

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_U\DATA\VU101118\  
 Data File : VU027594.D  
 Acq On : 11 Oct 2018 13:24  
 Operator : MD/SY  
 Sample : J5164-07 2.5ppb  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 14 Sample Multiplier: 1

**Instrument :**  
 MSVOA\_U  
**Client Sampled :**  
 LOD-MDL-WATER-01-QT4-2018

Quant Time: Oct 11 14:13:18 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\82U101118W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Oct 11 10:41:56 2018  
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	91925	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	159735	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	142549	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	61062	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.31	65	56776	39.90	ug/l	0.00
Spiked Amount				50.000		
Recovery				=	79.80%	
35) Dibromofluoromethane	4.89	113	40732	38.54	ug/l	0.00
Spiked Amount				50.000		
Recovery				=	77.08%	
50) Toluene-d8	7.57	98	149579	37.17	ug/l	0.00
Spiked Amount				50.000		
Recovery				=	74.34%	
62) 4-Bromofluorobenzene	10.31	95	48664	33.53	ug/l	0.00
Spiked Amount				50.000		
Recovery				=	67.06%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.21	85	2144	2.14	ug/l	86
3) Chloromethane	1.33	50	3802	2.43	ug/l	97
4) Vinyl Chloride	1.40	62	3257	2.21	ug/l	100
5) Bromomethane	1.62	94	1931	2.42	ug/l	99
6) Chloroethane	1.70	64	2489	1.70	ug/l	95
7) Trichlorofluoromethane	1.89	101	3508	2.13	ug/l	96
8) Diethyl Ether	2.11	74	1671	2.25	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	2.29	101	2011	2.09	ug/l	96
10) Methyl Iodide	2.41	142	996	4.18	ug/l #	81
11) Tert butyl alcohol	2.83	59	3472	10.01	ug/l #	88
12) 1,1-Dichloroethene	2.28	96	2106	2.23	ug/l	98
13) Acrolein	2.20	56	3002	10.91	ug/l	91
14) Allyl chloride	2.59	41	4652	2.03	ug/l	97
15) Acrylonitrile	2.94	53	8986	10.90	ug/l	96
16) Acetone	2.32	43	9696	11.18	ug/l	99
17) Carbon Disulfide	2.48	76	7110	2.20	ug/l #	92
18) Methyl Acetate	2.62	43	4606	2.12	ug/l	93
19) Methyl tert-butyl Ether	3.00	73	7547	2.08	ug/l	100
20) Methylene Chloride	2.70	84	2577	2.10	ug/l	93
21) trans-1,2-Dichloroethene	2.98	96	2219	2.13	ug/l	93
22) Diisopropyl ether	3.58	45	8958	2.04	ug/l #	84
23) Vinyl Acetate	3.53	43	38035	10.26	ug/l	99
24) 1,1-Dichloroethane	3.45	63	5094	2.19	ug/l #	94
25) 2-Butanone	4.28	43	13646	11.10	ug/l	97
26) 2,2-Dichloropropane	4.23	77	3875	2.08	ug/l	98
27) cis-1,2-Dichloroethene	4.23	96	2597	2.25	ug/l	99
28) Bromochloromethane	4.55	49	2375	2.07	ug/l #	99
29) Tetrahydrofuran	4.65	42	8635	11.20	ug/l	96
30) Chloroform	4.68	83	4617	2.24	ug/l	93
31) Cyclohexane	4.99	56	6549	1.76	ug/l #	65
32) 1,1,1-Trichloroethane	4.92	97	3799	2.18	ug/l	95
36) 1,1-Dichloropropene	5.14	75	3214	1.98	ug/l	94
37) Ethyl Acetate	4.40	43	4924	2.09	ug/l #	85
38) Carbon Tetrachloride	5.14	117	3167	2.12	ug/l #	82

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	3605	1.97	ug/l	97
40) Benzene	5.40	78	10573	2.15	ug/l	99
41) Methacrylonitrile	4.55	41	2433	2.46	ug/l	93
42) 1,2-Dichloroethane	5.41	62	3995	2.20	ug/l	90
43) Isopropyl Acetate	5.56	43	6951	2.06	ug/l	96
44) Trichloroethene	6.19	130	2216	2.05	ug/l	98
45) 1,2-Dichloropropane	6.44	63	2669	1.91	ug/l	89
46) Dibromomethane	6.57	93	1699	2.07	ug/l	98
47) Bromodichloromethane	6.76	83	3306	2.00	ug/l #	94
48) Methyl methacrylate	6.63	41	2979	3.05	ug/l	99
49) 1,4-Dioxane	6.62	88	1281	39.74	ug/l #	79
51) 4-Methyl-2-Pentanone	7.47	43	21487	9.49	ug/l	99
52) Toluene	7.64	92	5835	2.08	ug/l	91
53) t-1,3-Dichloropropene	7.89	75	3626	1.93	ug/l	97
54) cis-1,3-Dichloropropene	7.27	75	3919	1.91	ug/l	95
55) 1,1,2-Trichloroethane	8.07	97	2252	1.94	ug/l #	80
56) Ethyl methacrylate	8.03	69	3333	3.67	ug/l	91
57) 1,3-Dichloropropane	8.25	76	4496	2.04	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.13	63	8791	12.80	ug/l	95
59) 2-Hexanone	8.37	43	16193	9.16	ug/l	96
60) Dibromochloromethane	8.48	129	2362	2.04	ug/l	94
61) 1,2-Dibromoethane	8.59	107	2560	2.10	ug/l	95
64) Tetrachloroethene	8.23	164	2010	2.27	ug/l	91
65) Chlorobenzene	9.12	112	6474	2.19	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.21	131	2119	2.10	ug/l	98
67) Ethyl Benzene	9.25	91	9865	1.94	ug/l	95
68) m/p-Xylenes	9.38	106	6681	3.61	ug/l	98
69) o-Xylene	9.78	106	3553	1.97	ug/l	93
70) Styrene	9.80	104	4883	2.69	ug/l	93
71) Bromoform	9.96	173	1484	1.77	ug/l #	95
73) Isopropylbenzene	10.17	105	8648	2.10	ug/l	100
74) N-amyl acetate	10.02	43	4427	1.83	ug/l #	94
75) 1,1,2,2-Tetrachloroethane	10.46	83	4142	2.34	ug/l	98
76) 1,2,3-Trichloropropane	10.50	75	4953	2.83	ug/l	82
77) Bromobenzene	10.45	156	2270	2.25	ug/l	88
78) n-propylbenzene	10.59	91	9964	2.00	ug/l	97
79) 2-Chlorotoluene	10.66	91	6822	2.23	ug/l	98
80) 1,3,5-Trimethylbenzene	10.77	105	6531	1.59	ug/l	93
81) trans-1,4-Dichloro-2-buten	10.50	75	4953	3.33	ug/l #	100
82) 4-Chlorotoluene	10.78	91	7454	2.18	ug/l	99
83) tert-Butylbenzene	11.10	119	7353	2.19	ug/l	98
84) 1,2,4-Trimethylbenzene	11.15	105	6655	1.76	ug/l	100
85) sec-Butylbenzene	11.33	105	7830	2.05	ug/l	98
86) p-Isopropyltoluene	11.48	119	6339	2.11	ug/l	97
87) 1,3-Dichlorobenzene	11.42	146	4189	2.24	ug/l	98
88) 1,4-Dichlorobenzene	11.51	146	4160	2.10	ug/l	82
89) n-Butylbenzene	11.89	91	5355	2.97	ug/l	96
90) Hexachloroethane	12.14	117	1546	2.27	ug/l	87
91) 1,2-Dichlorobenzene	11.88	146	4191	2.22	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	804	2.08	ug/l	89

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Response via : Initial Calibration

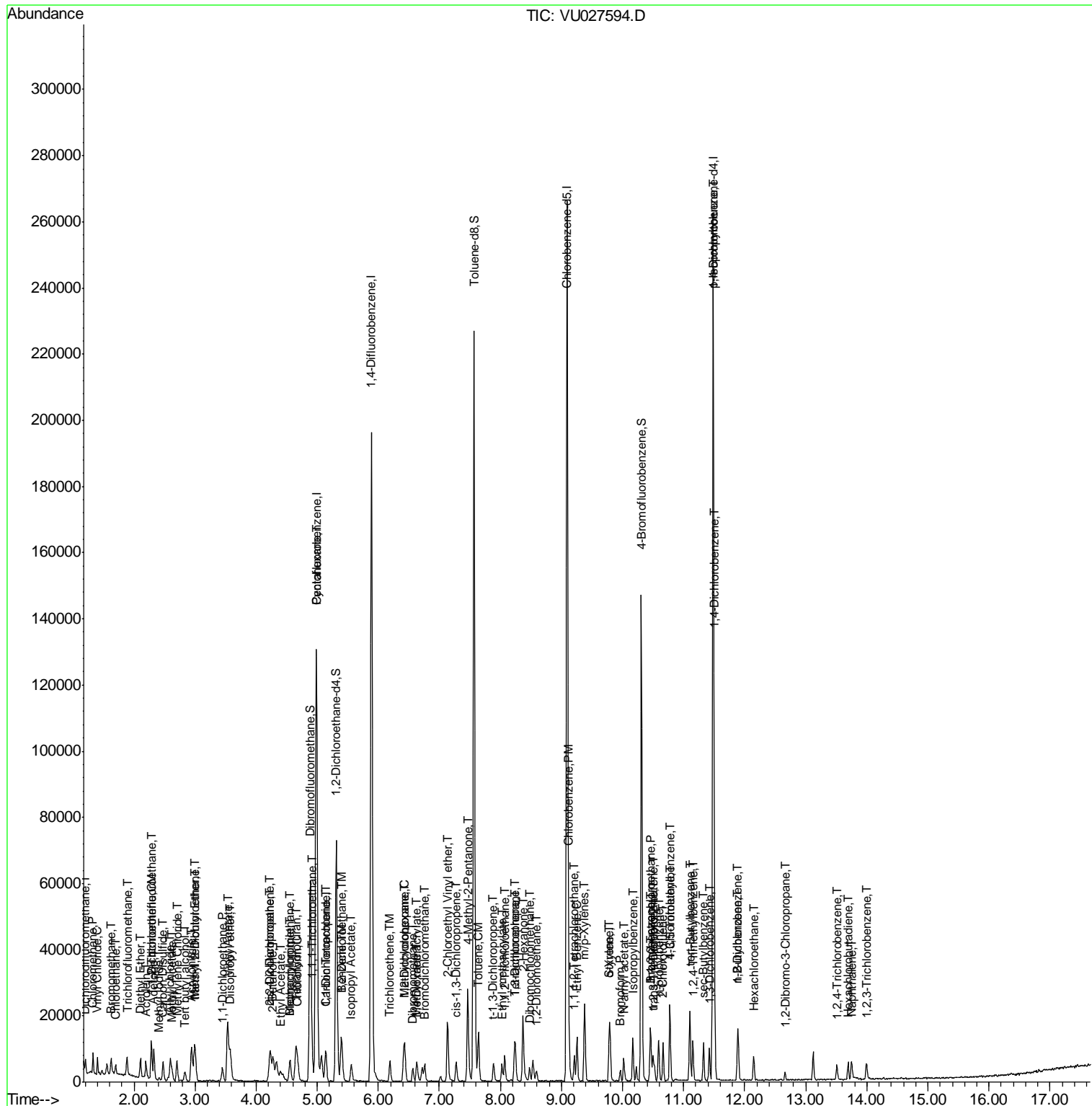
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.51	180	1875	3.03	ug/l	94
94) Hexachlorobutadiene	13.69	225	1329	2.20	ug/l	91
95) Naphthalene	13.75	128	6410	2.65	ug/l #	96
96) 1,2,3-Trichlorobenzene	14.00	180	2309	1.86	ug/l	97

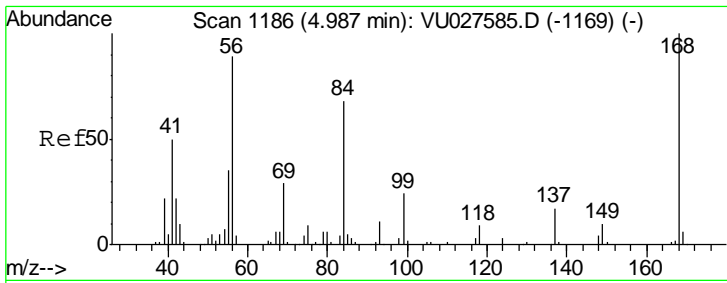
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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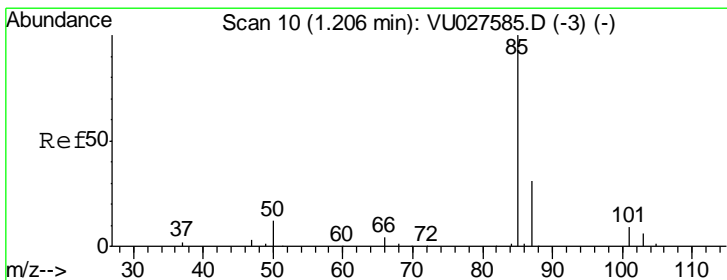
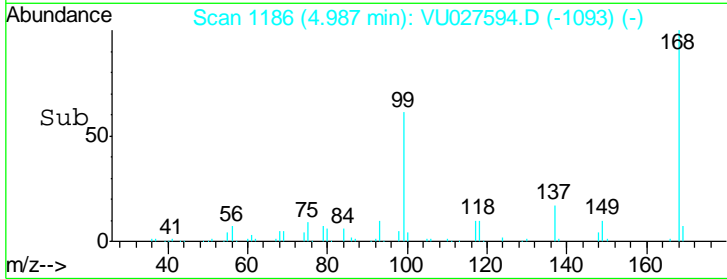
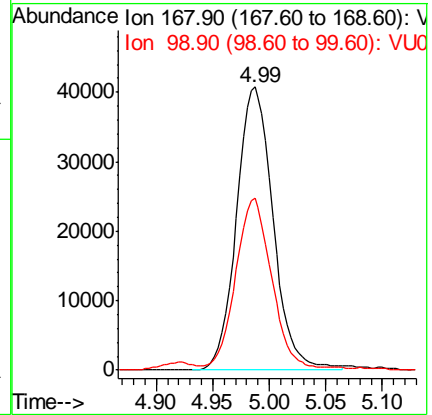
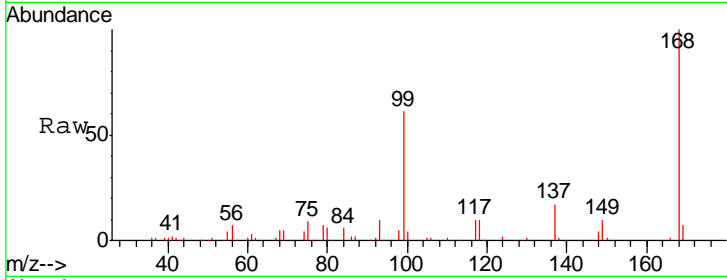




#1  
 Pentafluorobenzene  
 Concen: 50.00 ug/l  
 RT: 4.99 min Scan# 1186  
 Delta R.T. 0.00 min  
 Lab File: VU027594.D  
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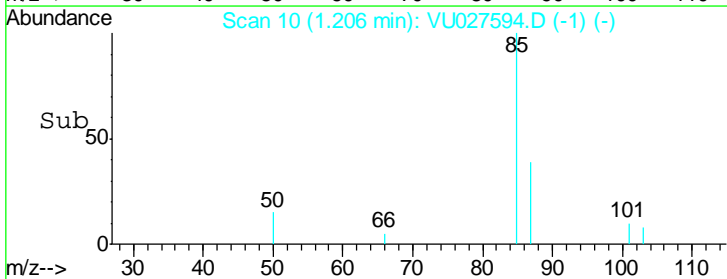
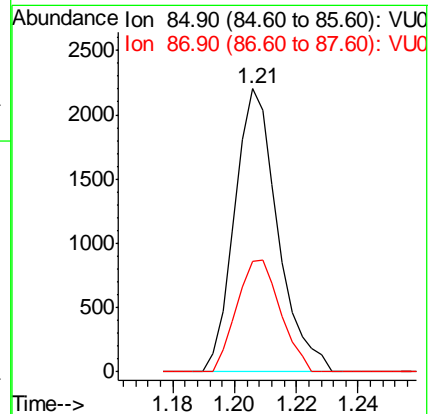
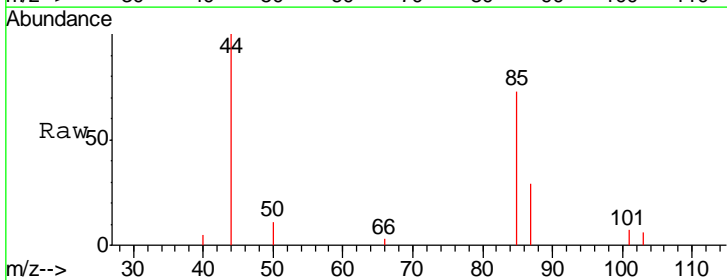
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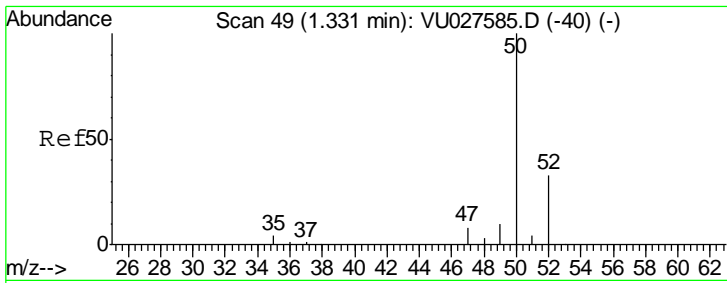
Tgt Ion: 168 Resp: 91925  
 Ion Ratio Lower Upper  
 168 100  
 99 60.0 50.8 76.2



#2  
 Dichlorodifluoromethane  
 Concen: 2.14 ug/l  
 RT: 1.21 min Scan# 10  
 Delta R.T. 0.00 min  
 Lab File: VU027594.D  
 Acq: 11 Oct 2018 13:24

Tgt Ion: 85 Resp: 2144  
 Ion Ratio Lower Upper  
 85 100  
 87 39.1 15.7 47.1

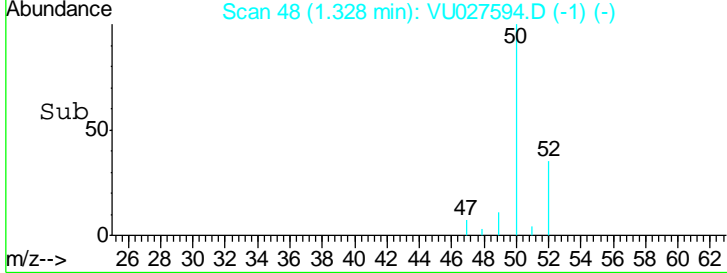
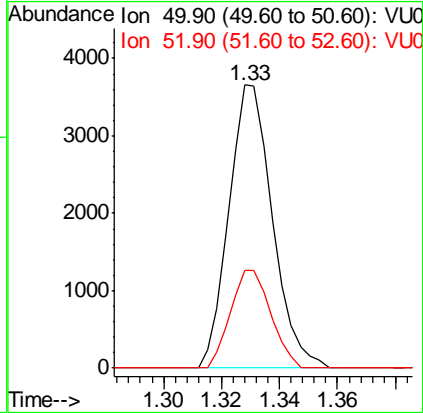
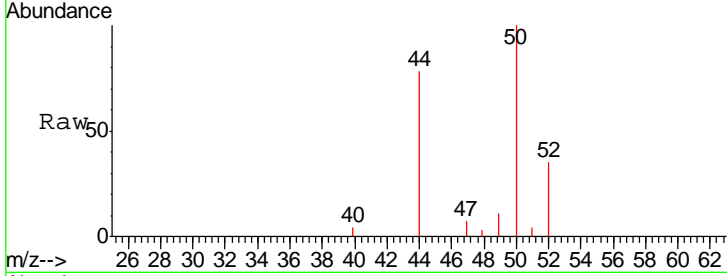




#3  
 Chloromethane  
 Concen: 2.43 ug/l  
 RT: 1.33 min Scan# 48  
 Delta R.T. -0.00 min  
 Lab File: VU027594.D  
 Acq: 11 Oct 2018 13:24

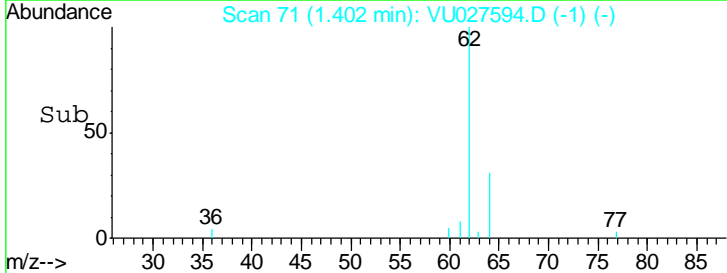
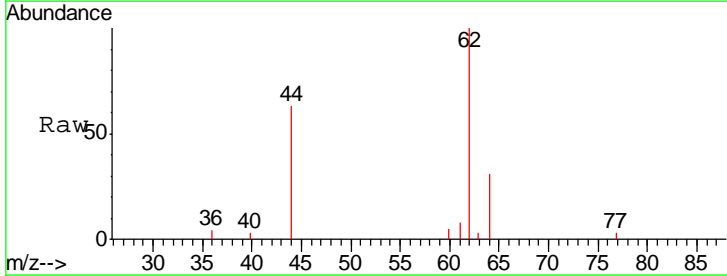
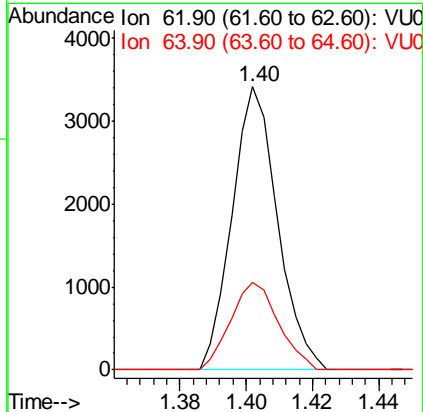
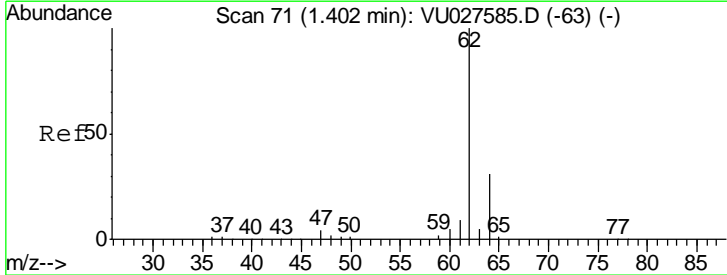
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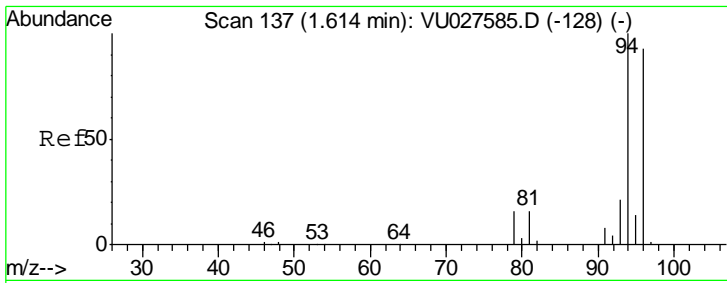
Tgt Ion	Resp	Lower	Upper
50	3802		
50	100		
52	34.6	26.5	39.7



#4  
 Vinyl Chloride  
 Concen: 2.21 ug/l  
 RT: 1.40 min Scan# 71  
 Delta R.T. 0.00 min  
 Lab File: VU027594.D  
 Acq: 11 Oct 2018 13:24

Tgt Ion	Resp	Lower	Upper
62	3257		
62	100		
64	31.1	24.9	37.3

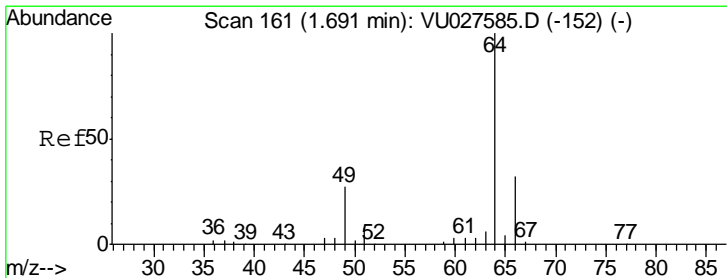
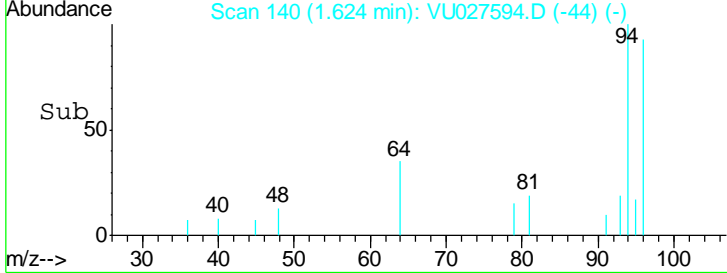
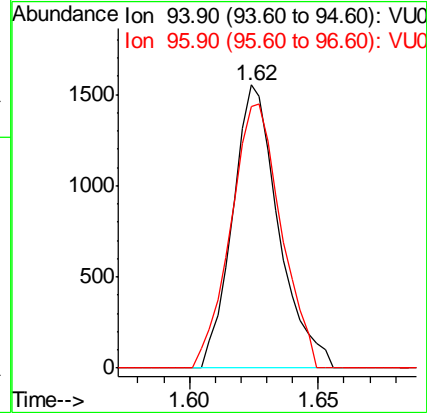
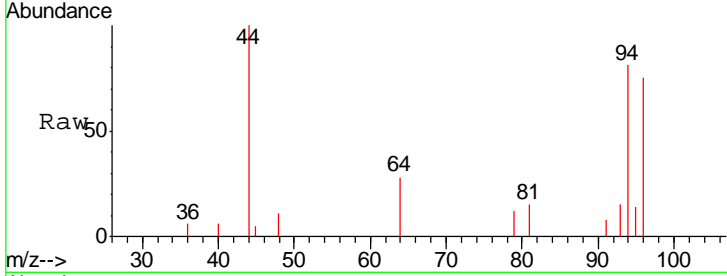




#5  
 Bromomethane  
 Concen: 2.42 ug/l  
 RT: 1.62 min Scan# 140  
 Delta R.T. 0.01 min  
 Lab File: VU027594.D  
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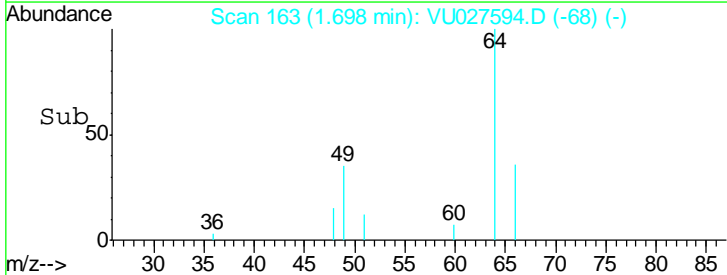
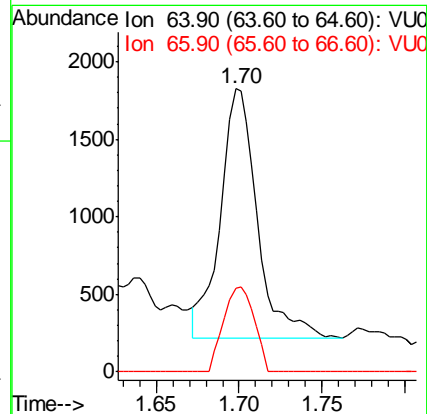
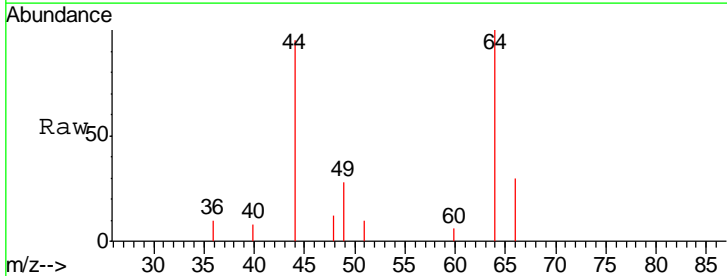
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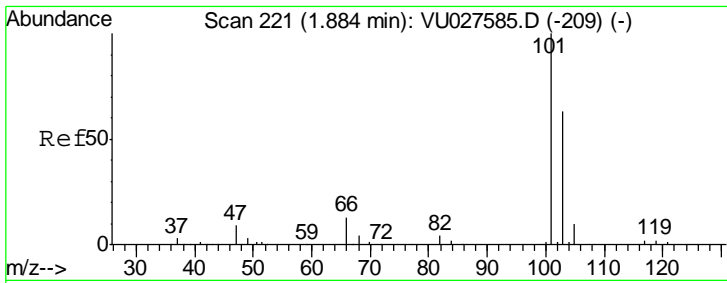
Tgt Ion: 94 Resp: 1931  
 Ion Ratio Lower Upper  
 94 100  
 96 92.5 74.6 111.8



#6  
 Chloroethane  
 Concen: 1.70 ug/l  
 RT: 1.70 min Scan# 163  
 Delta R.T. 0.01 min  
 Lab File: VU027594.D  
 Acq: 11 Oct 2018 13:24

Tgt Ion: 64 Resp: 2489  
 Ion Ratio Lower Upper  
 64 100  
 66 33.7 24.6 36.8

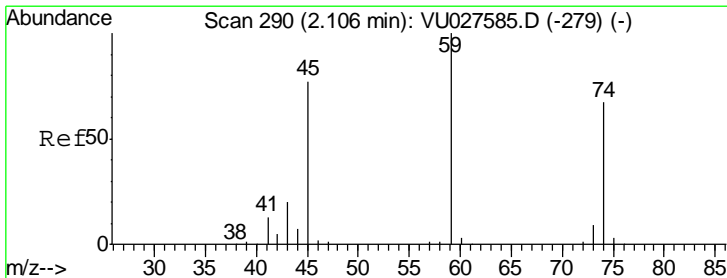
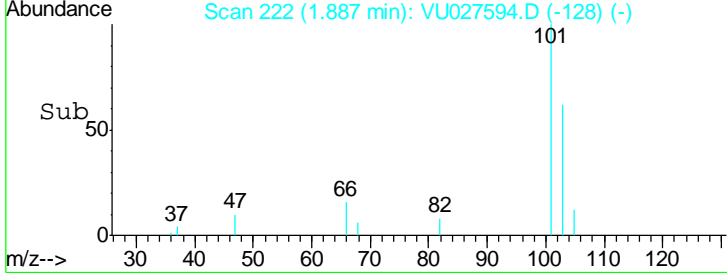
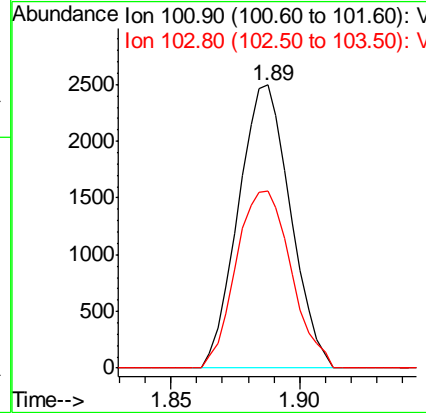
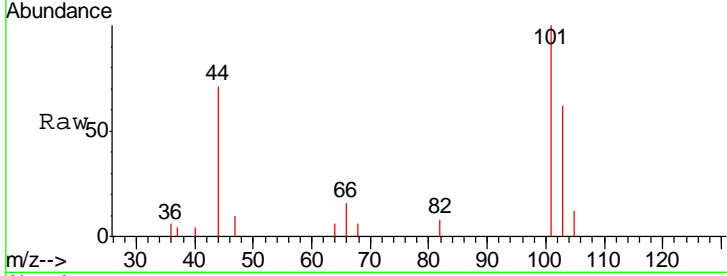




#7  
 Trichlorofluoromethane  
 Concen: 2.13 ug/l  
 RT: 1.89 min Scan# 222  
 Delta R.T. 0.00 min  
 Lab File: VU027594.D  
 Acq: 11 Oct 2018 13:24

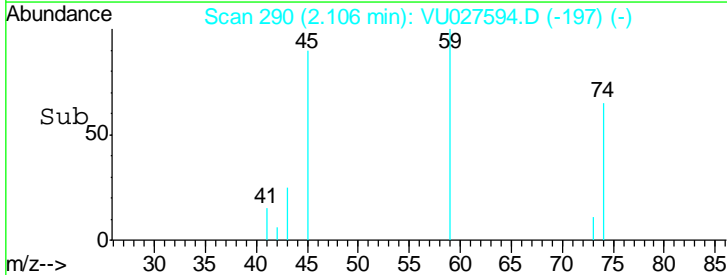
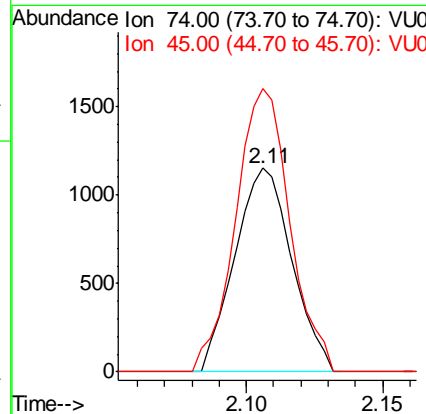
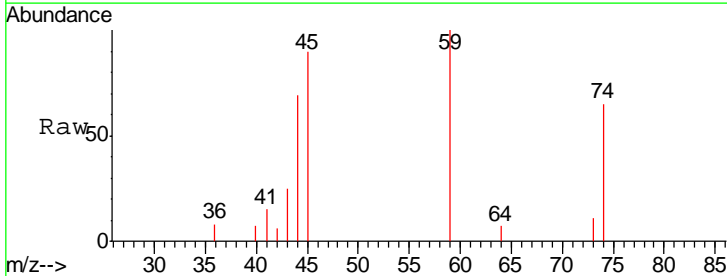
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**ClientSampled :**  
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Tgt Ion: 101 Resp: 3508  
 Ion Ratio Lower Upper  
 101 100  
 103 62.4 52.6 78.8

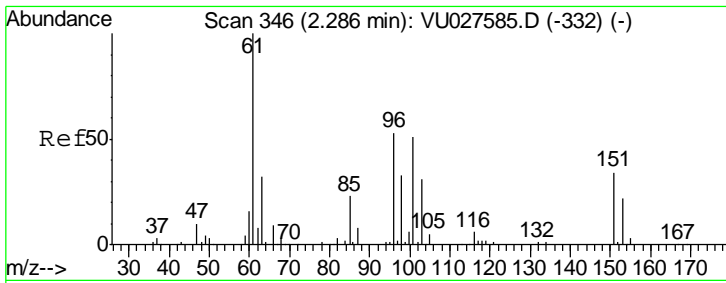


#8  
 Diethyl Ether  
 Concen: 2.25 ug/l  
 RT: 2.11 min Scan# 290  
 Delta R.T. 0.00 min  
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Tgt Ion: 74 Resp: 1671  
 Ion Ratio Lower Upper  
 74 100  
 45 132.1 60.4 181.1



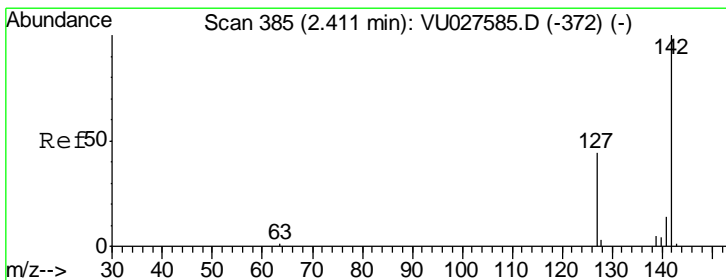
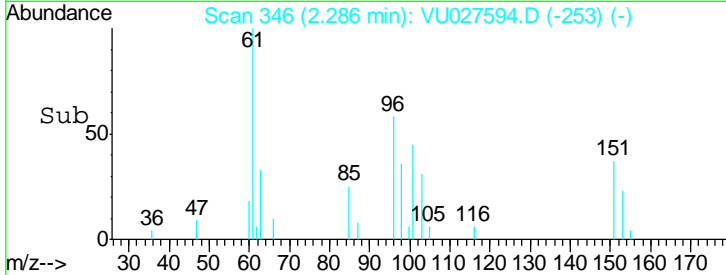
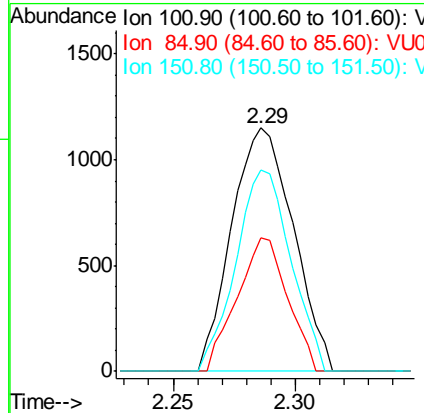
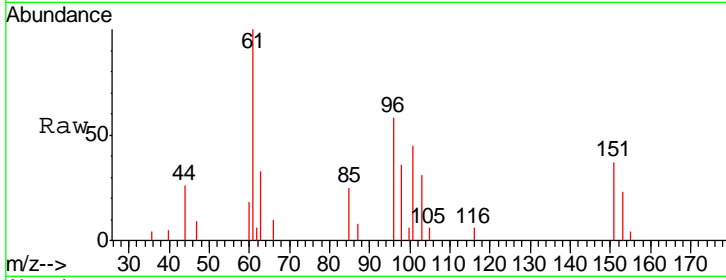




