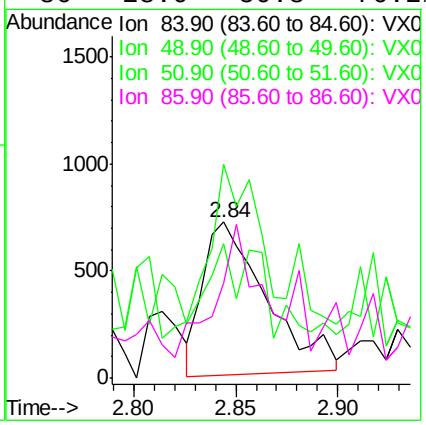


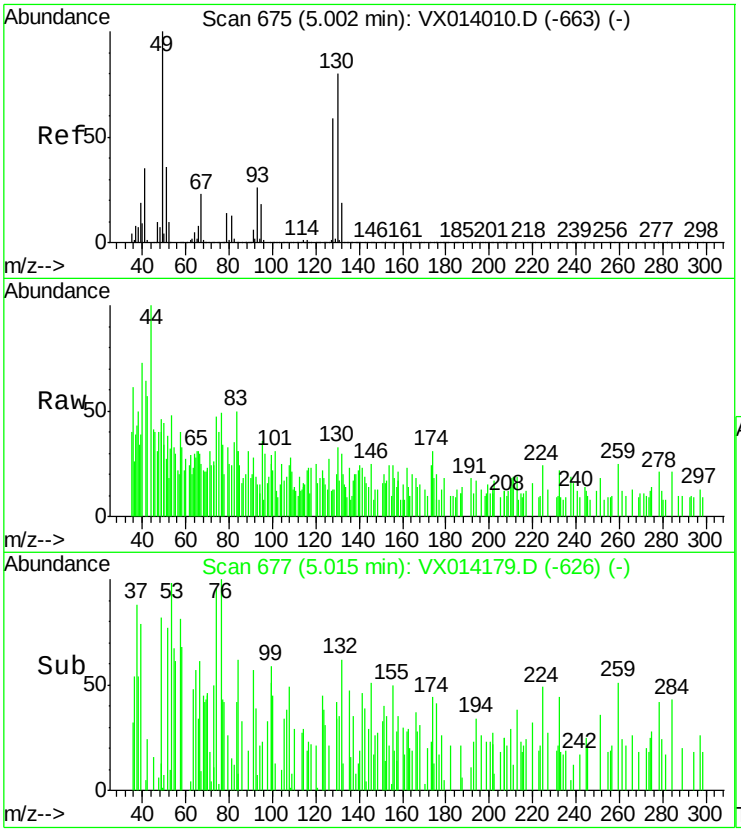


#20
Methylene Chloride
Concen: 0.247 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.01 min
Lab File: VX014179.D
Acq: 20 Dec 2019 17:13

Tgt Ion: 84 Resp: 1531

Ion	Ratio	Lower	Upper
84	100		
49	83.2	95.8	143.6#
51	66.1	29.8	44.8#
86	28.0	50.8	76.2#



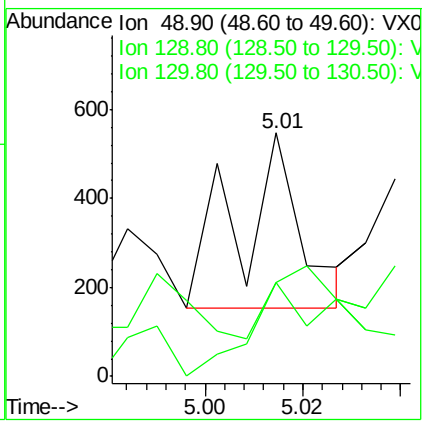


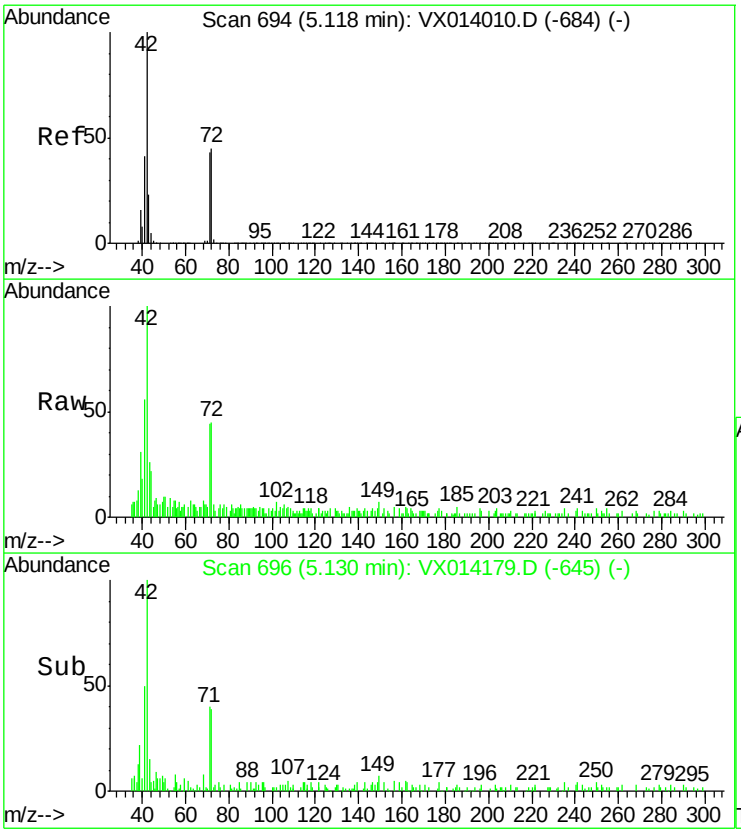
#28
Bromochloromethane
Concen: 0.542 ug/l
RT: 5.01 min Scan# 677
Delta R.T. 0.01 min
Lab File: VX014179.D
Acq: 20 Dec 2019 17:13

