

Data File : VU033372.D
Acq On : 23 Jul 2019 11:00
Operator : JC/SP
Sample : K3591-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

Quant Time: Jul 24 02:50:48 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U072219DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Wed Jul 24 02:46:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	5.72	96	26743	1.00	ug/l	0.00

System Monitoring Compounds

57) 4-Bromofluorobenzene	10.30	95	8920	0.85	ug/l	0.00
Spiked Amount	1.000		Recovery	=	85.00%	
68) 1,2-Dichlorobenzene-d4	11.85	152	9550	0.88	ug/l	0.00
Spiked Amount	1.000		Recovery	=	88.00%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	2861	0.259 ug/l	91
3) Chloromethane	1.33	50	3771	0.309 ug/l	100
4) Vinyl Chloride	1.40	62	3575	0.262 ug/l	93
5) Bromomethane	1.62	94	2971	0.346 ug/l	99
6) Chloroethane	1.69	64	2356	0.246 ug/l	90
7) Trichlorofluoromethane	1.88	101	4824	0.258 ug/l	97
8) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2514	0.261 ug/l	98
9) 1,1-Dichloroethene	2.27	96	2814	0.296 ug/l	99
11) Allyl Chloride	2.58	41	4262	0.272 ug/l	92
12) Acrylonitrile	2.93	53	1967	0.742 ug/l #	64
13) Acetone	2.32	43	4295	1.898 ug/l	95
14) Carbon Disulfide	2.46	76	9509	0.263 ug/l	96
15) Methylene Chloride	2.68	84	4353	0.340 ug/l	98
16) trans-1,2-Dichloroethene	2.96	96	3266	0.289 ug/l	94
17) 1,1-Dichloroethane	3.42	63	4029	0.266 ug/l #	93
18) 2-Butanone	4.27	43	681	0.315 ug/l	76
19) Cyclohexane	4.97	56	2586	0.233 ug/l	95
20) Methylcyclohexane	6.39	83	2472	0.221 ug/l	90
21) 2,2-Dichloropropane	4.20	77	4131	0.322 ug/l	93
22) cis-1,2-Dichloroethene	4.20	96	2120	0.248 ug/l #	68
23) Diethyl Ether	2.09	59	2222	0.271 ug/l	93
24) tert-Butyl Alcohol	2.83	59	2104	1.672 ug/l #	82
25) Methyl tert-Butyl Ether	2.99	73	7208	0.263 ug/l	94
26) Bromochloromethane	4.53	128	860	0.229 ug/l	93
27) Chloroform	4.65	83	6779	0.392 ug/l	97
28) 1,1,1-Trichloroethane	4.89	97	3734	0.279 ug/l	93
29) 1,1-Dichloropropene	5.11	75	2907	0.263 ug/l	93
30) Carbon Tetrachloride	5.10	117	2899	0.246 ug/l	98
31) Isopropyl Ether	3.56	45	4482	0.234 ug/l	80
32) Ethyl-t-butyl ether	4.05	59	4477	0.243 ug/l #	80
33) Tert-Amyl methyl ether	5.57	73	3476	0.210 ug/l	94
34) Propionitrile	4.34	54	253	0.408 ug/l #	55
35) Benzene	5.37	78	7574	0.237 ug/l	96
36) 1,2-Dichloroethane	5.39	62	2489	0.234 ug/l #	77
37) Trichloroethene	6.17	130	2180	0.259 ug/l	99
38) 1,2-Dichloropropane	6.41	63	2040	0.232 ug/l	91
42) 1-Chlorobutane	5.04	56	3646	0.246 ug/l	99
43) Dibromomethane	6.55	93	1287	0.264 ug/l	87
44) Bromodichloromethane	6.74	83	3256	0.277 ug/l	99
45) 4-Methyl-2-Pentanone	7.45	43	5565	1.119 ug/l #	87
46) t-1,4-Dichloro-2-butene	10.48	75	1278	0.637 ug/l #	59

