Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\TERASTORAGE\VOASRV\HPCHEM1\MSVOA X\DATA\VX102220\
Data File : VX019016.D
Acq On : 22 Oct 2020 11:09
Operator : JC/SP
Sample : L4214-07 .2PPB LOD
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT4-2020

Quant Time: Oct 23 10:00:47 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102120W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 22 17:51:42 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	234415	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.82	114	387256	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	354371	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	171602	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	129765	46.21	ug/l	0.00
Spiked Amount 50.000			Recovery = 92.42%			
35) Dibromofluoromethane	5.46	113	107700	43.93	ug/l	-0.01
Spiked Amount 50.000			Recovery = 87.86%			
50) Toluene-d8	8.70	98	418753	44.76	ug/l	0.00
Spiked Amount 50.000			Recovery = 89.52%			
62) 4-Bromofluorobenzene	11.12	95	147979	44.46	ug/l	0.00
Spiked Amount 50.000			Recovery = 88.92%			
Target Compounds						Qvalue
5) Bromomethane	1.64	94	750	0.268	ug/l	84
10) Methyl Iodide	2.49	142	781	0.282	ug/l #	97
13) Acrolein	2.29	56	259	1.149	ug/l #	16
15) Acrylonitrile	3.12	53	486	0.442	ug/l #	90
16) Acetone	2.43	43	805	0.842	ug/l #	71
20) Methylene Chloride	2.83	84	559	0.210	ug/l #	81
23) Vinyl Acetate	3.79	43	1743	0.315	ug/l #	90
25) 2-Butanone	4.66	43	864	0.572	ug/l #	85
29) Tetrahydrofuran	5.09	42	473	0.524	ug/l #	29
36) 1,1-Dichloropropene	5.62	75	17576	5.058	ug/l #	48
38) Carbon Tetrachloride	5.62	117	23176	6.354	ug/l #	16
51) 4-Methyl-2-Pentanone	8.62	43	877	0.296	ug/l #	84
58) 2-Chloroethyl Vinyl ether	8.29	63	995	0.478	ug/l	95
59) 2-Hexanone	9.48	43	816	0.370	ug/l	64
76) 1,2,3-Trichloropropane	11.12	75	73944	21.559	ug/l #	36
81) trans-1,4-Dichloro-2-buten	11.12	75	73944	54.928	ug/l #	15

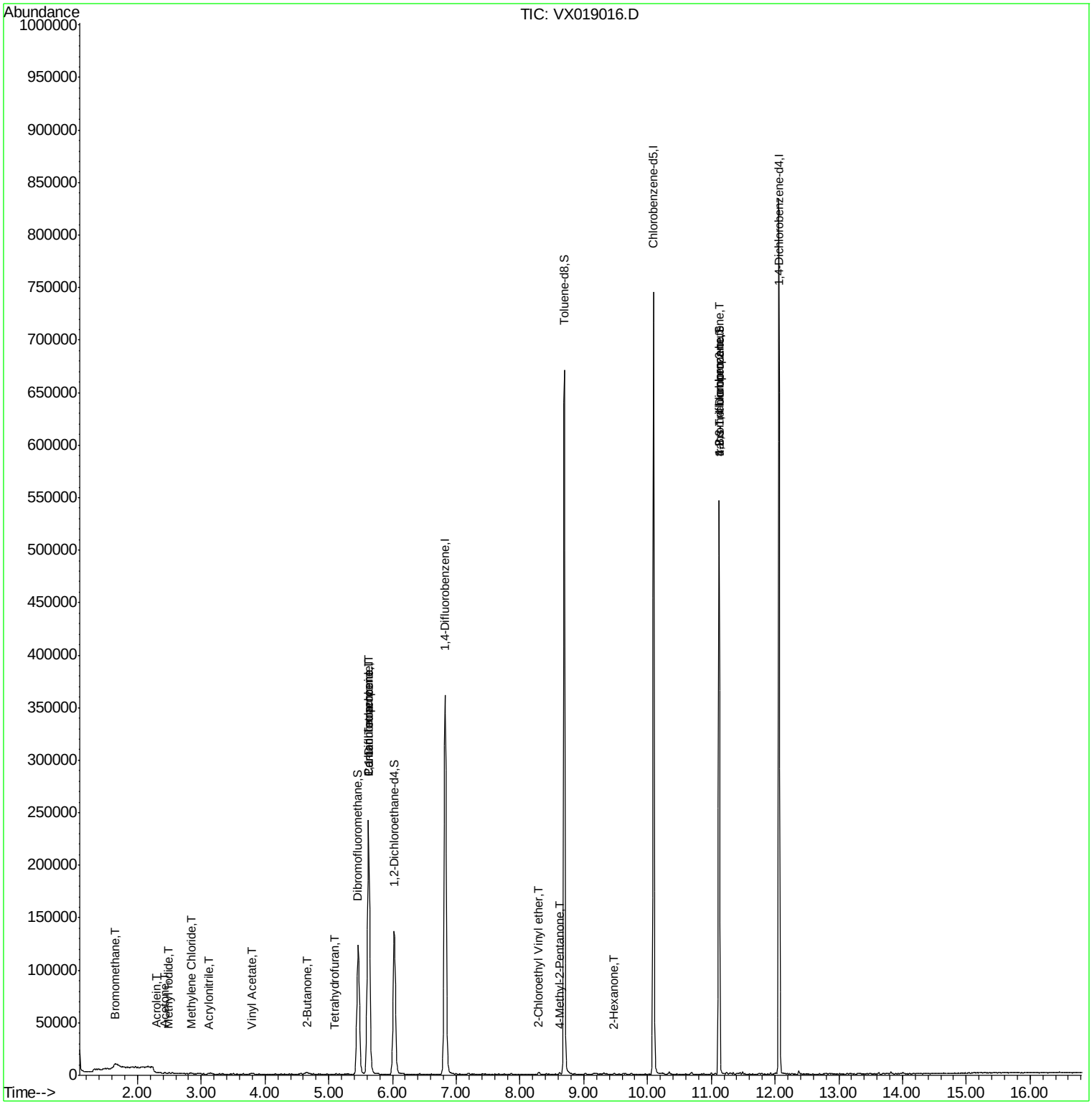
(#) = qualifier out of range (m) = manual integration (+) = signals summed

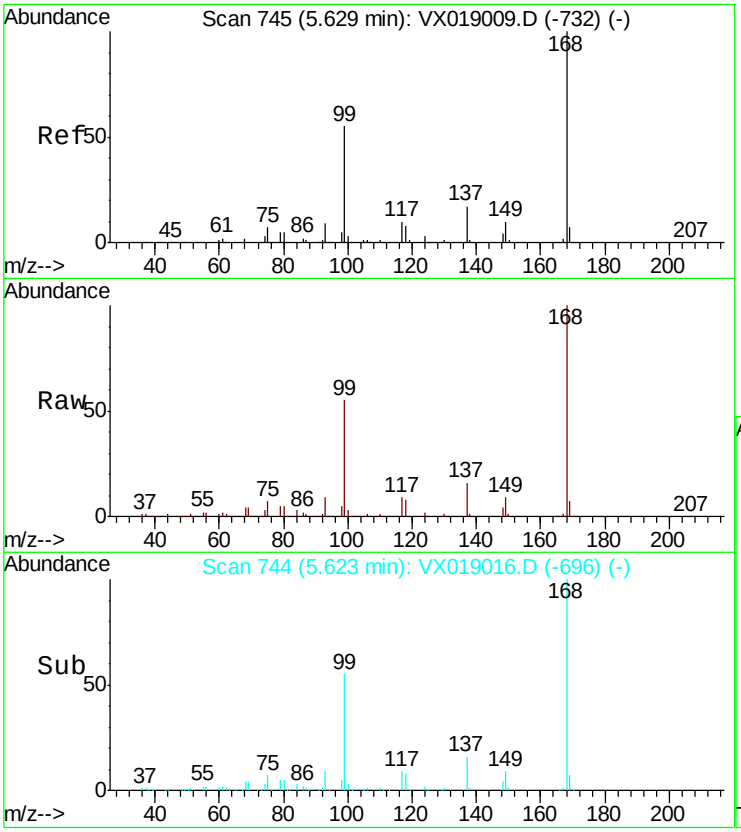
Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\TERASTORAGE\VOASRV\HPCHEM1\MSVOA X\DATA\VX102220\
Data File : VX019016.D
Acq On : 22 Oct 2020 11:09
Operator : JC/SP
Sample : L4214-07 .2PPB LOD
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2020

Quant Time: Oct 23 10:00:47 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102120W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 22 17:51:42 2020
Response via : Initial Calibration