Instrument : MSVOA_X
ClientSampleId : MW-4

Tgt Ion: 49 Resp: 348

Ion	Ratio	Lower	Upper
49	100		
129	16.1	0.0	5.0#
130	100.6	64.6	97.0#

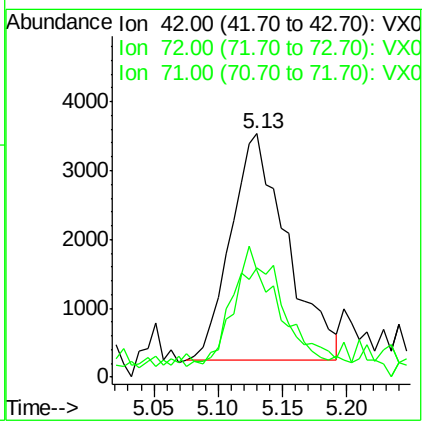


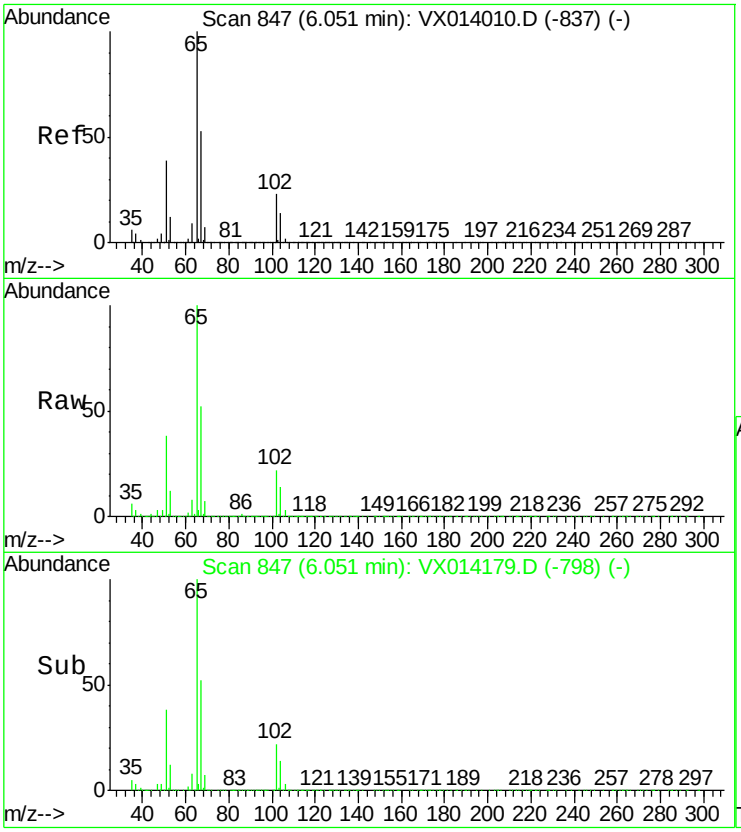


#29
Tetrahydrofuran
Concen: 3.667 ug/l
RT: 5.13 min Scan# 696
Delta R.T. 0.01 min
Lab File: VX014179.D
Acq: 20 Dec 2019 17:13

Tgt Ion: 42 Resp: 9954

Ion	Ratio	Lower	Upper
42	100		
72	46.3	35.8	53.8
71	42.4	33.6	50.4



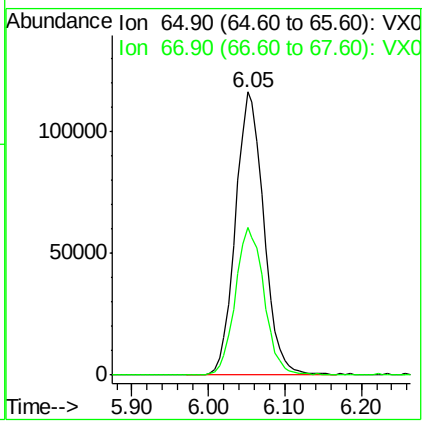


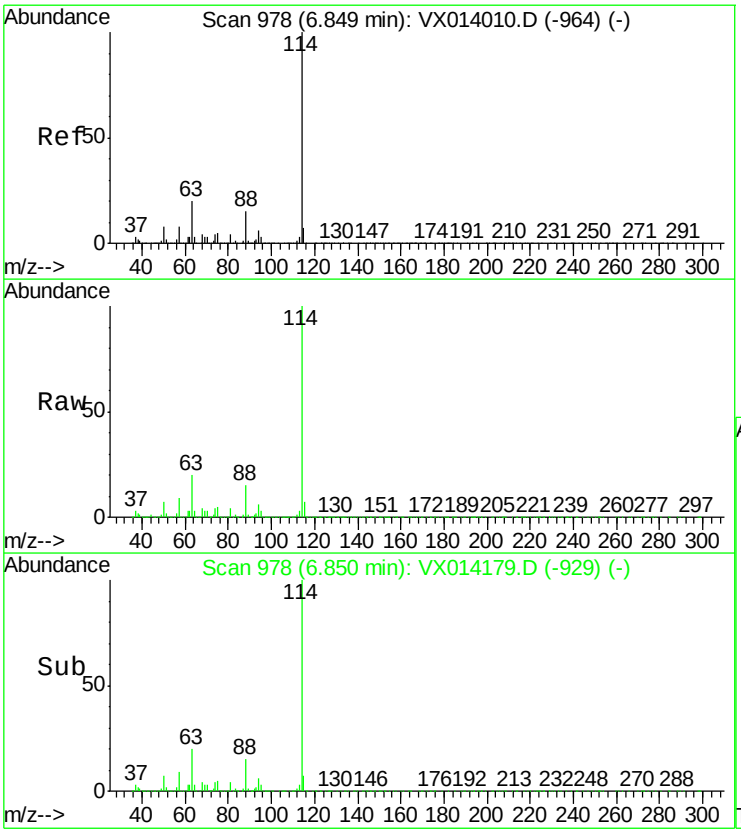
#33
1,2-Dichloroethane-d4
Concen: 49.226 ug/l
RT: 6.05 min Scan# 847
Delta R.T. 0.00 min
Lab File: VX014179.D
Acq: 20 Dec 2019 17:13

