Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU072718\
Data File : VU025668.D
Acq On : 27 Jul 2018 14:48
Operator : MD/SY
Sample : J3762-09 MDL 0.2PPB
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : MDL-WATER-03-QT3-2018

Quant Time: Jul 28 03:34:52 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U072718W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 27 13:11:52 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	4.99	168	158800	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	5.89	114	241772	50.00	ug/l		0.00
63) Chlorobenzene-d5	9.09	117	229645	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	131893	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	5.31	65	129322	52.27	ug/l		0.00
Spiked Amount 50.000			Recovery = 104.54%				
35) Dibromofluoromethane	4.89	113	104568	49.73	ug/l		0.00
Spiked Amount 50.000			Recovery = 99.46%				
50) Toluene-d8	7.57	98	361087	49.07	ug/l		0.00
Spiked Amount 50.000			Recovery = 98.14%				
62) 4-Bromofluorobenzene	10.31	95	130882	45.82	ug/l		0.00
Spiked Amount 50.000			Recovery = 91.64%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.21	85	522	0.22	ug/l		77
3) Chloromethane	1.33	50	541	0.24	ug/l		95
4) Vinyl Chloride	1.40	62	506	0.23	ug/l	#	43
5) Bromomethane	1.63	94	355	0.34	ug/l	#	47
8) Diethyl Ether	2.11	74	265	0.23	ug/l	#	33
9) 1,1,2-Trichlorotrifluoroet	2.29	101	605	0.33	ug/l	#	64
10) Methyl Iodide	2.41	142	75	8.63	ug/l	#	39
11) Tert butyl alcohol	2.83	59	1288	2.38	ug/l	#	73
12) 1,1-Dichloroethene	2.28	96	413	0.24	ug/l	#	85
13) Acrolein	2.20	56	454	0.28	ug/l	#	43
14) Allyl chloride	2.59	41	806	0.26	ug/l	#	88
15) Acrylonitrile	2.95	53	1004	0.93	ug/l	#	84
16) Acetone	2.33	43	1897	1.57	ug/l		95
17) Carbon Disulfide	2.48	76	2964	0.54	ug/l	#	89
18) Methyl Acetate	2.61	43	661	0.23	ug/l	#	67
20) Methylene Chloride	2.70	84	618	0.29	ug/l	#	78
21) trans-1,2-Dichloroethene	2.98	96	722	0.37	ug/l	#	80
23) Vinyl Acetate	3.54	43	5059	0.96	ug/l	#	93
25) 2-Butanone	4.27	43	1121	0.68	ug/l		95
26) 2,2-Dichloropropane	4.24	77	730	0.22	ug/l	#	53
29) Tetrahydrofuran	4.64	42	445	0.45	ug/l	#	84
30) Chloroform	4.68	83	795	0.21	ug/l	#	83
31) Cyclohexane	4.99	56	3354	Below Cal		#	7
36) 1,1-Dichloropropene	4.99	75	11376	4.03	ug/l	#	49
39) Methylcyclohexane	6.42	83	918	0.28	ug/l		92
40) Benzene	5.40	78	1677	0.20	ug/l	#	82
44) Trichloroethene	6.19	130	666	0.29	ug/l		89
49) 1,4-Dioxane	6.63	88	46	0.80	ug/l	#	22
51) 4-Methyl-2-Pentanone	7.46	43	2660	0.88	ug/l		93
57) 1,3-Dichloropropane	8.25	76	738	0.21	ug/l	#	72
58) 2-Chloroethyl Vinyl ether	7.14	63	932	7.73	ug/l		92
59) 2-Hexanone	8.37	43	2309	0.97	ug/l		80
65) Chlorobenzene	9.12	112	1424	0.24	ug/l		95
67) Ethyl Benzene	9.26	91	2508	0.26	ug/l		96

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU072718\
Data File : VU025668.D
Acq On : 27 Jul 2018 14:48
Operator : MD/SY
Sample : J3762-09 MDL 0.2PPB
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : MDL-WATER-03-QT3-2018

Quant Time: Jul 28 03:34:52 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U072718W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 27 13:11:52 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
68) m/p-Xylenes	9.38	106	1739	0.46	ug/l		98
70) Styrene	9.80	104	1308	0.22	ug/l	#	84
73) Isopropylbenzene	10.17	105	1973	0.22	ug/l		91
74) N-amyl acetate	10.02	43	852	0.23	ug/l	#	60
76) 1,2,3-Trichloropropane	10.31	75	65771	22.63	ug/l	#	36
77) Bromobenzene	10.46	156	611	0.25	ug/l		76
78) n-propylbenzene	10.59	91	3034	0.29	ug/l		99
79) 2-Chlorotoluene	10.66	91	1614	0.26	ug/l		87
80) 1,3,5-Trimethylbenzene	10.78	105	1772	0.23	ug/l		98
81) trans-1,4-Dichloro-2-buten	10.31	75	65771	56.75	ug/l	#	100
82) 4-Chlorotoluene	10.78	91	1971	0.27	ug/l		93
85) sec-Butylbenzene	11.33	105	2197	0.24	ug/l		94
86) p-Isopropyltoluene	11.48	119	2035	0.25	ug/l	#	82
87) 1,3-Dichlorobenzene	11.42	146	1582	0.34	ug/l		93
88) 1,4-Dichlorobenzene	11.42	146	1582	0.33	ug/l		94
89) n-Butylbenzene	11.90	91	2149	0.28	ug/l		86
91) 1,2-Dichlorobenzene	11.89	146	1270	0.28	ug/l		93
93) 1,2,4-Trichlorobenzene	13.52	180	895	0.29	ug/l		86
94) Hexachlorobutadiene	13.69	225	366	0.23	ug/l		77
95) Naphthalene	13.76	128	1378	1.39	ug/l	#	93
96) 1,2,3-Trichlorobenzene	14.00	180	864	0.28	ug/l		80

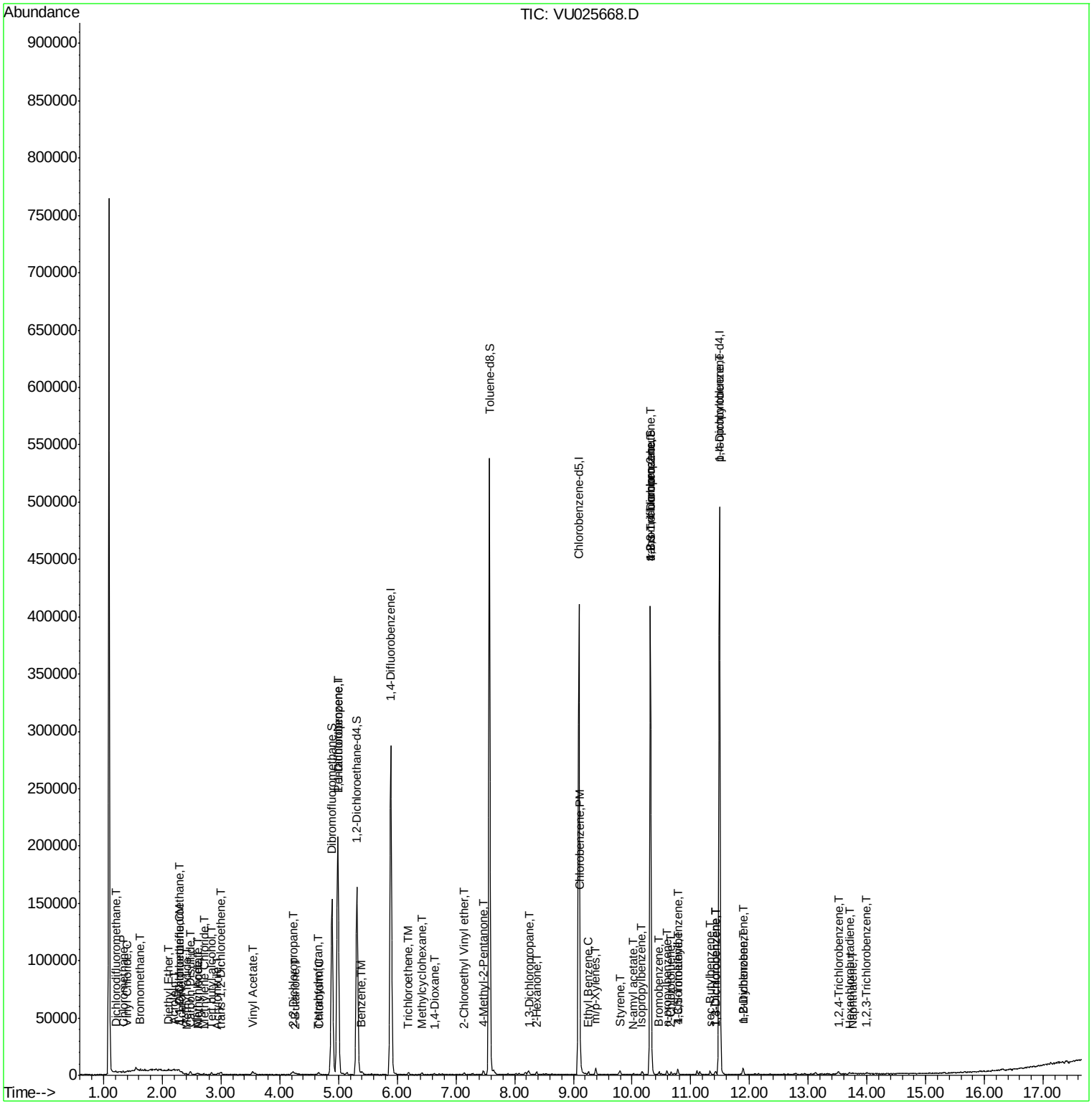
(#) = qualifier out of range (m) = manual integration (+) = signals summed

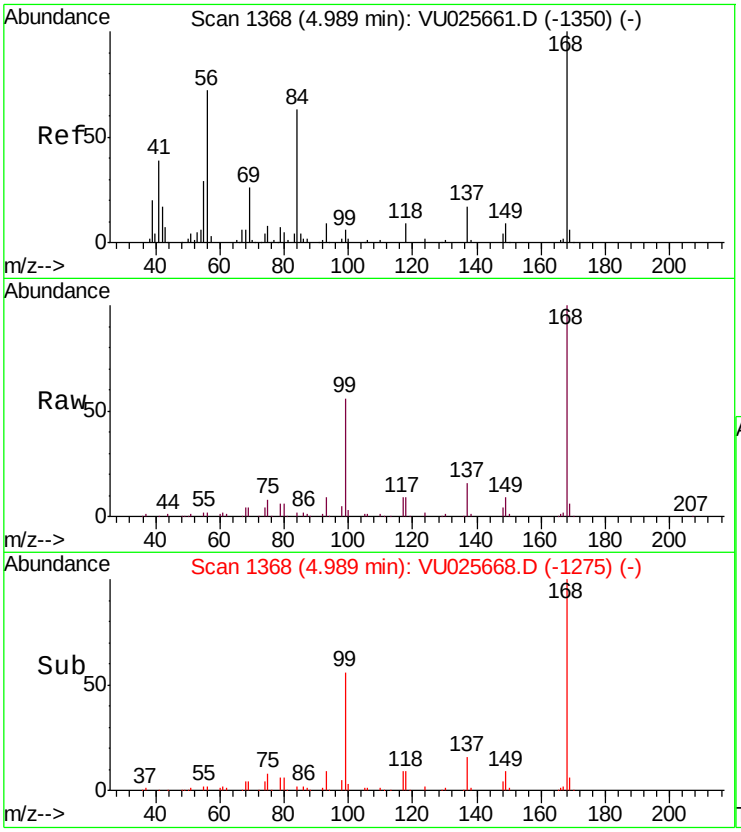
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU072718\
Data File : VU025668.D
Acq On : 27 Jul 2018 14:48
Operator : MD/SY
Sample : J3762-09 MDL 0.2PPB
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : MDL-WATER-03-QT3-2018

Quant Time: Jul 28 03:34:52 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U072718W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 27 13:11:52 2018
Response via : Initial Calibration



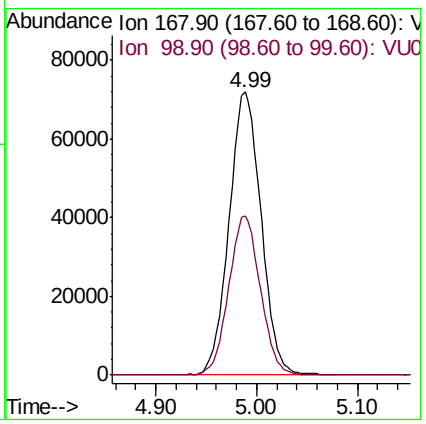


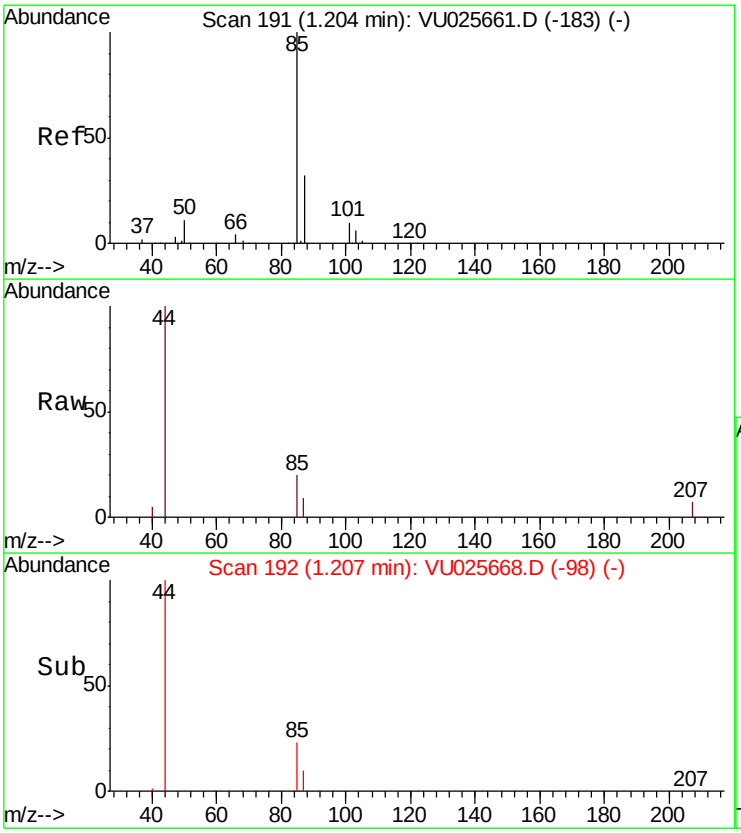
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 4.99 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VU025668.D
Acq: 27 Jul 2018 14:48

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2018

Tgt Ion:168 Resp: 158800

Ion	Ratio	Lower	Upper
168	100		
99	56.3	42.8	64.2

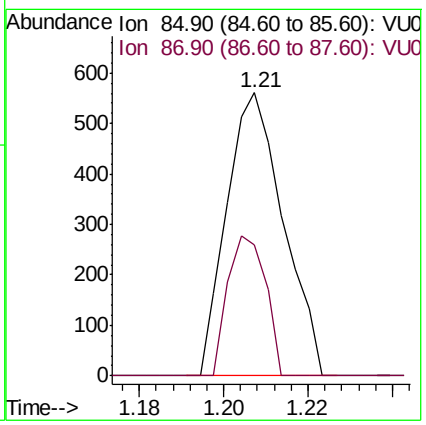


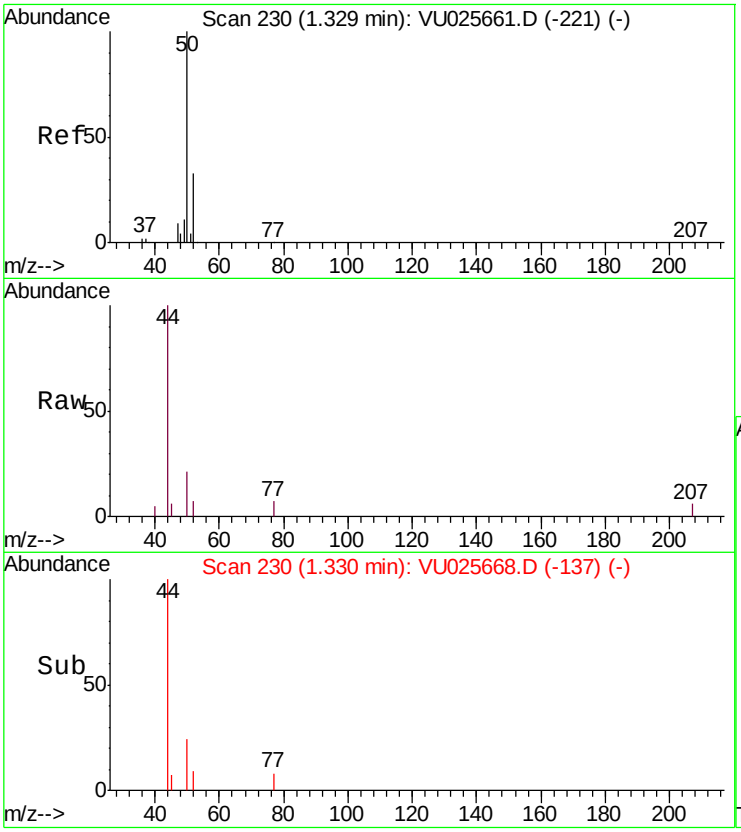


#2
Dichlorodifluoromethane
Concen: 0.22 ug/l
RT: 1.21 min Scan# 192
Delta R.T. 0.00 min
Lab File: VU025668.D
Acq: 27 Jul 2018 14:48

Tgt Ion: 85 Resp: 522

Ion	Ratio	Lower	Upper
85	100		
87	46.2	16.5	49.5



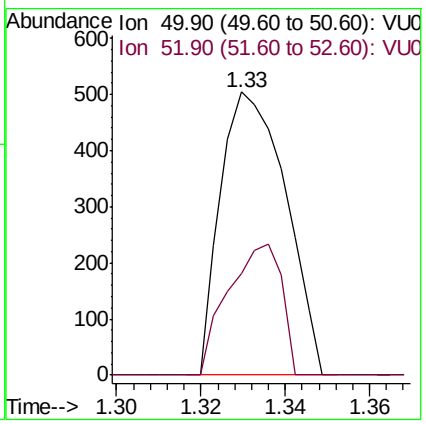


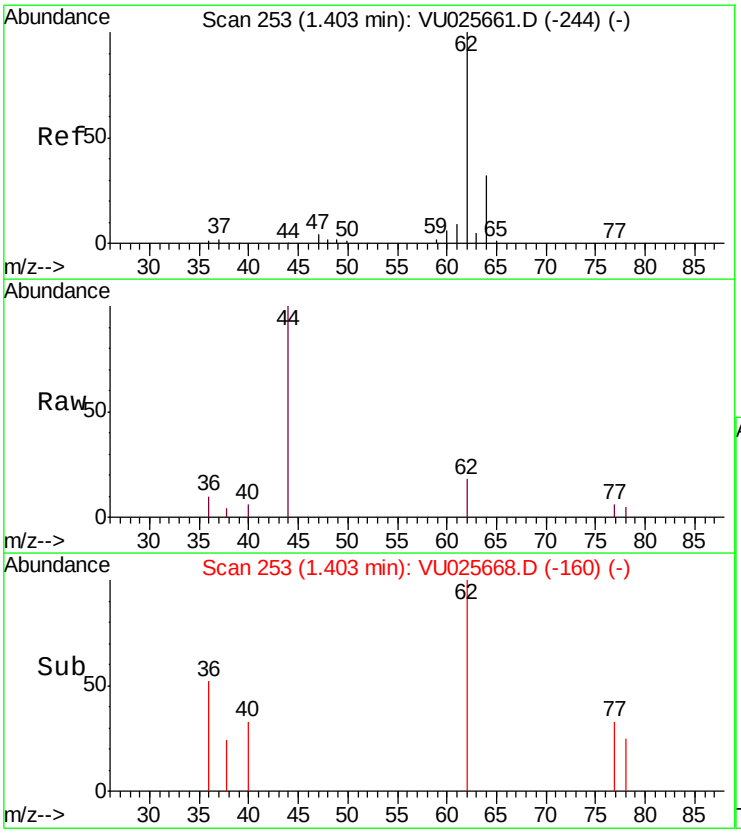
#3
Chloromethane
Concen: 0.24 ug/l
RT: 1.33 min Scan# 230
Delta R.T. 0.00 min
Lab File: VU025668.D
Acq: 27 Jul 2018 14:48

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2018

Tgt Ion: 50 Resp: 541

Ion	Ratio	Lower	Upper
50	100		
52	35.9	26.5	39.7

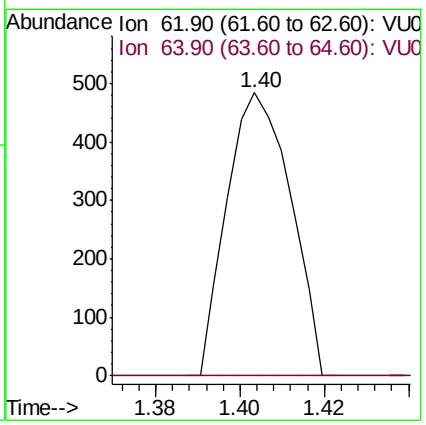


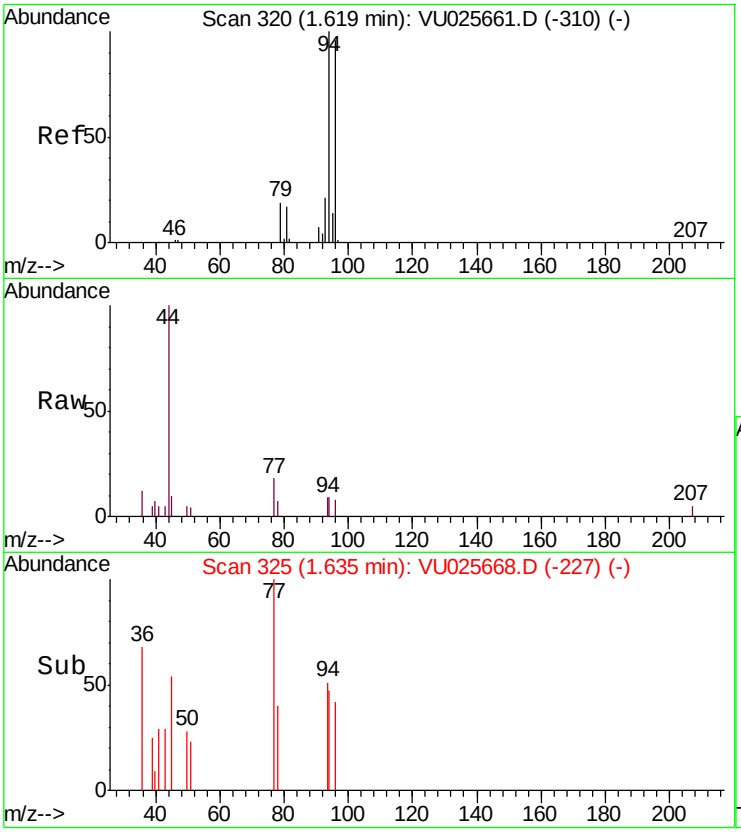


#4
Vinyl Chloride
Concen: 0.23 ug/l
RT: 1.40 min Scan# 253
Delta R.T. 0.00 min
Lab File: VU025668.D
Acq: 27 Jul 2018 14:48

