

Data File : VU031514.D
Acq On : 26 Apr 2019 00:17
Operator : JC/SP
Sample : K2241-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019

Quant Time: Apr 26 04:54:16 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U042619DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Apr 26 04:42:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	5.74	96	63595	1.00	ug/l	0.00

System Monitoring Compounds

57) 4-Bromofluorobenzene	10.31	95	17849	0.80	ug/l	0.00
Spiked Amount	1.000		Recovery	=	80.00%	
68) 1,2-Dichlorobenzene-d4	11.86	152	18643	0.90	ug/l	0.00
Spiked Amount	1.000		Recovery	=	90.00%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	8465	0.295 ug/l	91
3) Chloromethane	1.32	50	10446	0.305 ug/l	93
4) Vinyl Chloride	1.40	62	8697	0.267 ug/l #	67
5) Bromomethane	1.63	94	5644	0.357 ug/l	86
6) Chloroethane	1.70	64	5311	0.294 ug/l #	74
7) Trichlorofluoromethane	1.88	101	9792	0.264 ug/l	97
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	5395	0.295 ug/l	91
9) 1,1-Dichloroethene	2.28	96	4826	0.265 ug/l	90
11) Allyl Chloride	2.59	41	10886	0.273 ug/l	94
12) Acrylonitrile	2.94	53	3563	0.646 ug/l #	79
13) Acetone	2.33	43	9915	1.972 ug/l	100
14) Carbon Disulfide	2.48	76	20220	0.289 ug/l #	94
15) Methylene Chloride	2.70	84	9064	0.393 ug/l	90
16) trans-1,2-Dichloroethene	2.98	96	6132	0.301 ug/l	93
17) 1,1-Dichloroethane	3.44	63	12352	0.291 ug/l #	92
18) 2-Butanone	4.30	43	5588	0.851 ug/l	86
19) Cyclohexane	4.99	56	6912	0.211 ug/l #	90
20) Methylcyclohexane	6.41	83	6165	0.235 ug/l	99
21) 2,2-Dichloropropane	4.22	77	7531	0.243 ug/l #	85
22) cis-1,2-Dichloroethene	4.22	96	5319	0.244 ug/l	64
23) Diethyl Ether	2.10	59	4373	0.251 ug/l #	76
24) tert-Butyl Alcohol	2.84	59	5503	3.041 ug/l	99
25) Methyl tert-Butyl Ether	3.00	73	14725	0.278 ug/l #	79
26) Bromochloromethane	4.55	128	2663	0.289 ug/l	93
27) Chloroform	4.67	83	11785	0.299 ug/l	93
28) 1,1,1-Trichloroethane	4.91	97	8681	0.262 ug/l	98
29) 1,1-Dichloropropene	5.13	75	6663	0.248 ug/l	99
31) Isopropyl Ether	3.57	45	16803	0.264 ug/l	91
32) Ethyl-t-butyl ether	4.07	59	12990	0.252 ug/l #	80
33) Tert-Amyl methyl ether	5.58	73	10296	0.251 ug/l #	91
34) Propionitrile	4.37	54	1757	0.997 ug/l #	56
35) Benzene	5.39	78	20824	0.254 ug/l #	88
37) Trichloroethene	6.18	130	6034	0.300 ug/l	99
38) 1,2-Dichloropropane	6.44	63	5748	0.248 ug/l	99
40) Methyl acrylate	4.39	55	45	0.358 ug/l #	71
41) Tetrahydrofuran	4.67	42	2616	0.646 ug/l #	61
42) 1-Chlorobutane	5.06	56	9610	0.236 ug/l	92
43) Dibromomethane	6.56	93	3160	0.277 ug/l	89
44) Bromodichloromethane	6.76	83	7295	0.257 ug/l #	88
45) 4-Methyl-2-Pentanone	7.47	43	15119	1.108 ug/l	97
46) t-1,4-Dichloro-2-butene	10.49	75	4746	1.133 ug/l #	17

Data File : VU031514.D
Acq On : 26 Apr 2019 00:17
Operator : JC/SP
Sample : K2241-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019

Quant Time: Apr 26 04:54:16 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U042619DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Apr 26 04:42:12 2019
Response via : Initial Calibration

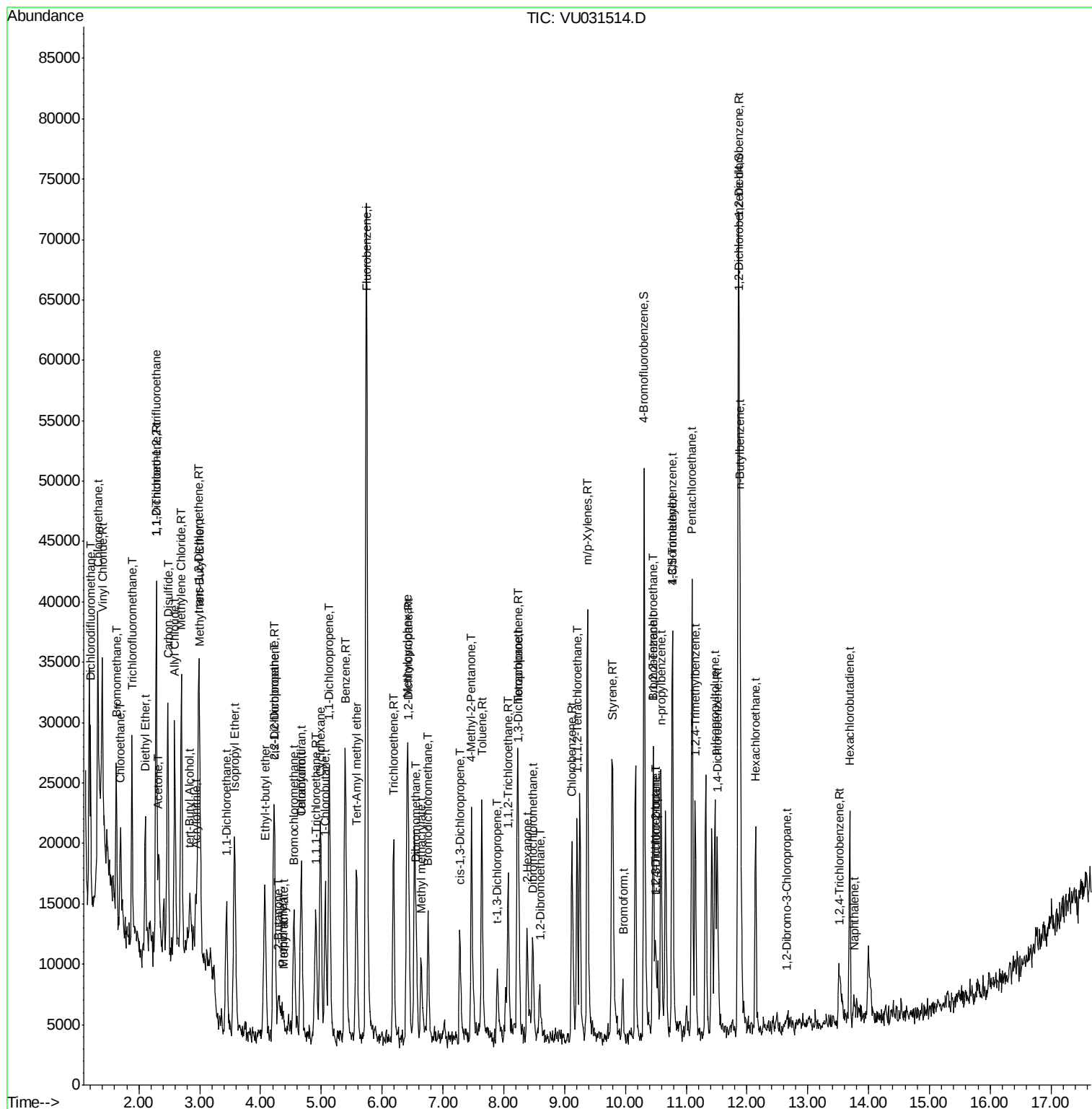
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) Methyl methacrylate	6.65	69	2702	0.307	ug/l	72
49) Toluene	7.65	92	9450	0.221	ug/l	99
50) t-1,3-Dichloropropene	7.89	75	4576	0.205	ug/l	96
51) cis-1,3-Dichloropropene	7.27	75	6144	0.226	ug/l #	92
52) 1,1,2-Trichloroethane	8.07	97	3844	0.258	ug/l	92
53) 1,3-Dichloropropane	8.25	76	5729	0.219	ug/l	94
54) 2-Hexanone	8.38	43	6699	0.728	ug/l	83
55) Dibromochloromethane	8.48	129	4341	0.259	ug/l	97
56) 1,2-Dibromoethane	8.59	107	3089	0.232	ug/l	94
58) Tetrachloroethene	8.22	164	5096	0.263	ug/l	92
59) Chlorobenzene	9.12	112	10376	0.232	ug/l	98
60) 1,1,1,2-Tetrachloroethane	9.21	131	4688	0.268	ug/l	92
61) Pentachloroethane	11.10	117	2913	0.235	ug/l	95
62) Hexachloroethane	12.14	117	3033	0.249	ug/l	89
64) m/p-Xylenes	9.38	106	9329	0.340	ug/l	99
66) Styrene	9.80	104	7825	0.450	ug/l	94
67) Bromoform	9.96	173	2162	0.230	ug/l #	37
70) 1,1,2,2-Tetrachloroethane	10.46	83	5096	0.266	ug/l	92
71) 1,2,3-Trichloropropane	10.49	75	4746	0.340	ug/l #	81
72) Bromobenzene	10.46	156	3962	0.224	ug/l	96
73) n-propylbenzene	10.59	120	3799	0.210	ug/l	93
75) 1,3,5-Trimethylbenzene	10.77	105	10480	0.374	ug/l	99
76) 4-Chlorotoluene	10.77	126	2878	0.309	ug/l	96
78) 1,2,4-Trimethylbenzene	11.15	105	11123	0.384	ug/l	97
81) p-Isopropyltoluene	11.48	119	10341	0.417	ug/l	99
83) 1,4-Dichlorobenzene	11.51	146	6874	0.204	ug/l	91
84) n-Butylbenzene	11.89	91	10005	0.494	ug/l	97
85) 1,2-Dichlorobenzene	11.88	146	7766	0.233	ug/l	98
86) 1,2-Dibromo-3-Chloropropan	12.66	75	741	0.269	ug/l #	67
87) 1,2,4-Trichlorobenzene	13.52	180	1987	0.478	ug/l #	68
88) Hexachlorobutadiene	13.69	225	3239	0.265	ug/l	96
89) Naphthalene	13.76	128	1798	0.671	ug/l #	89

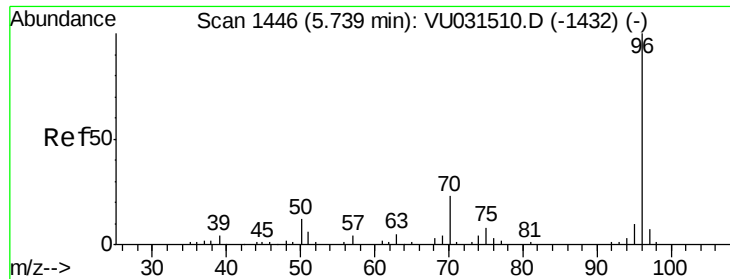
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU031514.D
Acq On : 26 Apr 2019 00:17
Operator : JC/SP
Sample : K2241-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019

Quant Time: Apr 26 04:54:16 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U042619DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Apr 26 04:42:12 2019
Response via : Initial Calibration





#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 5.74 min Scan# 1447

Delta R.T. 0.00 min

Lab File: VU031514.D

Acq: 26 Apr 2019 00:17

Instrument :

MSVOA_U

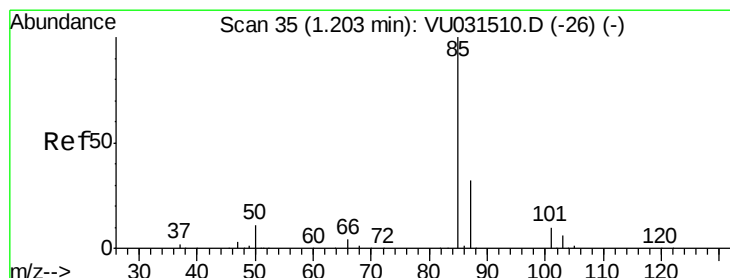
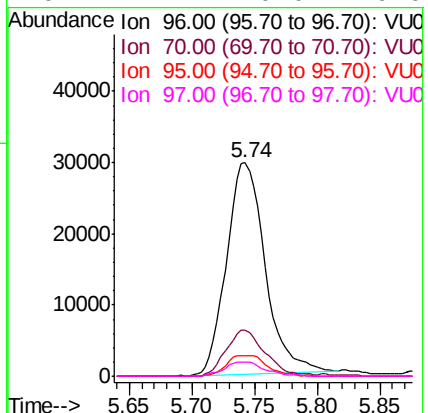
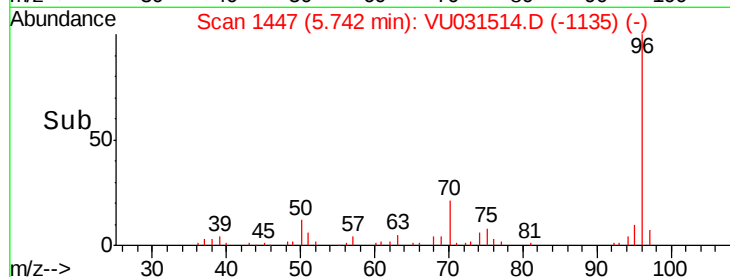
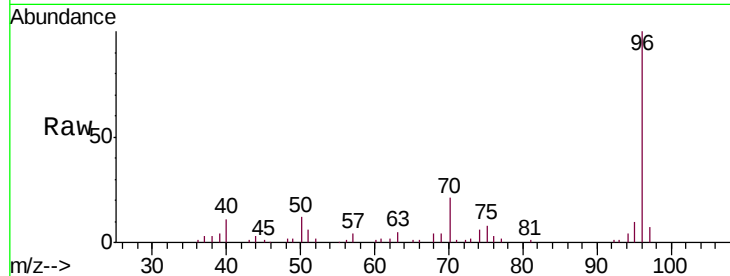
ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

Tgt Ion: 96 Resp: 63595

Ion Ratio Lower Upper

96	100		
70	20.7	18.2	27.2
95	10.3	7.7	11.5
97	7.1	0.0	0.0#



#2

Dichlorodifluoromethane

Concen: 0.295 ug/l

RT: 1.20 min Scan# 35

Delta R.T. -0.00 min

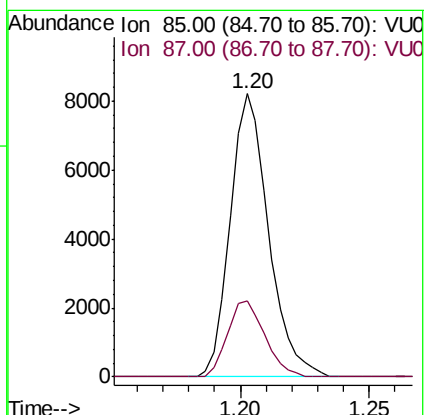
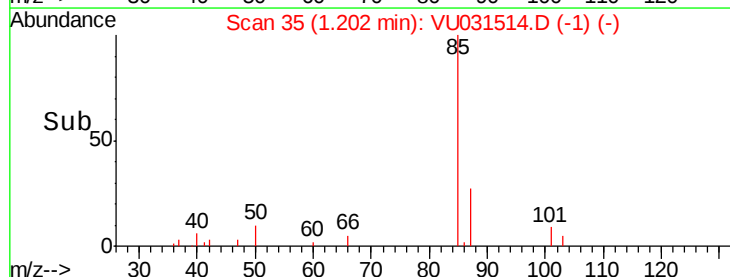
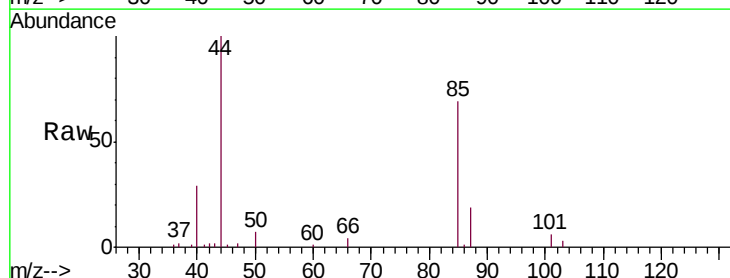
Lab File: VU031514.D

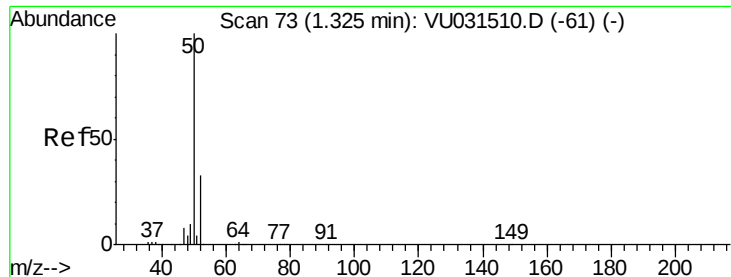
Acq: 26 Apr 2019 00:17

Tgt Ion: 85 Resp: 8465

Ion Ratio Lower Upper

85	100		
87	27.0	16.1	48.2





#3

Chloromethane

Concen: 0.305 ug/l

RT: 1.32 min Scan# 73

Delta R.T. -0.00 min

Lab File: VU031514.D

Acq: 26 Apr 2019 00:17

Instrument :

MSVOA_U

ClientSampleId :

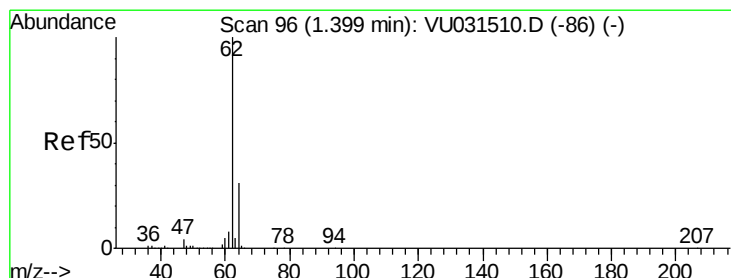
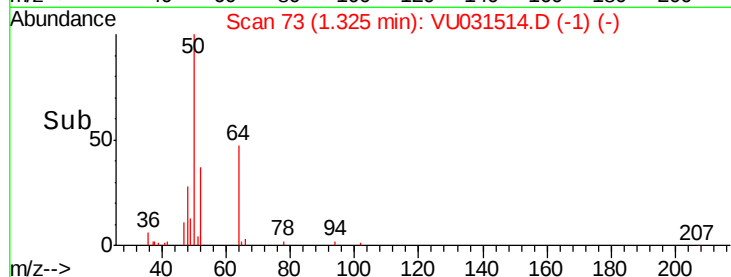
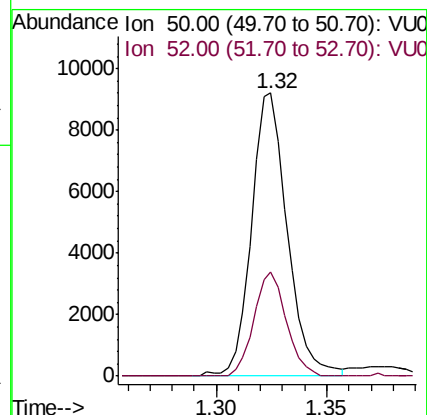
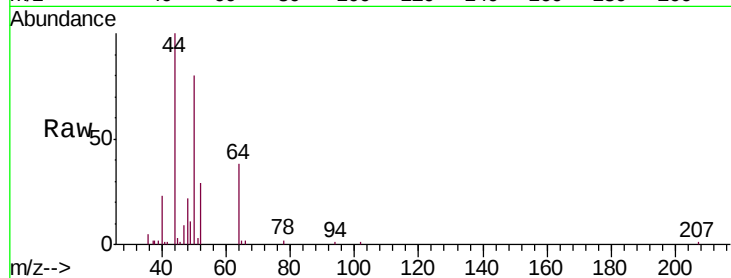
LOD-MDL-WATER-01-QT2-2019

Tgt Ion: 50 Resp: 10446

Ion Ratio Lower Upper

50 100

52 36.6 26.1 39.1



#4

Vinyl Chloride

Concen: 0.267 ug/l

RT: 1.40 min Scan# 96

Delta R.T. -0.00 min

Lab File: VU031514.D

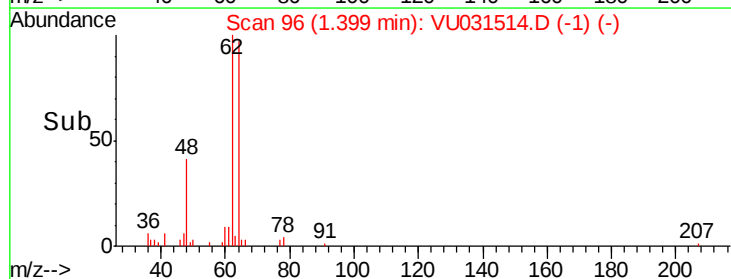
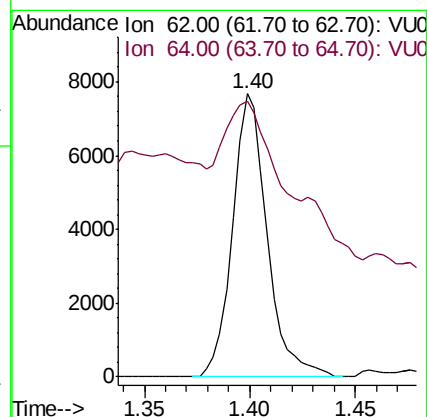
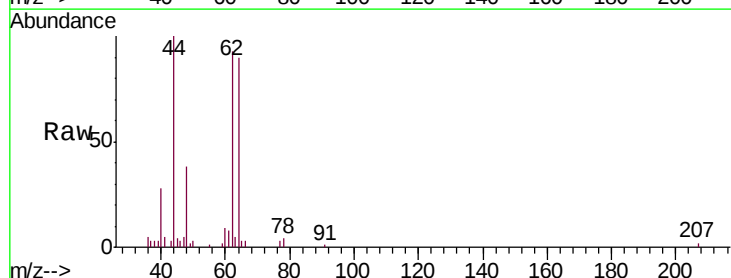
Acq: 26 Apr 2019 00:17

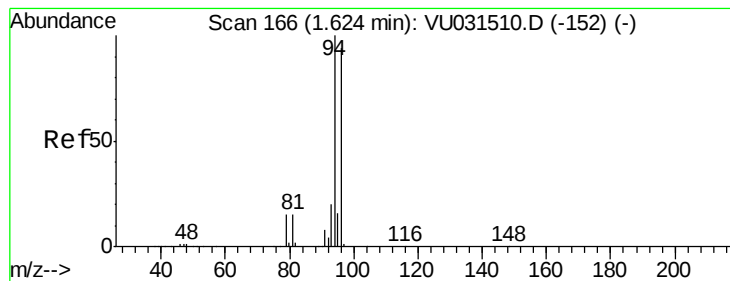
Tgt Ion: 62 Resp: 8697

Ion Ratio Lower Upper

62 100

64 50.0 25.5 38.3#





#5

Bromomethane

Concen: 0.357 ug/l

RT: 1.63 min Scan# 167

Delta R.T. 0.00 min

Lab File: VU031514.D

Acq: 26 Apr 2019 00:17

Instrument :

MSVOA_U

ClientSampleId :

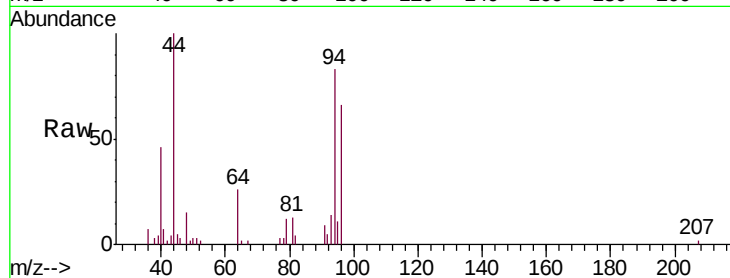
LOD-MDL-WATER-01-QT2-2019

Tgt Ion: 94 Resp: 5644

Ion Ratio Lower Upper

94 100

96 80.5 75.5 113.3

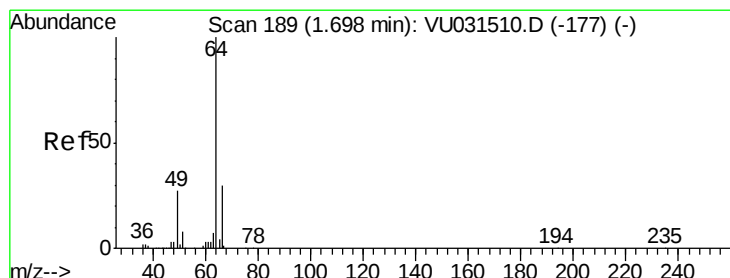
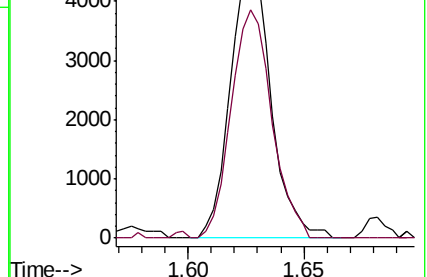
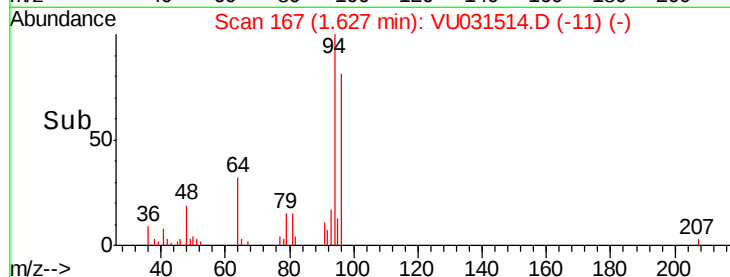


Abundance Ion 94.00 (93.70 to 94.70): VU031514.D (-167) (-)

Ion 96.00 (95.70 to 96.70): VU031514.D (-167) (-)

1.63

Time-->



#6

Chloroethane

Concen: 0.294 ug/l

RT: 1.70 min Scan# 189

Delta R.T. -0.00 min

Lab File: VU031514.D

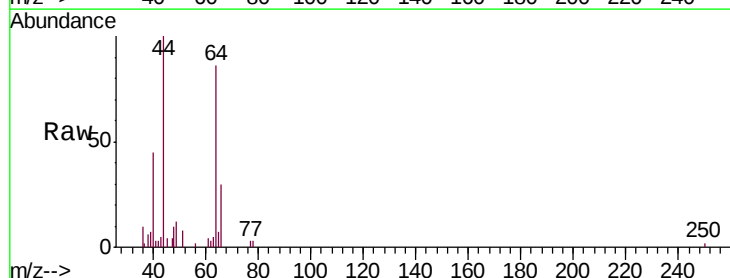
Acq: 26 Apr 2019 00:17

Tgt Ion: 64 Resp: 5311

Ion Ratio Lower Upper

64 100

66 44.6 24.3 36.5#

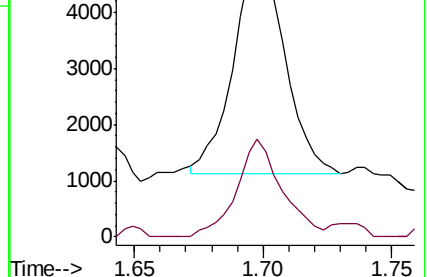
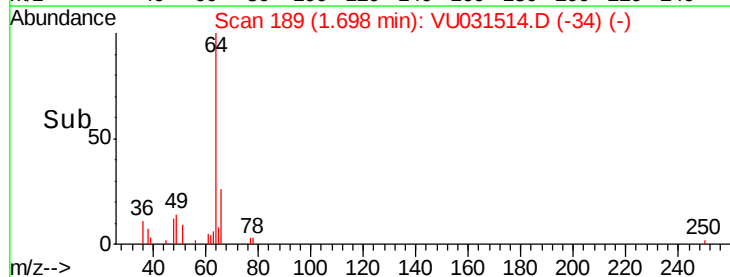


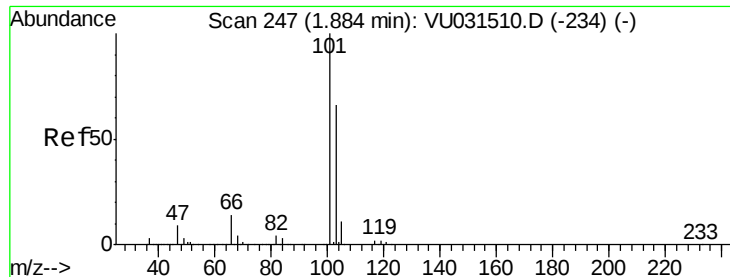
Abundance Ion 64.00 (63.70 to 64.70): VU031514.D (-189) (-)

Ion 66.00 (65.70 to 66.70): VU031514.D (-189) (-)