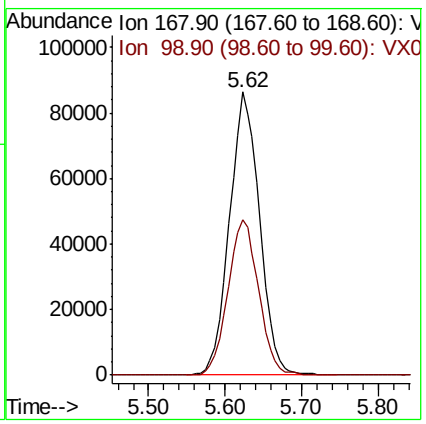


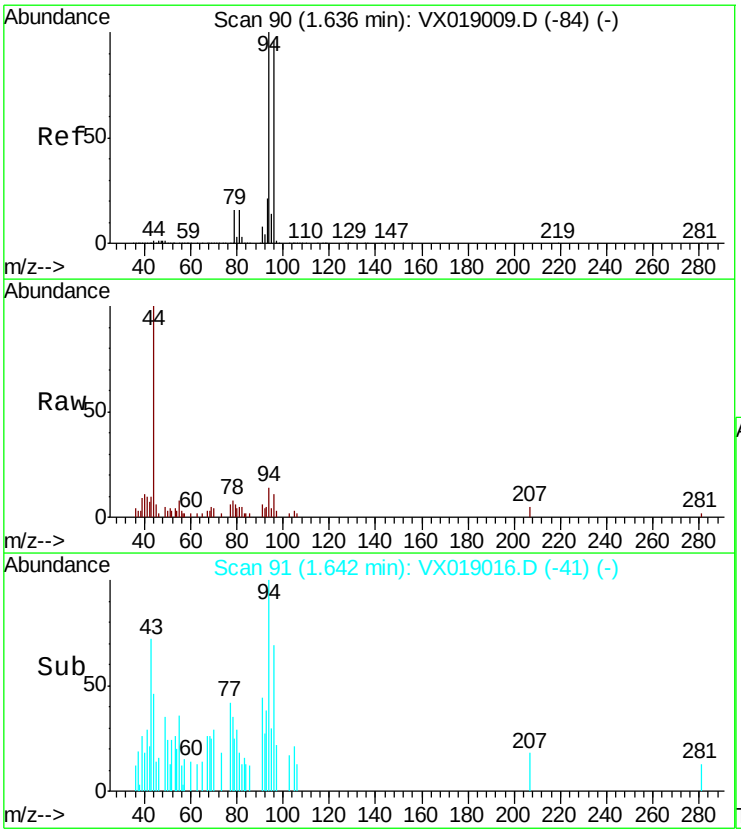
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.62 min Scan# 744
Delta R.T. -0.01 min
Lab File: VX019016.D
Acq: 22 Oct 2020 11:09

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2020

Tgt Ion:168 Resp: 234415

Ion	Ratio	Lower	Upper
168	100		
99	55.1	44.2	66.2

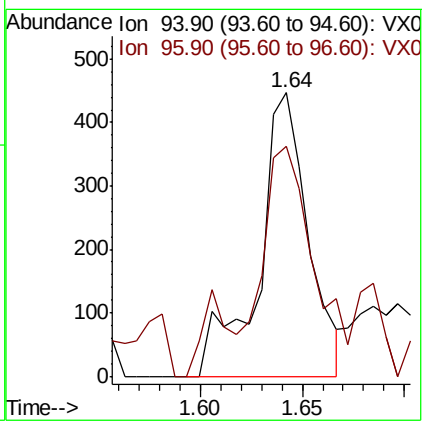


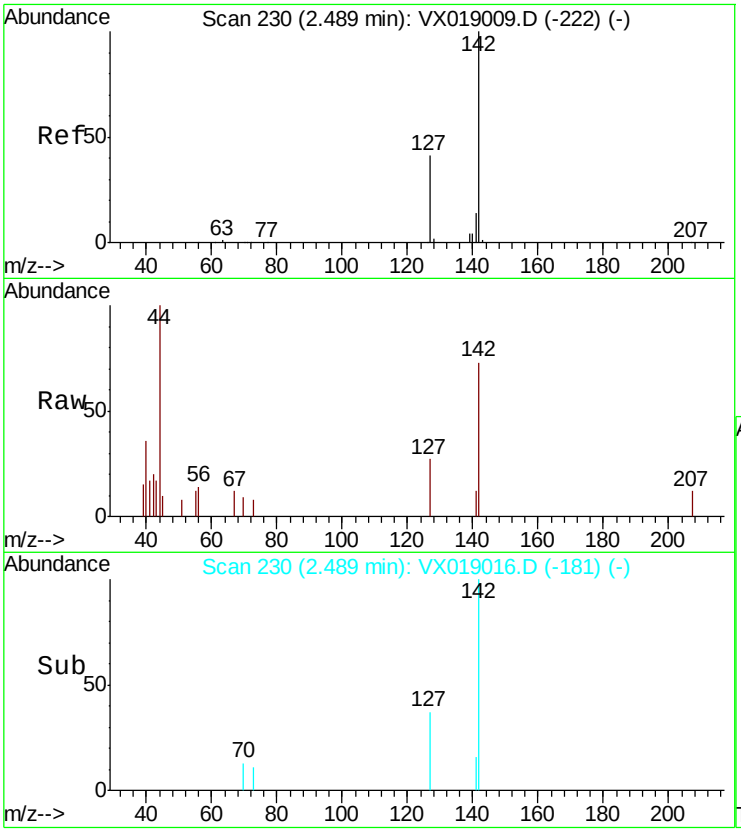


#5
Bromomethane
Concen: 0.268 ug/l
RT: 1.64 min Scan# 91
Delta R.T. 0.01 min
Lab File: VX019016.D
Acq: 22 Oct 2020 11:09

Tgt Ion: 94 Resp: 750

Ion	Ratio	Lower	Upper
94	100		
96	81.0	77.1	115.7



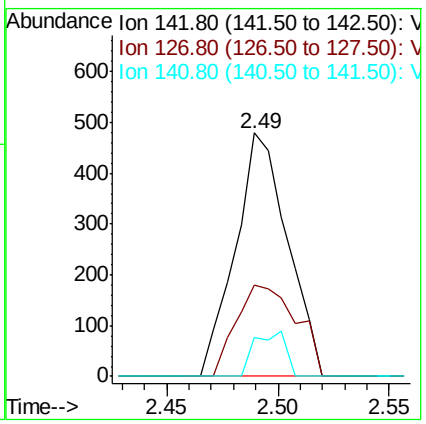


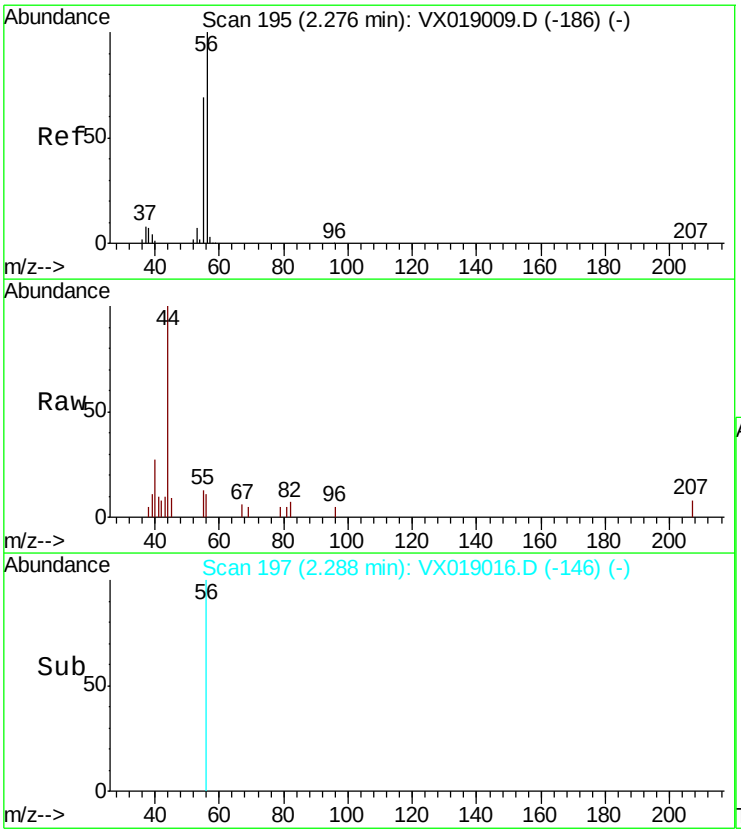
#10
Methyl Iodide
Concen: 0.282 ug/l
RT: 2.49 min Scan# 230
Delta R.T. 0.00 min
Lab File: VX019016.D
Acq: 22 Oct 2020 11:09

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2020

Tgt Ion:142 Resp: 781

Ion	Ratio	Lower	Upper
142	100		
127	43.1	33.6	50.4
141	11.1	11.2	16.8#

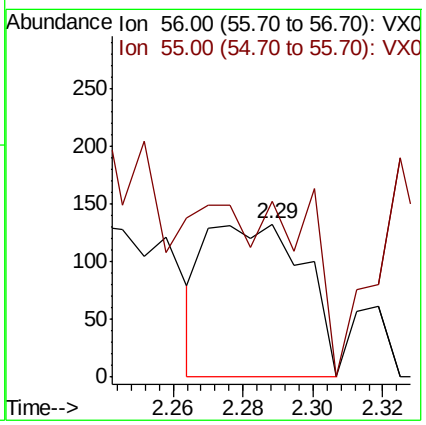


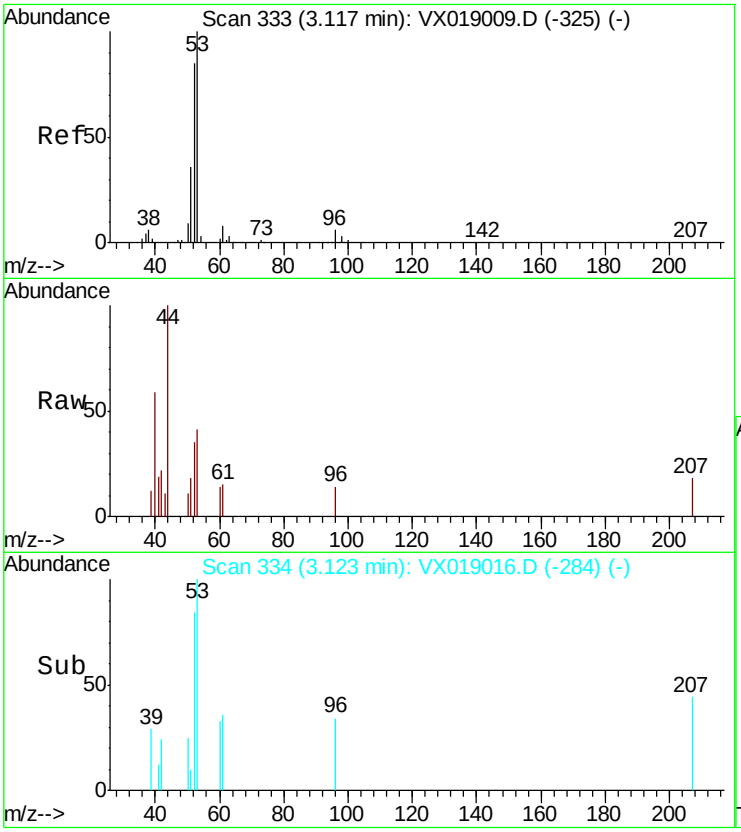


#13
Acrolein
Concen: 1.149 ug/l
RT: 2.29 min Scan# 197
Delta R.T. 0.01 min
Lab File: VX019016.D
Acq: 22 Oct 2020 11:09