Tgt Ion: 62 Resp: 506

Ion	Ratio	Lower	Upper
62	100		
64	0.0	25.4	38.0#



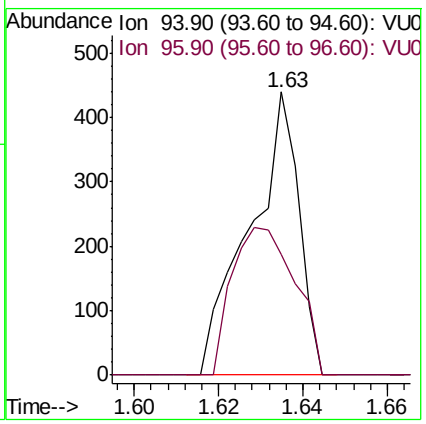


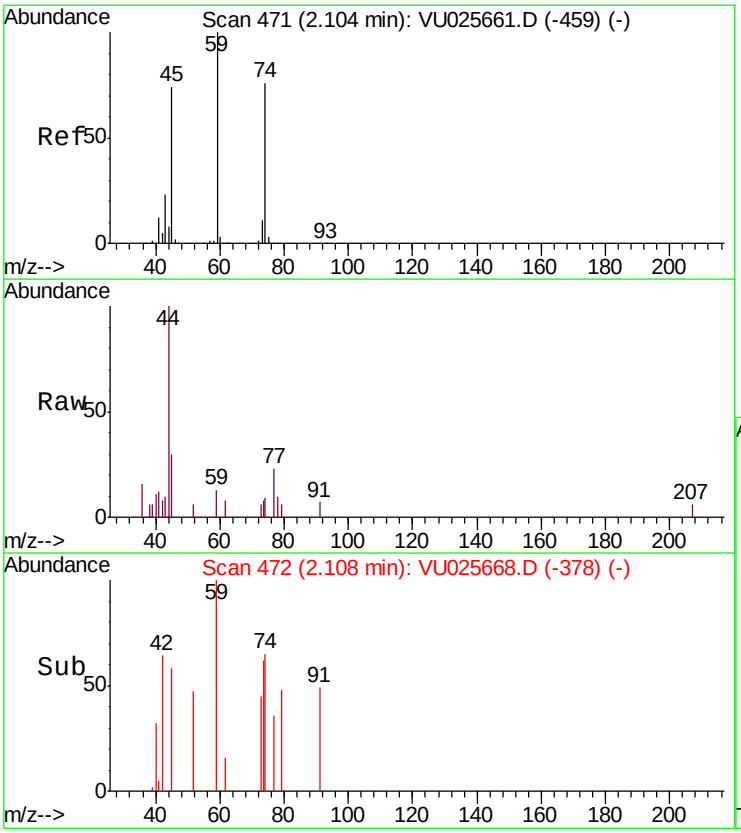
#5
Bromomethane
Concen: 0.34 ug/l
RT: 1.63 min Scan# 325
Delta R.T. 0.02 min
Lab File: VU025668.D
Acq: 27 Jul 2018 14:48

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2018

Tgt Ion: 94 Resp: 355

Ion	Ratio	Lower	Upper
94	100		
96	42.8	75.0	112.4#

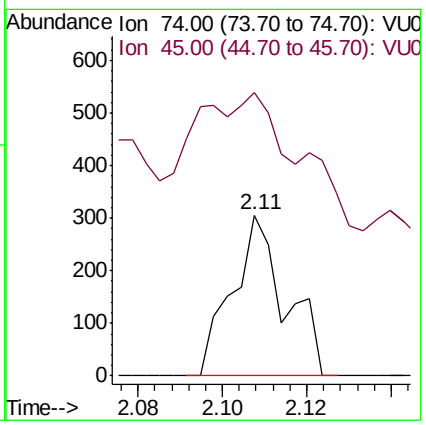


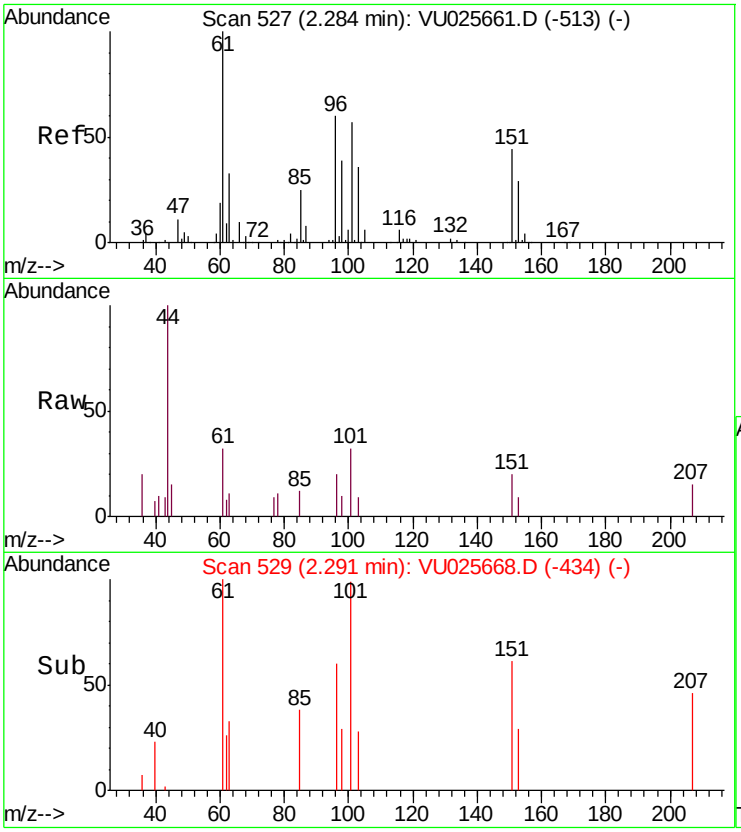


#8
Diethyl Ether
Concen: 0.23 ug/l
RT: 2.11 min Scan# 472
Delta R.T. 0.00 min
Lab File: VU025668.D
Acq: 27 Jul 2018 14:48

Tgt Ion: 74 Resp: 265

Ion	Ratio	Lower	Upper
74	100		
45	30.9	48.3	144.9#



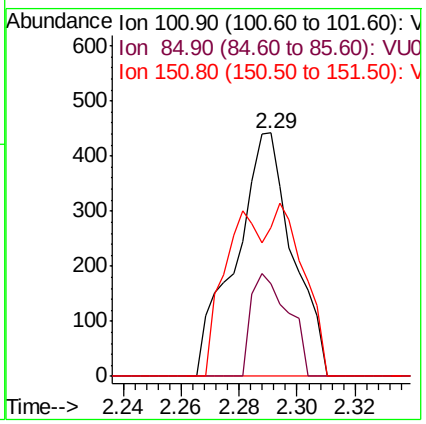


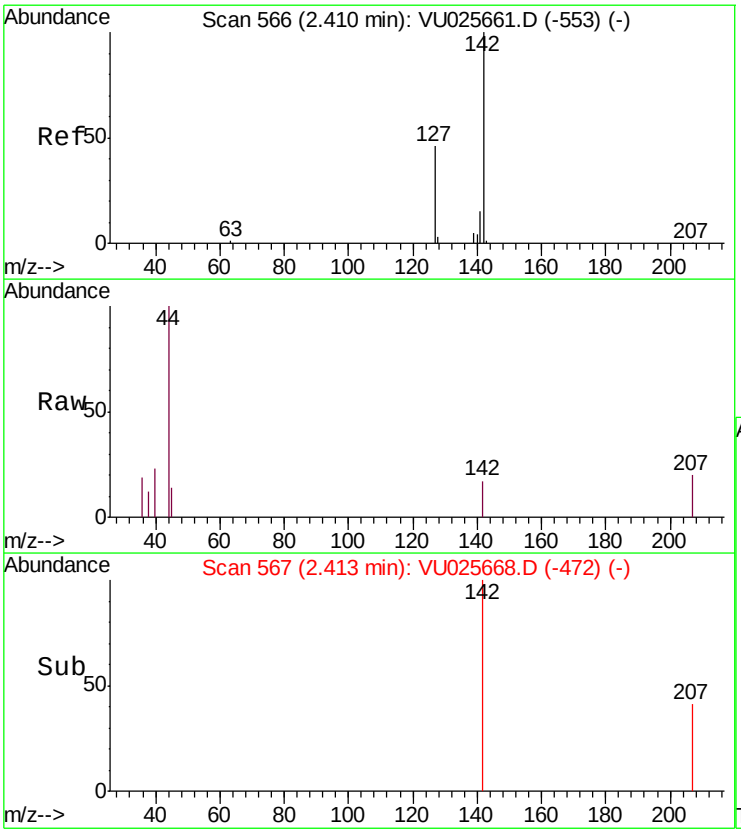
#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.33 ug/l
RT: 2.29 min Scan# 529
Delta R.T. 0.01 min
Lab File: VU025668.D
Acq: 27 Jul 2018 14:48

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2018

Tgt Ion:101 Resp: 605

Ion	Ratio	Lower	Upper
101	100		
85	27.3	36.0	54.0#
151	45.1	65.6	98.4#

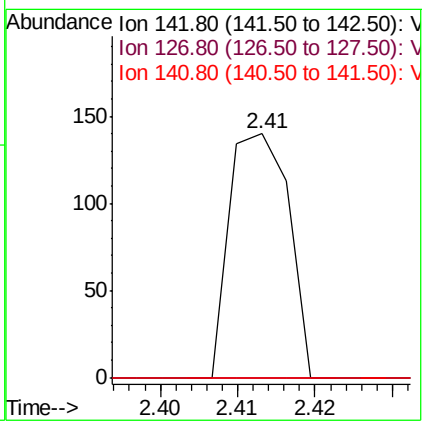


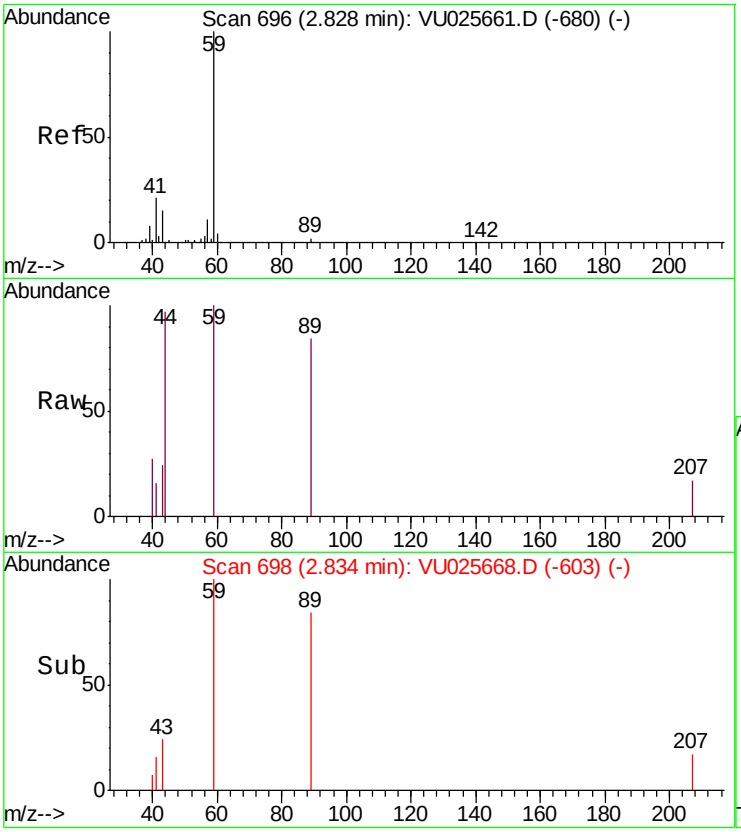


#10
Methyl Iodide
Concen: 8.63 ug/l
RT: 2.41 min Scan# 567
Delta R.T. 0.00 min
Lab File: VU025668.D
Acq: 27 Jul 2018 14:48

Tgt Ion:142 Resp: 75

Ion	Ratio	Lower	Upper
142	100		
127	0.0	36.5	54.7#
141	0.0	11.4	17.2#



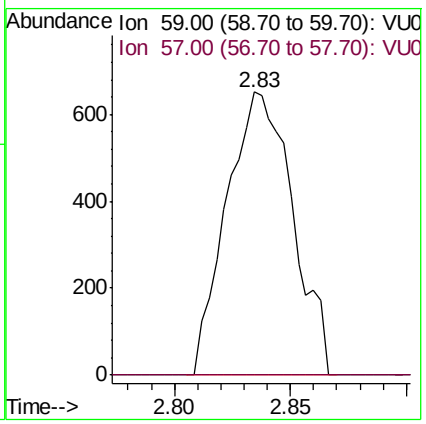


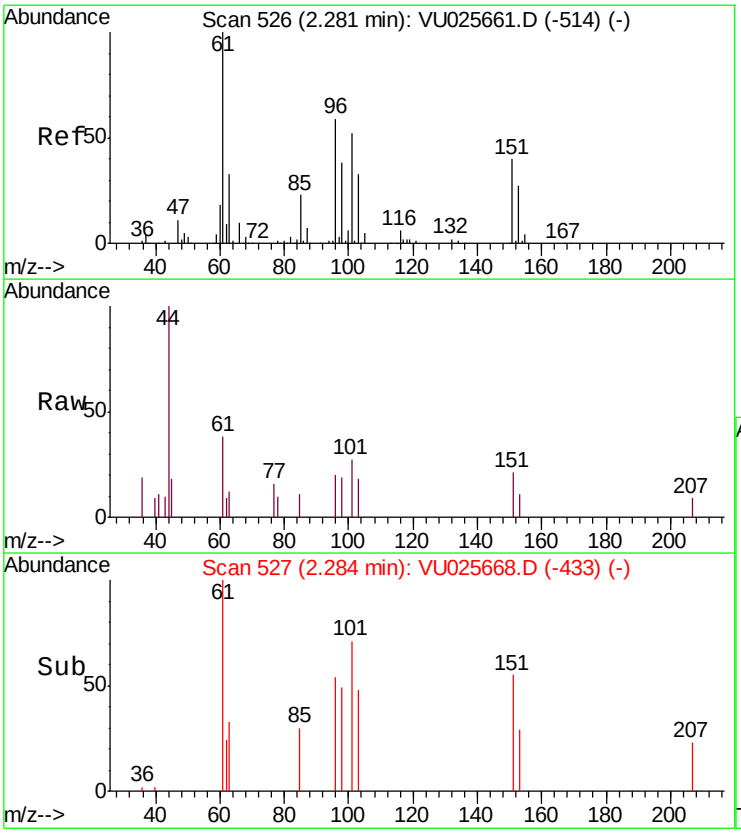
#11
Tert butyl alcohol
Concen: 2.38 ug/l
RT: 2.83 min Scan# 698
Delta R.T. 0.01 min
Lab File: VU025668.D
Acq: 27 Jul 2018 14:48

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2018

Tgt Ion: 59 Resp: 1288

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.2	12.2#

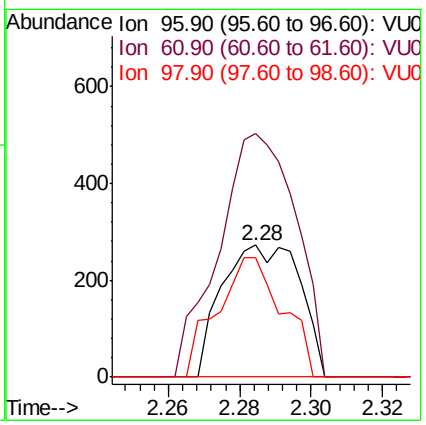


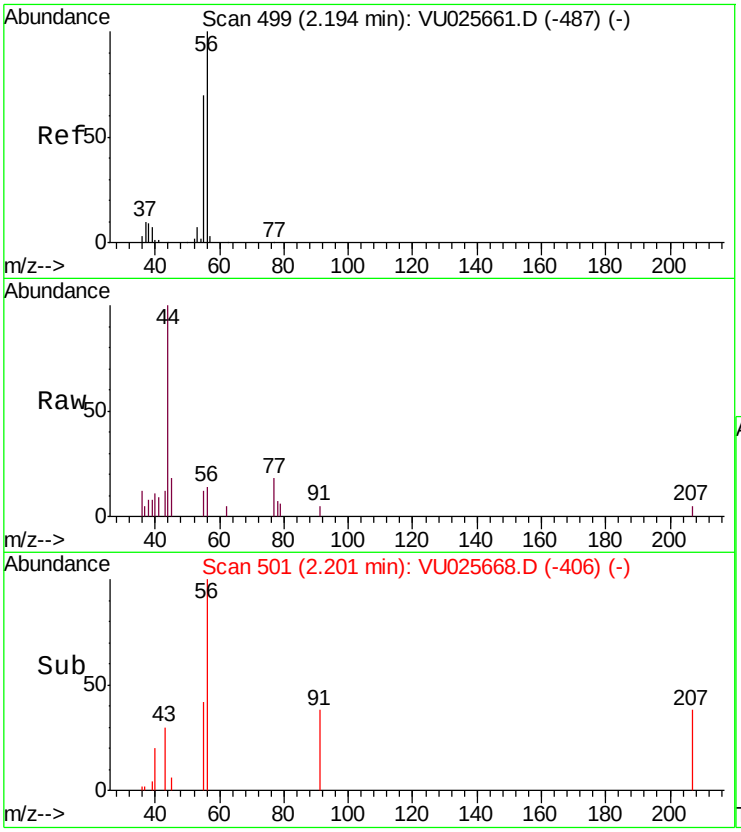


#12
1,1-Dichloroethene
Concen: 0.24 ug/l
RT: 2.28 min Scan# 527
Delta R.T. 0.00 min
Lab File: VU025668.D
Acq: 27 Jul 2018 14:48

Tgt Ion: 96 Resp: 413

Ion	Ratio	Lower	Upper
96	100		
61	184.9	140.2	210.4
98	91.2	49.3	73.9#



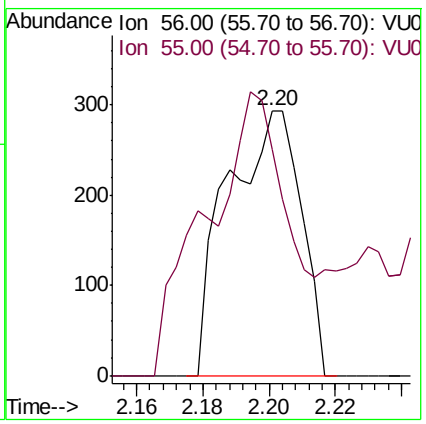


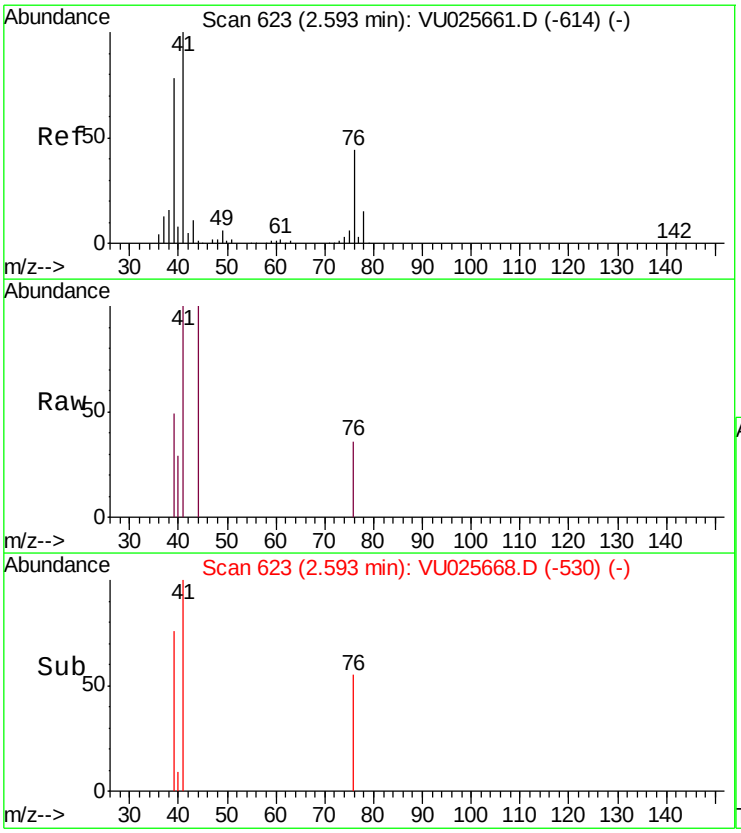
#13
Acrolein
Concen: 0.28 ug/l
RT: 2.20 min Scan# 501
Delta R.T. 0.01 min
Lab File: VU025668.D
Acq: 27 Jul 2018 14:48

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2018

Tgt Ion: 56 Resp: 454

Ion	Ratio	Lower	Upper
56	100		
55	118.9	57.2	85.8#

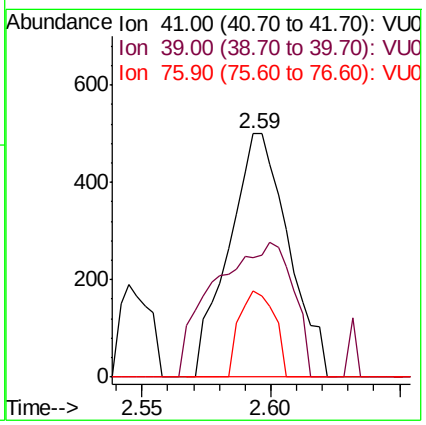


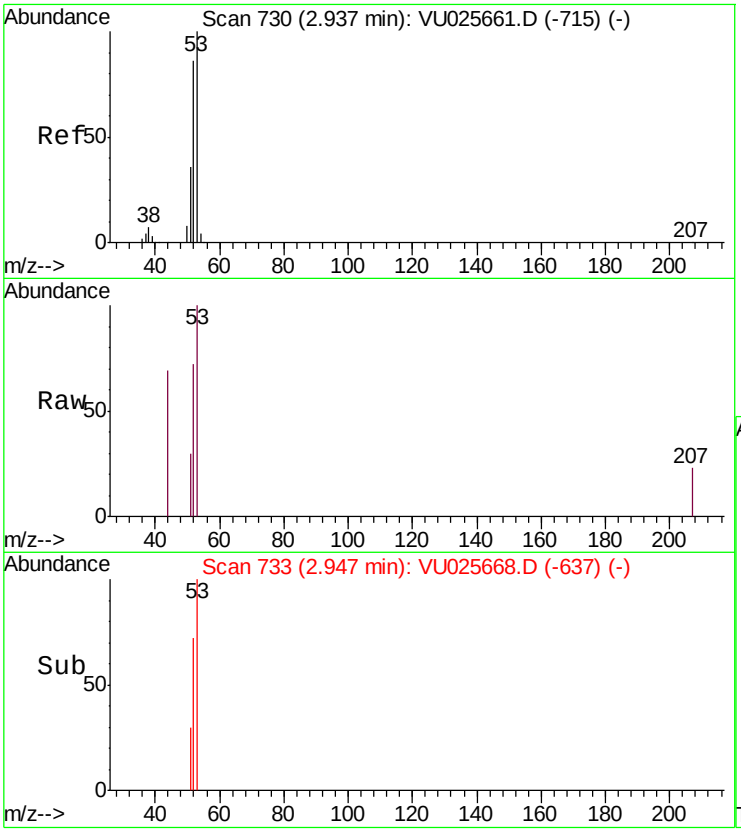


#14
Allyl chloride
Concen: 0.26 ug/l
RT: 2.59 min Scan# 623
Delta R.T. 0.00 min
Lab File: VU025668.D
Acq: 27 Jul 2018 14:48

Tgt Ion: 41 Resp: 806

Ion	Ratio	Lower	Upper
41	100		
39	73.4	60.6	91.0
76	20.6	30.5	45.7#



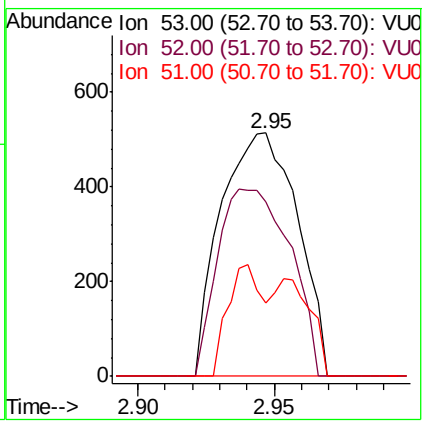


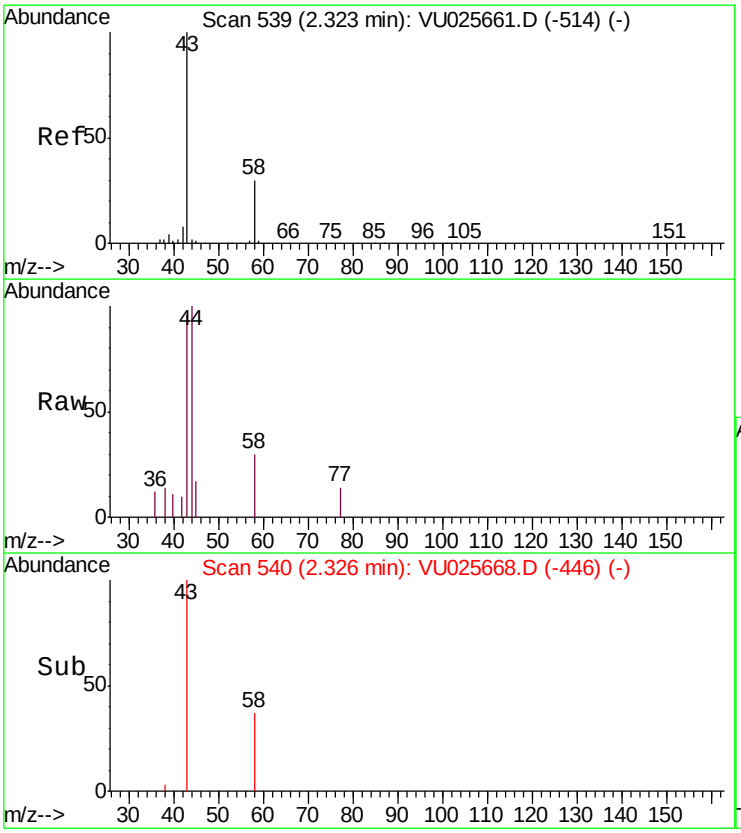
#15
Acrylonitrile
Concen: 0.93 ug/l
RT: 2.95 min Scan# 733
Delta R.T. 0.01 min
Lab File: VU025668.D
Acq: 27 Jul 2018 14:48