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QLast Update : Wed Jul 24 02:46:51 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) Methyl methacrylate	6.62	69	1343	0.361	ug/l #	88
49) Toluene	7.62	92	3831	0.209	ug/l	95
50) t-1,3-Dichloropropene	7.87	75	1983	0.202	ug/l	91
51) cis-1,3-Dichloropropene	7.26	75	2525	0.218	ug/l #	92
52) 1,1,2-Trichloroethane	8.05	97	1345	0.206	ug/l #	74
53) 1,3-Dichloropropane	8.23	76	2544	0.231	ug/l	97
54) 2-Hexanone	8.36	43	3339	0.953	ug/l	83
55) Dibromochloromethane	8.47	129	1860	0.244	ug/l	100
56) 1,2-Dibromoethane	8.58	107	1327	0.218	ug/l	99
58) Tetrachloroethene	8.21	164	1956	0.256	ug/l	95
59) Chlorobenzene	9.11	112	4807	0.229	ug/l	96
60) 1,1,1,2-Tetrachloroethane	9.19	131	1905	0.239	ug/l #	91
61) Pentachloroethane	11.09	117	1572	0.240	ug/l	96
62) Hexachloroethane	12.13	117	1558	0.246	ug/l	92
63) Ethyl Benzene	9.23	91	6800	0.202	ug/l	99
64) m/p-Xylenes	9.36	106	4976	0.370	ug/l	100
67) Bromoform	9.95	173	959	0.233	ug/l #	79
70) 1,1,2,2-Tetrachloroethane	10.44	83	2152	0.249	ug/l #	92
72) Bromobenzene	10.44	156	1797	0.206	ug/l	99
77) tert-Butylbenzene	11.09	119	5695	0.202	ug/l	96
82) 1,3-Dichlorobenzene	11.40	146	3768	0.203	ug/l	91
83) 1,4-Dichlorobenzene	11.50	146	3865	0.210	ug/l	95
85) 1,2-Dichlorobenzene	11.86	146	3855	0.221	ug/l	94
86) 1,2-Dibromo-3-Chloropropan	12.65	75	306	0.225	ug/l #	48
88) Hexachlorobutadiene	13.68	225	1641	0.257	ug/l	91

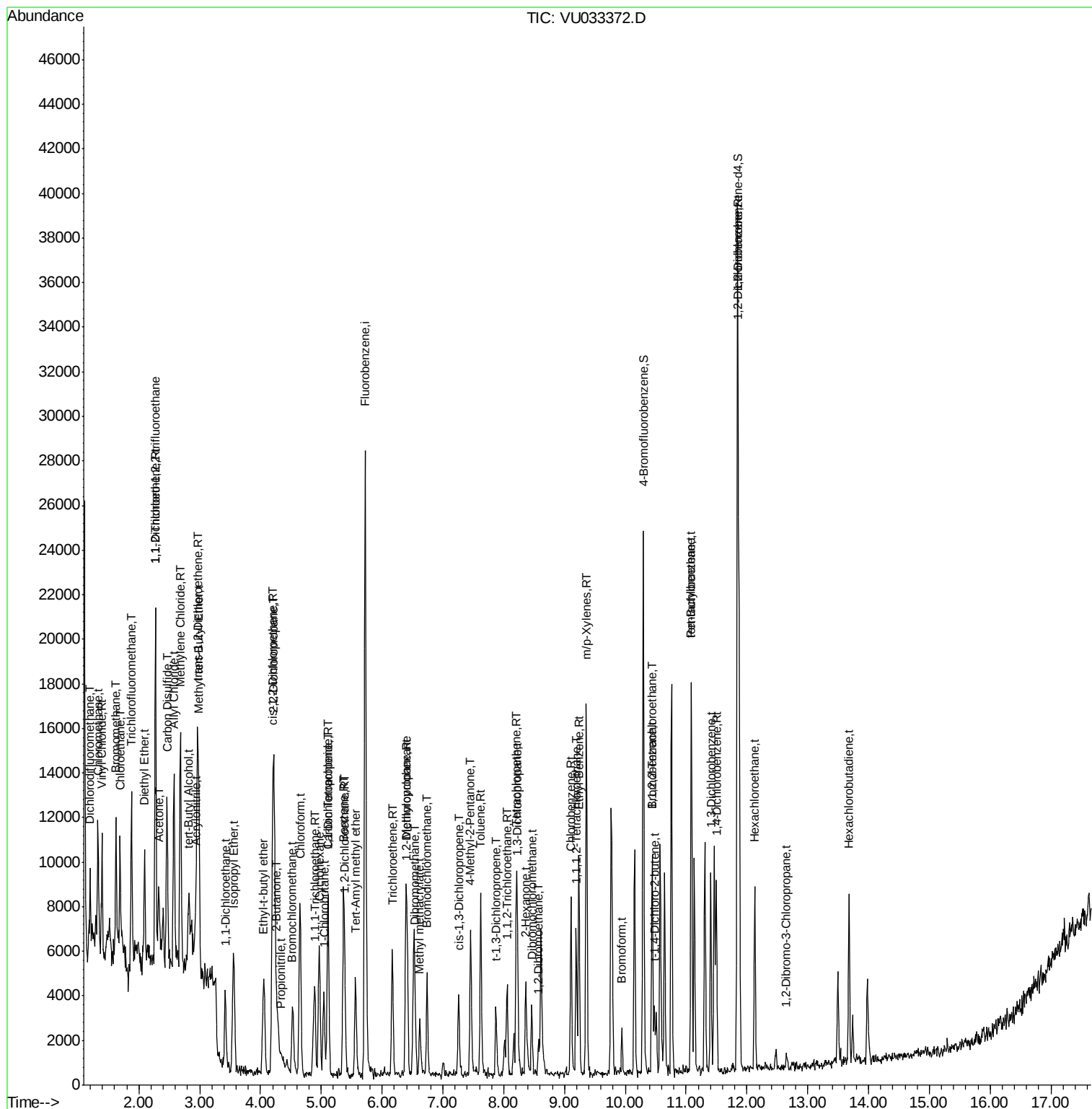
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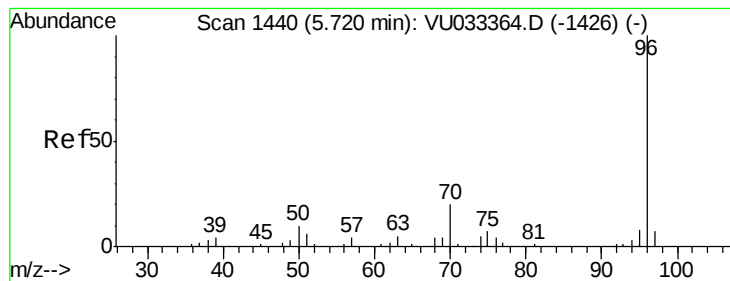
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#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 5.72 min Scan# 1441