Tgt Ion: 56 Resp: 259

Ion	Ratio	Lower	Upper
56	100		
55	0.0	54.2	81.4#



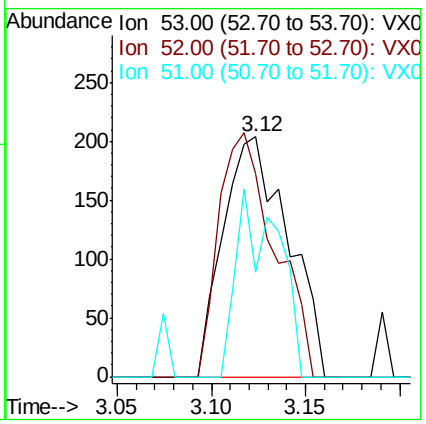


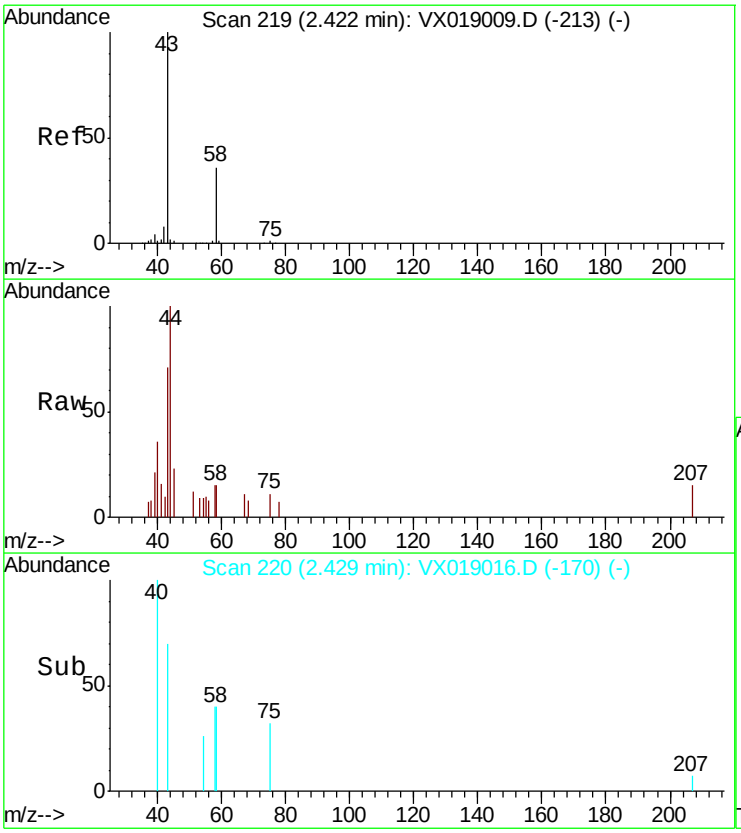
#15
Acrylonitrile
Concen: 0.442 ug/l
RT: 3.12 min Scan# 334
Delta R.T. 0.01 min
Lab File: VX019016.D
Acq: 22 Oct 2020 11:09

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2020

Tgt Ion: 53 Resp: 486

Ion	Ratio	Lower	Upper
53	100		
52	87.4	65.9	98.9
51	24.3	28.3	42.5#

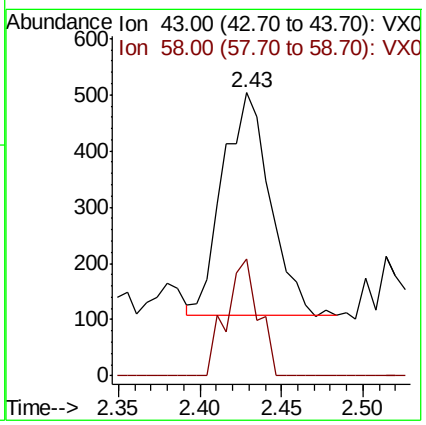


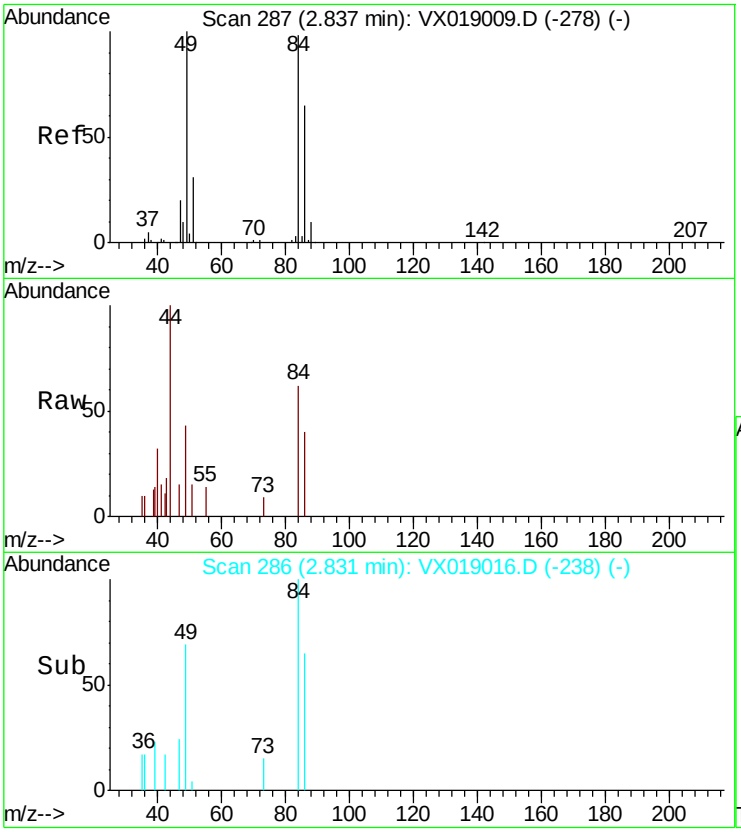


#16
Acetone
Concen: 0.842 ug/l
RT: 2.43 min Scan# 220
Delta R.T. 0.01 min
Lab File: VX019016.D
Acq: 22 Oct 2020 11:09

Tgt Ion: 43 Resp: 805

Ion	Ratio	Lower	Upper
43	100		
58	52.7	28.6	42.8#



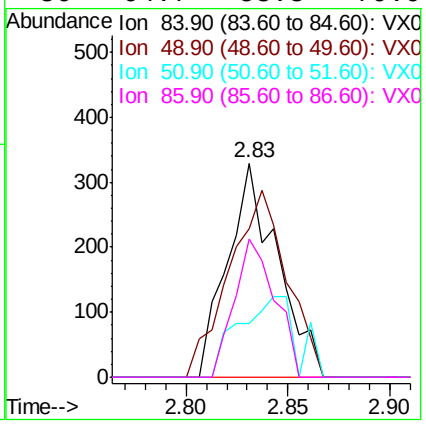


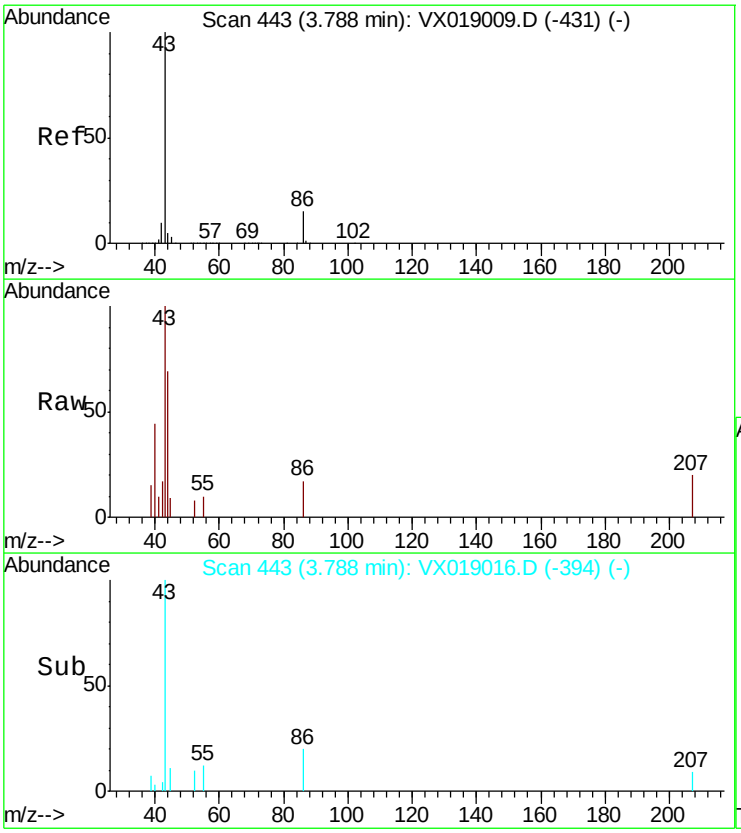
#20
Methylene Chloride
Concen: 0.210 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX019016.D
Acq: 22 Oct 2020 11:09