#9  
 1,1,2-Trichlorotrifluoroethane  
 Concen: 2.09 ug/l  
 RT: 2.29 min Scan# 346  
 Delta R.T. 0.00 min  
 Lab File: VU027594.D  
 Acq: 11 Oct 2018 13:24

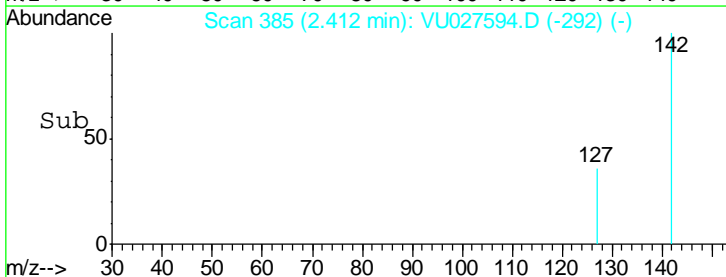
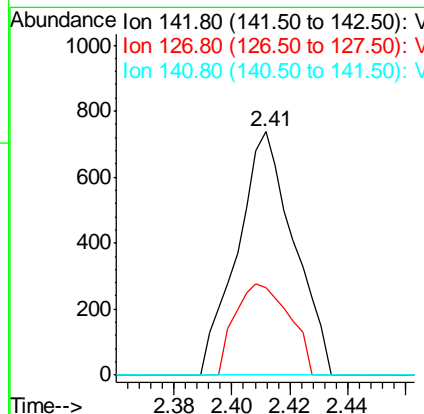
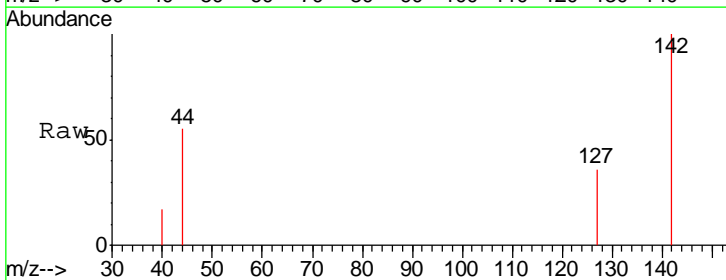
Instrument : MSVOA\_U  
 ClientSampled : LOD-MDL-WATER-01-QT4-2018

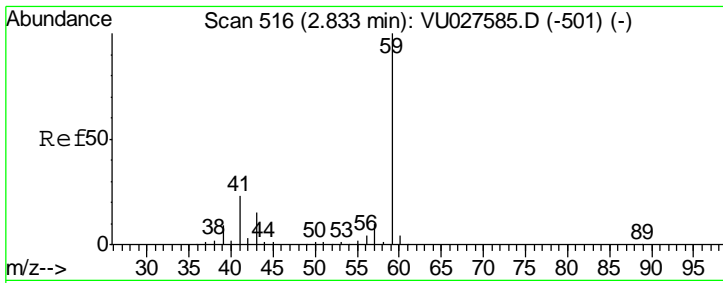
Tgt Ion	Resp	Lower	Upper
101	2011		
101	100		
85	44.8	37.5	56.3
151	73.9	55.6	83.4



#10  
 Methyl Iodide  
 Concen: 4.18 ug/l  
 RT: 2.41 min Scan# 385  
 Delta R.T. 0.00 min  
 Lab File: VU027594.D  
 Acq: 11 Oct 2018 13:24

Tgt Ion	Resp	Lower	Upper
142	996		
142	100		
127	36.1	36.3	54.5#
141	0.0	11.6	17.4#

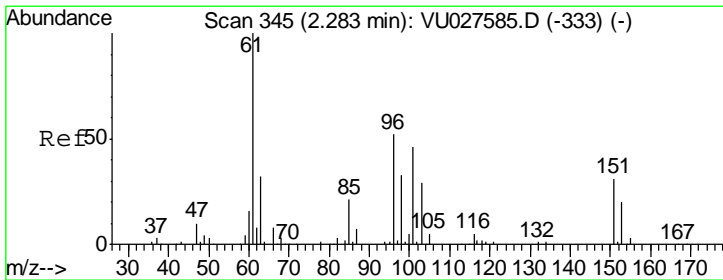
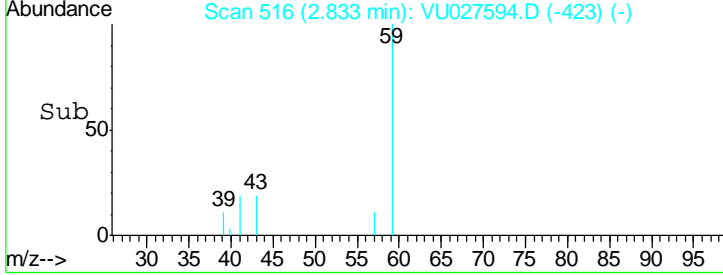
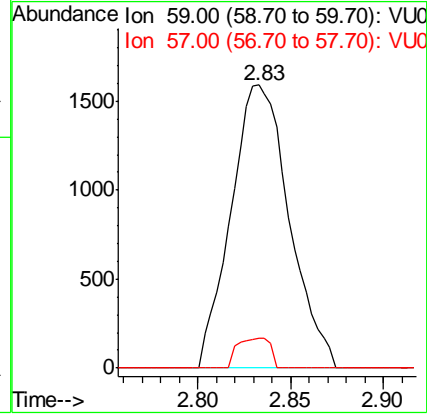
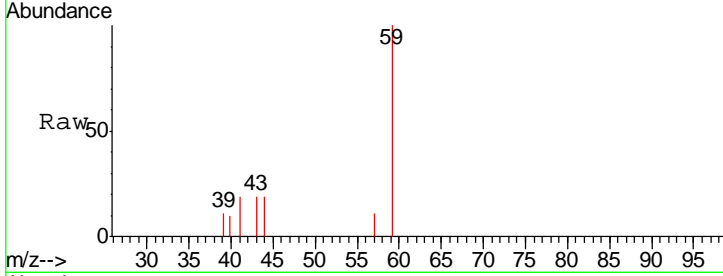




#11  
 Tert butyl alcohol  
 Concen: 10.01 ug/l  
 RT: 2.83 min Scan# 516  
 Delta R.T. 0.00 min  
 Lab File: VU027594.D  
 Acq: 11 Oct 2018 13:24

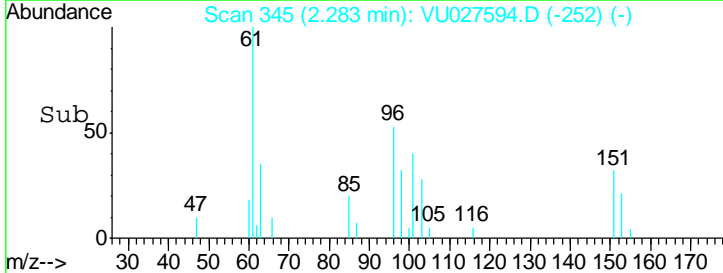
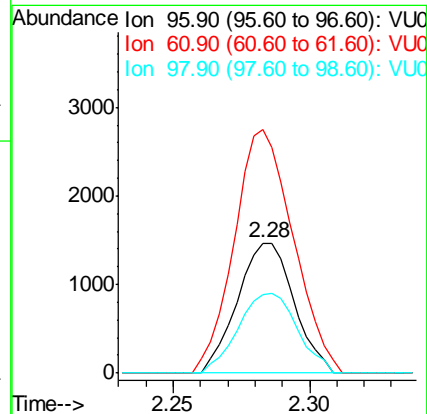
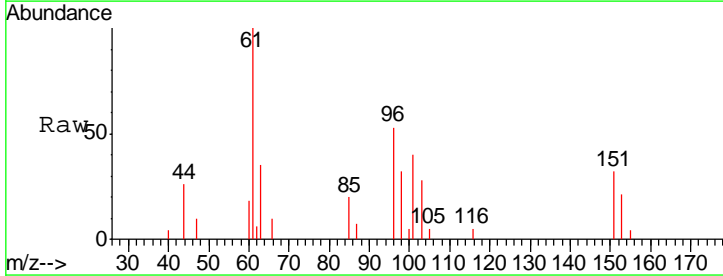
**Instrument :**  
 MSVOA\_U  
**ClientSampled :**  
 LOD-MDL-WATER-01-QT4-2018

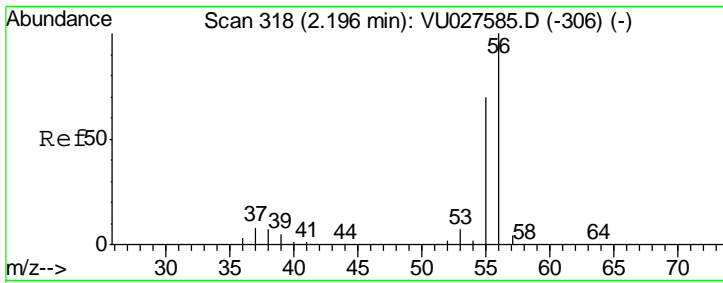
Tgt Ion	Resp	Lower	Upper
59	100		
57	6.0	8.4	12.6#



#12  
 1,1-Dichloroethene  
 Concen: 2.23 ug/l  
 RT: 2.28 min Scan# 345  
 Delta R.T. 0.00 min  
 Lab File: VU027594.D  
 Acq: 11 Oct 2018 13:24

Tgt Ion	Resp	Lower	Upper
96	100		
61	187.3	153.0	229.6
98	60.6	49.3	73.9



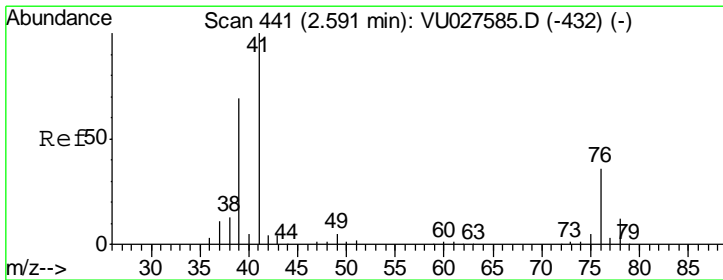
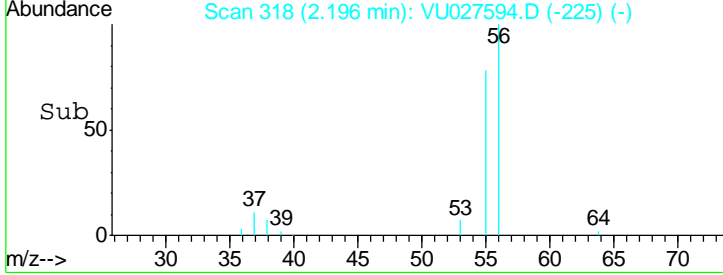
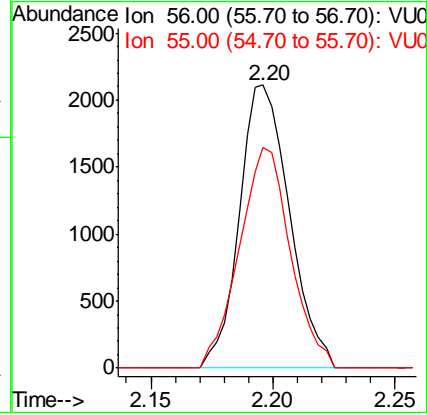
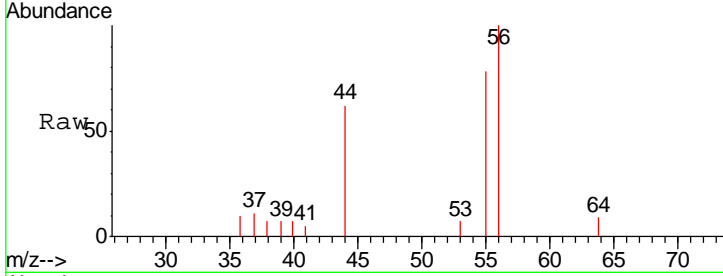


#13  
 Acrolein  
 Concen: 10.91 ug/l  
 RT: 2.20 min Scan# 318  
 Delta R.T. 0.00 min  
 Lab File: VU027594.D  
 Acq: 11 Oct 2018 13:24

Instrument : MSVOA\_U  
 ClientSampled : LOD-MDL-WATER-01-QT4-2018

Tgt Ion: 56 Resp: 3002

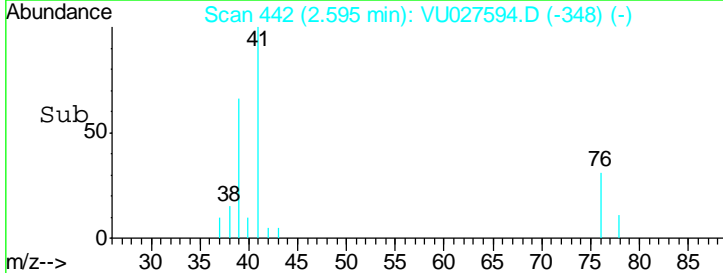
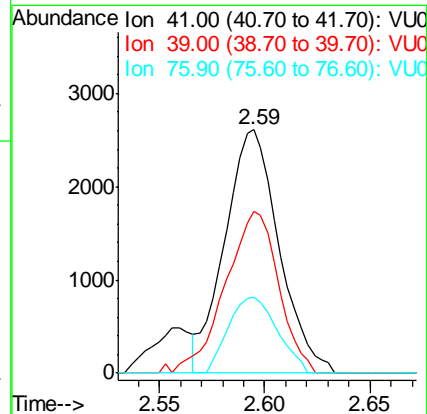
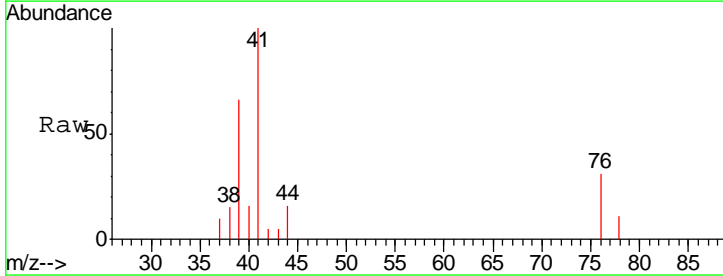
Ion	Ratio	Lower	Upper
56	100		
55	79.5	57.7	86.5

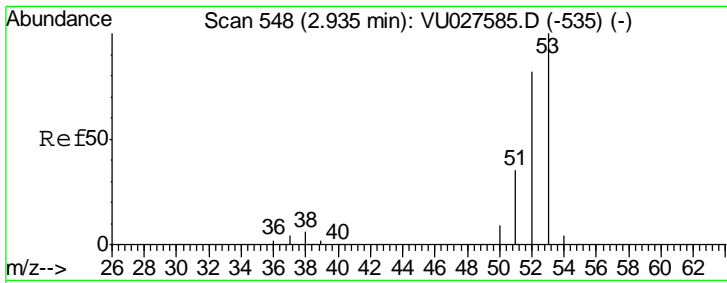


#14  
 Allyl chloride  
 Concen: 2.03 ug/l  
 RT: 2.59 min Scan# 442  
 Delta R.T. 0.00 min  
 Lab File: VU027594.D  
 Acq: 11 Oct 2018 13:24

Tgt Ion: 41 Resp: 4652

Ion	Ratio	Lower	Upper
41	100		
39	65.6	51.8	77.8
76	28.1	25.9	38.9

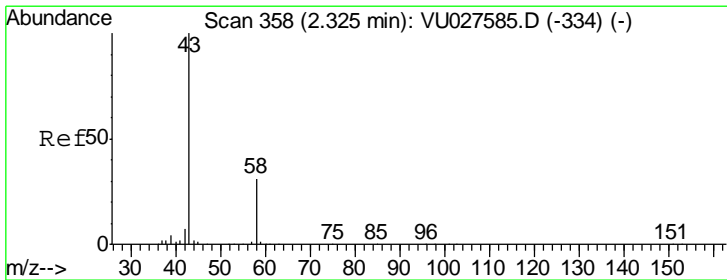
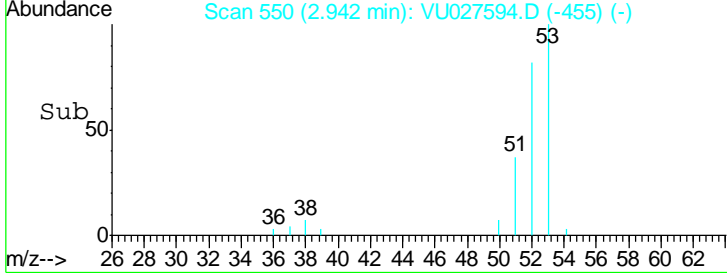
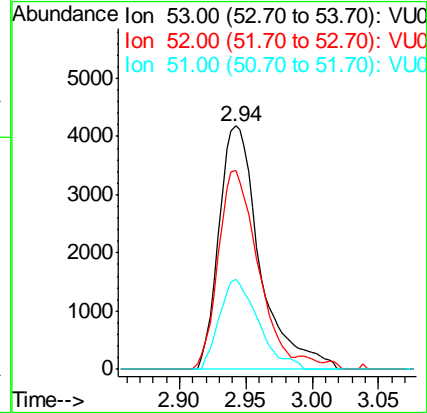
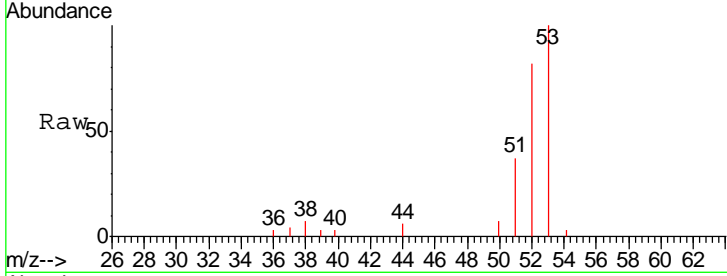




#15  
 Acrylonitrile  
 Concen: 10.90 ug/l  
 RT: 2.94 min Scan# 550  
 Delta R.T. 0.01 min  
 Lab File: VU027594.D  
 Acq: 11 Oct 2018 13:24

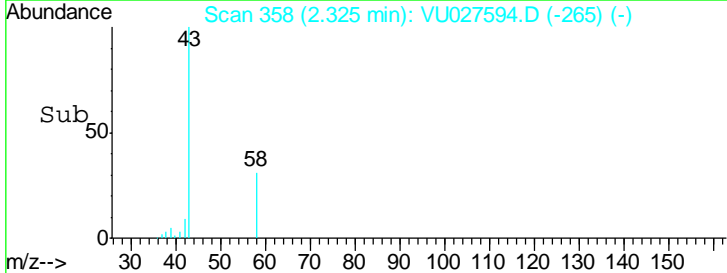
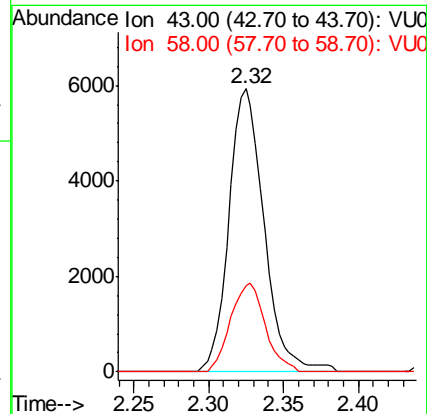
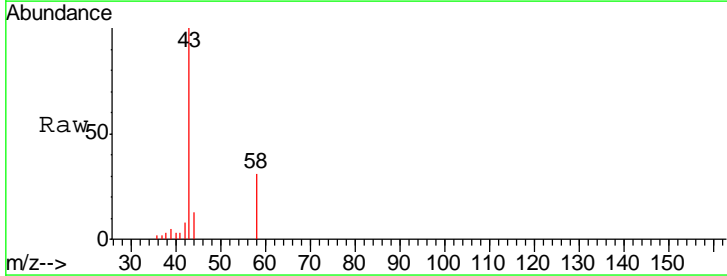
**Instrument :**  
 MSVOA\_U  
**ClientSampleId :**  
 LOD-MDL-WATER-01-QT4-2018

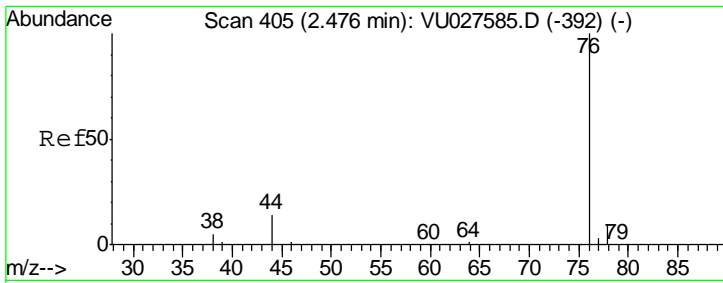
Tgt Ion	Resp	Lower	Upper
53	100		
52	78.4	66.5	99.7
51	35.0	27.6	41.4



#16  
 Acetone  
 Concen: 11.18 ug/l  
 RT: 2.32 min Scan# 358  
 Delta R.T. 0.00 min  
 Lab File: VU027594.D  
 Acq: 11 Oct 2018 13:24

Tgt Ion	Resp	Lower	Upper
43	100		
58	30.7	24.2	36.4

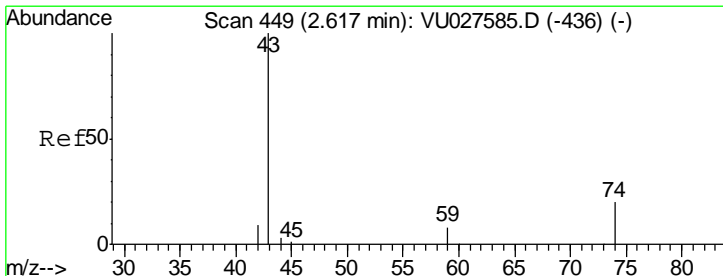
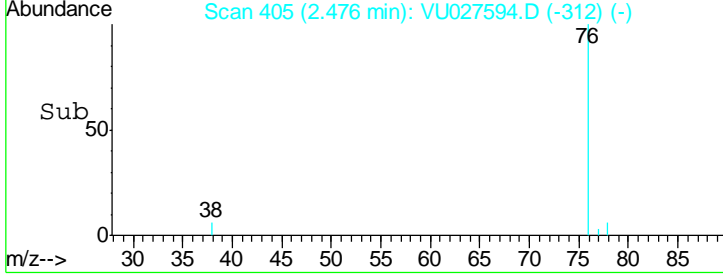
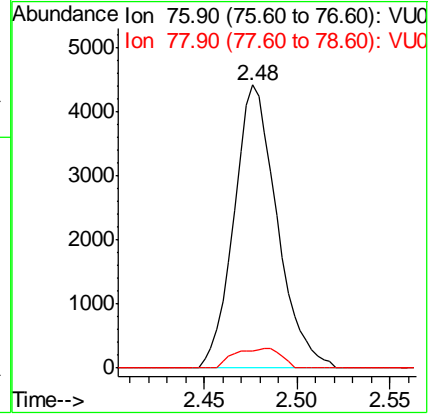
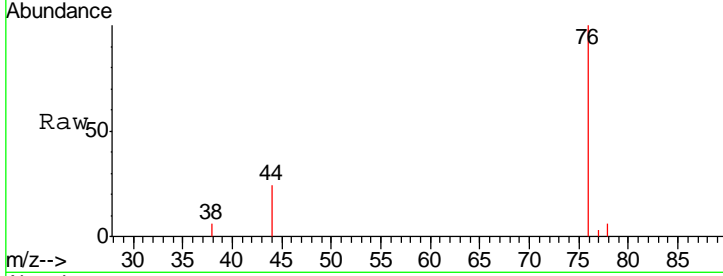




#17  
 Carbon Disulfide  
 Concen: 2.20 ug/l  
 RT: 2.48 min Scan# 405  
 Delta R.T. 0.00 min  
 Lab File: VU027594.D  
 Acq: 11 Oct 2018 13:24

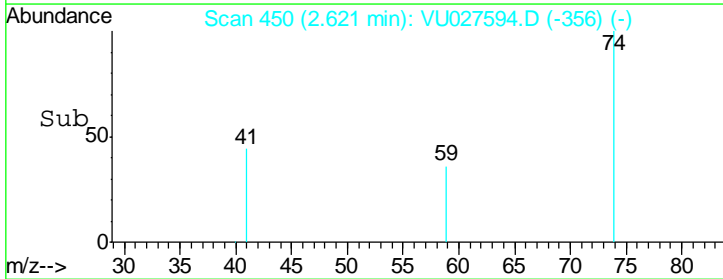
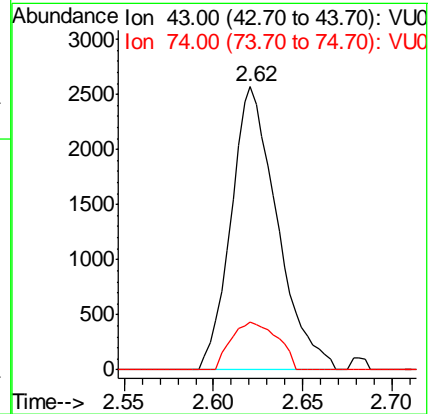
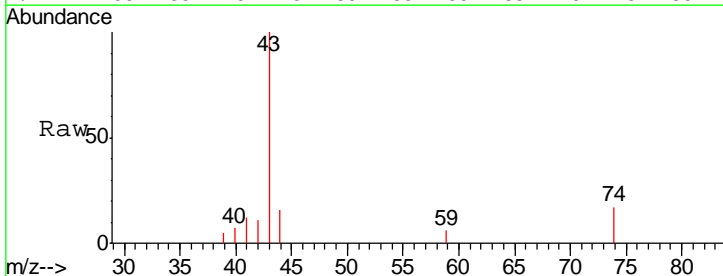
**Instrument :**  
 MSVOA\_U  
**ClientSampled :**  
 LOD-MDL-WATER-01-QT4-2018

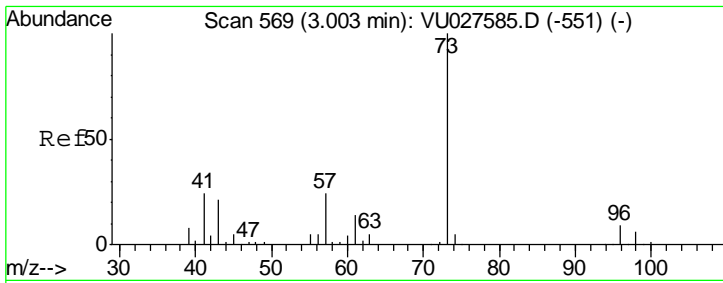
Tgt Ion	Resp	Lower	Upper
76	100		
78	6.2	7.3	10.9#



#18  
 Methyl Acetate  
 Concen: 2.12 ug/l  
 RT: 2.62 min Scan# 450  
 Delta R.T. 0.00 min  
 Lab File: VU027594.D  
 Acq: 11 Oct 2018 13:24

Tgt Ion	Resp	Lower	Upper
43	100		
74	17.1	16.5	24.7

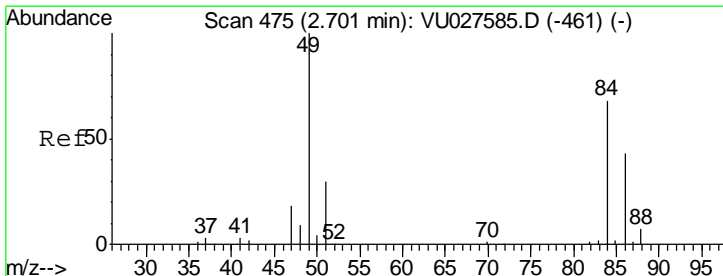
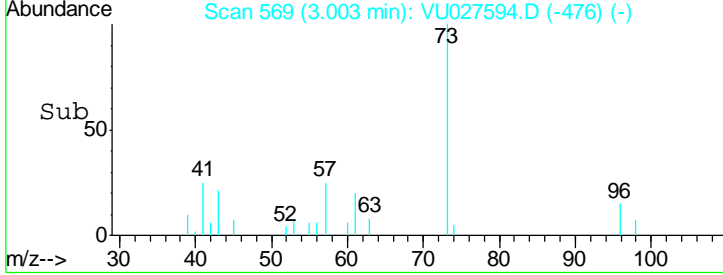
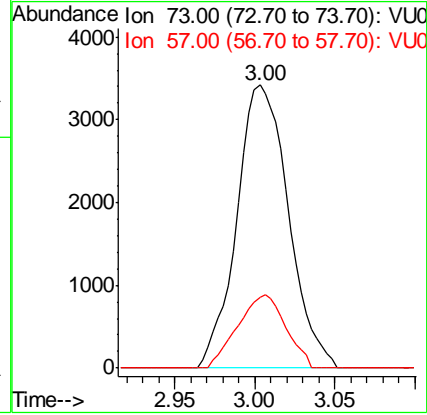
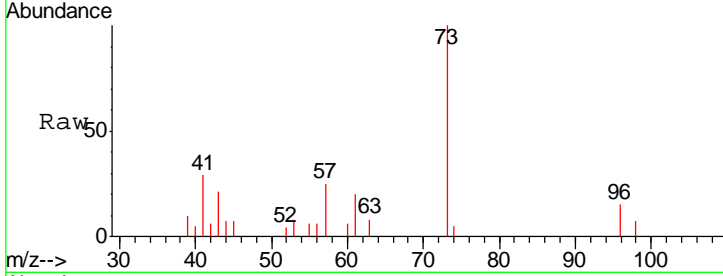




#19  
 Methyl tert-butyl Ether  
 Concen: 2.08 ug/l  
 RT: 3.00 min Scan# 569  
 Delta R.T. 0.00 min  
 Lab File: VU027594.D  
 Acq: 11 Oct 2018 13:24

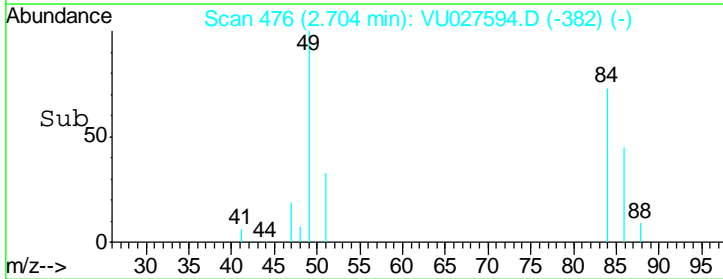
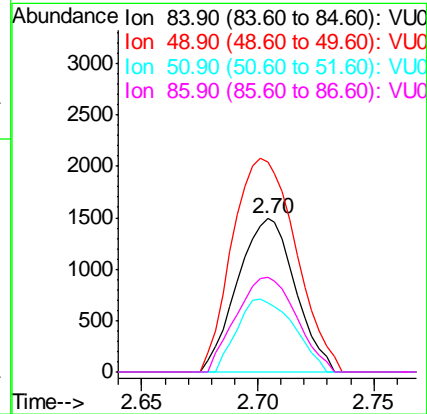
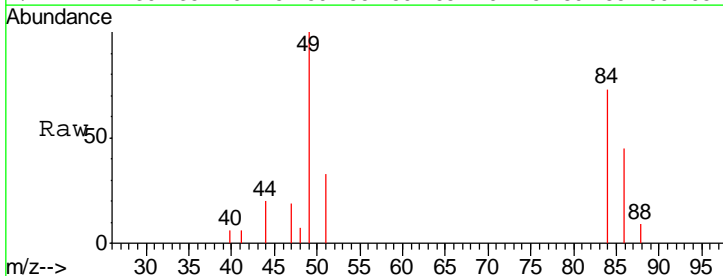
**Instrument :**  
 MSVOA\_U  
**ClientSampled :**  
 LOD-MDL-WATER-01-QT4-2018

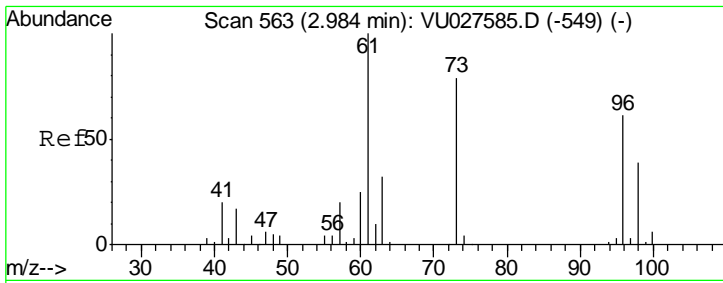
Tgt Ion	Resp	Lower	Upper
73	100		
57	24.9	20.0	30.0



#20  
 Methylene Chloride  
 Concen: 2.10 ug/l  
 RT: 2.70 min Scan# 476  
 Delta R.T. 0.00 min  
 Lab File: VU027594.D  
 Acq: 11 Oct 2018 13:24

Tgt Ion	Resp	Lower	Upper
84	100		
49	136.8	120.5	180.7
51	45.2	35.1	52.7
86	61.6	50.5	75.7

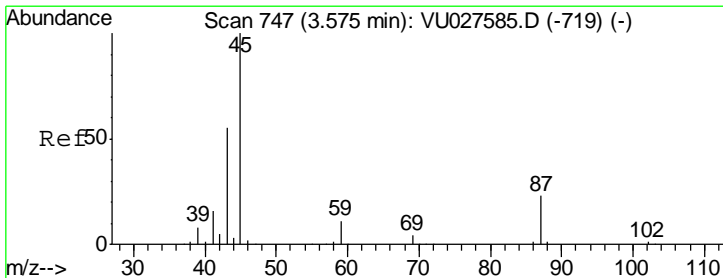
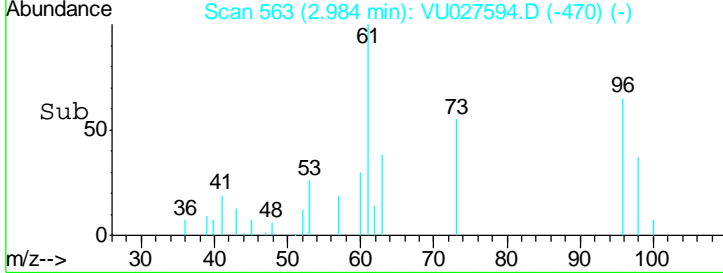
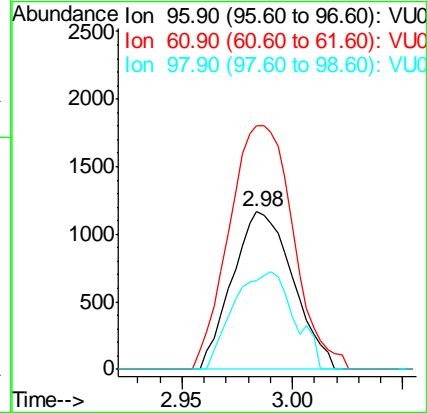
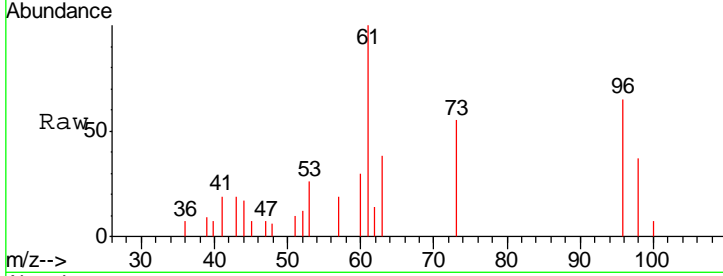