1.70

Time-->



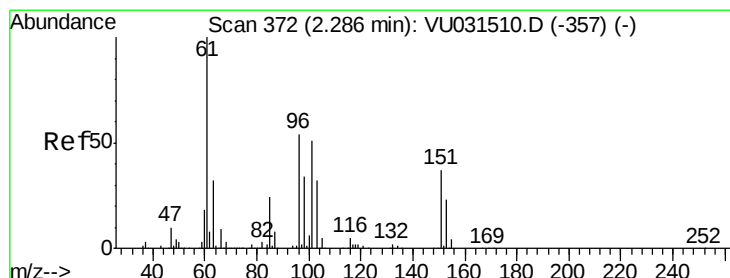
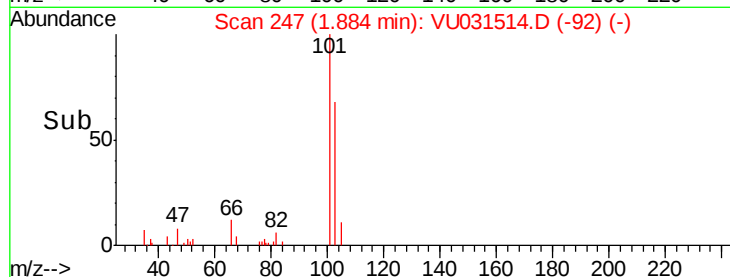
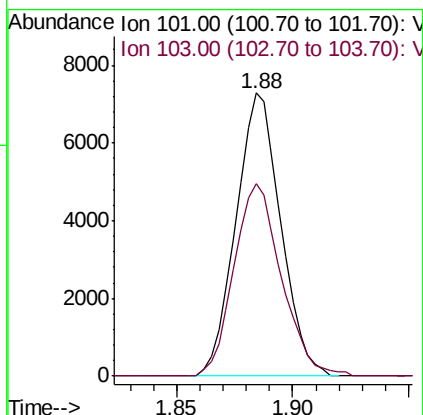
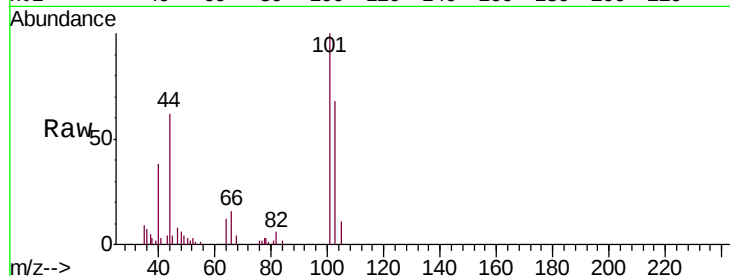


#7

Trichlorofluoromethane
 Concen: 0.264 ug/l
 RT: 1.88 min Scan# 247
 Delta R.T. -0.00 min
 Lab File: VU031514.D
 Acq: 26 Apr 2019 00:17

Instrument :
 MSVOA_U
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2019

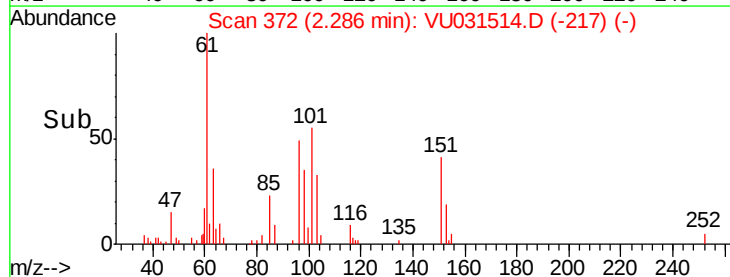
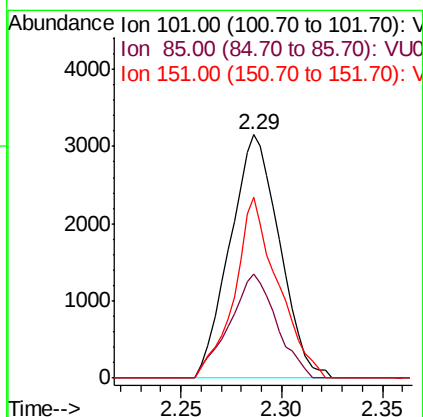
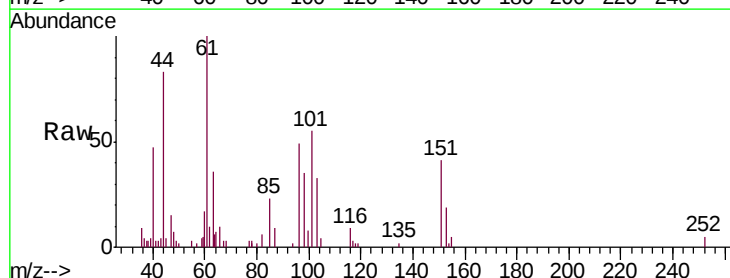
Tgt Ion:101 Resp: 9792
 Ion Ratio Lower Upper
 101 100
 103 68.2 52.8 79.2

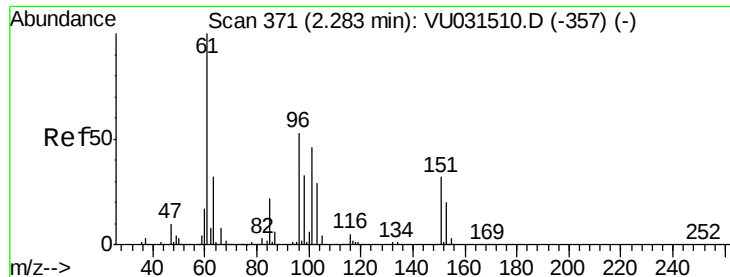


#8

1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.295 ug/l
 RT: 2.29 min Scan# 372
 Delta R.T. -0.00 min
 Lab File: VU031514.D
 Acq: 26 Apr 2019 00:17

Tgt Ion:101 Resp: 5395
 Ion Ratio Lower Upper
 101 100
 85 40.4 37.8 56.6
 151 65.2 57.4 86.0





#9

1,1-Dichloroethene

Concen: 0.265 ug/l

RT: 2.28 min Scan# 370

Delta R.T. -0.00 min

Lab File: VU031514.D

Acq: 26 Apr 2019 00:17

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

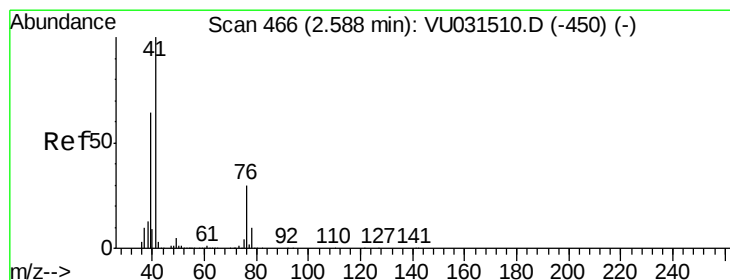
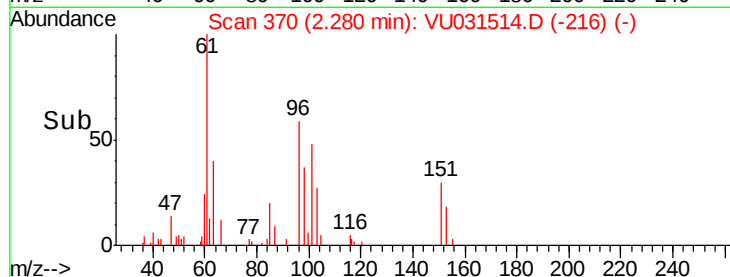
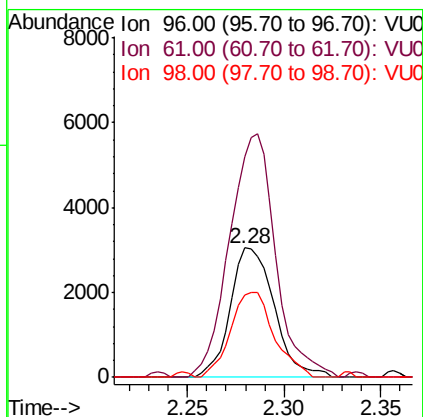
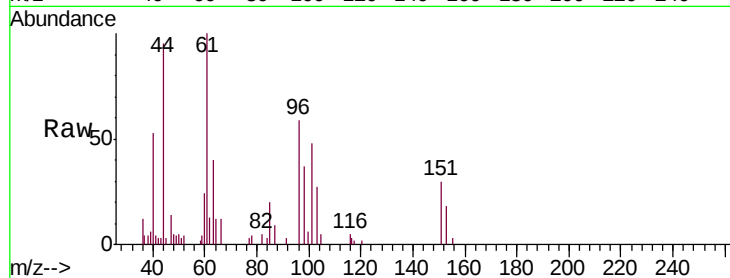
Tgt Ion: 96 Resp: 4826

Ion Ratio Lower Upper

96 100

61 170.1 0.0 566.7

98 63.3 0.0 126.4



#11

Allyl Chloride

Concen: 0.273 ug/l

RT: 2.59 min Scan# 467

Delta R.T. 0.00 min

Lab File: VU031514.D

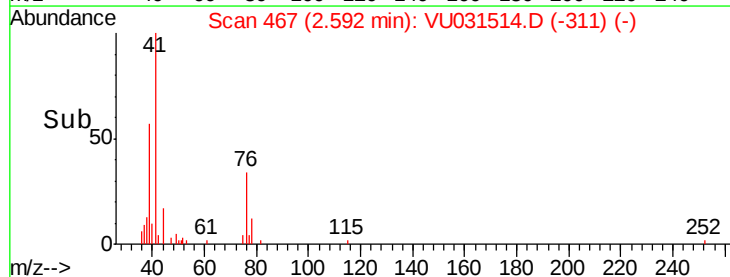
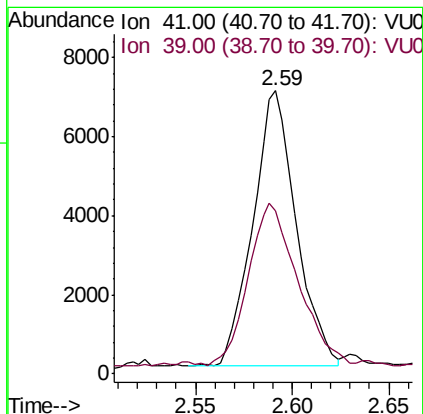
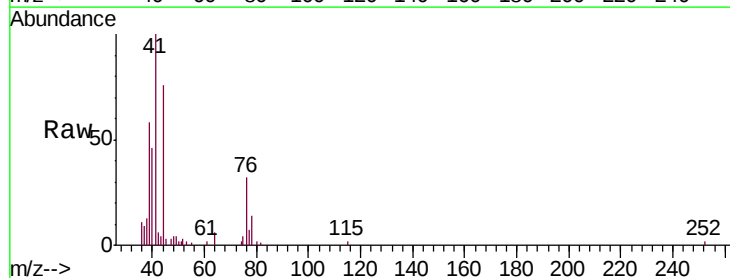
Acq: 26 Apr 2019 00:17

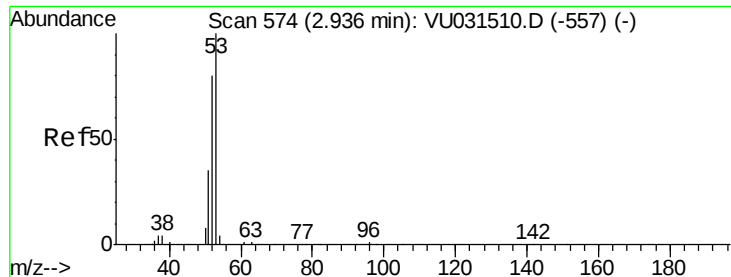
Tgt Ion: 41 Resp: 10886

Ion Ratio Lower Upper

41 100

39 68.5 51.4 77.0





#12

Acrylonitrile

Concen: 0.646 ug/l

RT: 2.94 min Scan# 574

Delta R.T. -0.00 min

Lab File: VU031514.D

Acq: 26 Apr 2019 00:17

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

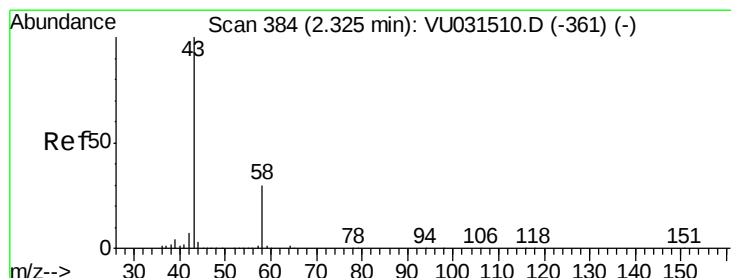
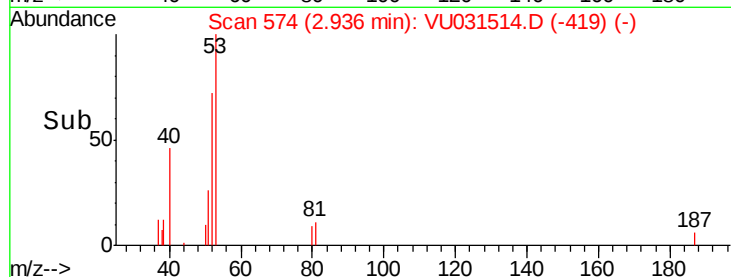
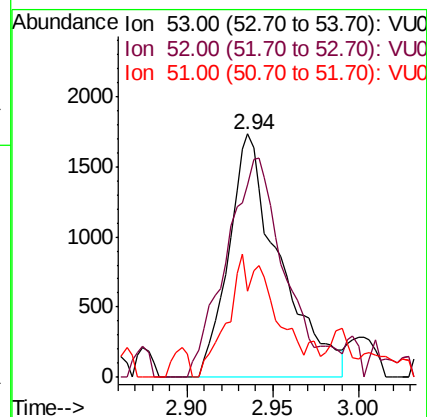
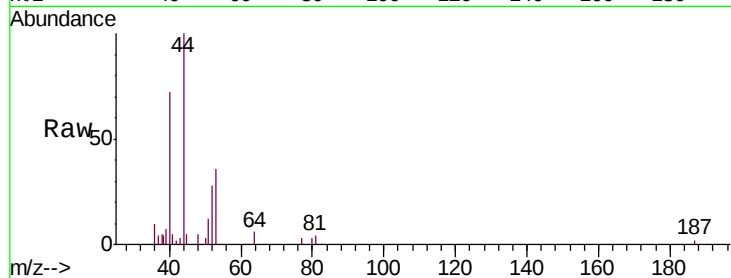
Tgt Ion: 53 Resp: 3563

Ion Ratio Lower Upper

53 100

52 105.4 69.4 104.0#

51 20.9 27.5 41.3#



#13

Acetone

Concen: 1.972 ug/l

RT: 2.33 min Scan# 385

Delta R.T. 0.00 min

Lab File: VU031514.D

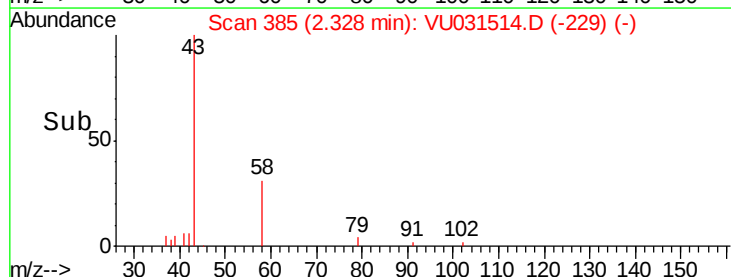
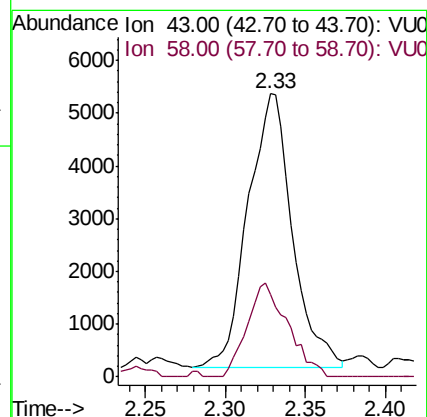
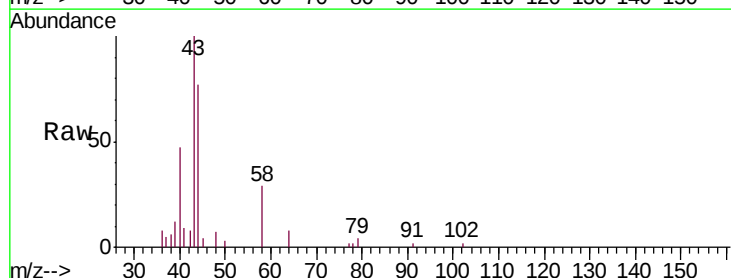
Acq: 26 Apr 2019 00:17

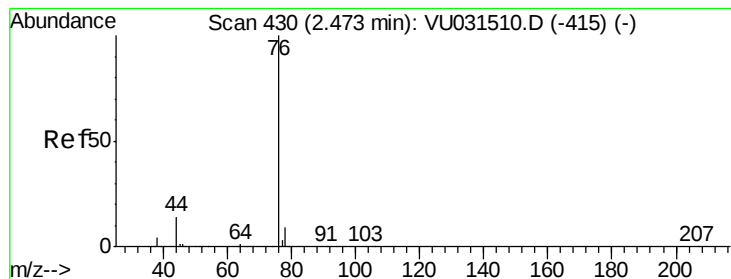
Tgt Ion: 43 Resp: 9915

Ion Ratio Lower Upper

43 100

58 30.3 24.1 36.1





#14

Carbon Disulfide

Concen: 0.289 ug/l

RT: 2.48 min Scan# 431

Delta R.T. 0.00 min

Lab File: VU031514.D

Acq: 26 Apr 2019 00:17

Instrument :

MSVOA_U

ClientSampleId :

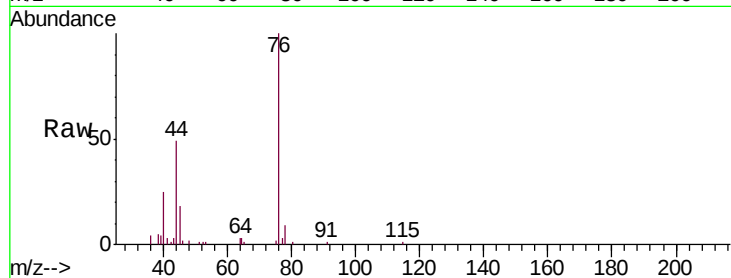
LOD-MDL-WATER-01-QT2-2019

Tgt Ion: 76 Resp: 20220

Ion Ratio Lower Upper

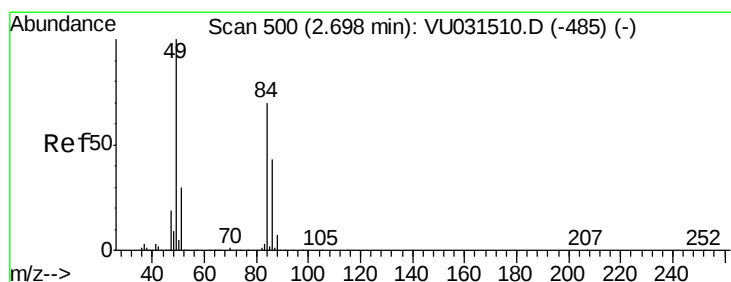
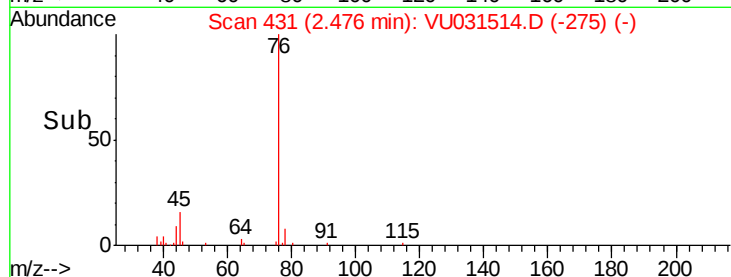
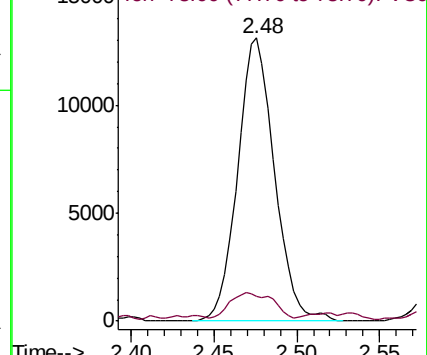
76 100

78 7.0 7.2 10.8#



Abundance Ion 76.00 (75.70 to 76.70): VU031514.D (-415) (-)

Ion 78.00 (77.70 to 78.70): VU031514.D (-415) (-)



#15

Methylene Chloride

Concen: 0.393 ug/l

RT: 2.70 min Scan# 500

Delta R.T. -0.00 min

Lab File: VU031514.D

Acq: 26 Apr 2019 00:17

Tgt Ion: 84 Resp: 9064

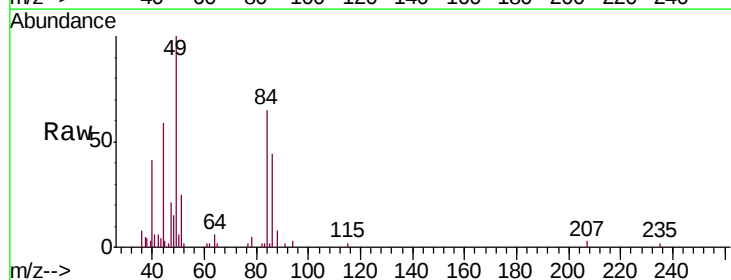
Ion Ratio Lower Upper

84 100

49 154.6 113.6 170.4

51 36.5 0.0 85.6

86 68.3 49.4 74.0

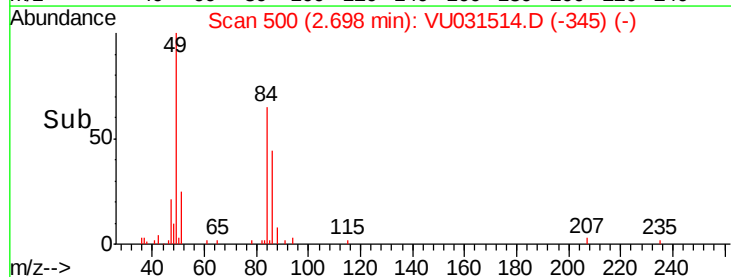
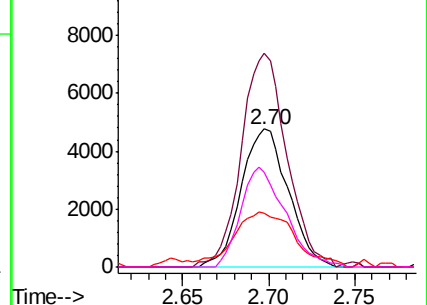


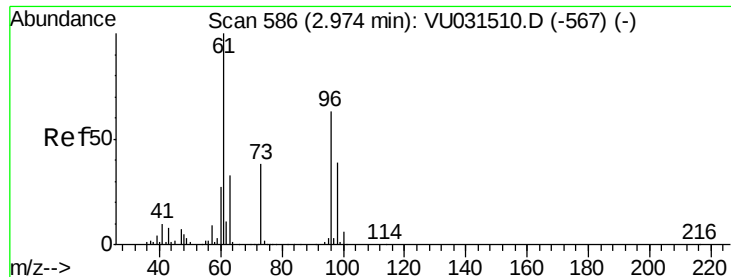
Abundance Ion 84.00 (83.70 to 84.70): VU031514.D (-485) (-)

Ion 49.00 (48.70 to 49.70): VU031514.D (-485) (-)

Ion 51.00 (50.70 to 51.70): VU031514.D (-485) (-)

Ion 86.00 (85.70 to 86.70): VU031514.D (-485) (-)

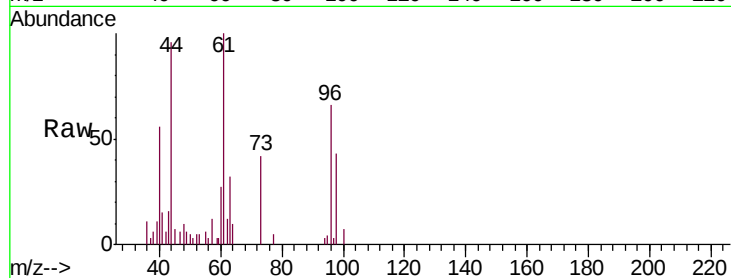




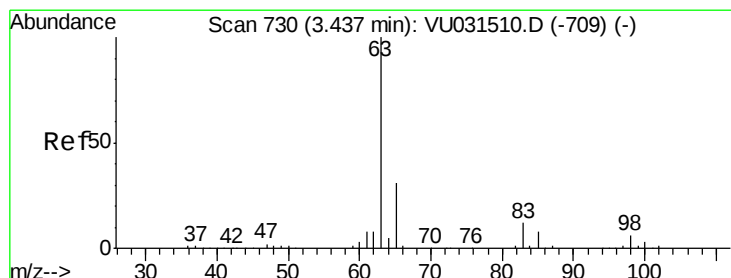
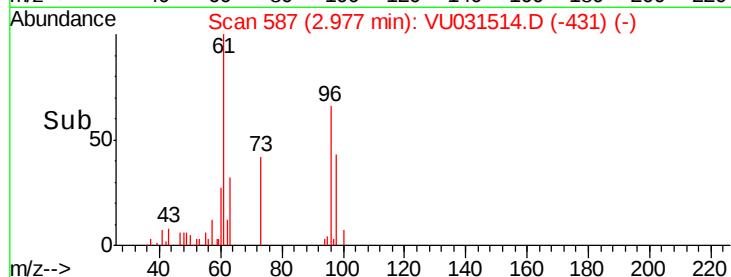
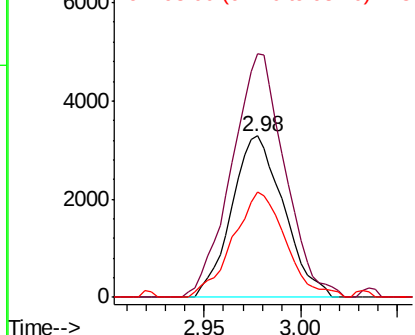
#16
trans-1,2-Dichloroethene
Concen: 0.301 ug/l
RT: 2.98 min Scan# 587
Delta R.T. 0.00 min
Lab File: VU031514.D
Acq: 26 Apr 2019 00:17

Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019

Tgt Ion: 96 Resp: 6132
Ion Ratio Lower Upper
96 100
61 147.9 127.2 190.8
98 65.3 49.4 74.0

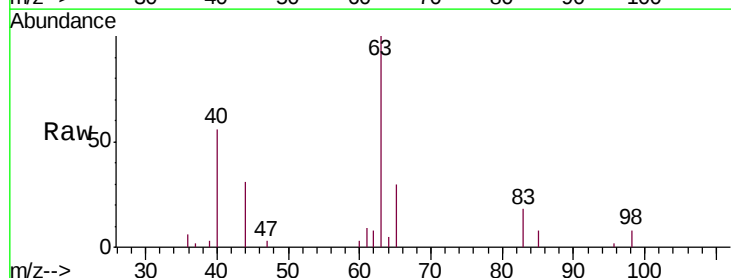


Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.00 (60.70 to 61.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

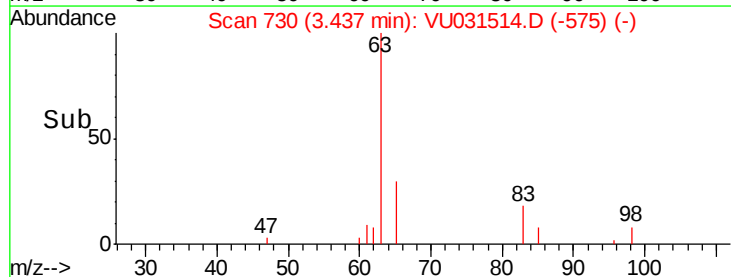
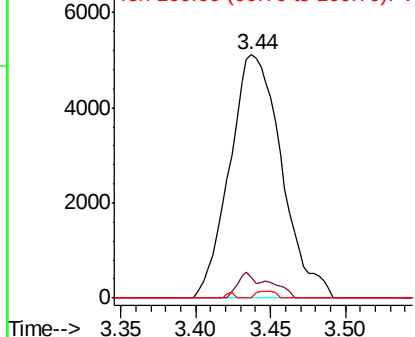


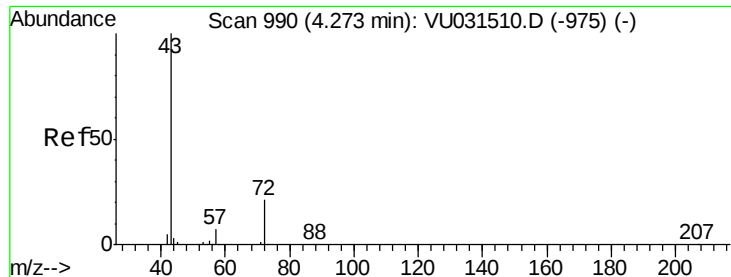
#17
1,1-Dichloroethane
Concen: 0.291 ug/l
RT: 3.44 min Scan# 730
Delta R.T. -0.00 min
Lab File: VU031514.D
Acq: 26 Apr 2019 00:17