Delta R.T. 0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT3-2019

Tgt Ion: 96 Resp: 26743

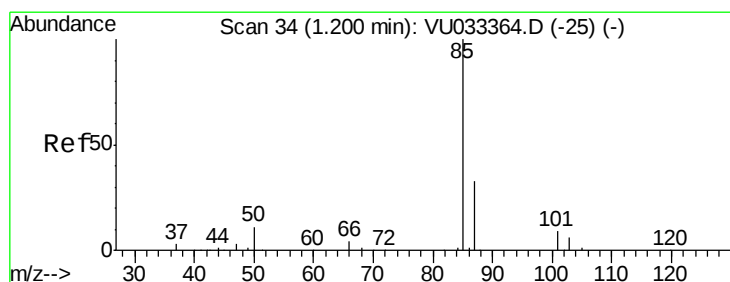
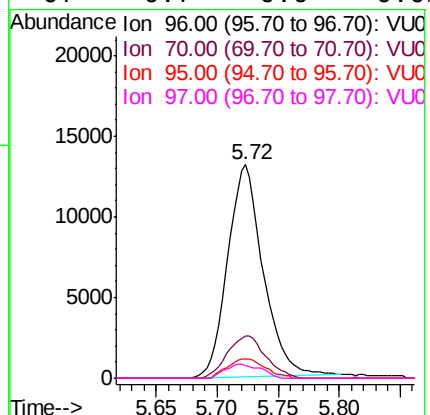
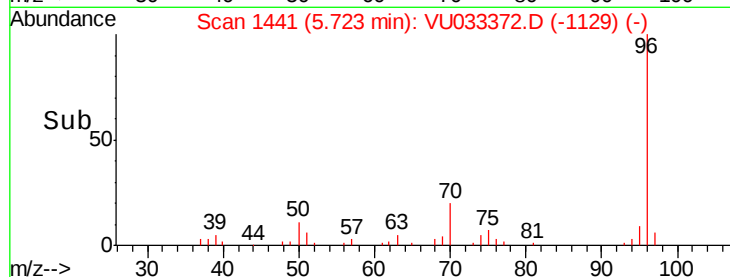
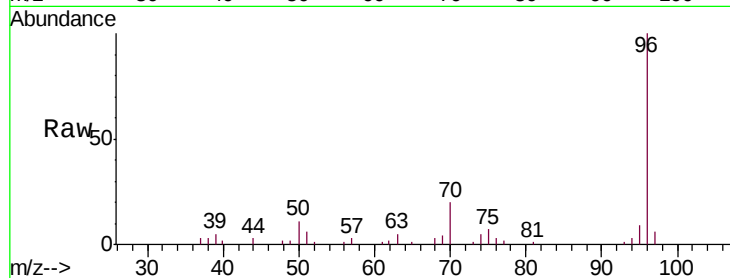
Ion Ratio Lower Upper