#21  
 trans-1,2-Dichloroethene  
 Concen: 2.13 ug/l  
 RT: 2.98 min Scan# 563  
 Delta R.T. 0.00 min  
 Lab File: VU027594.D  
 Acq: 11 Oct 2018 13:24

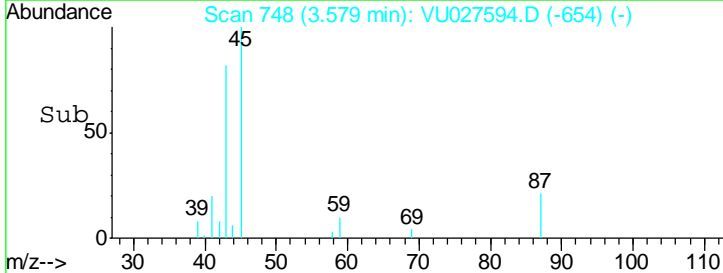
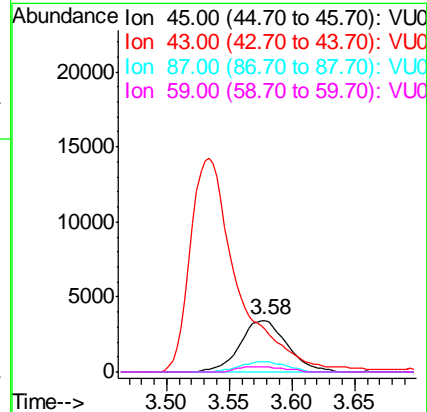
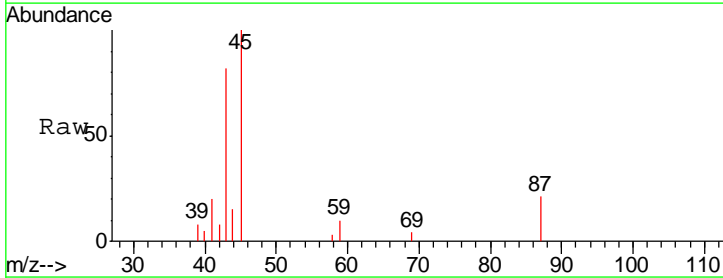
**Instrument :**  
 MSVOA\_U  
**ClientSampleId :**  
 LOD-MDL-WATER-01-QT4-2018

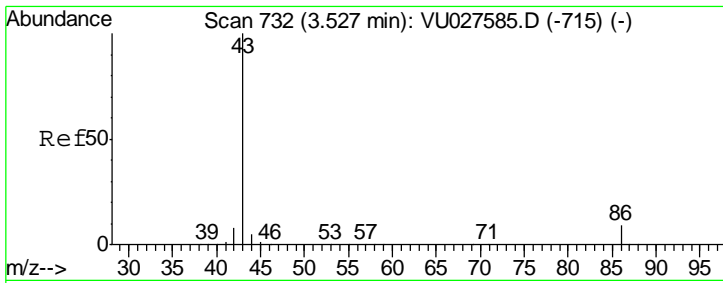
Tgt Ion	Resp	Lower	Upper
96	100		
61	154.3	129.4	194.2
98	56.5	51.2	76.8



#22  
 Diisopropyl ether  
 Concen: 2.04 ug/l  
 RT: 3.58 min Scan# 748  
 Delta R.T. 0.00 min  
 Lab File: VU027594.D  
 Acq: 11 Oct 2018 13:24

Tgt Ion	Resp	Lower	Upper
45	100		
43	71.6	43.4	65.2#
87	20.8	17.5	26.3
59	9.7	8.6	13.0

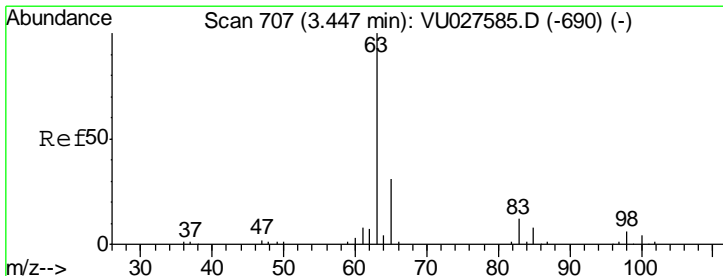
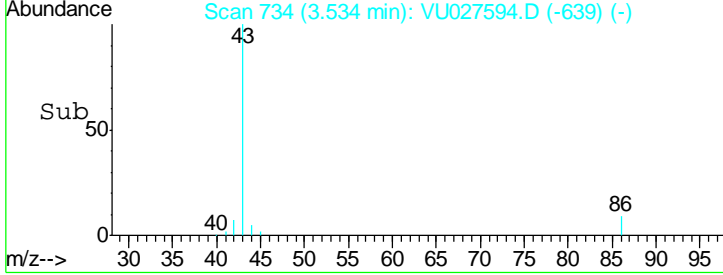
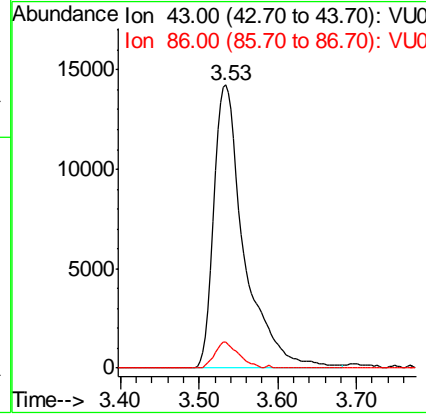
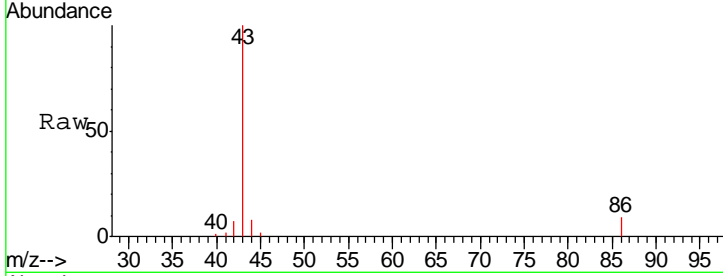




#23  
 Vinyl Acetate  
 Concen: 10.26 ug/l  
 RT: 3.53 min Scan# 734  
 Delta R.T. 0.01 min  
 Lab File: VU027594.D  
 Acq: 11 Oct 2018 13:24

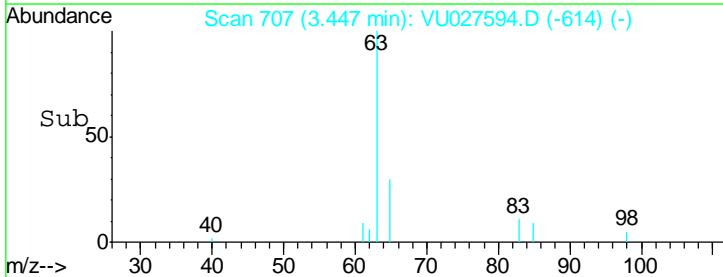
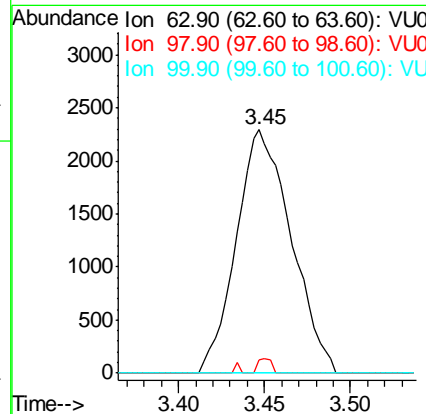
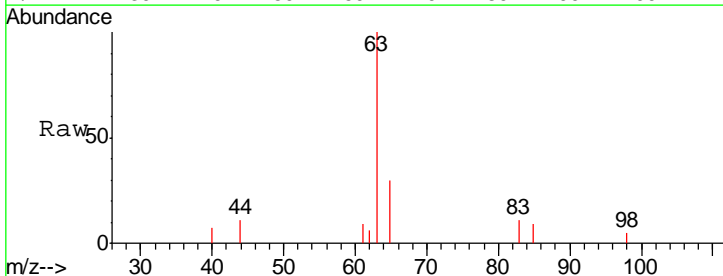
**Instrument :**  
 MSVOA\_U  
**ClientSampled :**  
 LOD-MDL-WATER-01-QT4-2018

Tgt Ion	Resp	Lower	Upper
43	100		
86	9.1	7.0	10.4

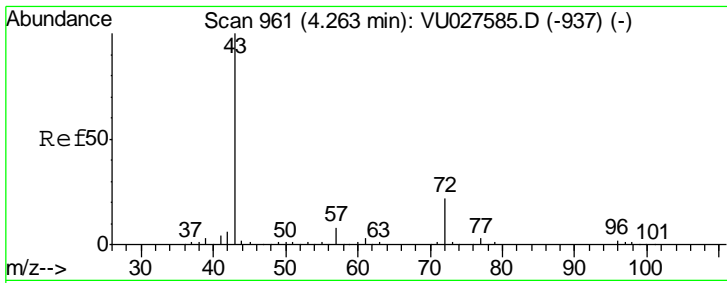


#24  
 1,1-Dichloroethane  
 Concen: 2.19 ug/l  
 RT: 3.45 min Scan# 707  
 Delta R.T. 0.00 min  
 Lab File: VU027594.D  
 Acq: 11 Oct 2018 13:24

Tgt Ion	Resp	Lower	Upper
63	100		
98	5.4	3.0	9.2
100	0.0	1.8	5.5#



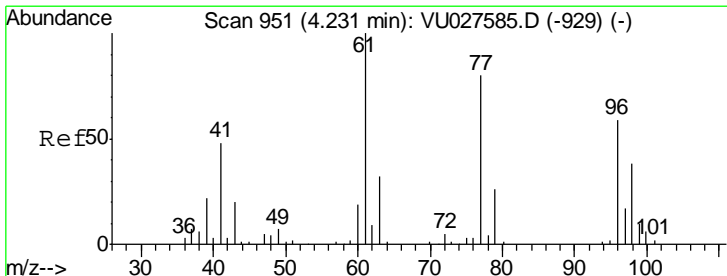
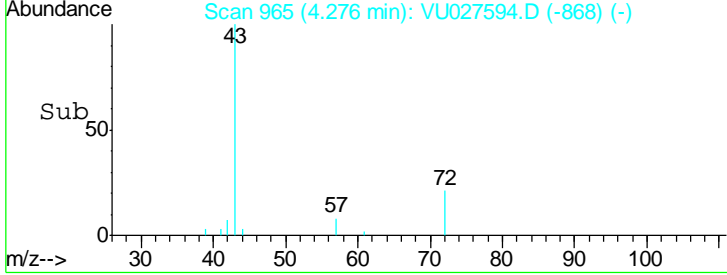
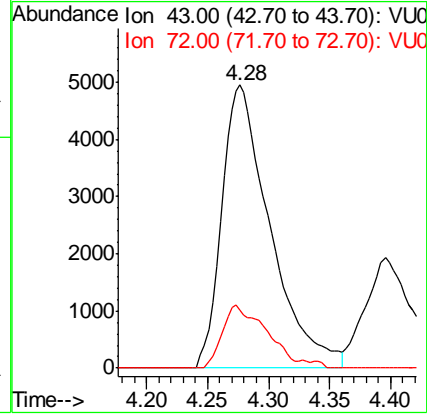
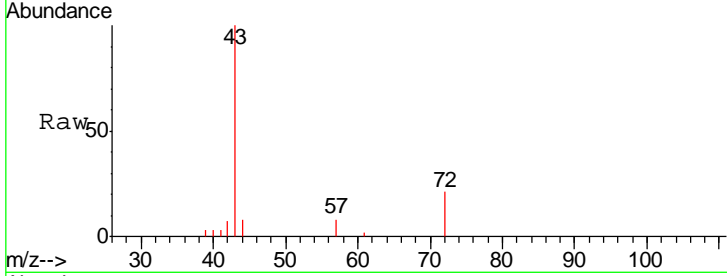




#25  
 2-Butanone  
 Concen: 11.10 ug/l  
 RT: 4.28 min Scan# 965  
 Delta R.T. 0.01 min  
 Lab File: VU027594.D  
 Acq: 11 Oct 2018 13:24

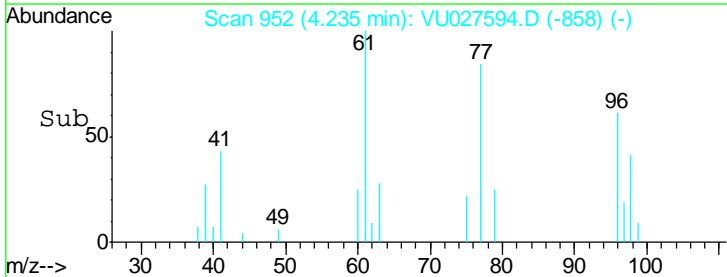
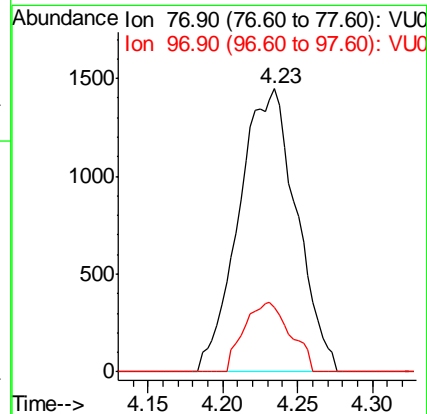
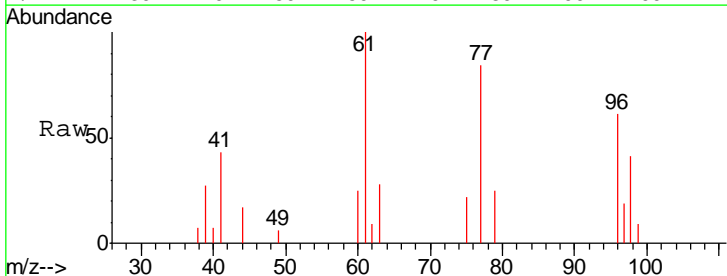
**Instrument :**  
 MSVOA\_U  
**ClientSampled :**  
 LOD-MDL-WATER-01-QT4-2018

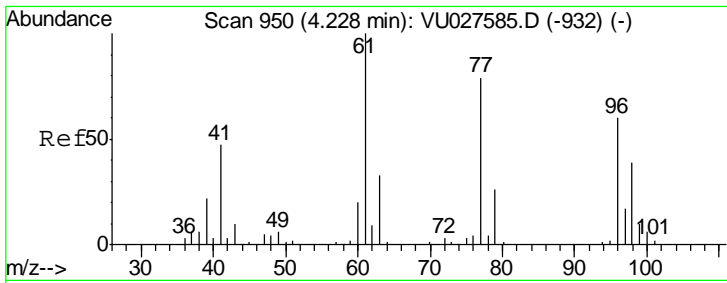
Tgt Ion: 43 Resp: 13646  
 Ion Ratio Lower Upper  
 43 100  
 72 20.5 17.8 26.6



#26  
 2,2-Dichloropropane  
 Concen: 2.08 ug/l  
 RT: 4.23 min Scan# 952  
 Delta R.T. 0.00 min  
 Lab File: VU027594.D  
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Tgt Ion: 77 Resp: 3875  
 Ion Ratio Lower Upper  
 77 100  
 97 19.7 10.4 31.1

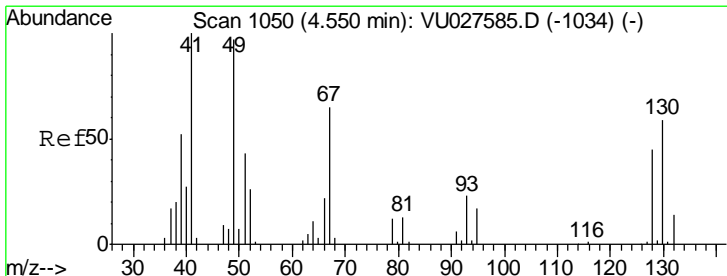
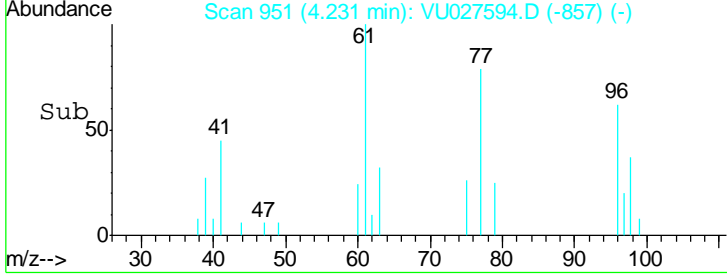
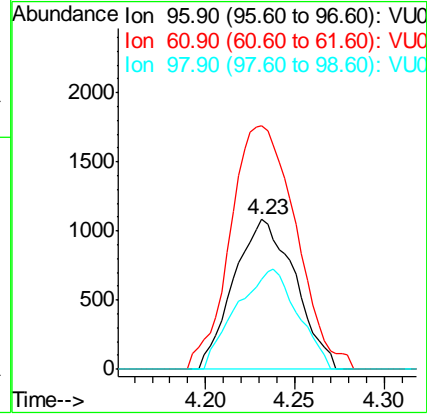
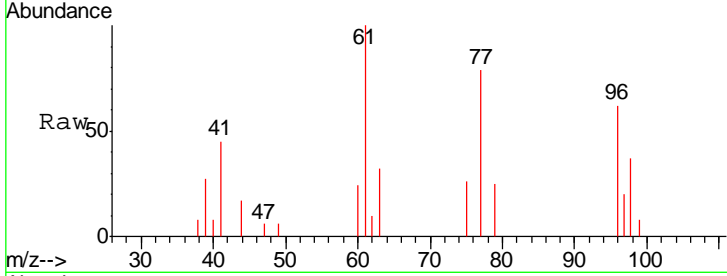




#27  
 cis-1,2-Dichloroethene  
 Concen: 2.25 ug/l  
 RT: 4.23 min Scan# 951  
 Delta R.T. 0.00 min  
 Lab File: VU027594.D  
 Acq: 11 Oct 2018 13:24

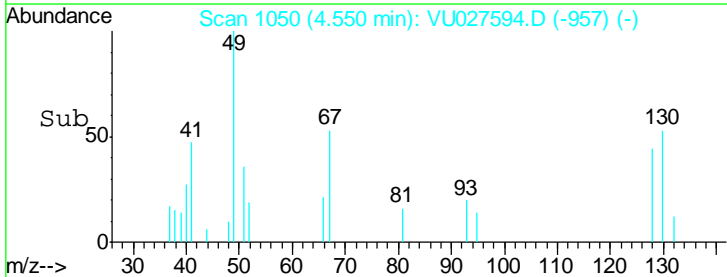
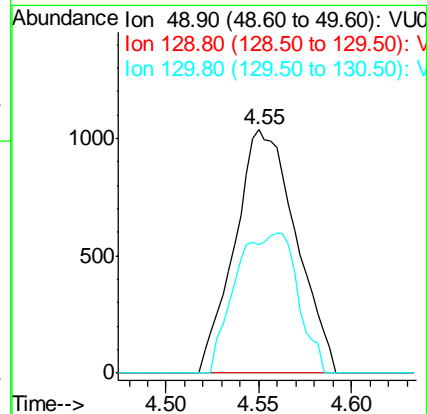
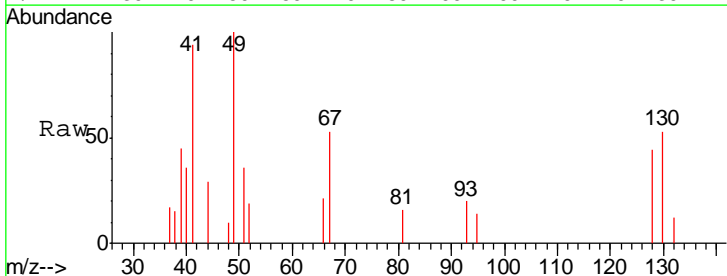
**Instrument :**  
 MSVOA\_U  
**ClientSampled :**  
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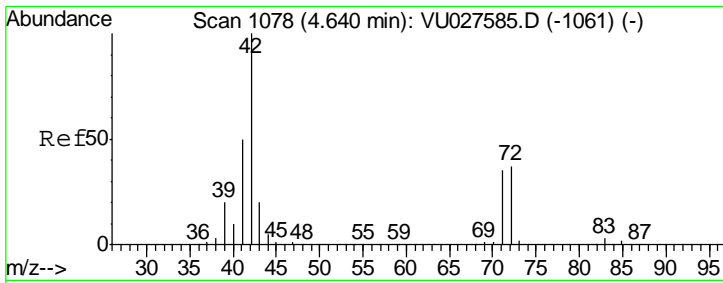
Tgt Ion	Resp	Lower	Upper
96	100		
61	173.2	0.0	343.8
98	66.4	0.0	129.0



#28  
 Bromochloromethane  
 Concen: 2.07 ug/l  
 RT: 4.55 min Scan# 1050  
 Delta R.T. 0.00 min  
 Lab File: VU027594.D  
 Acq: 11 Oct 2018 13:24

Tgt Ion	Resp	Lower	Upper
49	100		
129	0.0	0.0	3.0
130	58.4	46.1	69.1

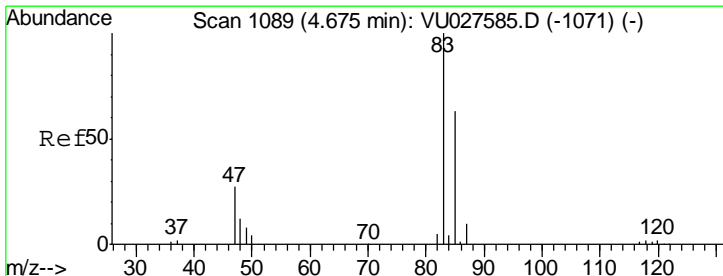
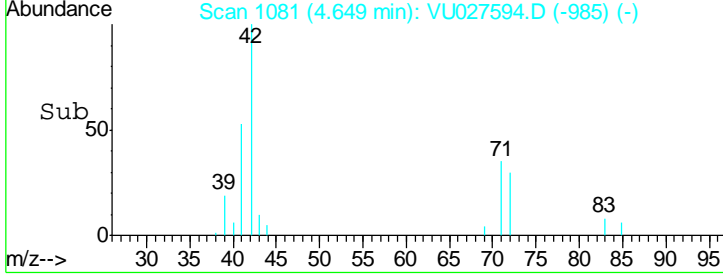
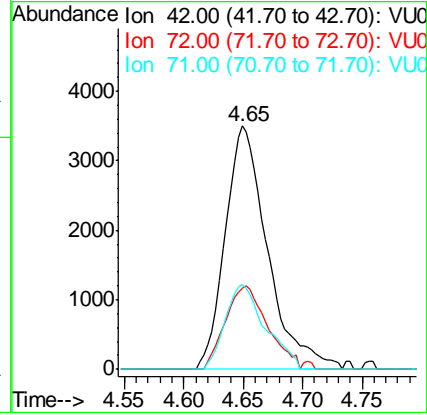
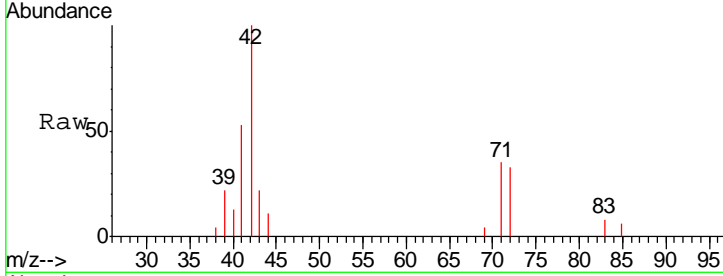




#29  
 Tetrahydrofuran  
 Concen: 11.20 ug/l  
 RT: 4.65 min Scan# 1081  
 Delta R.T. 0.01 min  
 Lab File: VU027594.D  
 Acq: 11 Oct 2018 13:24

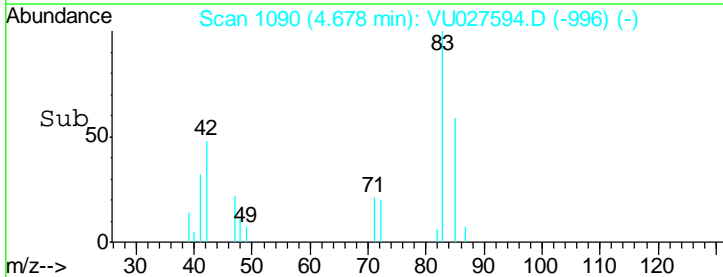
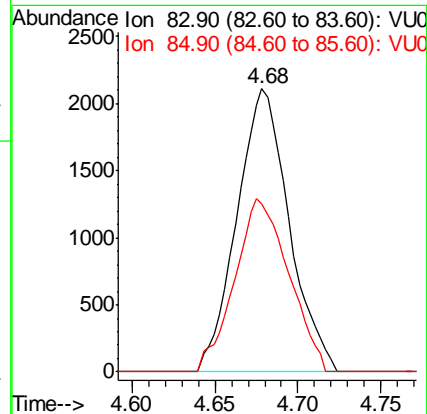
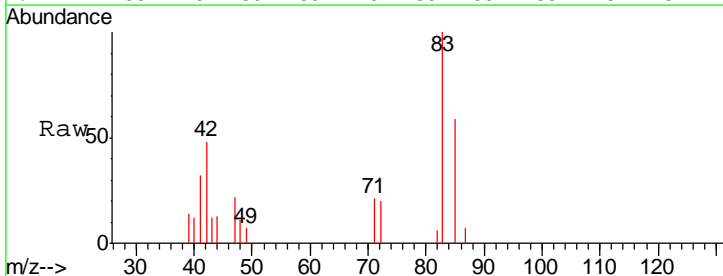
**Instrument :**  
 MSVOA\_U  
**ClientSampled :**  
 LOD-MDL-WATER-01-QT4-2018

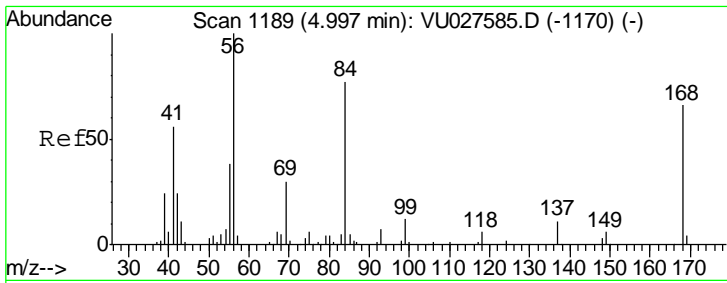
Tgt Ion	Resp	Lower	Upper
42	100		
72	34.1	30.1	45.1
71	33.0	27.7	41.5



#30  
 Chloroform  
 Concen: 2.24 ug/l  
 RT: 4.68 min Scan# 1090  
 Delta R.T. 0.00 min  
 Lab File: VU027594.D  
 Acq: 11 Oct 2018 13:24

Tgt Ion	Resp	Lower	Upper
83	100		
85	59.5	51.8	77.6

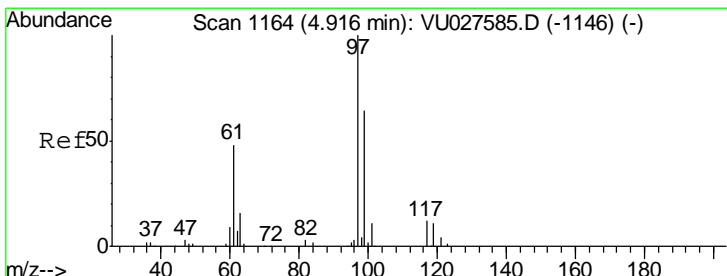
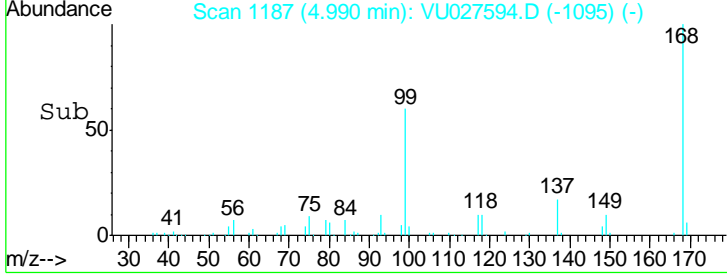
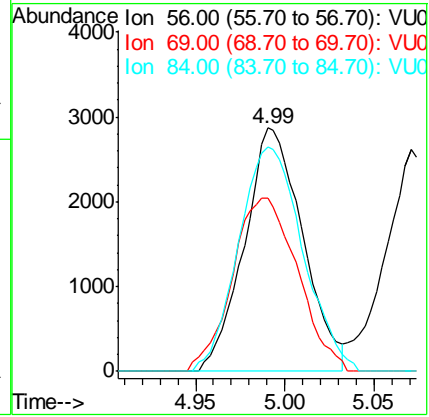
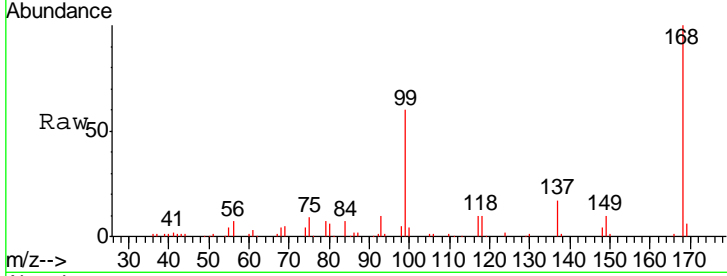




#31  
 Cyclohexane  
 Concen: 1.76 ug/l  
 RT: 4.99 min Scan# 1187  
 Delta R.T. -0.01 min  
 Lab File: VU027594.D  
 Acq: 11 Oct 2018 13:24

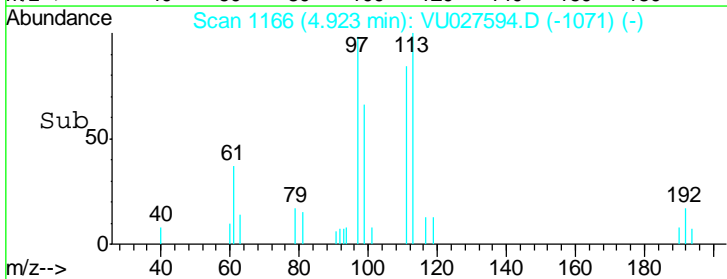
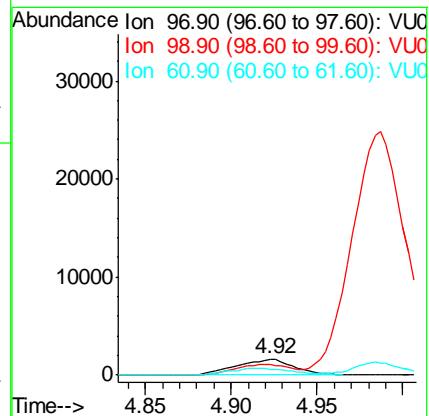
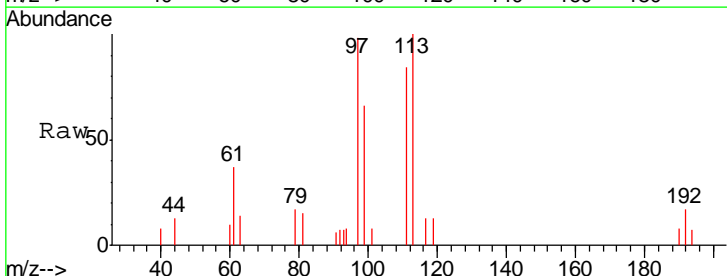
Instrument : MSVOA\_U  
 ClientSampled : LOD-MDL-WATER-01-QT4-2018

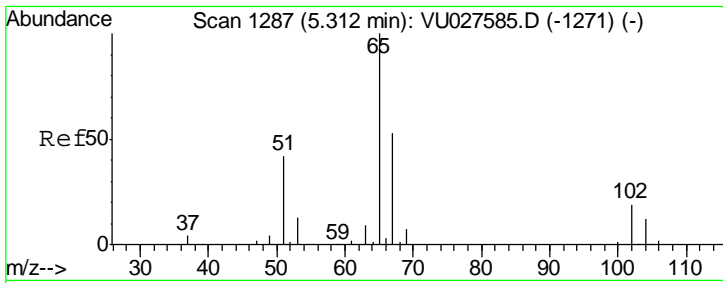
Tgt Ion	Resp	Lower	Upper
56	100		
69	67.5	24.1	36.1#
84	92.1	59.1	88.7#



#32  
 1,1,1-Trichloroethane  
 Concen: 2.18 ug/l  
 RT: 4.92 min Scan# 1166  
 Delta R.T. 0.01 min  
 Lab File: VU027594.D  
 Acq: 11 Oct 2018 13:24

Tgt Ion	Resp	Lower	Upper
97	100		
99	61.1	51.1	76.7
61	45.2	39.6	59.4

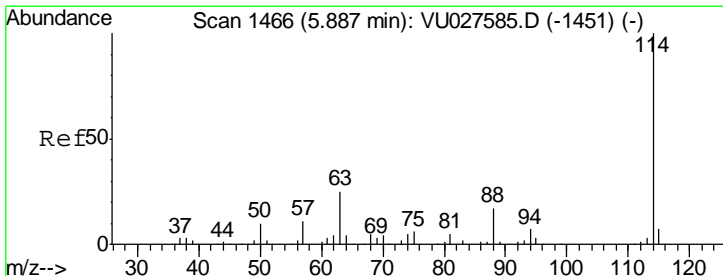
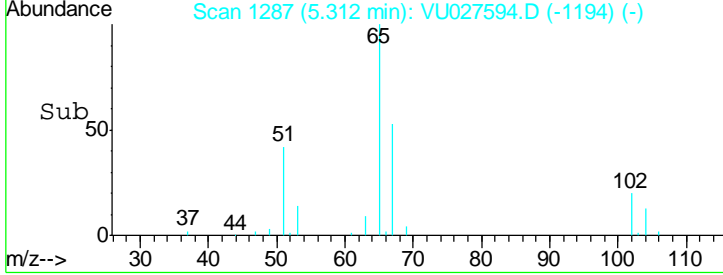
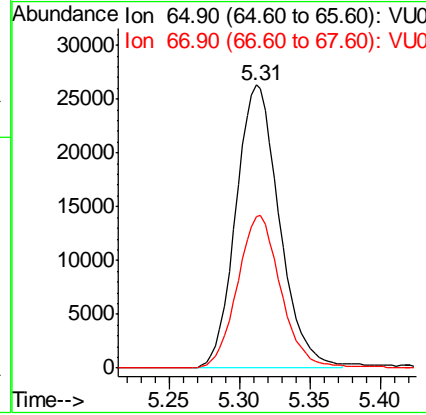
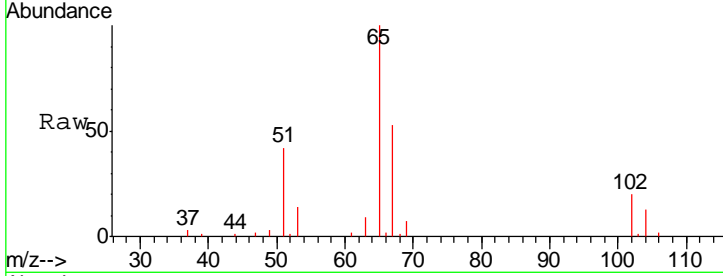




#33  
 1,2-Dichloroethane-d4  
 Concen: 39.90 ug/l  
 RT: 5.31 min Scan# 1287  
 Delta R.T. 0.00 min  
 Lab File: VU027594.D  
 Acq: 11 Oct 2018 13:24