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2020

Tgt Ion: 84 Resp: 559

Ion	Ratio	Lower	Upper
84	100		
49	69.3	81.6	122.4#
51	24.9	25.6	38.4#
86	64.7	53.3	79.9

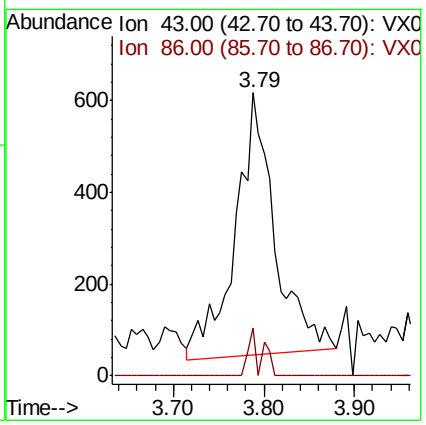


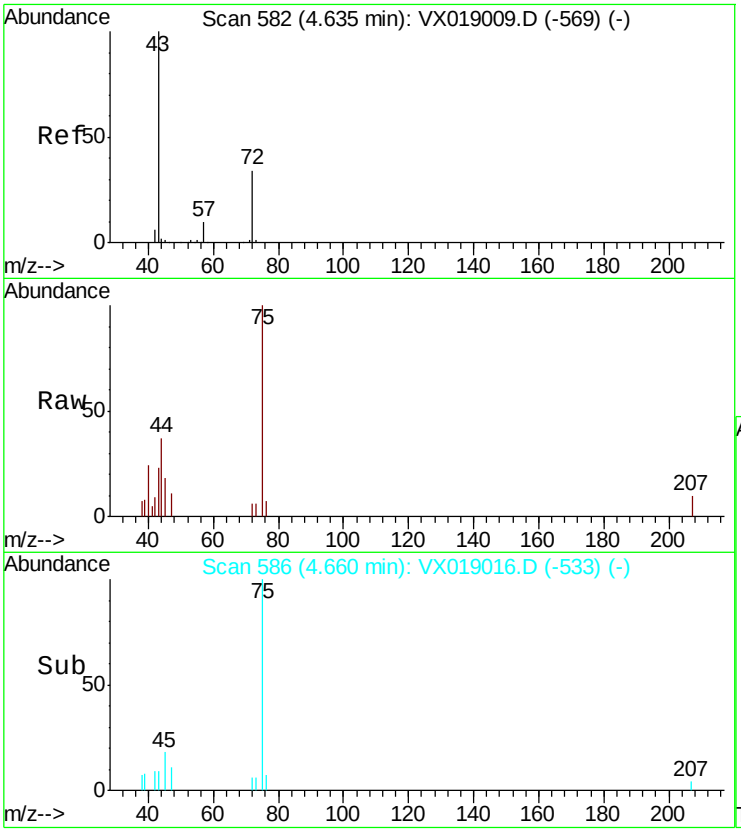


#23
Vinyl Acetate
Concen: 0.315 ug/l
RT: 3.79 min Scan# 443
Delta R.T. 0.00 min
Lab File: VX019016.D
Acq: 22 Oct 2020 11:09

Tgt Ion: 43 Resp: 1743

Ion	Ratio	Lower	Upper
43	100		
86	18.6	11.7	17.5#



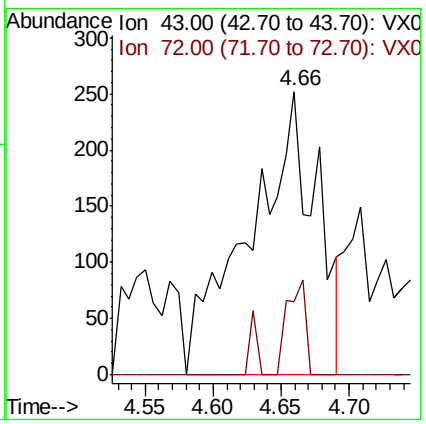


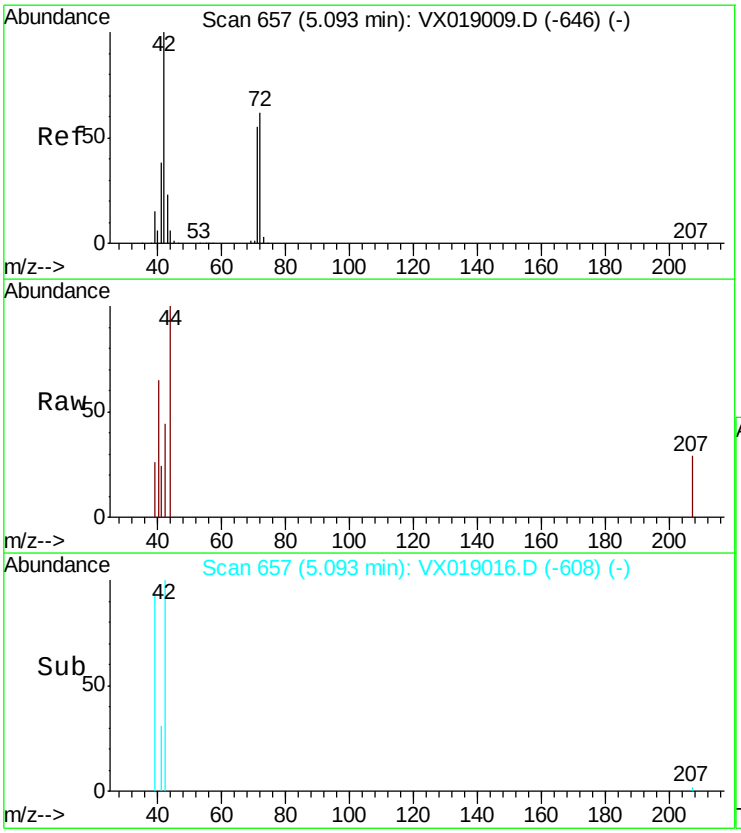
#25
2-Butanone
Concen: 0.572 ug/l
RT: 4.66 min Scan# 586
Delta R.T. 0.02 min
Lab File: VX019016.D
Acq: 22 Oct 2020 11:09

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2020

Tgt Ion: 43 Resp: 864

Ion	Ratio	Lower	Upper
43	100		
72	25.8	27.8	41.6#

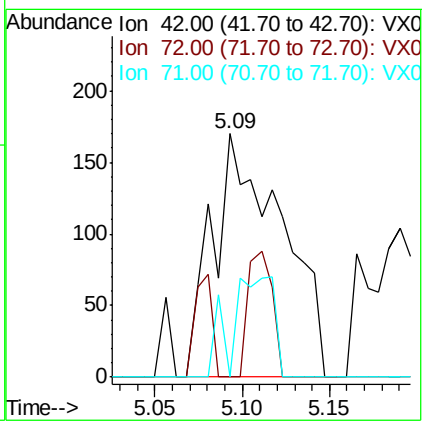


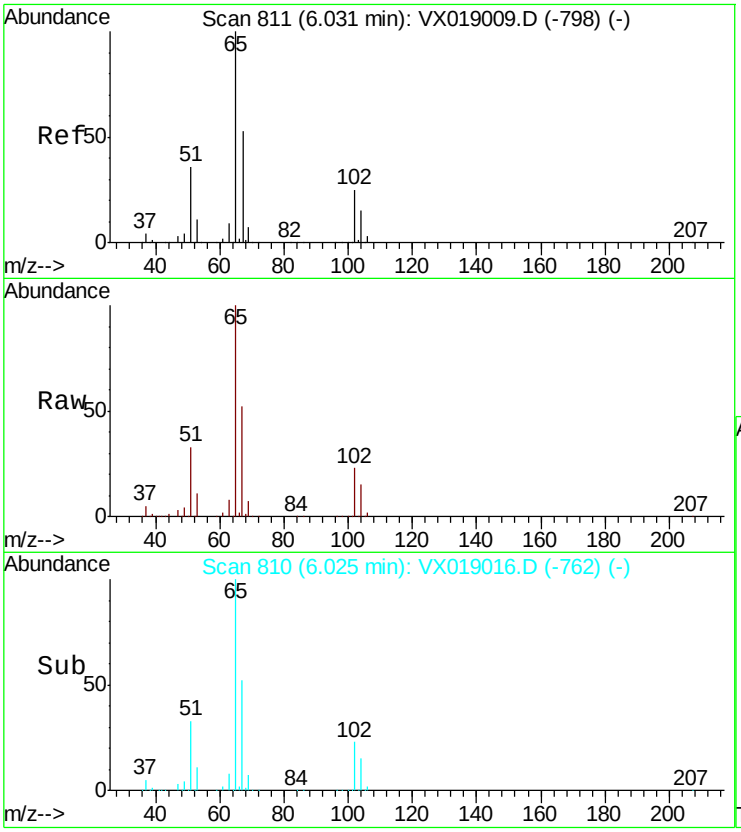


#29
Tetrahydrofuran
Concen: 0.524 ug/l
RT: 5.09 min Scan# 657
Delta R.T. 0.00 min
Lab File: VX019016.D
Acq: 22 Oct 2020 11:09