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2018

Tgt Ion: 53 Resp: 1004

Ion	Ratio	Lower	Upper
53	100		
52	72.6	66.6	99.8
51	20.7	29.4	44.2#

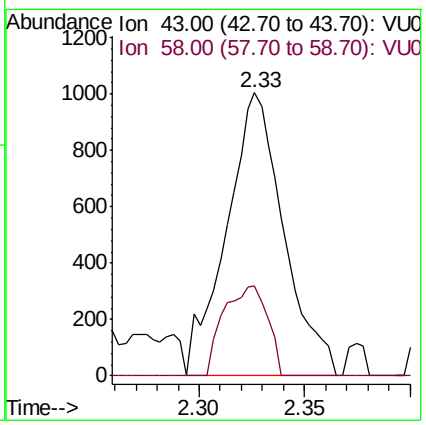


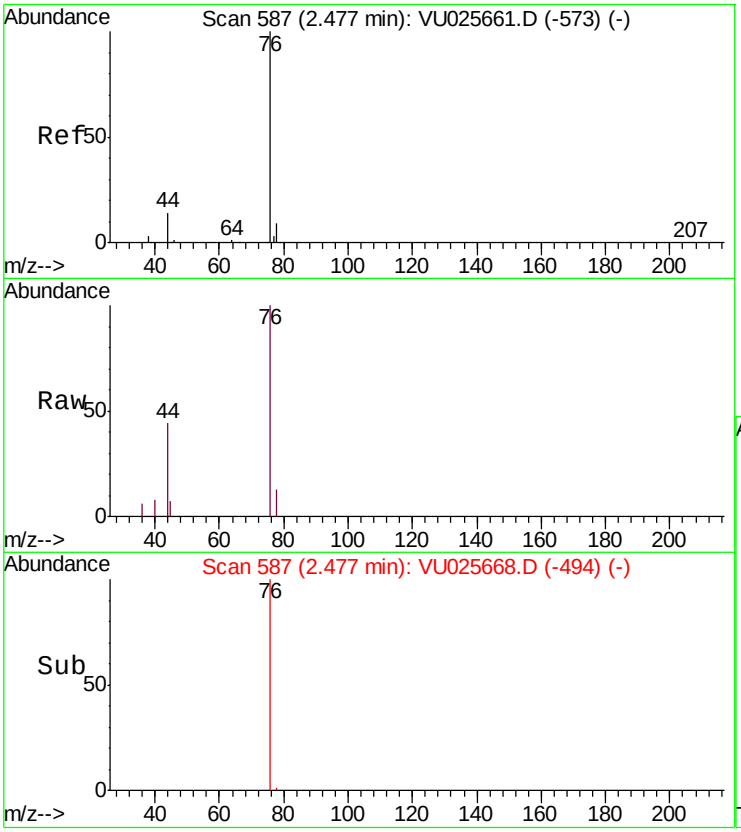


#16
Acetone
Concen: 1.57 ug/l
RT: 2.33 min Scan# 540
Delta R.T. 0.00 min
Lab File: VU025668.D
Acq: 27 Jul 2018 14:48

Tgt Ion: 43 Resp: 1897

Ion	Ratio	Lower	Upper
43	100		
58	31.7	23.1	34.7



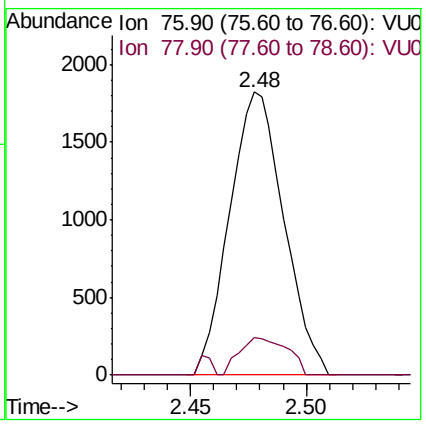


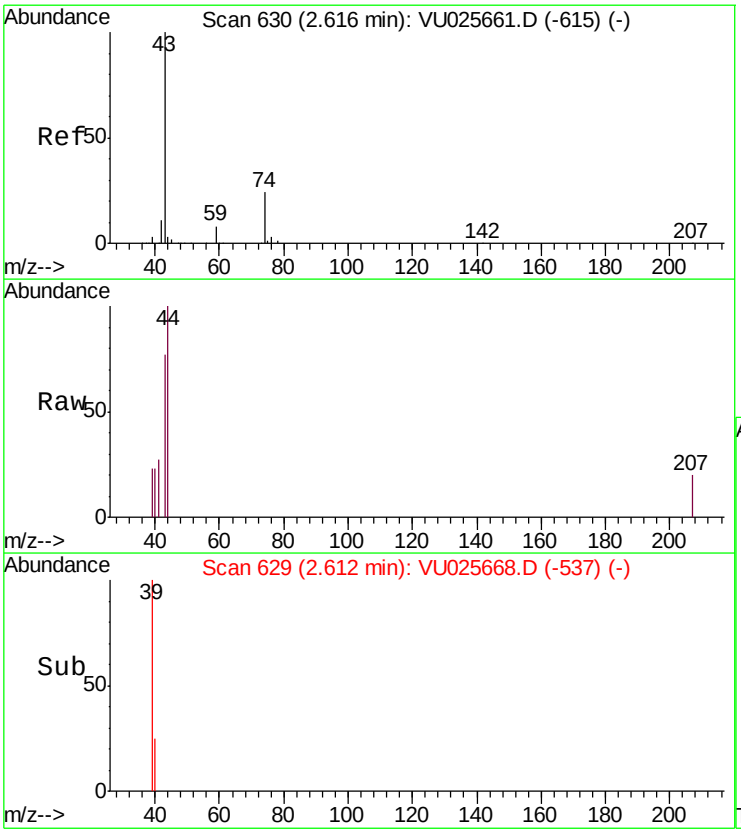
#17
Carbon Disulfide
Concen: 0.54 ug/l
RT: 2.48 min Scan# 587
Delta R.T. 0.00 min
Lab File: VU025668.D
Acq: 27 Jul 2018 14:48

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2018

Tgt Ion: 76 Resp: 2964

Ion	Ratio	Lower	Upper
76	100		
78	13.3	7.4	11.2#

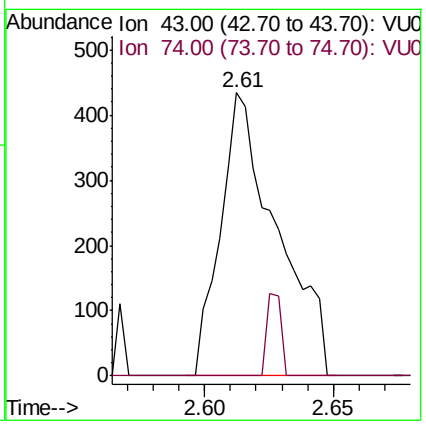


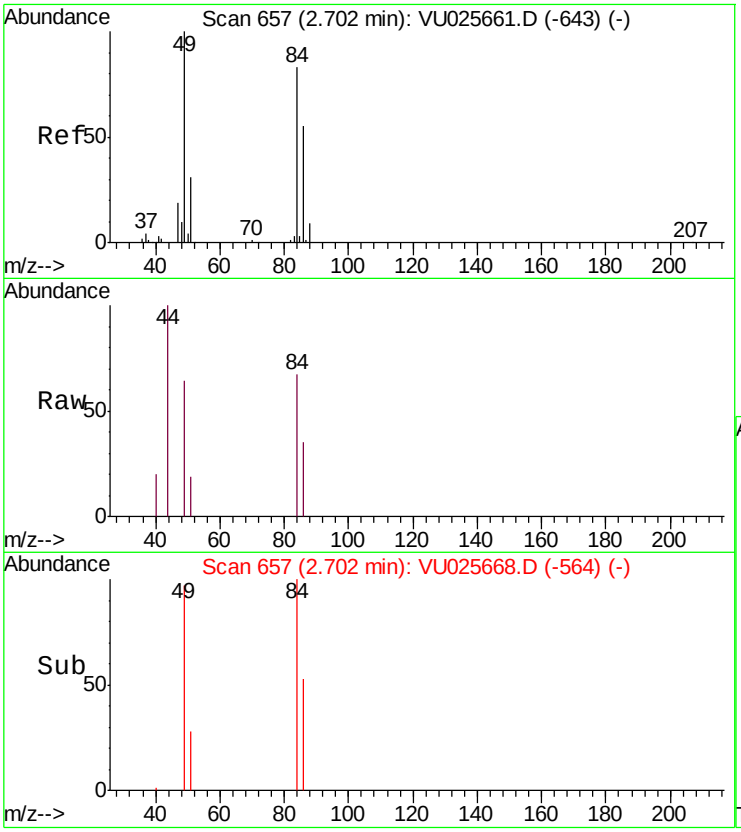


#18
Methyl Acetate
Concen: 0.23 ug/l
RT: 2.61 min Scan# 629
Delta R.T. -0.00 min
Lab File: VU025668.D
Acq: 27 Jul 2018 14:48

Tgt Ion: 43 Resp: 661

Ion	Ratio	Lower	Upper
43	100		
74	7.3	18.5	27.7#



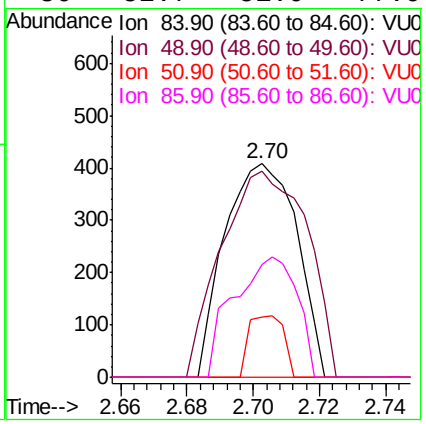


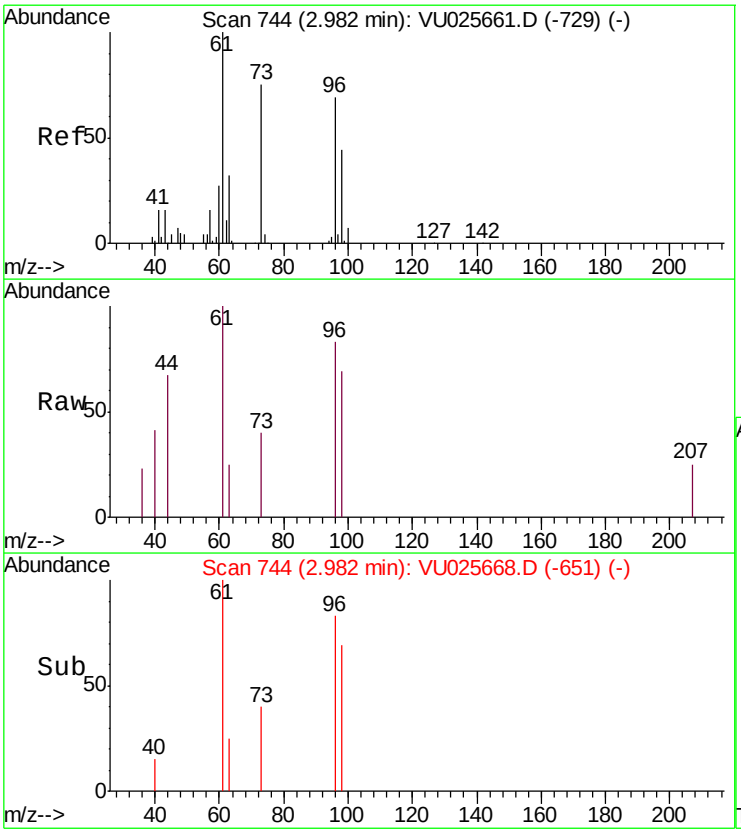
#20
Methylene Chloride
Concen: 0.29 ug/l
RT: 2.70 min Scan# 657
Delta R.T. 0.00 min
Lab File: VU025668.D
Acq: 27 Jul 2018 14:48

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2018

Tgt Ion: 84 Resp: 618

Ion	Ratio	Lower	Upper
84	100		
49	96.6	101.8	152.6#
51	28.2	30.8	46.2#
86	52.7	51.9	77.9

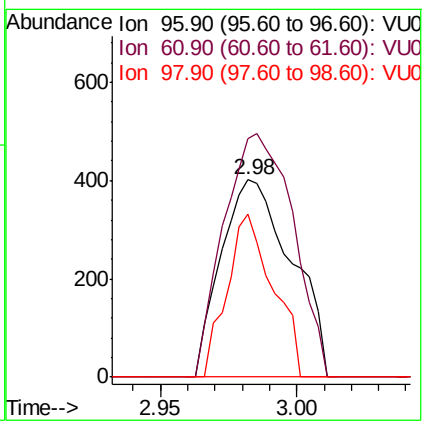


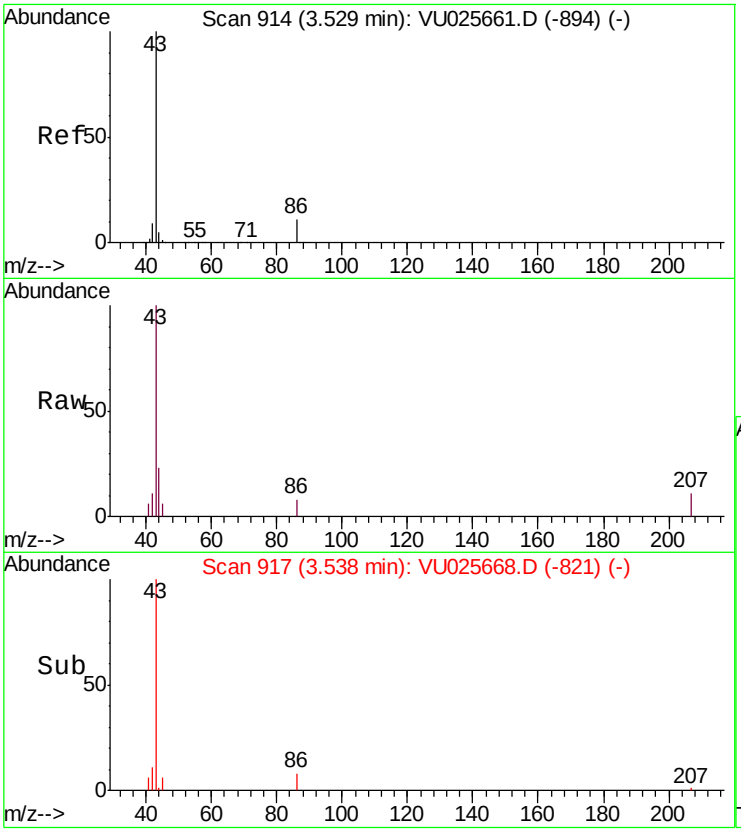


#21
trans-1,2-Dichloroethene
Concen: 0.37 ug/l
RT: 2.98 min Scan# 744
Delta R.T. 0.00 min
Lab File: VU025668.D
Acq: 27 Jul 2018 14:48

Tgt Ion: 96 Resp: 722

Ion	Ratio	Lower	Upper
96	100		
61	120.9	114.5	171.7
98	83.0	50.5	75.7#



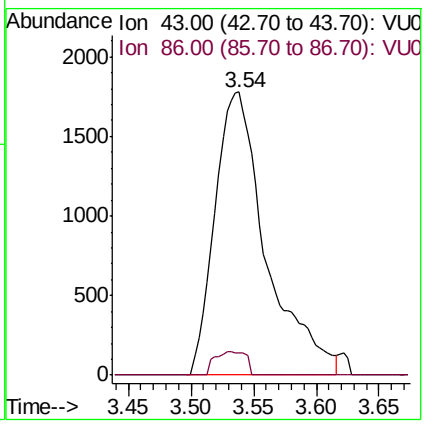


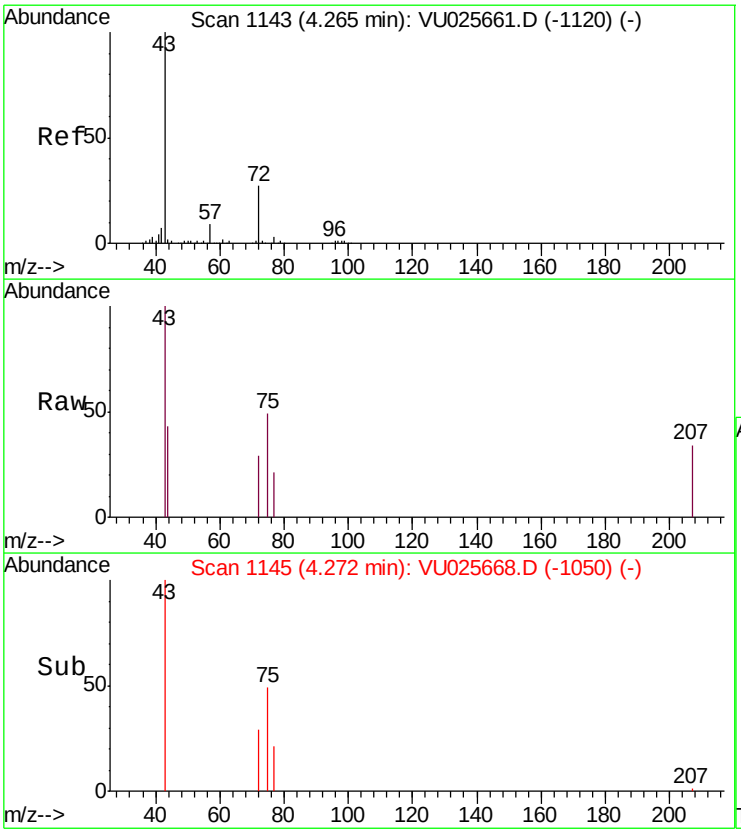
#23
Vinyl Acetate
Concen: 0.96 ug/l
RT: 3.54 min Scan# 917
Delta R.T. 0.01 min
Lab File: VU025668.D
Acq: 27 Jul 2018 14:48

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2018

Tgt Ion: 43 Resp: 5059

Ion	Ratio	Lower	Upper
43	100		
86	7.8	8.2	12.2#

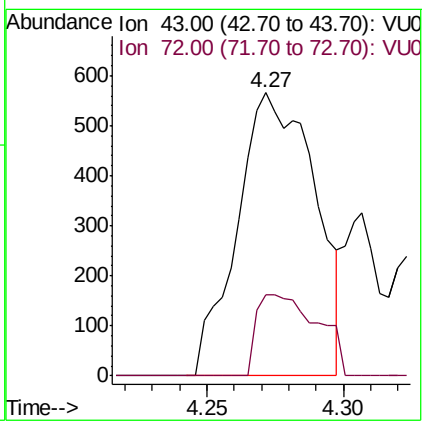


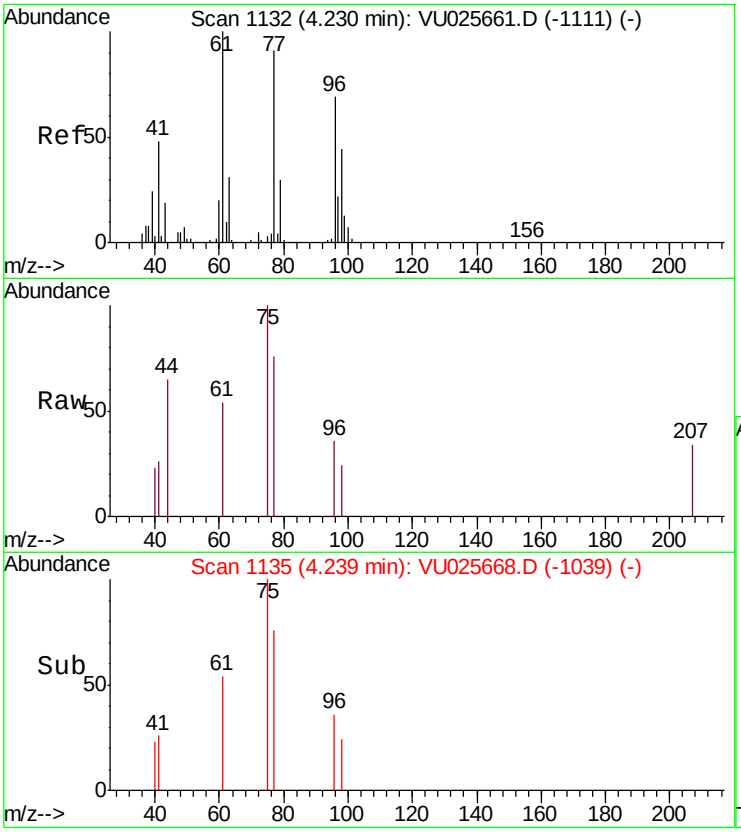


#25
2-Butanone
Concen: 0.68 ug/l
RT: 4.27 min Scan# 1145
Delta R.T. 0.01 min
Lab File: VU025668.D
Acq: 27 Jul 2018 14:48

Tgt Ion: 43 Resp: 1121

Ion	Ratio	Lower	Upper
43	100		
72	28.6	21.0	31.4



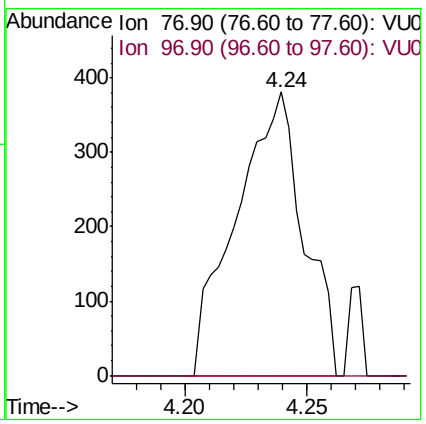


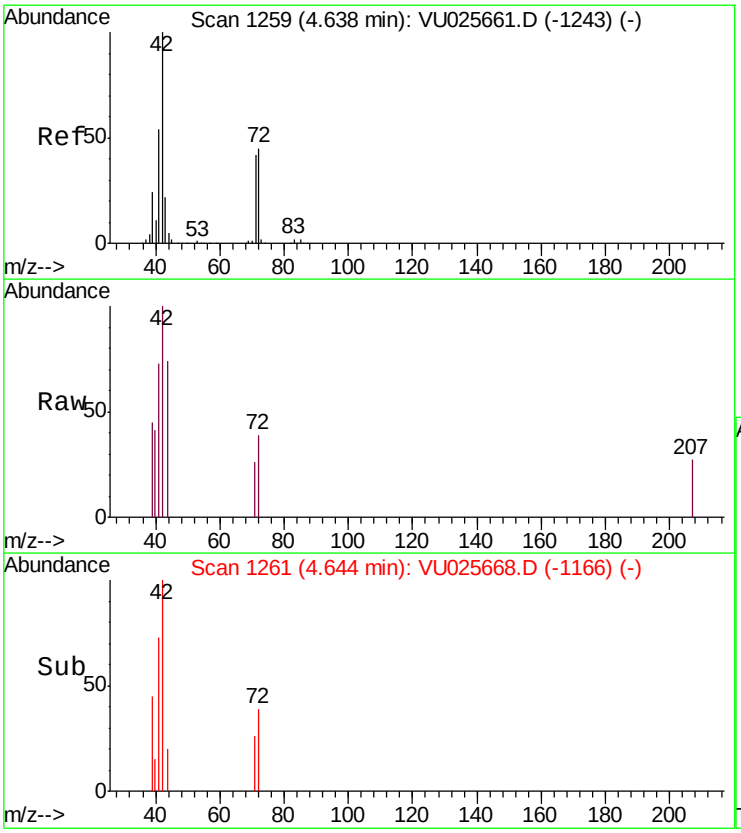
#26
2,2-Dichloropropane
Concen: 0.22 ug/l
RT: 4.24 min Scan# 1135
Delta R.T. 0.01 min
Lab File: VU025668.D
Acq: 27 Jul 2018 14:48