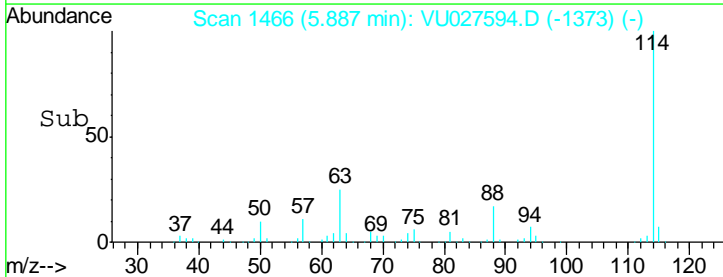
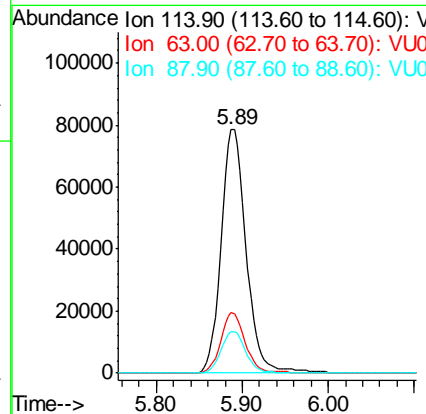
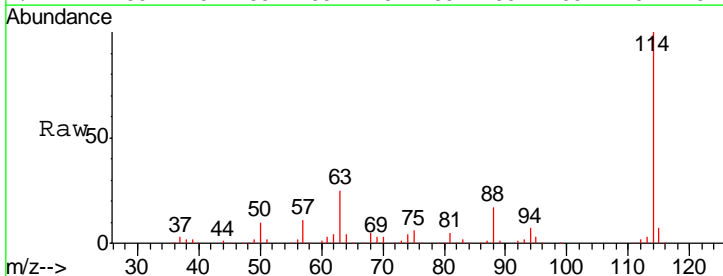
Instrument : MSVOA\_U  
 ClientSampleId : LOD-MDL-WATER-01-QT4-2018

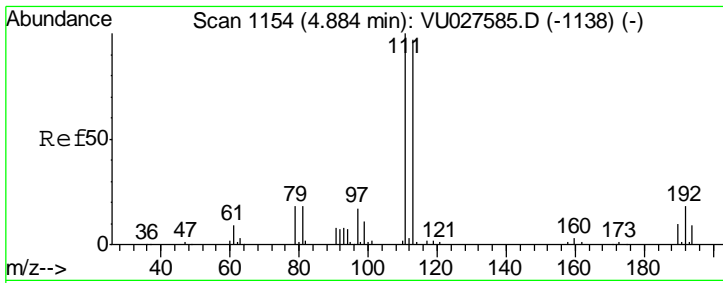
Tgt Ion	Resp	Lower	Upper
65	56776		
67	53.8	0.0	107.8



#34  
 1,4-Difluorobenzene  
 Concen: 50.00 ug/l  
 RT: 5.89 min Scan# 1466  
 Delta R.T. 0.00 min  
 Lab File: VU027594.D  
 Acq: 11 Oct 2018 13:24

Tgt Ion	Resp	Lower	Upper
114	159735		
63	24.8	0.0	50.2
88	16.9	0.0	33.8

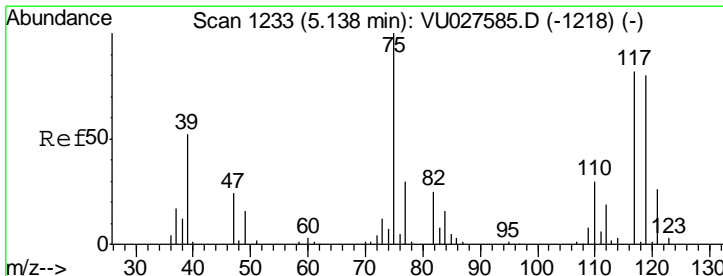
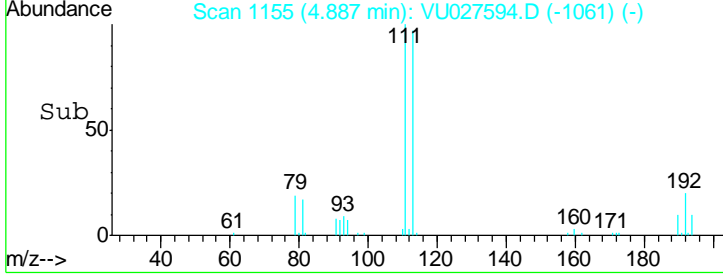
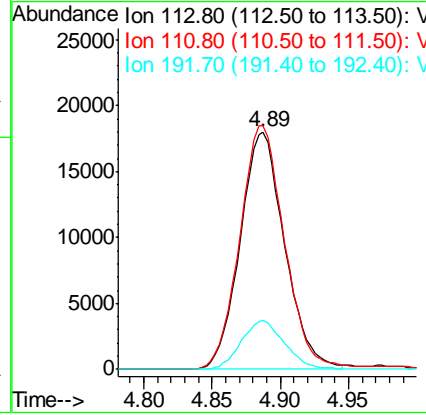
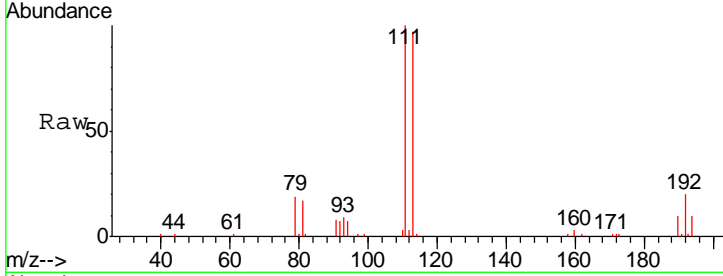




#35  
 Dibromofluoromethane  
 Concen: 38.54 ug/l  
 RT: 4.89 min Scan# 1155  
 Delta R.T. 0.00 min  
 Lab File: VU027594.D  
 Acq: 11 Oct 2018 13:24

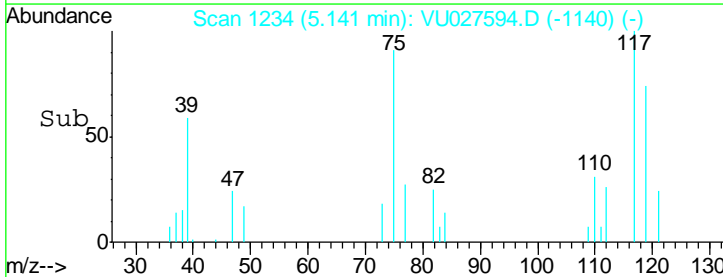
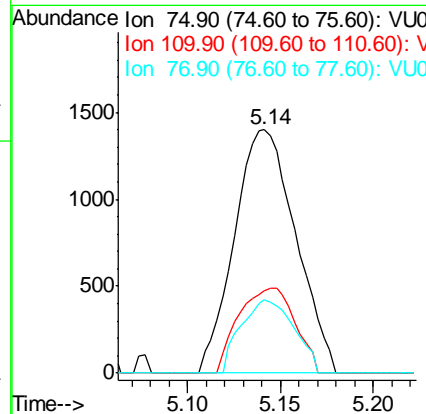
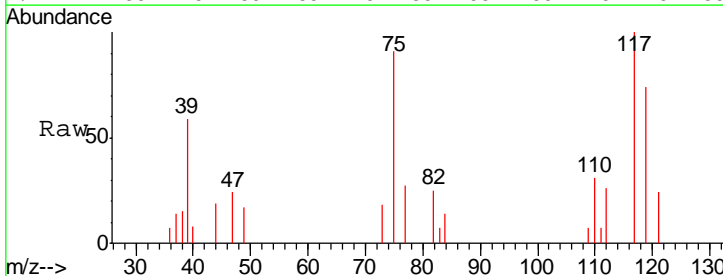
Instrument :  
 MSVOA\_U  
 ClientSampled :  
 LOD-MDL-WATER-01-QT4-2018

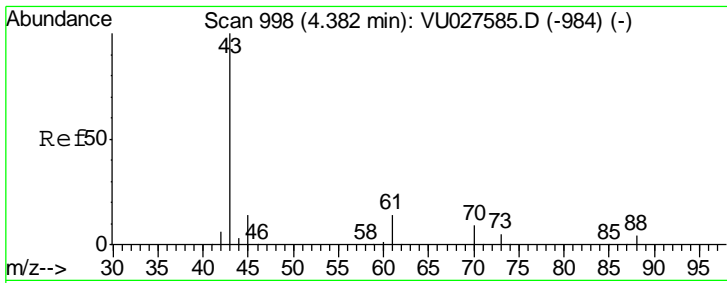
Tgt Ion	Resp	Lower	Upper
113	40732		
111	103.6	83.1	124.7
192	20.0	15.4	23.0



#36  
 1,1-Dichloropropene  
 Concen: 1.98 ug/l  
 RT: 5.14 min Scan# 1234  
 Delta R.T. 0.00 min  
 Lab File: VU027594.D  
 Acq: 11 Oct 2018 13:24

Tgt Ion	Resp	Lower	Upper
75	3214		
75	100		
110	32.1	15.5	46.5
77	26.1	25.4	38.0

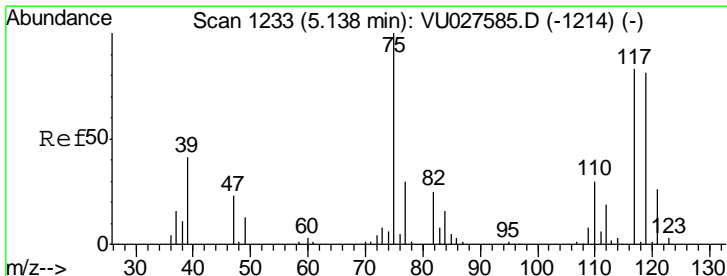
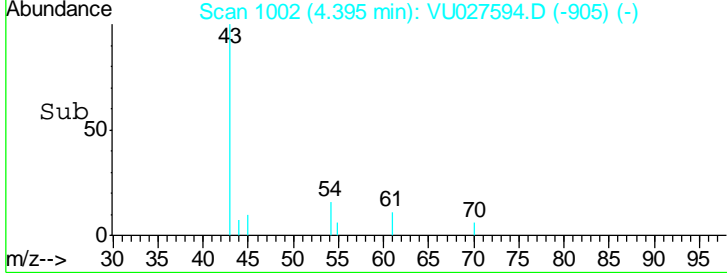
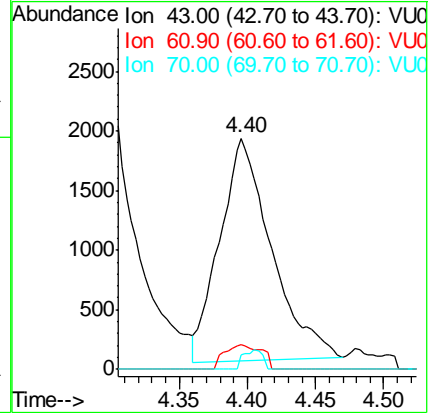
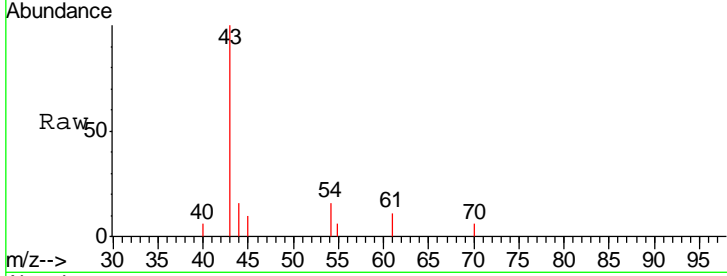




#37  
 Ethyl Acetate  
 Concen: 2.09 ug/l  
 RT: 4.40 min Scan# 1002  
 Delta R.T. 0.01 min  
 Lab File: VU027594.D  
 Acq: 11 Oct 2018 13:24

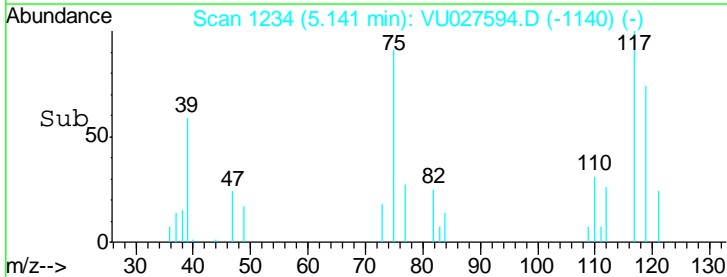
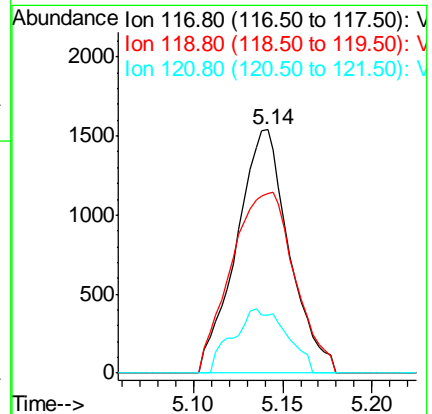
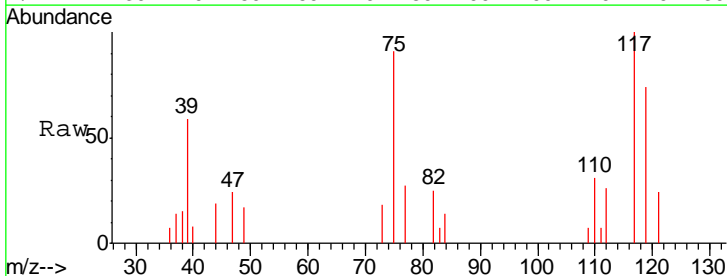
**Instrument :**  
 MSVOA\_U  
**ClientSampled :**  
 LOD-MDL-WATER-01-QT4-2018

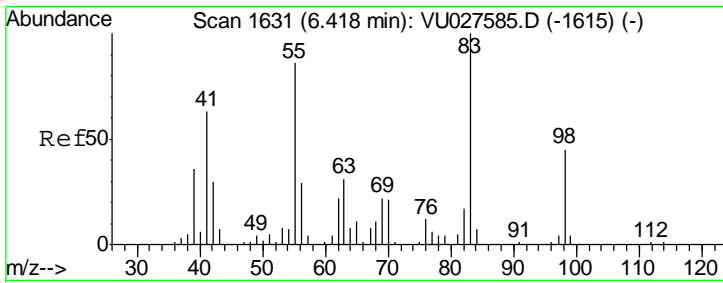
Tgt Ion	Resp	Lower	Upper
43	100		
61	7.9	10.7	16.1#
70	3.2	7.4	11.2#



#38  
 Carbon Tetrachloride  
 Concen: 2.12 ug/l  
 RT: 5.14 min Scan# 1234  
 Delta R.T. 0.00 min  
 Lab File: VU027594.D  
 Acq: 11 Oct 2018 13:24

Tgt Ion	Resp	Lower	Upper
117	100		
119	74.0	74.5	111.7#
121	23.9	24.6	37.0#

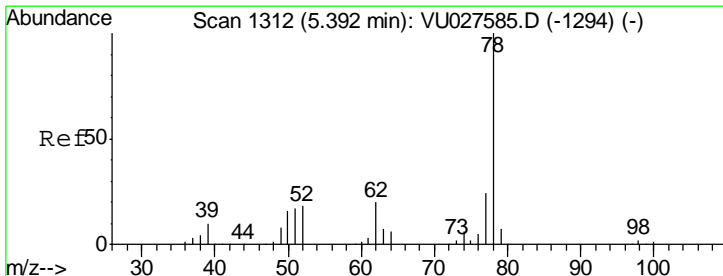
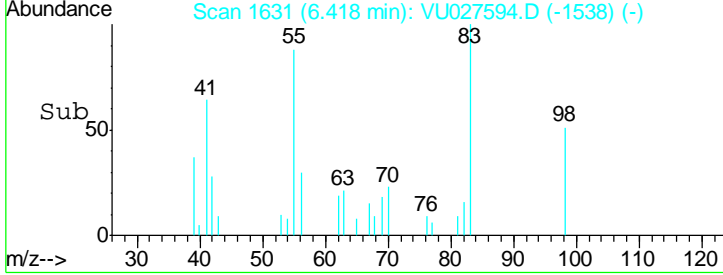
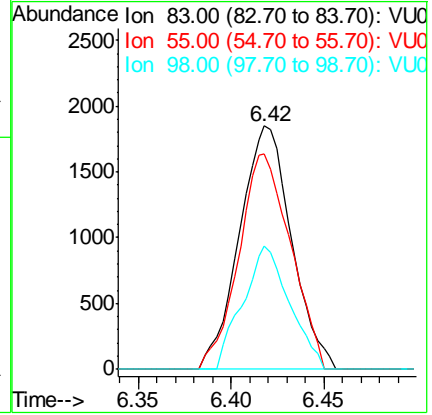
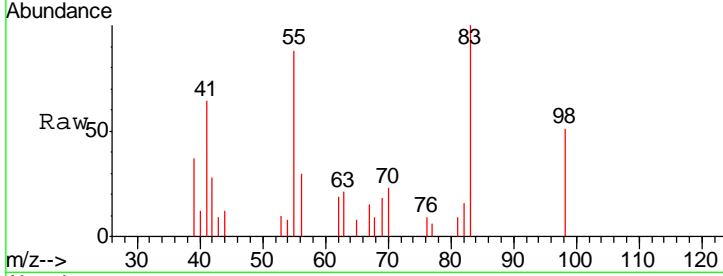




#39  
 Methylcyclohexane  
 Concen: 1.97 ug/l  
 RT: 6.42 min Scan# 1631  
 Delta R.T. 0.00 min  
 Lab File: VU027594.D  
 Acq: 11 Oct 2018 13:24

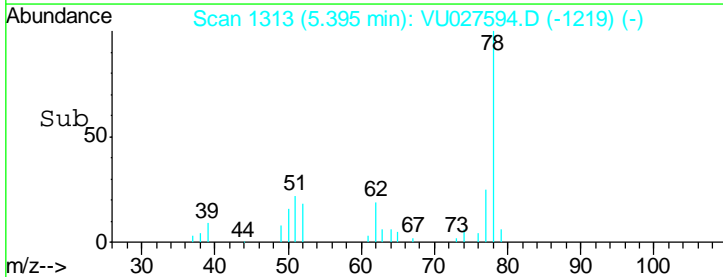
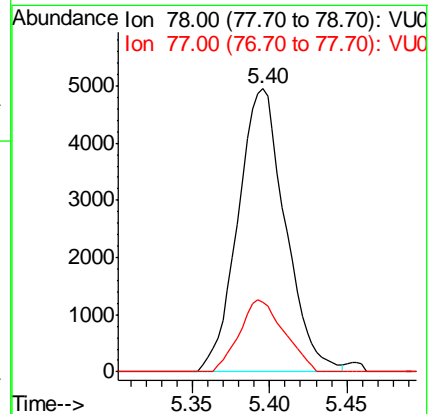
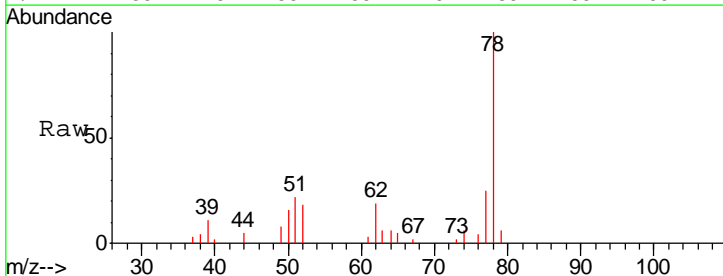
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 LOD-MDL-WATER-01-QT4-2018

Tgt Ion	Resp	Lower	Upper
83	3605		
83	100		
55	88.3	71.1	106.7
98	50.8	36.3	54.5

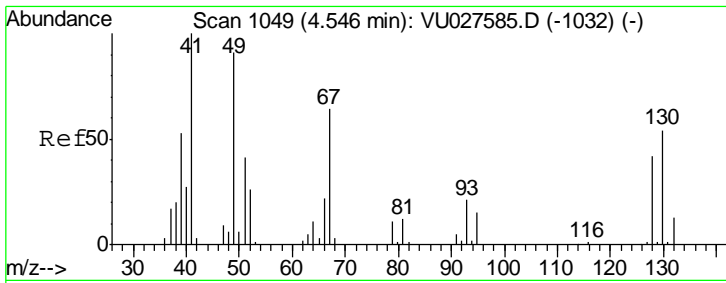


#40  
 Benzene  
 Concen: 2.15 ug/l  
 RT: 5.40 min Scan# 1313  
 Delta R.T. 0.00 min  
 Lab File: VU027594.D  
 Acq: 11 Oct 2018 13:24

Tgt Ion	Resp	Lower	Upper
78	10573		
78	100		
77	24.6	19.3	28.9





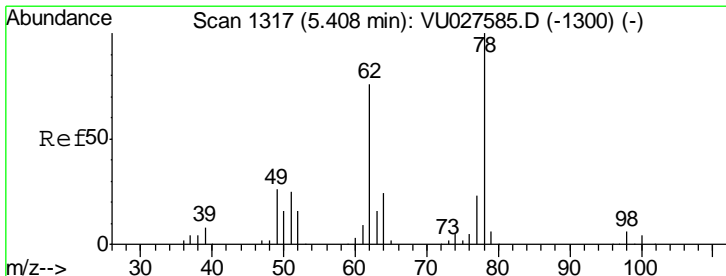
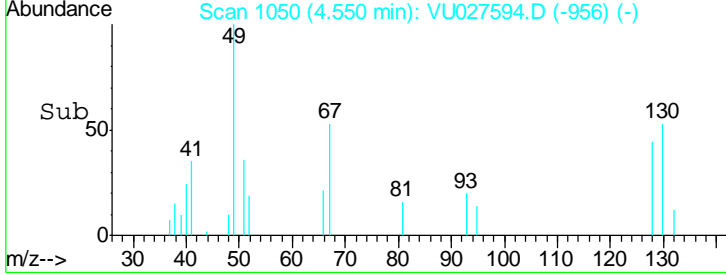
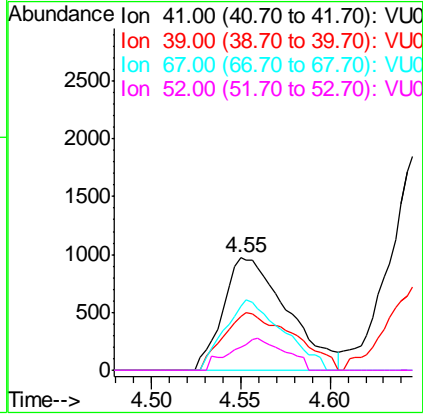
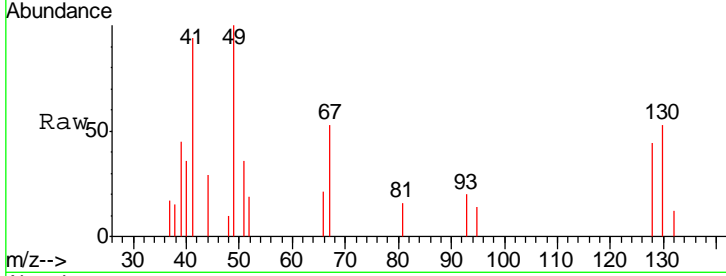


#41  
 Methacrylonitrile  
 Concen: 2.46 ug/l  
 RT: 4.55 min Scan# 1050  
 Delta R.T. 0.00 min  
 Lab File: VU027594.D  
 Acq: 11 Oct 2018 13:24

Instrument : MSVOA\_U  
 ClientSampled : LOD-MDL-WATER-01-QT4-2018

Tgt Ion: 41 Resp: 2433

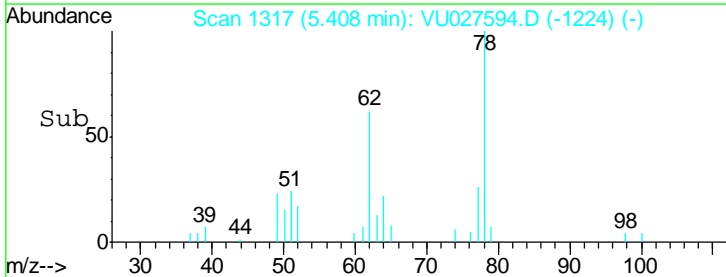
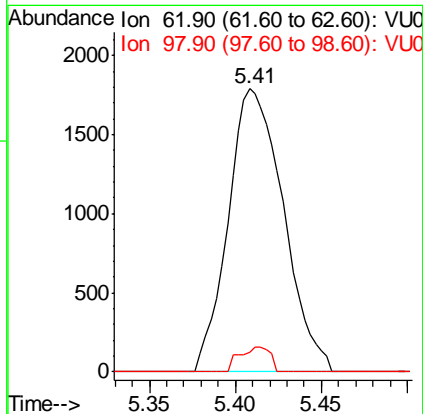
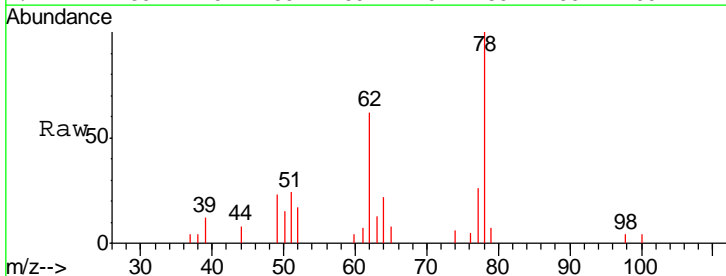
Ion	Ratio	Lower	Upper
41	100		
39	55.8	41.1	61.7
67	56.5	50.4	75.6
52	23.9	20.3	30.5

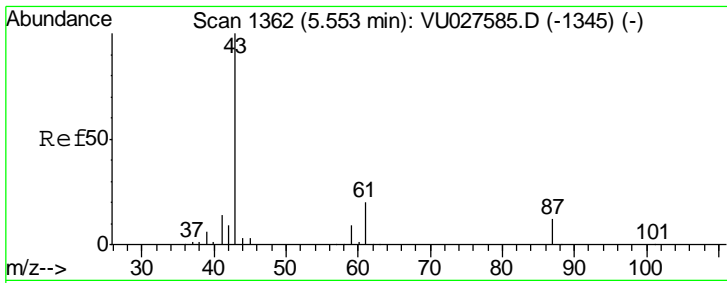


#42  
 1,2-Dichloroethane  
 Concen: 2.20 ug/l  
 RT: 5.41 min Scan# 1317  
 Delta R.T. 0.00 min  
 Lab File: VU027594.D  
 Acq: 11 Oct 2018 13:24

Tgt Ion: 62 Resp: 3995

Ion	Ratio	Lower	Upper
62	100		
98	4.9	0.0	16.8

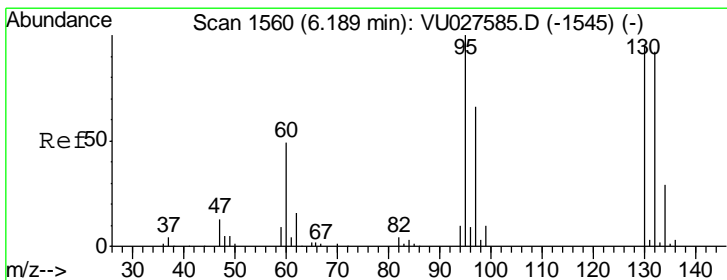
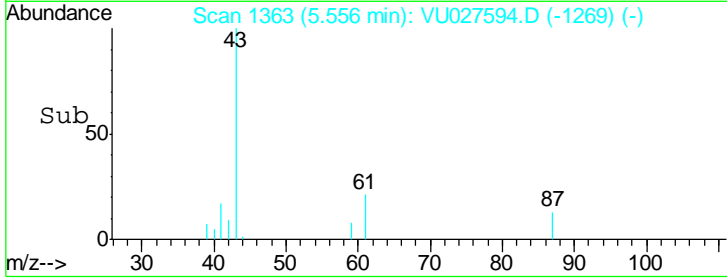
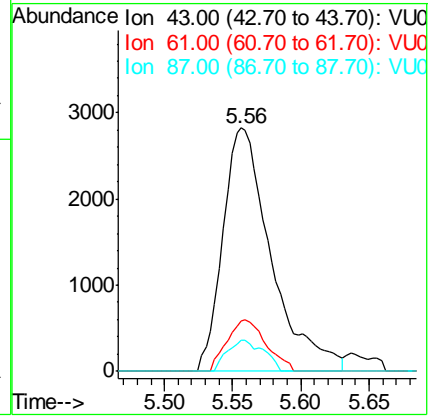
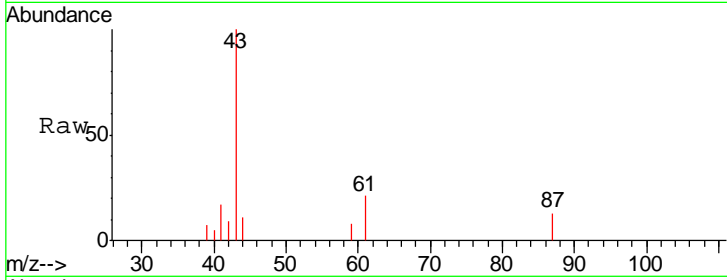




#43  
 Isopropyl Acetate  
 Concen: 2.06 ug/l  
 RT: 5.56 min Scan# 1363  
 Delta R.T. 0.00 min  
 Lab File: VU027594.D  
 Acq: 11 Oct 2018 13:24

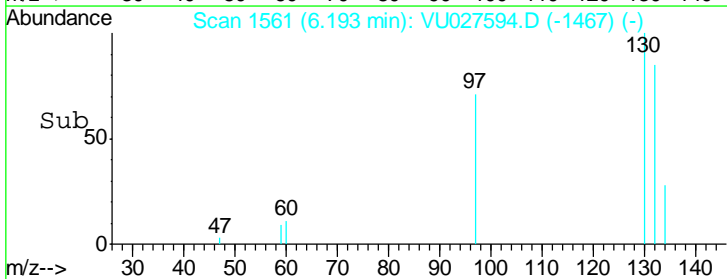
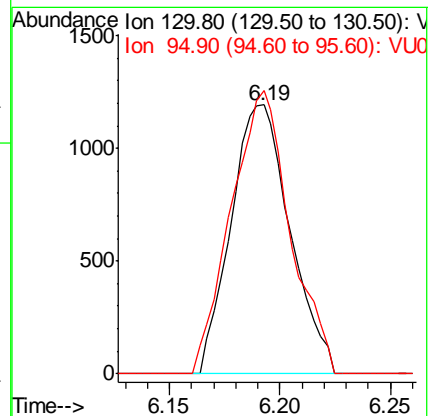
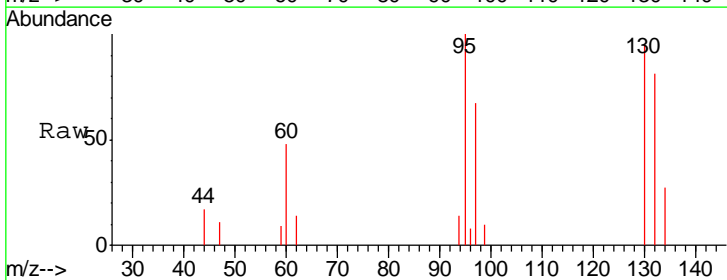
Instrument : MSVOA\_U  
 ClientSampled : LOD-MDL-WATER-01-QT4-2018

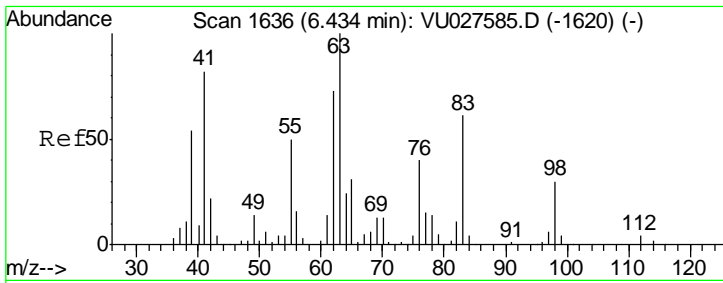
Tgt Ion	Resp	Lower	Upper
43	6951		
61	17.1	15.3	22.9
87	9.6	8.6	13.0



#44  
 Trichloroethene  
 Concen: 2.05 ug/l  
 RT: 6.19 min Scan# 1561  
 Delta R.T. 0.00 min  
 Lab File: VU027594.D  
 Acq: 11 Oct 2018 13:24

Tgt Ion	Resp	Lower	Upper
130	2216		
95	105.3	0.0	207.0

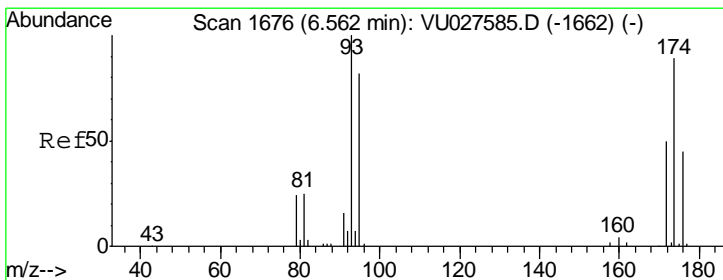
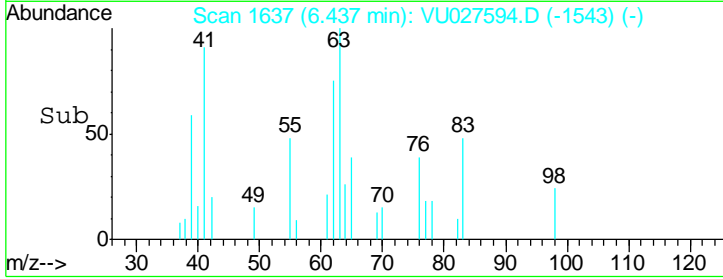
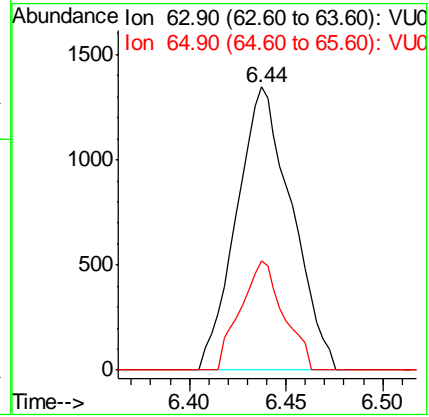
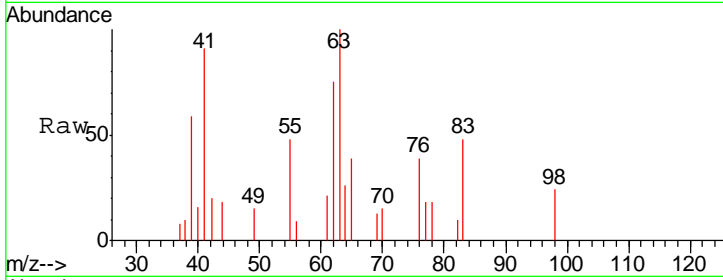




#45  
 1,2-Dichloropropane  
 Concen: 1.91 ug/l  
 RT: 6.44 min Scan# 1637  
 Delta R.T. 0.00 min  
 Lab File: VU027594.D  
 Acq: 11 Oct 2018 13:24

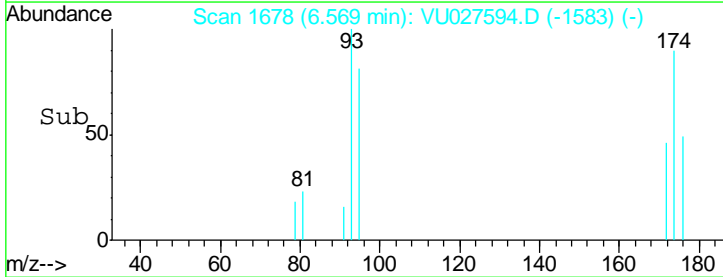
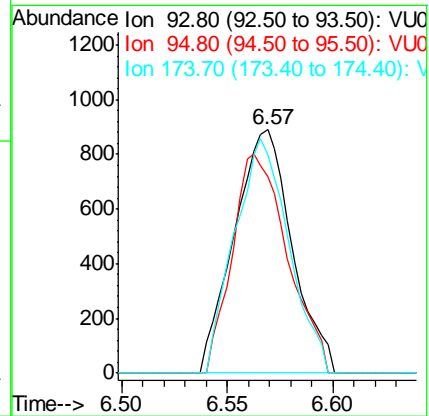
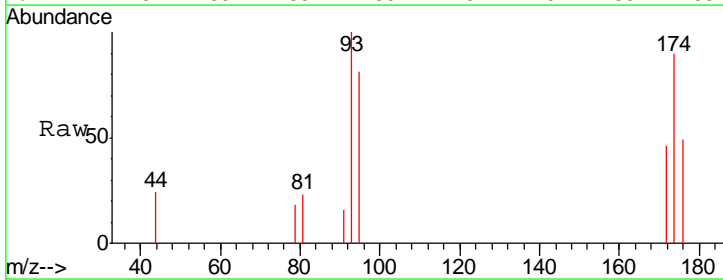
Instrument : MSVOA\_U  
 ClientSampled : LOD-MDL-WATER-01-QT4-2018