Tgt Ion: 63 Resp: 12352
Ion Ratio Lower Upper
63 100
98 8.4 3.0 9.2
100 0.0 1.7 5.1#



Abundance Ion 63.00 (62.70 to 63.70): VU0
Ion 98.00 (97.70 to 98.70): VU0
Ion 100.00 (99.70 to 100.70): VU0

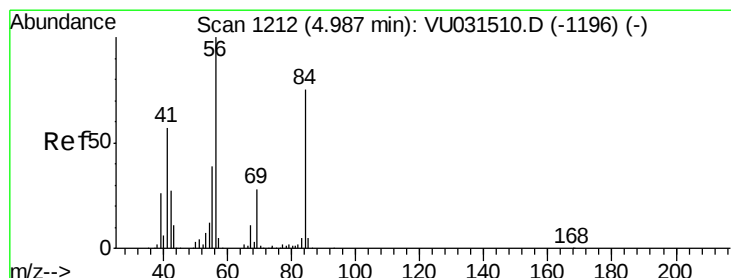
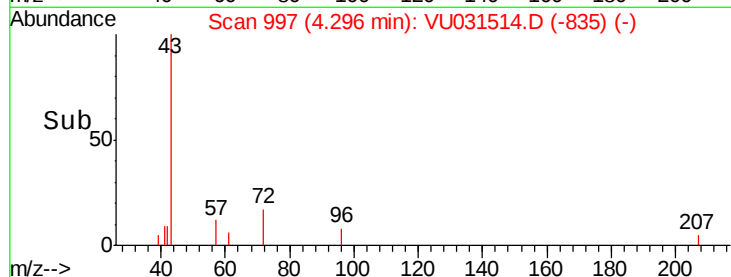
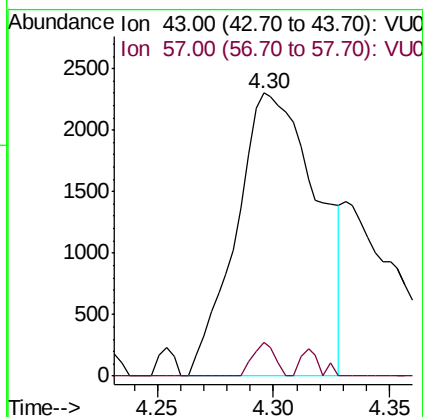
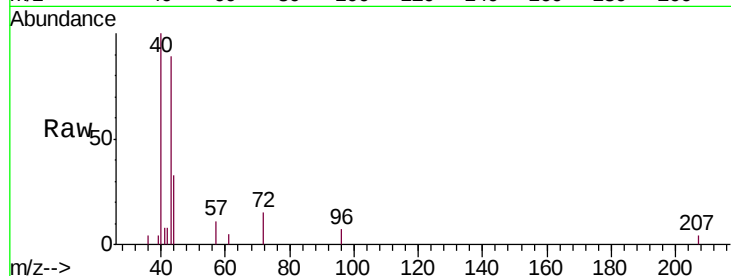




#18
2-Butanone
Concen: 0.851 ug/l
RT: 4.30 min Scan# 997
Delta R.T. 0.02 min
Lab File: VU031514.D
Acq: 26 Apr 2019 00:17

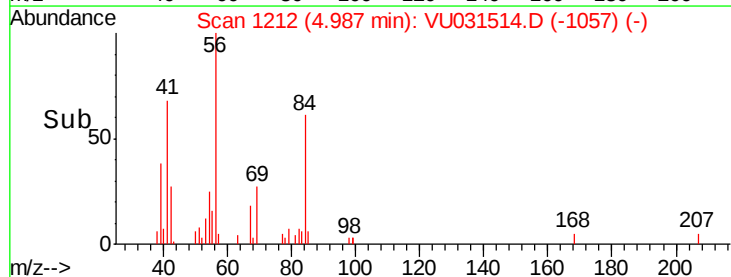
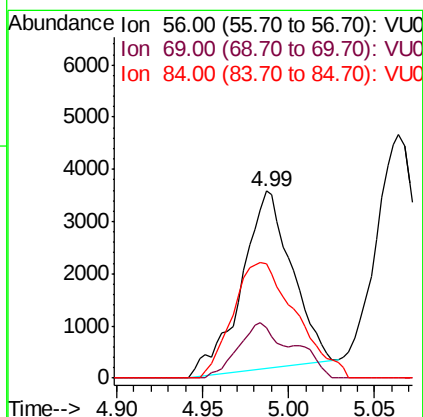
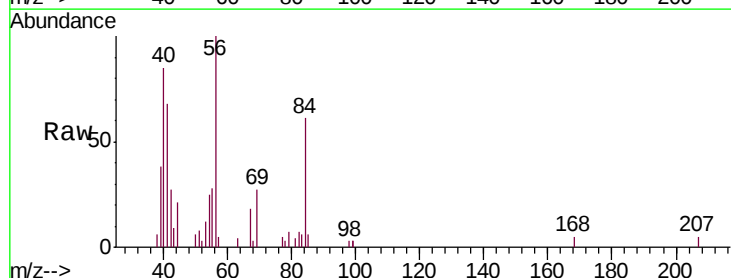
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019

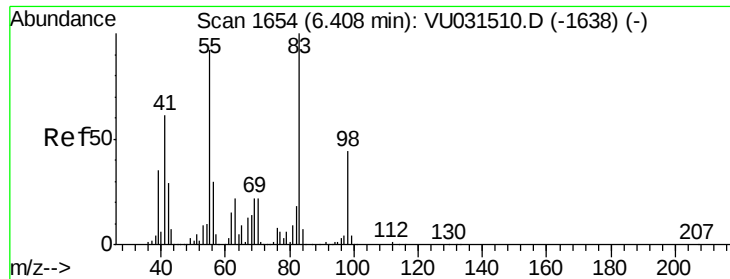
Tgt Ion: 43 Resp: 5588
Ion Ratio Lower Upper
43 100
57 11.9 0.0 14.2



#19
Cyclohexane
Concen: 0.211 ug/l
RT: 4.99 min Scan# 1212
Delta R.T. -0.00 min
Lab File: VU031514.D
Acq: 26 Apr 2019 00:17

Tgt Ion: 56 Resp: 6912
Ion Ratio Lower Upper
56 100
69 34.0 22.4 33.6#
84 81.6 59.0 88.4

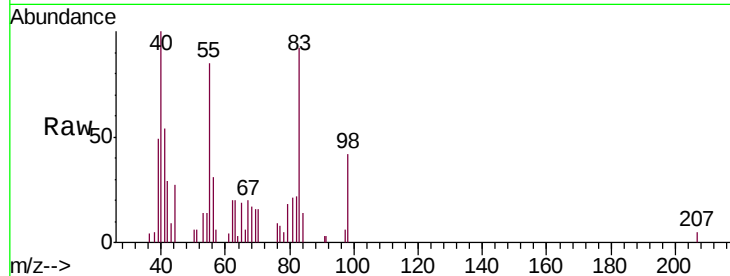




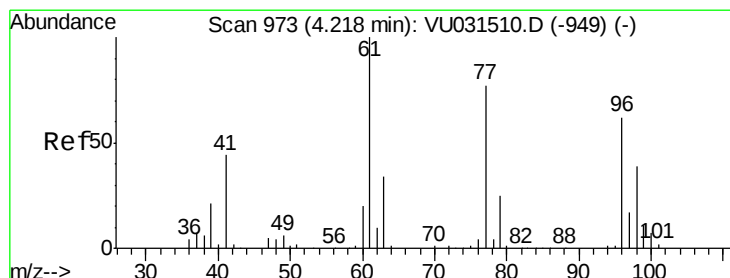
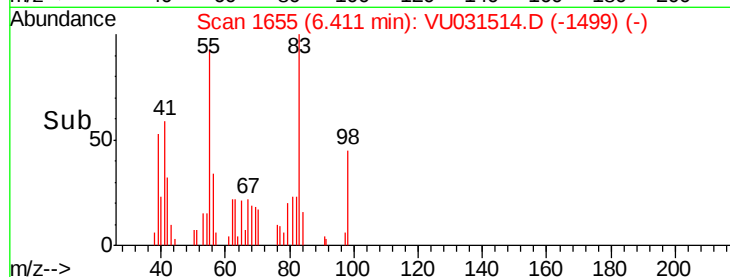
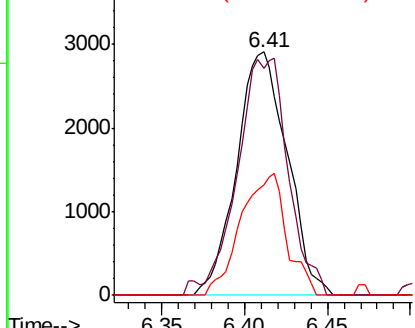
#20
Methylcyclohexane
Concen: 0.235 ug/l
RT: 6.41 min Scan# 1655
Delta R.T. 0.00 min
Lab File: VU031514.D
Acq: 26 Apr 2019 00:17

Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019

Tgt Ion: 83 Resp: 6165
Ion Ratio Lower Upper
83 100
55 92.0 73.7 110.5
98 45.5 35.2 52.8

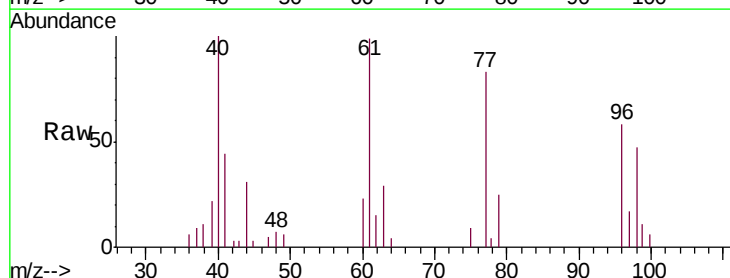


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

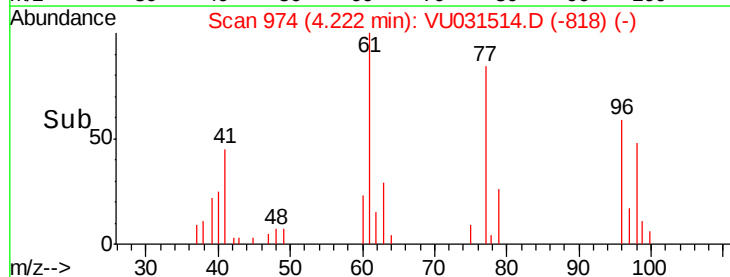
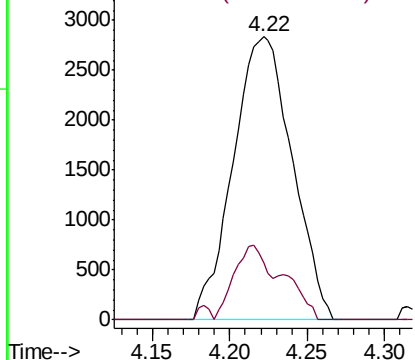


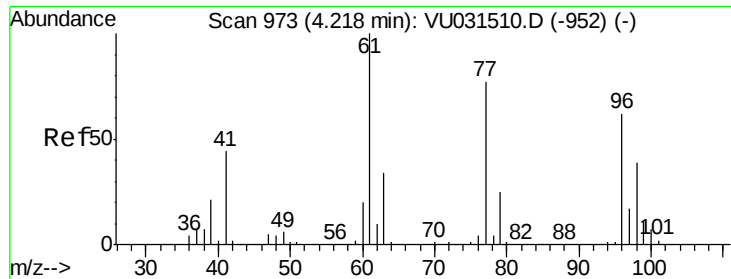
#21
2,2-Dichloropropane
Concen: 0.243 ug/l
RT: 4.22 min Scan# 974
Delta R.T. 0.00 min
Lab File: VU031514.D
Acq: 26 Apr 2019 00:17

Tgt Ion: 77 Resp: 7531
Ion Ratio Lower Upper
77 100
97 14.9 17.5 26.3#



Abundance Ion 77.00 (76.70 to 77.70): VU0
Ion 97.00 (96.70 to 97.70): VU0

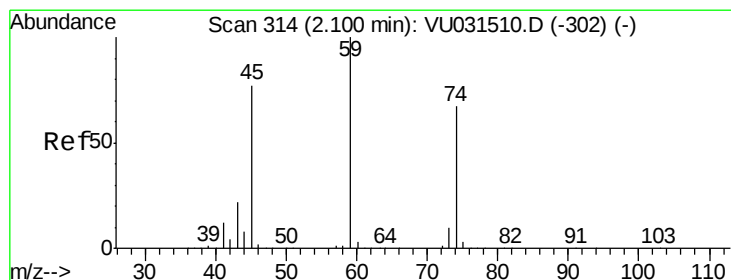
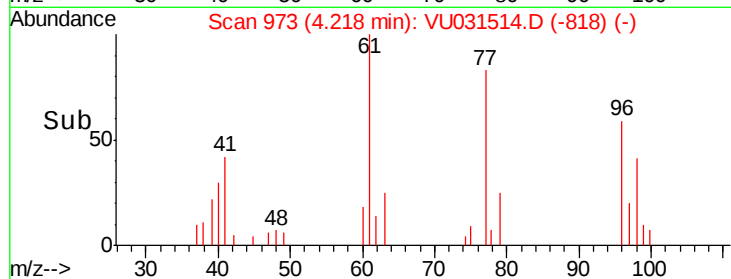
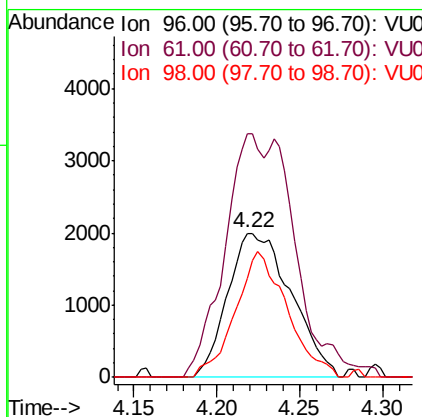
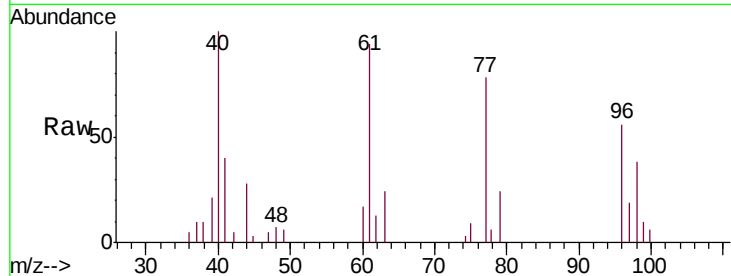




#22
 cis-1,2-Dichloroethene
 Concen: 0.244 ug/l
 RT: 4.22 min Scan# 973
 Delta R.T. -0.00 min
 Lab File: VU031514.D
 Acq: 26 Apr 2019 00:17

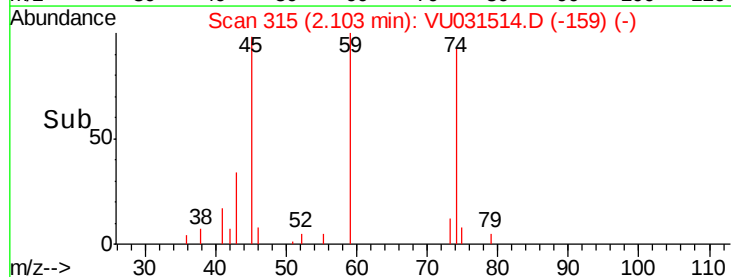
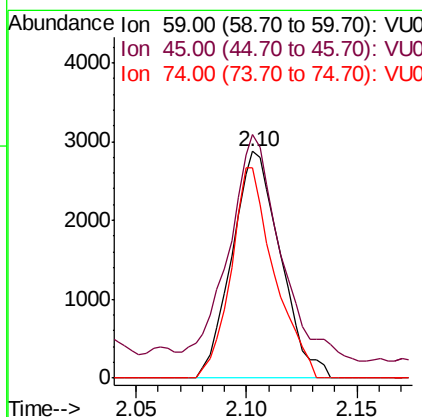
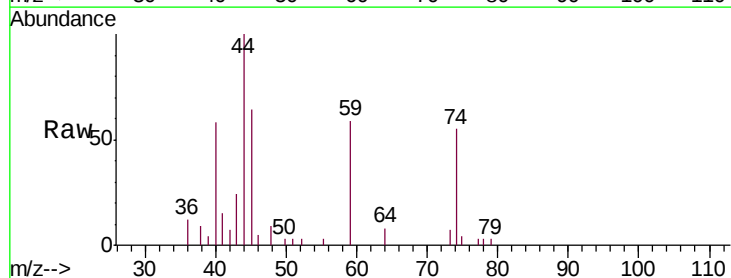
Instrument :
 MSVOA_U
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2019

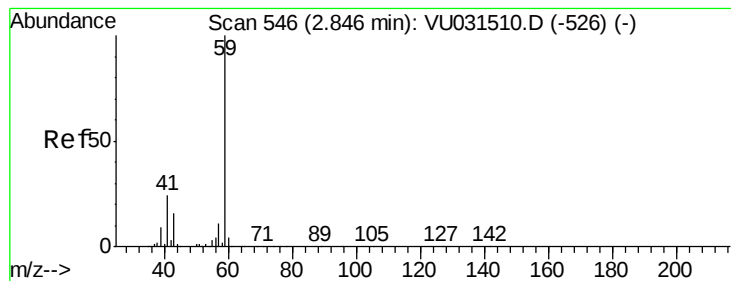
Tgt Ion: 96 Resp: 5319
 Ion Ratio Lower Upper
 96 100
 61 102.3 0.0 408.8
 98 70.9 31.1 93.3



#23
 Diethyl Ether
 Concen: 0.251 ug/l
 RT: 2.10 min Scan# 315
 Delta R.T. 0.00 min
 Lab File: VU031514.D
 Acq: 26 Apr 2019 00:17

Tgt Ion: 59 Resp: 4373
 Ion Ratio Lower Upper
 59 100
 45 106.4 64.5 96.7#
 74 82.9 54.6 81.8#





#24

tert-Butyl Alcohol

Concen: 3.041 ug/l

RT: 2.84 min Scan# 545

Delta R.T. -0.00 min

Lab File: VU031514.D

Acq: 26 Apr 2019 00:17

Instrument :

MSVOA_U

ClientSampleId :

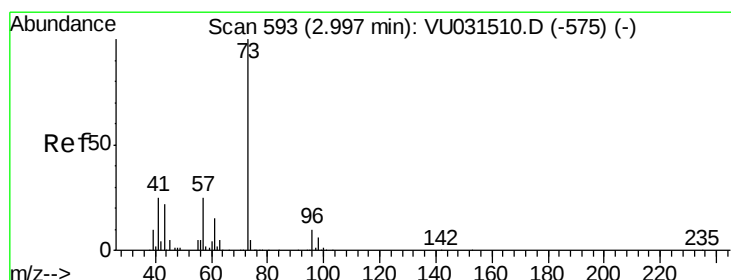
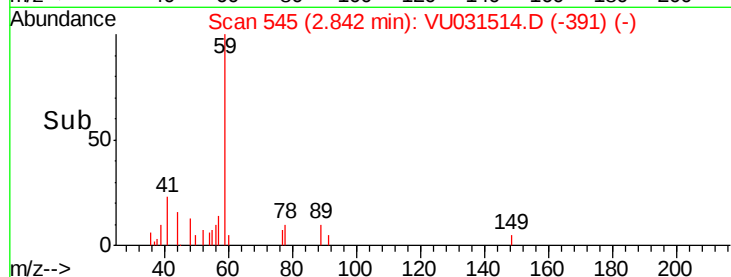
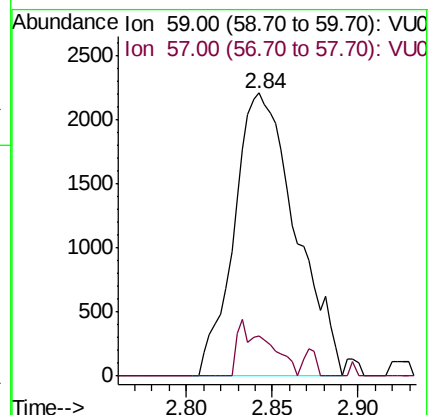
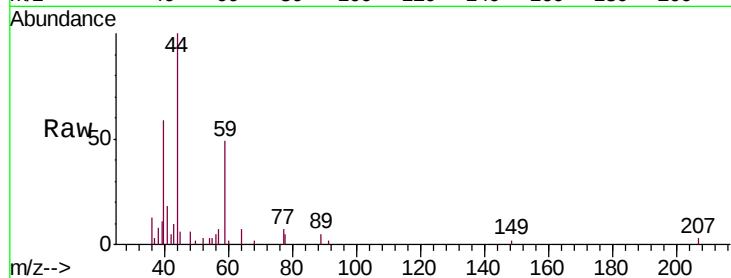
LOD-MDL-WATER-01-QT2-2019

Tgt Ion: 59 Resp: 5503

Ion Ratio Lower Upper

59 100

57 9.9 8.2 12.2



#25

Methyl tert-Butyl Ether

Concen: 0.278 ug/l

RT: 3.00 min Scan# 595

Delta R.T. 0.01 min

Lab File: VU031514.D

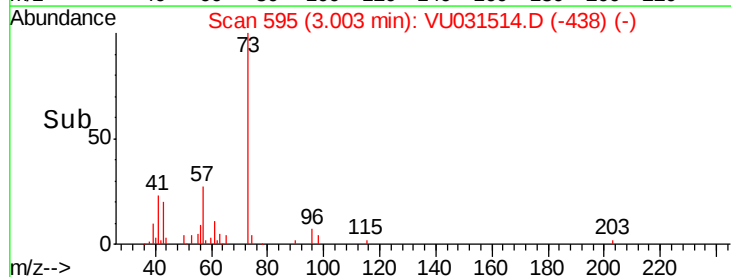
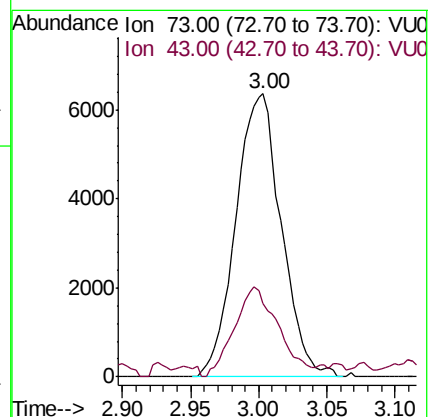
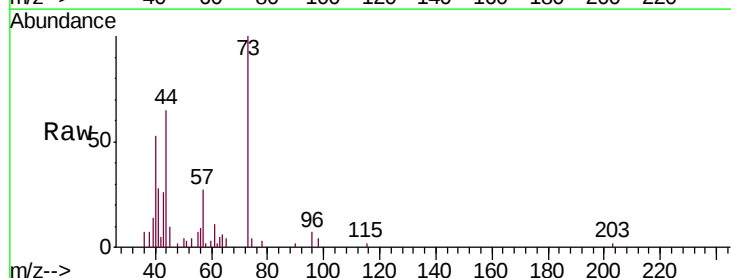
Acq: 26 Apr 2019 00:17

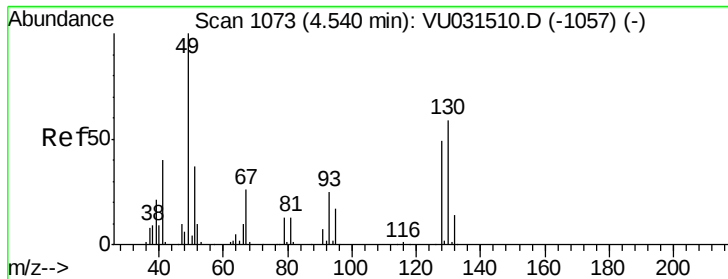
Tgt Ion: 73 Resp: 14725

Ion Ratio Lower Upper

73 100

43 30.9 16.9 25.3#

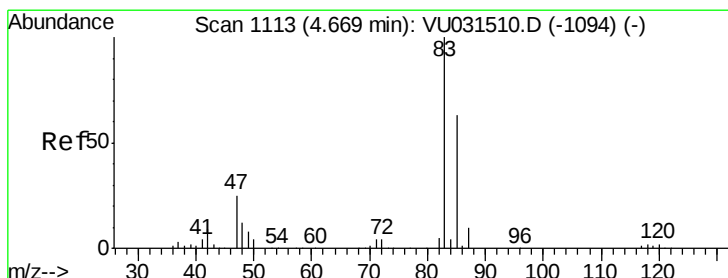
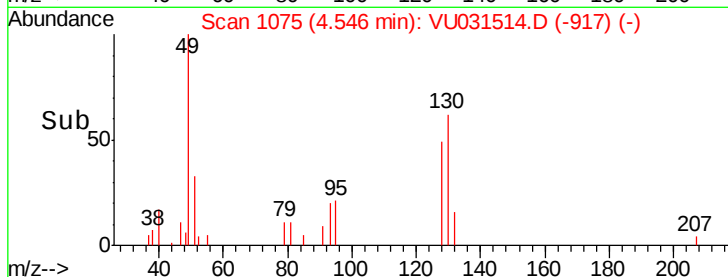
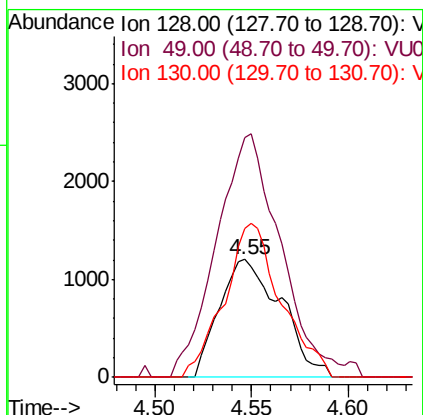
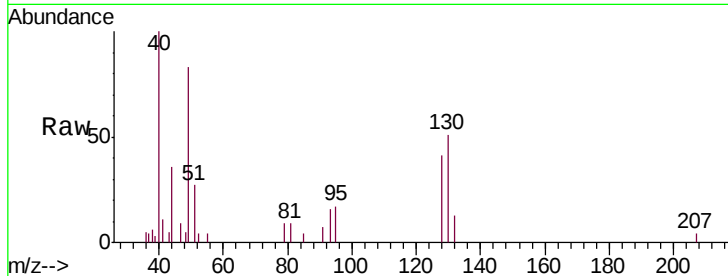




#26
Bromochloromethane
Concen: 0.289 ug/l
RT: 4.55 min Scan# 1075
Delta R.T. 0.01 min
Lab File: VU031514.D
Acq: 26 Apr 2019 00:17

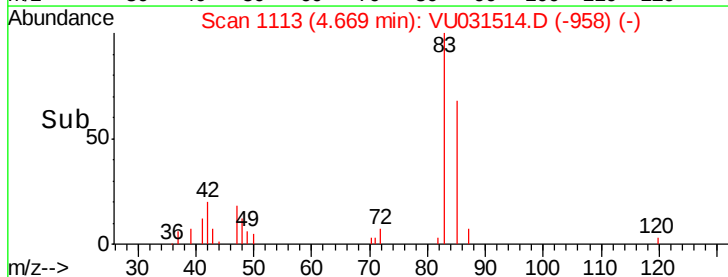
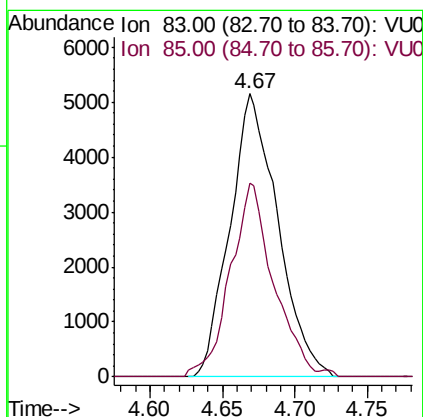
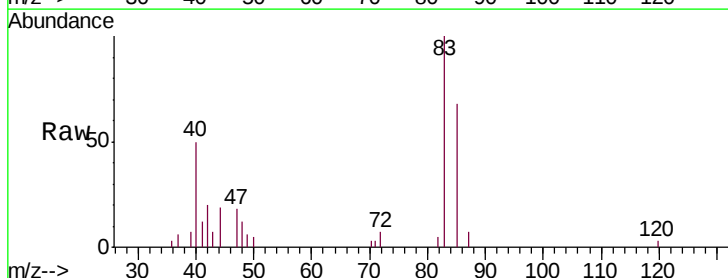
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019

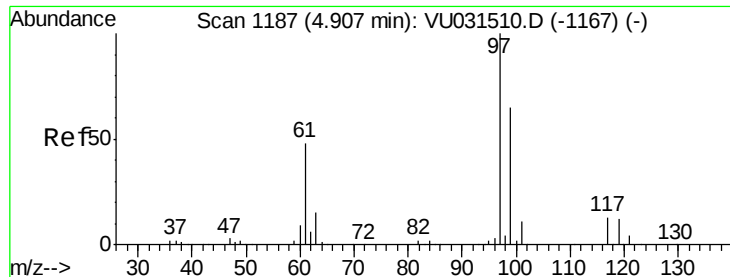
Tgt Ion:128 Resp: 2663
Ion Ratio Lower Upper
128 100
49 216.5 0.0 407.2
130 120.1 101.4 152.2