Instrument :
MSVOA_X
ClientSampleId :
MW-4

Tgt Ion: 65 Resp: 298468

Ion	Ratio	Lower	Upper
65	100		
67	52.7	0.0	106.4

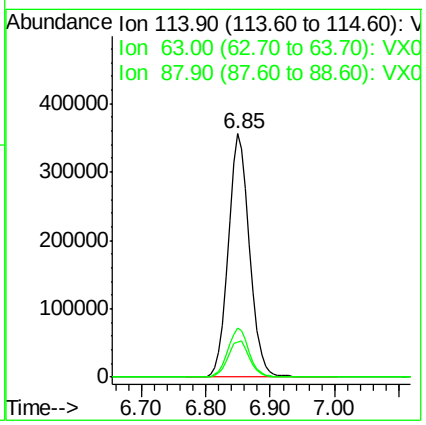


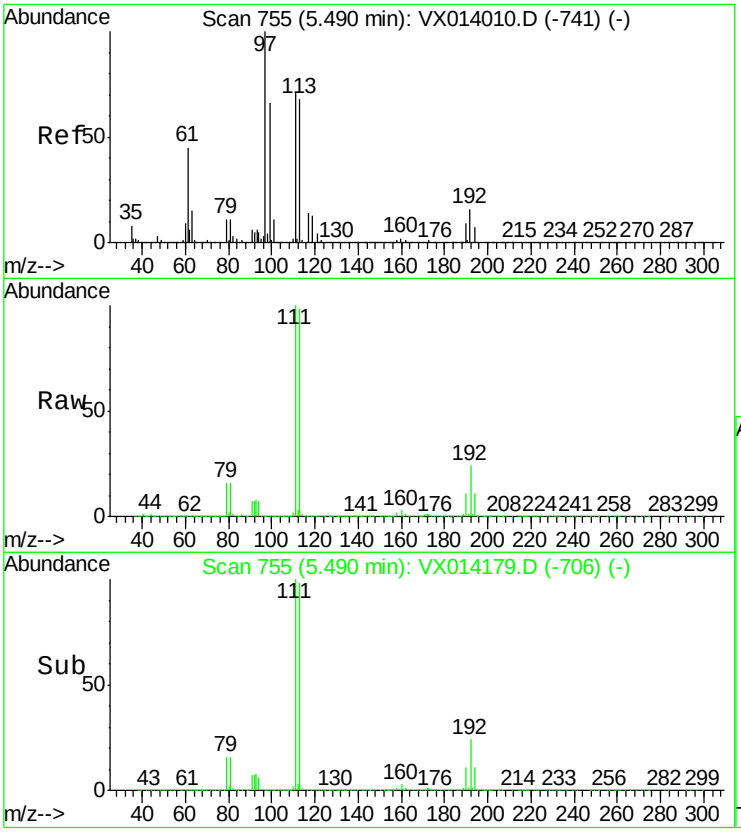


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. 0.00 min
Lab File: VX014179.D
Acq: 20 Dec 2019 17:13

Tgt Ion:114 Resp: 820242

Ion	Ratio	Lower	Upper
114	100		
63	20.0	0.0	40.8
88	14.5	0.0	30.4



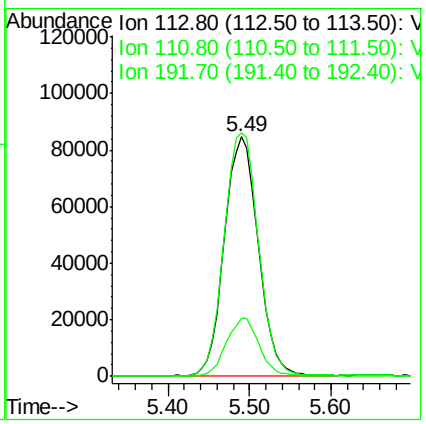


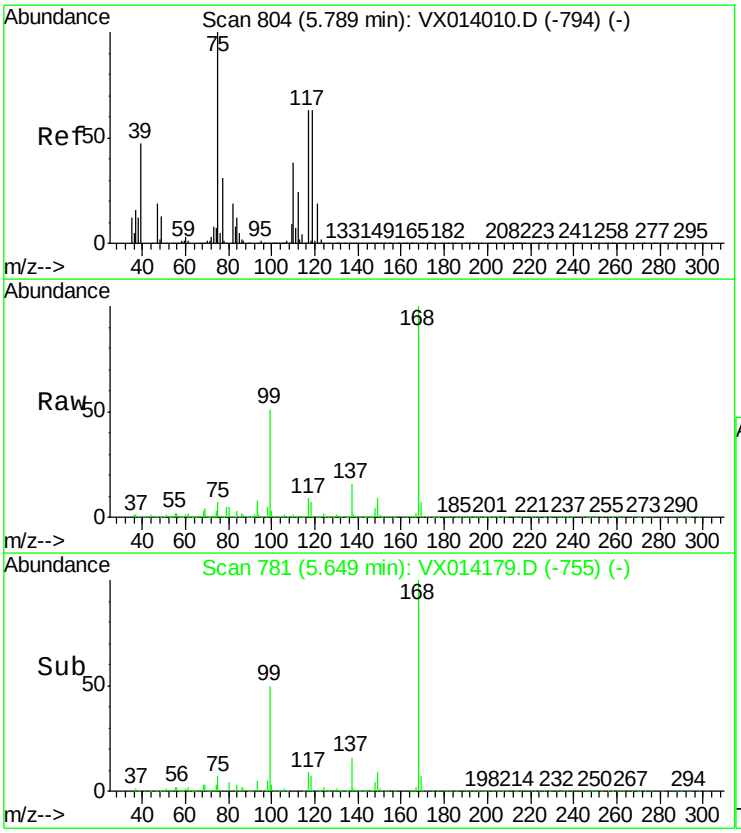
#35
Dibromofluoromethane
Concen: 48.791 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX014179.D
Acq: 20 Dec 2019 17:13