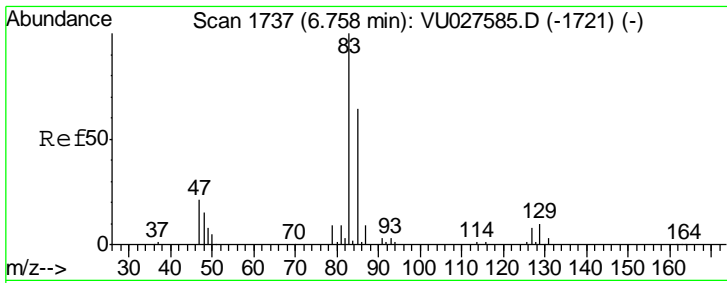
Tgt Ion: 63 Resp: 2669  
 Ion Ratio Lower Upper  
 63 100  
 65 38.6 26.0 39.0



#46  
 Dibromomethane  
 Concen: 2.07 ug/l  
 RT: 6.57 min Scan# 1678  
 Delta R.T. 0.01 min  
 Lab File: VU027594.D  
 Acq: 11 Oct 2018 13:24

Tgt Ion: 93 Resp: 1699  
 Ion Ratio Lower Upper  
 93 100  
 95 85.5 66.5 99.7  
 174 90.0 72.5 108.7



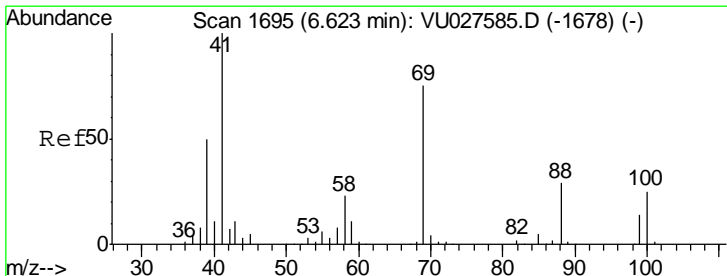
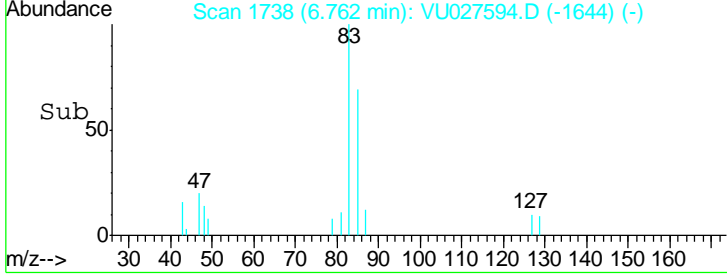
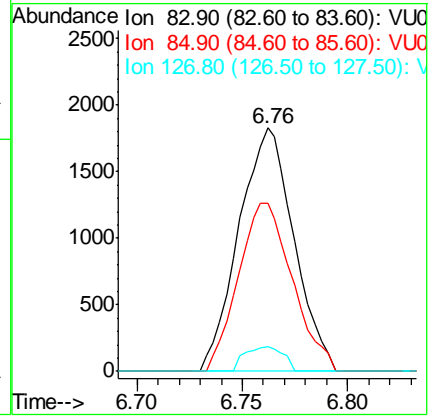
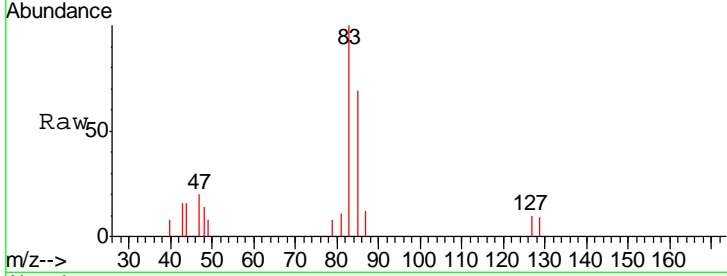


#47

Bromodichloromethane  
 Concen: 2.00 ug/l  
 RT: 6.76 min Scan# 1738  
 Delta R.T. 0.00 min  
 Lab File: VU027594.D  
 Acq: 11 Oct 2018 13:24

Instrument : MSVOA\_U  
 ClientSampled : LOD-MDL-WATER-01-QT4-2018

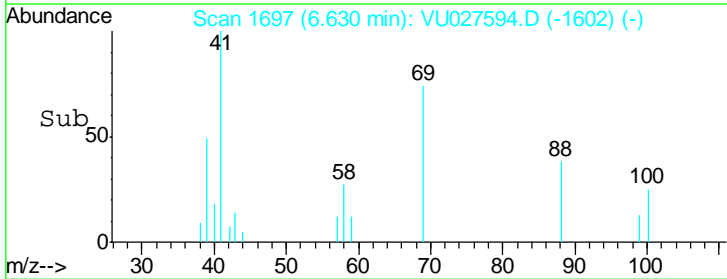
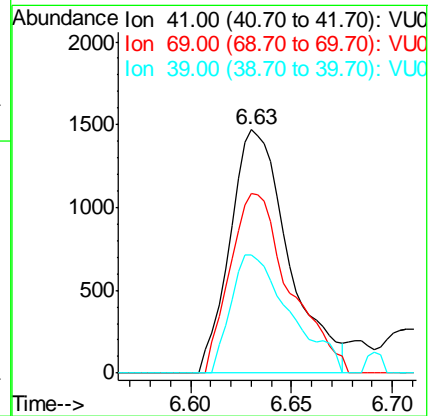
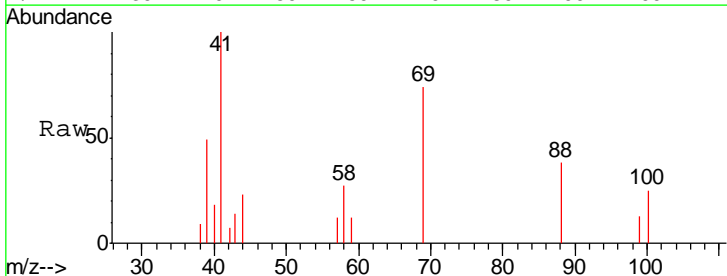
Tgt Ion	Resp	Lower	Upper
83	100		
85	68.9	51.4	77.0
127	10.3	6.3	9.5#

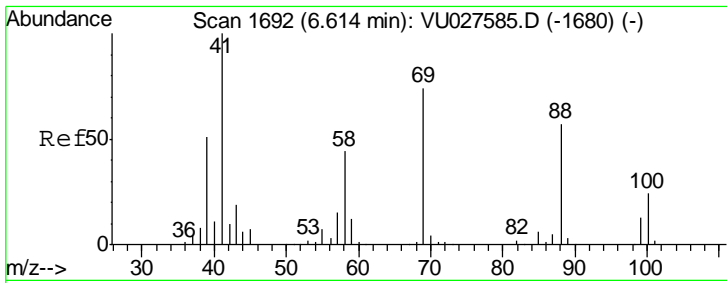


#48

Methyl methacrylate  
 Concen: 3.05 ug/l  
 RT: 6.63 min Scan# 1697  
 Delta R.T. 0.01 min  
 Lab File: VU027594.D  
 Acq: 11 Oct 2018 13:24

Tgt Ion	Resp	Lower	Upper
41	100		
69	75.2	61.0	91.4
39	48.9	39.9	59.9

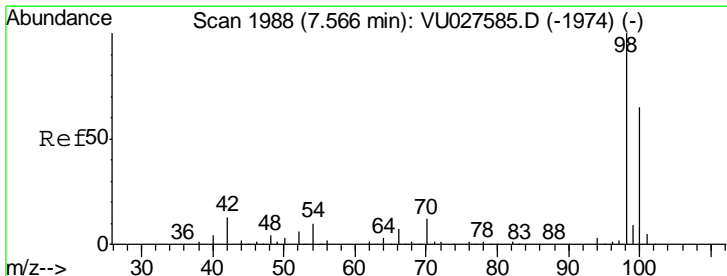
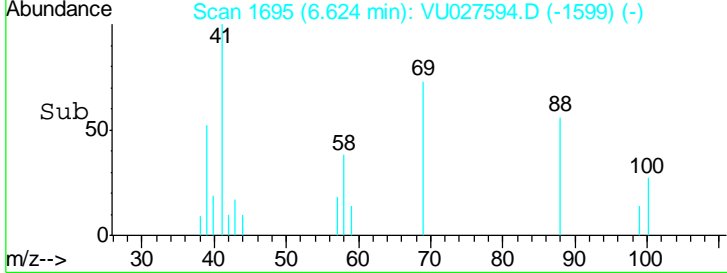
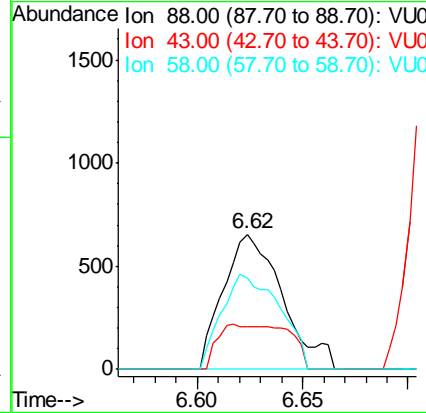
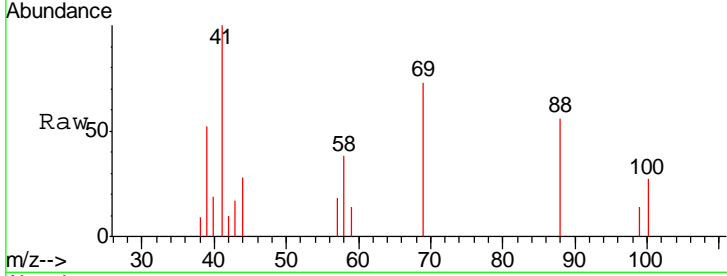




#49  
 1,4-Dioxane  
 Concen: 39.74 ug/l  
 RT: 6.62 min Scan# 1695  
 Delta R.T. 0.01 min  
 Lab File: VU027594.D  
 Acq: 11 Oct 2018 13:24

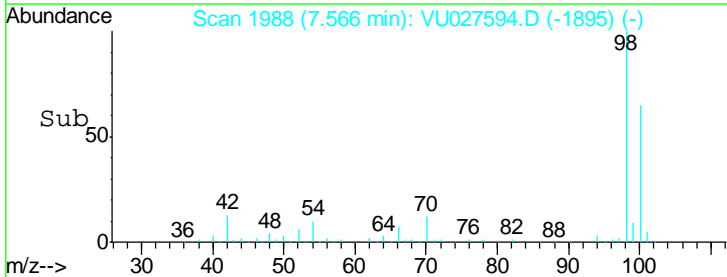
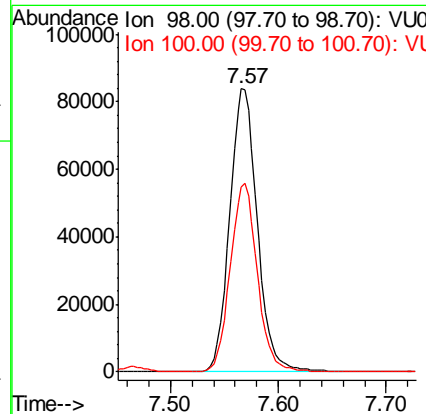
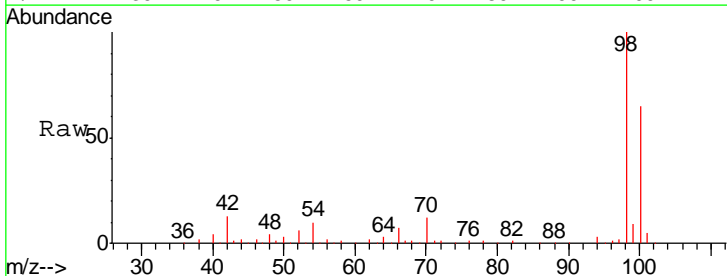
**Instrument :**  
 MSVOA\_U  
**ClientSampled :**  
 LOD-MDL-WATER-01-QT4-2018

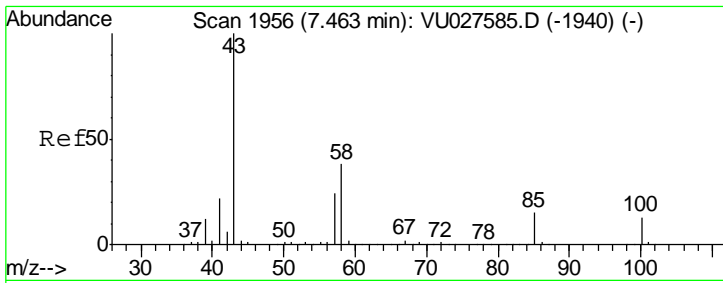
Tgt Ion	Resp	Lower	Upper
88	1281		
88	100		
43	20.1	30.8	46.2#
58	68.8	67.0	100.6



#50  
 Toluene-d8  
 Concen: 37.17 ug/l  
 RT: 7.57 min Scan# 1988  
 Delta R.T. 0.00 min  
 Lab File: VU027594.D  
 Acq: 11 Oct 2018 13:24

Tgt Ion	Resp	Lower	Upper
98	149579		
98	100		
100	65.6	52.1	78.1

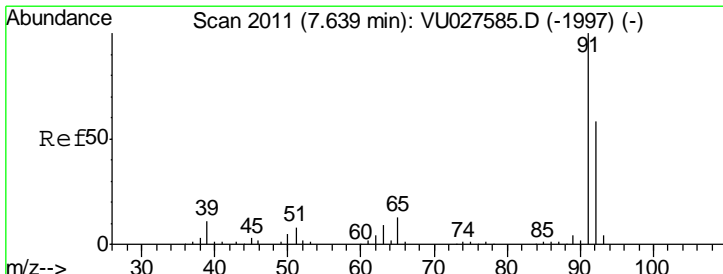
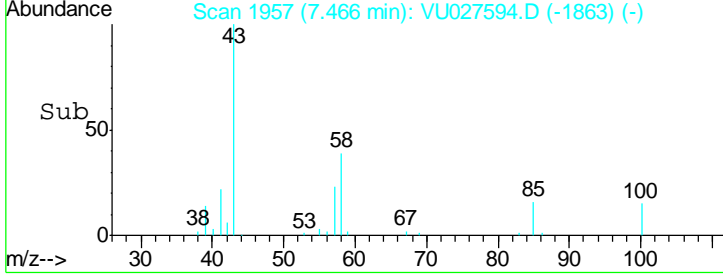
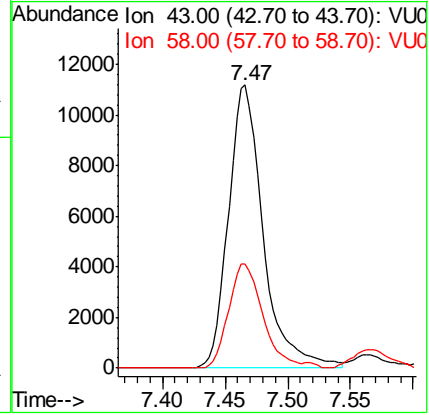
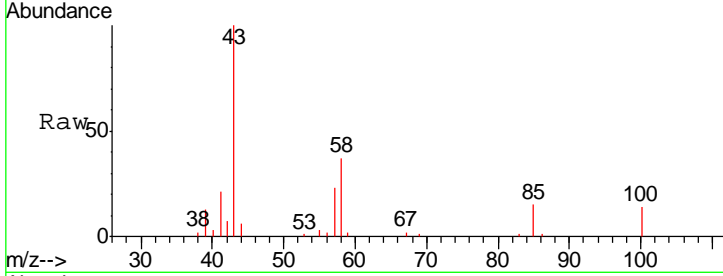




#51  
 4-Methyl-2-Pentanone  
 Concen: 9.49 ug/l  
 RT: 7.47 min Scan# 1957  
 Delta R.T. 0.00 min  
 Lab File: VU027594.D  
 Acq: 11 Oct 2018 13:24

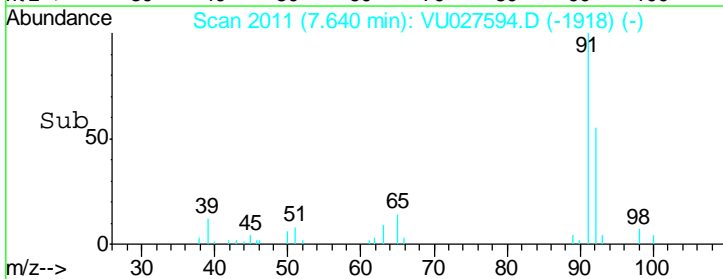
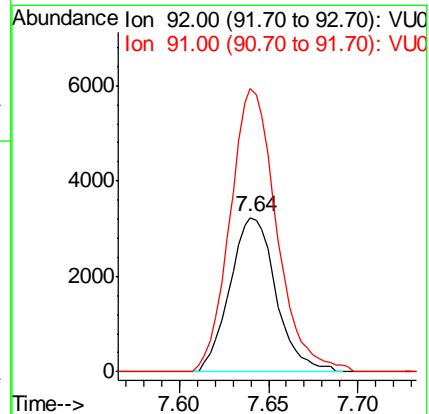
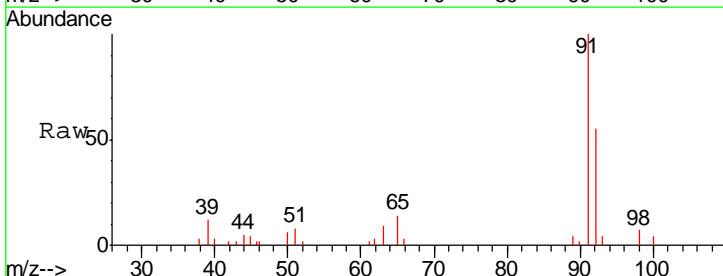
Instrument : MSVOA\_U  
 ClientSampled : LOD-MDL-WATER-01-QT4-2018

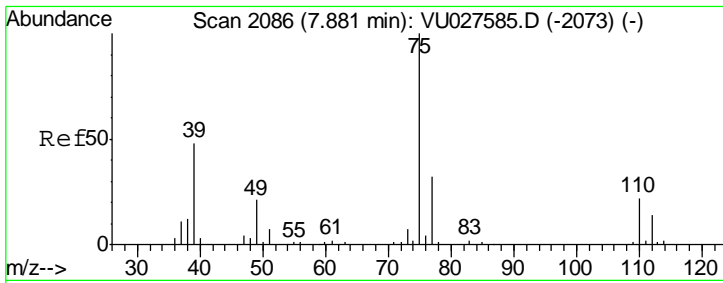
Tgt Ion: 43 Resp: 21487  
 Ion Ratio Lower Upper  
 43 100  
 58 36.6 29.8 44.8



#52  
 Toluene  
 Concen: 2.08 ug/l  
 RT: 7.64 min Scan# 2011  
 Delta R.T. 0.00 min  
 Lab File: VU027594.D  
 Acq: 11 Oct 2018 13:24

Tgt Ion: 92 Resp: 5835  
 Ion Ratio Lower Upper  
 92 100  
 91 185.1 138.6 208.0

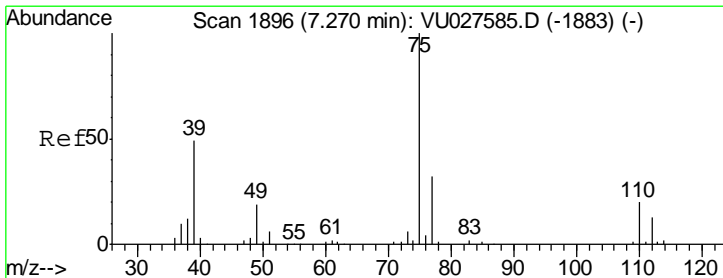
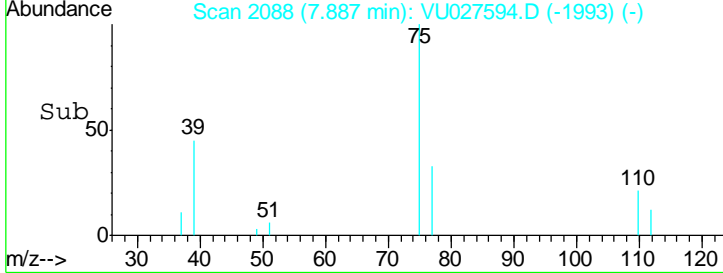
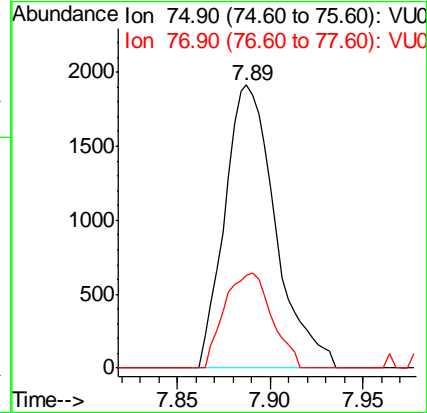
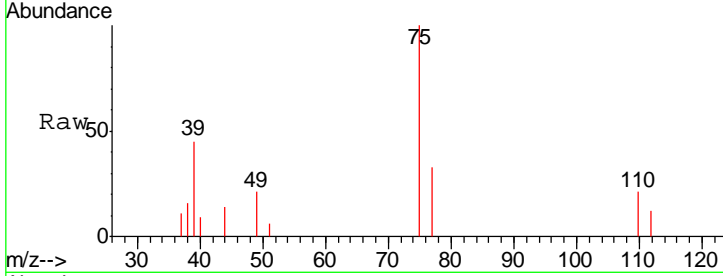




#53  
 t-1,3-Dichloropropene  
 Concen: 1.93 ug/l  
 RT: 7.89 min Scan# 2088  
 Delta R.T. 0.01 min  
 Lab File: VU027594.D  
 Acq: 11 Oct 2018 13:24

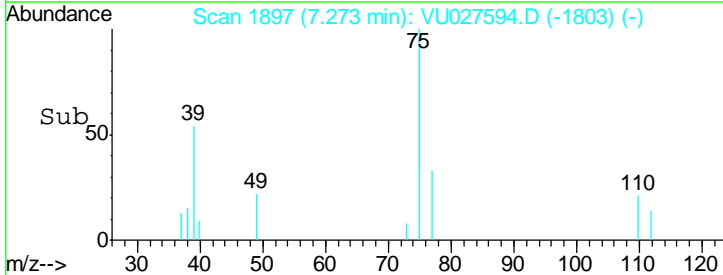
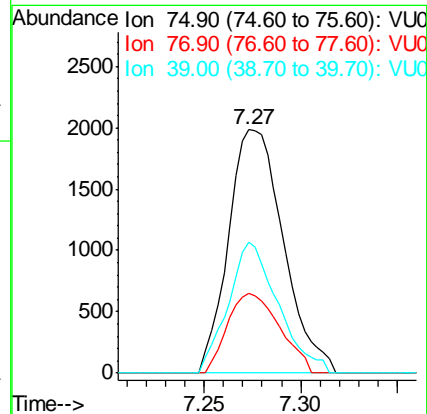
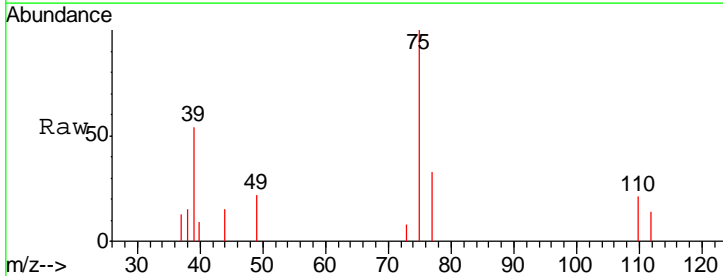
**Instrument :**  
 MSVOA\_U  
**ClientSampled :**  
 LOD-MDL-WATER-01-QT4-2018

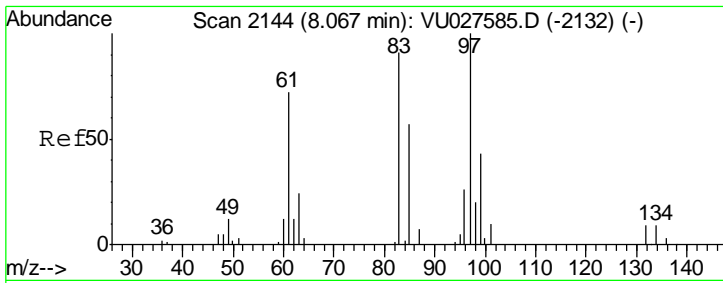
Tgt Ion: 75 Resp: 3626  
 Ion Ratio Lower Upper  
 75 100  
 77 32.8 25.0 37.6



#54  
 cis-1,3-Dichloropropene  
 Concen: 1.91 ug/l  
 RT: 7.27 min Scan# 1897  
 Delta R.T. 0.00 min  
 Lab File: VU027594.D  
 Acq: 11 Oct 2018 13:24

Tgt Ion: 75 Resp: 3919  
 Ion Ratio Lower Upper  
 75 100  
 77 32.6 24.5 36.7  
 39 54.0 40.1 60.1

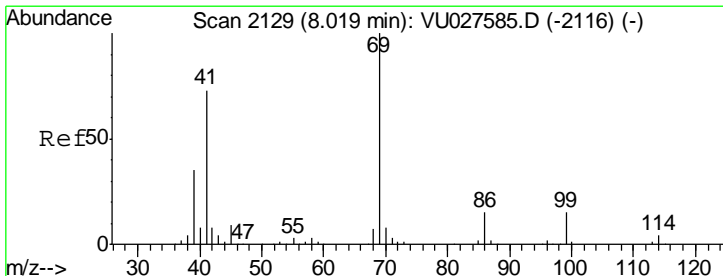
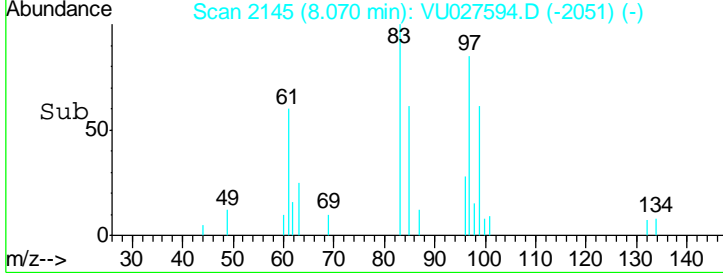
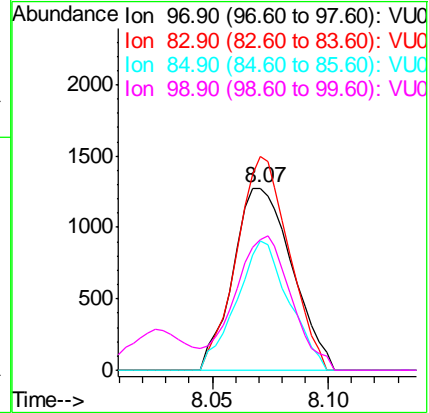
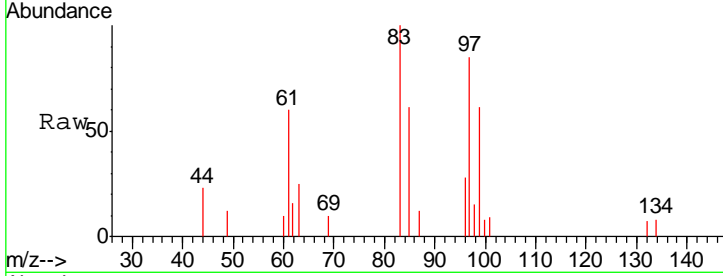




#55  
 1,1,2-Trichloroethane  
 Concen: 1.94 ug/l  
 RT: 8.07 min Scan# 2145  
 Delta R.T. 0.00 min  
 Lab File: VU027594.D  
 Acq: 11 Oct 2018 13:24

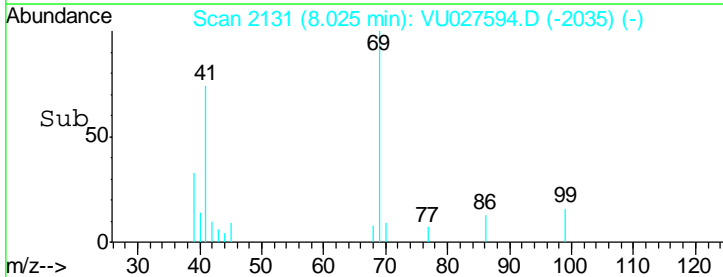
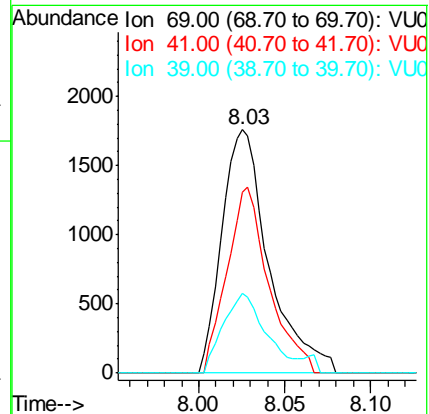
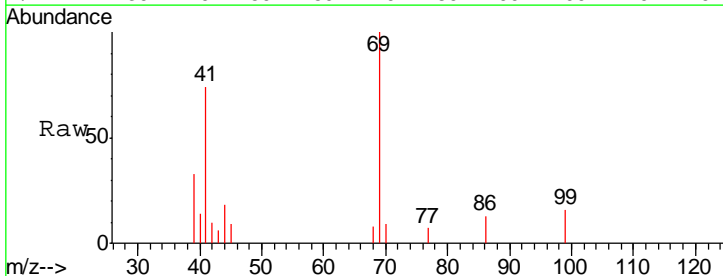
Instrument : MSVOA\_U  
 ClientSampleId : LOD-MDL-WATER-01-QT4-2018

Tgt Ion	Resp	Lower	Upper
97	100		
83	117.1	73.0	109.6#
85	70.9	47.3	70.9#
99	71.6	49.7	74.5

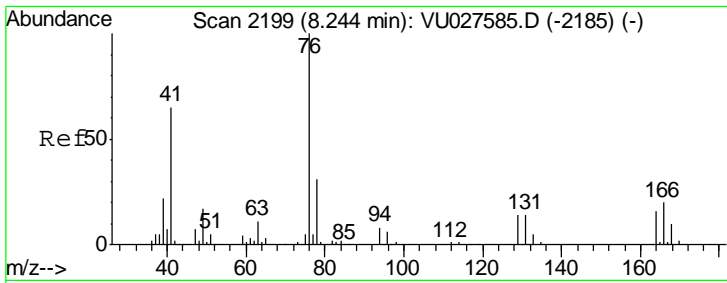


#56  
 Ethyl methacrylate  
 Concen: 3.67 ug/l  
 RT: 8.03 min Scan# 2131  
 Delta R.T. 0.01 min  
 Lab File: VU027594.D  
 Acq: 11 Oct 2018 13:24

Tgt Ion	Resp	Lower	Upper
69	100		
41	68.1	60.0	90.0
39	30.2	29.5	44.3



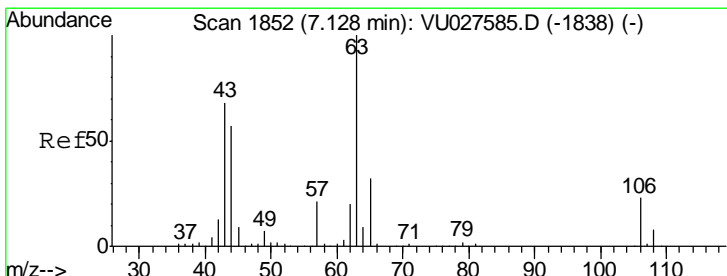
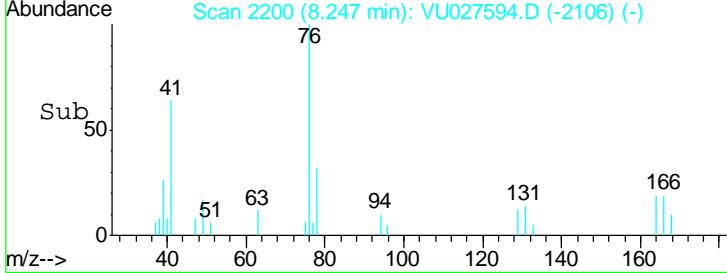
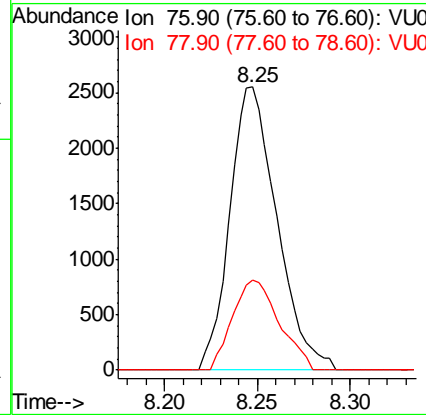
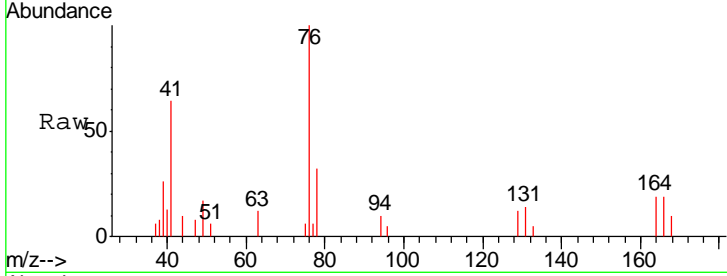




#57  
 1,3-Dichloropropane  
 Concen: 2.04 ug/l  
 RT: 8.25 min Scan# 2200  
 Delta R.T. 0.00 min  
 Lab File: VU027594.D  
 Acq: 11 Oct 2018 13:24

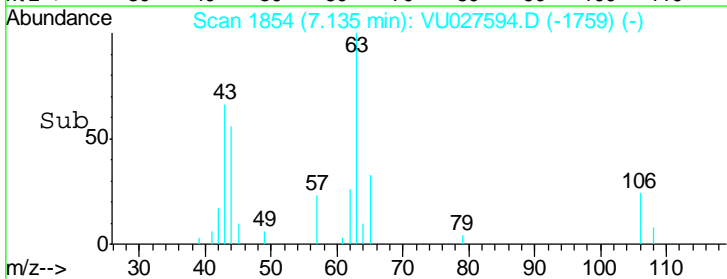
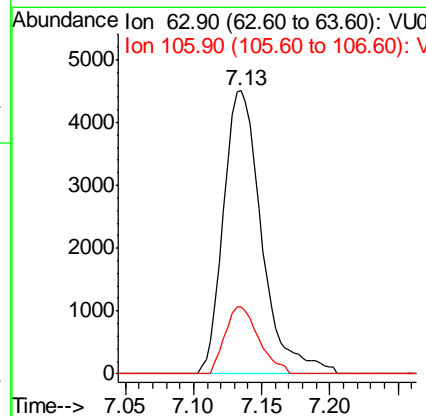
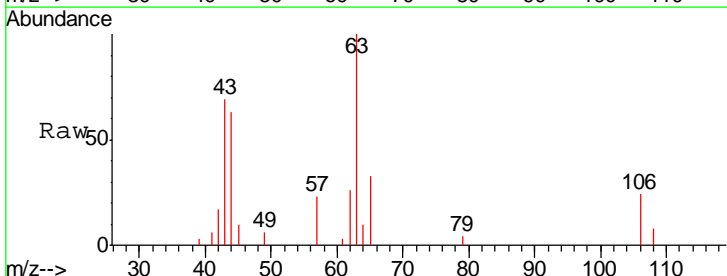
Instrument : MSVOA\_U  
 ClientSampled : LOD-MDL-WATER-01-QT4-2018

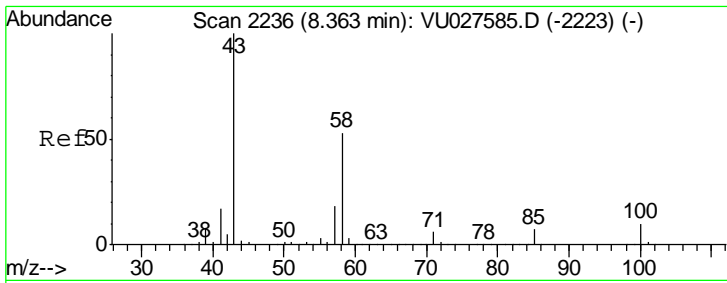
Tgt Ion: 76 Resp: 4496  
 Ion Ratio Lower Upper  
 76 100  
 78 31.5 25.8 38.6



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 12.80 ug/l  
 RT: 7.13 min Scan# 1854  
 Delta R.T. 0.01 min  
 Lab File: VU027594.D  
 Acq: 11 Oct 2018 13:24