#27
Chloroform
Concen: 0.299 ug/l
RT: 4.67 min Scan# 1113
Delta R.T. -0.00 min
Lab File: VU031514.D
Acq: 26 Apr 2019 00:17

Tgt Ion: 83 Resp: 11785
Ion Ratio Lower Upper
83 100
85 68.4 0.0 126.2





#28

1,1,1-Trichloroethane

Concen: 0.262 ug/l

RT: 4.91 min Scan# 1189

Delta R.T. 0.01 min

Lab File: VU031514.D

Acq: 26 Apr 2019 00:17

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

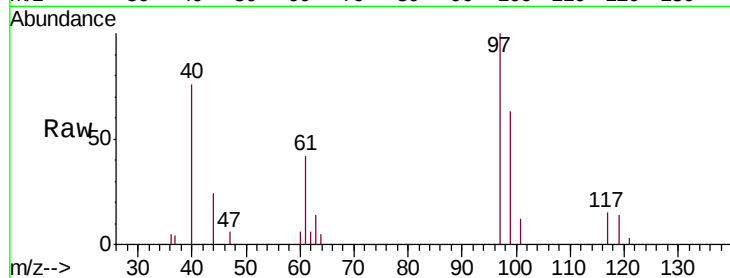
Tgt Ion: 97 Resp: 8681

Ion Ratio Lower Upper

97 100

99 64.4 32.0 96.2

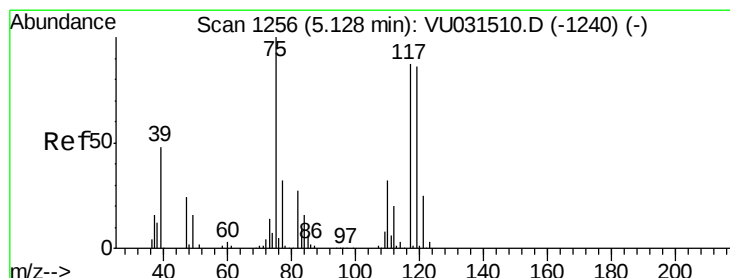
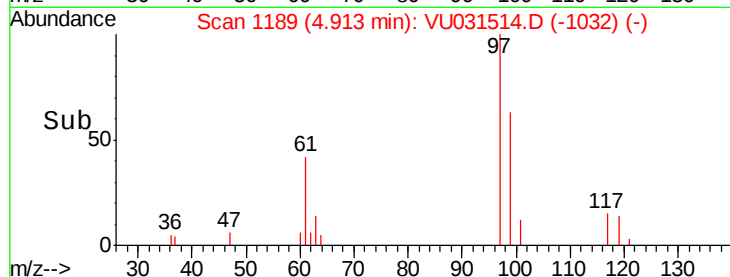
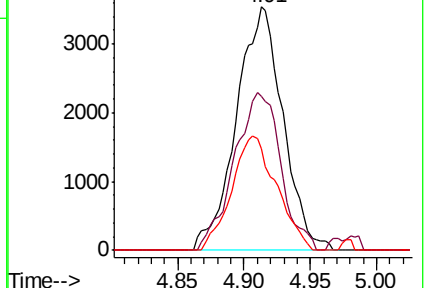
61 45.2 24.0 72.0



Abundance Ion 97.00 (96.70 to 97.70): VU0

Ion 99.00 (98.70 to 99.70): VU0

Ion 61.00 (60.70 to 61.70): VU0



#29

1,1-Dichloropropene

Concen: 0.248 ug/l

RT: 5.13 min Scan# 1257

Delta R.T. 0.00 min

Lab File: VU031514.D

Acq: 26 Apr 2019 00:17

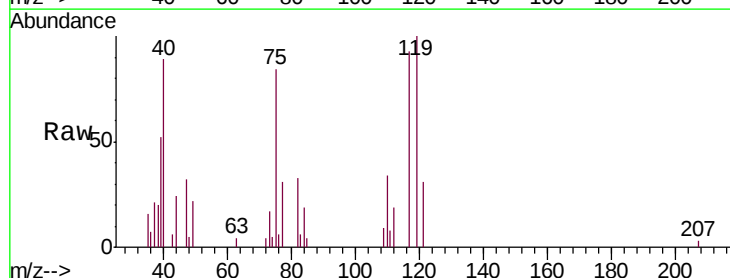
Tgt Ion: 75 Resp: 6663

Ion Ratio Lower Upper

75 100

110 33.7 16.4 49.1

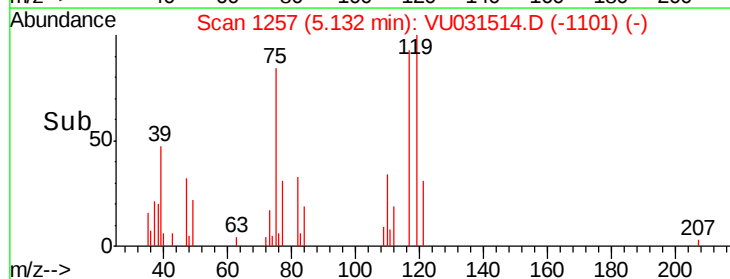
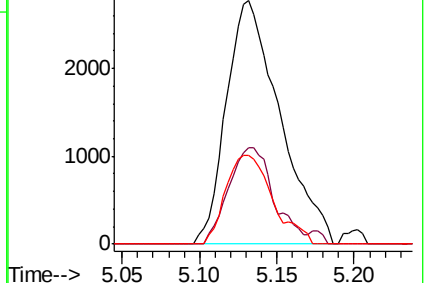
77 31.9 25.0 37.6

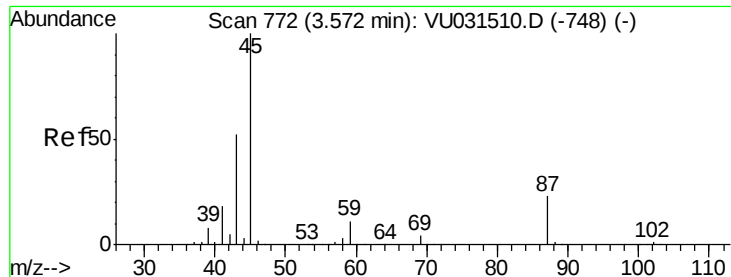


Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 110.00 (109.70 to 110.70): V

Ion 77.00 (76.70 to 77.70): VU0





#31

Isopropyl Ether

Concen: 0.264 ug/l

RT: 3.57 min Scan# 771

Delta R.T. -0.00 min

Lab File: VU031514.D

Acq: 26 Apr 2019 00:17

Instrument :

MSVOA_U

ClientSampleId :

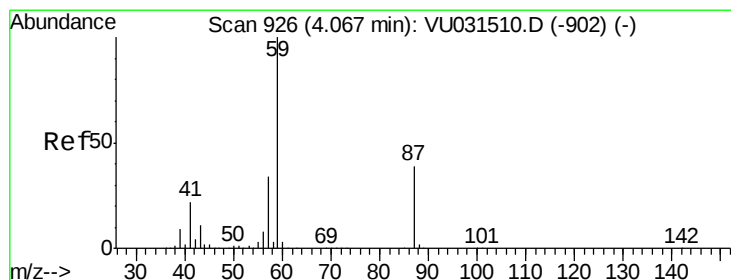
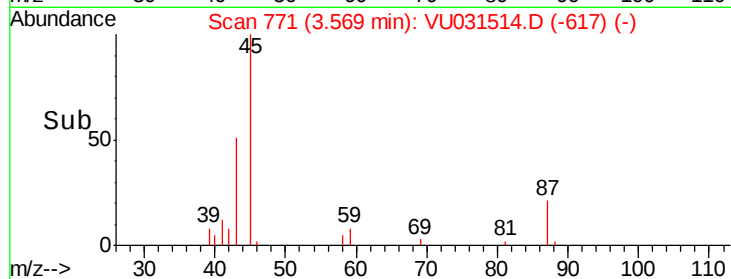
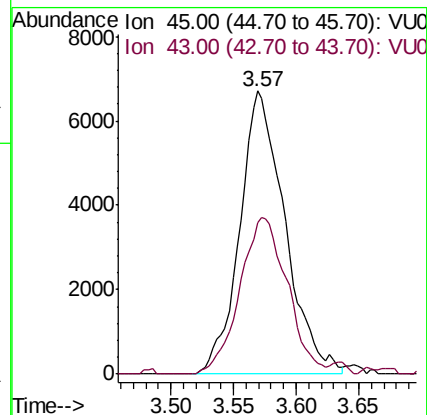
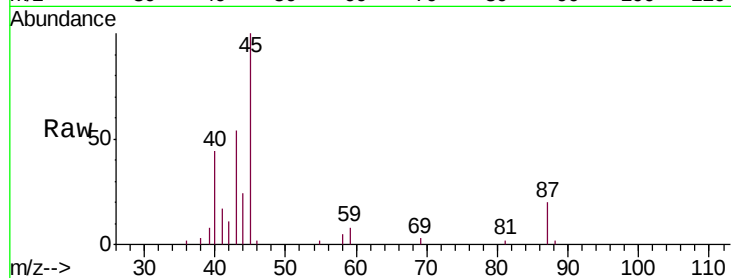
LOD-MDL-WATER-01-QT2-2019

Tgt Ion: 45 Resp: 16803

Ion Ratio Lower Upper

45 100

43 58.1 26.0 78.0



#32

Ethyl-t-butyl ether

Concen: 0.252 ug/l

RT: 4.07 min Scan# 926

Delta R.T. -0.00 min

Lab File: VU031514.D

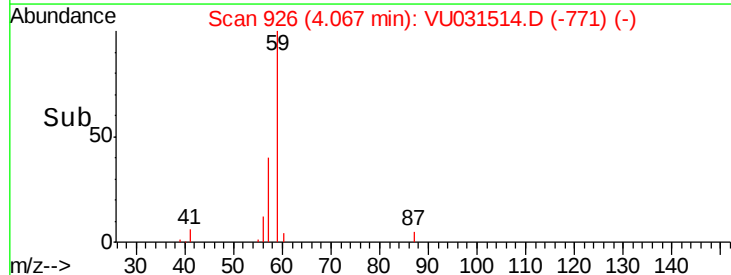
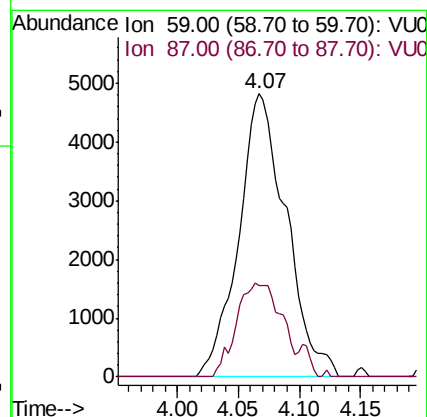
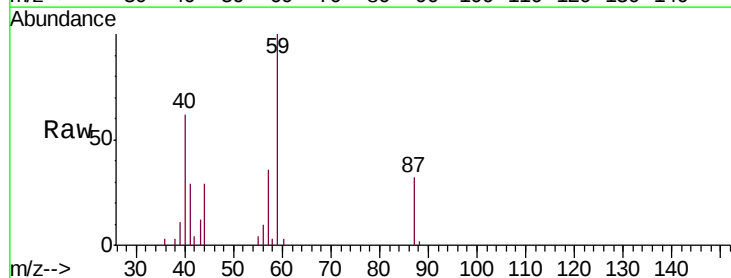
Acq: 26 Apr 2019 00:17

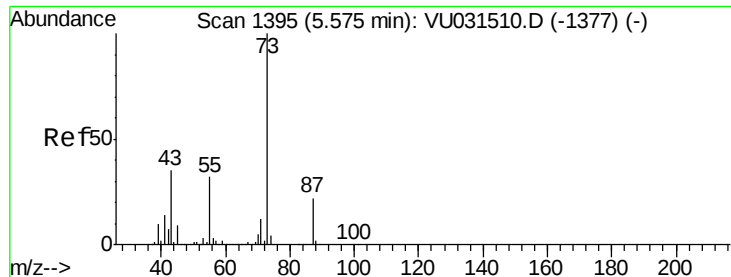
Tgt Ion: 59 Resp: 12990

Ion Ratio Lower Upper

59 100

87 25.3 29.9 44.9#

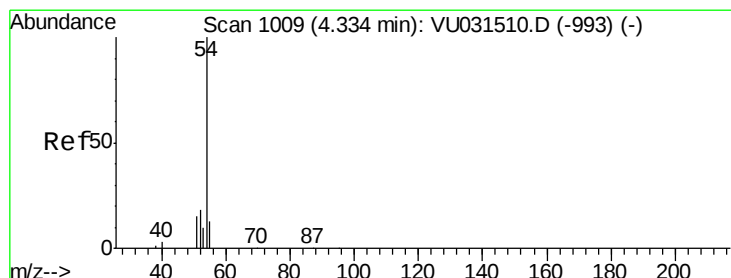
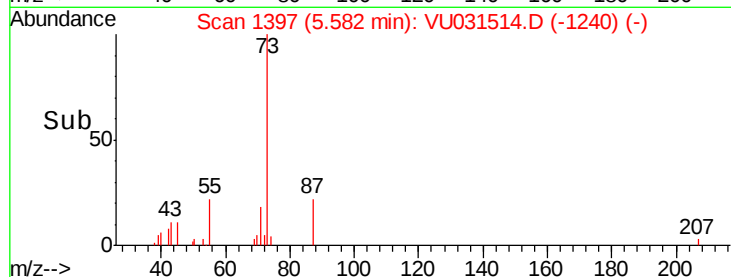
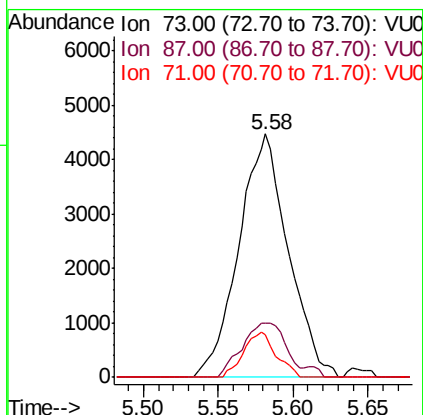
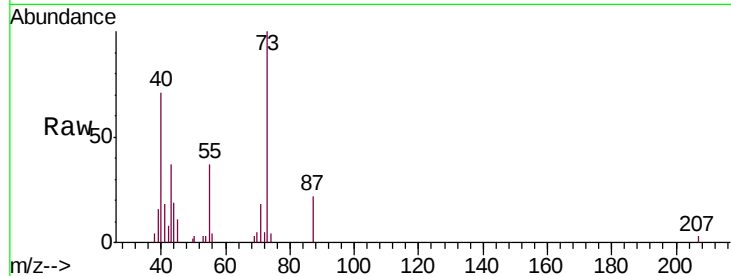




#33
Tert-Amyl methyl ether
Concen: 0.251 ug/l
RT: 5.58 min Scan# 1397
Delta R.T. 0.01 min
Lab File: VU031514.D
Acq: 26 Apr 2019 00:17

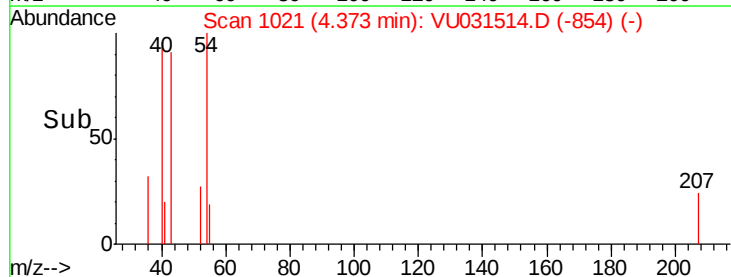
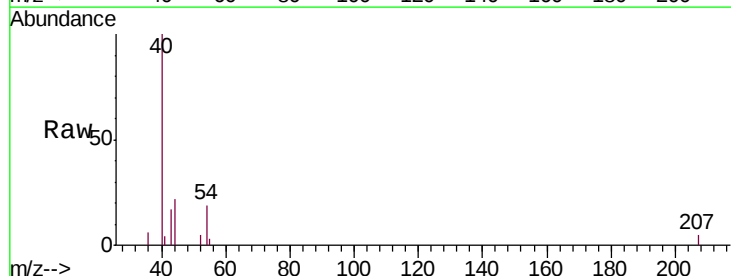
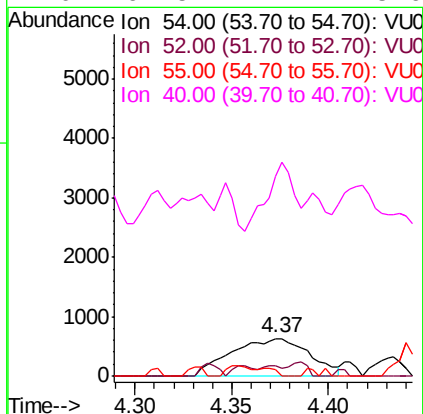
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019

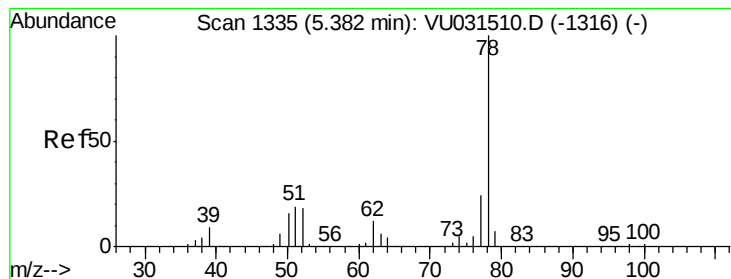
Tgt Ion: 73 Resp: 10296
Ion Ratio Lower Upper
73 100
87 16.9 18.2 27.2#
71 12.3 9.0 13.6



#34
Propionitrile
Concen: 0.997 ug/l
RT: 4.37 min Scan# 1021
Delta R.T. 0.04 min
Lab File: VU031514.D
Acq: 26 Apr 2019 00:17

Tgt Ion: 54 Resp: 1757
Ion Ratio Lower Upper
54 100
52 6.9 15.0 22.4#
55 0.0 13.5 20.3#
40 62.5 2.4 3.6#





#35

Benzene

Concen: 0.254 ug/l

RT: 5.39 min Scan# 1337

Delta R.T. 0.01 min

Lab File: VU031514.D

Acq: 26 Apr 2019 00:17

Instrument :

MSVOA_U

ClientSampleId :

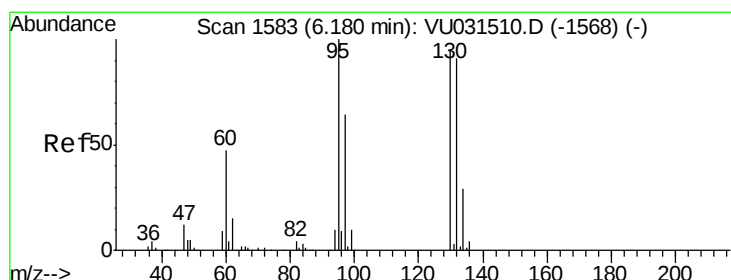
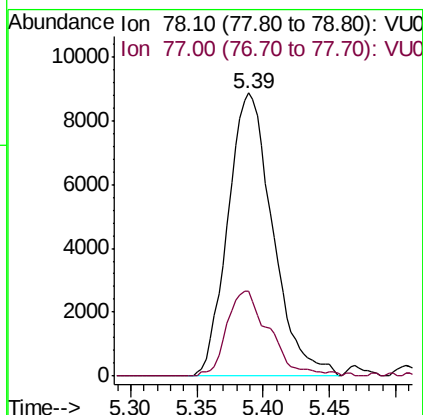
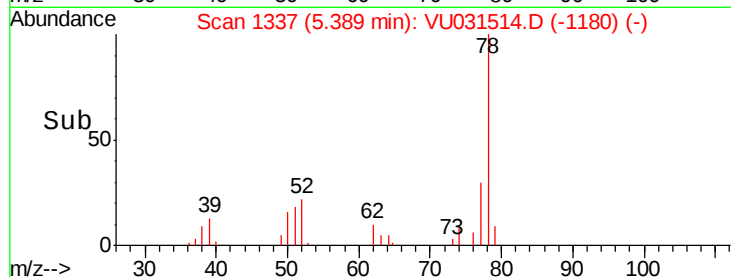
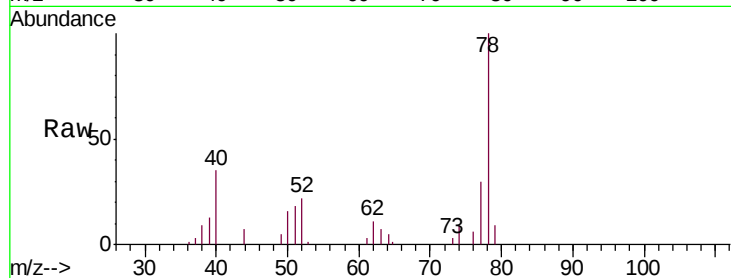
LOD-MDL-WATER-01-QT2-2019

Tgt Ion: 78 Resp: 20824

Ion Ratio Lower Upper

78 100

77 30.0 19.2 28.8#



#37

Trichloroethene

Concen: 0.300 ug/l

RT: 6.18 min Scan# 1584

Delta R.T. 0.00 min

Lab File: VU031514.D

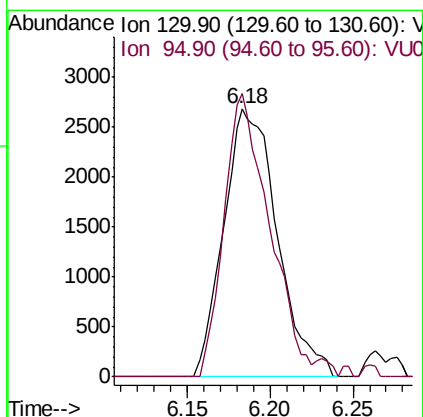
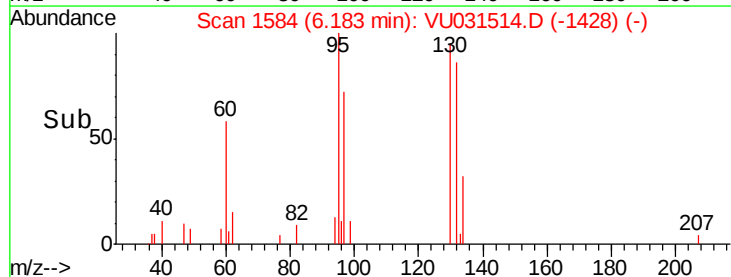
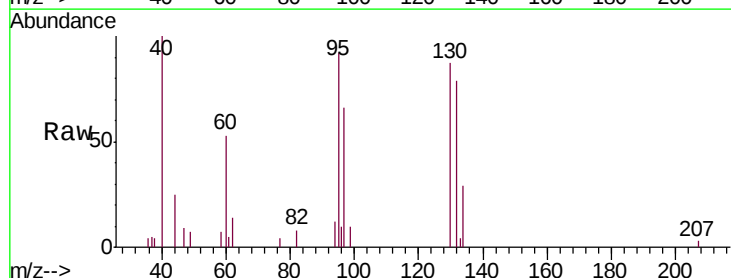
Acq: 26 Apr 2019 00:17

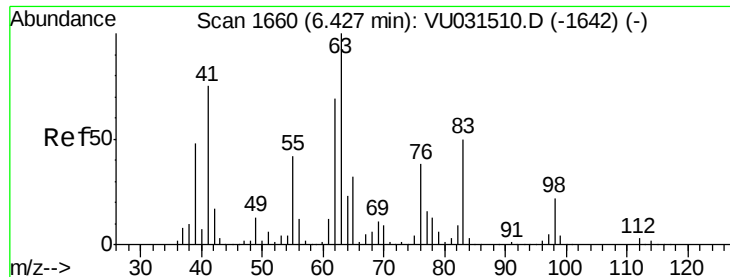
Tgt Ion: 130 Resp: 6034

Ion Ratio Lower Upper

130 100

95 105.4 83.8 125.8





#38

1,2-Dichloropropane

Concen: 0.248 ug/l

RT: 6.44 min Scan# 1663

Delta R.T. 0.01 min

Lab File: VU031514.D

Acq: 26 Apr 2019 00:17

Instrument :

MSVOA_U

ClientSampleId :

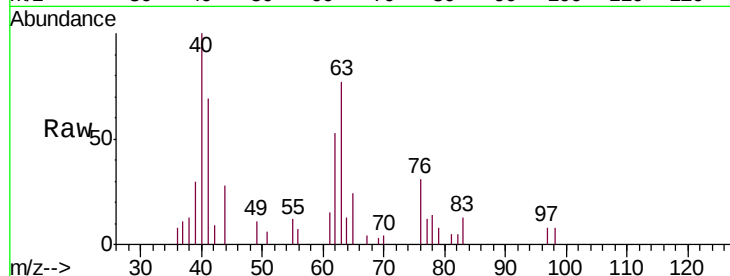
LOD-MDL-WATER-01-QT2-2019

Tgt Ion: 63 Resp: 5748

Ion Ratio Lower Upper

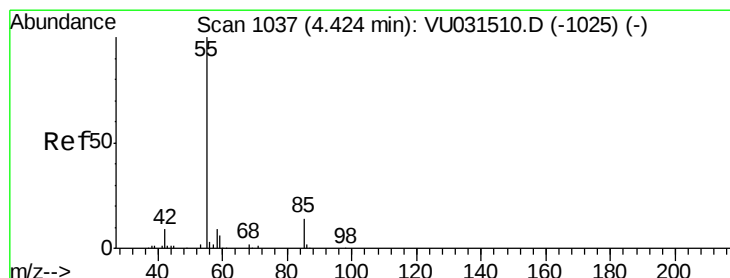
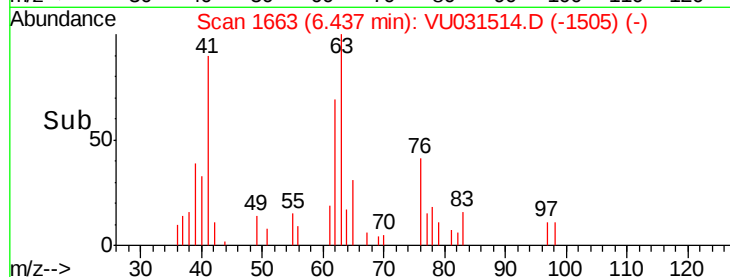
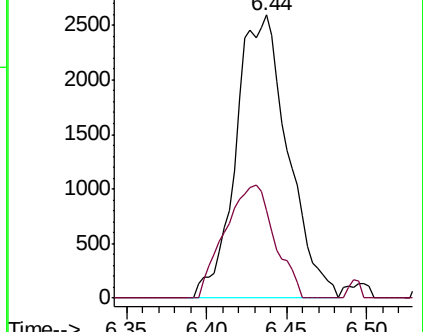
63 100

65 31.1 25.3 37.9



Abundance Ion 63.00 (62.70 to 63.70): VU031510.D (-1642) (-)

Ion 65.00 (64.70 to 65.70): VU031510.D (-1642) (-)



#40

Methyl acrylate

Concen: 0.358 ug/l

RT: 4.39 min Scan# 1026

Delta R.T. -0.04 min

Lab File: VU031514.D

Acq: 26 Apr 2019 00:17

Tgt Ion: 55 Resp: 45

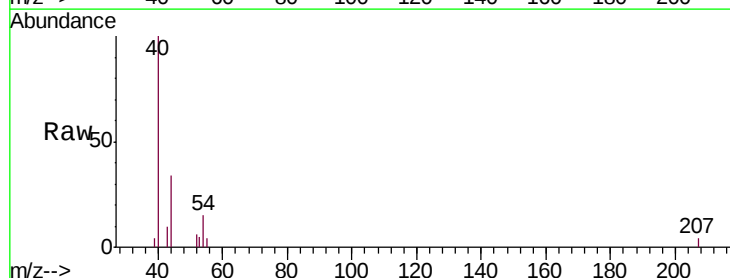
Ion Ratio Lower Upper

55 100

85 0.0 11.5 17.3#

58 0.0 6.5 9.7#

42 0.0 7.4 11.2#

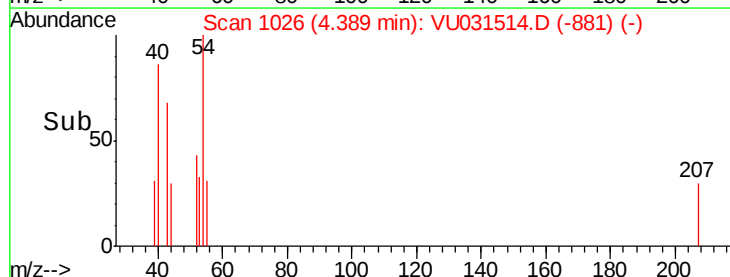
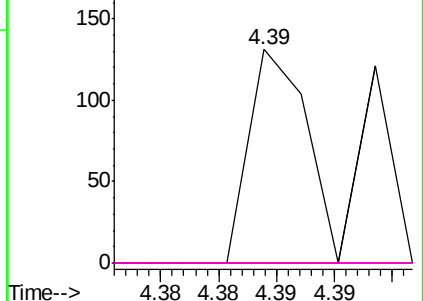