Instrument :
MSVOA_X
ClientSampleId :
MW-4

Tgt Ion:113 Resp: 243278

Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.0	123.0
192	23.7	19.3	28.9

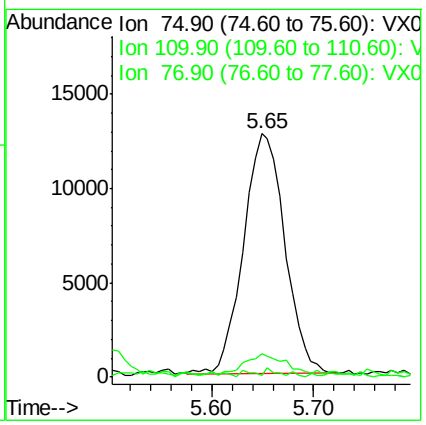


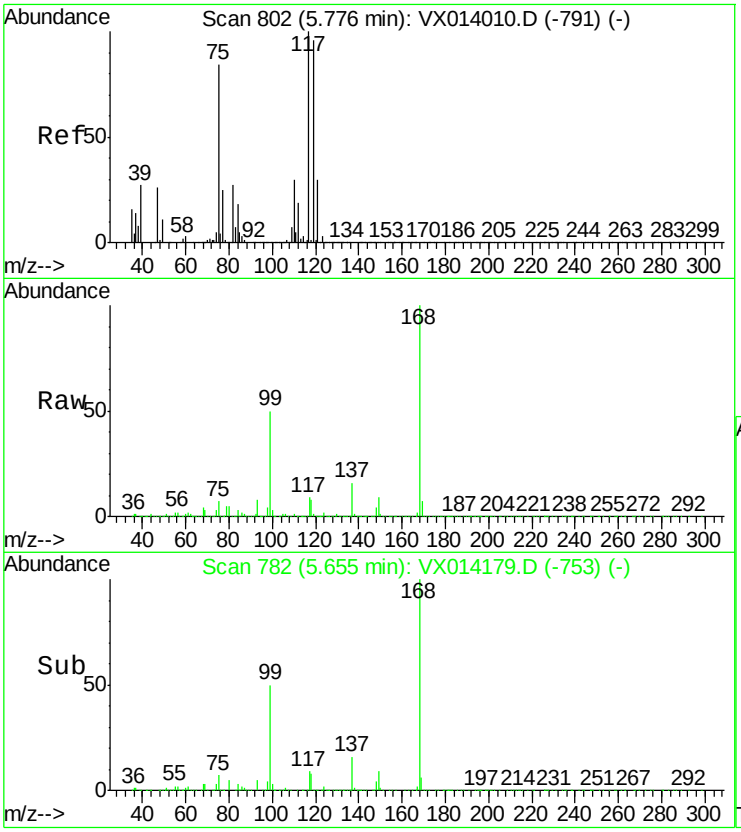


#36
1,1-Dichloropropene
Concen: 4.788 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.14 min
Lab File: VX014179.D
Acq: 20 Dec 2019 17:13