Tgt Ion: 63 Resp: 8791  
 Ion Ratio Lower Upper  
 63 100  
 106 20.9 18.5 27.7

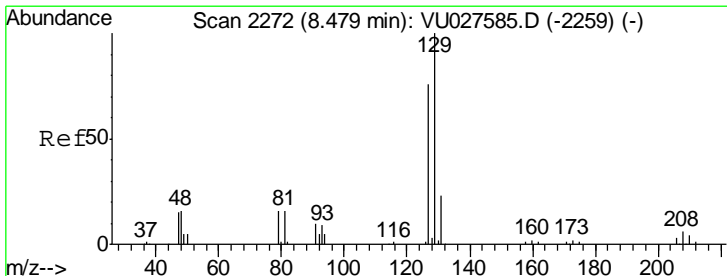
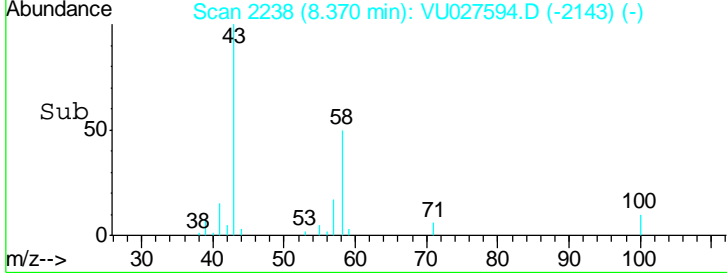
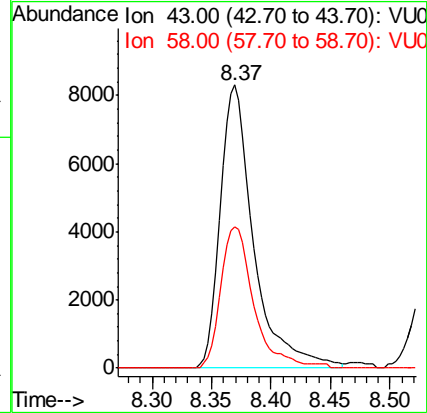
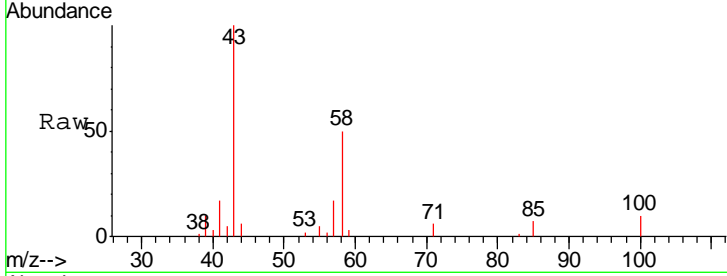




#59  
 2-Hexanone  
 Concen: 9.16 ug/l  
 RT: 8.37 min Scan# 2238  
 Delta R.T. 0.01 min  
 Lab File: VU027594.D  
 Acq: 11 Oct 2018 13:24

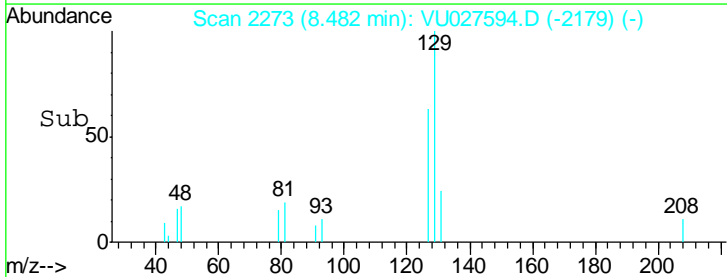
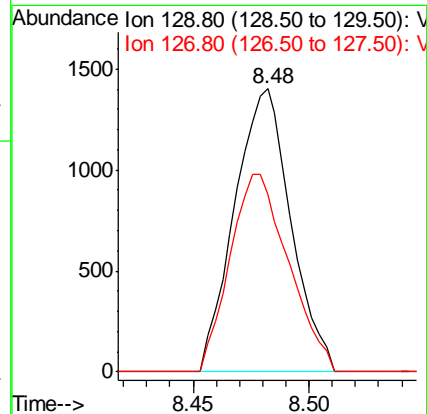
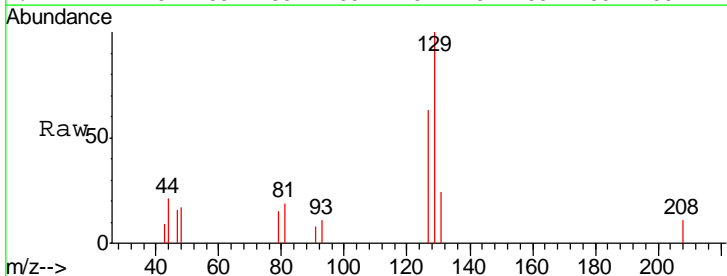
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 LOD-MDL-WATER-01-QT4-2018

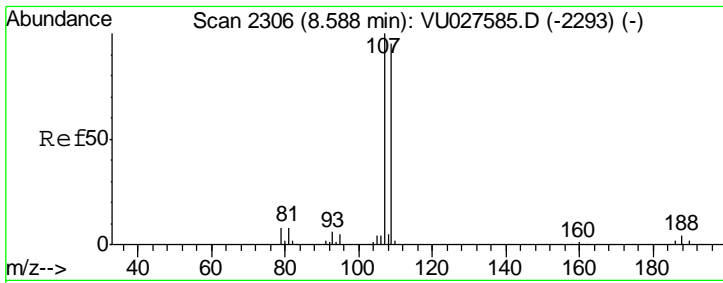
Tgt Ion: 43 Resp: 16193  
 Ion Ratio Lower Upper  
 43 100  
 58 49.4 26.1 78.3



#60  
 Dibromochloromethane  
 Concen: 2.04 ug/l  
 RT: 8.48 min Scan# 2273  
 Delta R.T. 0.00 min  
 Lab File: VU027594.D  
 Acq: 11 Oct 2018 13:24

Tgt Ion: 129 Resp: 2362  
 Ion Ratio Lower Upper  
 129 100  
 127 72.7 39.1 117.2

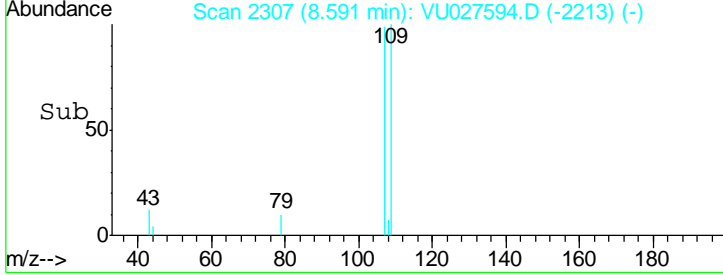
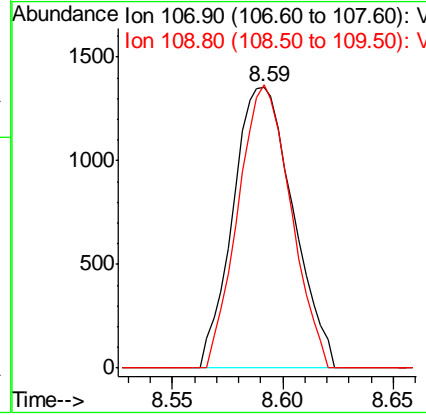
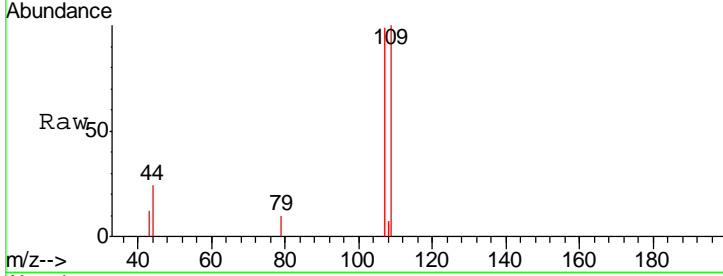




#61  
 1,2-Dibromoethane  
 Concen: 2.10 ug/l  
 RT: 8.59 min Scan# 2307  
 Delta R.T. 0.00 min  
 Lab File: VU027594.D  
 Acq: 11 Oct 2018 13:24

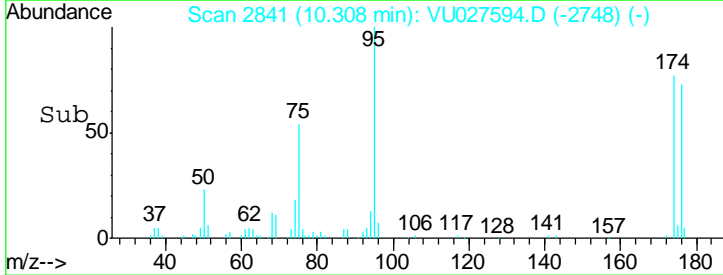
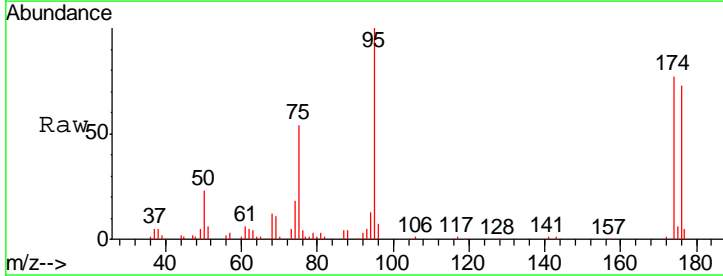
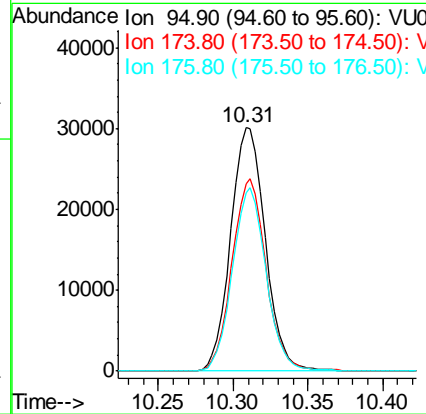
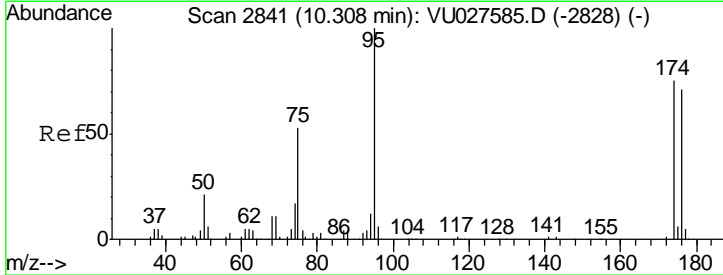
Instrument : MSVOA\_U  
 ClientSampled : LOD-MDL-WATER-01-QT4-2018

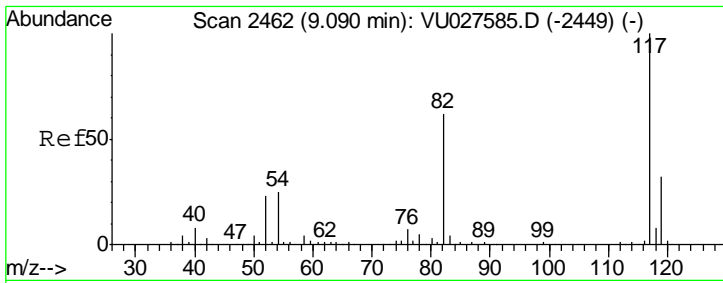
Tgt Ion	Resp	Ion Ratio	Lower	Upper
107	2560	100		
109		88.5	74.5	111.7



#62  
 4-Bromofluorobenzene  
 Concen: 33.53 ug/l  
 RT: 10.31 min Scan# 2841  
 Delta R.T. 0.00 min  
 Lab File: VU027594.D  
 Acq: 11 Oct 2018 13:24

Tgt Ion	Resp	Ion Ratio	Lower	Upper
95	48664	100		
174		77.5	0.0	147.8
176		73.2	0.0	140.8

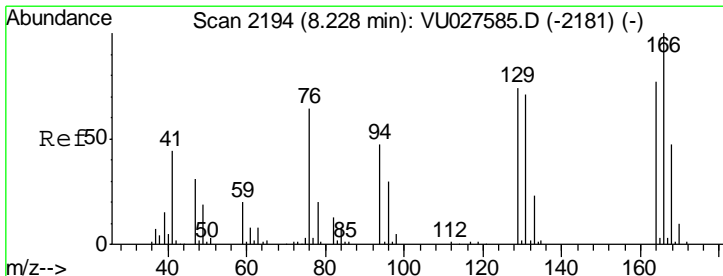
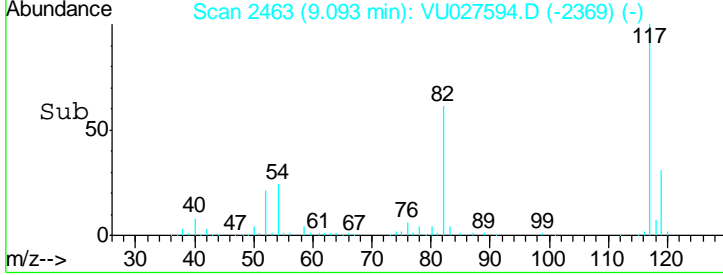
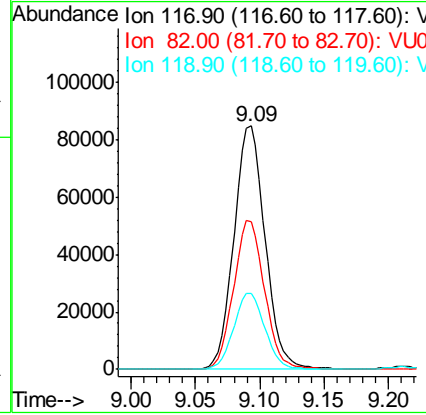
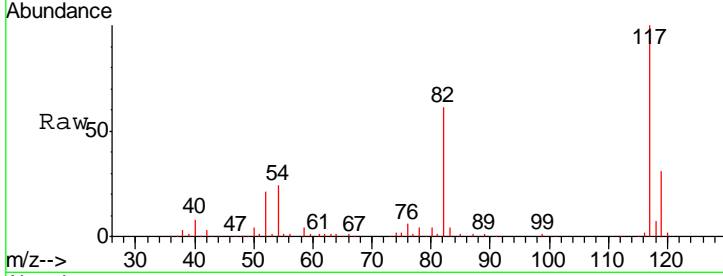




#63  
 Chlorobenzene-d5  
 Concen: 50.00 ug/l  
 RT: 9.09 min Scan# 2463  
 Delta R.T. 0.00 min  
 Lab File: VU027594.D  
 Acq: 11 Oct 2018 13:24

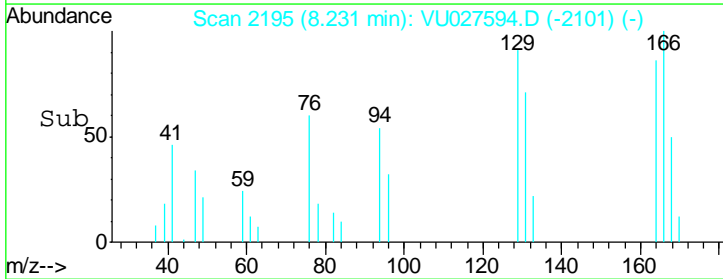
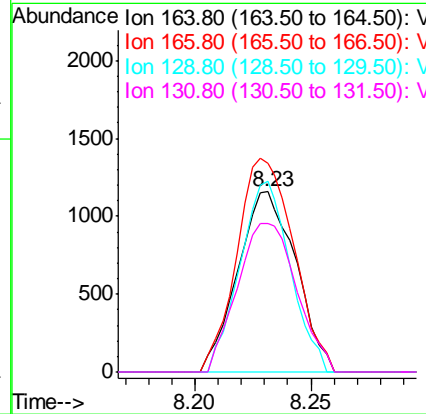
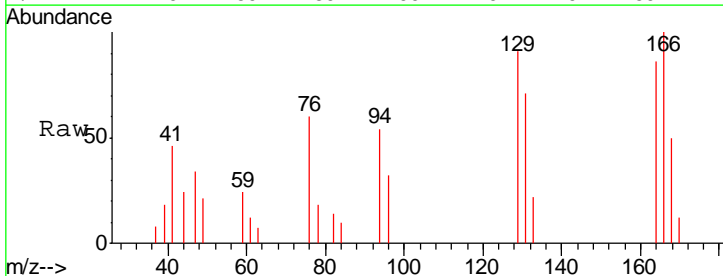
Instrument : MSVOA\_U  
 ClientSampled : LOD-MDL-WATER-01-QT4-2018

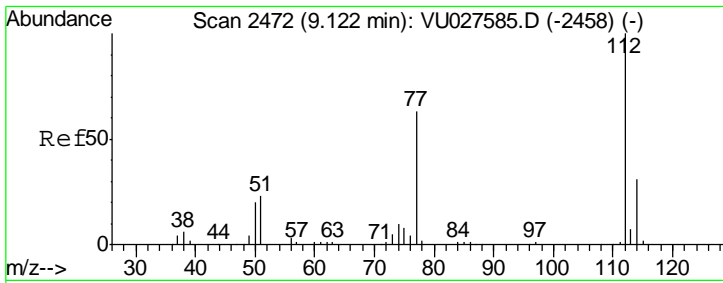
Tgt Ion	Resp	Lower	Upper
117	142549		
82	60.6	49.2	73.8
119	31.0	25.7	38.5



#64  
 Tetrachloroethene  
 Concen: 2.27 ug/l  
 RT: 8.23 min Scan# 2195  
 Delta R.T. 0.00 min  
 Lab File: VU027594.D  
 Acq: 11 Oct 2018 13:24

Tgt Ion	Resp	Lower	Upper
164	2010		
166	115.9	101.0	151.6
129	105.6	78.0	117.0
131	82.6	72.6	109.0

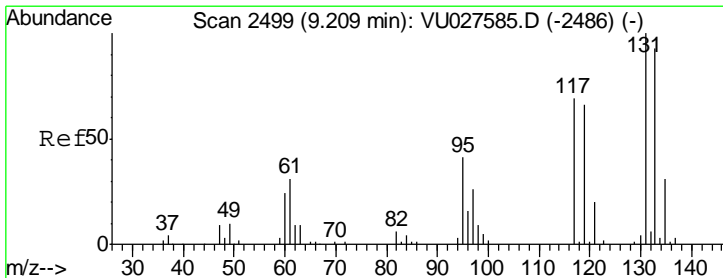
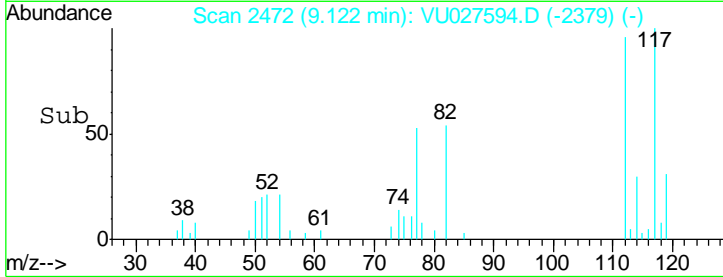
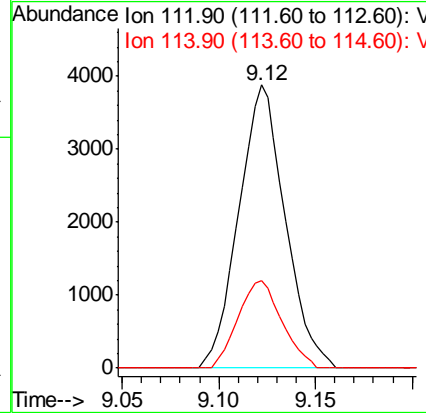
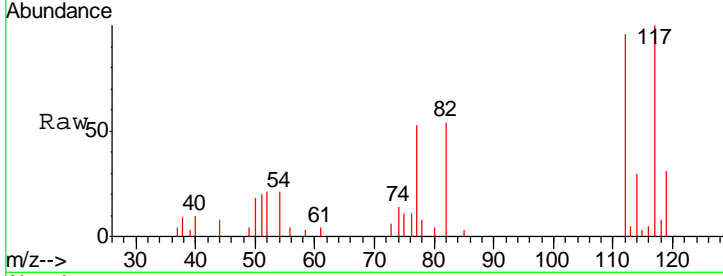




#65  
 Chlorobenzene  
 Concen: 2.19 ug/l  
 RT: 9.12 min Scan# 2472  
 Delta R.T. 0.00 min  
 Lab File: VU027594.D  
 Acq: 11 Oct 2018 13:24

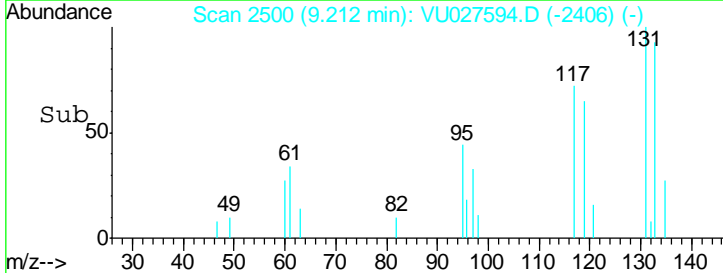
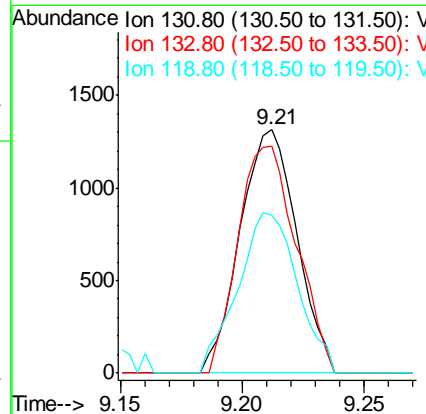
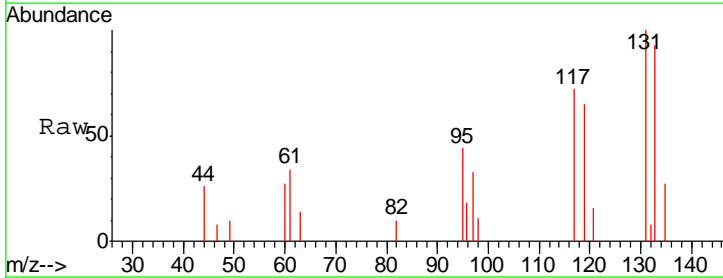
Instrument : MSVOA\_U  
 ClientSampled : LOD-MDL-WATER-01-QT4-2018

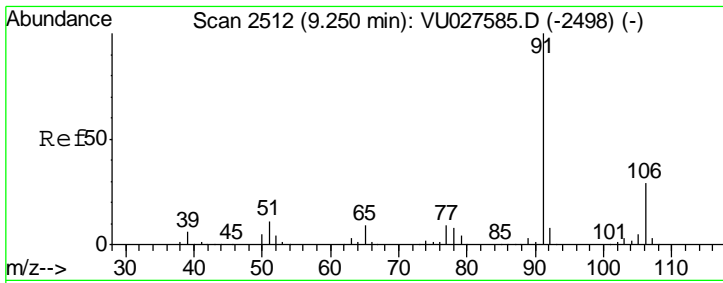
Tgt Ion	Resp	Lower	Upper
112	6474		
114	31.0	25.8	38.6



#66  
 1,1,1,2-Tetrachloroethane  
 Concen: 2.10 ug/l  
 RT: 9.21 min Scan# 2500  
 Delta R.T. 0.00 min  
 Lab File: VU027594.D  
 Acq: 11 Oct 2018 13:24

Tgt Ion	Resp	Lower	Upper
131	2119		
133	95.9	48.5	145.6
119	69.1	33.5	100.4

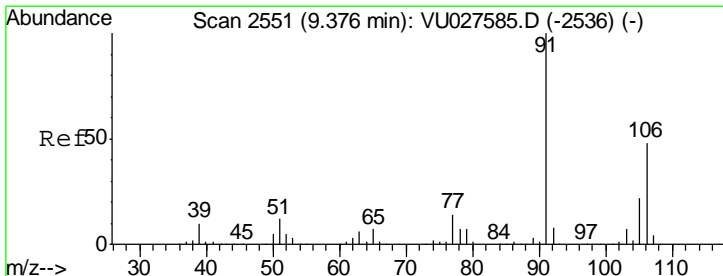
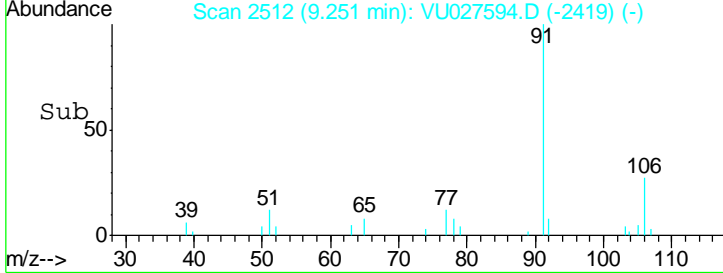
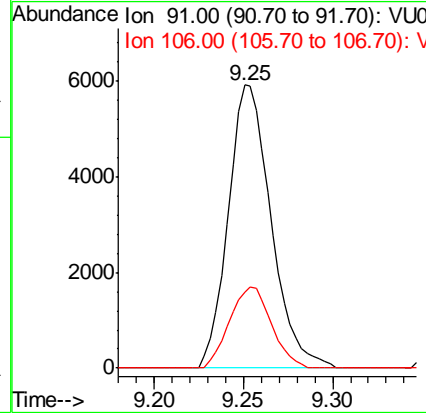
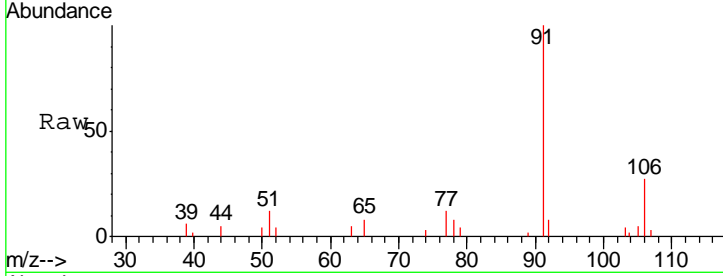




#67  
 Ethyl Benzene  
 Concen: 1.94 ug/l  
 RT: 9.25 min Scan# 2512  
 Delta R.T. 0.00 min  
 Lab File: VU027594.D  
 Acq: 11 Oct 2018 13:24

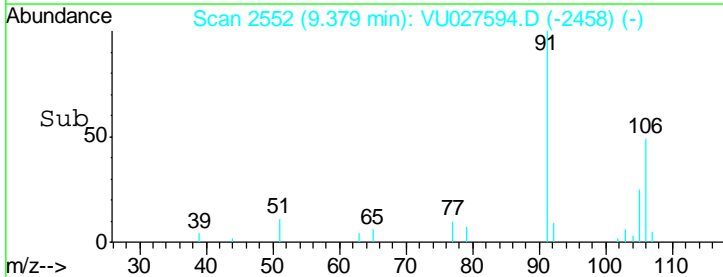
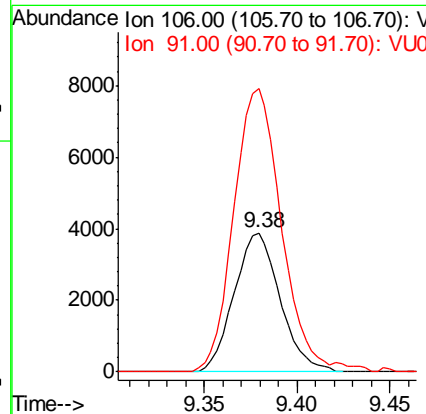
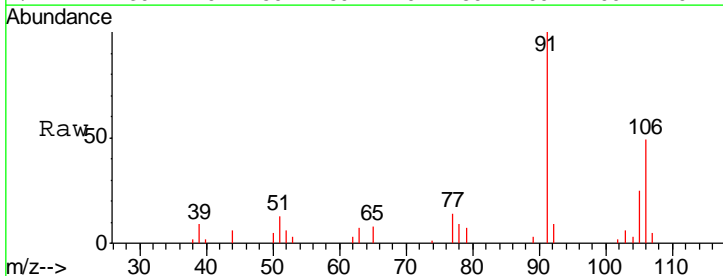
Instrument : MSVOA\_U  
 ClientSampled : LOD-MDL-WATER-01-QT4-2018

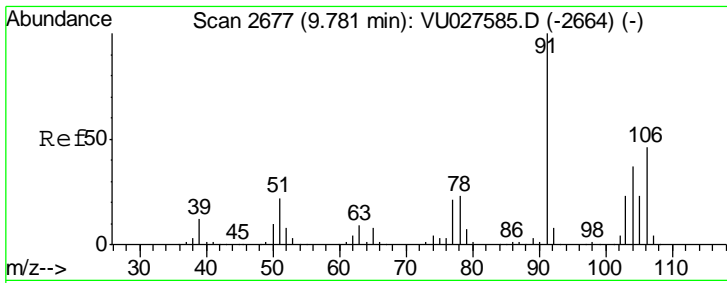
Tgt Ion: 91 Resp: 9865  
 Ion Ratio Lower Upper  
 91 100  
 106 26.9 23.6 35.4



#68  
 m/p-Xylenes  
 Concen: 3.61 ug/l  
 RT: 9.38 min Scan# 2552  
 Delta R.T. 0.00 min  
 Lab File: VU027594.D  
 Acq: 11 Oct 2018 13:24

Tgt Ion: 106 Resp: 6681  
 Ion Ratio Lower Upper  
 106 100  
 91 212.6 168.1 252.1

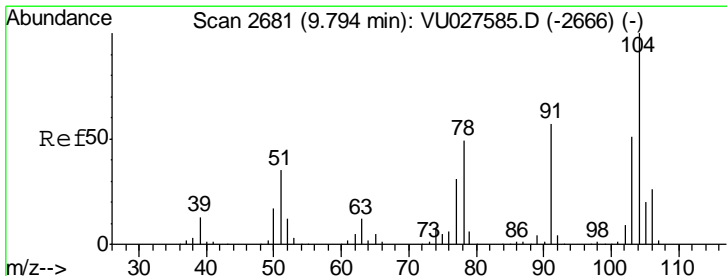
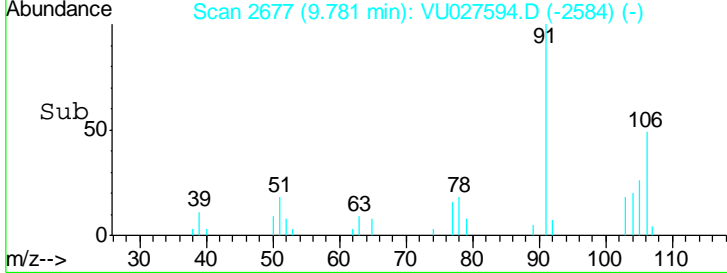
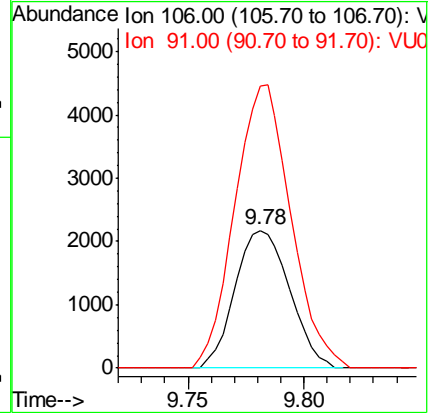
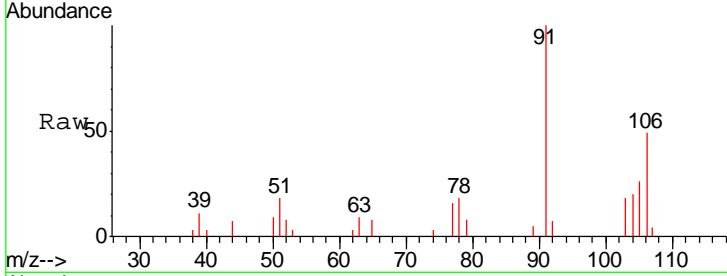




#69  
 o-Xylene  
 Concen: 1.97 ug/l  
 RT: 9.78 min Scan# 2677  
 Delta R.T. 0.00 min  
 Lab File: VU027594.D  
 Acq: 11 Oct 2018 13:24

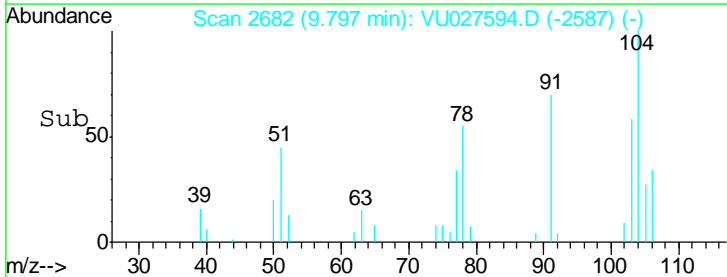
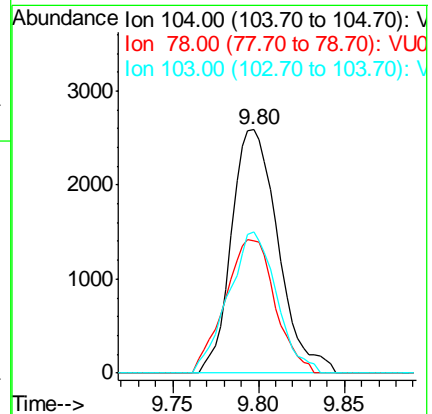
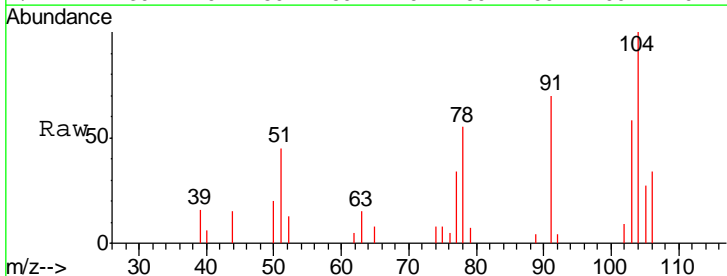
Instrument : MSVOA\_U  
 ClientSampleId : LOD-MDL-WATER-01-QT4-2018

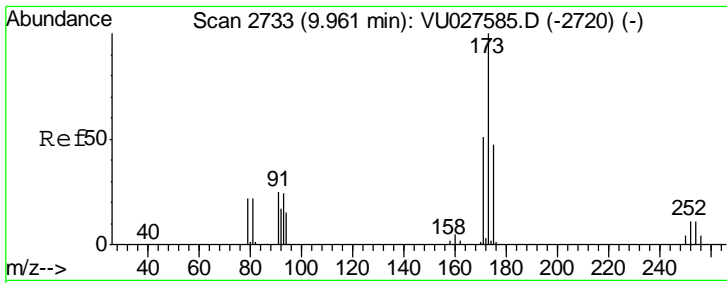
Tgt Ion:106 Resp: 3553  
 Ion Ratio Lower Upper  
 106 100  
 91 211.7 111.7 334.9



#70  
 Styrene  
 Concen: 2.69 ug/l  
 RT: 9.80 min Scan# 2682  
 Delta R.T. 0.00 min  
 Lab File: VU027594.D  
 Acq: 11 Oct 2018 13:24

Tgt Ion:104 Resp: 4883  
 Ion Ratio Lower Upper  
 104 100  
 78 58.8 42.9 64.3  
 103 59.8 43.9 65.9