Tgt Ion: 42 Resp: 473

Ion	Ratio	Lower	Upper
42	100		
72	10.4	49.1	73.7#
71	0.0	44.2	66.4#



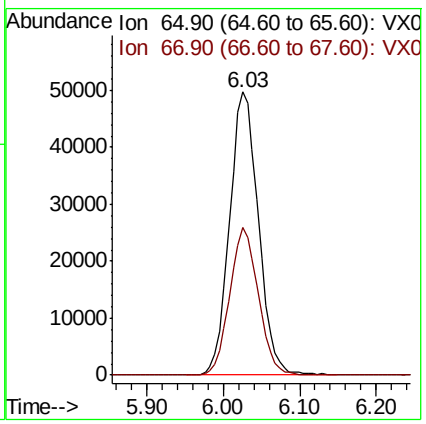


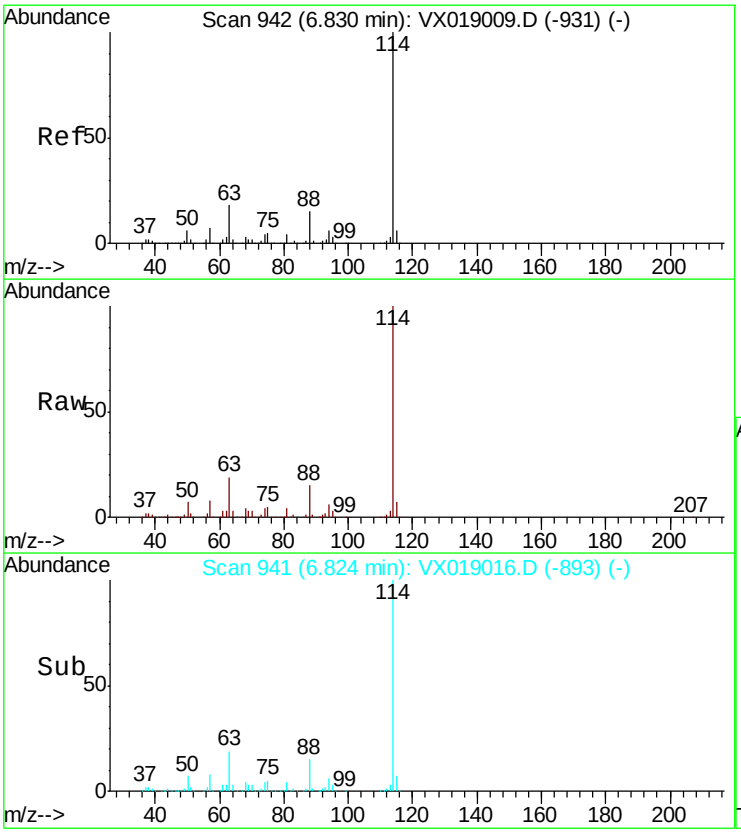
#33
1,2-Dichloroethane-d4
Concen: 46.214 ug/l
RT: 6.03 min Scan# 810
Delta R.T. -0.01 min
Lab File: VX019016.D
Acq: 22 Oct 2020 11:09

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2020

Tgt Ion: 65 Resp: 129765

Ion	Ratio	Lower	Upper
65	100		
67	51.9	0.0	107.0

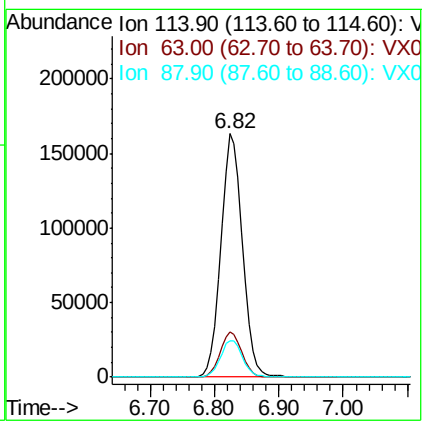


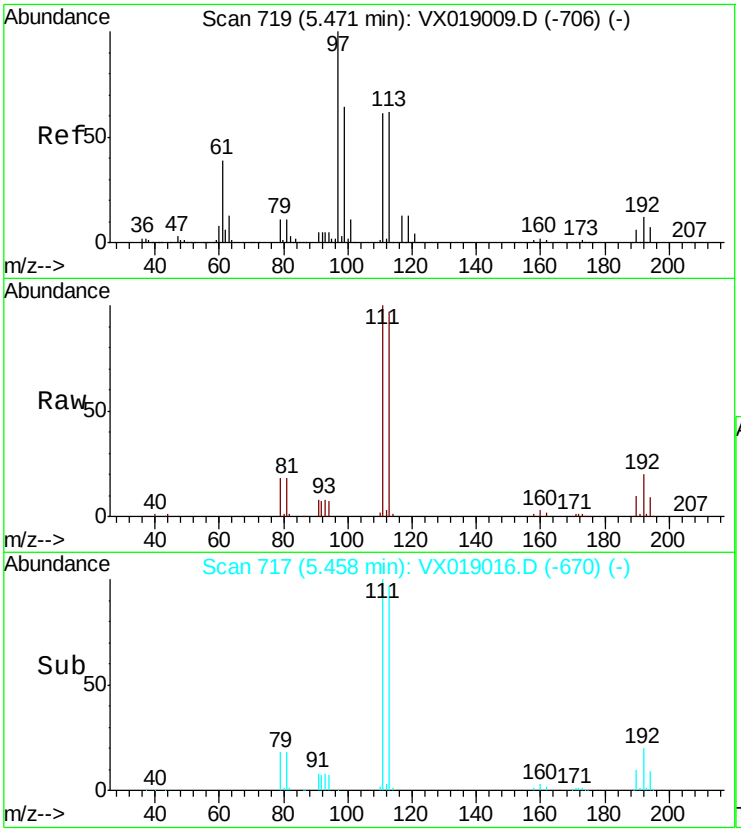


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.82 min Scan# 941
Delta R.T. -0.01 min
Lab File: VX019016.D
Acq: 22 Oct 2020 11:09

Tgt Ion:114 Resp: 387256

Ion	Ratio	Lower	Upper
114	100		
63	18.8	0.0	36.8
88	14.7	0.0	30.2



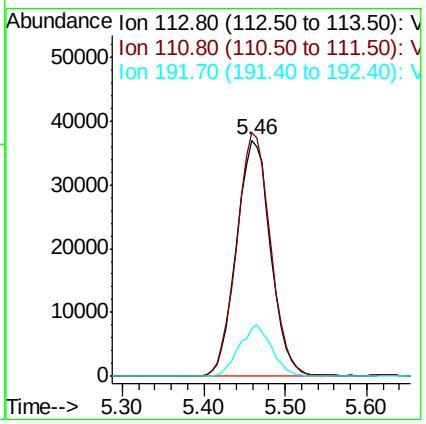


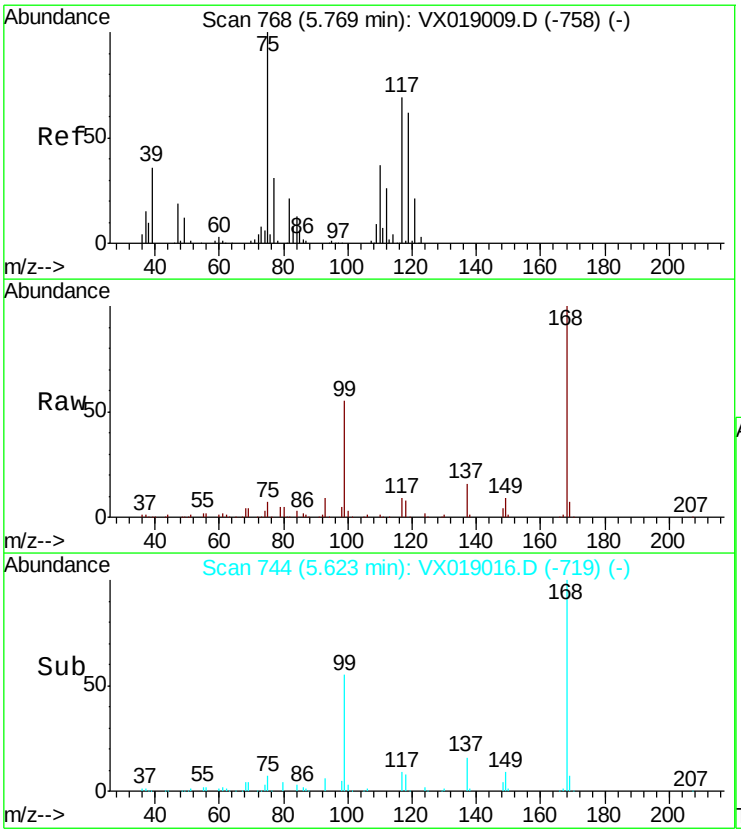
#35
Dibromofluoromethane
Concen: 43.926 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.01 min
Lab File: VX019016.D
Acq: 22 Oct 2020 11:09