Tgt Ion: 75 Resp: 36032

Ion	Ratio	Lower	Upper
75	100		
110	9.2	18.3	54.9#
77	1.4	24.8	37.2#



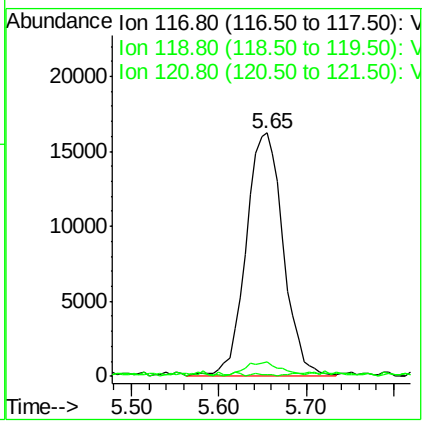


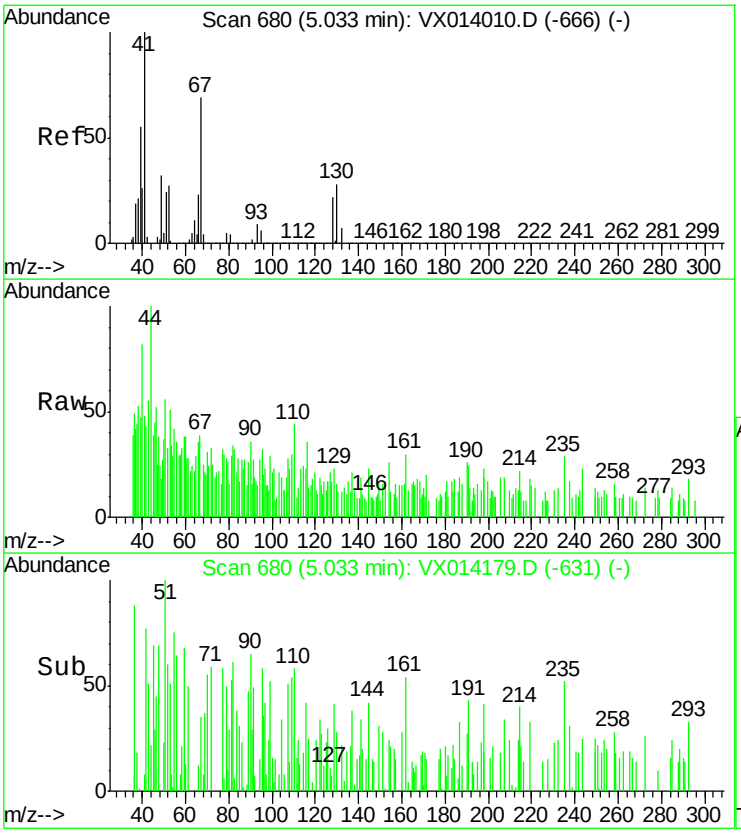
#38
Carbon Tetrachloride
Concen: 6.905 ug/l
RT: 5.65 min Scan# 782
Delta R.T. -0.12 min
Lab File: VX014179.D
Acq: 20 Dec 2019 17:13

Instrument : MSVOA_X
ClientSampleId : MW-4

Tgt Ion:117 Resp: 47345

Ion	Ratio	Lower	Upper
117	100		
119	5.8	76.2	114.4#
121	0.2	23.6	35.4#

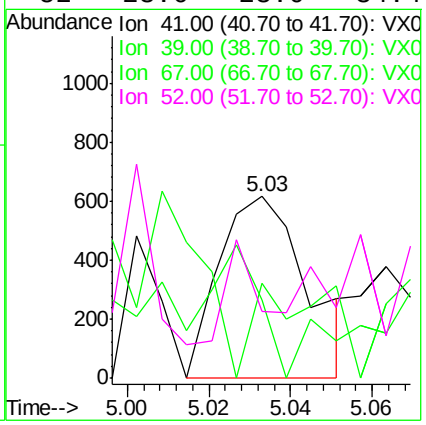


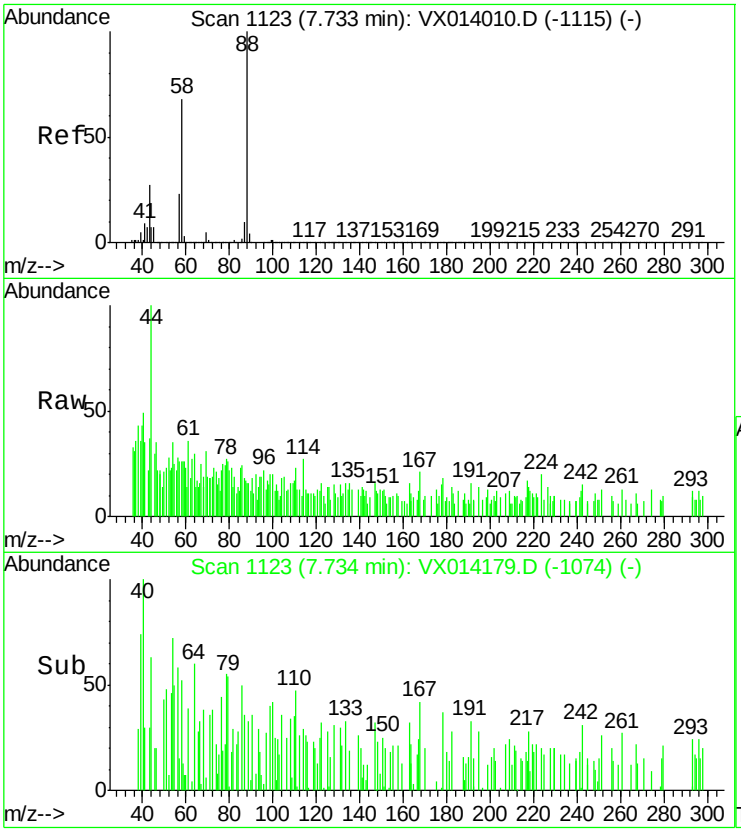


#41
Methacrylonitrile
Concen: 0.200 ug/l
RT: 5.03 min Scan# 680
Delta R.T. 0.00 min
Lab File: VX014179.D
Acq: 20 Dec 2019 17:13

Tgt Ion: 41 Resp: 923

Ion	Ratio	Lower	Upper
41	100		
39	42.6	44.5	66.7#
67	40.3	57.4	86.0#
52	23.6	23.0	34.4