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2018

Tgt Ion: 77 Resp: 730

Ion	Ratio	Lower	Upper
77	100		
97	0.0	11.2	33.5#

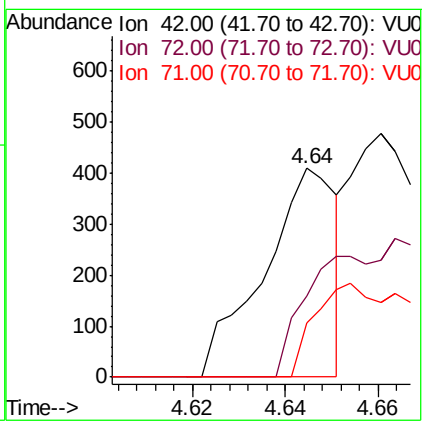


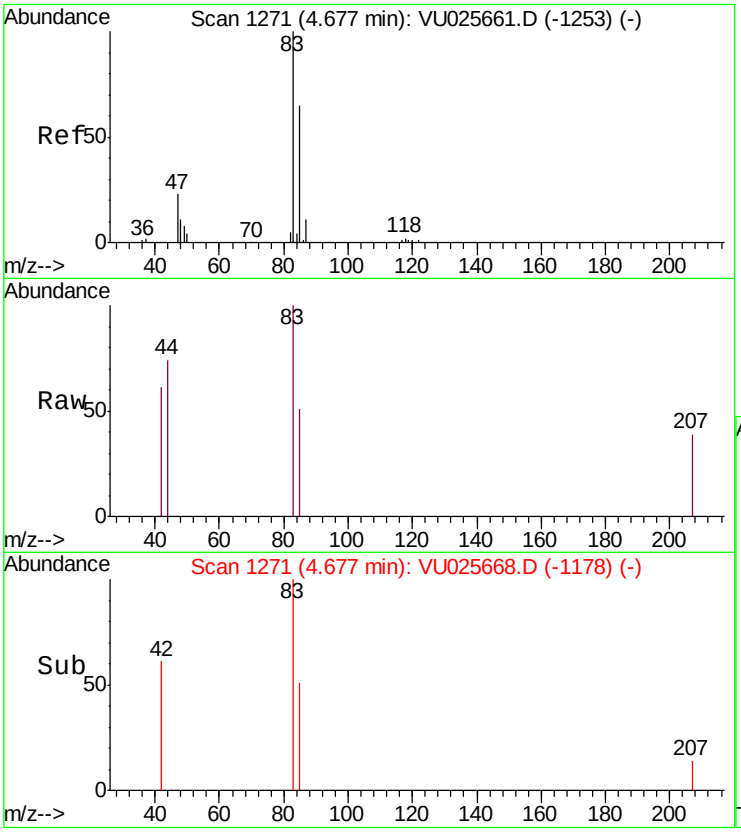


#29
Tetrahydrofuran
Concen: 0.45 ug/l
RT: 4.64 min Scan# 1261
Delta R.T. 0.01 min
Lab File: VU025668.D
Acq: 27 Jul 2018 14:48

Tgt Ion: 42 Resp: 445

Ion	Ratio	Lower	Upper
42	100		
72	51.5	36.7	55.1
71	57.3	33.9	50.9#



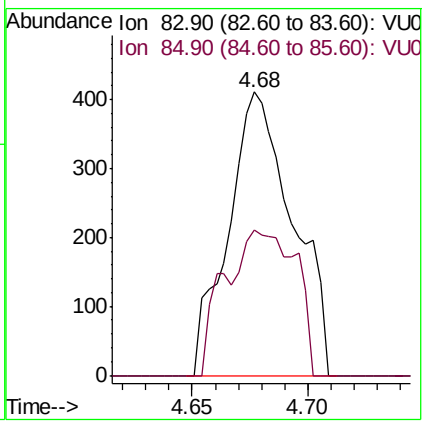


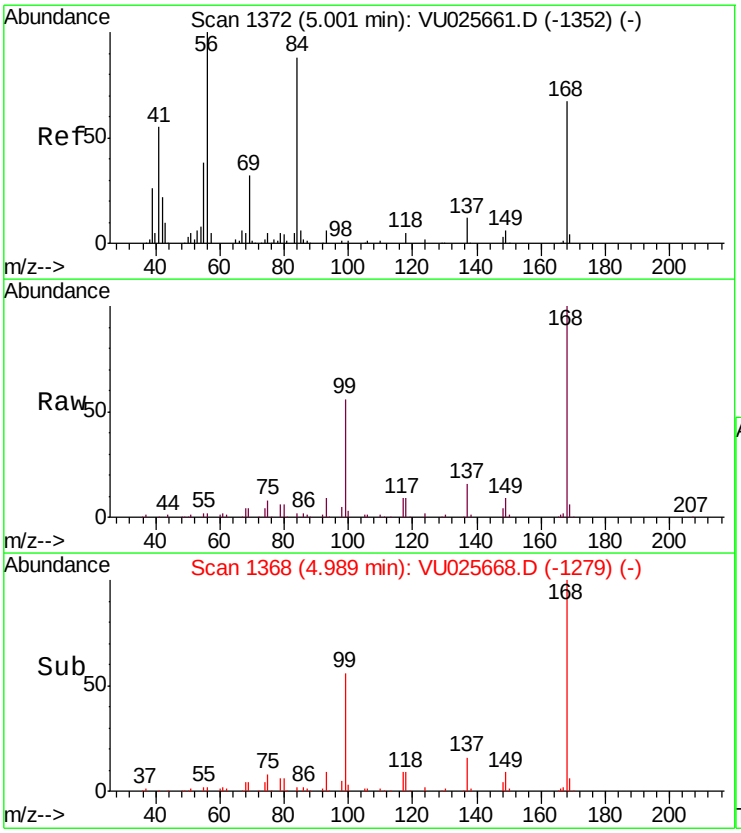
#30
Chloroform
Concen: 0.21 ug/l
RT: 4.68 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VU025668.D
Acq: 27 Jul 2018 14:48

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2018

Tgt Ion: 83 Resp: 795

Ion	Ratio	Lower	Upper
83	100		
85	51.1	51.5	77.3#

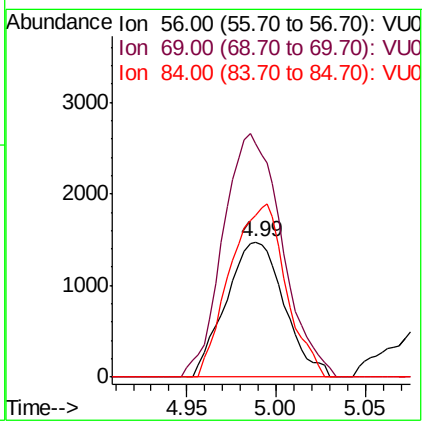


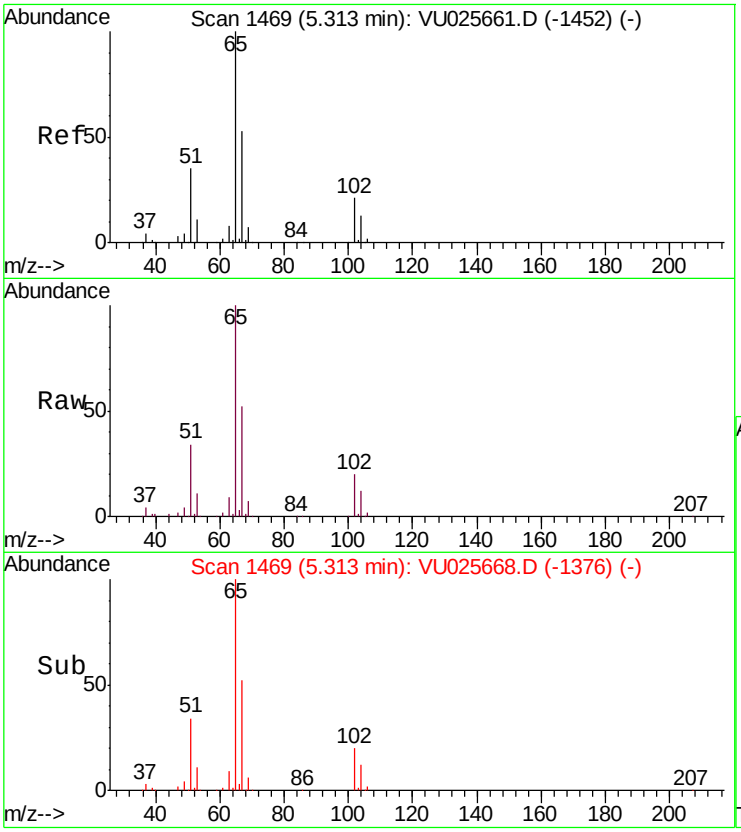


#31
Cyclohexane
Concen: Below Cal
RT: 4.99 min Scan# 1368
Delta R.T. -0.01 min
Lab File: VU025668.D
Acq: 27 Jul 2018 14:48

Tgt Ion: 56 Resp: 3354

Ion	Ratio	Lower	Upper
56	100		
69	172.8	26.8	40.2#
84	119.7	69.7	104.5#



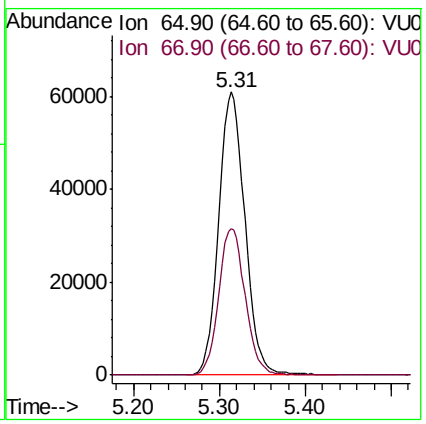


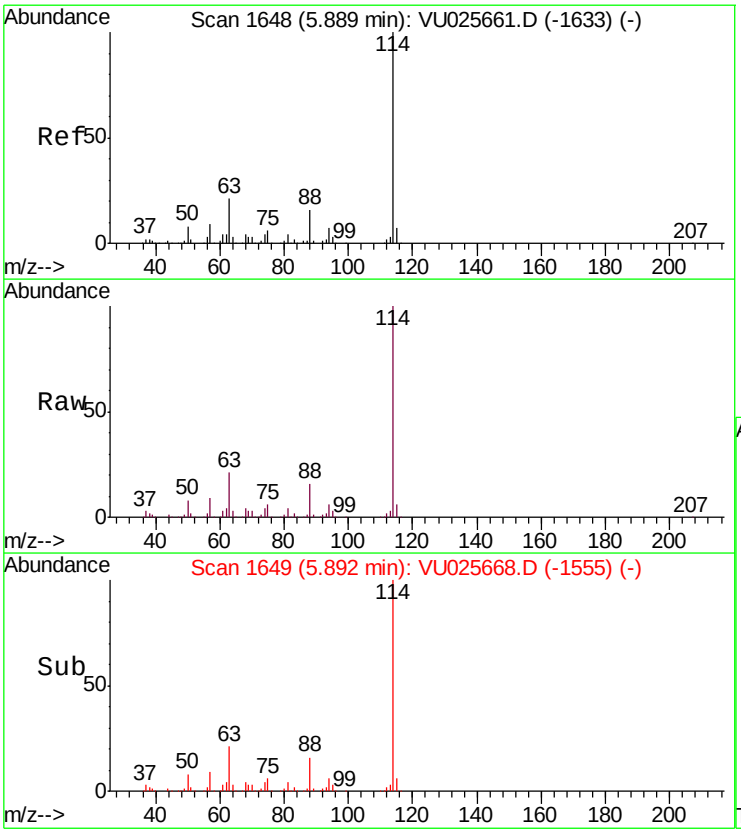
#33
1,2-Dichloroethane-d4
Concen: 52.27 ug/l
RT: 5.31 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VU025668.D
Acq: 27 Jul 2018 14:48

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2018

Tgt Ion: 65 Resp: 129322

Ion	Ratio	Lower	Upper
65	100		
67	52.5	0.0	103.6

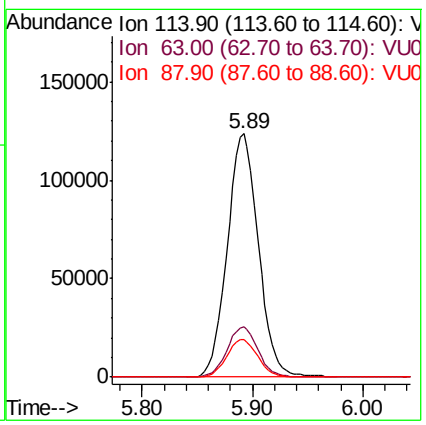


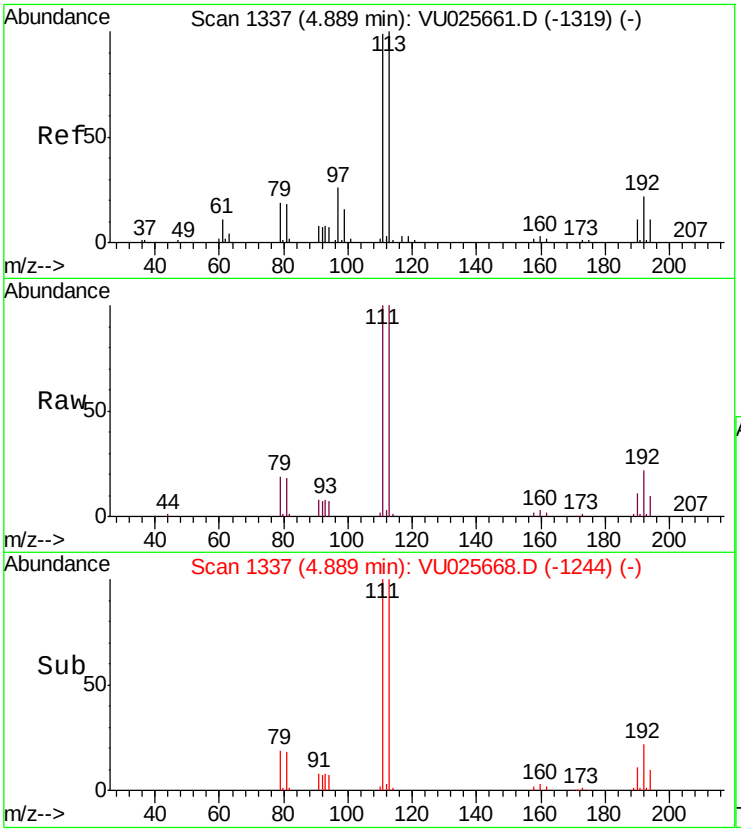


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 5.89 min Scan# 1649
Delta R.T. 0.00 min
Lab File: VU025668.D
Acq: 27 Jul 2018 14:48

Tgt Ion:114 Resp: 241772

Ion	Ratio	Lower	Upper
114	100		
63	20.5	0.0	41.6
88	15.5	0.0	32.4



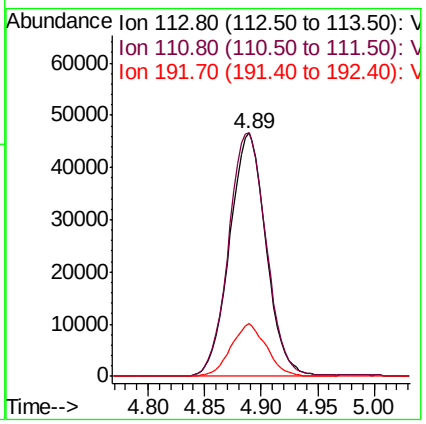


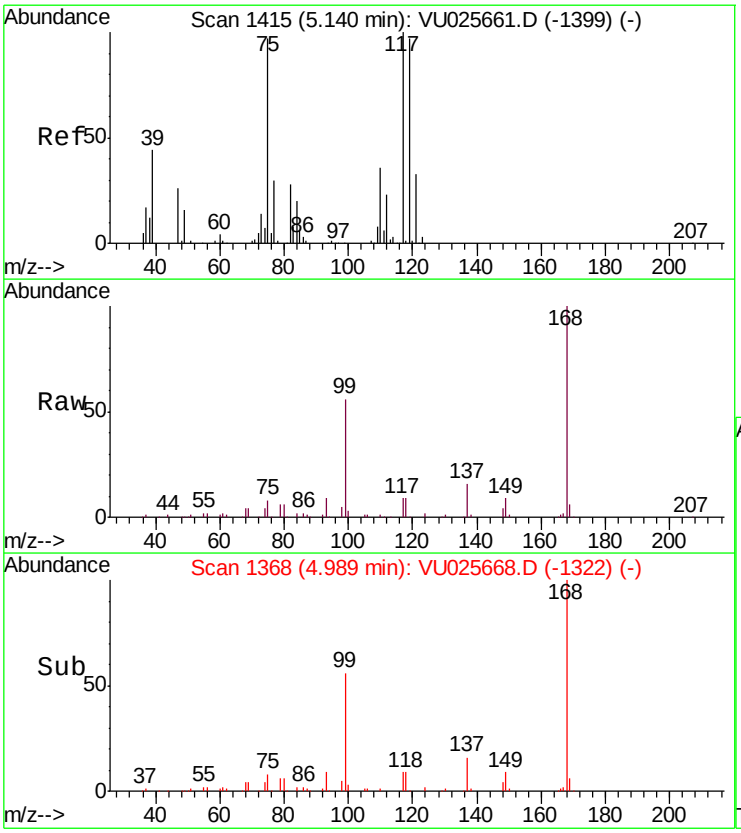
#35
Dibromofluoromethane
Concen: 49.73 ug/l
RT: 4.89 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VU025668.D
Acq: 27 Jul 2018 14:48

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2018

Tgt Ion:113 Resp: 104568

Ion	Ratio	Lower	Upper
113	100		
111	103.1	81.7	122.5
192	21.0	17.1	25.7

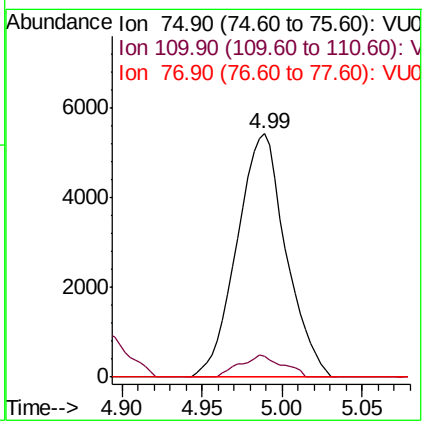


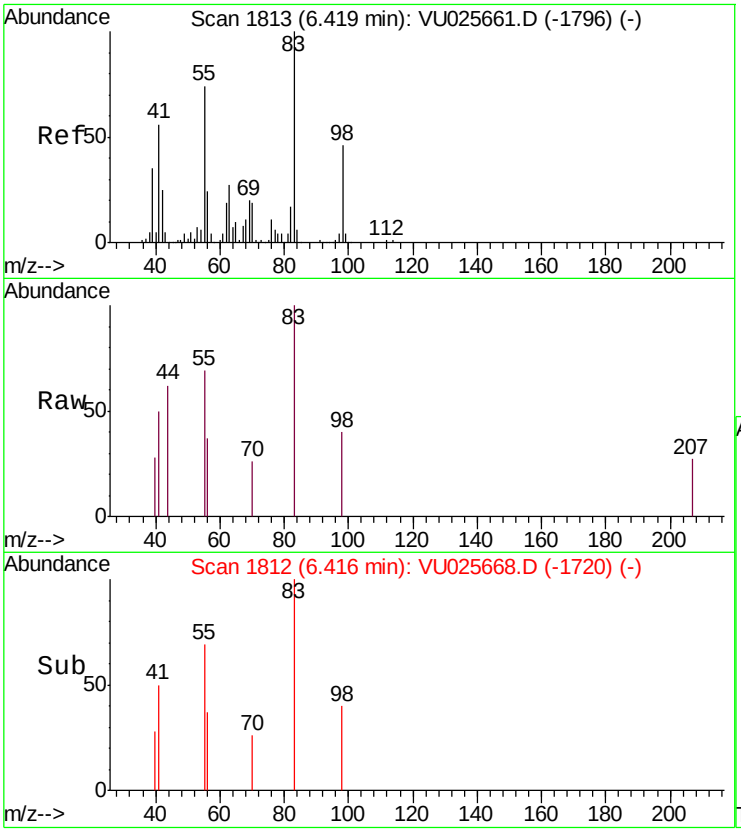


#36
1,1-Dichloropropene
Concen: 4.03 ug/l
RT: 4.99 min Scan# 1368
Delta R.T. -0.15 min
Lab File: VU025668.D
Acq: 27 Jul 2018 14:48

Tgt Ion: 75 Resp: 11376

Ion	Ratio	Lower	Upper
75	100		
110	7.8	17.6	52.9#
77	0.0	24.4	36.6#



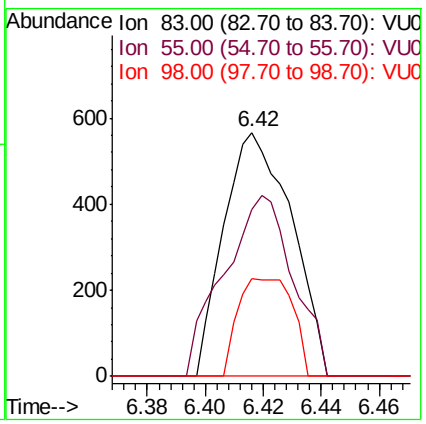


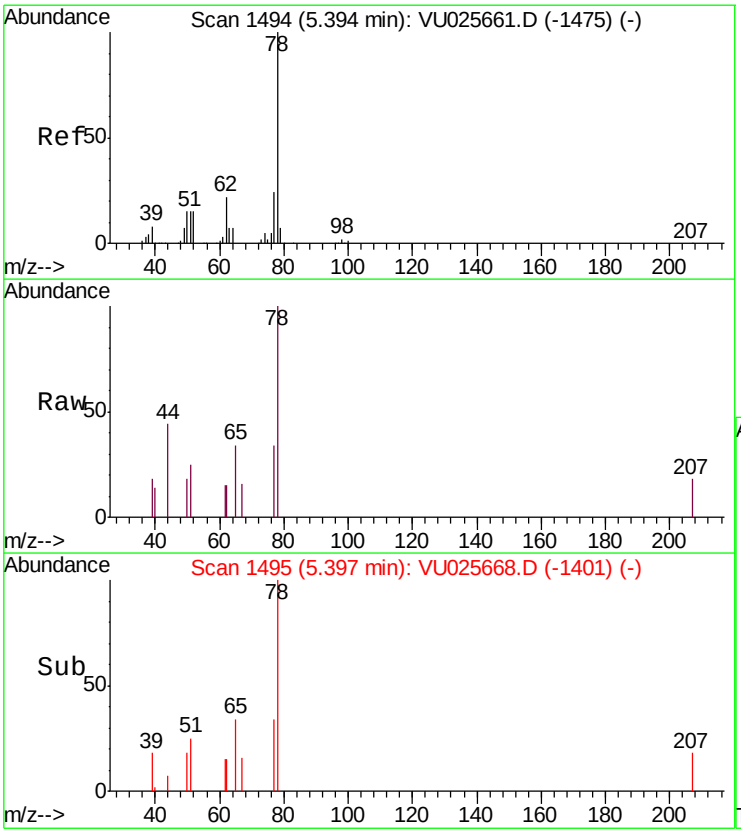
#39
Methylcyclohexane
Concen: 0.28 ug/l
RT: 6.42 min Scan# 1812
Delta R.T. -0.00 min
Lab File: VU025668.D
Acq: 27 Jul 2018 14:48