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2020

Tgt Ion:113 Resp: 107700

Ion	Ratio	Lower	Upper
113	100		
111	102.4	81.5	122.3
192	20.9	16.3	24.5

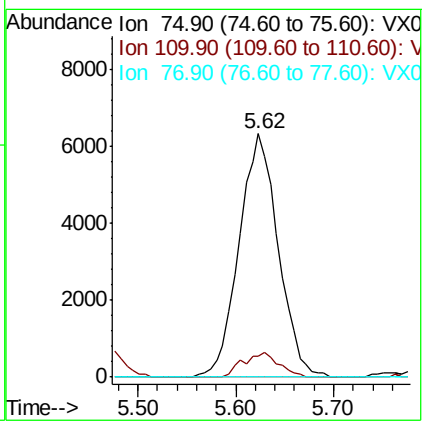


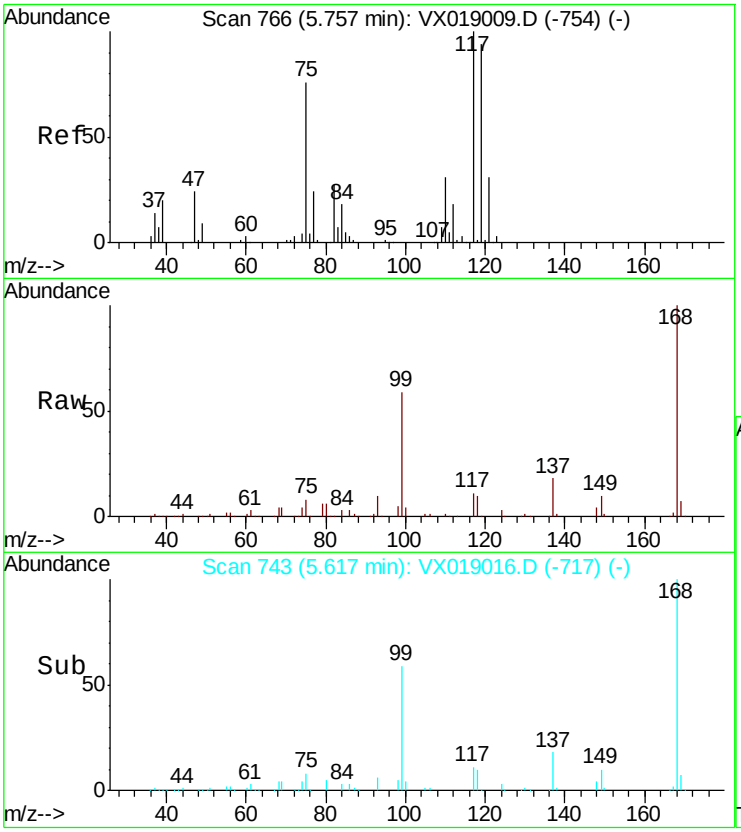


#36
1,1-Dichloropropene
Concen: 5.058 ug/l
RT: 5.62 min Scan# 744
Delta R.T. -0.15 min
Lab File: VX019016.D
Acq: 22 Oct 2020 11:09

Tgt Ion: 75 Resp: 17576

Ion	Ratio	Lower	Upper
75	100		
110	9.3	19.4	58.2#
77	0.0	25.2	37.8#



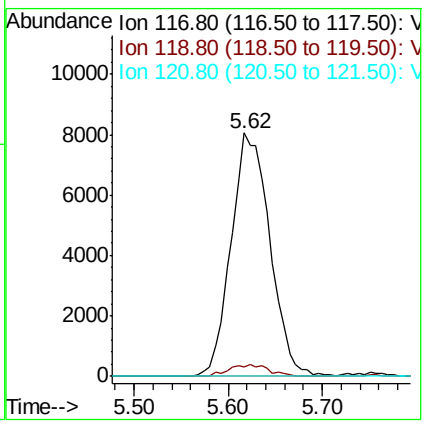


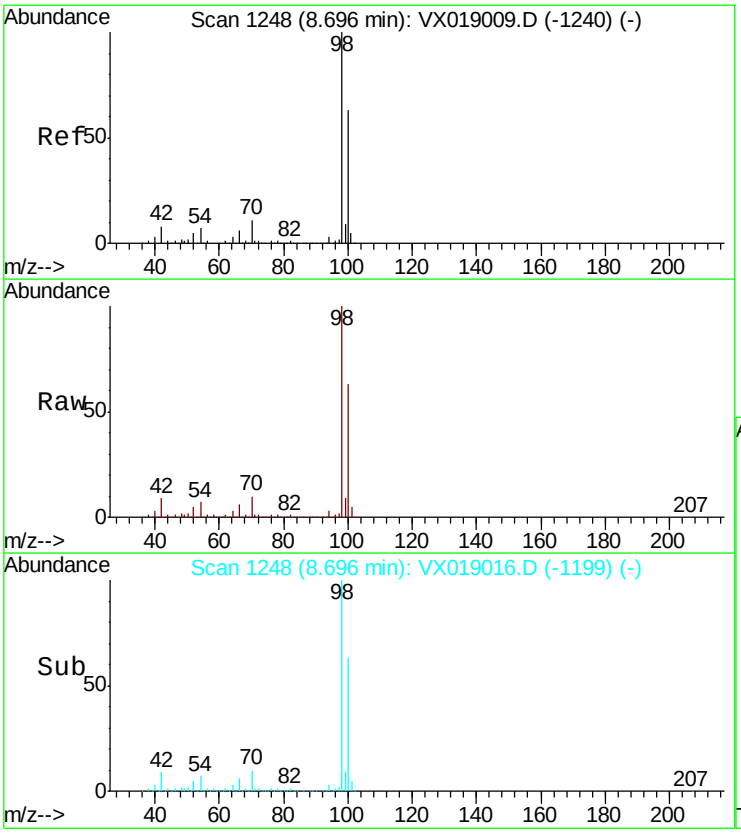
#38
Carbon Tetrachloride
Concen: 6.354 ug/l
RT: 5.62 min Scan# 743
Delta R.T. -0.14 min
Lab File: VX019016.D
Acq: 22 Oct 2020 11:09

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2020

Tgt Ion:117 Resp: 23176

Ion	Ratio	Lower	Upper
117	100		
119	4.1	75.4	113.0#
121	0.0	25.0	37.6#

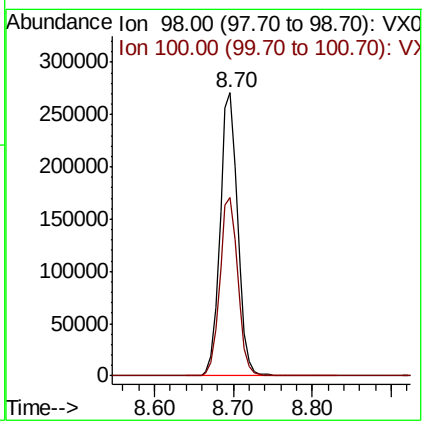


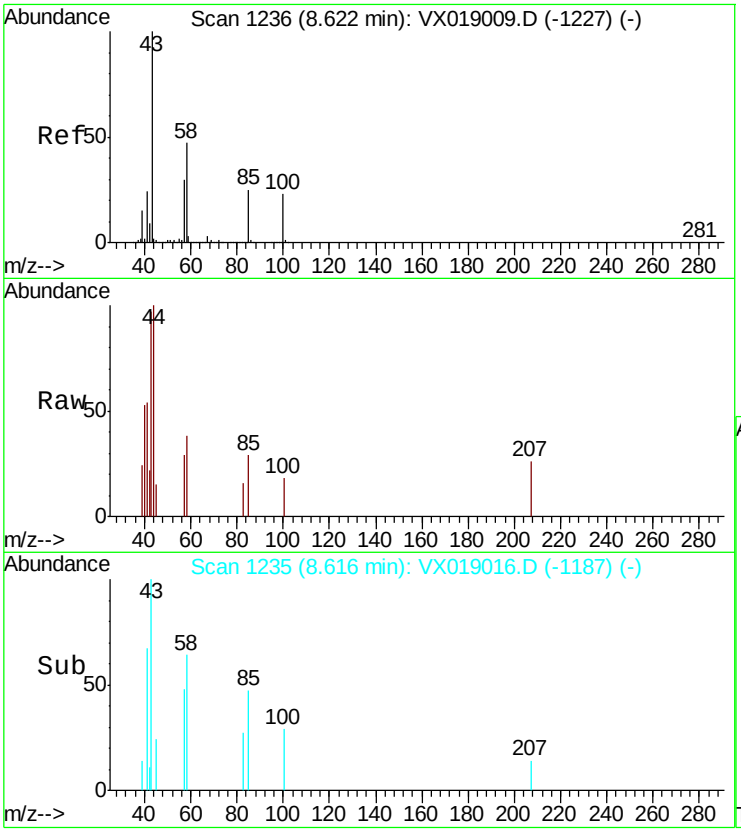


#50
Toluene-d8
Concen: 44.756 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX019016.D
Acq: 22 Oct 2020 11:09

Tgt Ion: 98 Resp: 418753

Ion	Ratio	Lower	Upper
98	100		
100	64.4	52.1	78.1



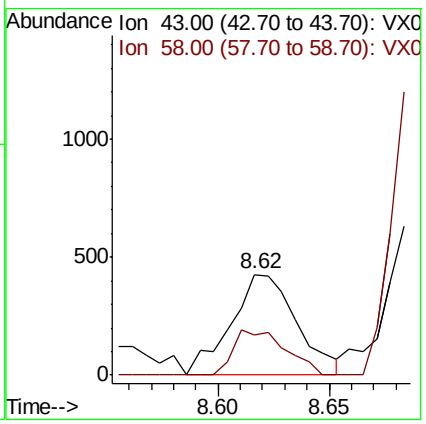


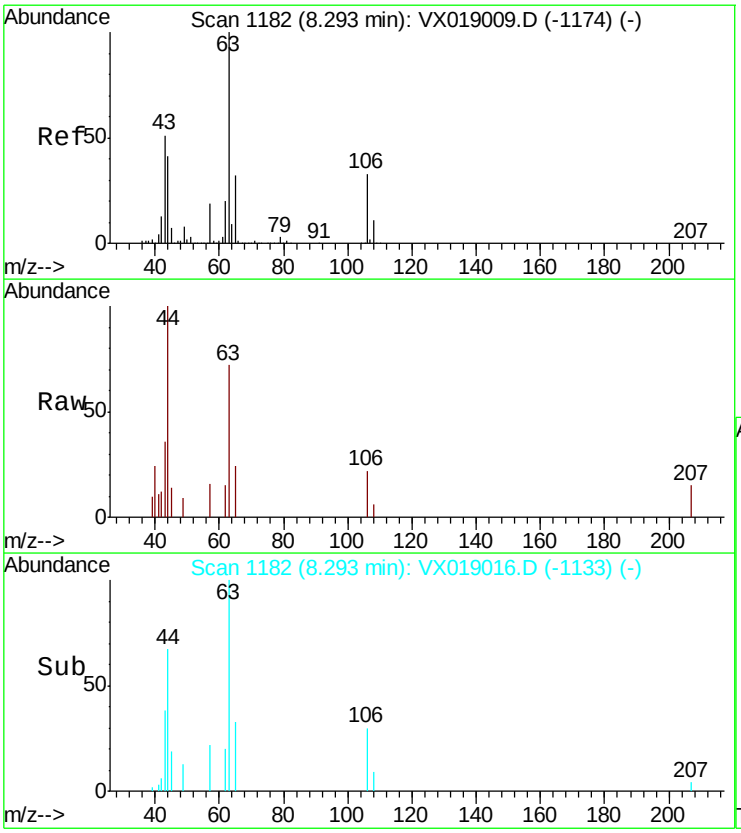
#51
4-Methyl-2-Pentanone
Concen: 0.296 ug/l
RT: 8.62 min Scan# 1235
Delta R.T. -0.01 min
Lab File: VX019016.D
Acq: 22 Oct 2020 11:09