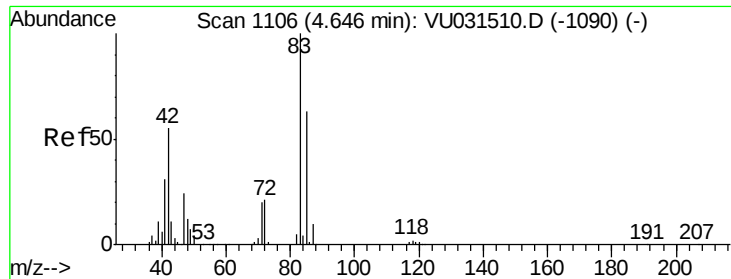
Abundance Ion 55.00 (54.70 to 55.70): VU031510.D (-1025) (-)

Ion 85.00 (84.70 to 85.70): VU031510.D (-1025) (-)

Ion 58.00 (57.70 to 58.70): VU031510.D (-1025) (-)

Ion 42.00 (41.70 to 42.70): VU031510.D (-1025) (-)

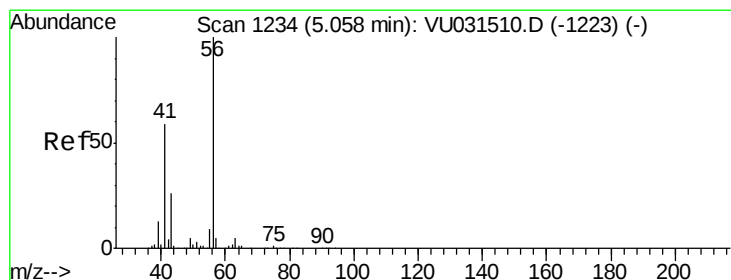
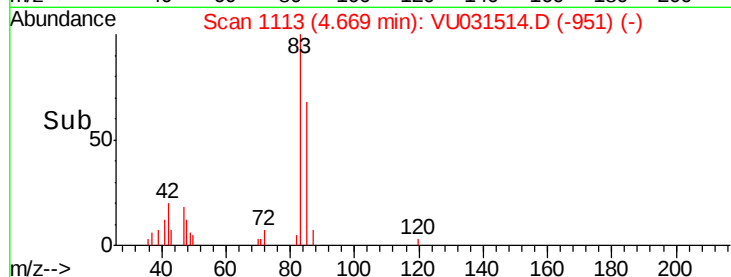
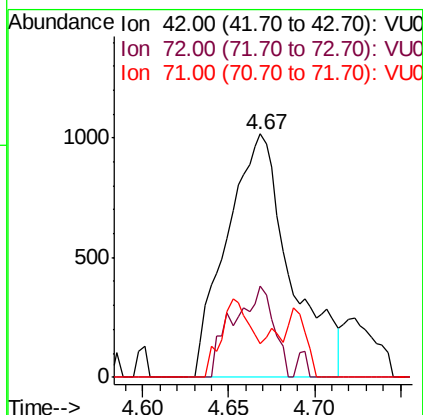
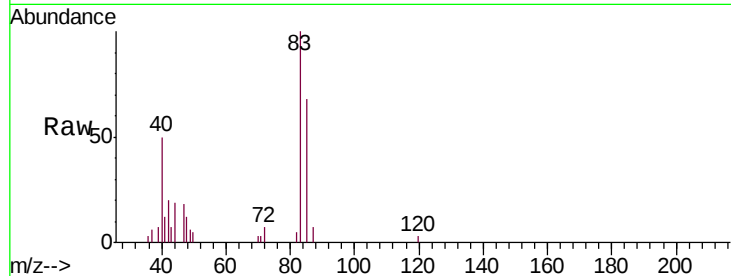




#41
Tetrahydrofuran
Concen: 0.646 ug/l
RT: 4.67 min Scan# 1113
Delta R.T. 0.02 min
Lab File: VU031514.D
Acq: 26 Apr 2019 00:17

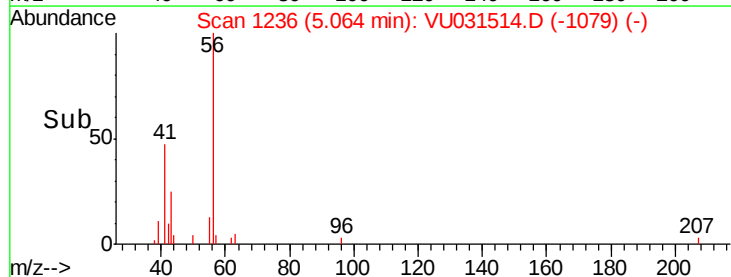
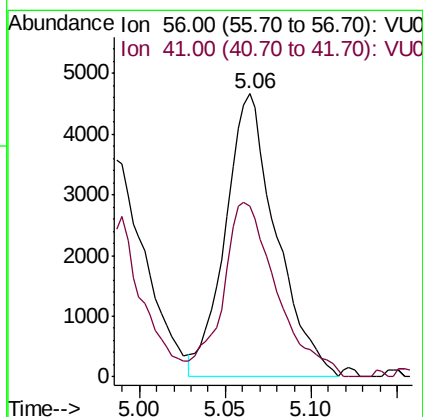
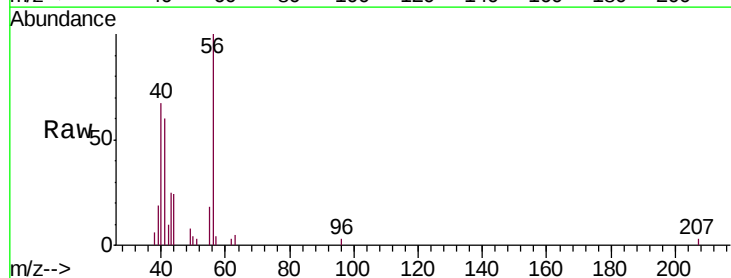
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019

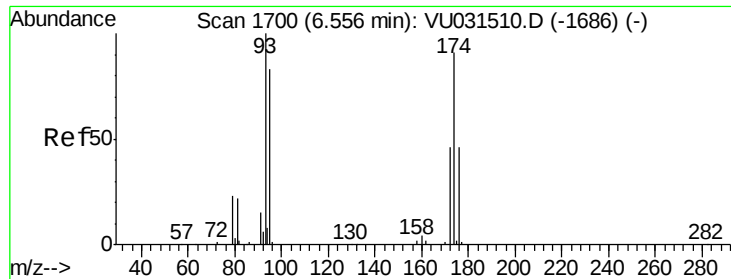
Tgt Ion: 42 Resp: 2616
Ion Ratio Lower Upper
42 100
72 23.8 32.1 48.1#
71 5.2 29.2 43.8#



#42
1-Chlorobutane
Concen: 0.236 ug/l
RT: 5.06 min Scan# 1236
Delta R.T. 0.01 min
Lab File: VU031514.D
Acq: 26 Apr 2019 00:17

Tgt Ion: 56 Resp: 9610
Ion Ratio Lower Upper
56 100
41 65.0 29.3 88.0





#43

Dibromomethane

Concen: 0.277 ug/l

RT: 6.56 min Scan# 1702

Delta R.T. 0.01 min

Lab File: VU031514.D

Acq: 26 Apr 2019 00:17

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

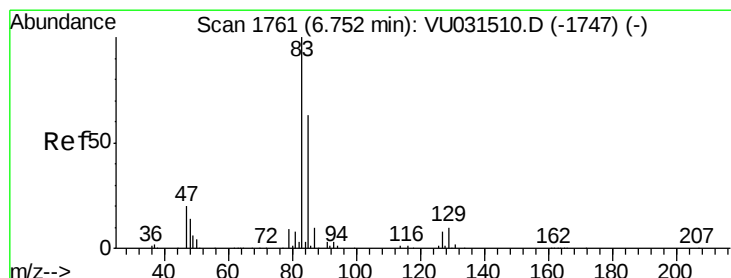
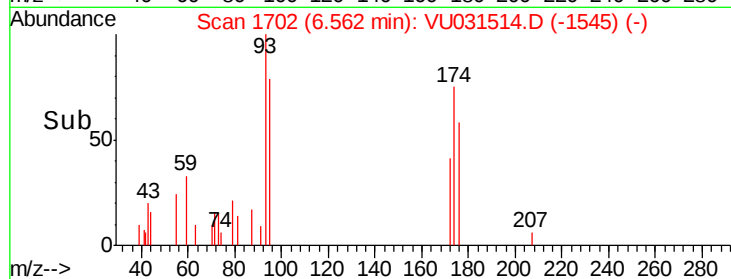
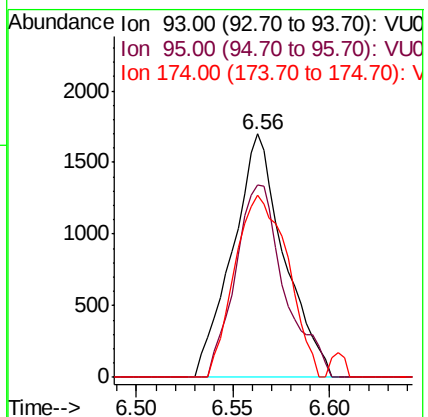
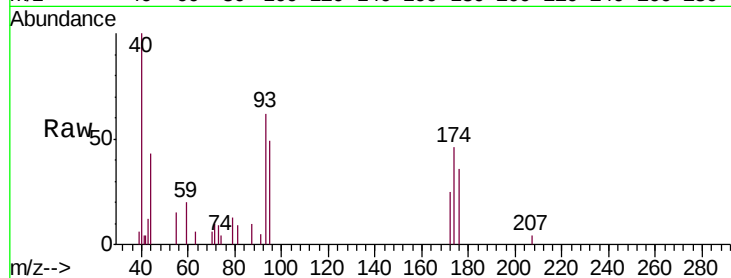
Tgt Ion: 93 Resp: 3160

Ion Ratio Lower Upper

93 100

95 75.1 65.7 98.5

174 76.9 71.8 107.8



#44

Bromodichloromethane

Concen: 0.257 ug/l

RT: 6.76 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VU031514.D

Acq: 26 Apr 2019 00:17

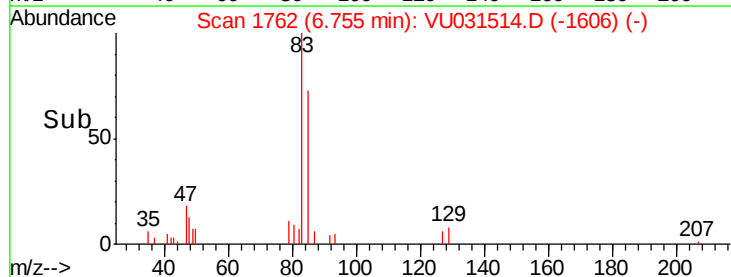
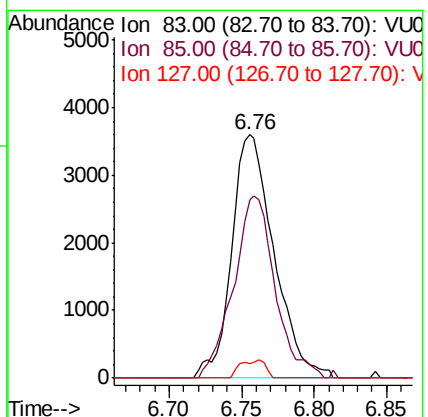
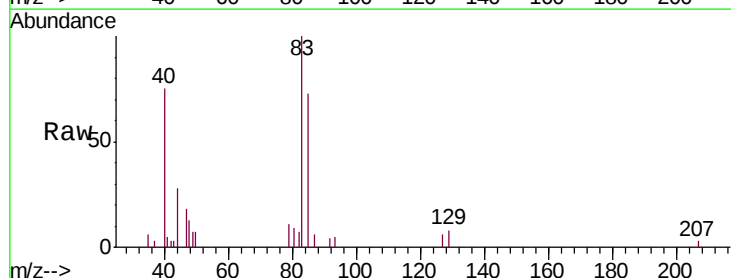
Tgt Ion: 83 Resp: 7295

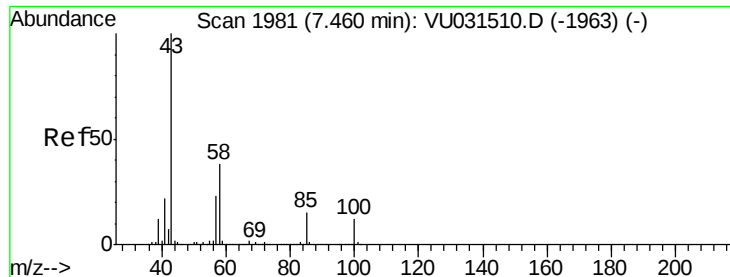
Ion Ratio Lower Upper

83 100

85 73.1 50.3 75.5

127 6.0 6.6 9.8#

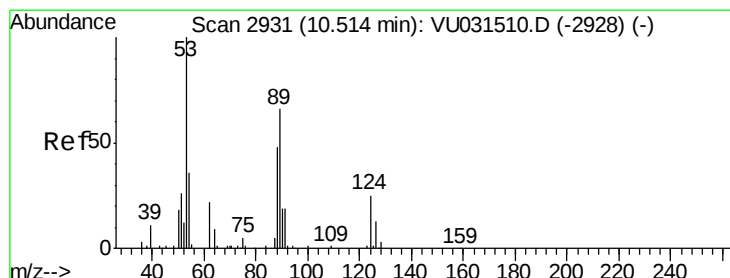
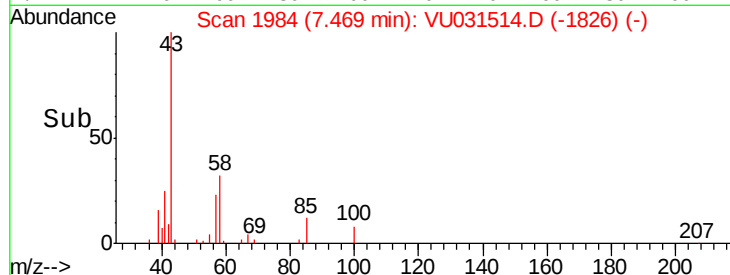
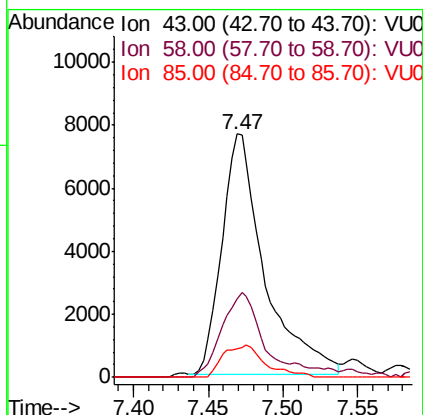
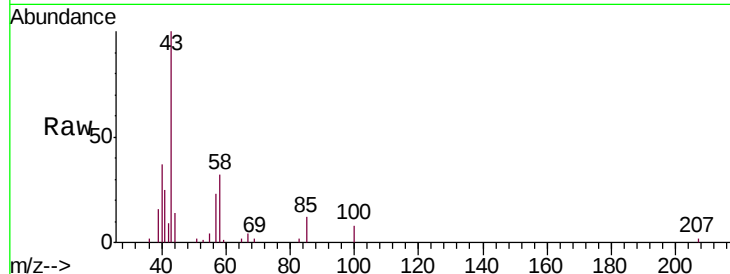




#45
 4-Methyl-2-Pentanone
 Concen: 1.108 ug/l
 RT: 7.47 min Scan# 1984
 Delta R.T. 0.01 min
 Lab File: VU031514.D
 Acq: 26 Apr 2019 00:17

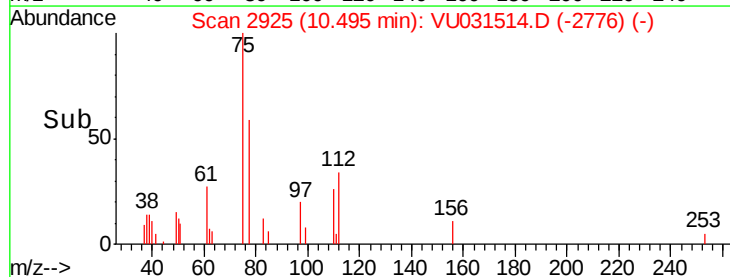
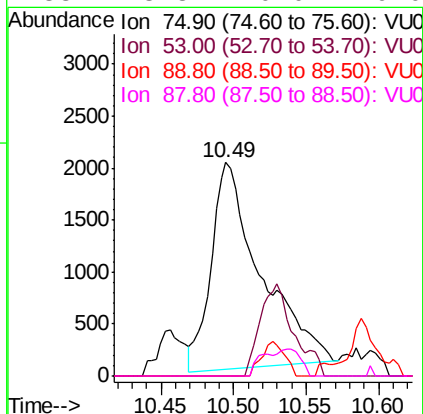
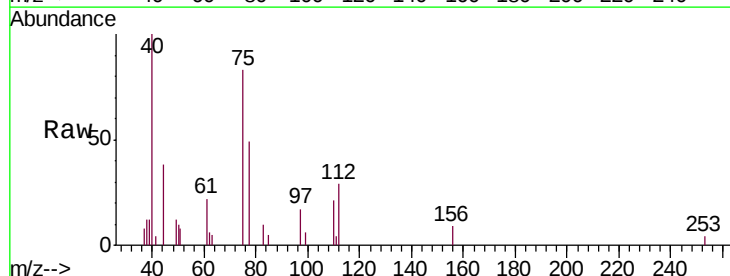
Instrument :
 MSVOA_U
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2019

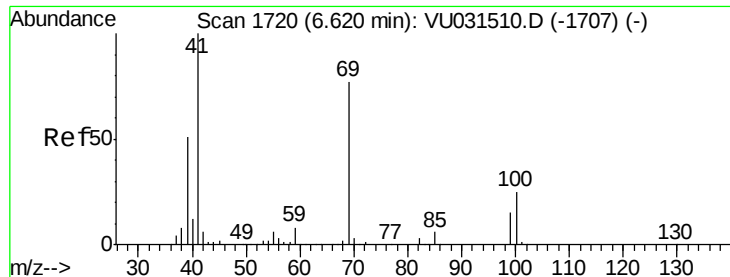
Tgt Ion: 43 Resp: 15119
 Ion Ratio Lower Upper
 43 100
 58 36.2 18.7 56.1
 85 13.3 12.1 18.1



#46
 t-1,4-Dichloro-2-butene
 Concen: 1.133 ug/l
 RT: 10.49 min Scan# 2925
 Delta R.T. -0.02 min
 Lab File: VU031514.D
 Acq: 26 Apr 2019 00:17

Tgt Ion: 75 Resp: 4746
 Ion Ratio Lower Upper
 75 100
 53 0.0 63.8 95.8#
 89 0.0 38.6 57.8#
 88 3.8 0.0 0.0#

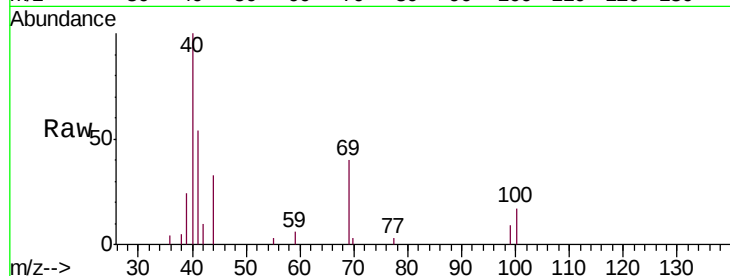




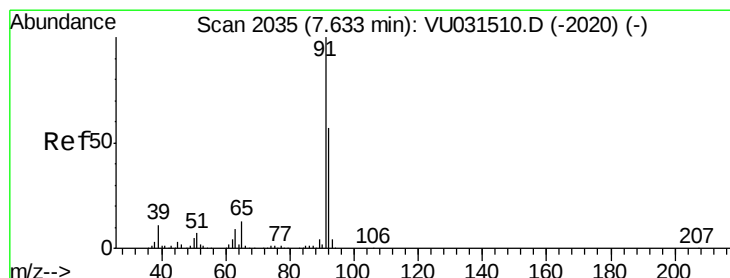
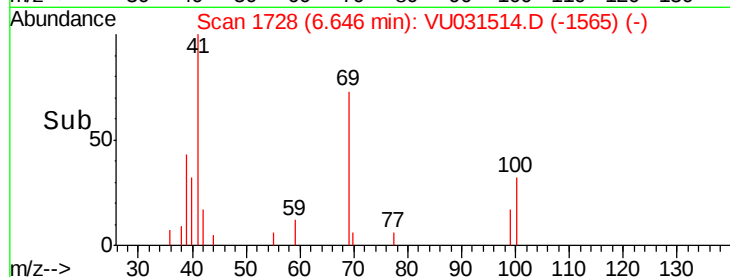
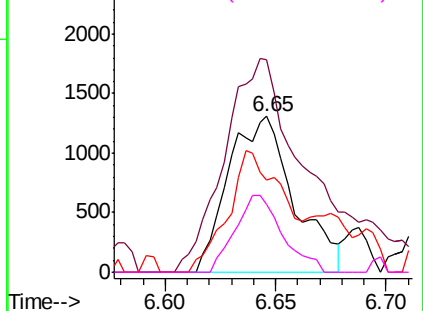
#47
Methyl methacrylate
Concen: 0.307 ug/l
RT: 6.65 min Scan# 1728
Delta R.T. 0.03 min
Lab File: VU031514.D
Acq: 26 Apr 2019 00:17

Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019

Tgt Ion: 69 Resp: 2702
Ion Ratio Lower Upper
69 100
41 182.6 0.0 256.4
39 65.5 52.2 78.4
100 35.6 25.9 38.9

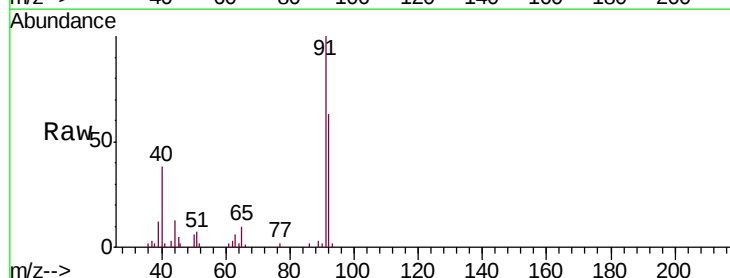


Abundance Ion 69.00 (68.70 to 69.70): VU0
Ion 41.00 (40.70 to 41.70): VU0
Ion 39.00 (38.70 to 39.70): VU0
Ion 100.00 (99.70 to 100.70): VU0

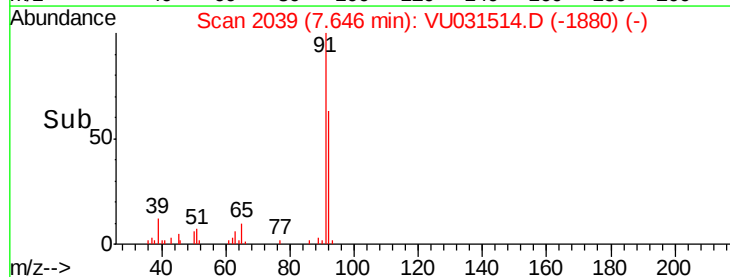
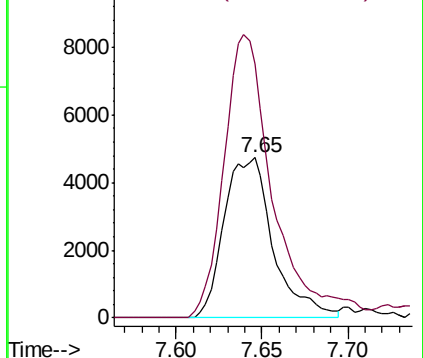


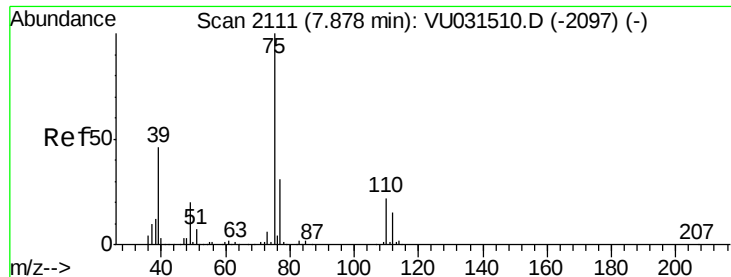
#49
Toluene
Concen: 0.221 ug/l
RT: 7.65 min Scan# 2039
Delta R.T. 0.01 min
Lab File: VU031514.D
Acq: 26 Apr 2019 00:17

Tgt Ion: 92 Resp: 9450
Ion Ratio Lower Upper
92 100
91 176.4 142.0 213.0



Abundance Ion 92.00 (91.70 to 92.70): VU0
Ion 91.00 (90.70 to 91.70): VU0





#50

t-1,3-Dichloropropene

Concen: 0.205 ug/l

RT: 7.89 min Scan# 2116

Delta R.T. 0.02 min

Lab File: VU031514.D

Acq: 26 Apr 2019 00:17

Instrument :

MSVOA_U

ClientSampleId :

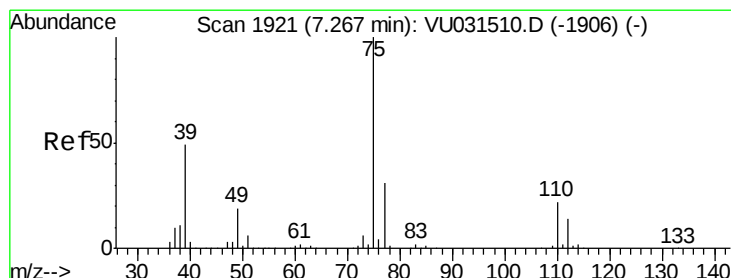
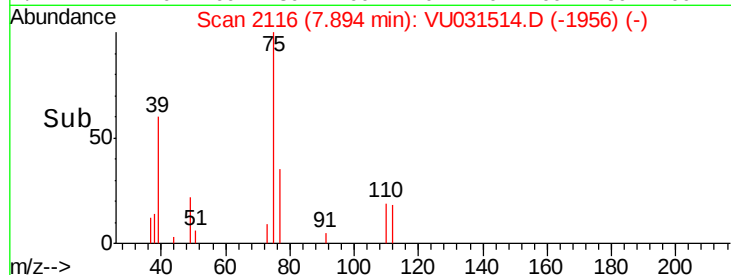
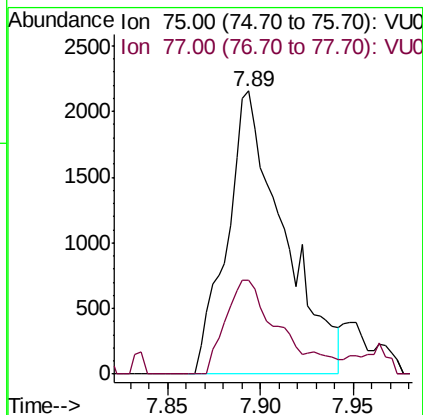
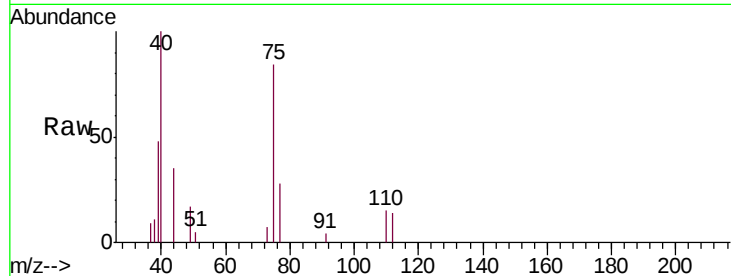
LOD-MDL-WATER-01-QT2-2019

Tgt Ion: 75 Resp: 4576

Ion Ratio Lower Upper

75 100

77 33.2 25.0 37.4



#51

cis-1,3-Dichloropropene

Concen: 0.226 ug/l

RT: 7.27 min Scan# 1923

Delta R.T. 0.01 min

Lab File: VU031514.D

Acq: 26 Apr 2019 00:17

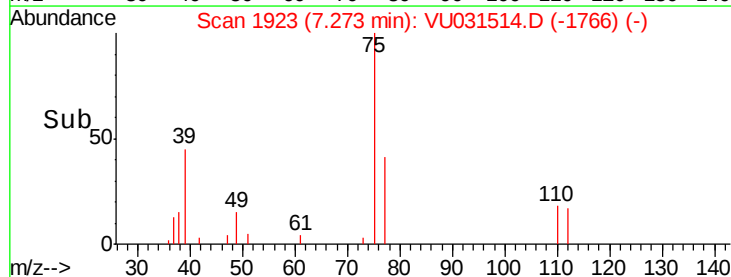
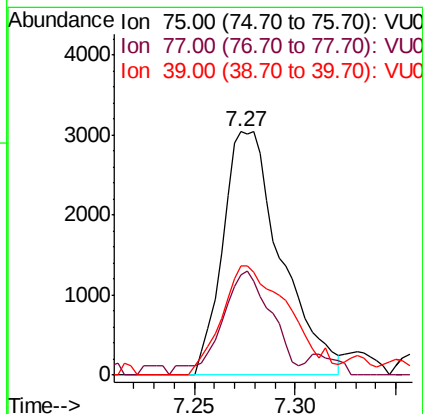
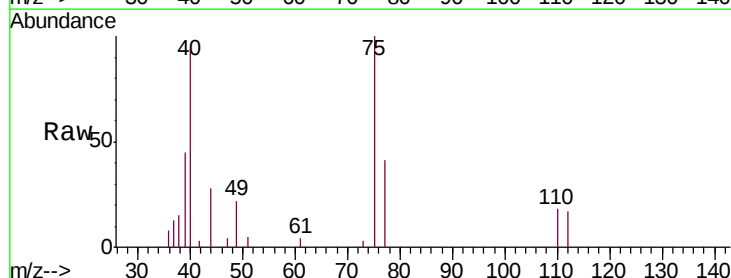
Tgt Ion: 75 Resp: 6144