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2018

Tgt Ion: 83 Resp: 918

Ion	Ratio	Lower	Upper
83	100		
55	68.6	60.0	90.0
98	40.1	36.1	54.1

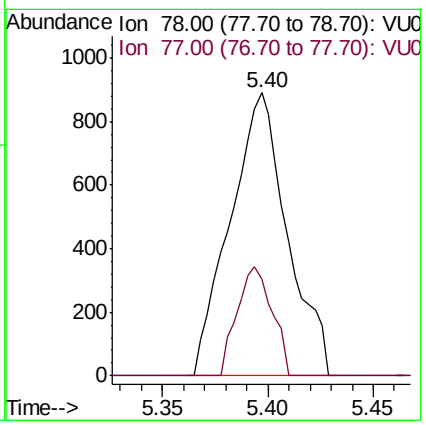


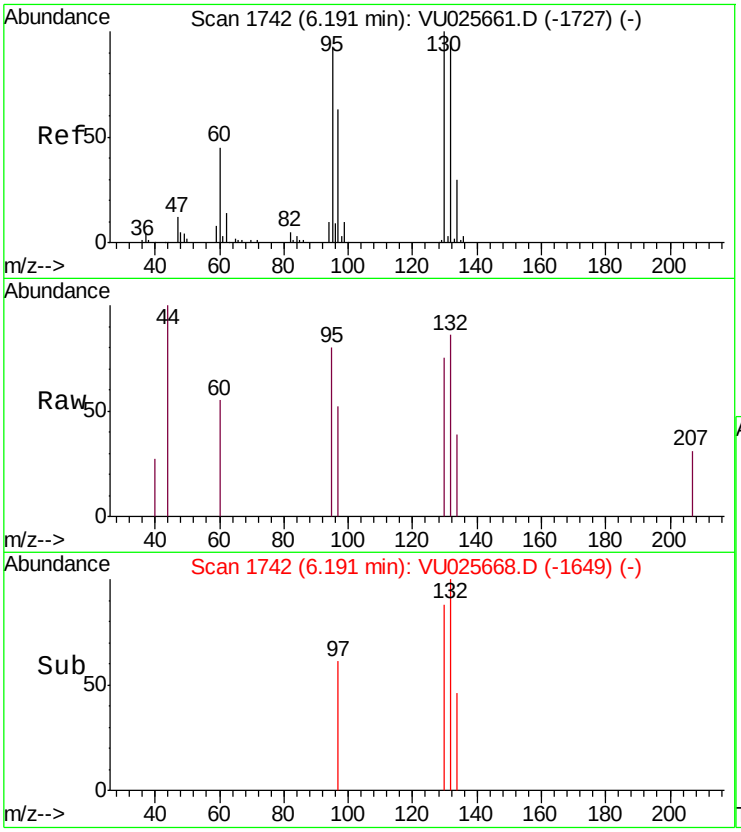


#40
Benzene
Concen: 0.20 ug/l
RT: 5.40 min Scan# 1495
Delta R.T. 0.00 min
Lab File: VU025668.D
Acq: 27 Jul 2018 14:48

Tgt Ion: 78 Resp: 1677

Ion	Ratio	Lower	Upper
78	100		
77	33.9	19.8	29.6#



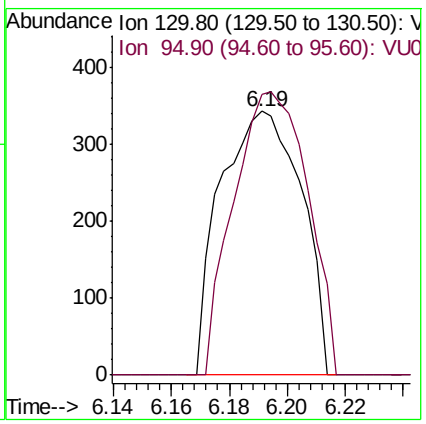


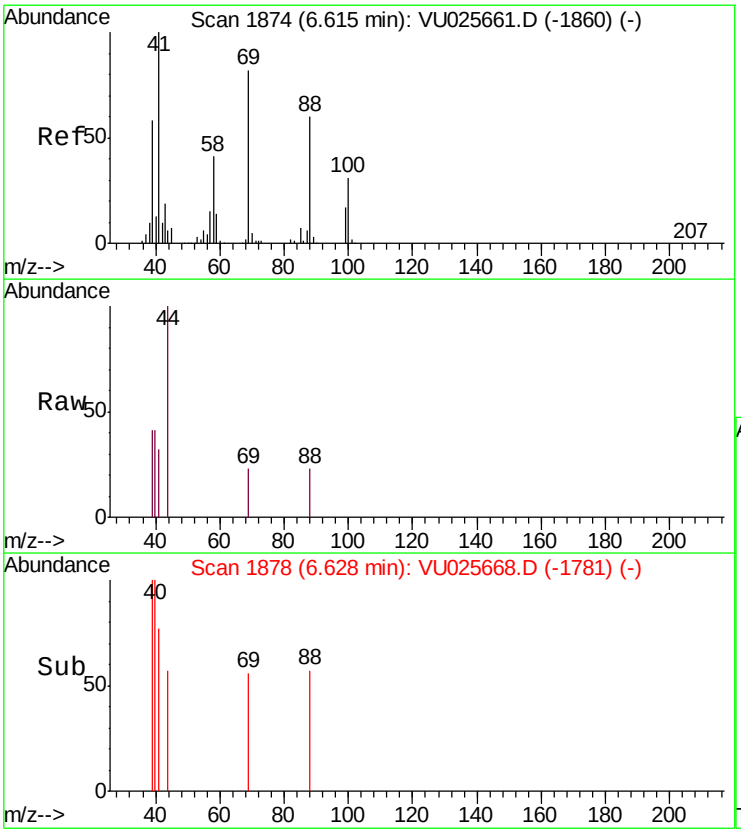
#44
Trichloroethene
Concen: 0.29 ug/l
RT: 6.19 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VU025668.D
Acq: 27 Jul 2018 14:48

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2018

Tgt Ion:130 Resp: 666

Ion	Ratio	Lower	Upper
130	100		
95	106.7	0.0	192.2

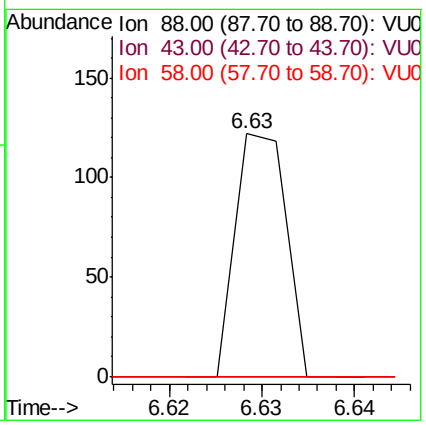


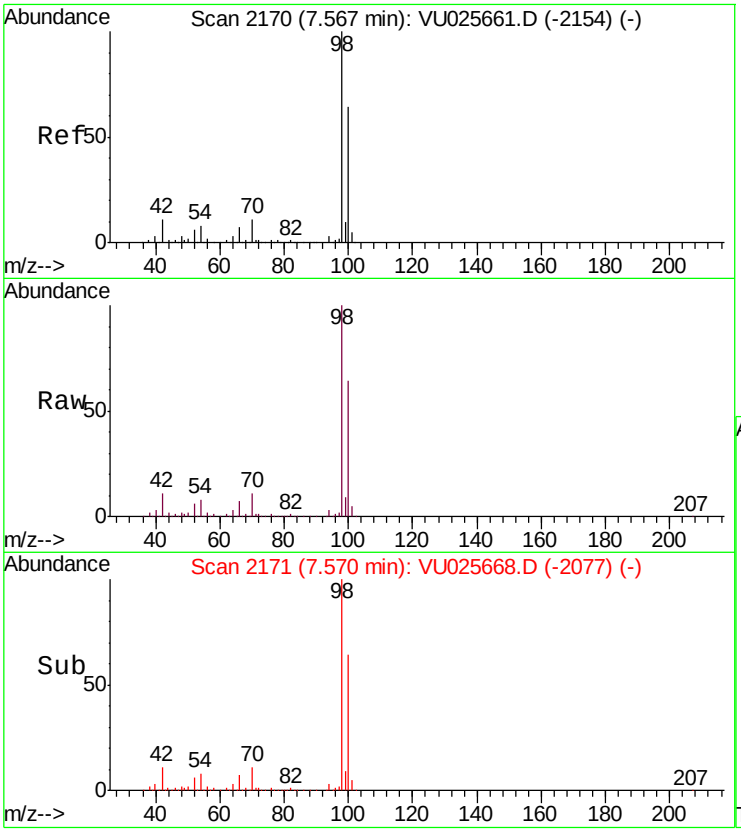


#49
1,4-Dioxane
Concen: 0.80 ug/l
RT: 6.63 min Scan# 1878
Delta R.T. 0.01 min
Lab File: VU025668.D
Acq: 27 Jul 2018 14:48

Tgt Ion: 88 Resp: 46

Ion	Ratio	Lower	Upper
88	100		
43	0.0	27.3	40.9#
58	0.0	57.6	86.4#



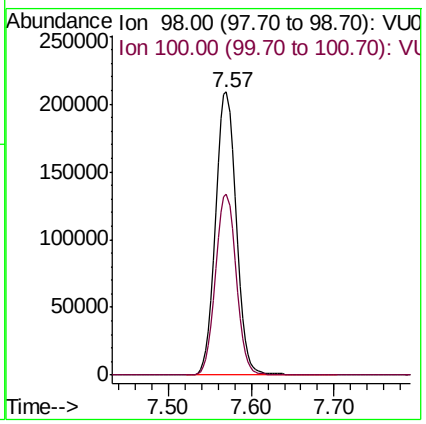


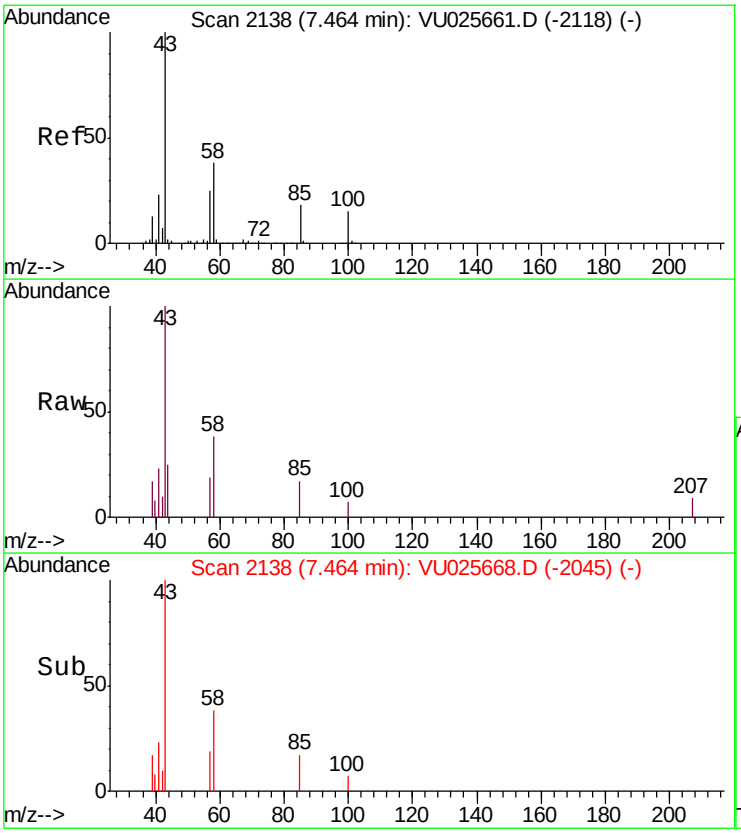
#50
Toluene-d8
Concen: 49.07 ug/l
RT: 7.57 min Scan# 2171
Delta R.T. 0.00 min
Lab File: VU025668.D
Acq: 27 Jul 2018 14:48

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2018

Tgt Ion: 98 Resp: 361087

Ion	Ratio	Lower	Upper
98	100		
100	63.9	51.1	76.7

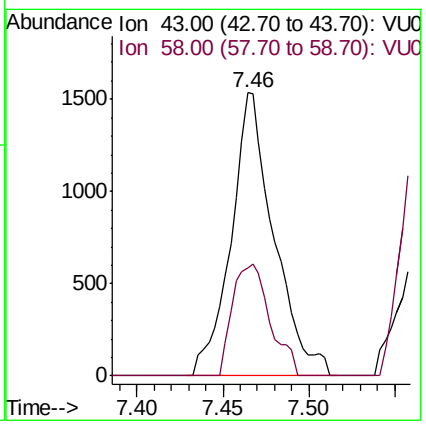


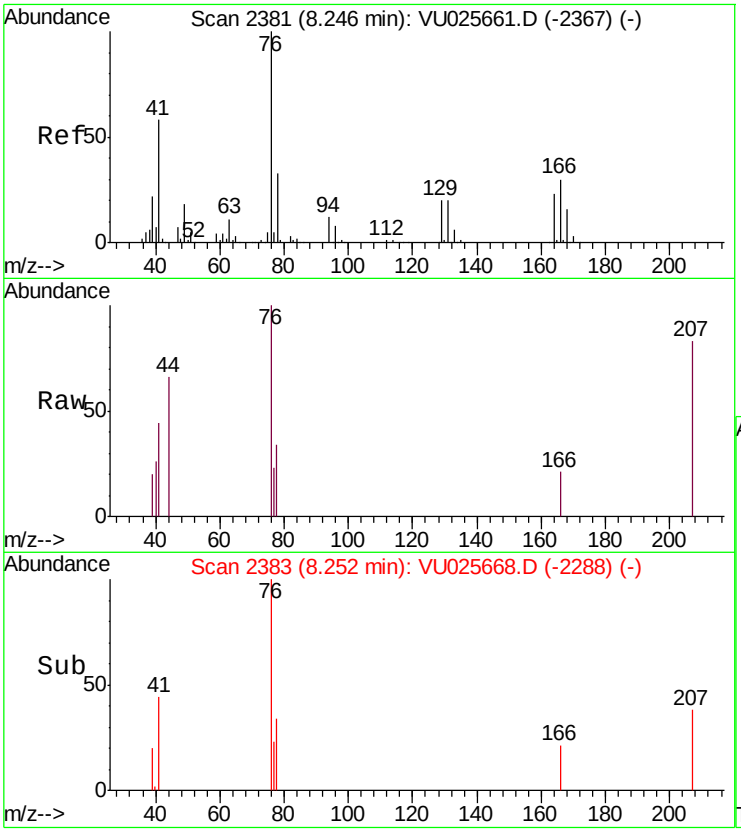


#51
4-Methyl-2-Pentanone
Concen: 0.88 ug/l
RT: 7.46 min Scan# 2138
Delta R.T. 0.00 min
Lab File: VU025668.D
Acq: 27 Jul 2018 14:48

Tgt Ion: 43 Resp: 2660

Ion	Ratio	Lower	Upper
43	100		
58	34.5	31.0	46.4



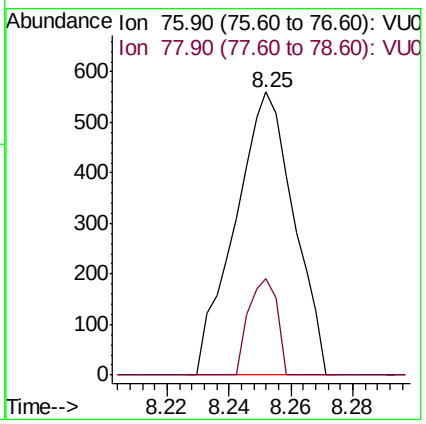


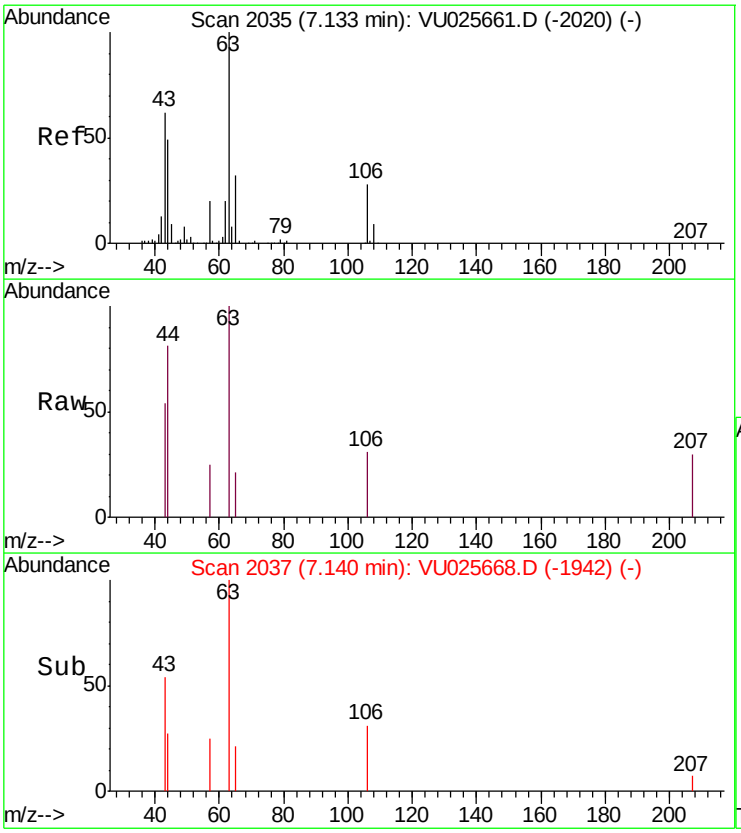
#57
1,3-Dichloropropane
Concen: 0.21 ug/l
RT: 8.25 min Scan# 2383
Delta R.T. 0.01 min
Lab File: VU025668.D
Acq: 27 Jul 2018 14:48

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2018

Tgt Ion: 76 Resp: 738

Ion	Ratio	Lower	Upper
76	100		
78	16.7	26.1	39.1#

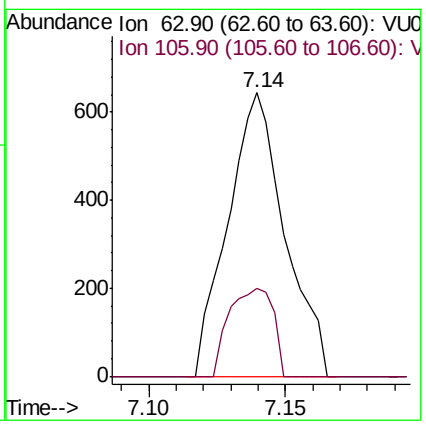


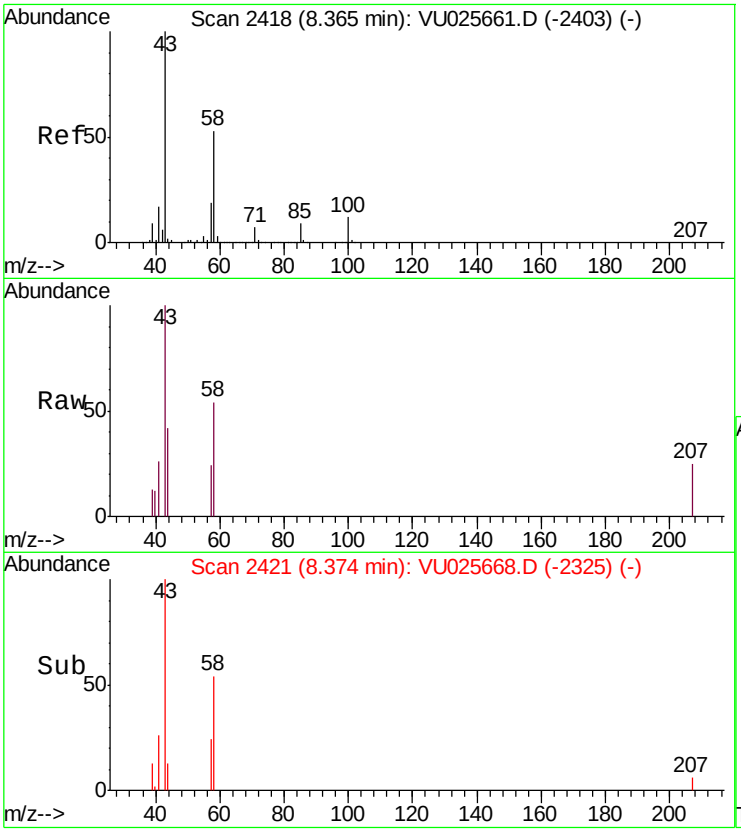


#58
2-Chloroethyl Vinyl ether
Concen: 7.73 ug/l
RT: 7.14 min Scan# 2037
Delta R.T. 0.01 min
Lab File: VU025668.D
Acq: 27 Jul 2018 14:48

Tgt Ion: 63 Resp: 932

Ion	Ratio	Lower	Upper
63	100		
106	23.9	22.3	33.5



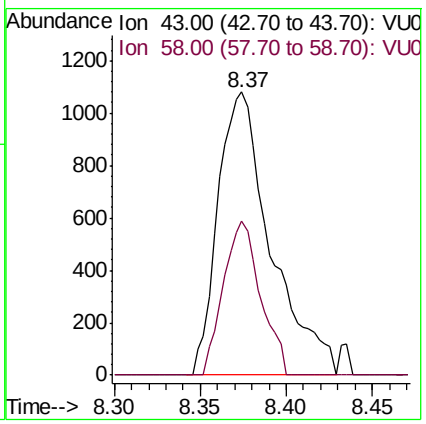


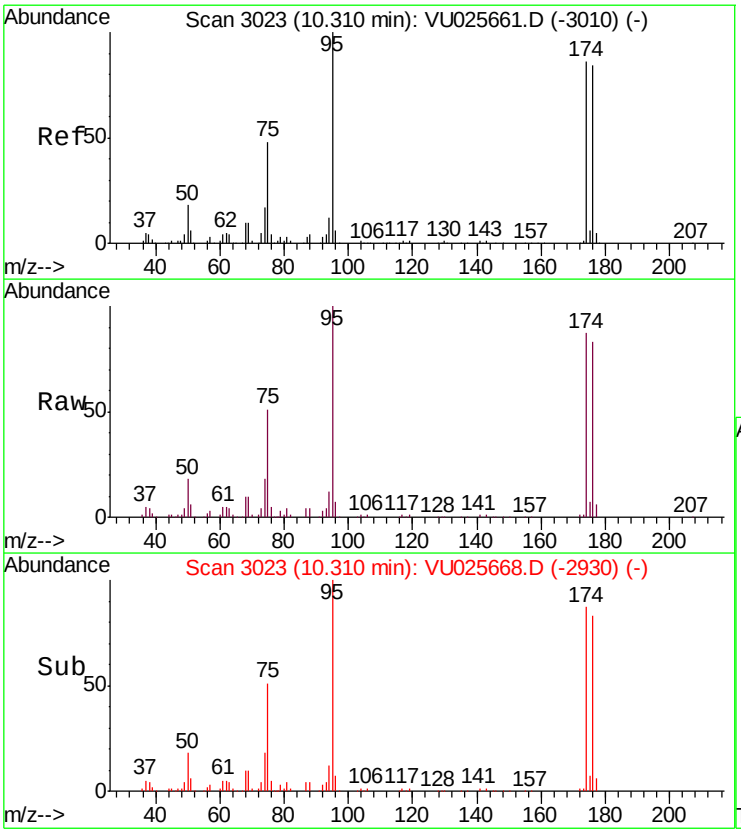
#59
2-Hexanone
Concen: 0.97 ug/l
RT: 8.37 min Scan# 2421
Delta R.T. 0.01 min
Lab File: VU025668.D
Acq: 27 Jul 2018 14:48