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2020

Tgt Ion: 43 Resp: 877

Ion	Ratio	Lower	Upper
43	100		
58	35.8	37.4	56.0#

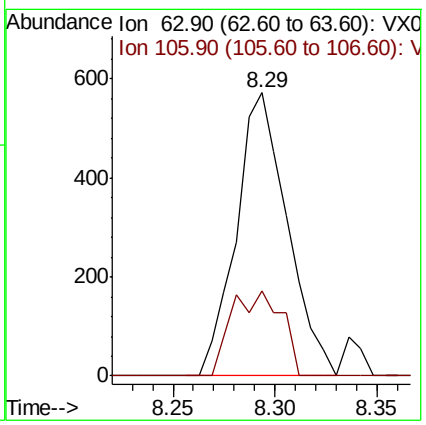


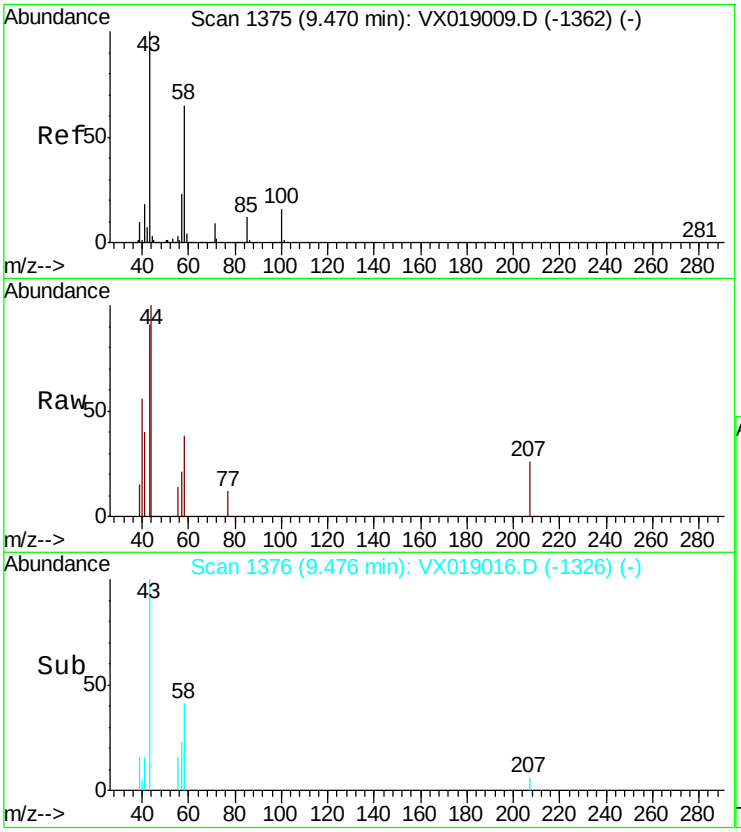


#58
2-Chloroethyl Vinyl ether
Concen: 0.478 ug/l
RT: 8.29 min Scan# 1182
Delta R.T. 0.00 min
Lab File: VX019016.D
Acq: 22 Oct 2020 11:09

Tgt Ion: 63 Resp: 995

Ion	Ratio	Lower	Upper
63	100		
106	29.4	26.0	39.0



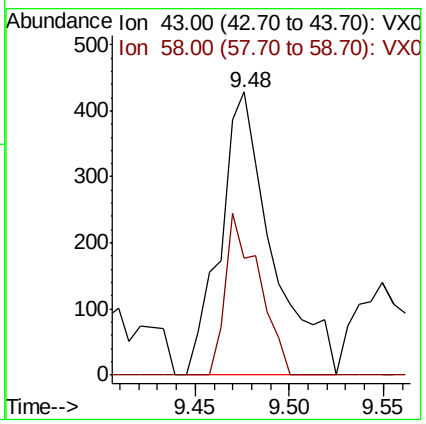


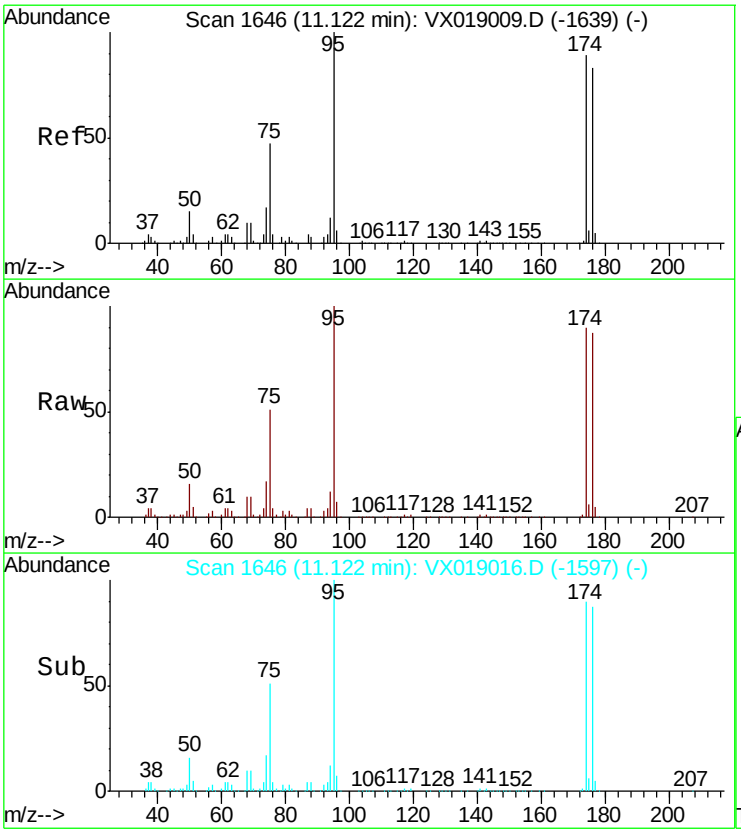
#59
2-Hexanone
Concen: 0.370 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.01 min
Lab File: VX019016.D
Acq: 22 Oct 2020 11:09

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2020

Tgt Ion: 43 Resp: 816

Ion	Ratio	Lower	Upper
43	100		
58	37.0	32.8	98.4

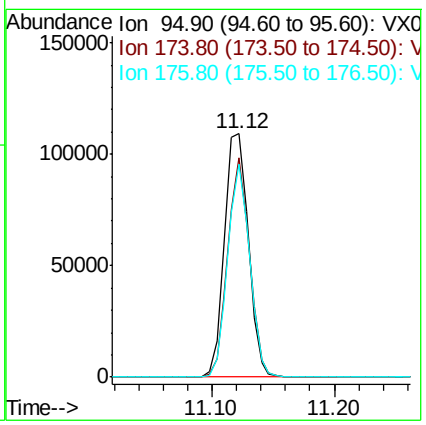


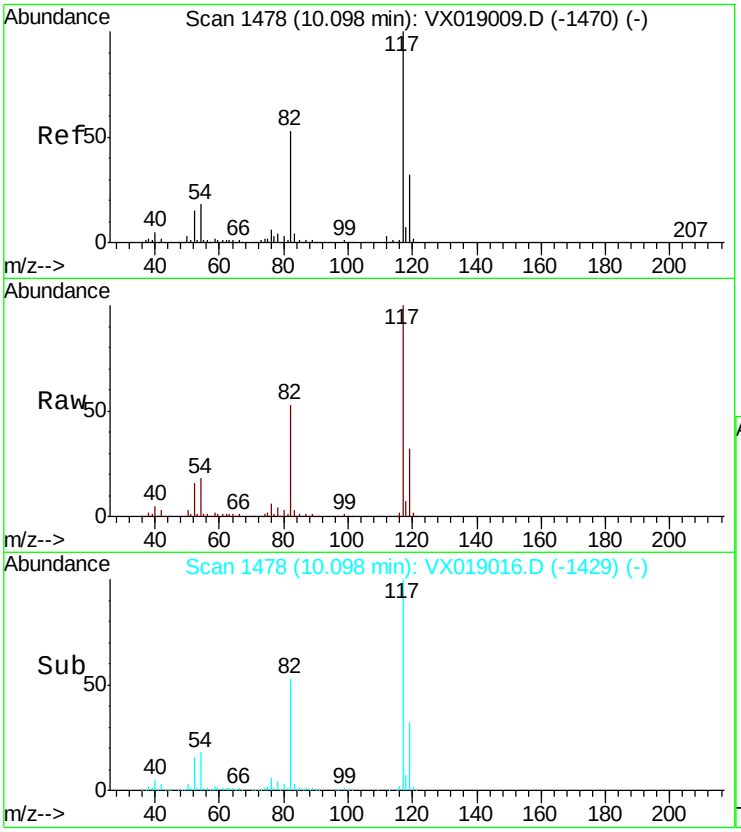


#62
4-Bromofluorobenzene
Concen: 44.464 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX019016.D
Acq: 22 Oct 2020 11:09