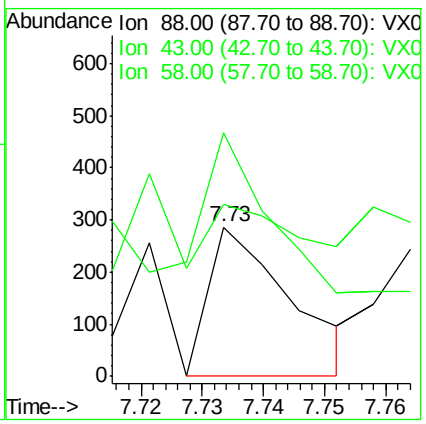


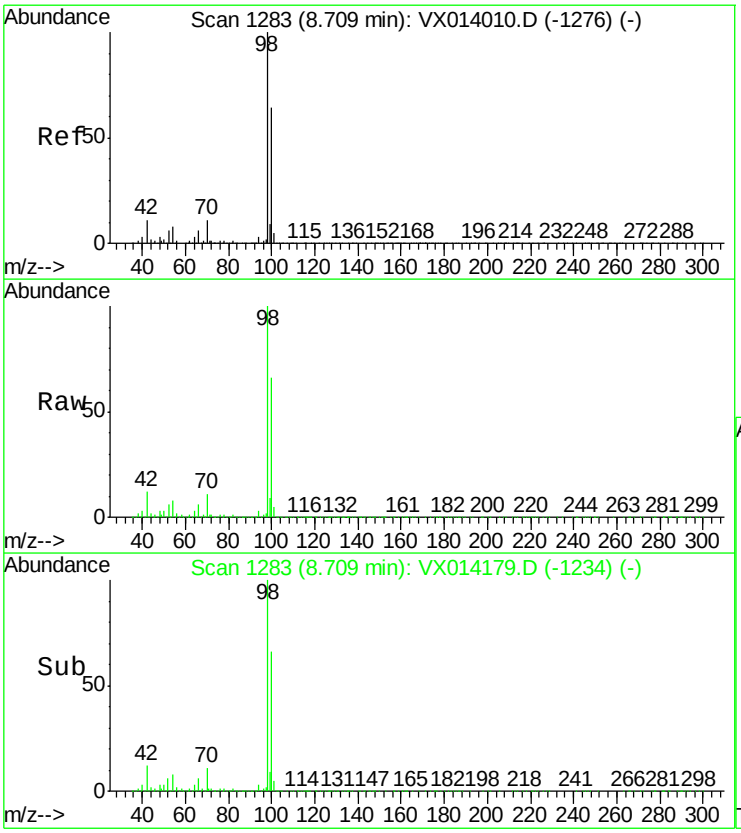
#49
1,4-Dioxane
Concen: 1.933 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX014179.D
Acq: 20 Dec 2019 17:13

Instrument : MSVOA_X
ClientSampleId : MW-4

Tgt Ion: 88 Resp: 265

Ion	Ratio	Lower	Upper
88	100		
43	0.0	26.5	39.7#
58	153.6	56.8	85.2#

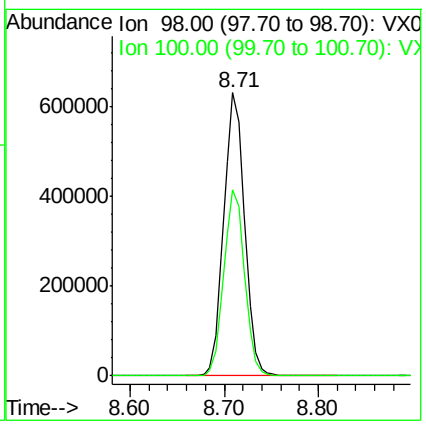


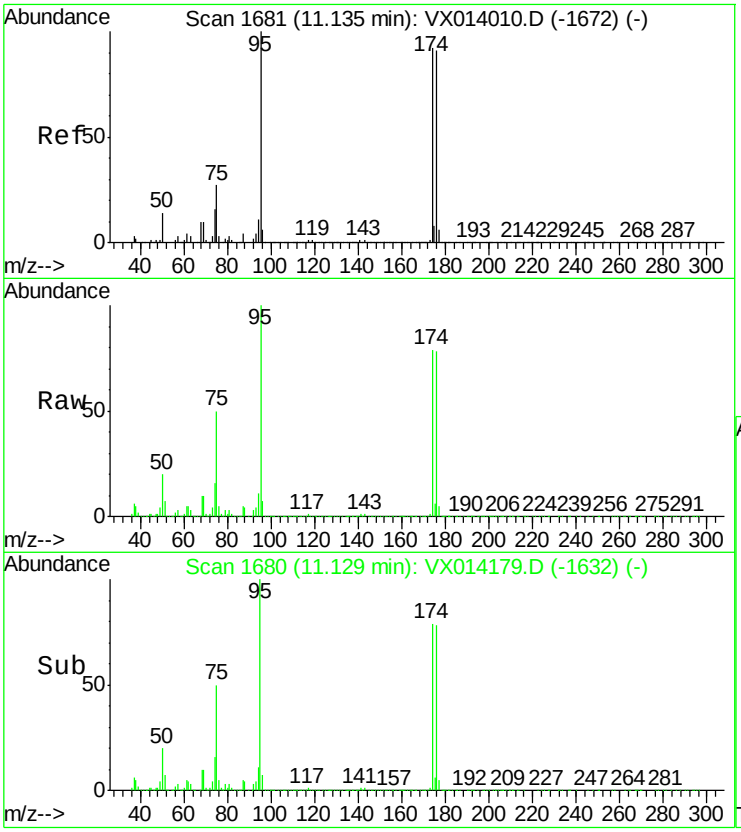


#50
Toluene-d8
Concen: 50.011 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014179.D
Acq: 20 Dec 2019 17:13