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2018

Tgt Ion: 43 Resp: 2309

Ion	Ratio	Lower	Upper
43	100		
58	38.4	26.2	78.5

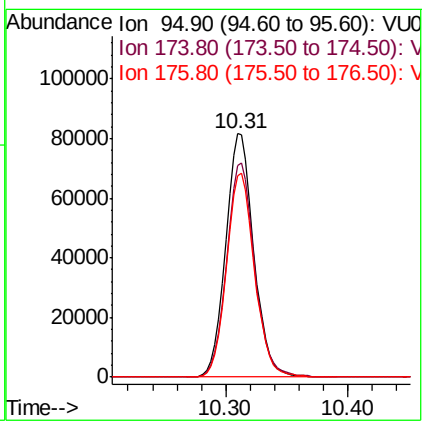


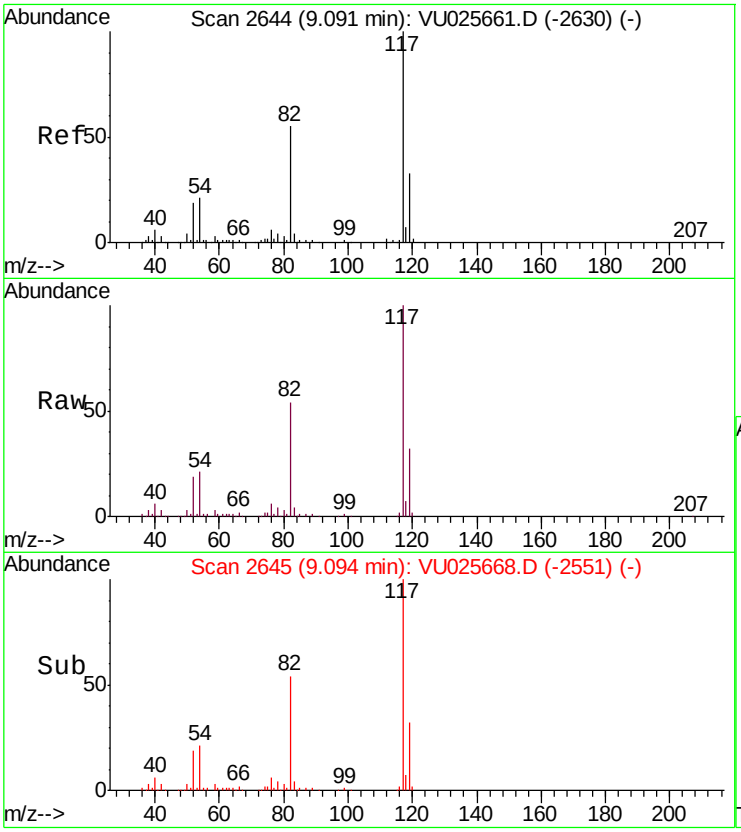


#62
4-Bromofluorobenzene
Concen: 45.82 ug/l
RT: 10.31 min Scan# 3023
Delta R.T. 0.00 min
Lab File: VU025668.D
Acq: 27 Jul 2018 14:48

Tgt Ion: 95 Resp: 130882

Ion	Ratio	Lower	Upper
95	100		
174	88.0	0.0	172.2
176	83.8	0.0	162.6



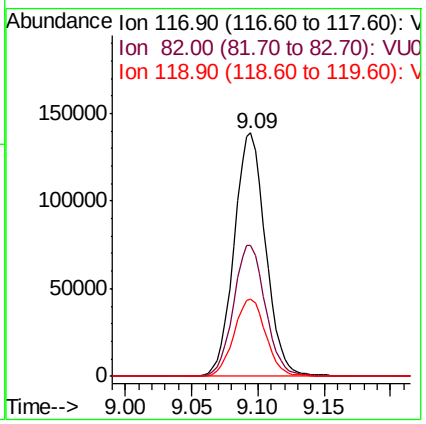


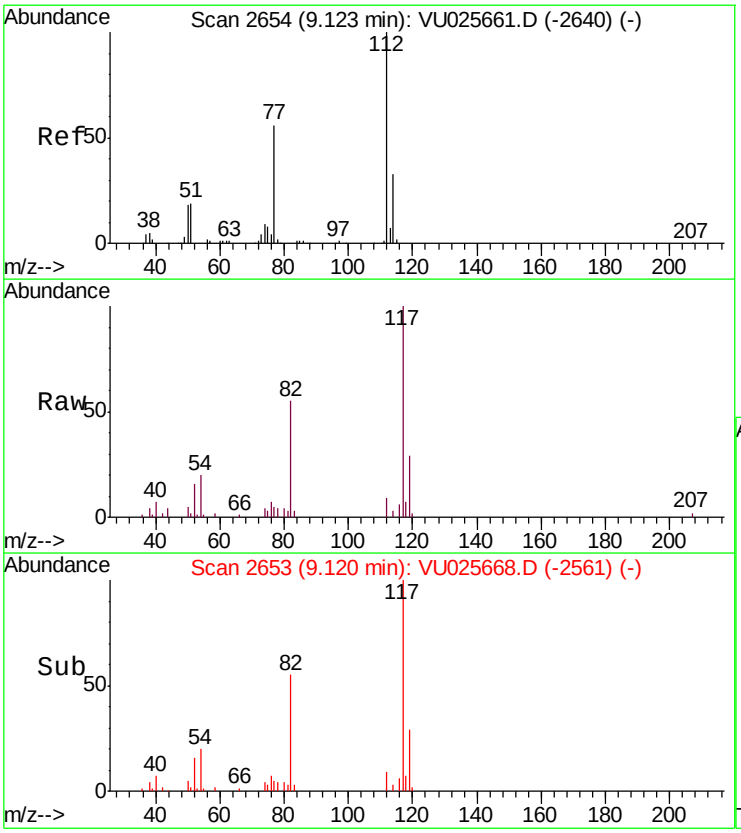
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VU025668.D
Acq: 27 Jul 2018 14:48

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2018

Tgt Ion:117 Resp: 229645

Ion	Ratio	Lower	Upper
117	100		
82	53.5	46.0	69.0
119	31.8	26.0	39.0

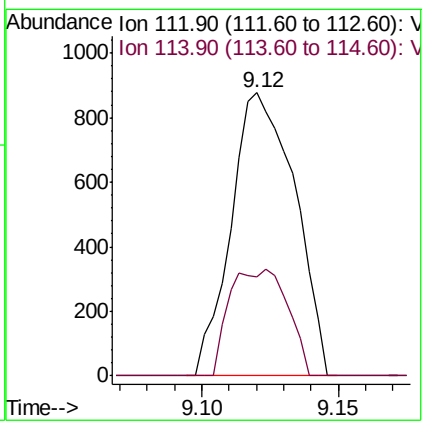


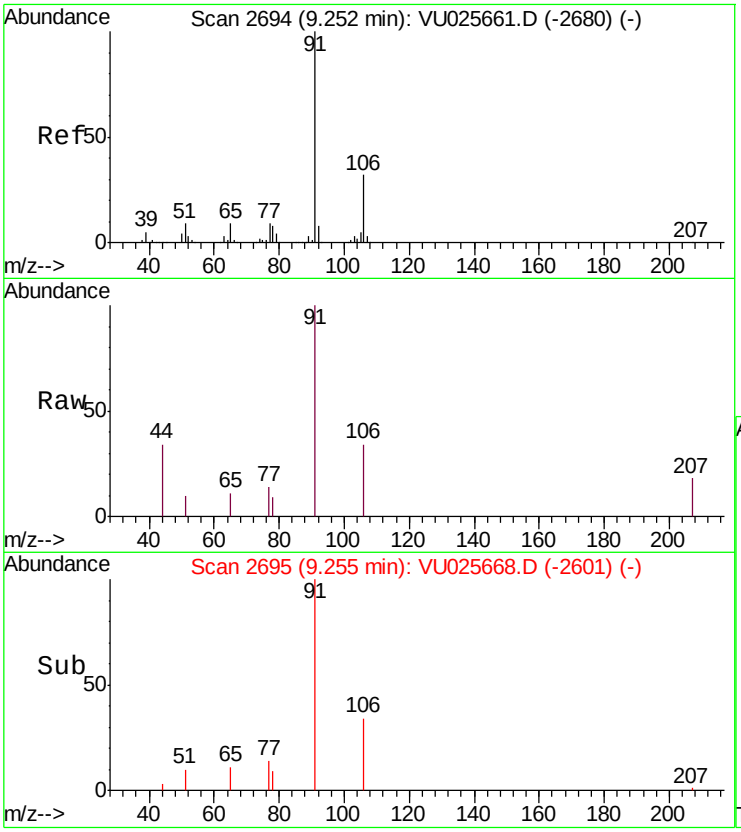


#65
Chlorobenzene
Concen: 0.24 ug/l
RT: 9.12 min Scan# 2653
Delta R.T. -0.00 min
Lab File: VU025668.D
Acq: 27 Jul 2018 14:48

Tgt Ion:112 Resp: 1424

Ion	Ratio	Lower	Upper
112	100		
114	35.2	25.8	38.8



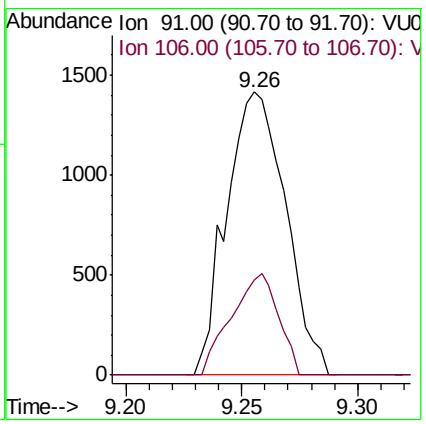


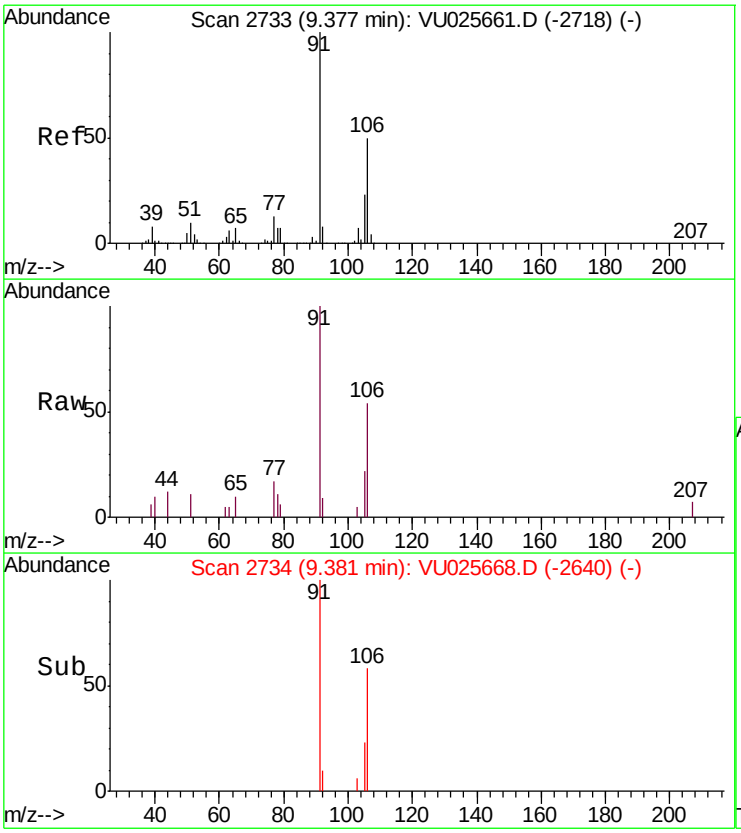
#67
Ethyl Benzene
Concen: 0.26 ug/l
RT: 9.26 min Scan# 2695
Delta R.T. 0.00 min
Lab File: VU025668.D
Acq: 27 Jul 2018 14:48

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2018

Tgt Ion: 91 Resp: 2508

Ion	Ratio	Lower	Upper
91	100		
106	33.6	25.3	37.9

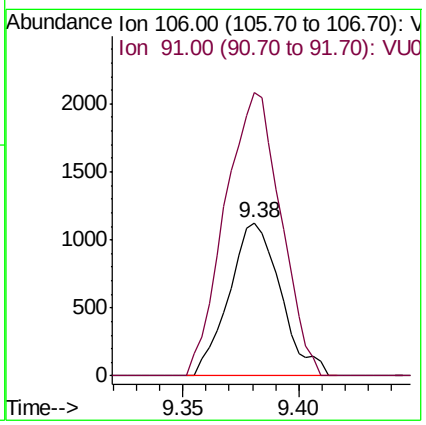


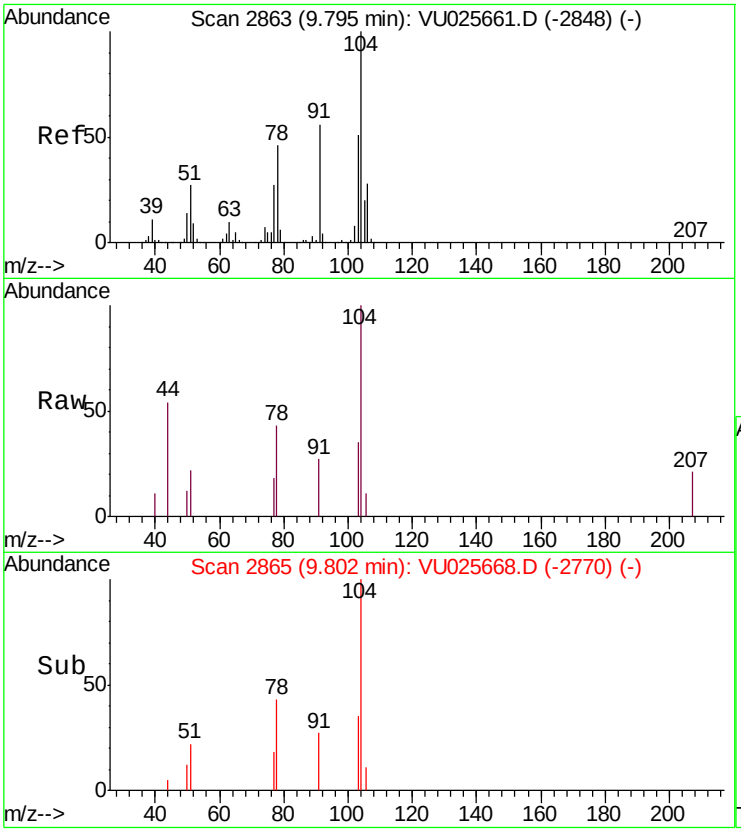


#68
m/p-Xylenes
Concen: 0.46 ug/l
RT: 9.38 min Scan# 2734
Delta R.T. 0.00 min
Lab File: VU025668.D
Acq: 27 Jul 2018 14:48

Tgt Ion:106 Resp: 1739

Ion	Ratio	Lower	Upper
106	100		
91	200.5	162.3	243.5



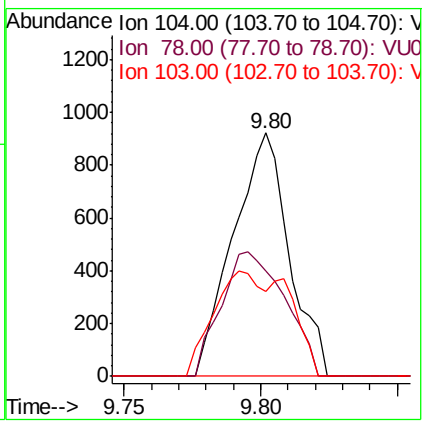


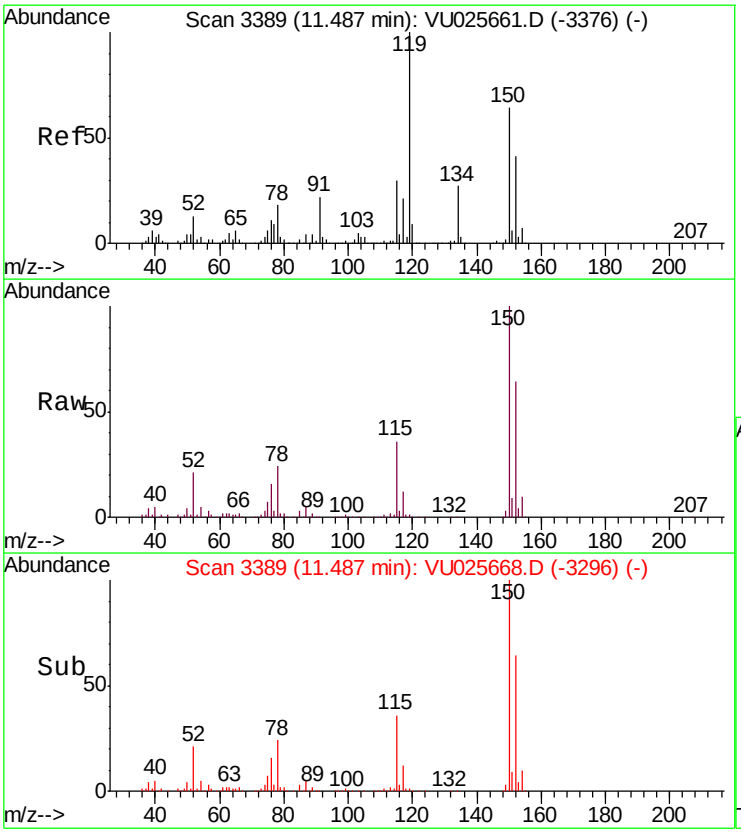
#70
Stvrene
Concen: 0.22 ug/l
RT: 9.80 min Scan# 2865
Delta R.T. 0.01 min
Lab File: VU025668.D
Acq: 27 Jul 2018 14:48

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2018

Tgt Ion:104 Resp: 1308

Ion	Ratio	Lower	Upper
104	100		
78	58.7	41.6	62.4
103	39.0	44.6	66.8#

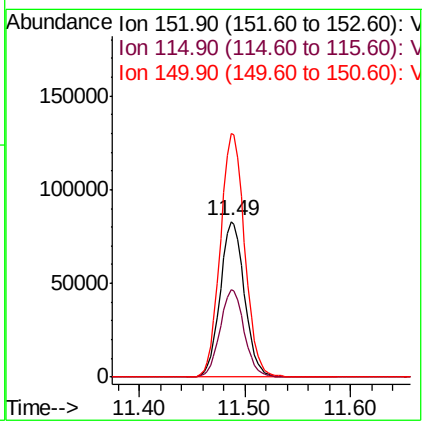


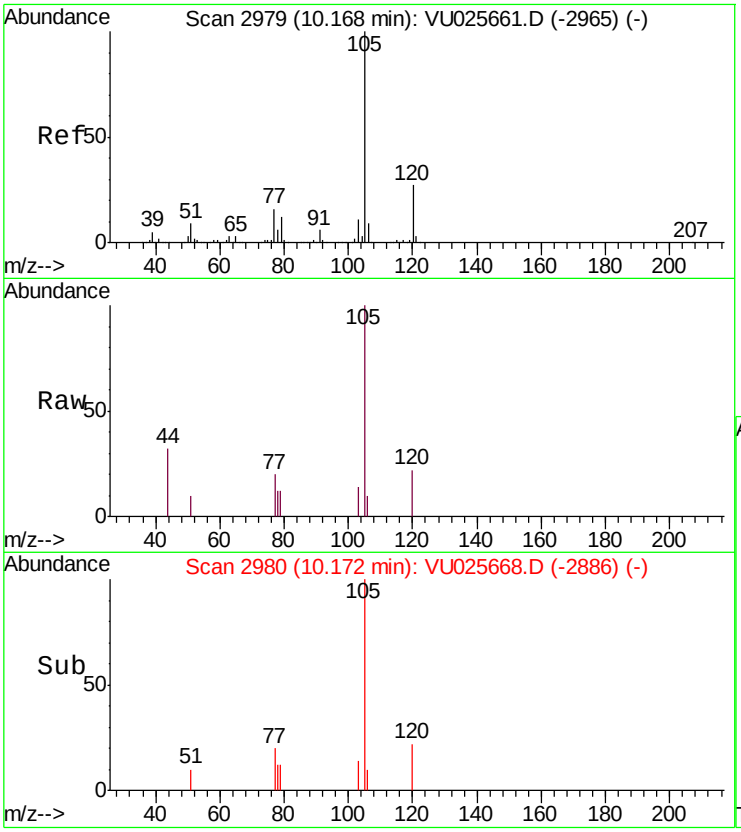


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.49 min Scan# 3389
Delta R.T. 0.00 min
Lab File: VU025668.D
Acq: 27 Jul 2018 14:48

Tgt Ion:152 Resp: 131893

Ion	Ratio	Lower	Upper
152	100		
115	55.9	40.1	120.3
150	157.1	0.0	351.4



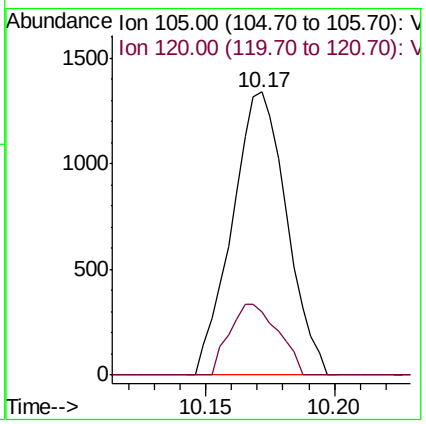


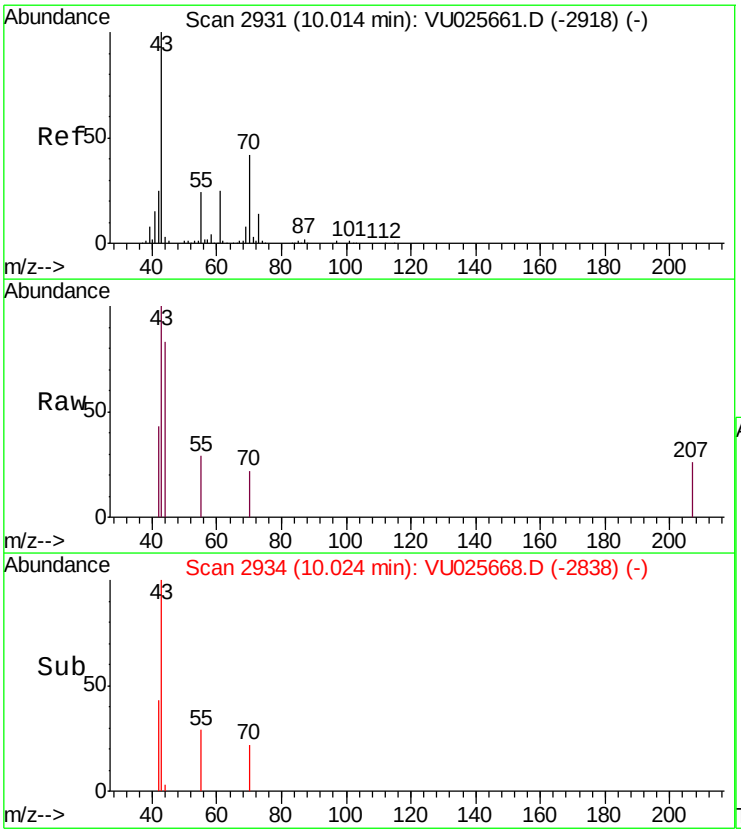
#73
Isopropylbenzene
Concen: 0.22 ug/l
RT: 10.17 min Scan# 2980
Delta R.T. 0.00 min
Lab File: VU025668.D
Acq: 27 Jul 2018 14:48

Instrument : MSVOA_U
ClientSampleId : MDL-WATER-03-QT3-2018

Tgt Ion:105 Resp: 1973

Ion	Ratio	Lower	Upper
105	100		
120	22.4	13.5	40.5

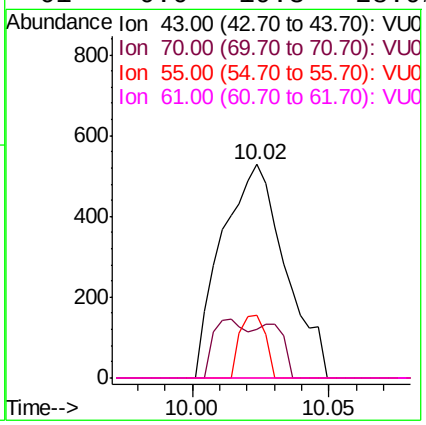


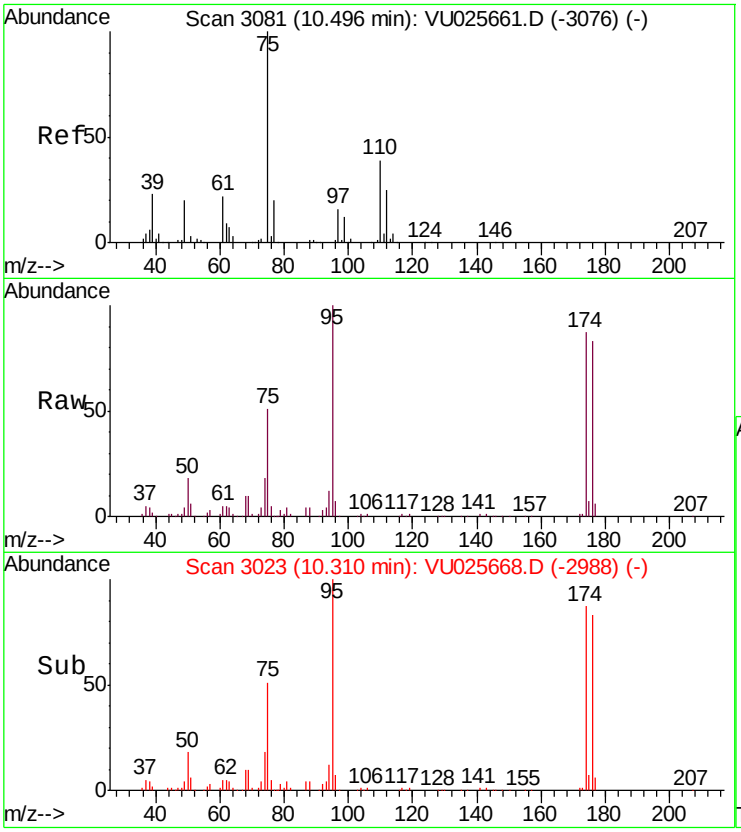


#74
N-amyl acetate
Concen: 0.23 ug/l
RT: 10.02 min Scan# 2934
Delta R.T. 0.01 min
Lab File: VU025668.D
Acq: 27 Jul 2018 14:48