Tgt Ion: 95 Resp: 147979

Ion	Ratio	Lower	Upper
95	100		
174	81.7	0.0	167.6
176	80.0	0.0	165.2



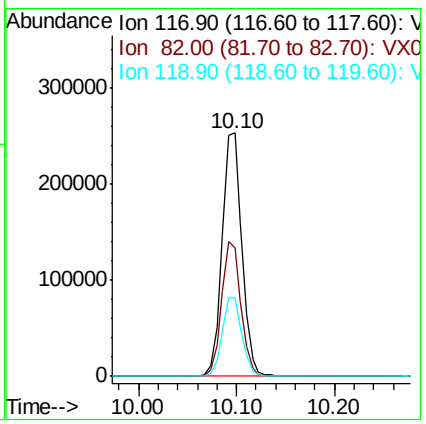


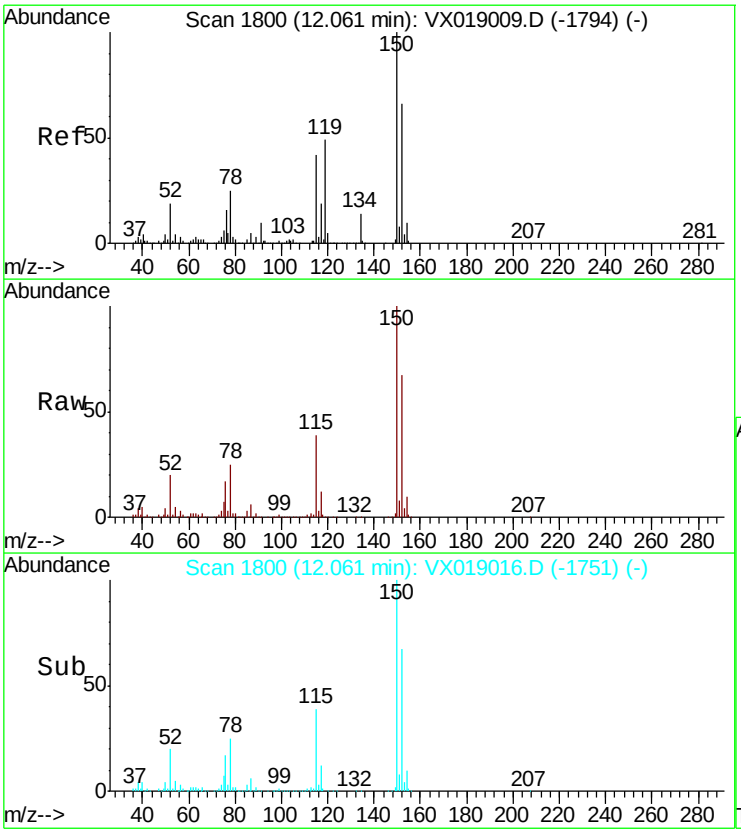
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX019016.D
Acq: 22 Oct 2020 11:09

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2020

Tgt Ion:117 Resp: 354371

Ion	Ratio	Lower	Upper
117	100		
82	52.8	42.4	63.6
119	32.4	25.6	38.4

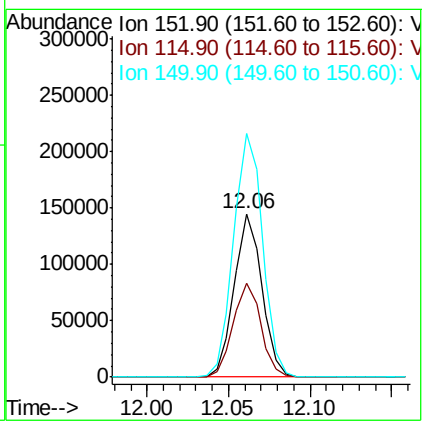


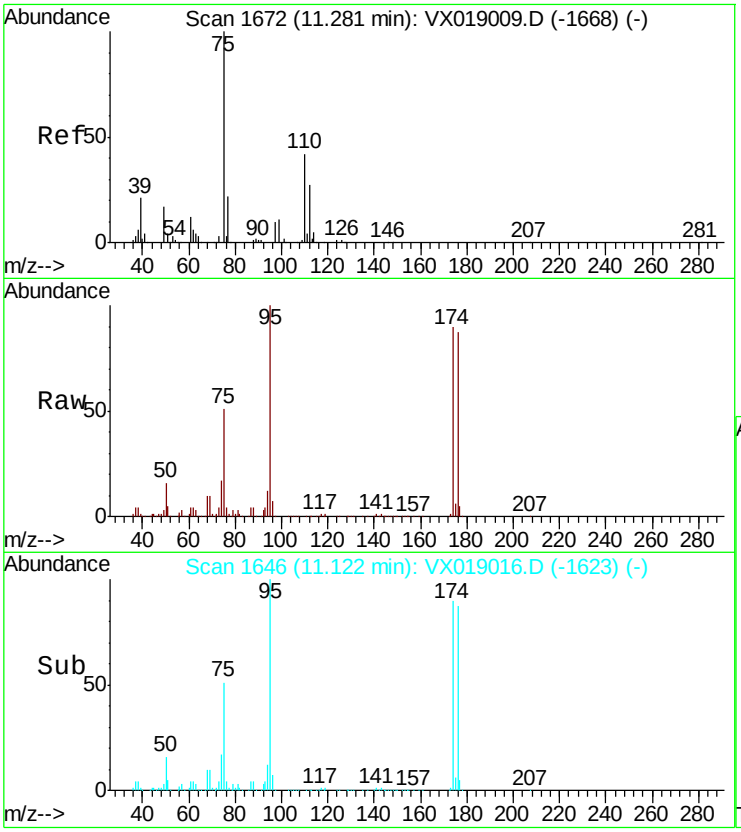


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VX019016.D
Acq: 22 Oct 2020 11:09

Tgt Ion:152 Resp: 171602

Ion	Ratio	Lower	Upper
152	100		
115	58.4	40.8	122.5
150	156.5	0.0	345.6



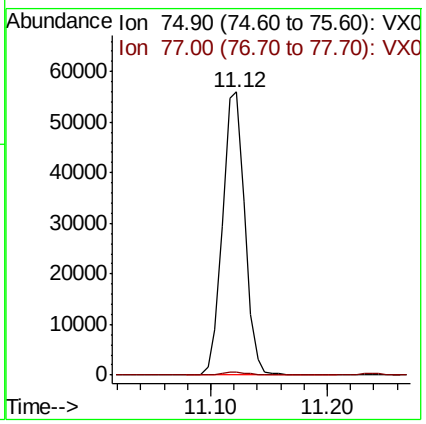


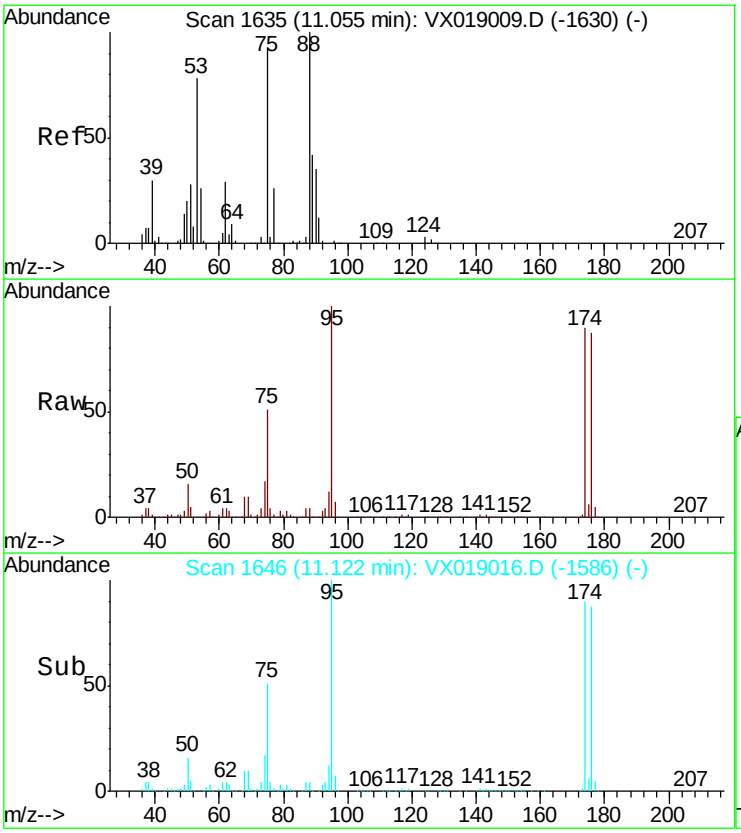
#76
1,2,3-Trichloropropane
Concen: 21.559 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.16 min
Lab File: VX019016.D
Acq: 22 Oct 2020 11:09

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2020

Tgt Ion: 75 Resp: 73944

Ion	Ratio	Lower	Upper
75	100		
77	1.3	20.7	62.1#





#81
trans-1,4-Dichloro-2-butene
Concen: 54.928 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.07 min
Lab File: VX019016.D
Acq: 22 Oct 2020 11:09

Tgt Ion: 75 Resp: 73944

Ion	Ratio	Lower	Upper
75	100		
53	0.0	67.4	101.2#
89	0.1	37.2	55.8#