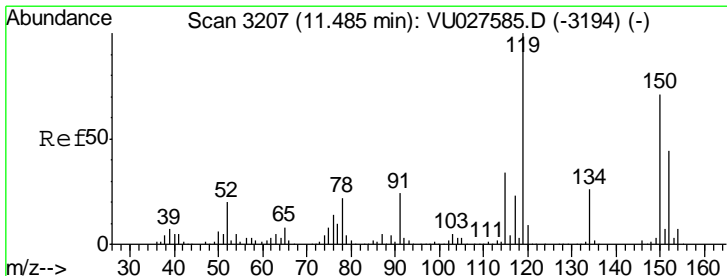
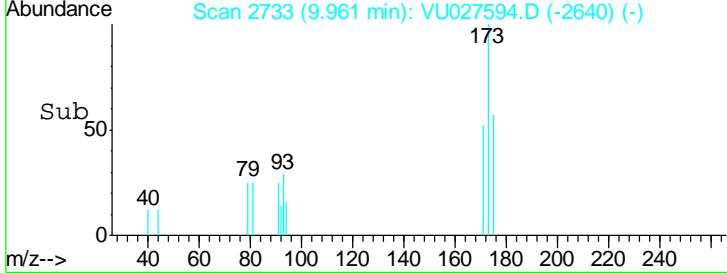
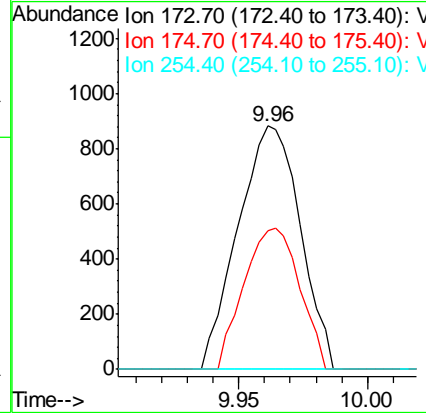
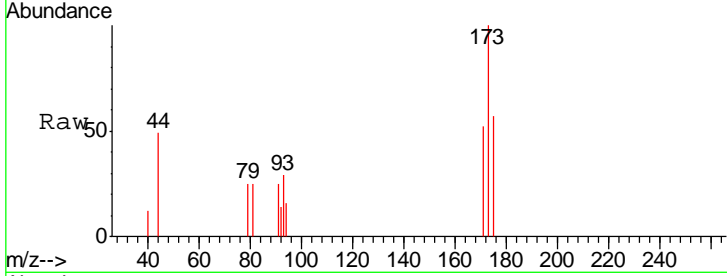




#71  
 Bromoform  
 Concen: 1.77 ug/l  
 RT: 9.96 min Scan# 2733  
 Delta R.T. 0.00 min  
 Lab File: VU027594.D  
 Acq: 11 Oct 2018 13:24

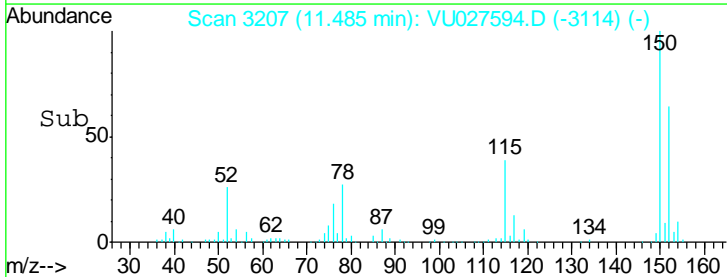
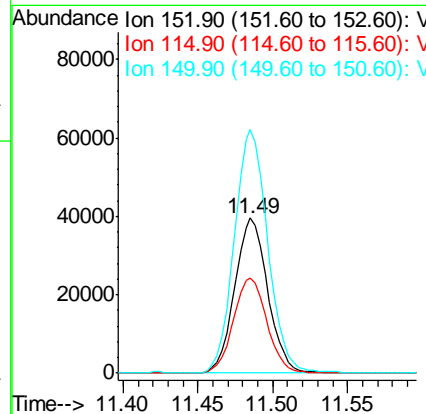
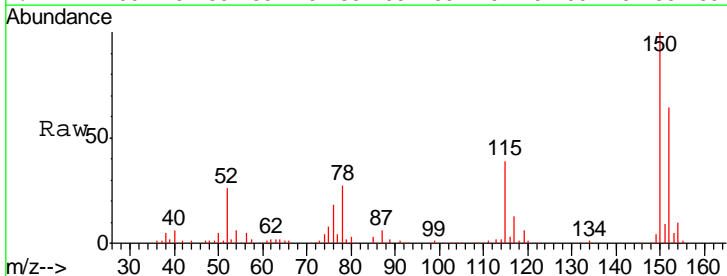
**Instrument :**  
 MSVOA\_U  
**ClientSampled :**  
 LOD-MDL-WATER-01-QT4-2018

Tgt Ion	Resp	Lower	Upper
173	100		
175	52.0	24.3	73.0
254	0.0	0.0	0.0

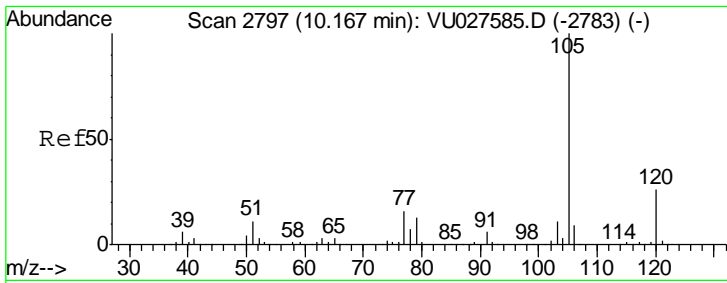


#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.00 ug/l  
 RT: 11.49 min Scan# 3207  
 Delta R.T. 0.00 min  
 Lab File: VU027594.D  
 Acq: 11 Oct 2018 13:24

Tgt Ion	Resp	Lower	Upper
152	100		
115	62.2	43.4	130.2
150	158.7	0.0	349.2



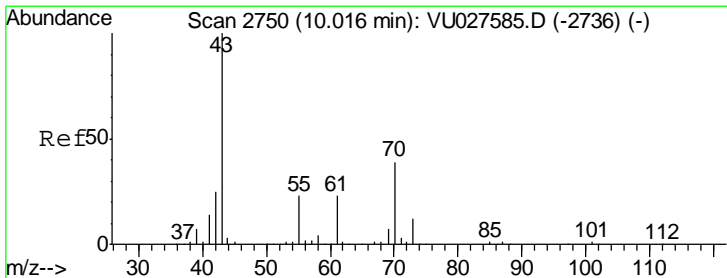
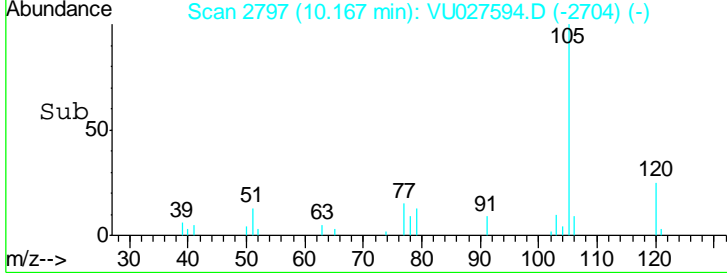
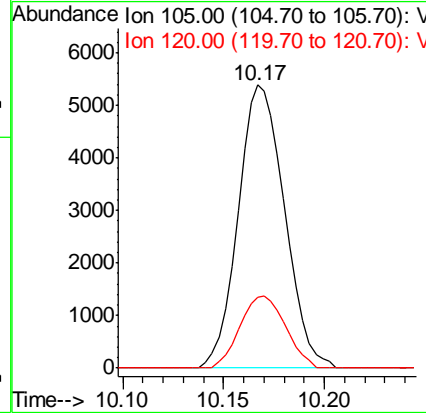
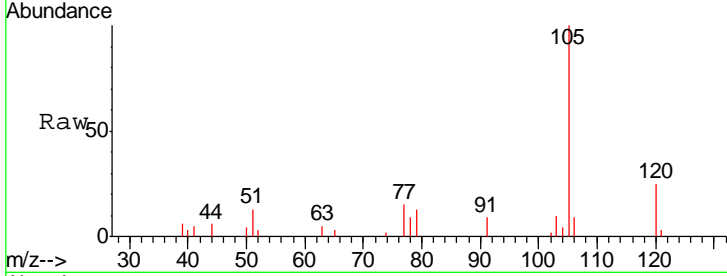




#73  
 Isopropylbenzene  
 Concen: 2.10 ug/l  
 RT: 10.17 min Scan# 2797  
 Delta R.T. 0.00 min  
 Lab File: VU027594.D  
 Acq: 11 Oct 2018 13:24

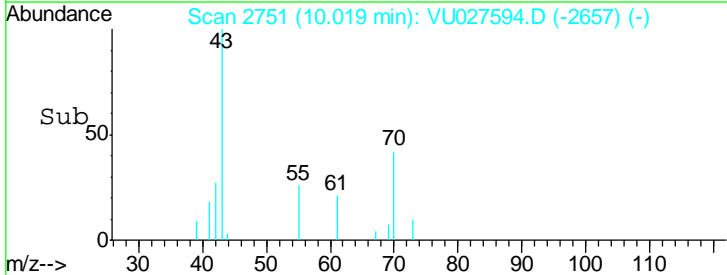
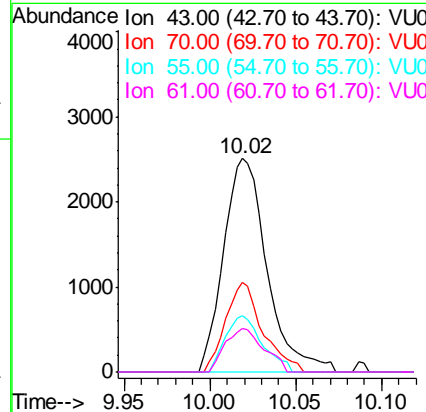
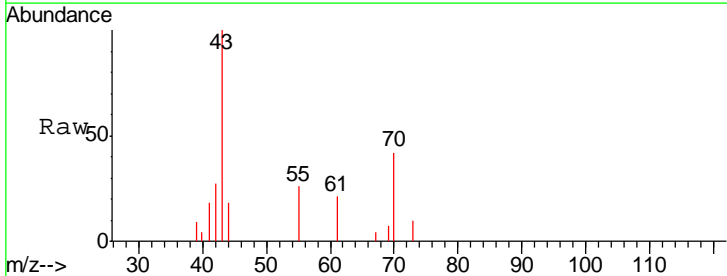
Instrument :  
 MSVOA\_U  
 ClientSampled :  
 LOD-MDL-WATER-01-QT4-2018

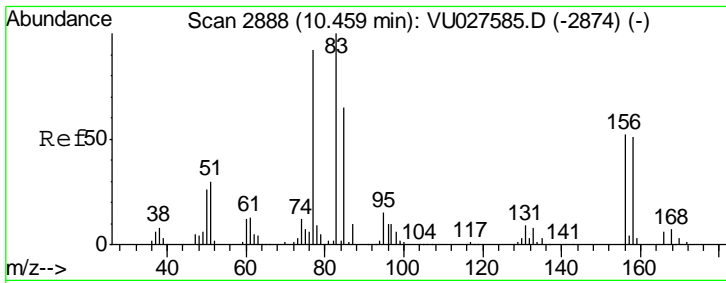
Tgt Ion: 105 Resp: 8648  
 Ion Ratio Lower Upper  
 105 100  
 120 25.0 12.6 37.8



#74  
 N-nyl acetate  
 Concen: 1.83 ug/l  
 RT: 10.02 min Scan# 2751  
 Delta R.T. 0.00 min  
 Lab File: VU027594.D  
 Acq: 11 Oct 2018 13:24

Tgt Ion: 43 Resp: 4427  
 Ion Ratio Lower Upper  
 43 100  
 70 35.8 31.3 46.9  
 55 22.4 19.0 28.6  
 61 18.2 18.5 27.7#

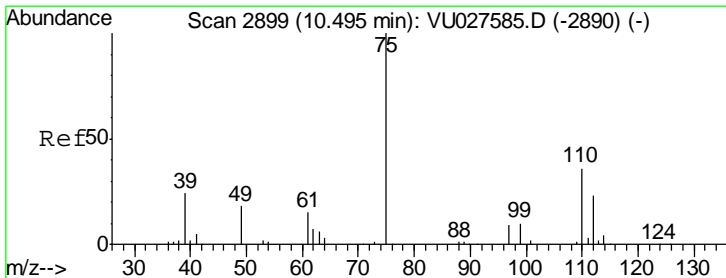
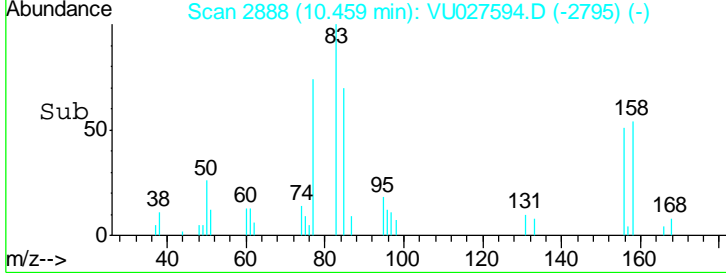
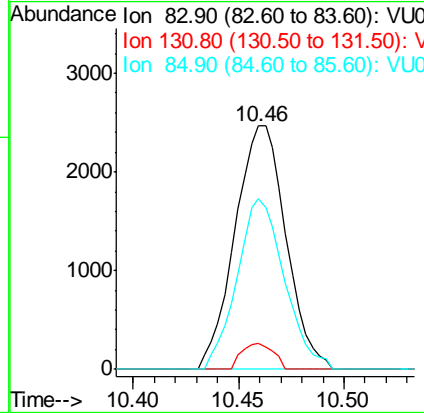
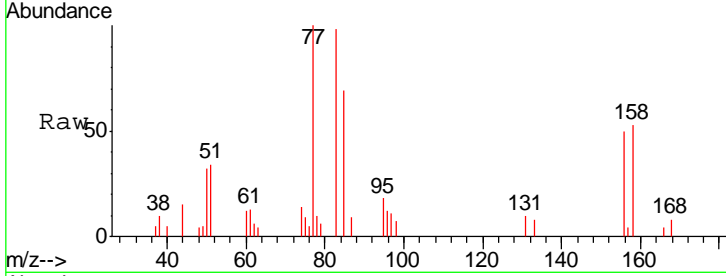




#75  
 1,1,2,2-Tetrachloroethane  
 Concen: 2.34 ug/l  
 RT: 10.46 min Scan# 2888  
 Delta R.T. 0.00 min  
 Lab File: VU027594.D  
 Acq: 11 Oct 2018 13:24

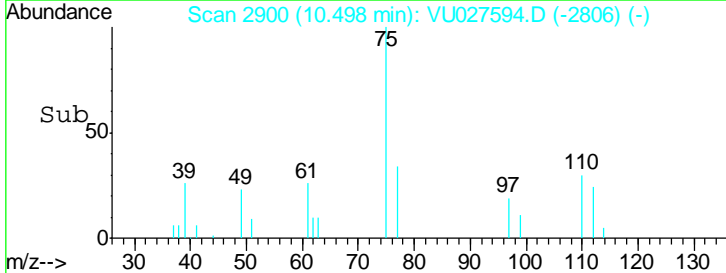
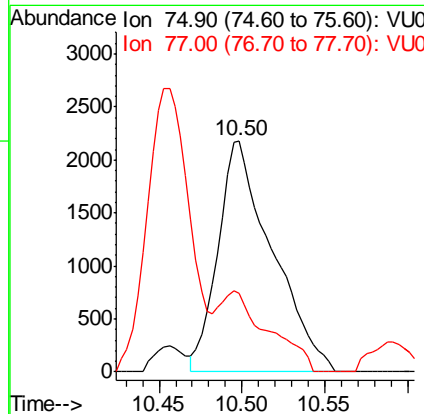
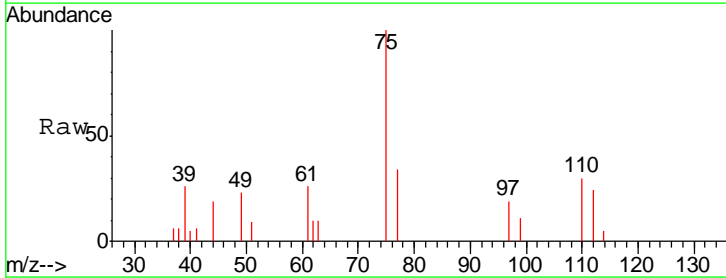
Instrument : MSVOA\_U  
 ClientSampled : LOD-MDL-WATER-01-QT4-2018

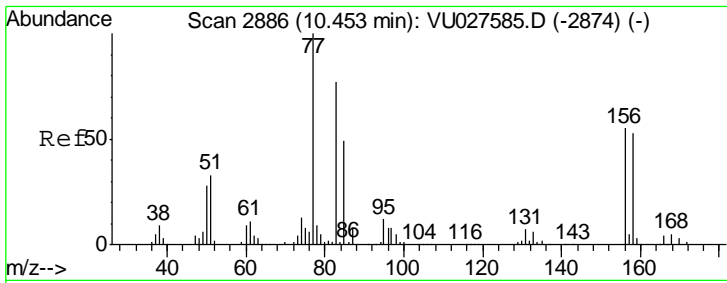
Tgt Ion	Resp	Lower	Upper
83	100		
131	6.6	4.4	13.2
85	65.2	32.0	96.0



#76  
 1,2,3-Trichloropropane  
 Concen: 2.83 ug/l  
 RT: 10.50 min Scan# 2900  
 Delta R.T. 0.00 min  
 Lab File: VU027594.D  
 Acq: 11 Oct 2018 13:24

Tgt Ion	Resp	Lower	Upper
75	100		
77	29.4	20.3	60.9

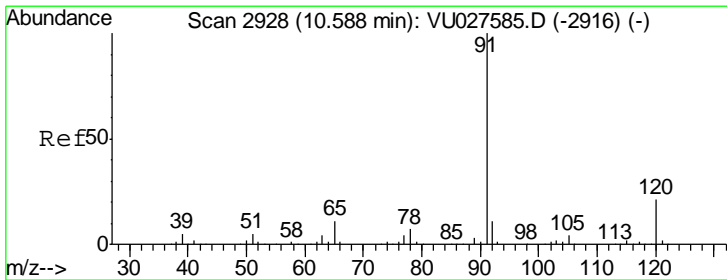
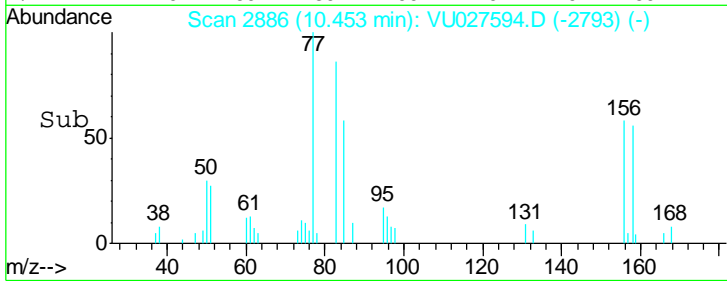
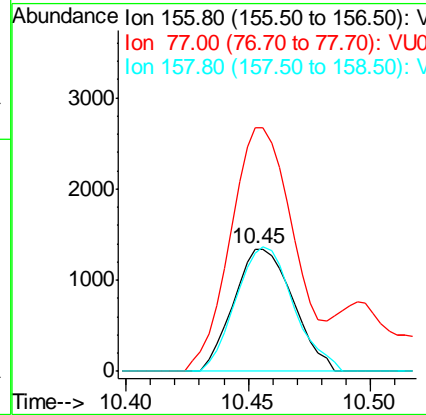
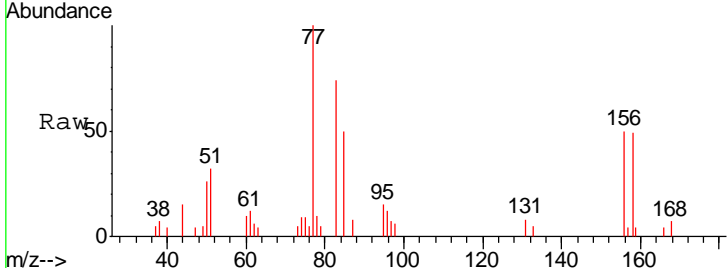




#77  
 Bromobenzene  
 Concen: 2.25 ug/l  
 RT: 10.45 min Scan# 2886  
 Delta R.T. 0.00 min  
 Lab File: VU027594.D  
 Acq: 11 Oct 2018 13:24

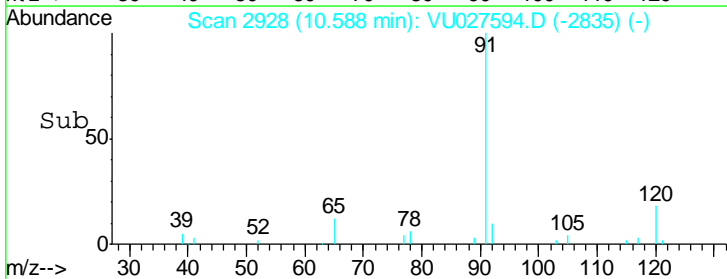
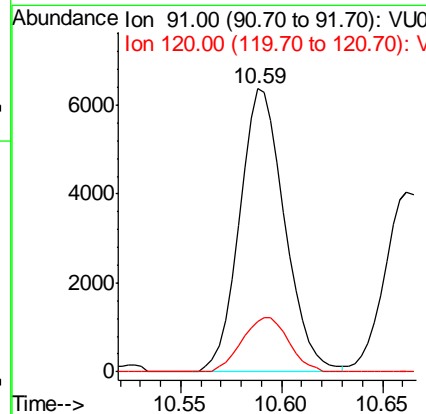
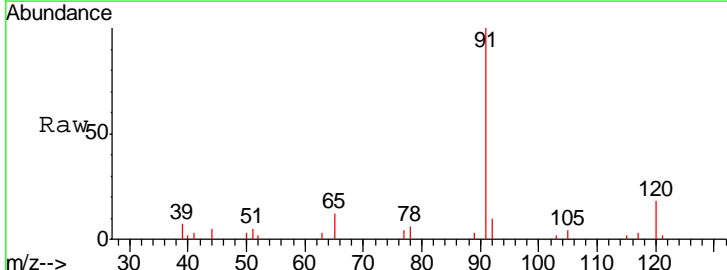
Instrument : MSVOA\_U  
 ClientSampled : LOD-MDL-WATER-01-QT4-2018

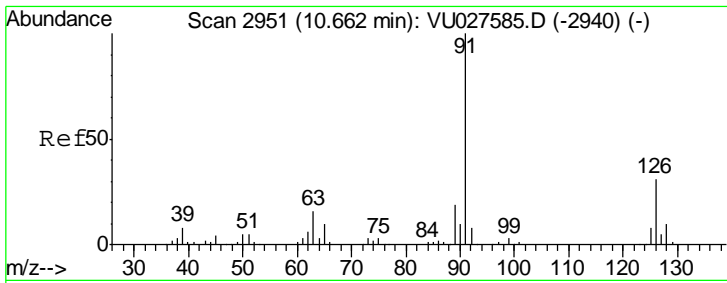
Tgt Ion	Resp	Lower	Upper
156	100		
77	213.0	94.8	284.4
158	98.5	47.4	142.3



#78  
 n-propylbenzene  
 Concen: 2.00 ug/l  
 RT: 10.59 min Scan# 2928  
 Delta R.T. 0.00 min  
 Lab File: VU027594.D  
 Acq: 11 Oct 2018 13:24

Tgt Ion	Resp	Lower	Upper
91	100		
120	19.8	10.6	31.8

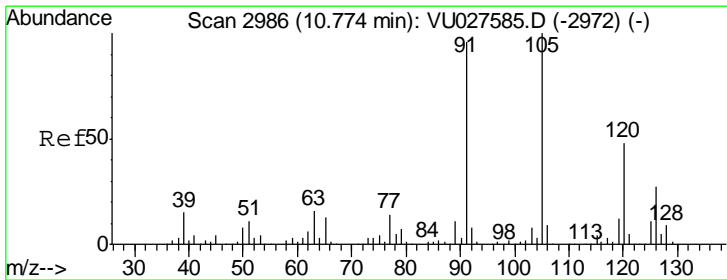
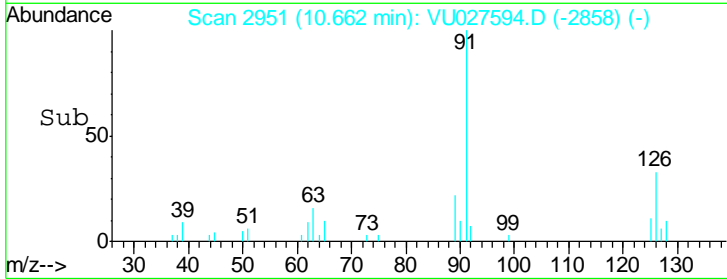
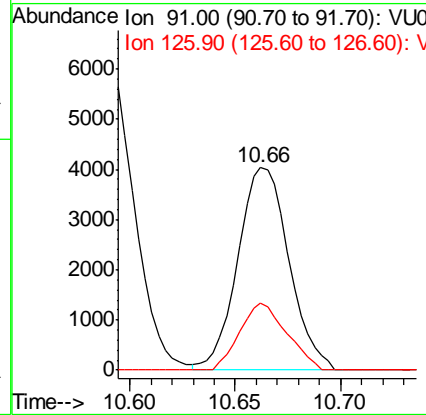
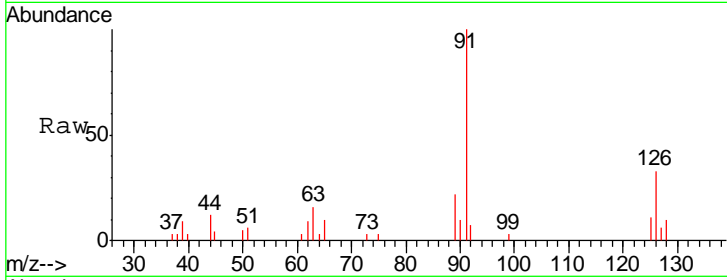




#79  
 2-Chlorotoluene  
 Concen: 2.23 ug/l  
 RT: 10.66 min Scan# 2951  
 Delta R.T. 0.00 min  
 Lab File: VU027594.D  
 Acq: 11 Oct 2018 13:24

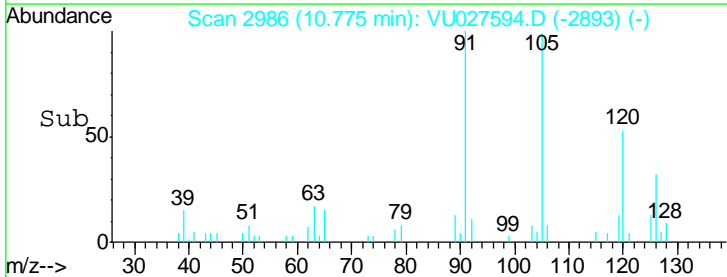
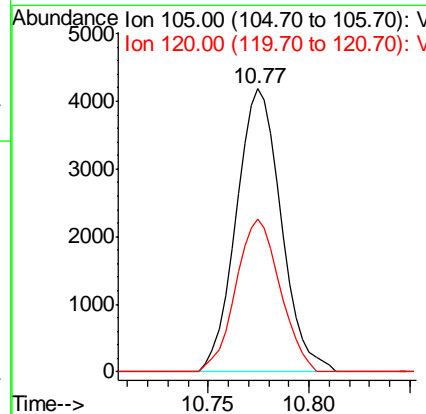
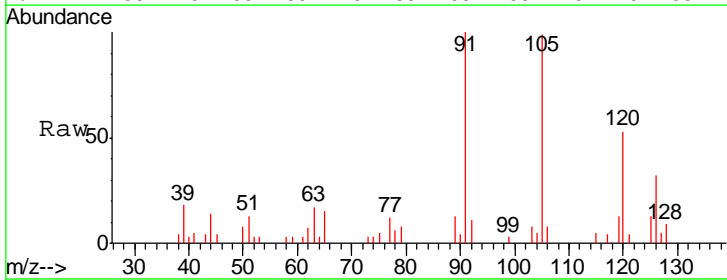
Instrument : MSVOA\_U  
 ClientSampled : LOD-MDL-WATER-01-QT4-2018

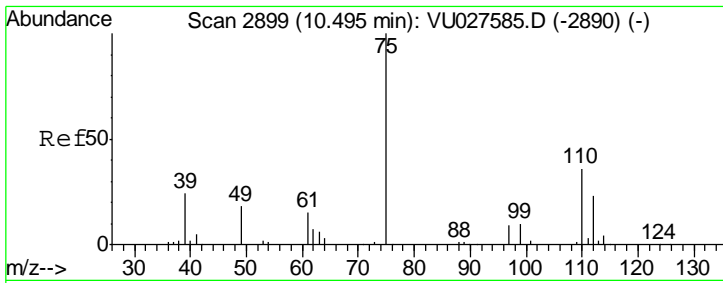
Tgt Ion: 91 Resp: 6822  
 Ion Ratio Lower Upper  
 91 100  
 126 30.2 15.7 47.1



#80  
 1,3,5-Trimethylbenzene  
 Concen: 1.59 ug/l  
 RT: 10.77 min Scan# 2986  
 Delta R.T. 0.00 min  
 Lab File: VU027594.D  
 Acq: 11 Oct 2018 13:24

Tgt Ion: 105 Resp: 6531  
 Ion Ratio Lower Upper  
 105 100  
 120 53.2 24.1 72.4

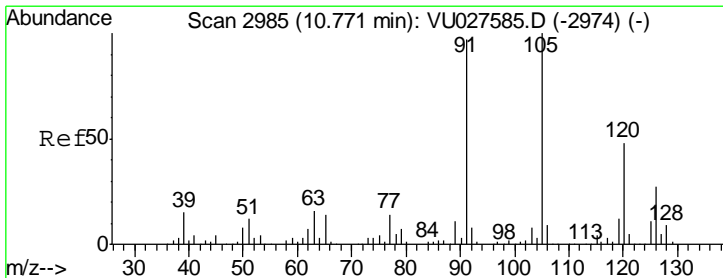
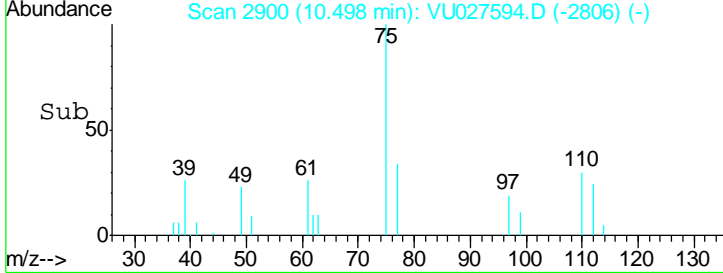
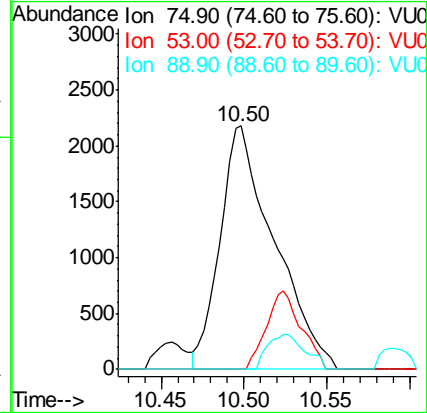
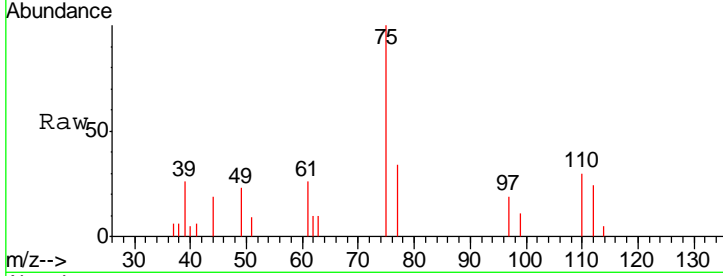




#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 3.33 ug/l  
 RT: 10.50 min Scan# 2900  
 Delta R.T. 0.00 min  
 Lab File: VU027594.D  
 Acq: 11 Oct 2018 13:24

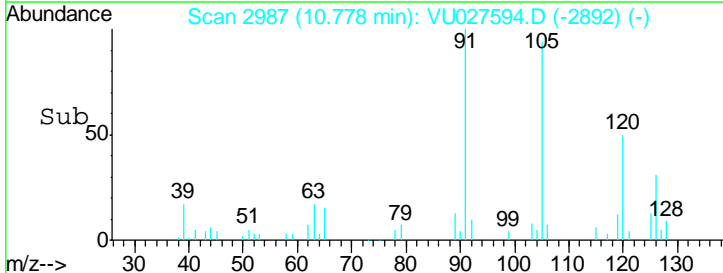
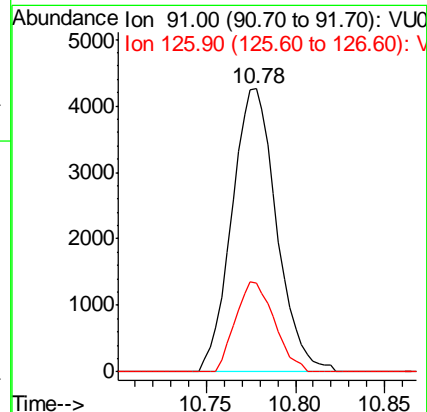
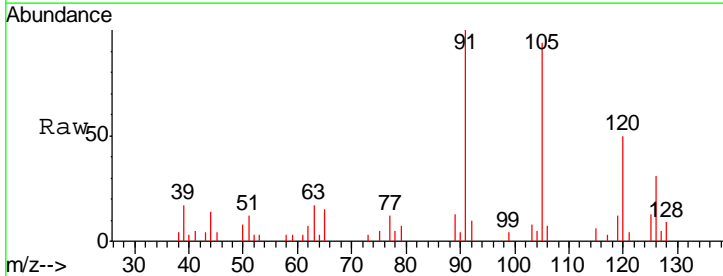
Instrument : MSVOA\_U  
 ClientSampled : LOD-MDL-WATER-01-QT4-2018

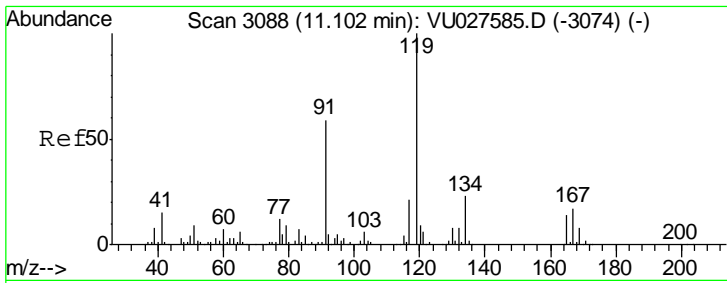
Tgt Ion	Resp	Lower	Upper
75	4953		
53	0.0	0.0	0.0
89	0.0	0.0	0.0



#82  
 4-Chlorotoluene  
 Concen: 2.18 ug/l  
 RT: 10.78 min Scan# 2987  
 Delta R.T. 0.01 min  
 Lab File: VU027594.D  
 Acq: 11 Oct 2018 13:24

Tgt Ion	Resp	Lower	Upper
91	7454		
126	27.6	13.6	40.8

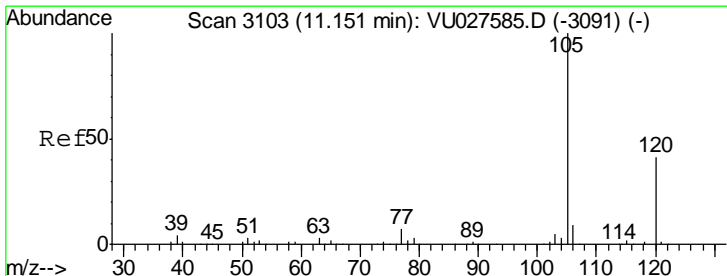
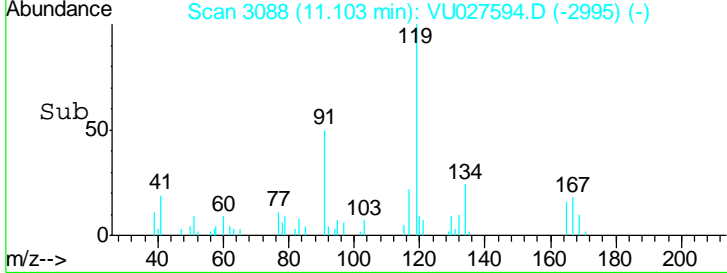
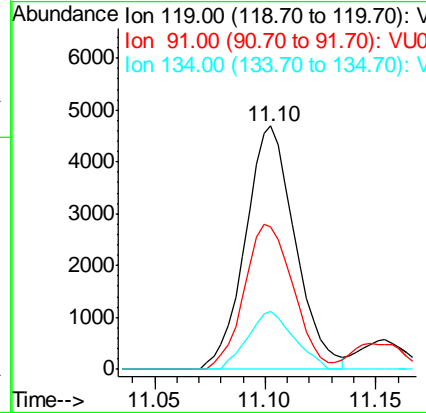
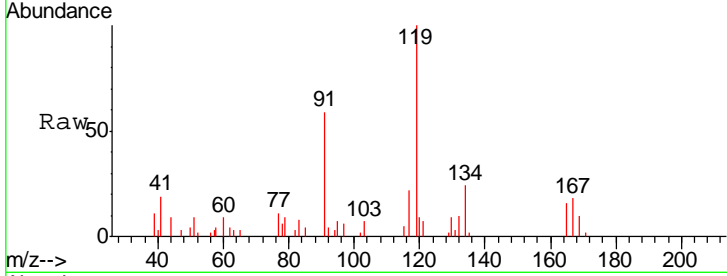