Tgt Ion: 43 Resp: 852

Ion	Ratio	Lower	Upper
43	100		
70	14.6	33.4	50.2#
55	12.0	19.0	28.6#
61	0.0	19.3	28.9#



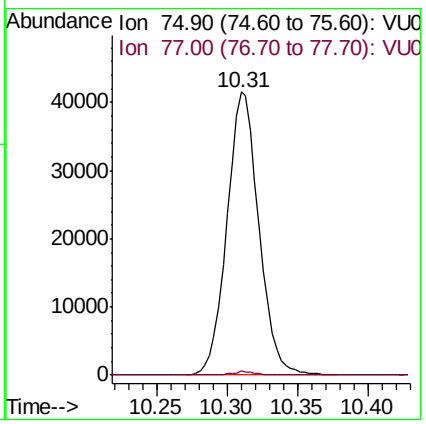


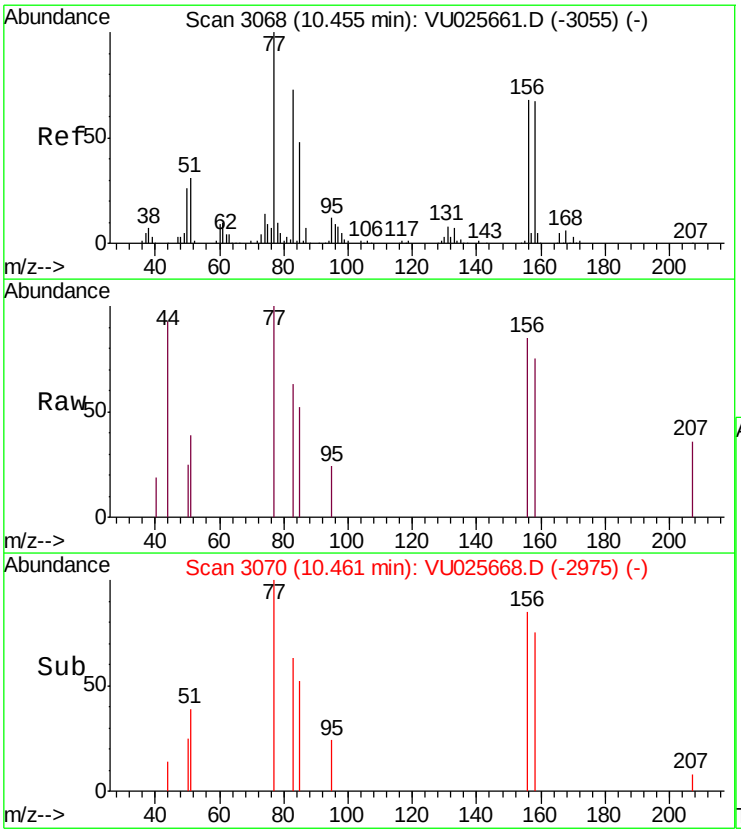
#76
1,2,3-Trichloropropane
Concen: 22.63 ug/l
RT: 10.31 min Scan# 3023
Delta R.T. -0.19 min
Lab File: VU025668.D
Acq: 27 Jul 2018 14:48

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2018

Tgt Ion: 75 Resp: 65771

Ion	Ratio	Lower	Upper
75	100		
77	0.9	20.4	61.3#

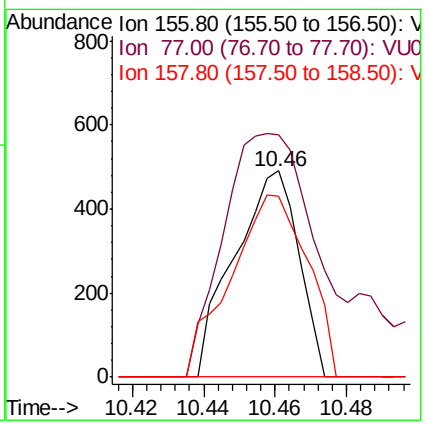


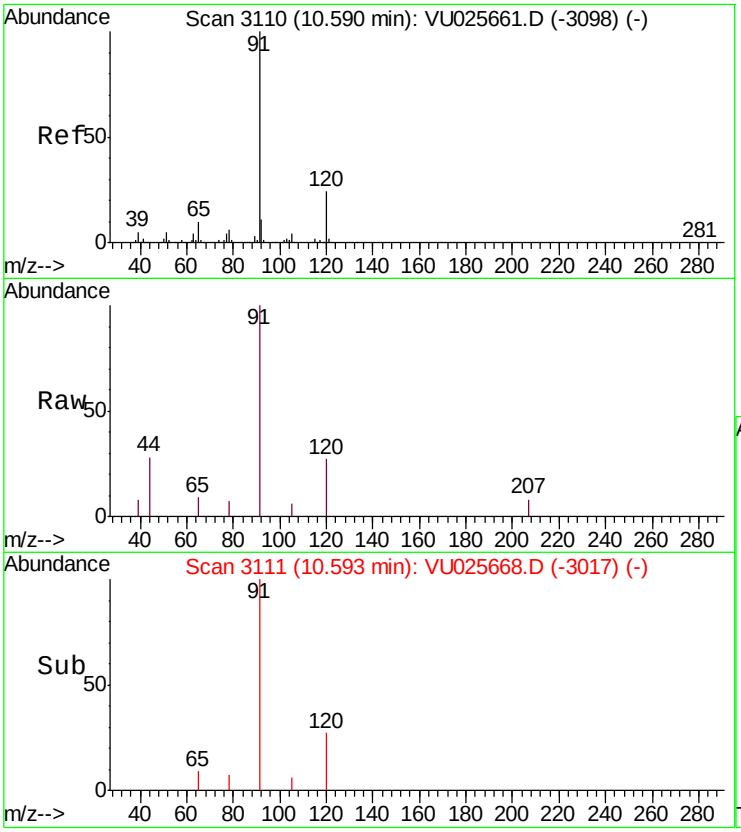


#77
Bromobenzene
Concen: 0.25 ug/l
RT: 10.46 min Scan# 3070
Delta R.T. 0.01 min
Lab File: VU025668.D
Acq: 27 Jul 2018 14:48

Tgt Ion:156 Resp: 611

Ion	Ratio	Lower	Upper
156	100		
77	188.2	73.8	221.4
158	105.7	48.0	144.0



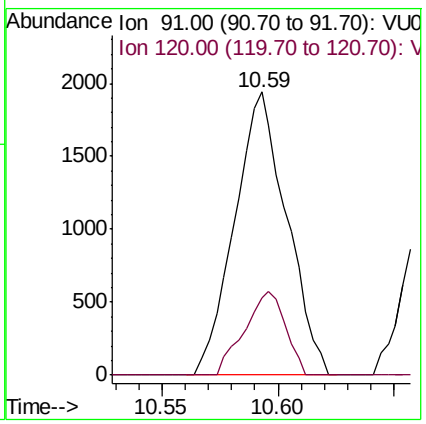


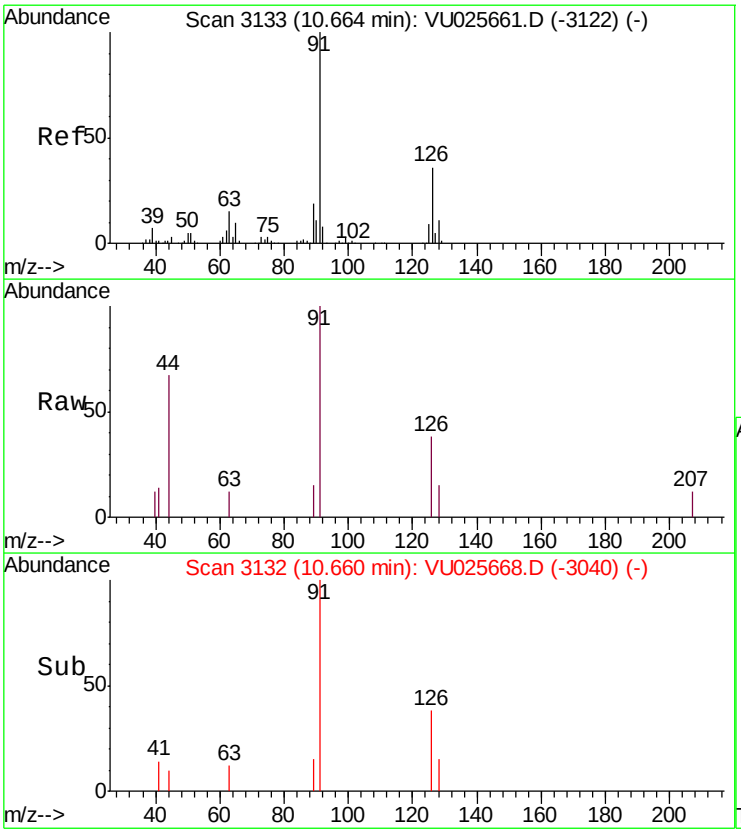
#78
n-propylbenzene
Concen: 0.29 ug/l
RT: 10.59 min Scan# 3111
Delta R.T. 0.00 min
Lab File: VU025668.D
Acq: 27 Jul 2018 14:48

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2018

Tgt Ion: 91 Resp: 3034

Ion	Ratio	Lower	Upper
91	100		
120	23.2	11.8	35.3

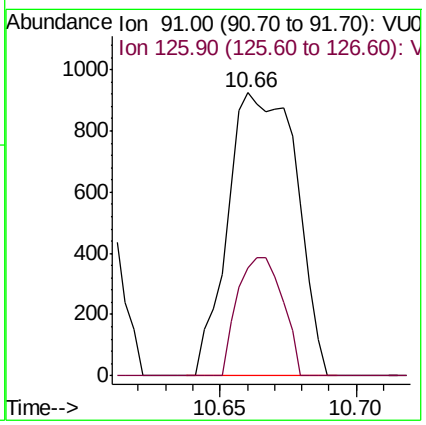


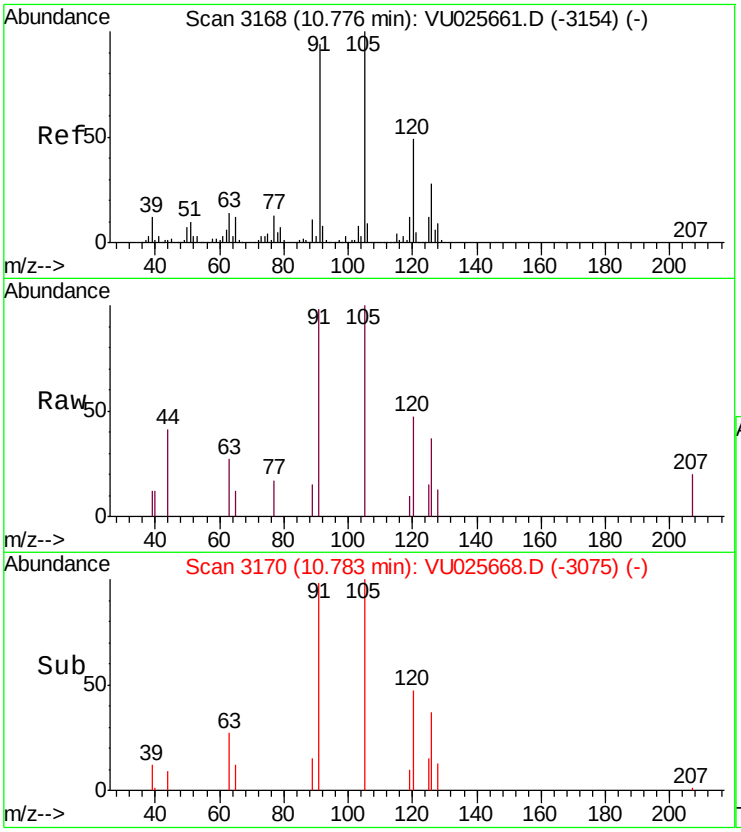


#79
2-Chlorotoluene
Concen: 0.26 ug/l
RT: 10.66 min Scan# 3132
Delta R.T. -0.00 min
Lab File: VU025668.D
Acq: 27 Jul 2018 14:48

Tgt Ion: 91 Resp: 1614

Ion	Ratio	Lower	Upper
91	100		
126	27.4	17.5	52.6



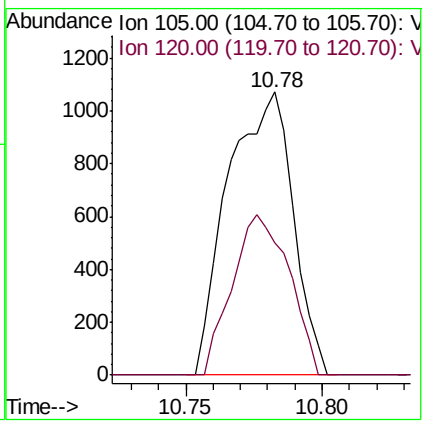


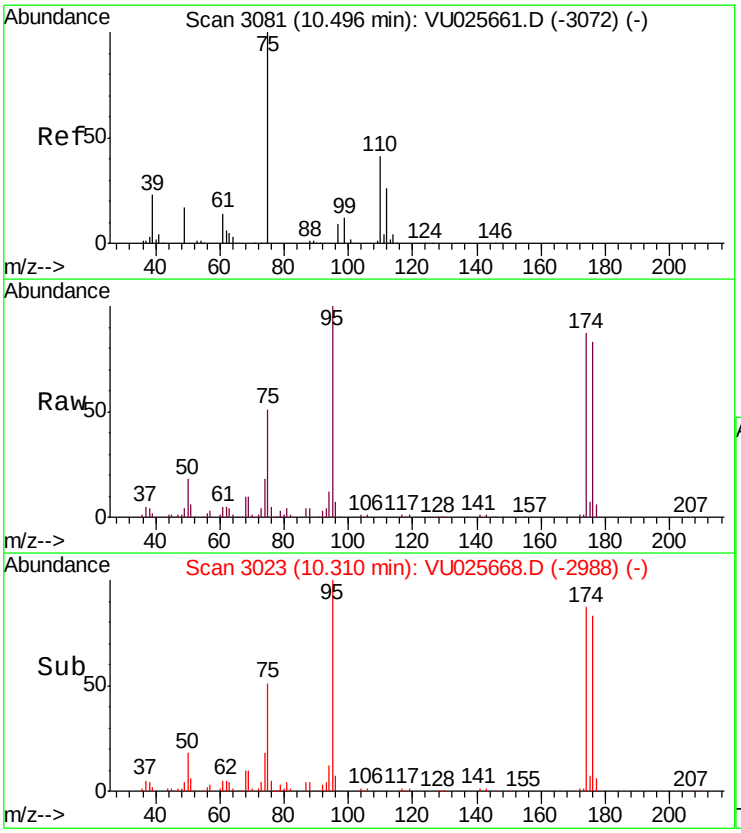
#80
1,3,5-Trimethylbenzene
Concen: 0.23 ug/l
RT: 10.78 min Scan# 3170
Delta R.T. 0.01 min
Lab File: VU025668.D
Acq: 27 Jul 2018 14:48

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2018

Tgt Ion:105 Resp: 1772

Ion	Ratio	Lower	Upper
105	100		
120	49.7	24.1	72.2

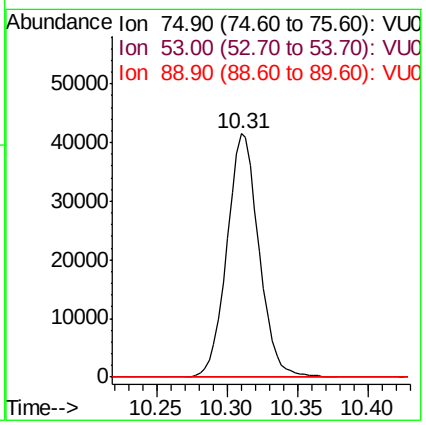


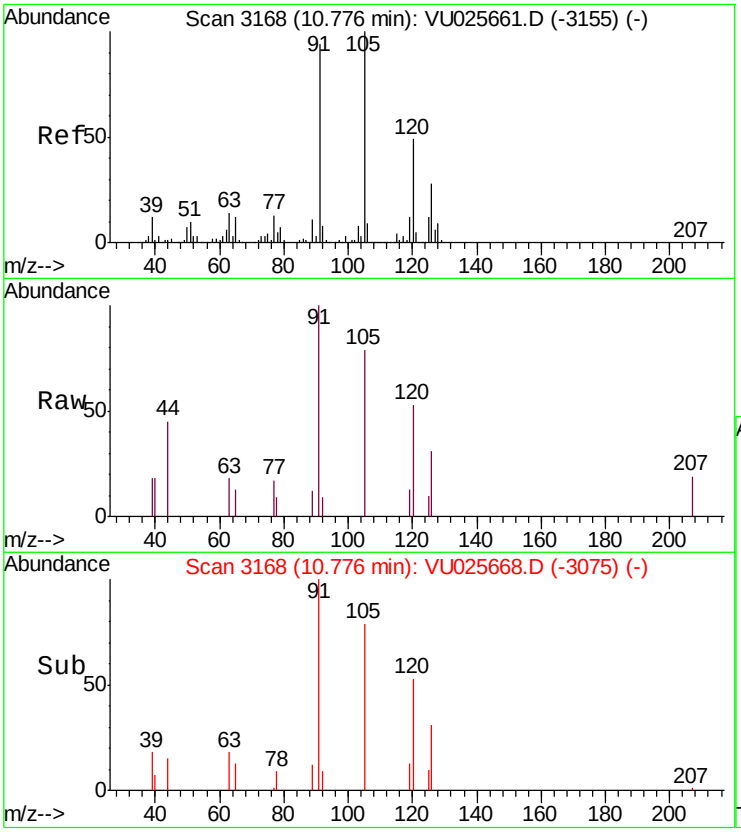


#81
trans-1,4-Dichloro-2-butene
Concen: 56.75 ug/l
RT: 10.31 min Scan# 3023
Delta R.T. -0.19 min
Lab File: VU025668.D
Acq: 27 Jul 2018 14:48

Tgt Ion: 75 Resp: 65771

Ion	Ratio	Lower	Upper
75	100		
53	0.0	0.0	0.0
89	0.0	0.0	0.0



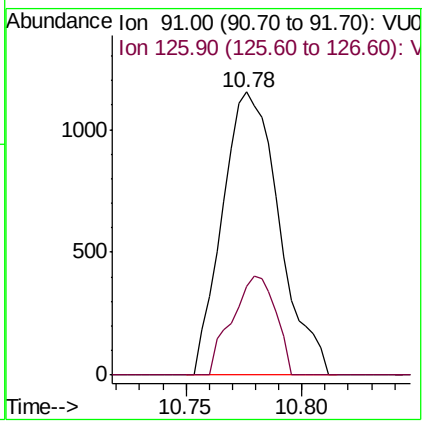


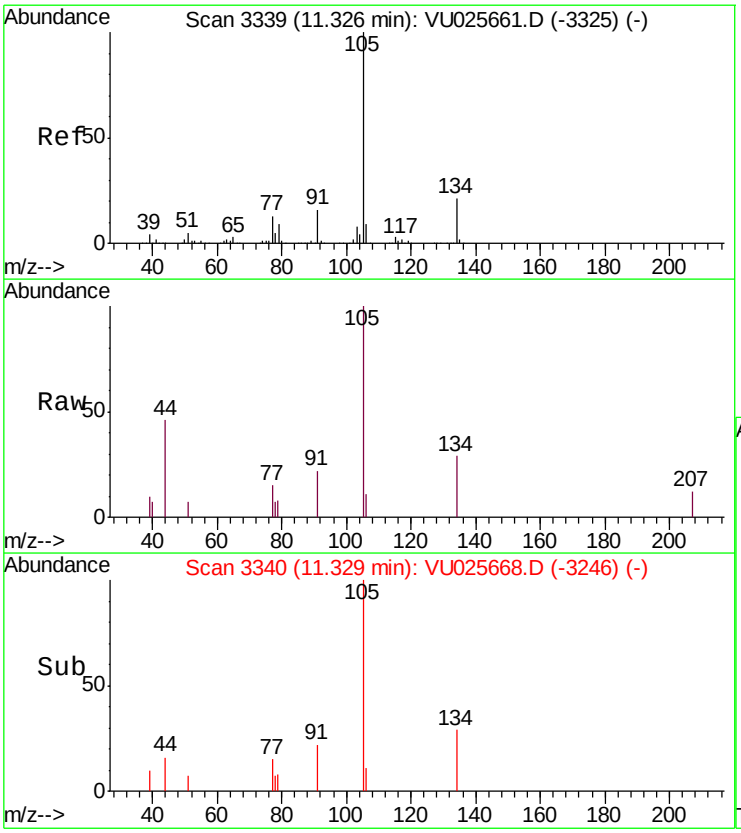
#82
4-Chlorotoluene
Concen: 0.27 ug/l
RT: 10.78 min Scan# 3168
Delta R.T. 0.00 min
Lab File: VU025668.D
Acq: 27 Jul 2018 14:48

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2018

Tgt Ion: 91 Resp: 1971

Ion	Ratio	Lower	Upper
91	100		
126	26.8	15.3	45.9

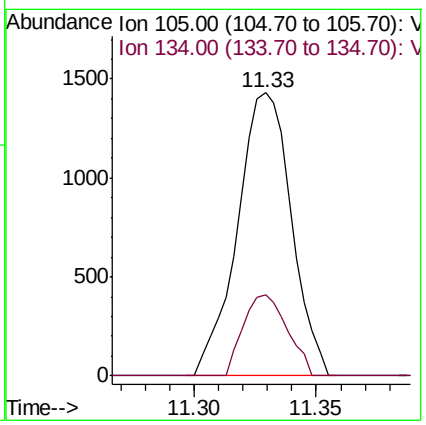


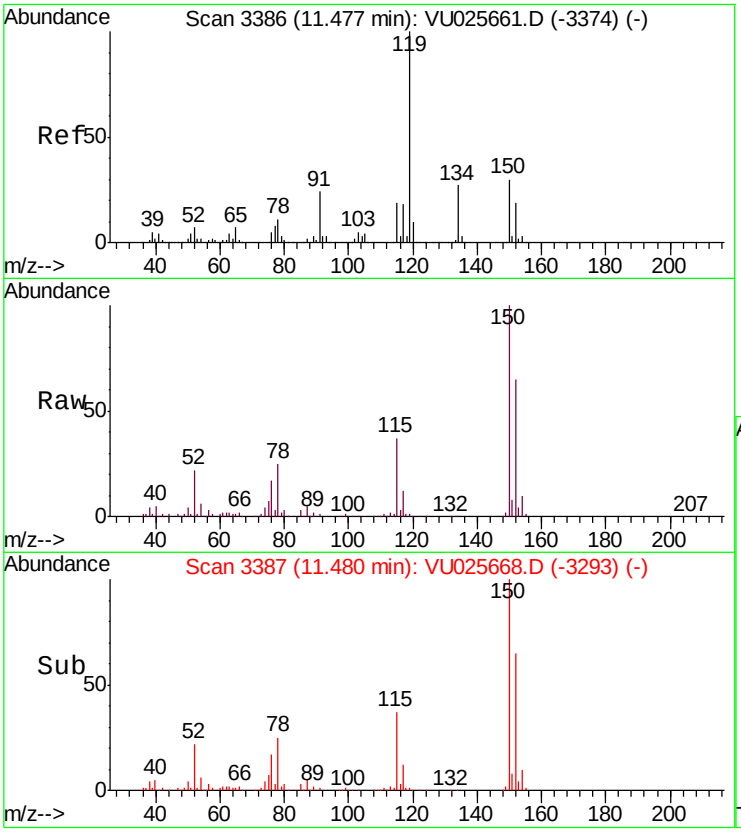


#85
sec-Butylbenzene
Concen: 0.24 ug/l
RT: 11.33 min Scan# 3340
Delta R.T. 0.00 min
Lab File: VU025668.D
Acq: 27 Jul 2018 14:48