96 100

70 21.5 16.4 24.6

95 9.7 6.7 10.1

97 6.7 0.0 0.0#



#2

Dichlorodifluoromethane

Concen: 0.259 ug/l

RT: 1.20 min Scan# 34

Delta R.T. -0.00 min

Lab File: VU033372.D

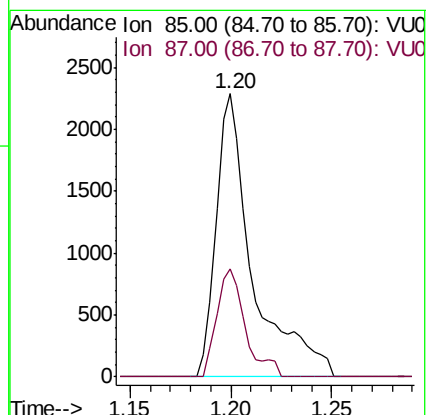
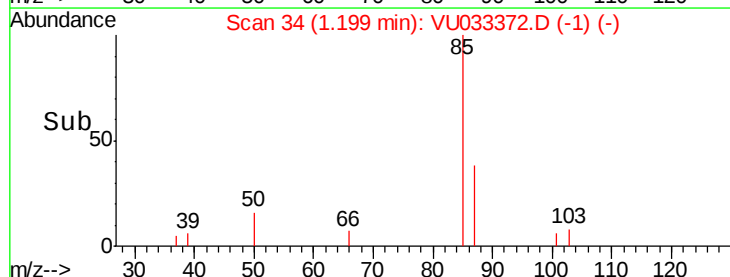
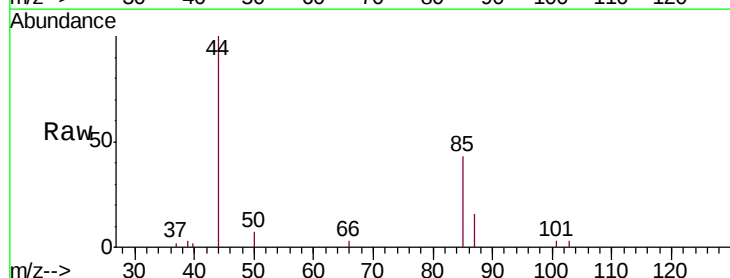
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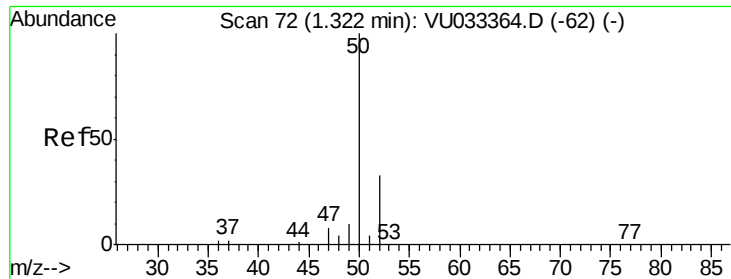
Tgt Ion: 85 Resp: 2861

Ion Ratio Lower Upper

85 100

87 38.1 16.6 49.7





#3

Chloromethane

Concen: 0.309 ug/l

RT: 1.33 min Scan# 74

Delta R.T. 0.01 min

Lab File: VU033372.D

Acq: 23 Jul 2019 11:00

Instrument :

MSVOA_U

ClientSampleId :