#83  
 tert-Butylbenzene  
 Concen: 2.19 ug/l  
 RT: 11.10 min Scan# 3088  
 Delta R.T. 0.00 min  
 Lab File: VU027594.D  
 Acq: 11 Oct 2018 13:24

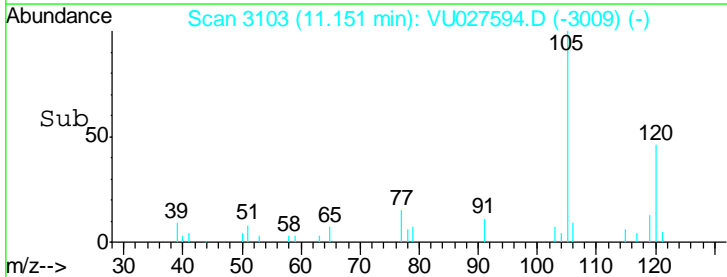
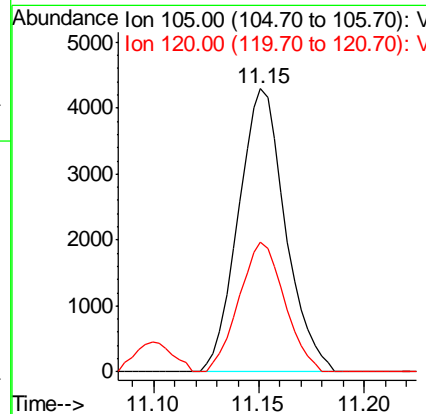
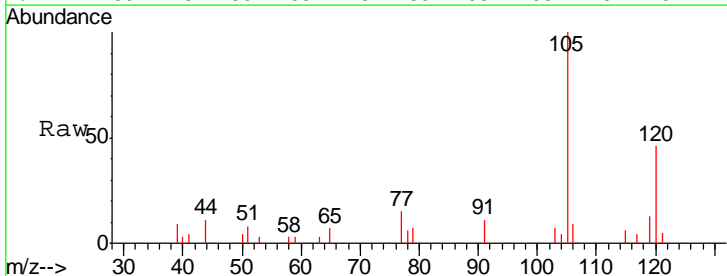
Instrument : MSVOA\_U  
 ClientSampleId : LOD-MDL-WATER-01-QT4-2018

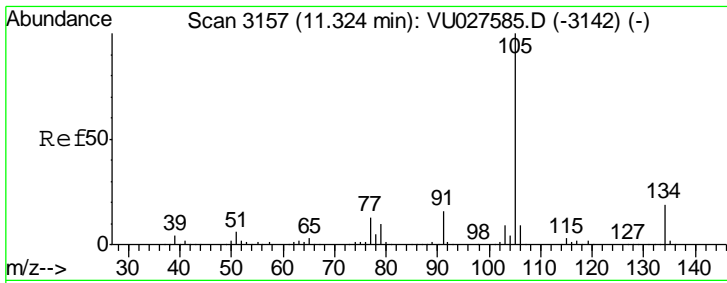
Tgt Ion	Resp	Lower	Upper
119	7353		
91	58.7	30.3	91.0
134	22.0	11.5	34.4



#84  
 1,2,4-Trimethylbenzene  
 Concen: 1.76 ug/l  
 RT: 11.15 min Scan# 3103  
 Delta R.T. 0.00 min  
 Lab File: VU027594.D  
 Acq: 11 Oct 2018 13:24

Tgt Ion	Resp	Lower	Upper
105	6655		
120	44.3	22.1	66.5

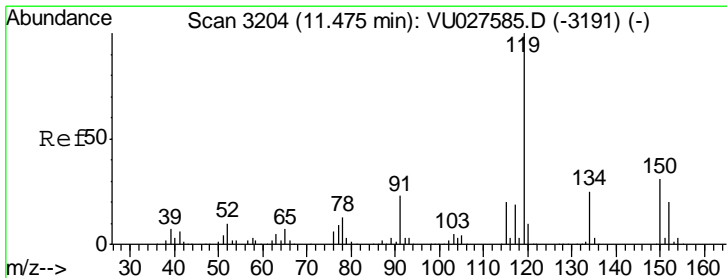
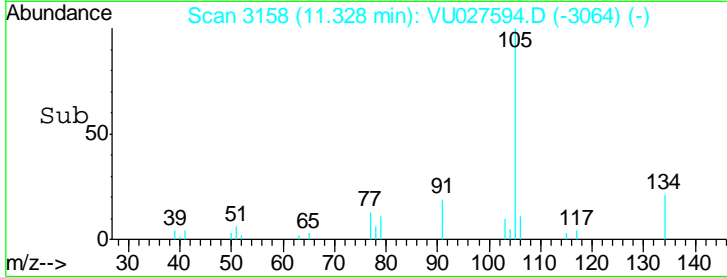
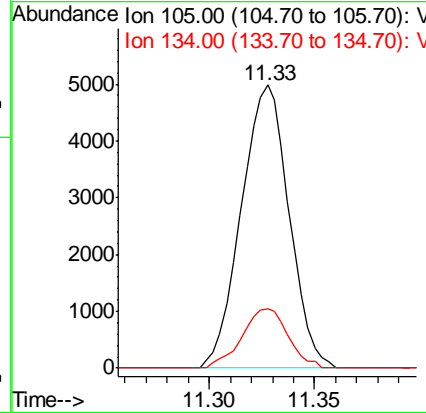
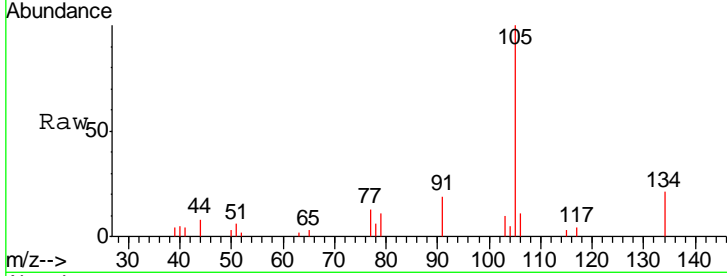




#85  
 sec-Butylbenzene  
 Concen: 2.05 ug/l  
 RT: 11.33 min Scan# 3158  
 Delta R.T. 0.00 min  
 Lab File: VU027594.D  
 Acq: 11 Oct 2018 13:24

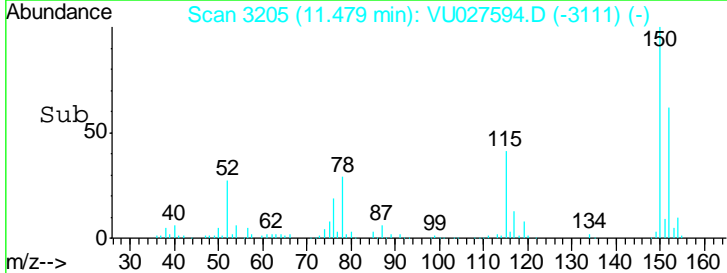
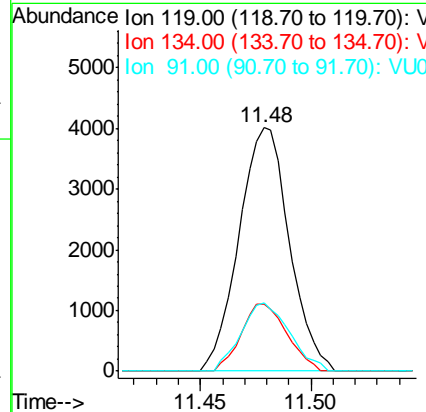
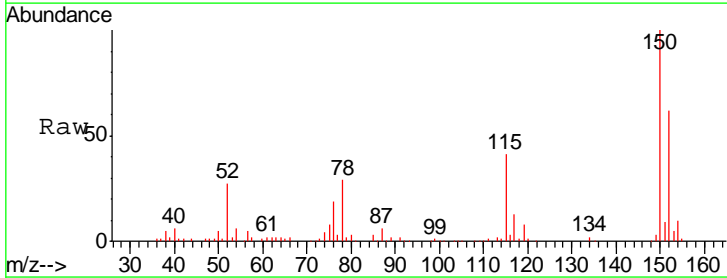
Instrument :  
 MSVOA\_U  
 ClientSampled :  
 LOD-MDL-WATER-01-QT4-2018

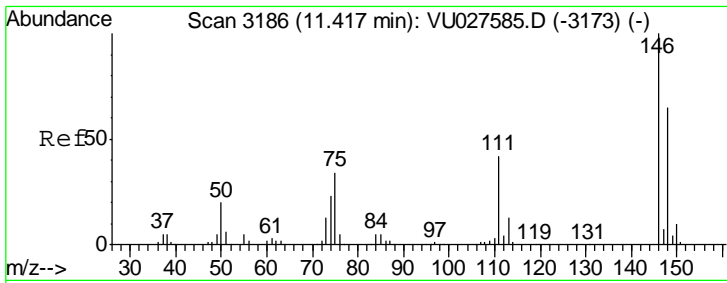
Tgt Ion: 105 Resp: 7830  
 Ion Ratio Lower Upper  
 105 100  
 134 20.2 9.6 28.6



#86  
 p-Isopropyltoluene  
 Concen: 2.11 ug/l  
 RT: 11.48 min Scan# 3205  
 Delta R.T. 0.00 min  
 Lab File: VU027594.D  
 Acq: 11 Oct 2018 13:24

Tgt Ion: 119 Resp: 6339  
 Ion Ratio Lower Upper  
 119 100  
 134 25.2 12.7 38.1  
 91 27.1 12.2 36.4

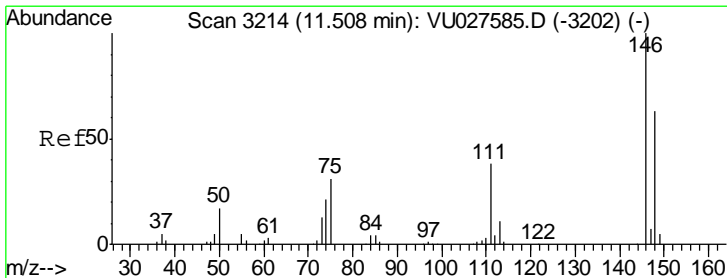
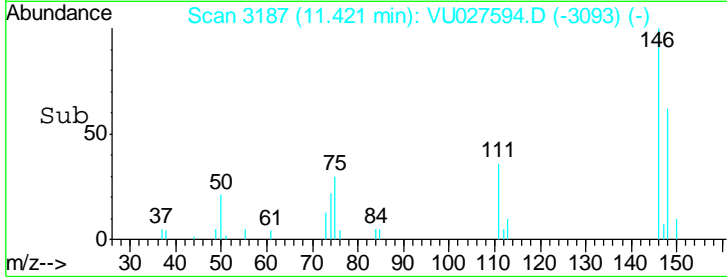
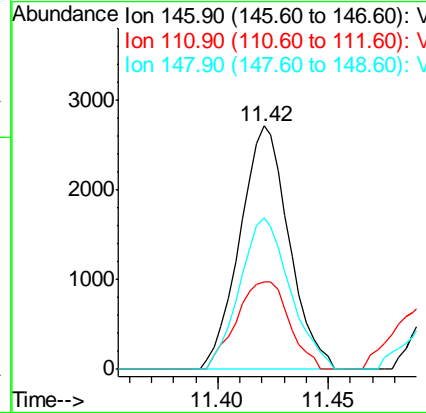
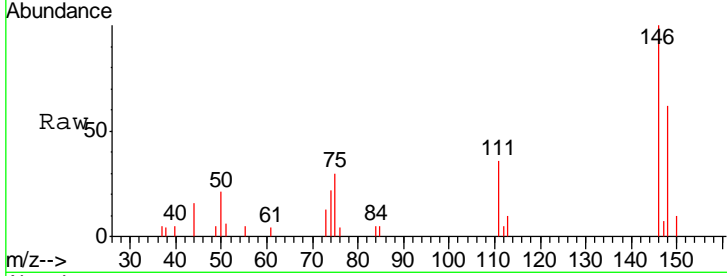




#87  
 1,3-Dichlorobenzene  
 Concen: 2.24 ug/l  
 RT: 11.42 min Scan# 3187  
 Delta R.T. 0.00 min  
 Lab File: VU027594.D  
 Acq: 11 Oct 2018 13:24

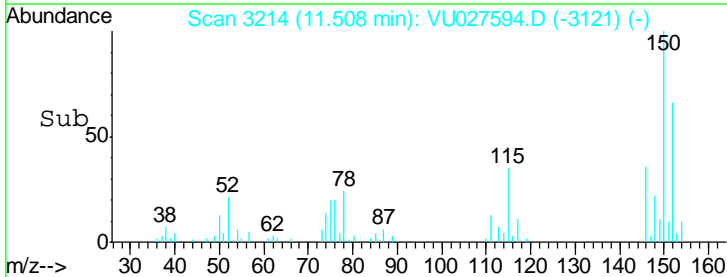
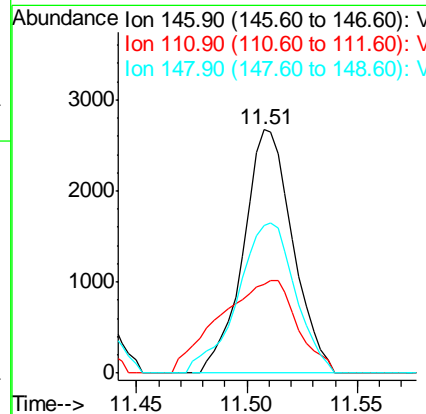
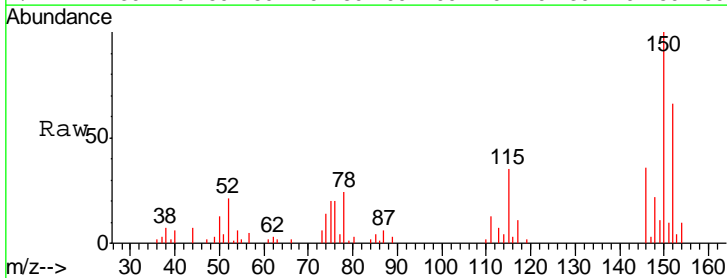
Instrument :  
 MSVOA\_U  
 ClientSampled :  
 LOD-MDL-WATER-01-QT4-2018

Tgt Ion	Resp	Lower	Upper
146	100		
111	38.7	20.8	62.5
148	63.7	31.6	94.8

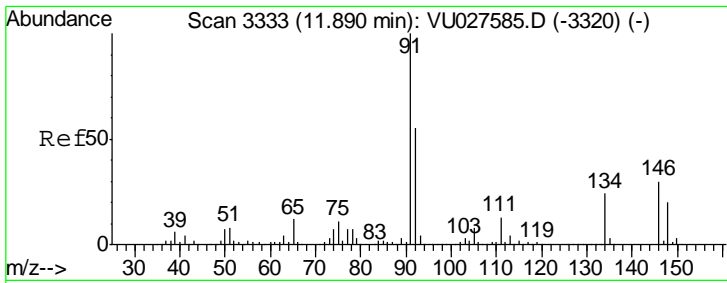


#88  
 1,4-Dichlorobenzene  
 Concen: 2.10 ug/l  
 RT: 11.51 min Scan# 3214  
 Delta R.T. 0.00 min  
 Lab File: VU027594.D  
 Acq: 11 Oct 2018 13:24

Tgt Ion	Resp	Lower	Upper
146	100		
111	59.5	20.4	61.2
148	71.8	31.9	95.5



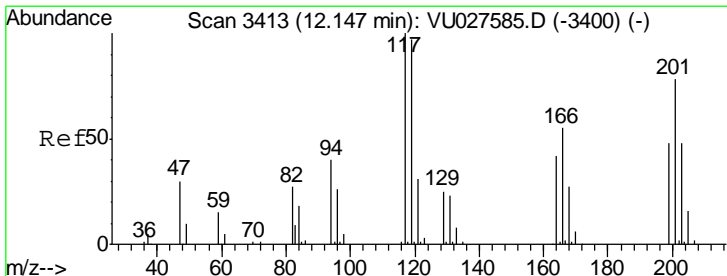
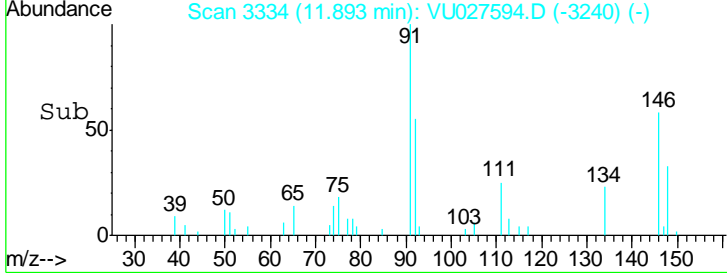
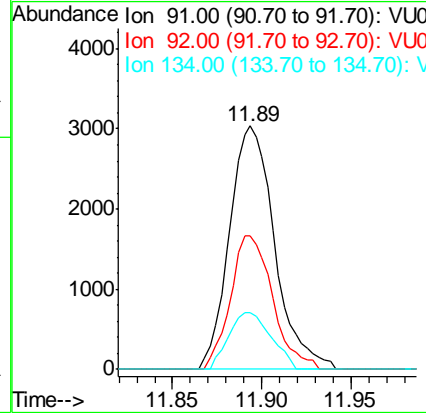
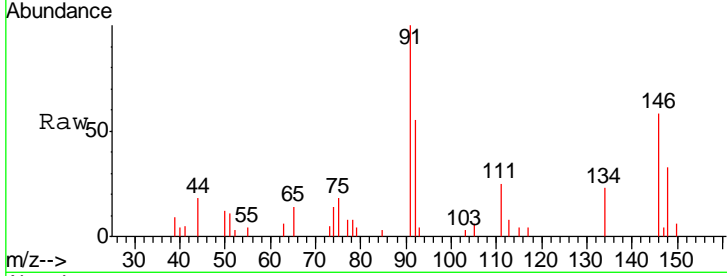




#89  
 n-Butylbenzene  
 Concen: 2.97 ug/l  
 RT: 11.89 min Scan# 3334  
 Delta R.T. 0.00 min  
 Lab File: VU027594.D  
 Acq: 11 Oct 2018 13:24

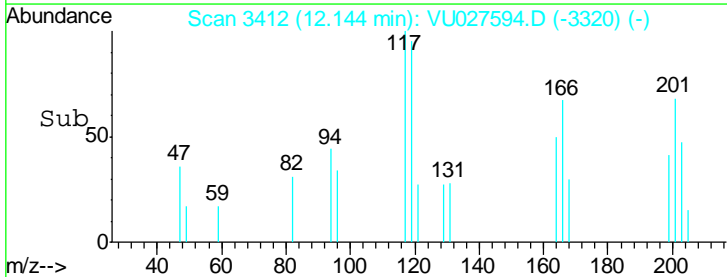
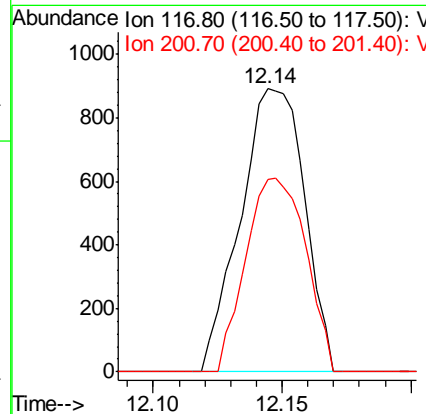
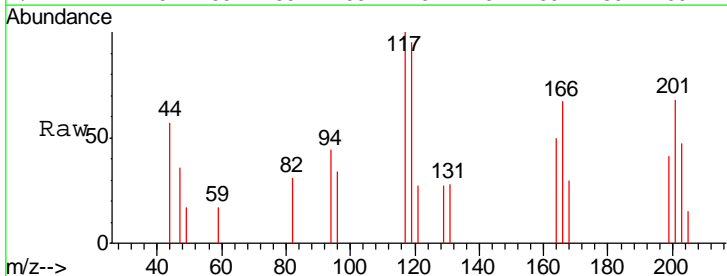
Instrument : MSVOA\_U  
 ClientSampled : LOD-MDL-WATER-01-QT4-2018

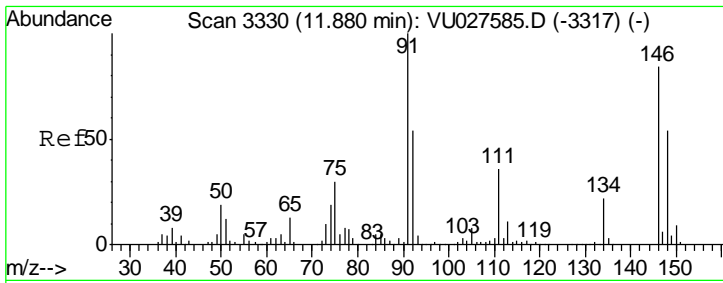
Tgt Ion	Resp	Lower	Upper
91	100		
92	51.4	27.0	81.0
134	21.8	11.7	35.1



#90  
 Hexachloroethane  
 Concen: 2.27 ug/l  
 RT: 12.14 min Scan# 3412  
 Delta R.T. -0.00 min  
 Lab File: VU027594.D  
 Acq: 11 Oct 2018 13:24

Tgt Ion	Resp	Lower	Upper
117	100		
201	64.2	37.9	113.6



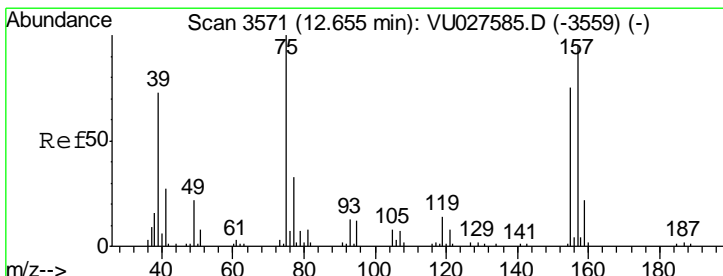
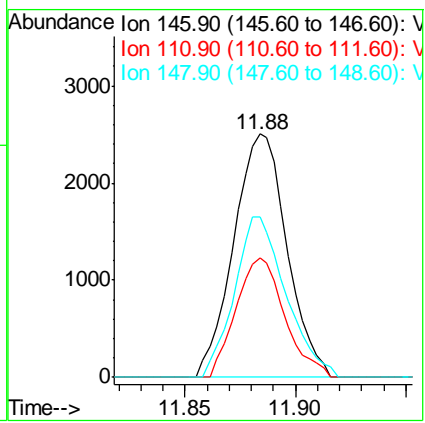
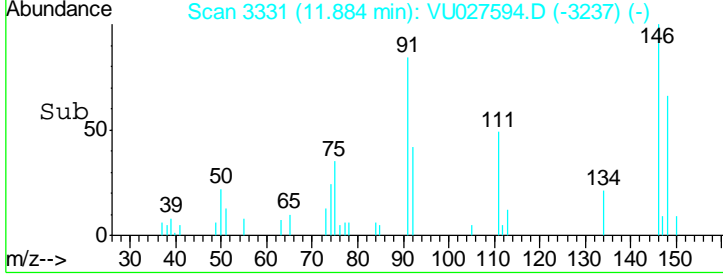
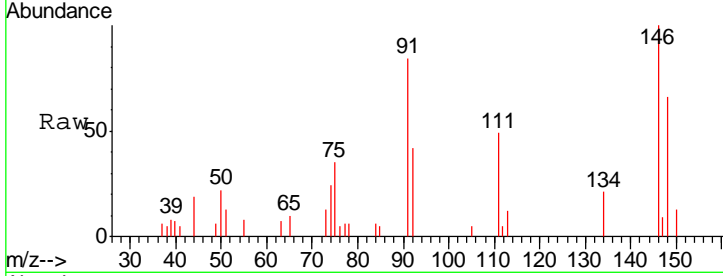


#91  
 1,2-Dichlorobenzene  
 Concen: 2.22 ug/l  
 RT: 11.88 min Scan# 3331  
 Delta R.T. 0.00 min  
 Lab File: VU027594.D  
 Acq: 11 Oct 2018 13:24

**Instrument :**  
 MSVOA\_U  
**ClientSampled :**  
 LOD-MDL-WATER-01-QT4-2018

Tgt Ion: 146 Resp: 4191

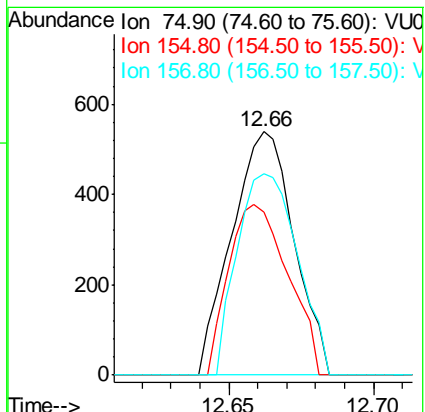
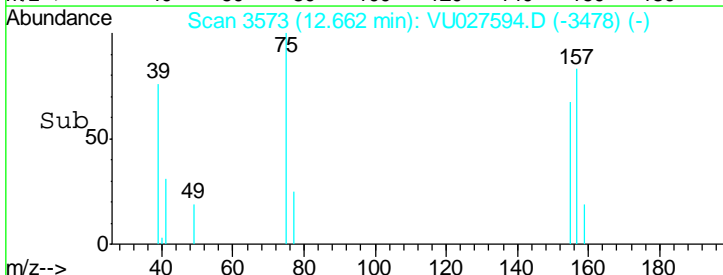
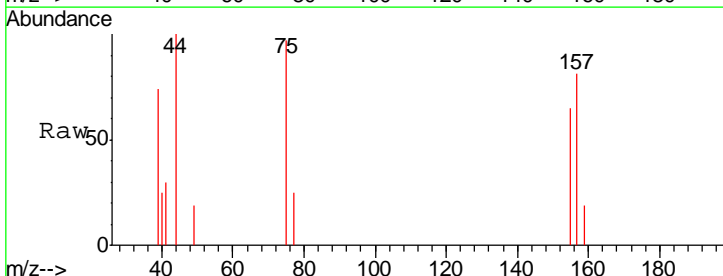
Ion	Ratio	Lower	Upper
146	100		
111	44.9	21.8	65.4
148	63.8	31.9	95.5

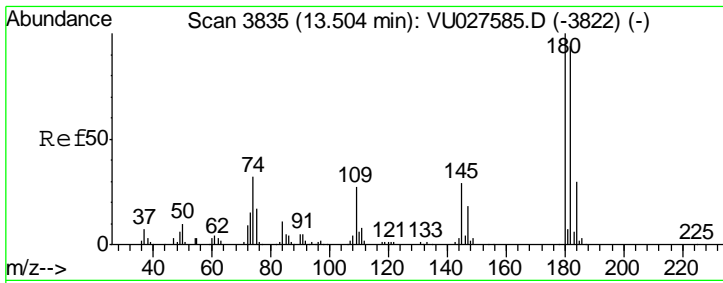


#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 2.08 ug/l  
 RT: 12.66 min Scan# 3573  
 Delta R.T. 0.01 min  
 Lab File: VU027594.D  
 Acq: 11 Oct 2018 13:24

Tgt Ion: 75 Resp: 804

Ion	Ratio	Lower	Upper
75	100		
155	66.9	35.9	107.8
157	80.2	46.9	140.6

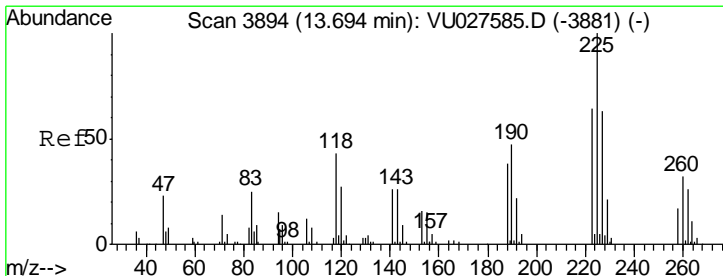
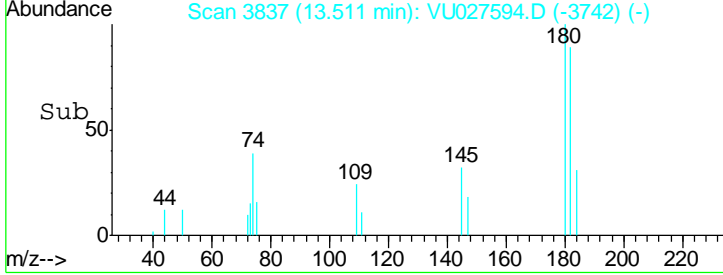
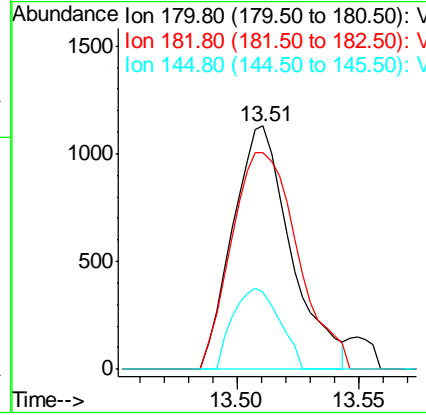
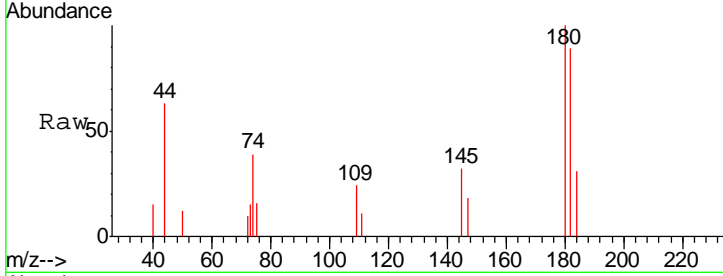




#93  
 1,2,4-Trichlorobenzene  
 Concen: 3.03 ug/l  
 RT: 13.51 min Scan# 3837  
 Delta R.T. 0.01 min  
 Lab File: VU027594.D  
 Acq: 11 Oct 2018 13:24

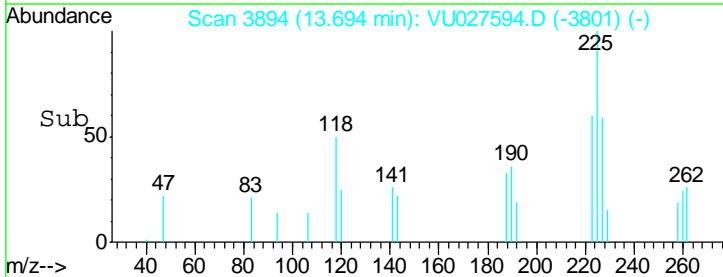
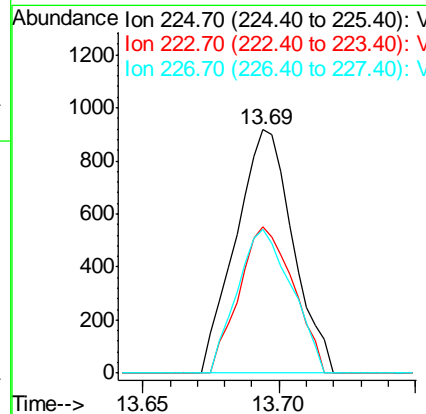
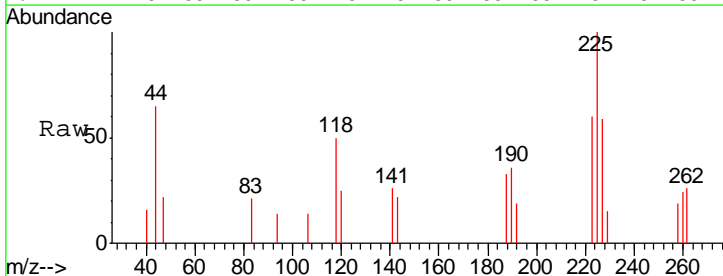
Instrument : MSVOA\_U  
 ClientSampled : LOD-MDL-WATER-01-QT4-2018

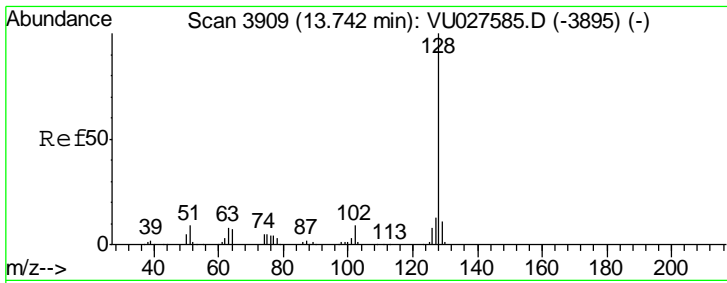
Tgt Ion	Resp	Lower	Upper
180	1875		
182	101.3	47.4	142.3
145	26.6	14.6	44.0



#94  
 Hexachlorobutadiene  
 Concen: 2.20 ug/l  
 RT: 13.69 min Scan# 3894  
 Delta R.T. 0.00 min  
 Lab File: VU027594.D  
 Acq: 11 Oct 2018 13:24

Tgt Ion	Resp	Lower	Upper
225	1329		
223	57.1	31.8	95.3
227	56.4	31.9	95.7

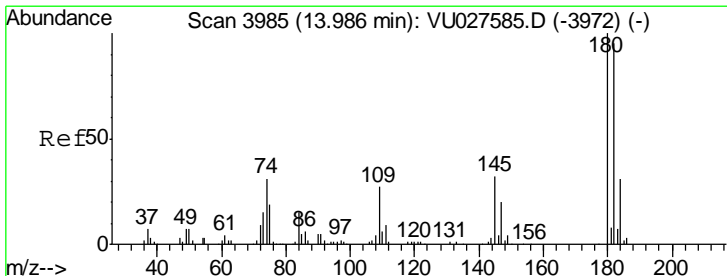
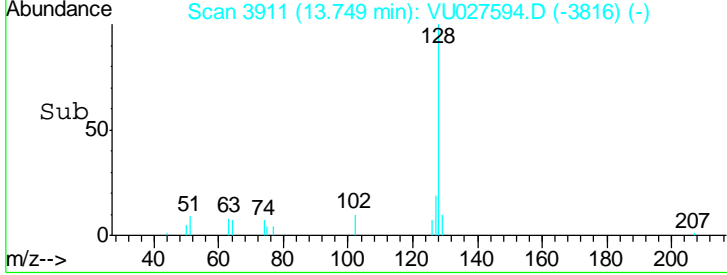
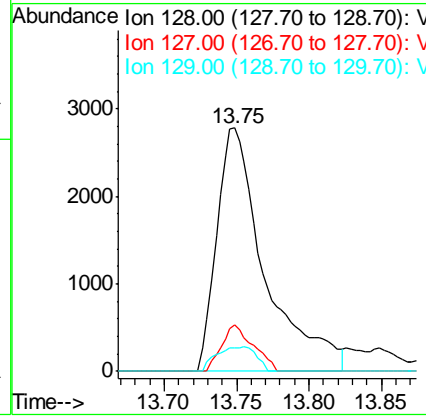
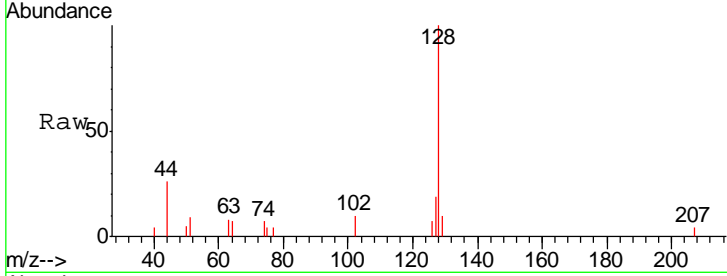




#95  
 Naphthalene  
 Concen: 2.65 ug/l  
 RT: 13.75 min Scan# 3911  
 Delta R.T. 0.01 min  
 Lab File: VU027594.D  
 Acq: 11 Oct 2018 13:24

Instrument : MSVOA\_U  
 ClientSampled : LOD-MDL-WATER-01-QT4-2018

Tgt Ion	Resp	Lower	Upper
128	6410		
127	12.5	10.5	15.7
129	8.4	8.6	12.8#



#96  
 1,2,3-Trichlorobenzene  
 Concen: 1.86 ug/l  
 RT: 14.00 min Scan# 3988  
 Delta R.T. 0.01 min  
 Lab File: VU027594.D  
 Acq: 11 Oct 2018 13:24

Tgt Ion	Resp	Lower	Upper
180	2309		
182	98.9	47.4	142.2
145	32.4	15.9	47.7