Tgt Ion: 98 Resp: 970824

Ion	Ratio	Lower	Upper
98	100		
100	65.5	52.9	79.3



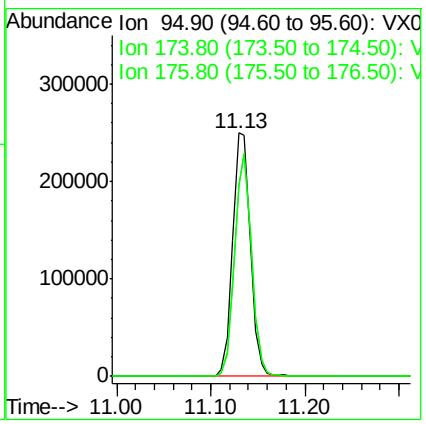


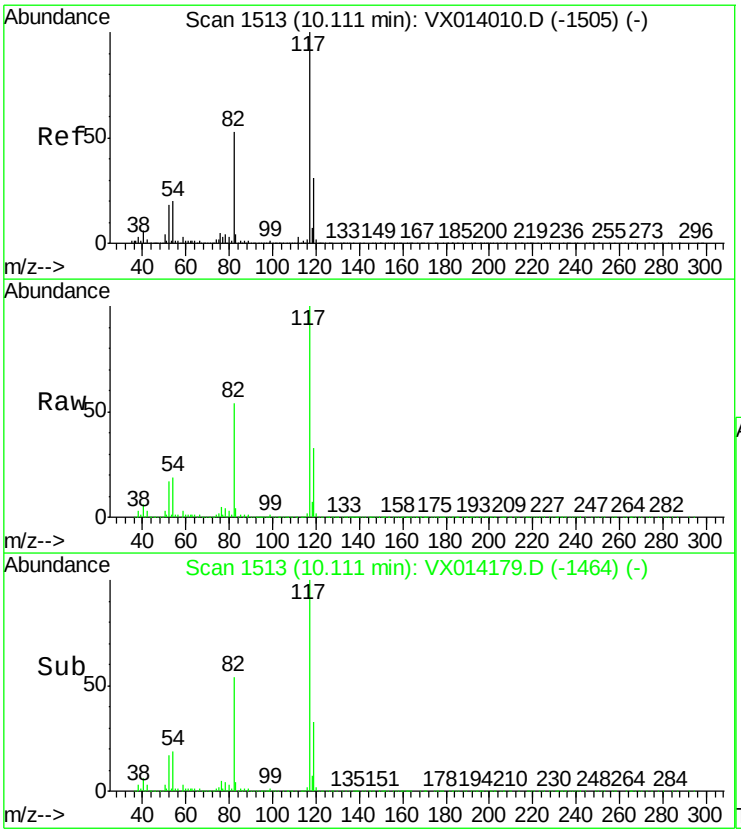
#62
4-Bromofluorobenzene
Concen: 46.076 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.01 min
Lab File: VX014179.D
Acq: 20 Dec 2019 17:13

Instrument : MSVOA_X
ClientSampleId : MW-4

Tgt Ion: 95 Resp: 326956

Ion	Ratio	Lower	Upper
95	100		
174	87.9	0.0	175.8
176	86.8	0.0	173.0

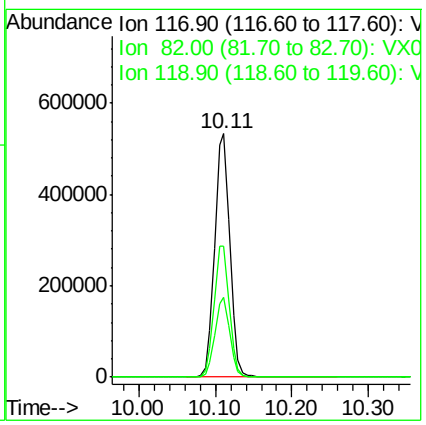


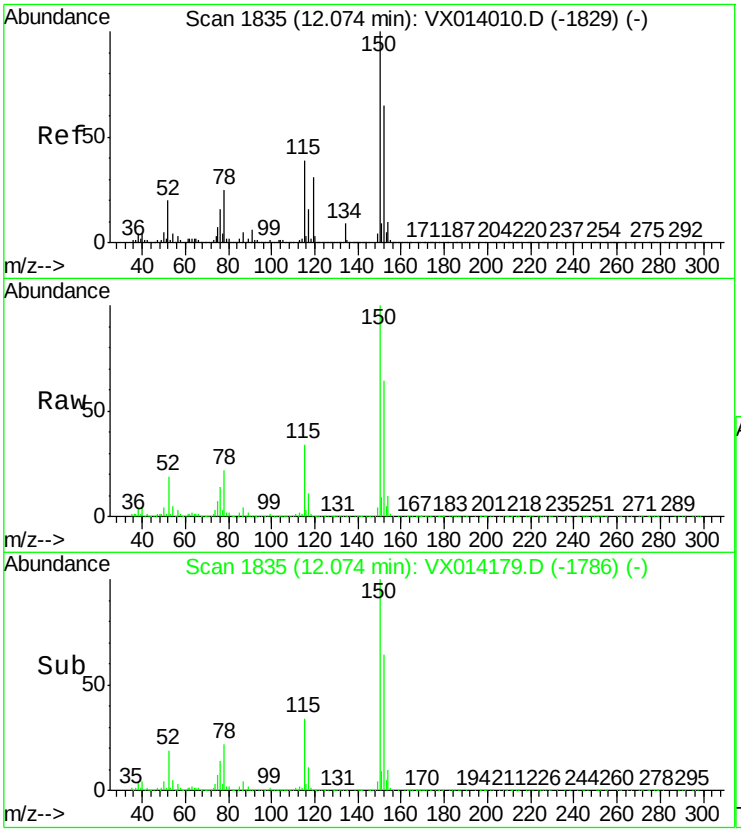


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX014179.D
Acq: 20 Dec 2019 17:13