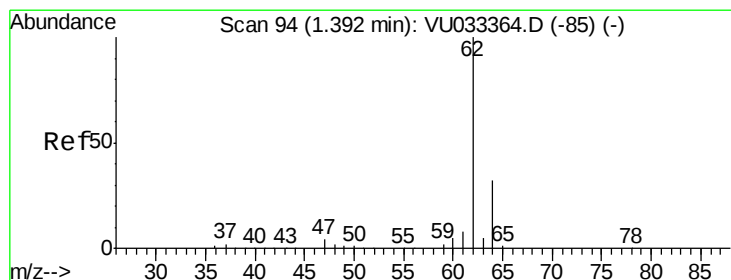
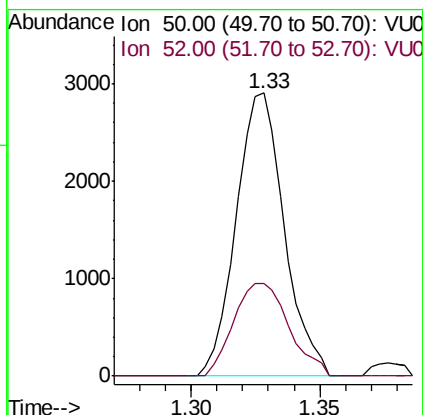
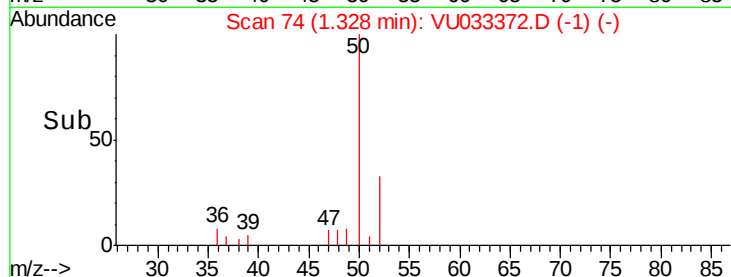
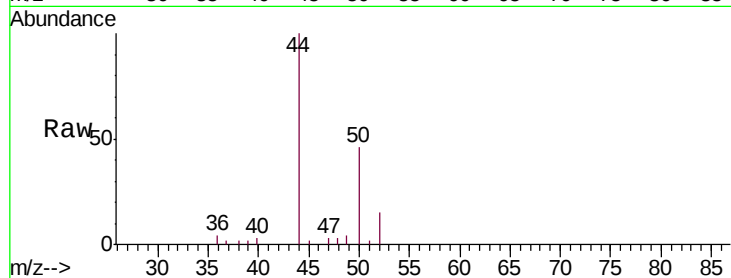
LOD-MDL-WATER-01-QT3-2019

Tgt Ion: 50 Resp: 3771

Ion Ratio Lower Upper

50 100

52 32.7 26.1 39.1



#4

Vinyl Chloride

Concen: 0.262 ug/l

RT: 1.40 min Scan# 95

Delta R.T. 0.00 min

Lab File: VU033372.D

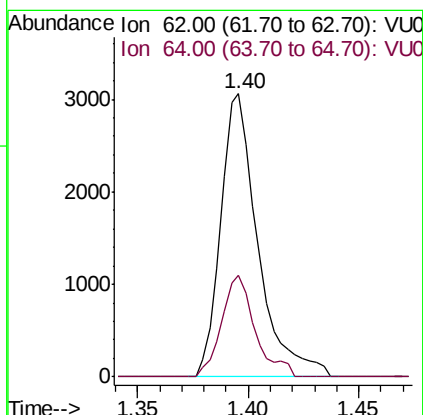
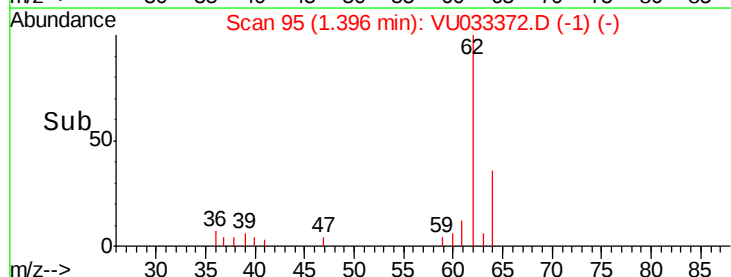
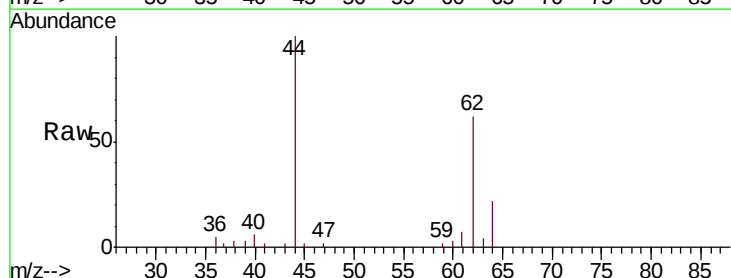
Acq: 23 Jul 2019 11:00