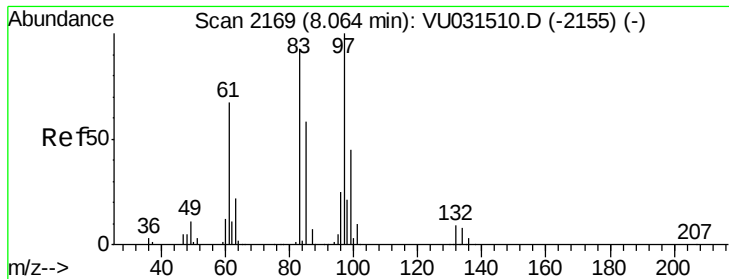
Ion Ratio Lower Upper

75 100

77 37.5 25.0 37.4#

39 44.9 39.0 58.6

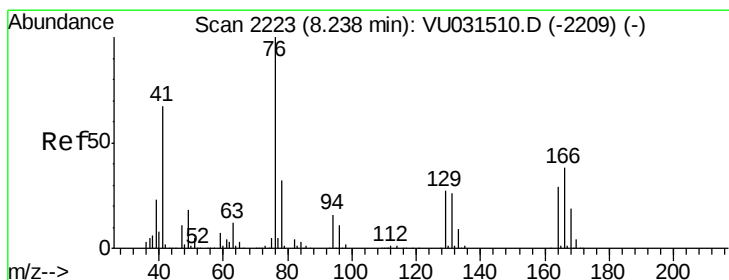
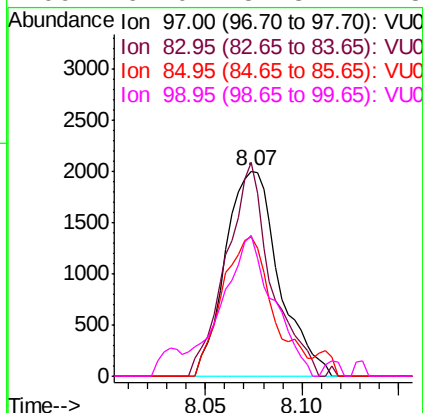
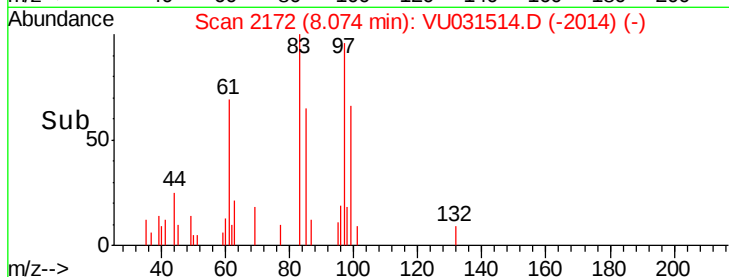
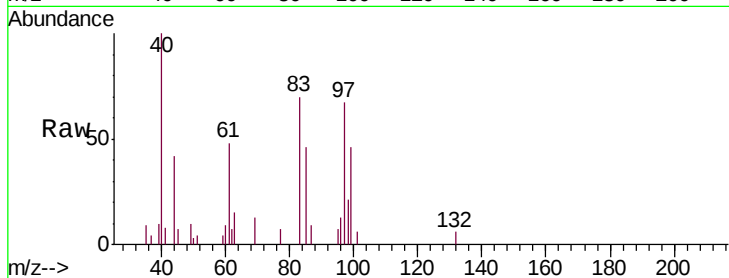




#52
 1,1,2-Trichloroethane
 Concen: 0.258 ug/l
 RT: 8.07 min Scan# 2172
 Delta R.T. 0.01 min
 Lab File: VU031514.D
 Acq: 26 Apr 2019 00:17

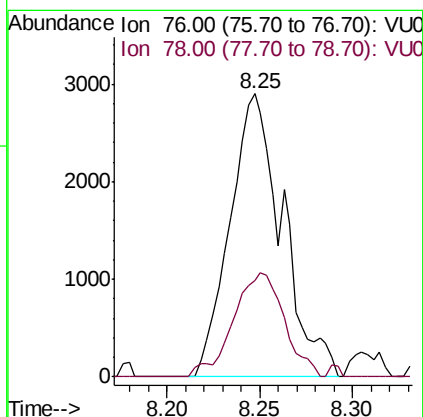
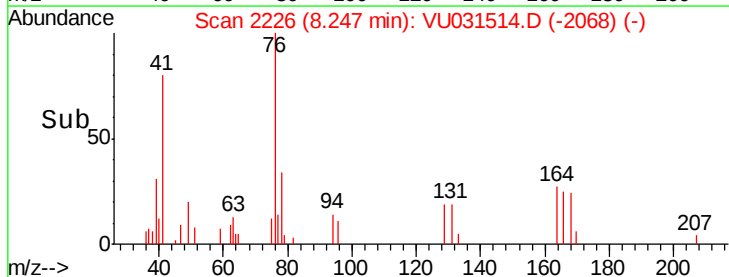
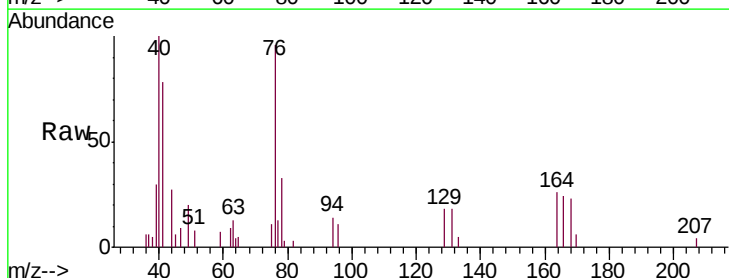
Instrument :
 MSVOA_U
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2019

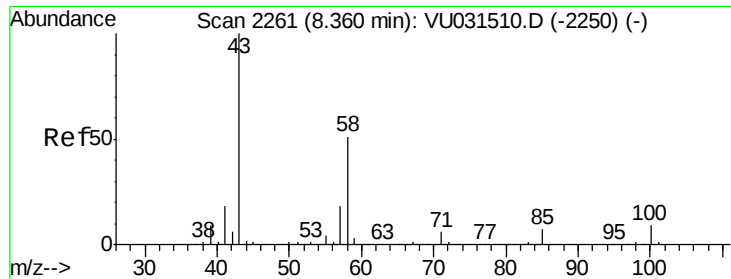
Tgt Ion:	97	Resp:	3844
Ion	Ratio	Lower	Upper
97	100		
83	104.0	74.8	112.2
85	67.9	48.3	72.5
99	62.0	51.8	77.8



#53
 1,3-Dichloropropane
 Concen: 0.219 ug/l
 RT: 8.25 min Scan# 2226
 Delta R.T. 0.01 min
 Lab File: VU031514.D
 Acq: 26 Apr 2019 00:17

Tgt Ion:	76	Resp:	5729
Ion	Ratio	Lower	Upper
76	100		
78	35.6	25.7	38.5

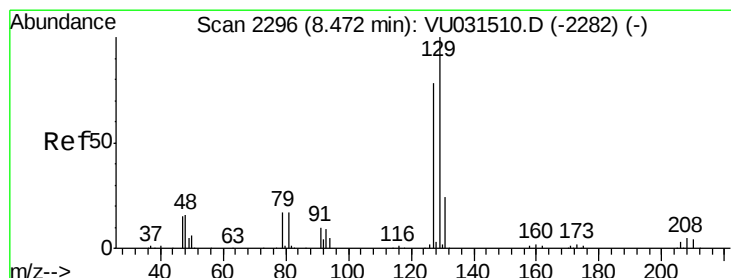
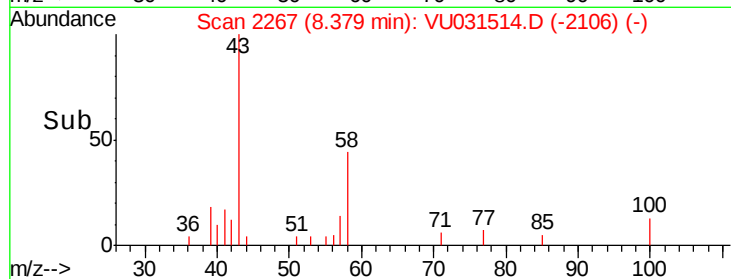
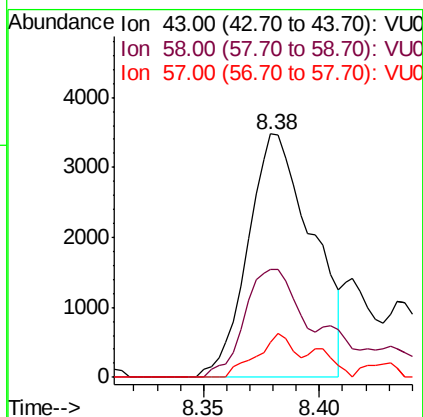
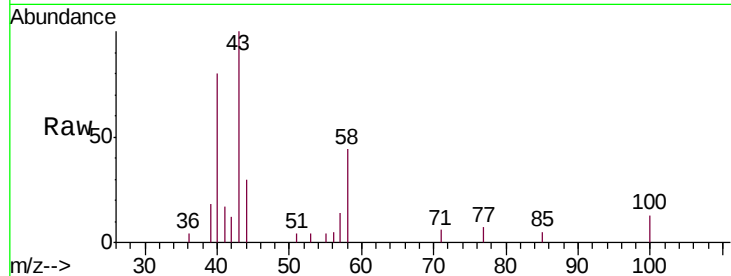




#54
2-Hexanone
Concen: 0.728 ug/l
RT: 8.38 min Scan# 2267
Delta R.T. 0.02 min
Lab File: VU031514.D
Acq: 26 Apr 2019 00:17

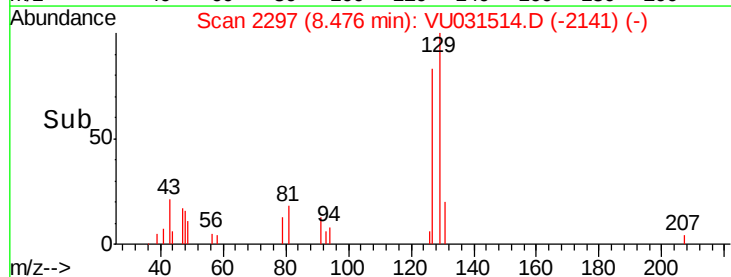
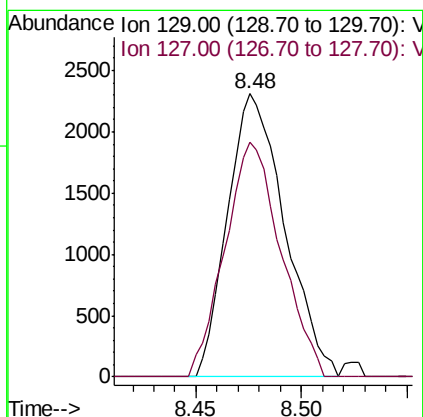
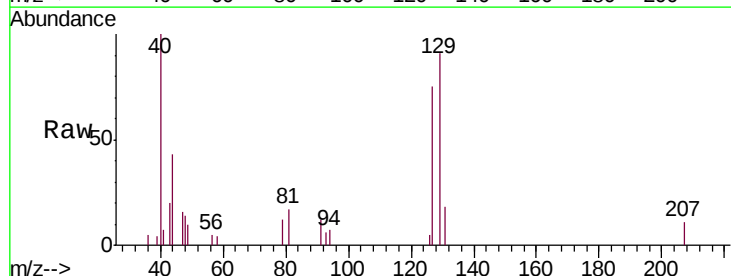
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019

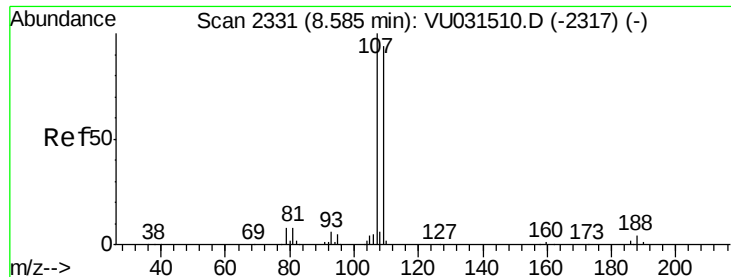
Tgt Ion: 43 Resp: 6699
Ion Ratio Lower Upper
43 100
58 38.4 30.3 70.3
57 10.2 0.0 37.8



#55
Dibromochloromethane
Concen: 0.259 ug/l
RT: 8.48 min Scan# 2297
Delta R.T. 0.00 min
Lab File: VU031514.D
Acq: 26 Apr 2019 00:17

Tgt Ion: 129 Resp: 4341
Ion Ratio Lower Upper
129 100
127 81.0 62.6 94.0





#56

1,2-Dibromoethane

Concen: 0.232 ug/l

RT: 8.59 min Scan# 2333

Delta R.T. 0.01 min

Lab File: VU031514.D

Acq: 26 Apr 2019 00:17

Instrument :

MSVOA_U

ClientSampleId :

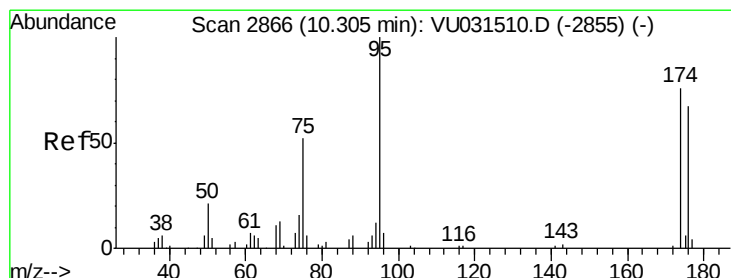
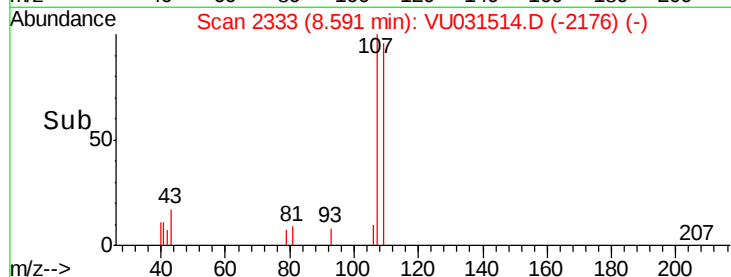
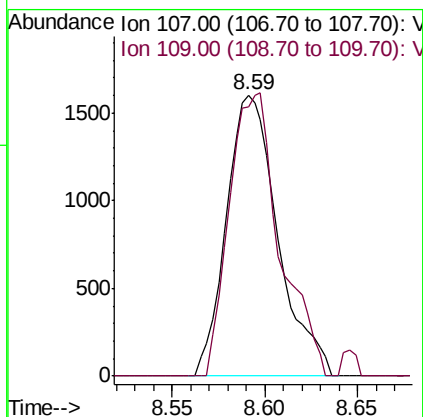
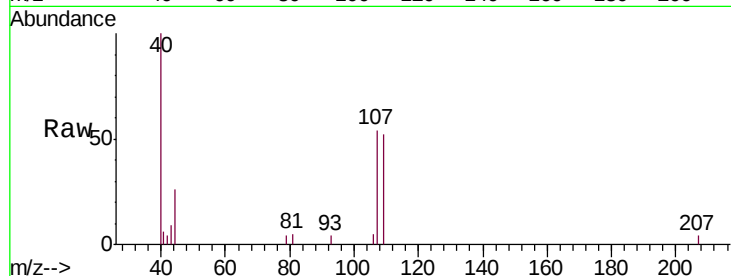
LOD-MDL-WATER-01-QT2-2019

Tgt Ion: 107 Resp: 3089

Ion Ratio Lower Upper

107 100

109 98.7 0.0 186.0



#57

4-Bromofluorobenzene

Concen: 0.232 ug/l

RT: 10.31 min Scan# 2867

Delta R.T. 0.00 min

Lab File: VU031514.D

Acq: 26 Apr 2019 00:17

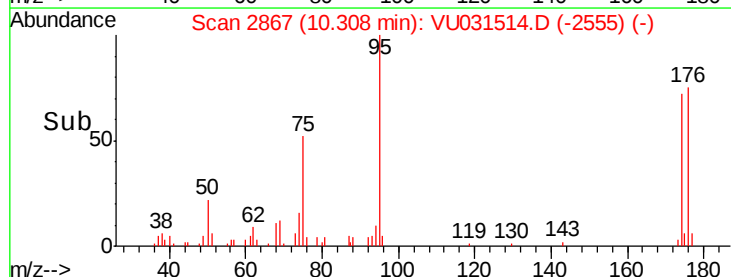
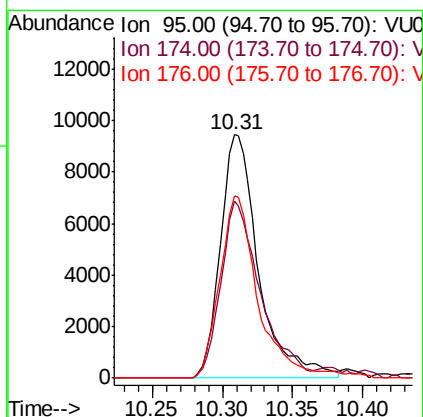
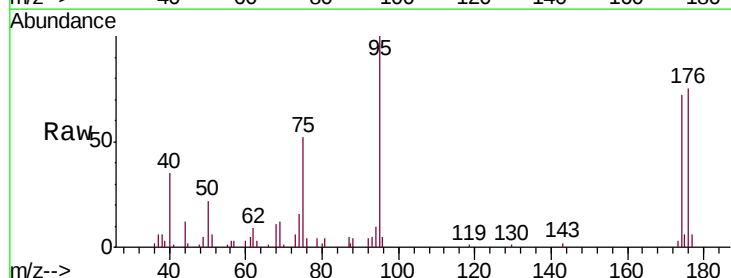
Tgt Ion: 95 Resp: 17849

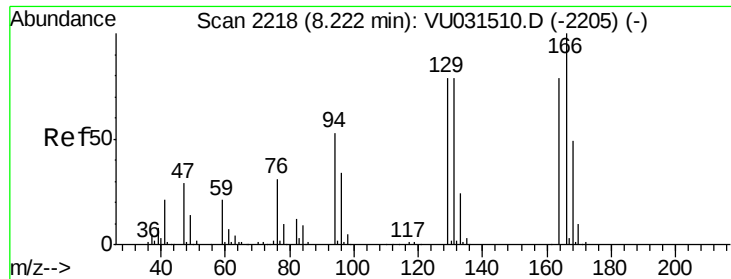
Ion Ratio Lower Upper

95 100

174 74.8 57.9 86.9

176 73.9 54.0 81.0

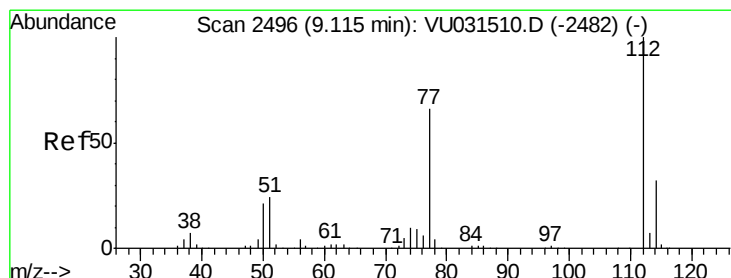
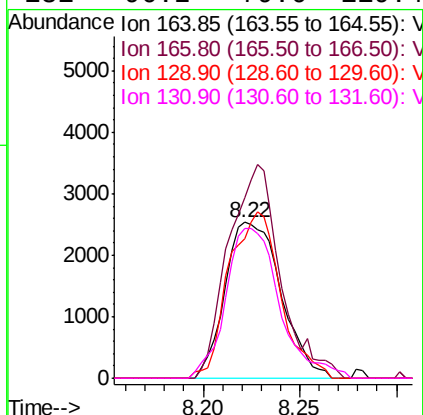
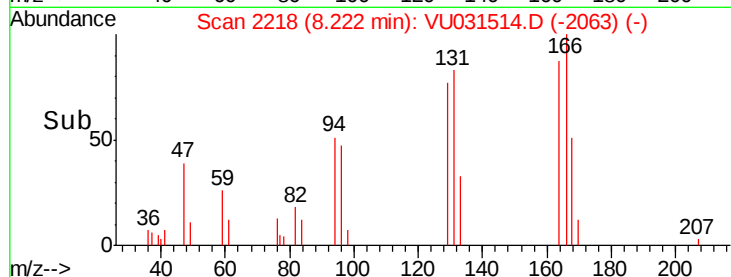
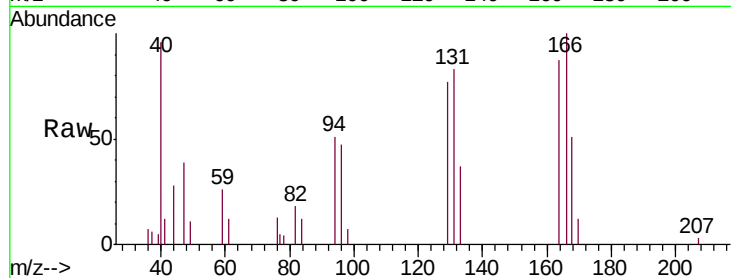




#58
Tetrachloroethene
Concen: 0.263 ug/l
RT: 8.22 min Scan# 2218
Delta R.T. -0.00 min
Lab File: VU031514.D
Acq: 26 Apr 2019 00:17

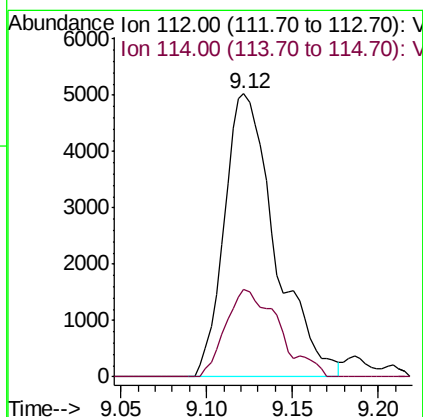
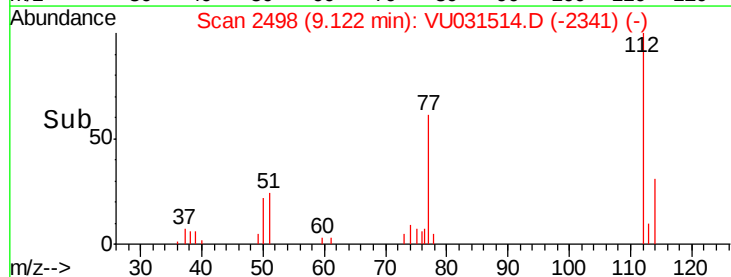
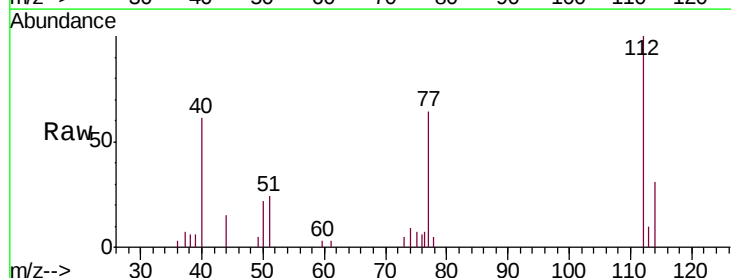
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019

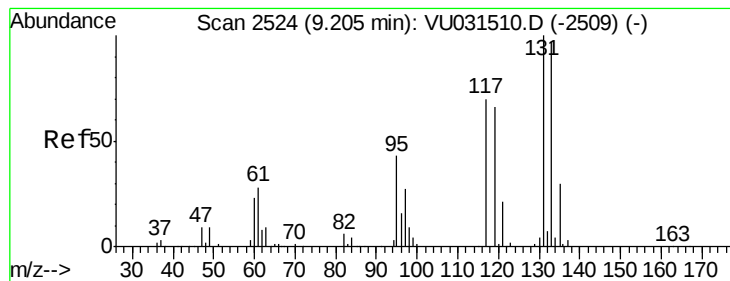
Tgt Ion:	164	Resp:	5096
Ion	Ratio	Lower	Upper
164	100		
166	115.6	101.2	151.8
129	89.2	80.2	120.4
131	96.2	79.6	119.4



#59
Chlorobenzene
Concen: 0.232 ug/l
RT: 9.12 min Scan# 2498
Delta R.T. 0.01 min
Lab File: VU031514.D
Acq: 26 Apr 2019 00:17

Tgt Ion:	112	Resp:	10376
Ion	Ratio	Lower	Upper
112	100		
114	31.0	25.8	38.6





#60

1,1,1,2-Tetrachloroethane

Concen: 0.268 ug/l

RT: 9.21 min Scan# 2525

Delta R.T. 0.00 min

Lab File: VU031514.D

Acq: 26 Apr 2019 00:17

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

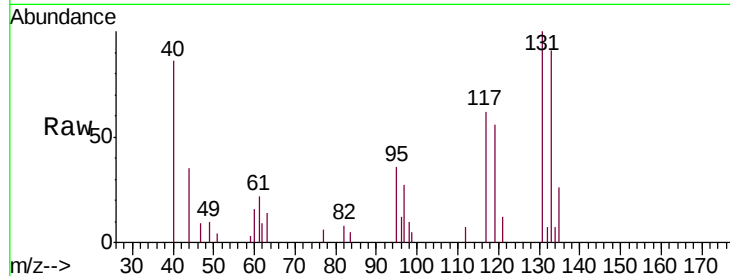
Tgt Ion:131 Resp: 4688

Ion Ratio Lower Upper

131 100

133 107.8 77.7 116.5

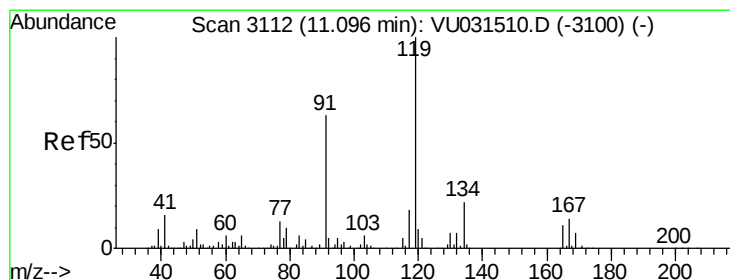
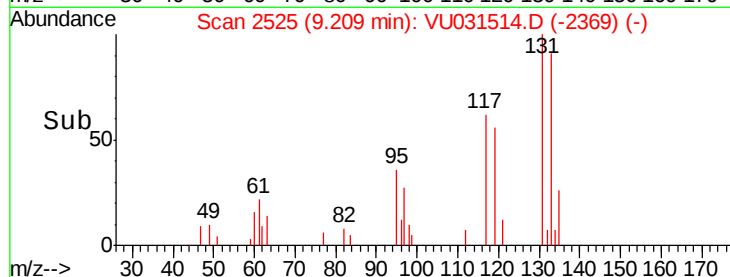
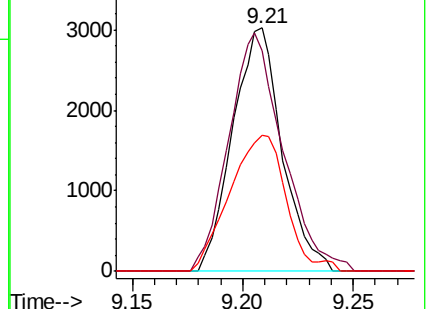
119 64.1 53.4 80.0



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#61

Pentachloroethane

Concen: 0.235 ug/l

RT: 11.10 min Scan# 3113

Delta R.T. 0.00 min

Lab File: VU031514.D

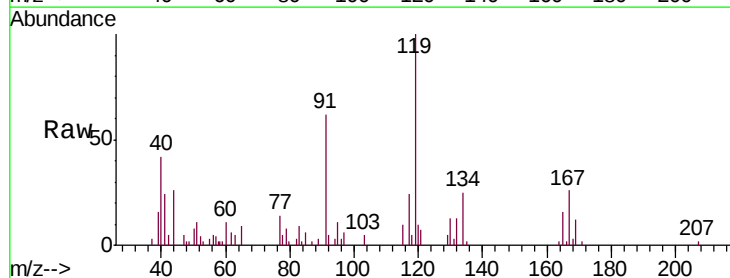
Acq: 26 Apr 2019 00:17

Tgt Ion:117 Resp: 2913

Ion Ratio Lower Upper

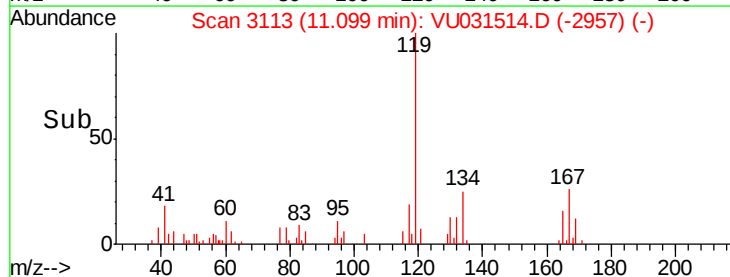
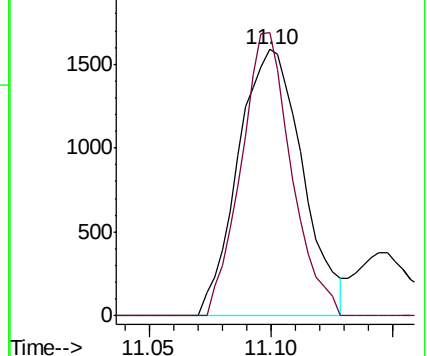
117 100