Tgt Ion:105 Resp: 2197

Ion	Ratio	Lower	Upper
105	100		
134	23.2	10.3	30.8



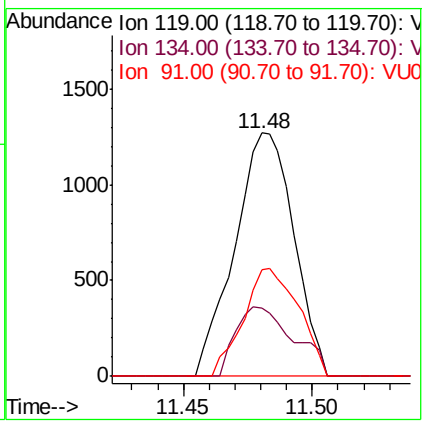


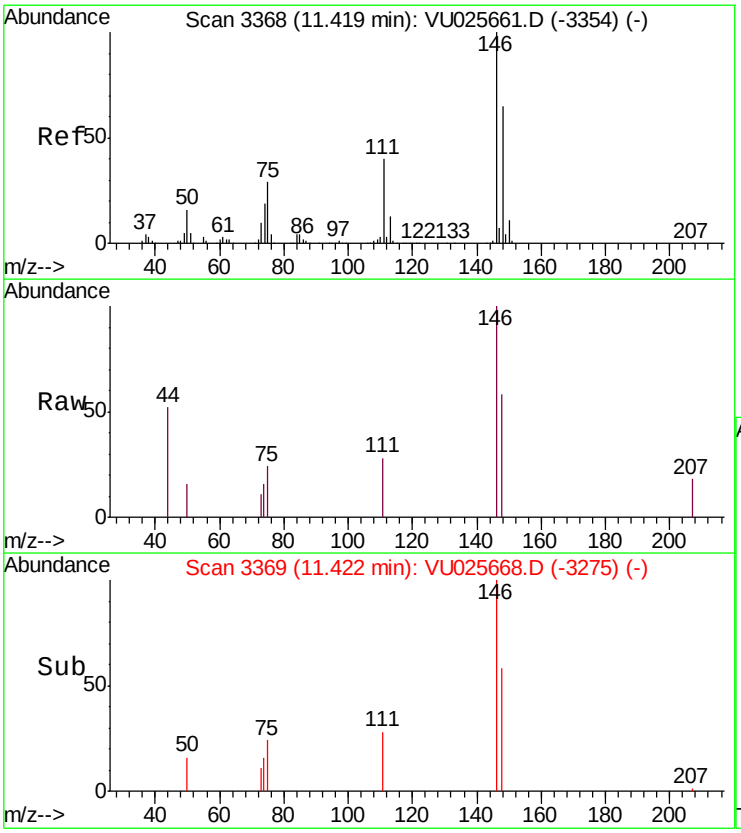
#86
p-Isopropyltoluene
Concen: 0.25 ug/l
RT: 11.48 min Scan# 3387
Delta R.T. 0.00 min
Lab File: VU025668.D
Acq: 27 Jul 2018 14:48

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2018

Tgt Ion:119 Resp: 2035

Ion	Ratio	Lower	Upper
119	100		
134	27.9	13.2	39.5
91	41.5	12.0	36.1#

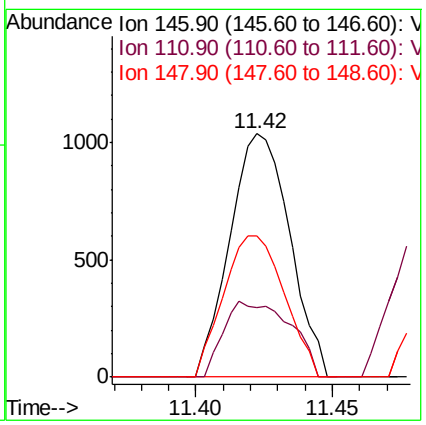


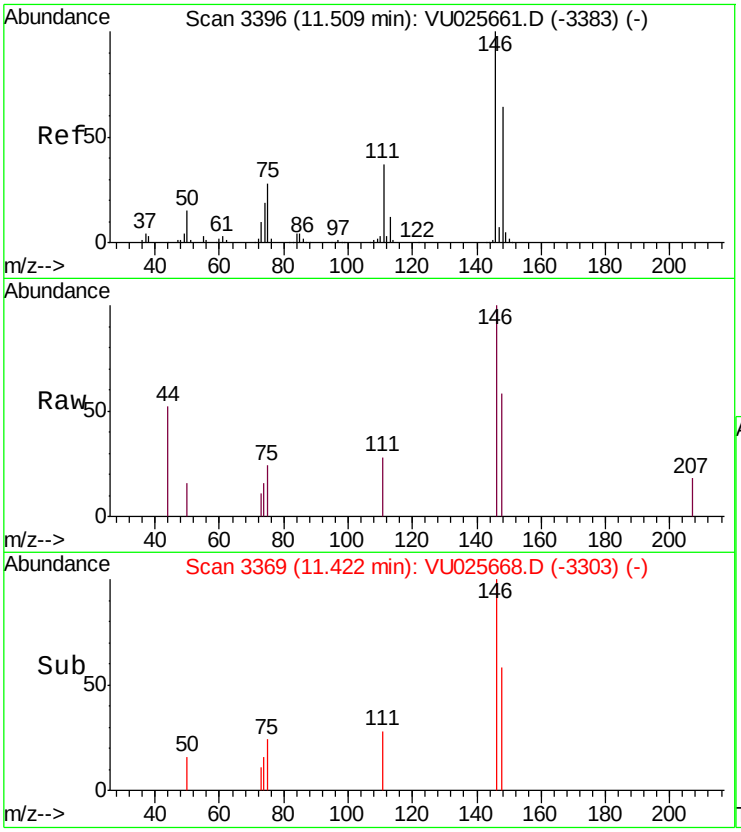


#87
1,3-Dichlorobenzene
Concen: 0.34 ug/l
RT: 11.42 min Scan# 3369
Delta R.T. 0.00 min
Lab File: VU025668.D
Acq: 27 Jul 2018 14:48

Tgt Ion:146 Resp: 1582

Ion	Ratio	Lower	Upper
146	100		
111	34.5	19.7	59.1
148	59.0	32.1	96.3



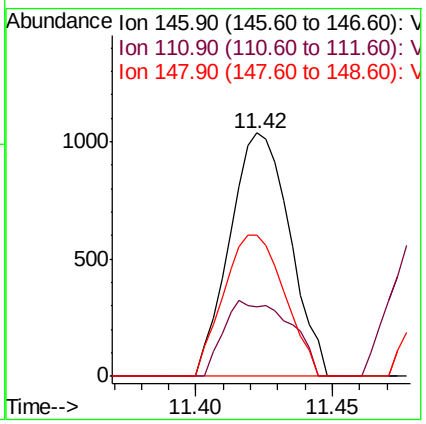


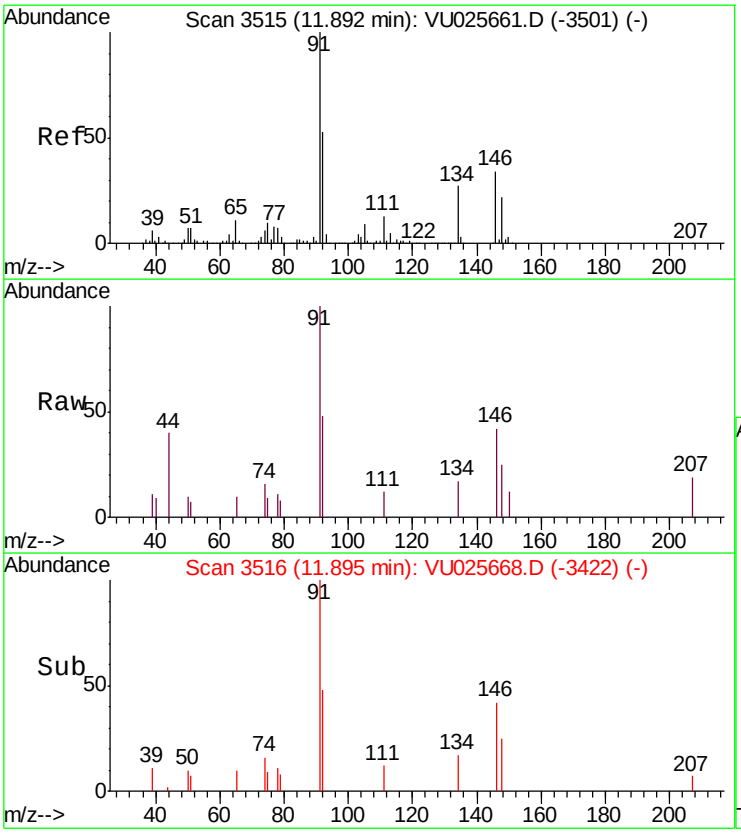
#88
1,4-Dichlorobenzene
Concen: 0.33 ug/l
RT: 11.42 min Scan# 3369
Delta R.T. -0.09 min
Lab File: VU025668.D
Acq: 27 Jul 2018 14:48

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2018

Tgt Ion:146 Resp: 1582

Ion	Ratio	Lower	Upper
146	100		
111	34.5	19.4	58.1
148	59.0	31.7	95.1

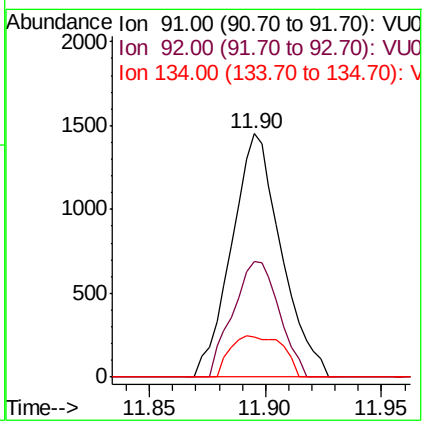


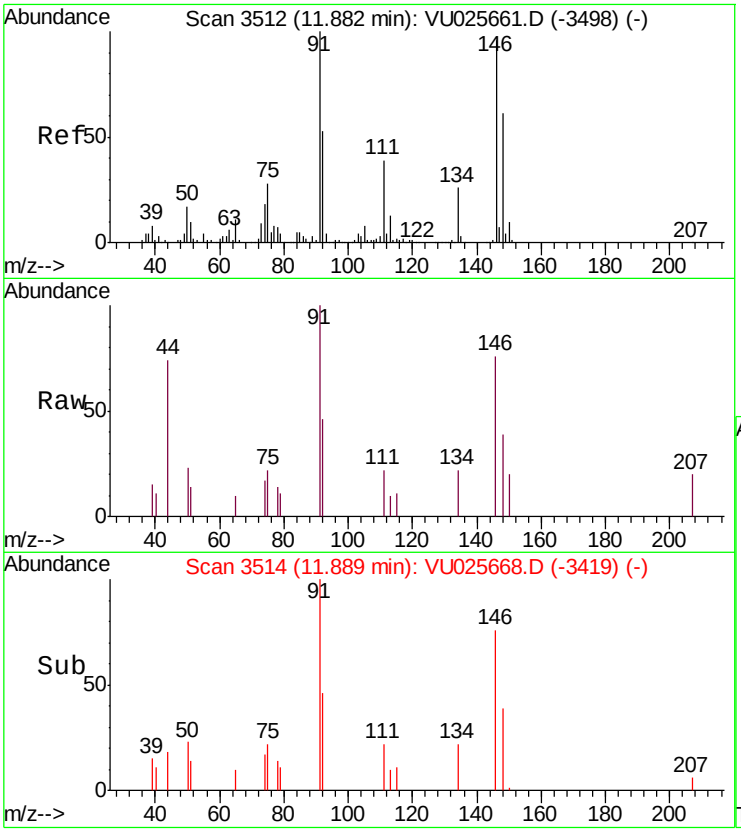


#89
n-Butylbenzene
Concen: 0.28 ug/l
RT: 11.90 min Scan# 3516
Delta R.T. 0.00 min
Lab File: VU025668.D
Acq: 27 Jul 2018 14:48

Tgt Ion: 91 Resp: 2149

Ion	Ratio	Lower	Upper
91	100		
92	44.4	26.5	79.5
134	17.7	13.6	40.7



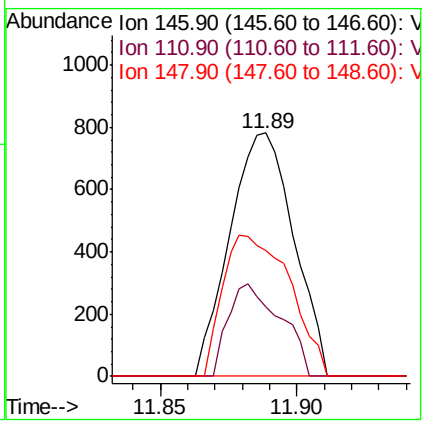


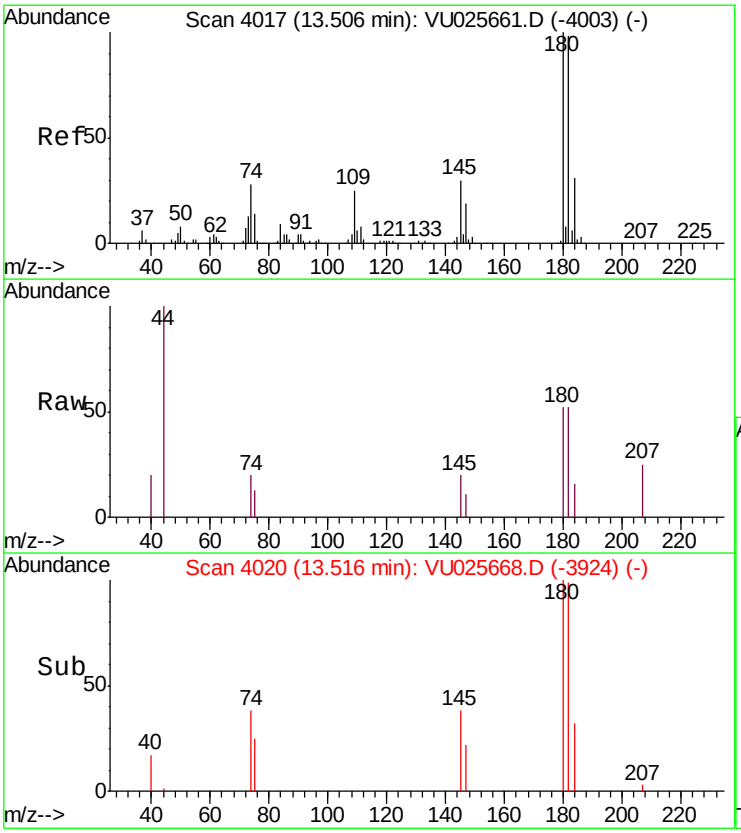
#91
1,2-Dichlorobenzene
Concen: 0.28 ug/l
RT: 11.89 min Scan# 3514
Delta R.T. 0.01 min
Lab File: VU025668.D
Acq: 27 Jul 2018 14:48

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2018

Tgt Ion:146 Resp: 1270

Ion	Ratio	Lower	Upper
146	100		
111	31.4	20.6	61.8
148	61.3	31.5	94.5

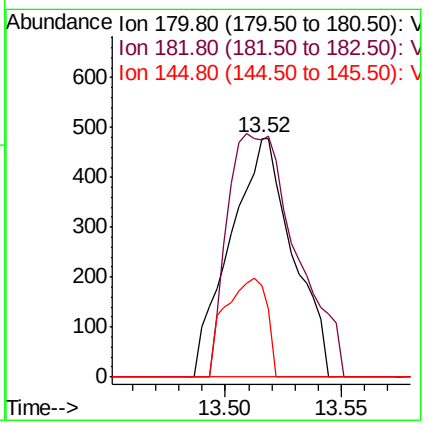


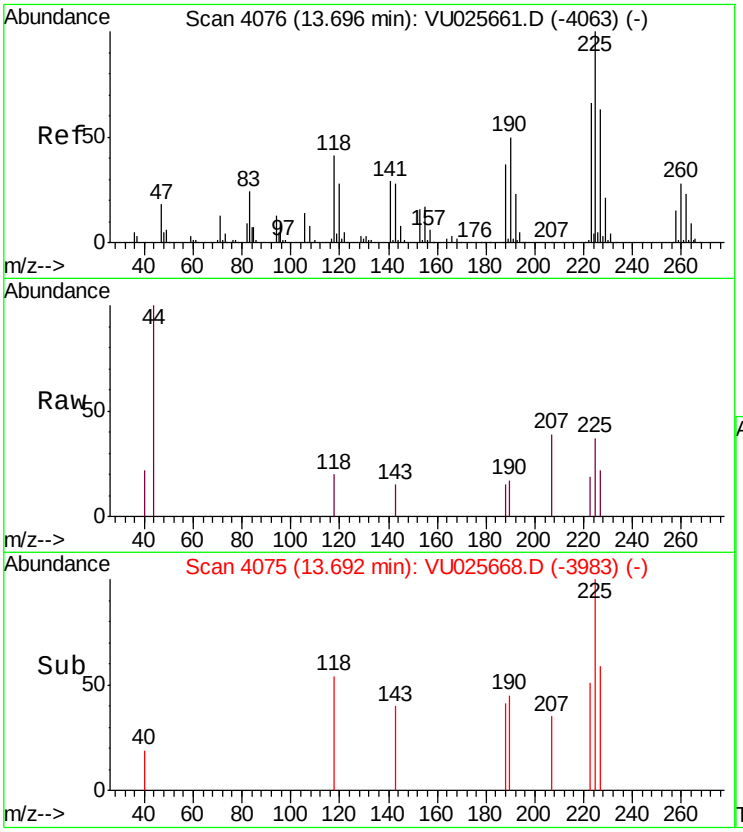


#93
1,2,4-Trichlorobenzene
Concen: 0.29 ug/l
RT: 13.52 min Scan# 4020
Delta R.T. 0.01 min
Lab File: VU025668.D
Acq: 27 Jul 2018 14:48

Tgt Ion:180 Resp: 895

Ion	Ratio	Lower	Upper
180	100		
182	111.8	47.3	141.9
145	27.7	14.9	44.7



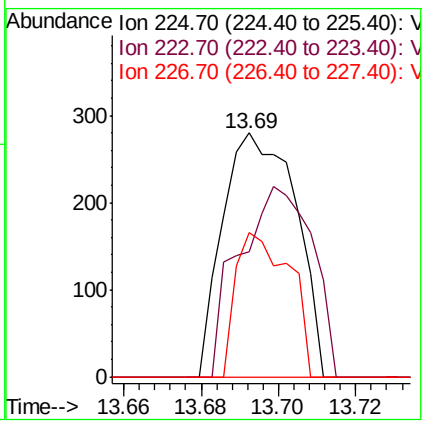


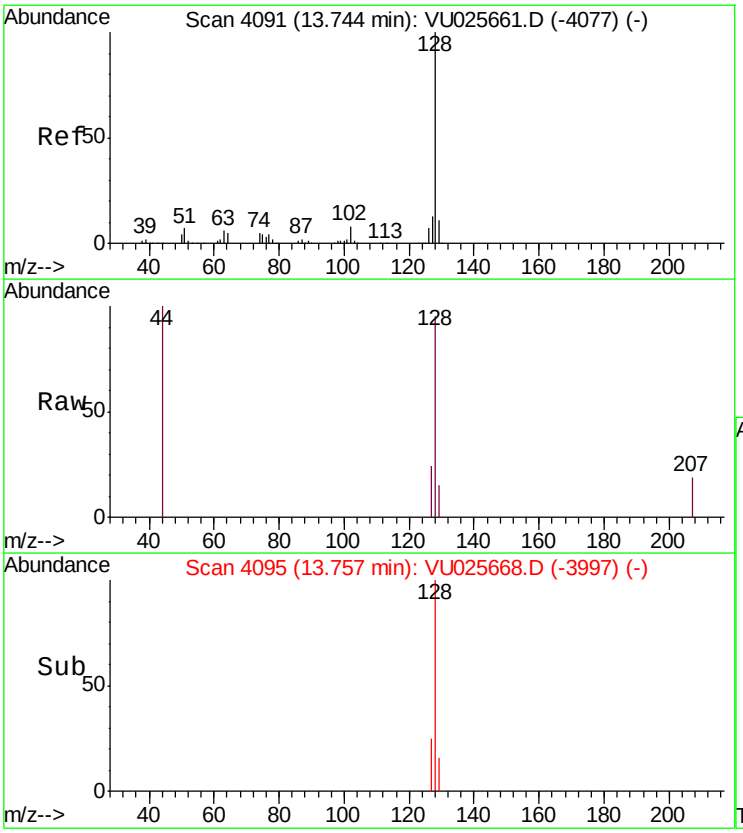
#94
Hexachlorobutadiene
Concen: 0.23 ug/l
RT: 13.69 min Scan# 4075
Delta R.T. -0.00 min
Lab File: VU025668.D
Acq: 27 Jul 2018 14:48

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2018

Tgt Ion:225 Resp: 366

Ion	Ratio	Lower	Upper
225	100		
223	78.7	31.9	95.7
227	43.4	32.3	96.9

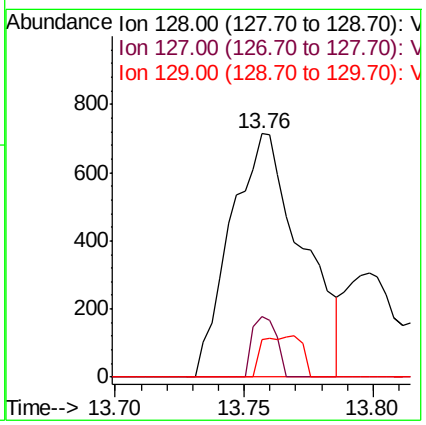


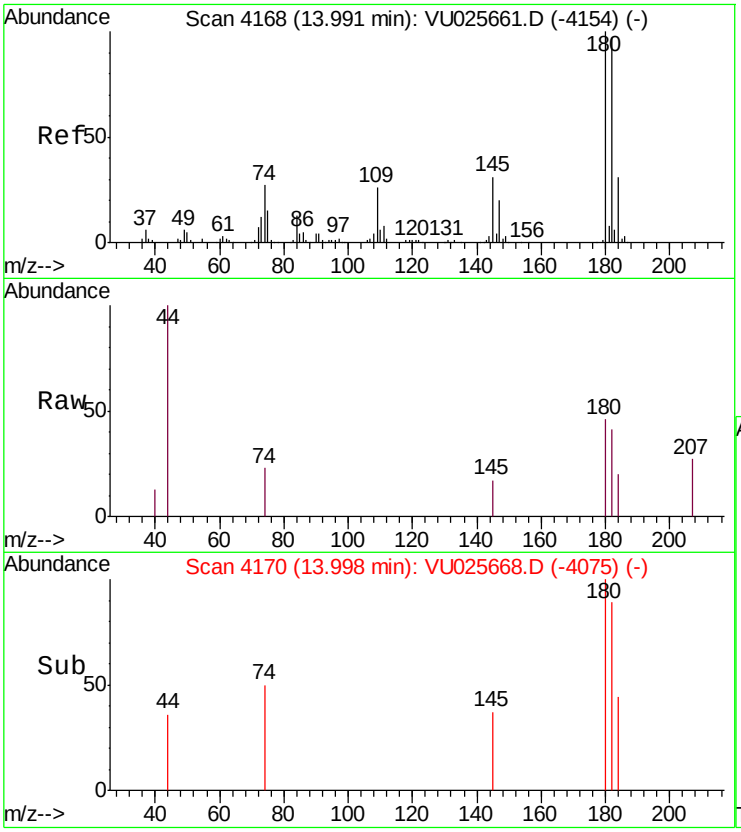


#95
Naphthalene
Concen: 1.39 ug/l
RT: 13.76 min Scan# 4095
Delta R.T. 0.01 min
Lab File: VU025668.D
Acq: 27 Jul 2018 14:48

Tgt Ion:128 Resp: 1378

Ion	Ratio	Lower	Upper
128	100		
127	8.6	10.5	15.7#
129	9.5	8.3	12.5





#96
1,2,3-Trichlorobenzene
Concen: 0.28 ug/l
RT: 14.00 min Scan# 4170
Delta R.T. 0.01 min
Lab File: VU025668.D
Acq: 27 Jul 2018 14:48

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2018

Tgt Ion:180 Resp: 864

Ion	Ratio	Lower	Upper
180	100		
182	78.0	47.8	143.3
145	16.7	15.6	46.8