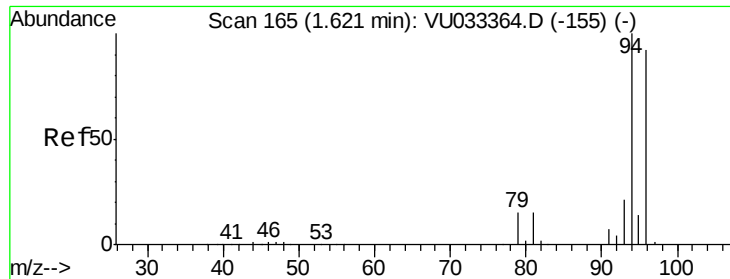
Tgt Ion: 62 Resp: 3575

Ion Ratio Lower Upper

62 100

64 36.0 25.6 38.4

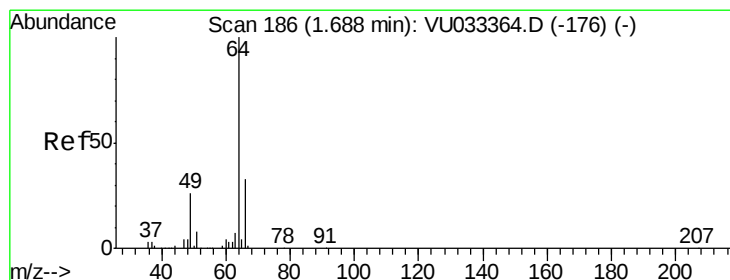
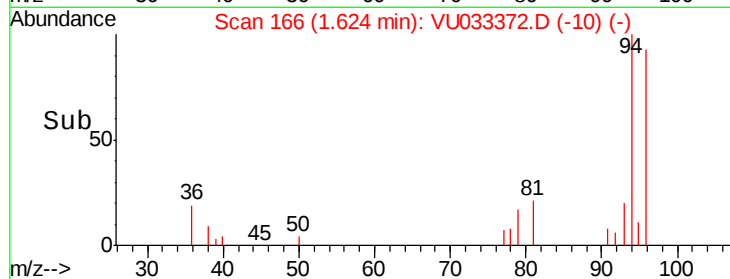
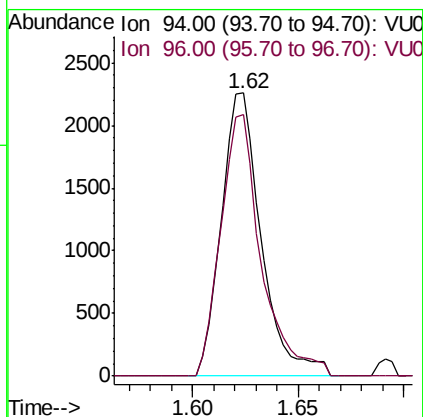
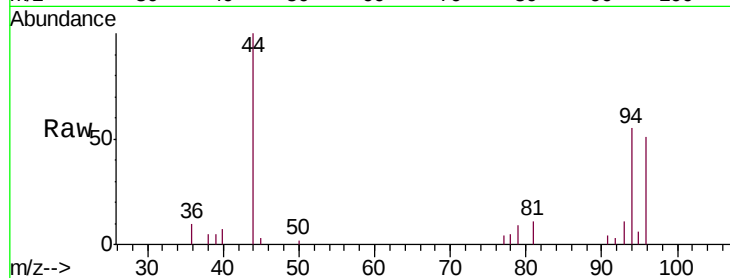




#5
Bromomethane
Concen: 0.346 ug/l
RT: 1.62 min Scan# 166
Delta R.T. 0.00 min
Lab File: VU033372.D
Acq: 23 Jul 2019 11:00