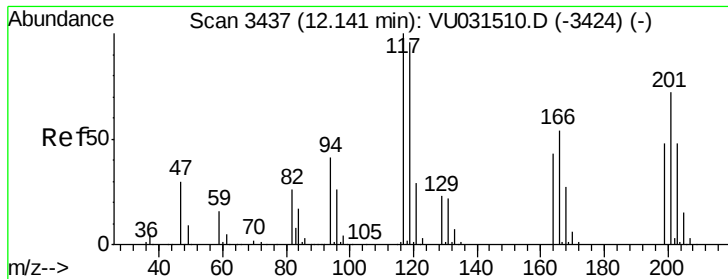
167 82.8 62.5 93.7



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 166.70 (166.40 to 167.40): V





#62

Hexachloroethane

Concen: 0.249 ug/l

RT: 12.14 min Scan# 3437

Delta R.T. -0.00 min

Lab File: VU031514.D

Acq: 26 Apr 2019 00:17

Instrument :

MSVOA_U

ClientSampleId :

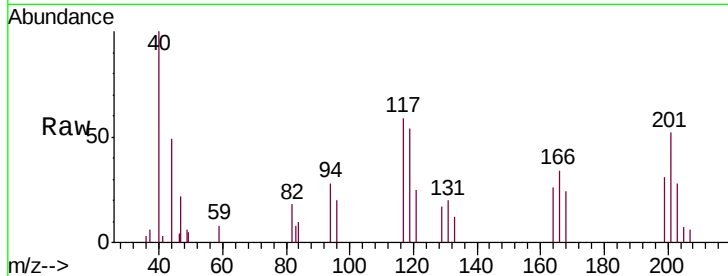
LOD-MDL-WATER-01-QT2-2019

Tgt Ion:117 Resp: 3033

Ion Ratio Lower Upper

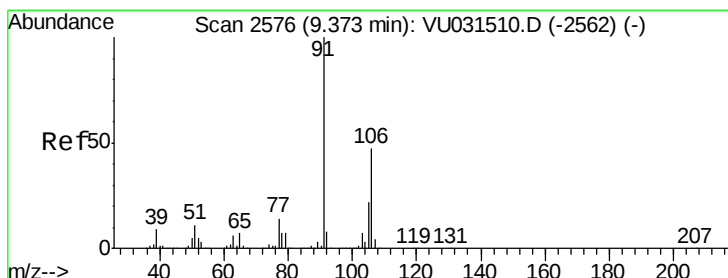
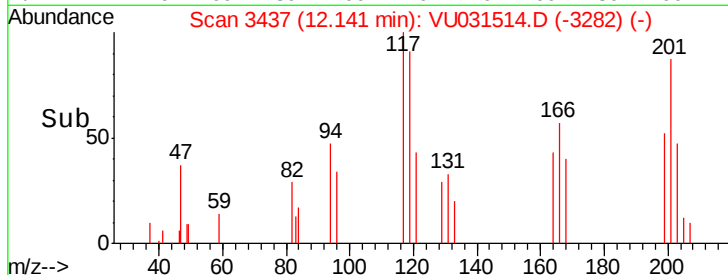
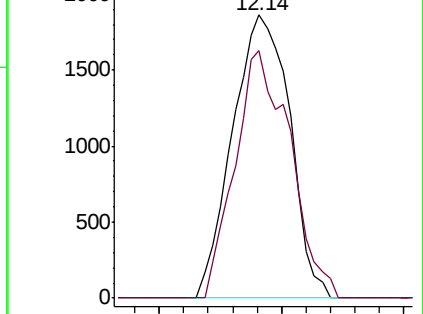
117 100

201 84.3 60.0 90.0



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.60 (200.30 to 201.30): V



#64

m/p-Xylenes

Concen: 0.340 ug/l

RT: 9.38 min Scan# 2577

Delta R.T. 0.00 min

Lab File: VU031514.D

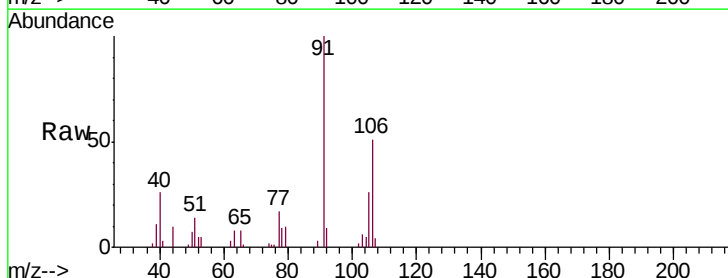
Acq: 26 Apr 2019 00:17

Tgt Ion:106 Resp: 9329

Ion Ratio Lower Upper

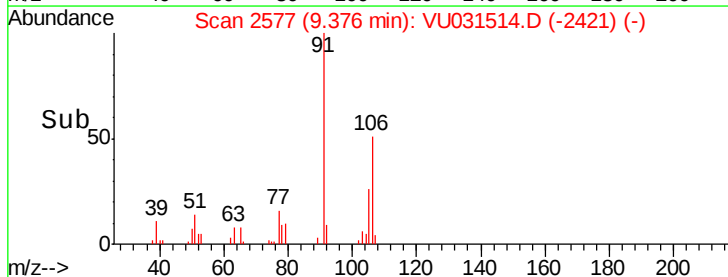
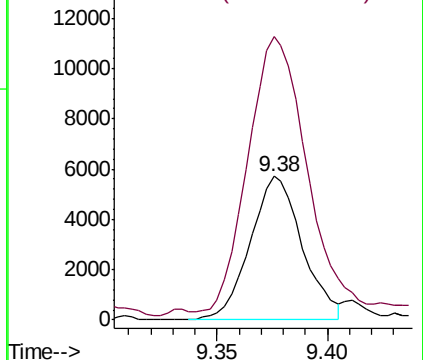
106 100

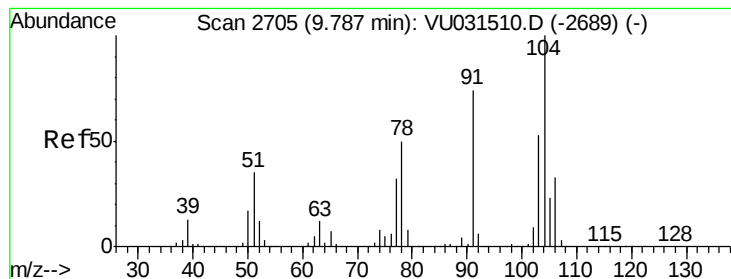
91 214.6 171.0 256.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0





#66

Styrene

Concen: 0.450 ug/l

RT: 9.80 min Scan# 2708

Delta R.T. 0.01 min

Lab File: VU031514.D

Acq: 26 Apr 2019 00:17

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

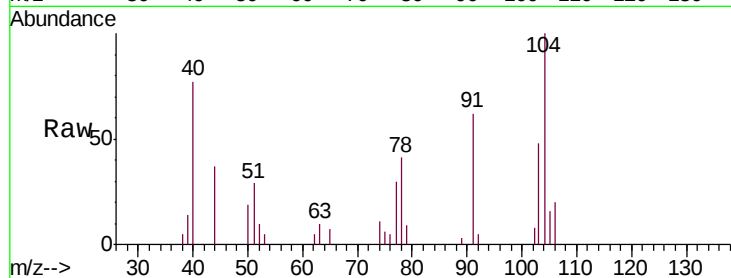
Tgt Ion:104 Resp: 7825

Ion Ratio Lower Upper

104 100

78 60.0 42.5 63.7

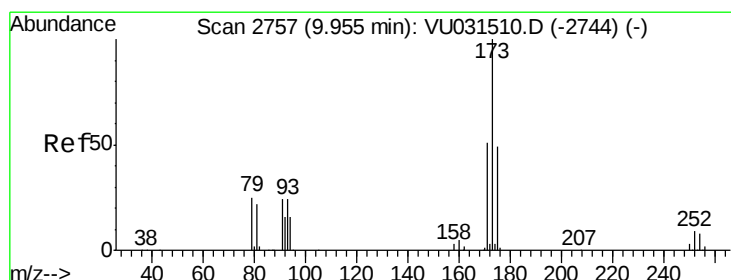
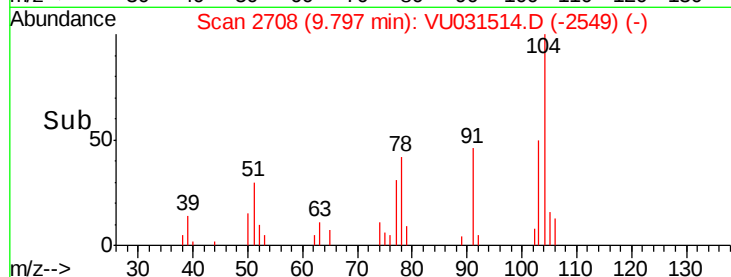
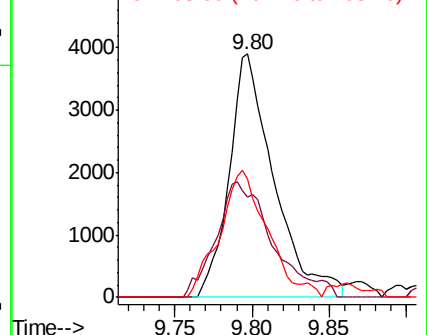
103 53.8 44.5 66.7



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VU0

Ion 103.00 (102.70 to 103.70): V



#67

Bromoform

Concen: 0.230 ug/l

RT: 9.96 min Scan# 2758

Delta R.T. 0.00 min

Lab File: VU031514.D

Acq: 26 Apr 2019 00:17

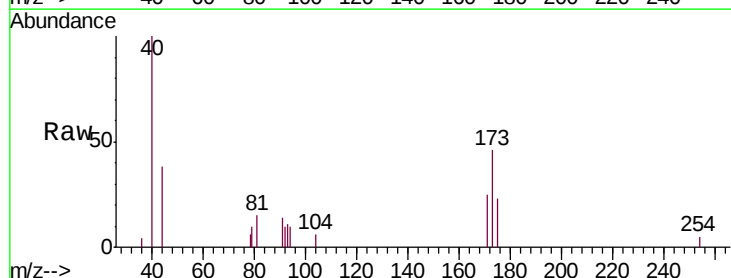
Tgt Ion:173 Resp: 2162

Ion Ratio Lower Upper

173 100

175 0.0 38.7 58.1#

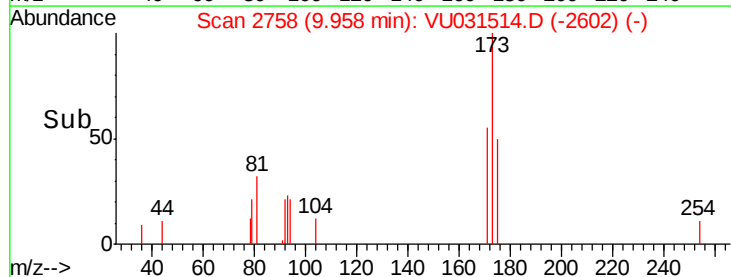
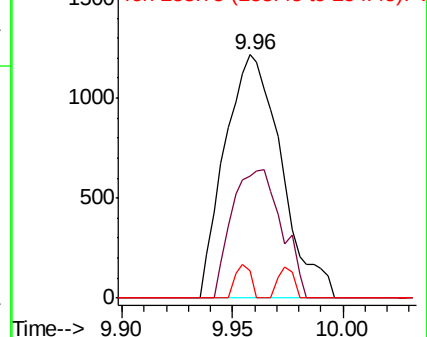
254 3.7 6.0 9.0#

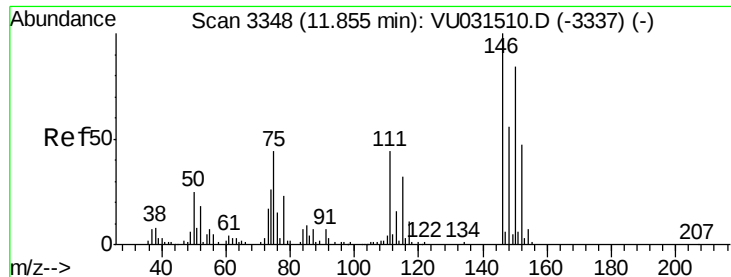


Abundance Ion 172.90 (172.60 to 173.60): V

Ion 174.90 (174.60 to 175.60): V

Ion 253.75 (253.45 to 254.45): V

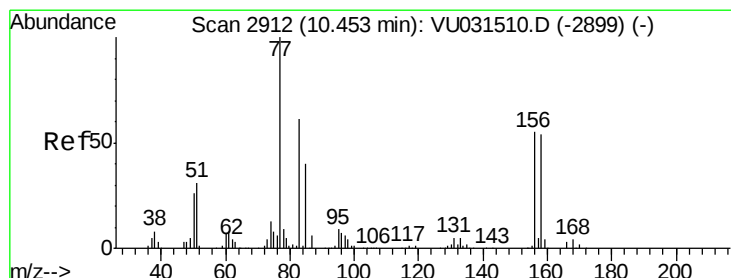
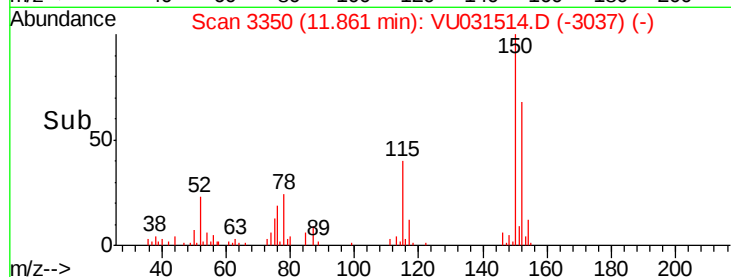
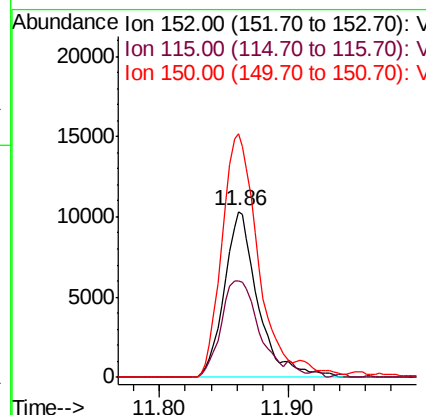
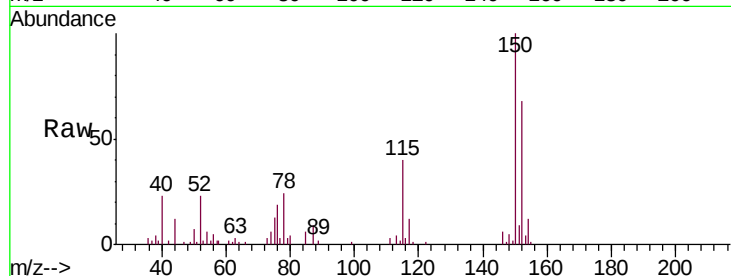




#68
 1,2-Dichlorobenzene-d4
 Concen: 0.230 ug/l
 RT: 11.86 min Scan# 3350
 Delta R.T. 0.01 min
 Lab File: VU031514.D
 Acq: 26 Apr 2019 00:17

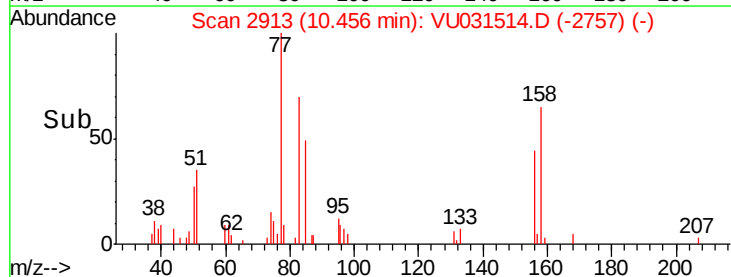
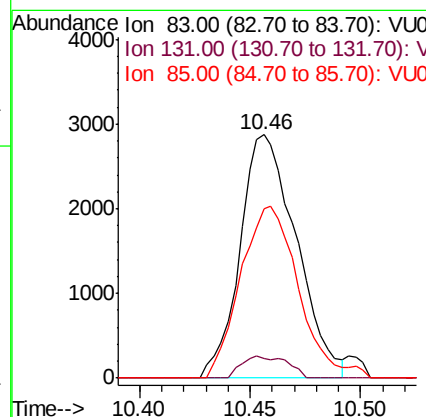
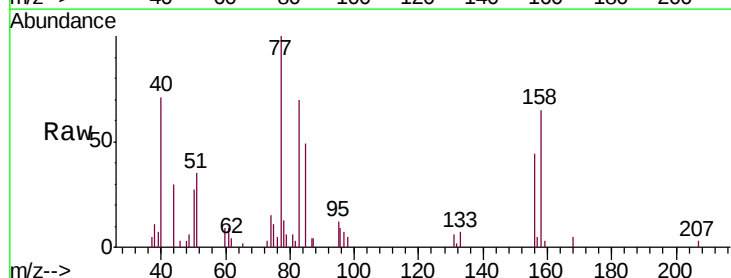
Instrument :
 MSVOA_U
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2019

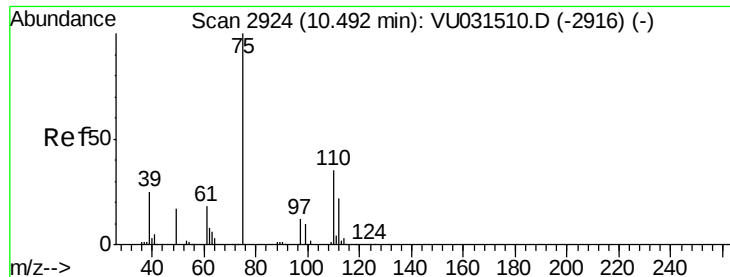
Tgt Ion:152 Resp: 18643
 Ion Ratio Lower Upper
 152 100
 115 64.8 0.0 123.2
 150 154.2 0.0 658.2



#70
 1,1,2,2-Tetrachloroethane
 Concen: 0.266 ug/l
 RT: 10.46 min Scan# 2913
 Delta R.T. 0.00 min
 Lab File: VU031514.D
 Acq: 26 Apr 2019 00:17

Tgt Ion: 83 Resp: 5096
 Ion Ratio Lower Upper
 83 100
 131 7.3 7.2 10.8
 85 72.7 52.8 79.2





#71

1,2,3-Trichloropropane

Concen: 0.340 ug/l

RT: 10.49 min Scan# 2925

Delta R.T. 0.00 min

Lab File: VU031514.D

Acq: 26 Apr 2019 00:17

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

Tgt Ion: 75 Resp: 4746

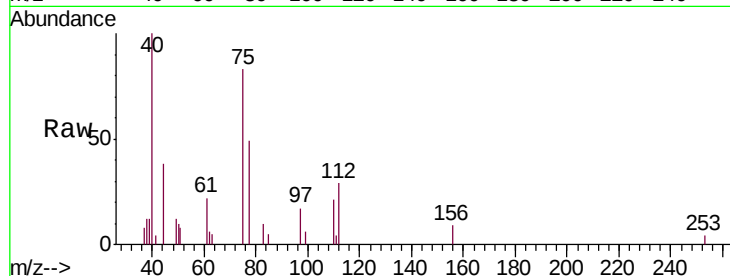
Ion Ratio Lower Upper

75 100

77 7.3 0.0 0.0#

110 22.4 0.0 68.2

97 11.3 0.0 36.6

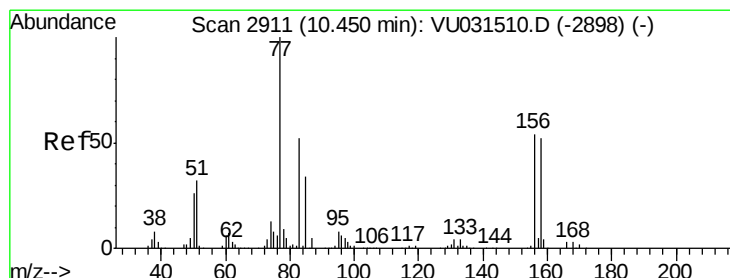
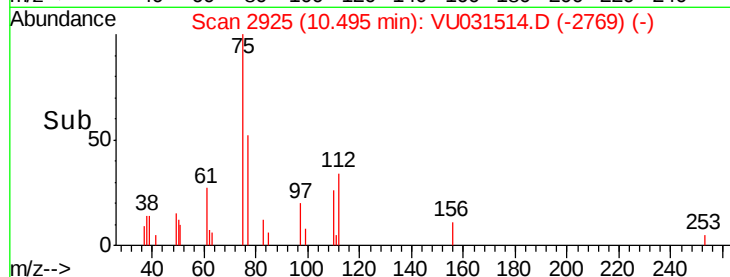
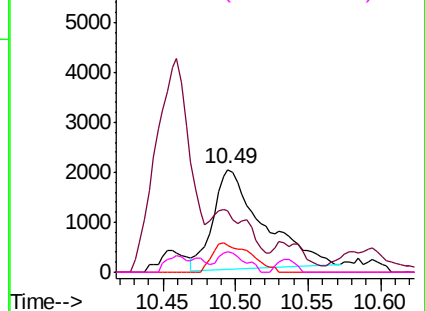


Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

Ion 110.00 (109.70 to 110.70): V

Ion 97.00 (96.70 to 97.70): VU0



#72

Bromobenzene

Concen: 0.224 ug/l

RT: 10.46 min Scan# 2913

Delta R.T. 0.01 min

Lab File: VU031514.D

Acq: 26 Apr 2019 00:17

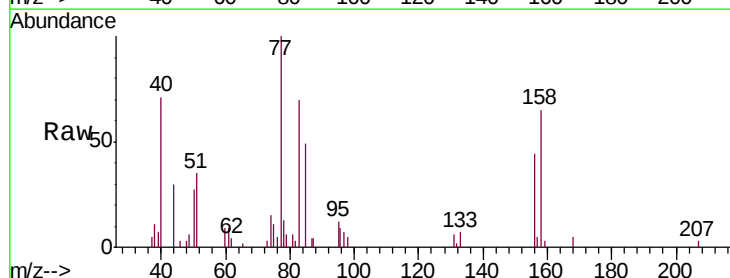
Tgt Ion: 156 Resp: 3962

Ion Ratio Lower Upper

156 100

77 179.0 0.0 353.4

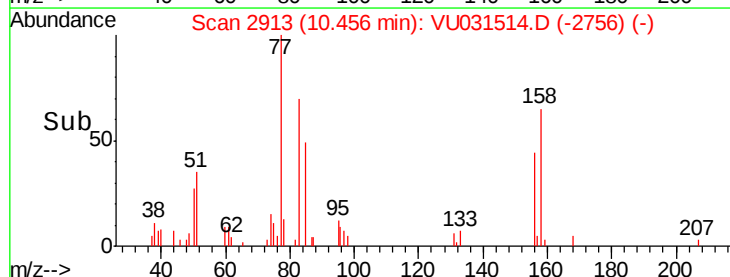
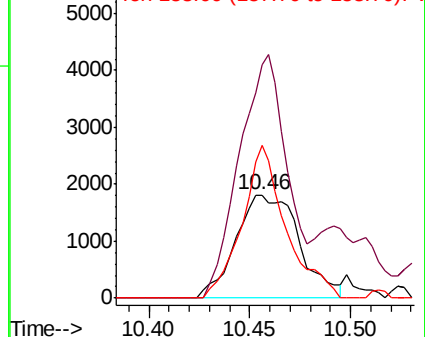
158 102.5 0.0 190.6

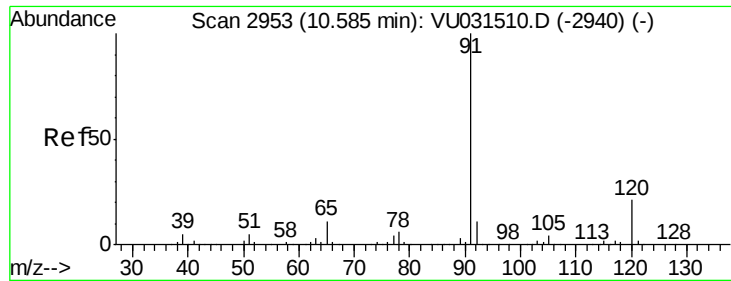


Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VU0

Ion 158.00 (157.70 to 158.70): V





#73

n-propylbenzene

Concen: 0.210 ug/l

RT: 10.59 min Scan# 2954

Delta R.T. 0.00 min

Lab File: VU031514.D

Acq: 26 Apr 2019 00:17

Instrument :

MSVOA_U

ClientSampleId :

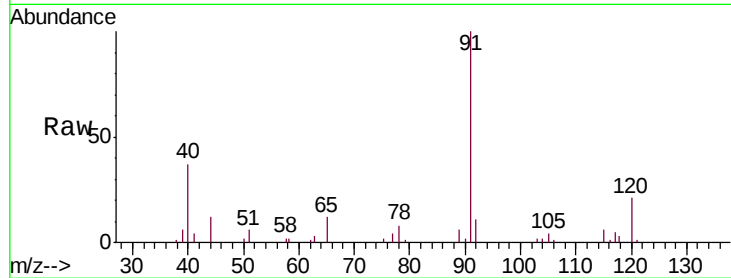
LOD-MDL-WATER-01-QT2-2019

Tgt Ion:120 Resp: 3799

Ion Ratio Lower Upper

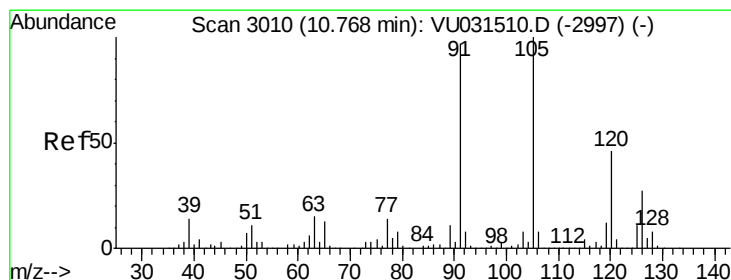
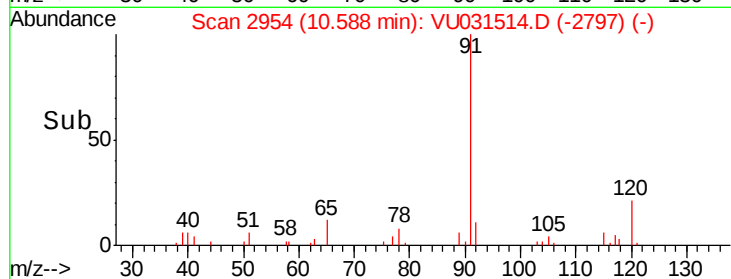
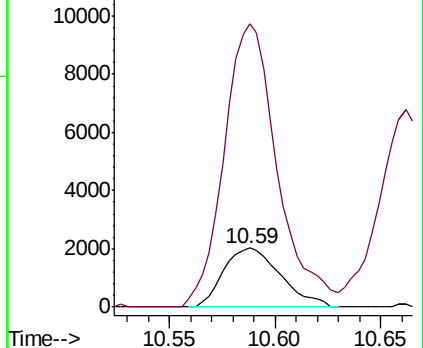
120 100

91 449.6 373.9 560.9



Abundance Ion 120.00 (119.70 to 120.70): V

Ion 91.00 (90.70 to 91.70): VU0



#75

1,3,5-Trimethylbenzene

Concen: 0.374 ug/l

RT: 10.77 min Scan# 3011

Delta R.T. 0.00 min

Lab File: VU031514.D

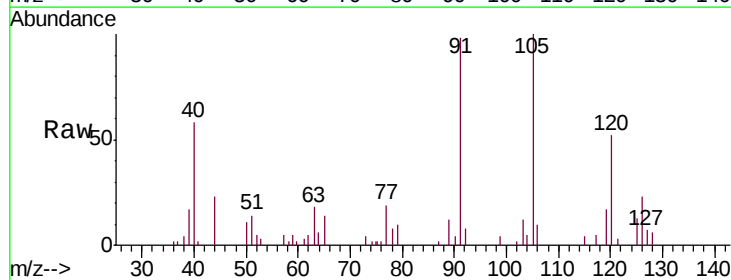
Acq: 26 Apr 2019 00:17

Tgt Ion:105 Resp: 10480

Ion Ratio Lower Upper

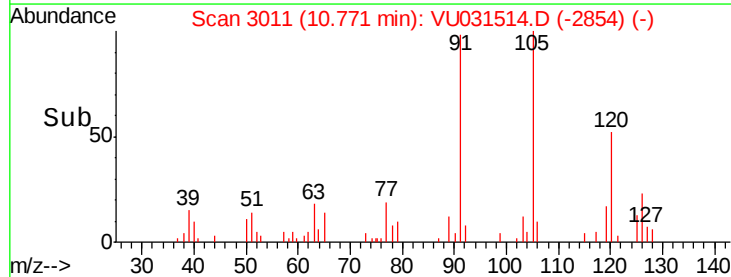
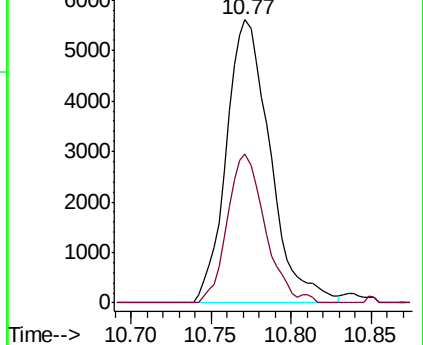
105 100