Tgt Ion:117 Resp: 729256

Ion	Ratio	Lower	Upper
117	100		
82	53.7	42.2	63.4
119	32.8	25.1	37.7



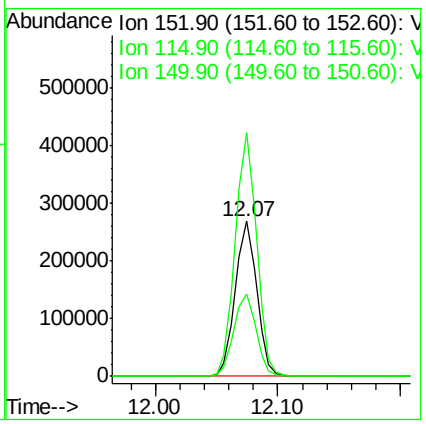


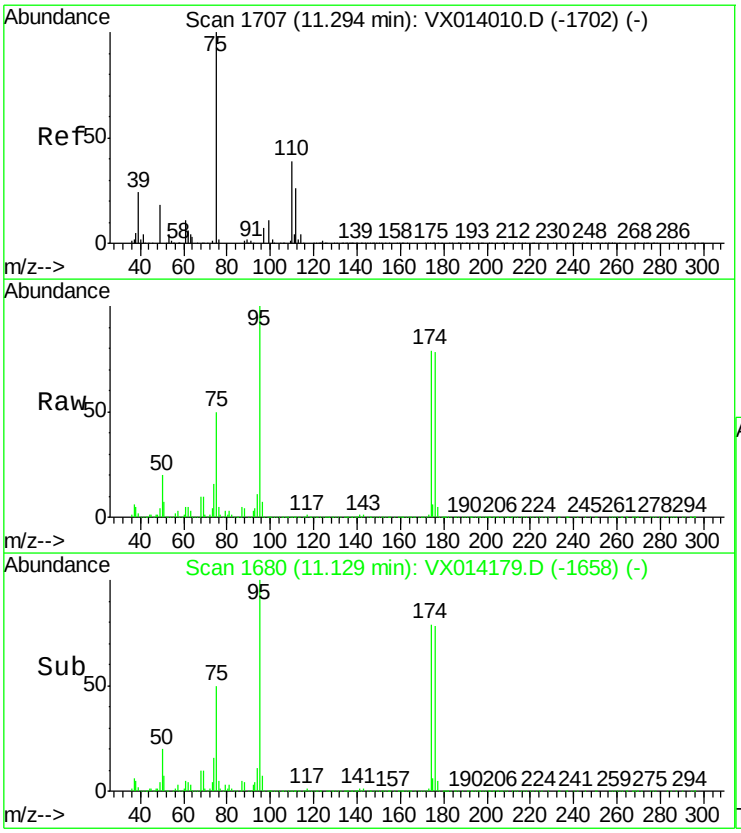
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX014179.D
Acq: 20 Dec 2019 17:13

Instrument :
MSVOA_X
ClientSampleId :
MW-4

Tgt Ion:152 Resp: 326070

Ion	Ratio	Lower	Upper
152	100		
115	54.8	38.3	114.9
150	156.3	0.0	345.4

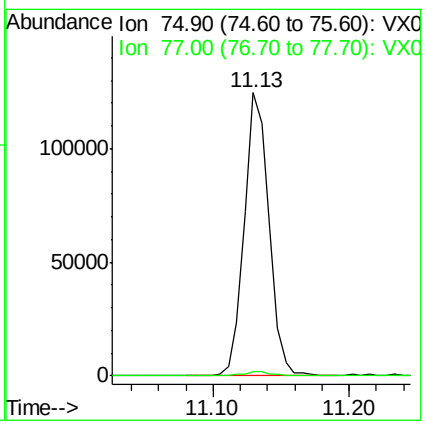


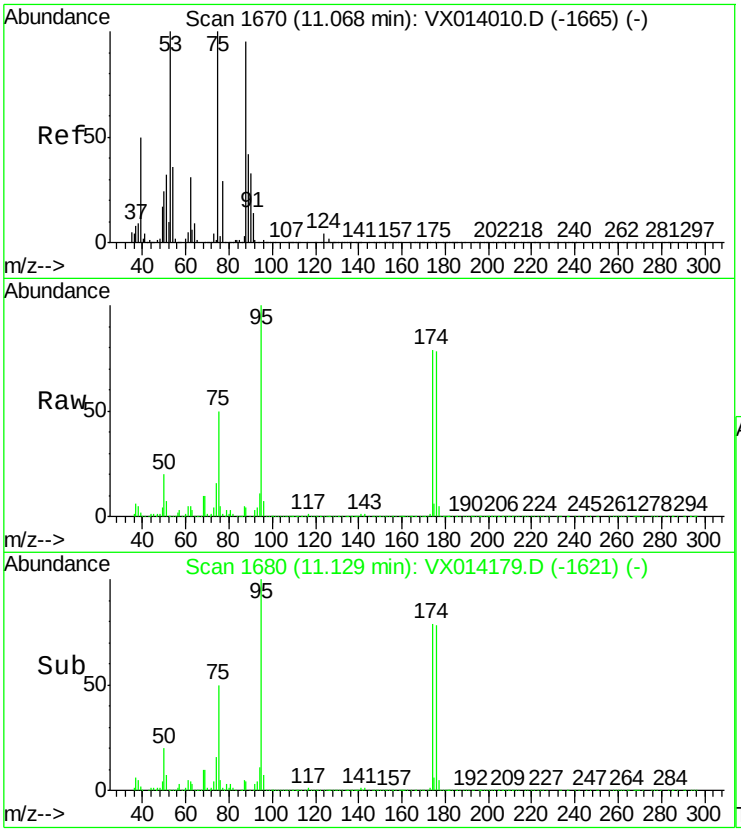


#76
1,2,3-Trichloropropane
Concen: 22.264 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.16 min
Lab File: VX014179.D
Acq: 20 Dec 2019 17:13

Tgt Ion: 75 Resp: 157604

Ion	Ratio	Lower	Upper
75	100		
77	1.6	19.3	57.8#





#81
trans-1,4-Dichloro-2-butene
Concen: 62.840 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.06 min
Lab File: VX014179.D
Acq: 20 Dec 2019 17:13

Instrument :
MSVOA_X
ClientSampleId :
MW-4

Tgt Ion: 75 Resp: 157604

Ion	Ratio	Lower	Upper
75	100		
53	0.2	76.7	115.1#
89	0.0	34.6	51.8#