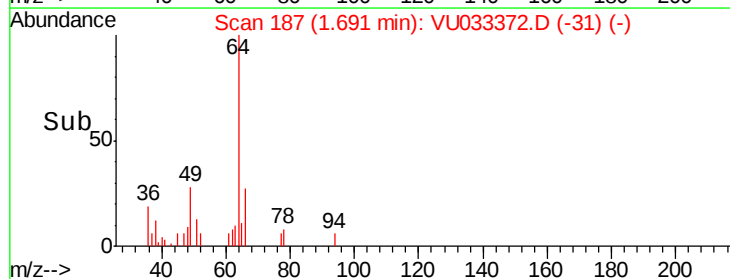
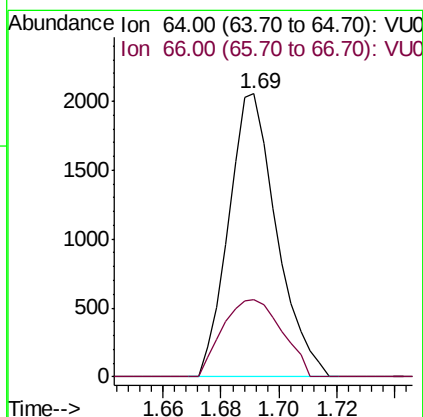
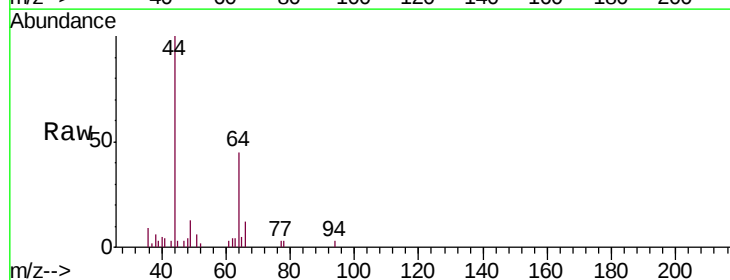
Instrument :
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LOD-MDL-WATER-01-QT3-2019

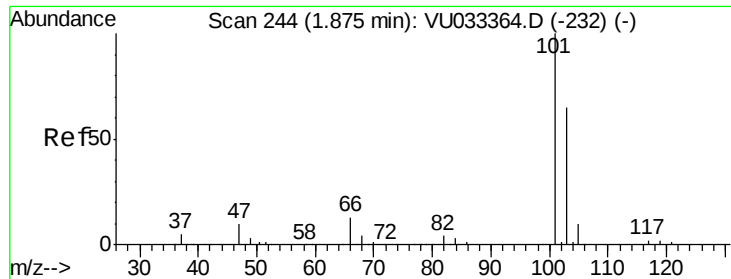
Tgt Ion: 94 Resp: 2971
Ion Ratio Lower Upper
94 100
96 92.6 73.2 109.8



#6
Chloroethane
Concen: 0.246 ug/l
RT: 1.69 min Scan# 187
Delta R.T. 0.00 min
Lab File: VU033372.D
Acq: 23 Jul 2019 11:00

Tgt Ion: 64 Resp: 2356
Ion Ratio Lower Upper
64 100
66 27.4 26.4 39.6



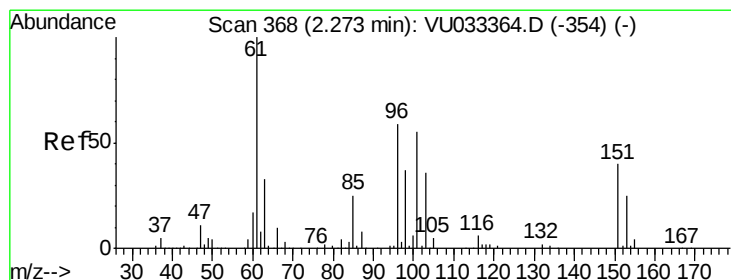
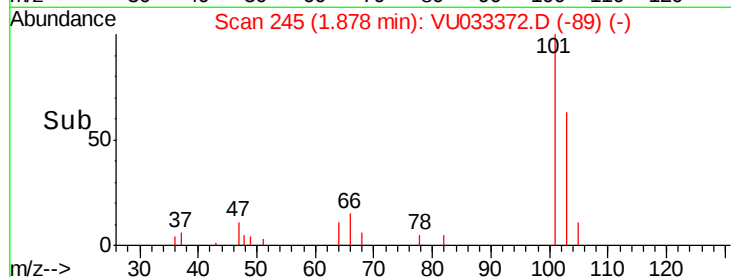
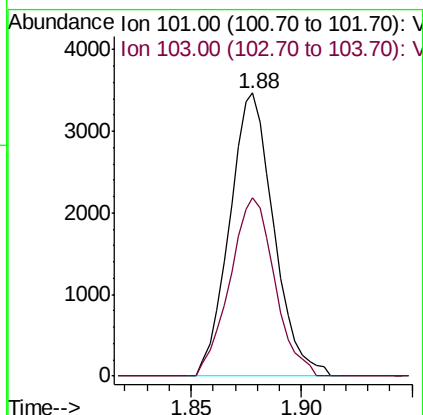
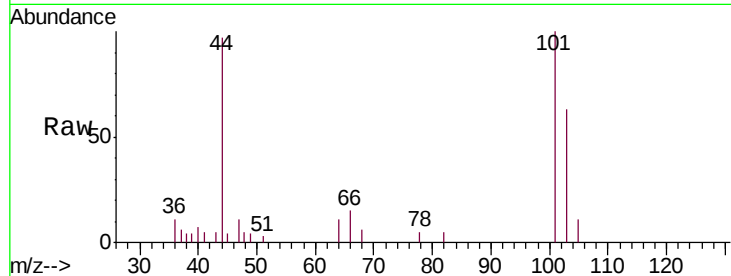