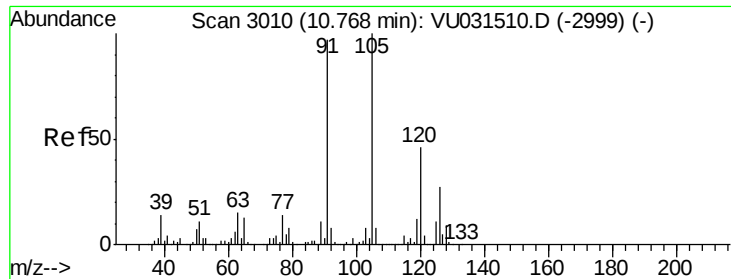
120 45.1 36.8 55.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#76

4-Chlorotoluene

Concen: 0.309 ug/l

RT: 10.77 min Scan# 3012

Delta R.T. 0.01 min

Lab File: VU031514.D

Acq: 26 Apr 2019 00:17

Instrument :

MSVOA_U

ClientSampleId :

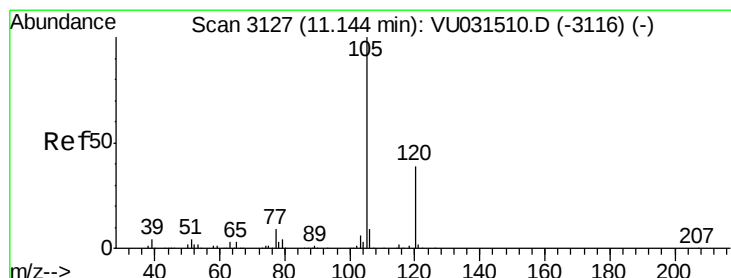
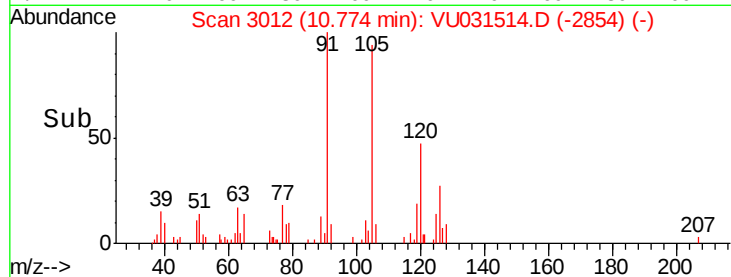
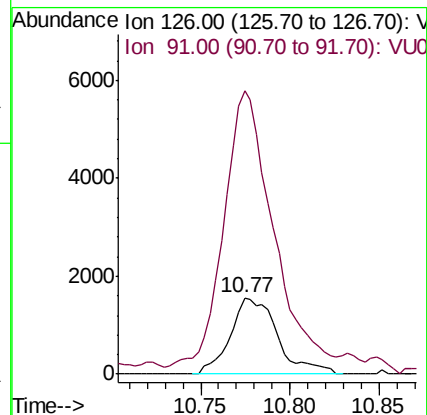
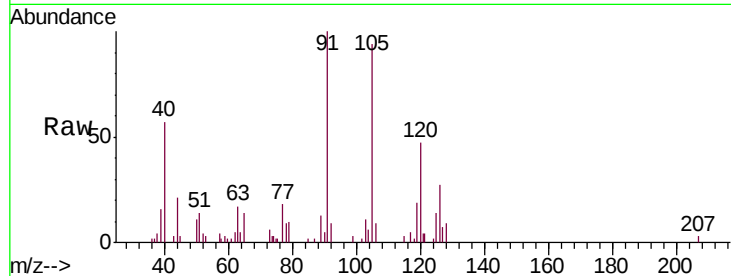
LOD-MDL-WATER-01-QT2-2019

Tgt Ion:126 Resp: 2878

Ion Ratio Lower Upper

126 100

91 374.4 0.0 732.0



#78

1,2,4-Trimethylbenzene

Concen: 0.384 ug/l

RT: 11.15 min Scan# 3129

Delta R.T. 0.01 min

Lab File: VU031514.D

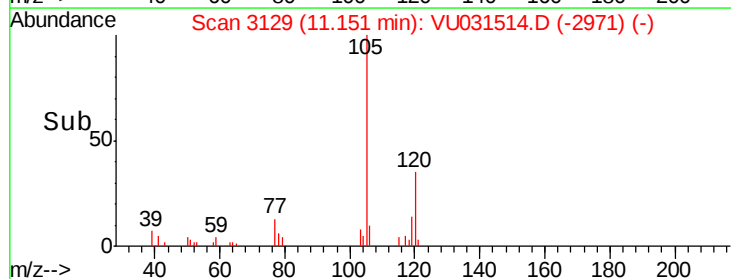
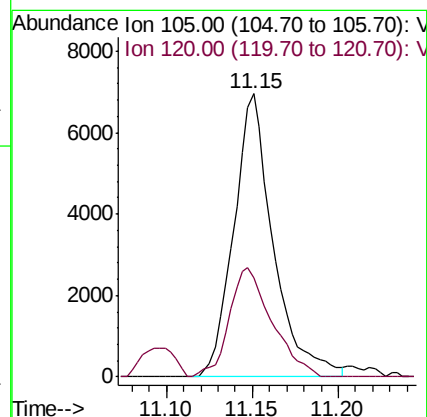
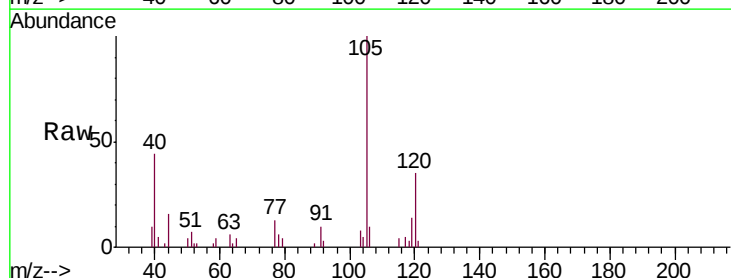
Acq: 26 Apr 2019 00:17

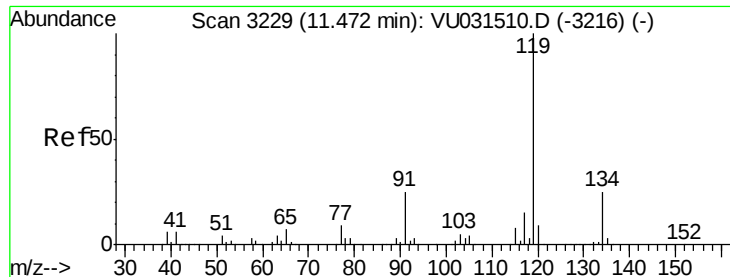
Tgt Ion:105 Resp: 11123

Ion Ratio Lower Upper

105 100

120 41.3 21.6 65.0





#81

p-Isopropyltoluene

Concen: 0.417 ug/l

RT: 11.48 min Scan# 3230

Delta R.T. 0.00 min

Lab File: VU031514.D

Acq: 26 Apr 2019 00:17

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

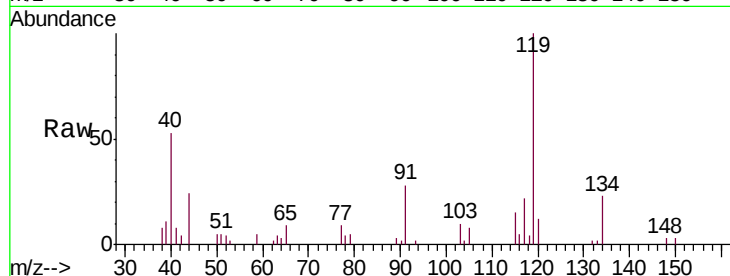
Tgt Ion:119 Resp: 10341

Ion Ratio Lower Upper

119 100

134 25.3 20.3 30.5

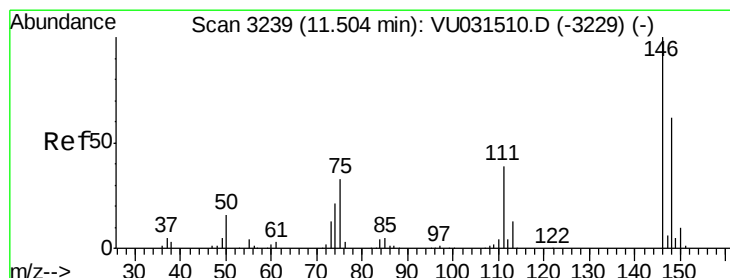
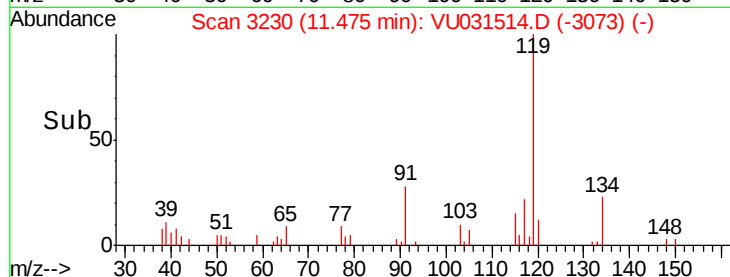
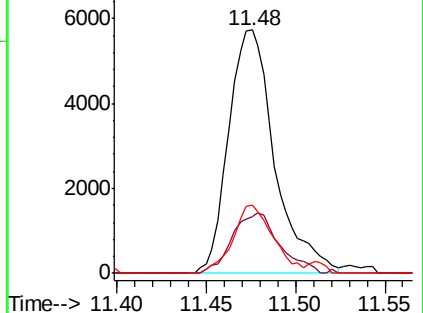
91 24.4 20.3 30.5



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V



#83

1,4-Dichlorobenzene

Concen: 0.204 ug/l

RT: 11.51 min Scan# 3242

Delta R.T. 0.01 min

Lab File: VU031514.D

Acq: 26 Apr 2019 00:17

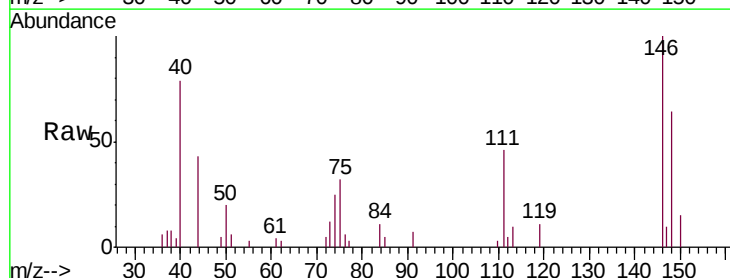
Tgt Ion:146 Resp: 6874

Ion Ratio Lower Upper

146 100

111 46.3 32.2 48.4

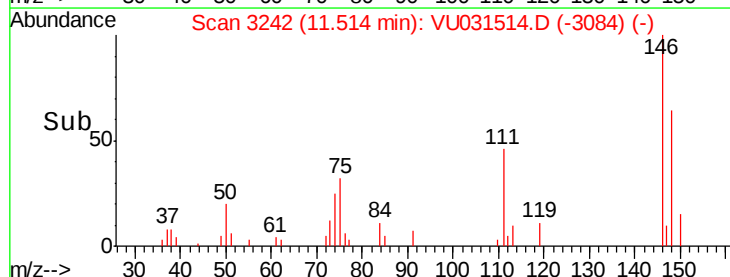
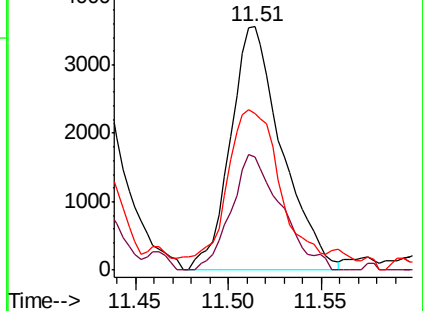
148 57.1 51.2 76.8

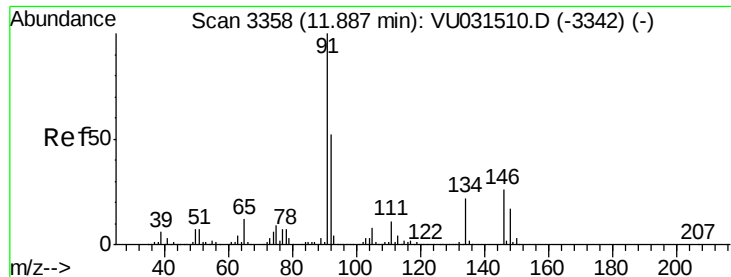


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

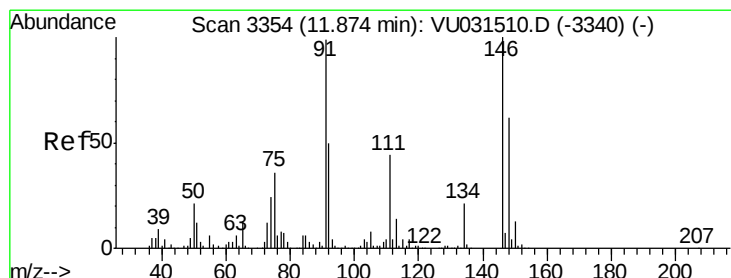
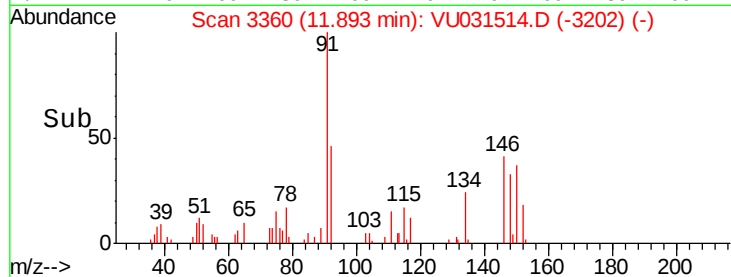
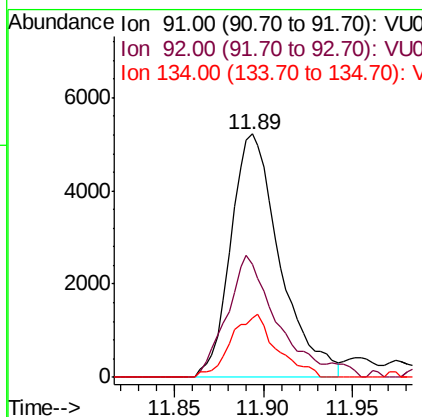
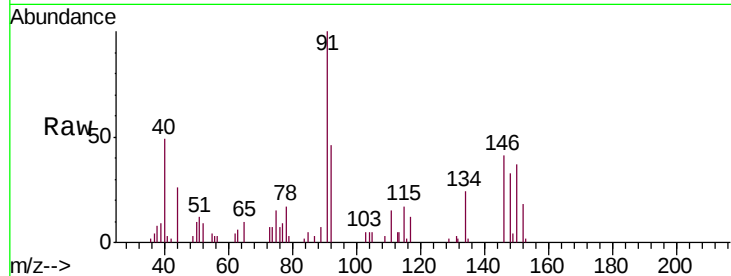




#84
n-Butylbenzene
Concen: 0.494 ug/l
RT: 11.89 min Scan# 3360
Delta R.T. 0.01 min
Lab File: VU031514.D
Acq: 26 Apr 2019 00:17

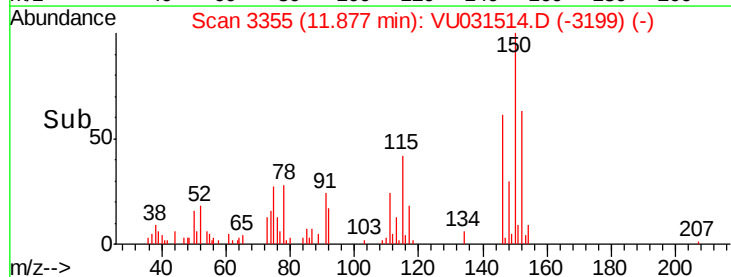
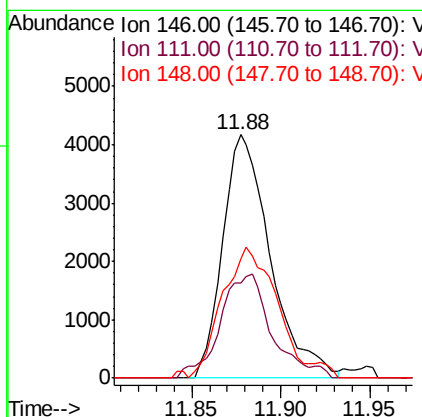
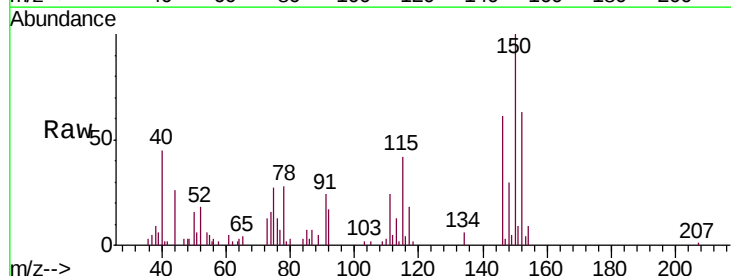
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019

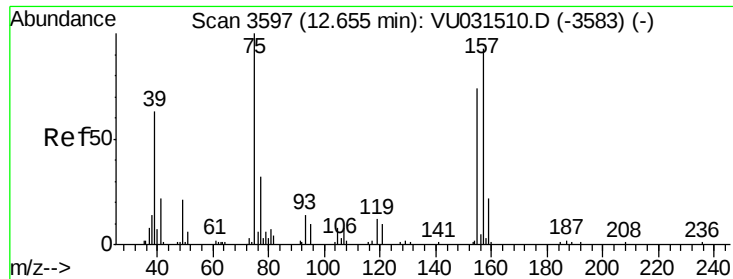
Tgt Ion: 91 Resp: 10005
Ion Ratio Lower Upper
91 100
92 49.7 41.2 61.8
134 23.9 18.1 27.1



#85
1,2-Dichlorobenzene
Concen: 0.233 ug/l
RT: 11.88 min Scan# 3355
Delta R.T. 0.00 min
Lab File: VU031514.D
Acq: 26 Apr 2019 00:17

Tgt Ion: 146 Resp: 7766
Ion Ratio Lower Upper
146 100
111 46.2 21.7 65.1
148 63.1 31.6 94.7

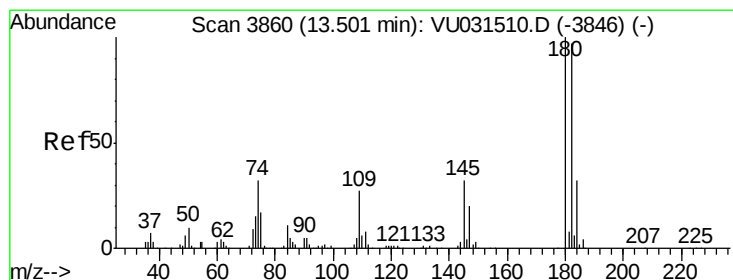
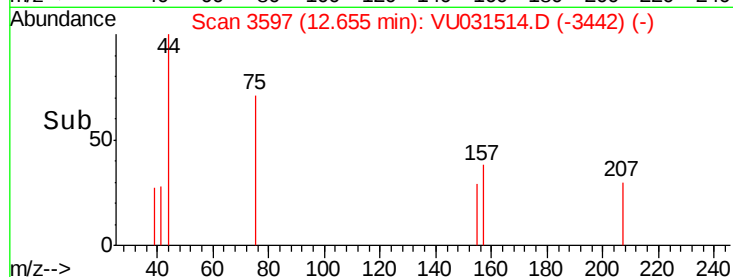
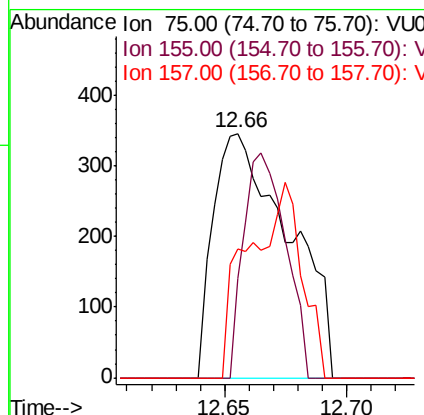
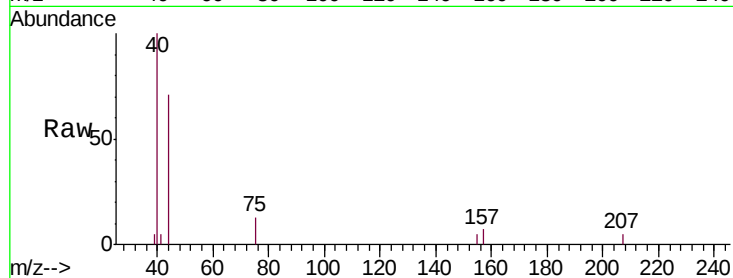




#86
 1,2-Dibromo-3-Chloropropane
 Concen: 0.269 ug/l
 RT: 12.66 min Scan# 3597
 Delta R.T. -0.00 min
 Lab File: VU031514.D
 Acq: 26 Apr 2019 00:17

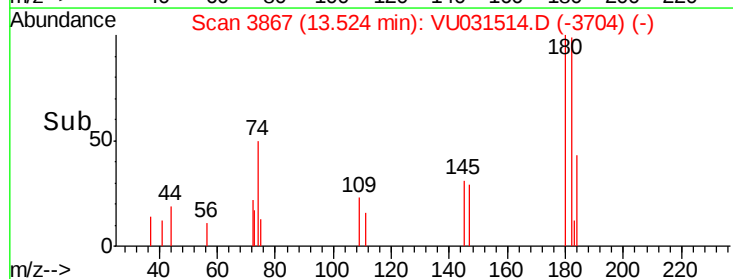
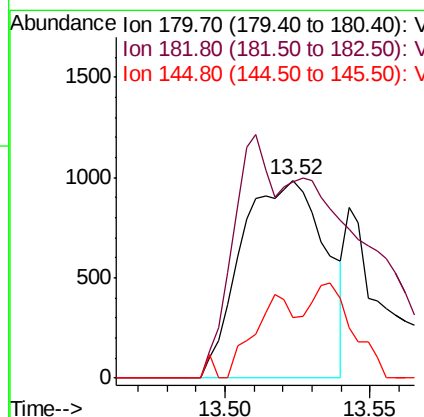
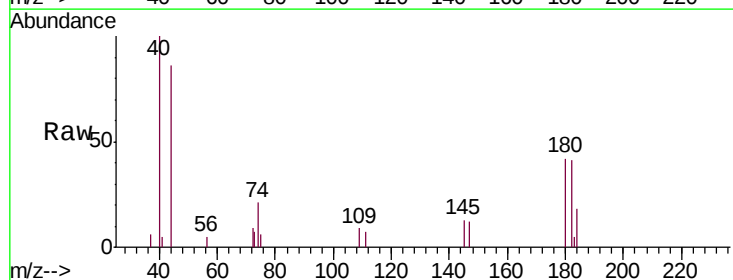
Instrument :
 MSVOA_U
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2019

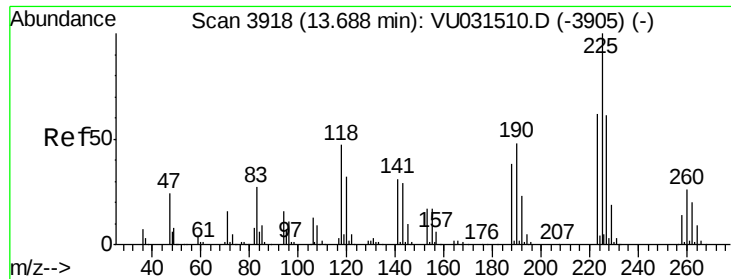
Tgt Ion: 75 Resp: 741
 Ion Ratio Lower Upper
 75 100
 155 51.3 58.5 87.7#
 157 56.8 75.0 112.4#



#87
 1,2,4-Trichlorobenzene
 Concen: 0.478 ug/l
 RT: 13.52 min Scan# 3867
 Delta R.T. 0.02 min
 Lab File: VU031514.D
 Acq: 26 Apr 2019 00:17

Tgt Ion: 180 Resp: 1987
 Ion Ratio Lower Upper
 180 100
 182 59.1 75.5 113.3#
 145 19.5 23.9 35.9#





#88

Hexachlorobutadiene

Concen: 0.265 ug/l

RT: 13.69 min Scan# 3919

Delta R.T. 0.00 min

Lab File: VU031514.D

Acq: 26 Apr 2019 00:17

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

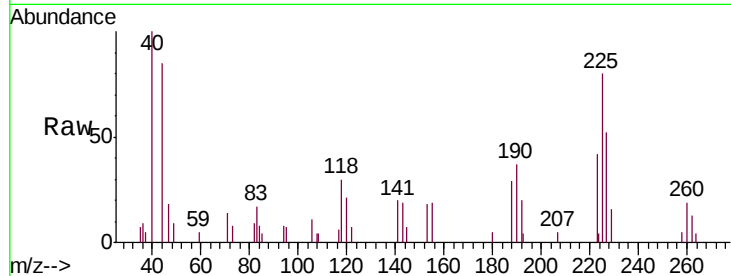
Tgt Ion:225 Resp: 3239

Ion Ratio Lower Upper

225 100

223 62.6 50.2 75.4

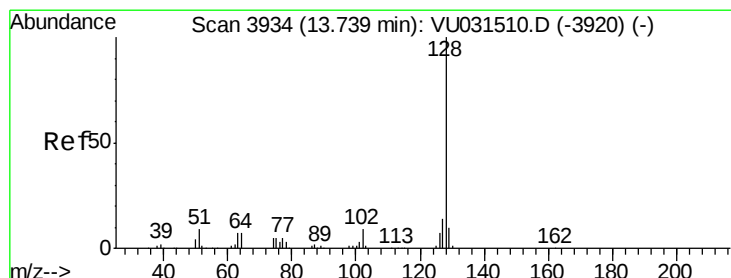
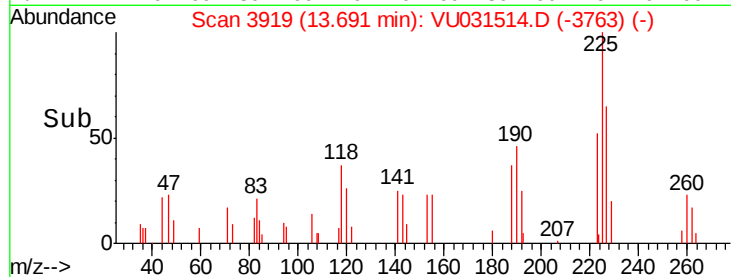
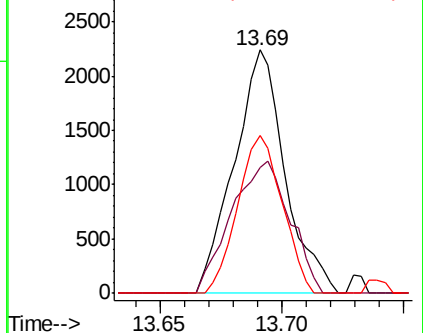
227 56.7 50.4 75.6



Abundance Ion 224.60 (224.30 to 225.30): V

Ion 222.60 (222.30 to 223.30): V

Ion 226.60 (226.30 to 227.30): V



#89

Naphthalene

Concen: 0.671 ug/l

RT: 13.76 min Scan# 3940

Delta R.T. 0.02 min

Lab File: VU031514.D

Acq: 26 Apr 2019 00:17

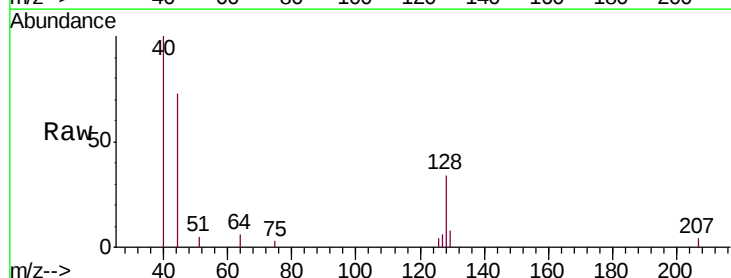
Tgt Ion:128 Resp: 1798

Ion Ratio Lower Upper

128 100

127 6.6 10.8 16.2#

129 9.2 8.2 12.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