#7

Trichlorofluoromethane
 Concen: 0.258 ug/l
 RT: 1.88 min Scan# 245
 Delta R.T. 0.00 min
 Lab File: VU033372.D
 Acq: 23 Jul 2019 11:00

Instrument :
 MSVOA_U
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2019

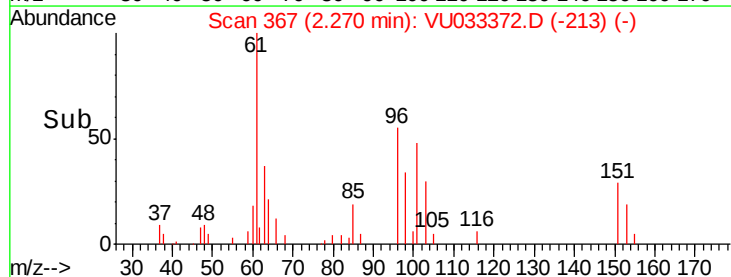
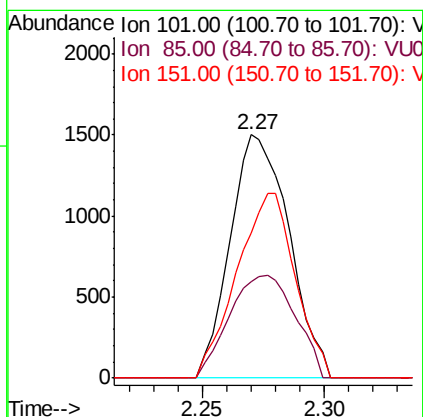
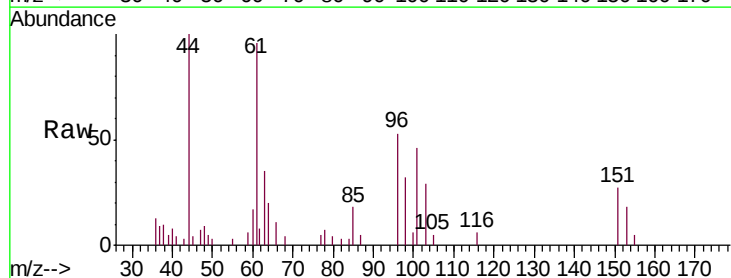
Tgt Ion:101 Resp: 4824
 Ion Ratio Lower Upper
 101 100
 103 63.0 52.2 78.2

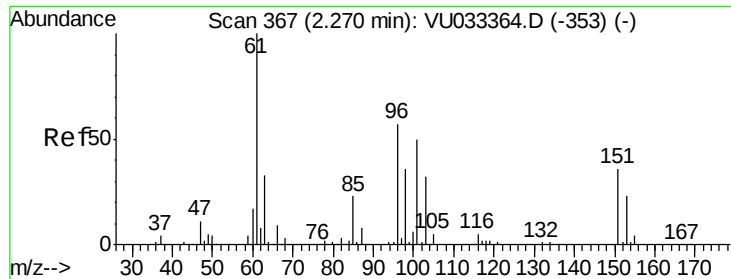


#8

1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.261 ug/l
 RT: 2.27 min Scan# 367
 Delta R.T. -0.00 min
 Lab File: VU033372.D
 Acq: 23 Jul 2019 11:00

Tgt Ion:101 Resp: 2514
 Ion Ratio Lower Upper
 101 100
 85 47.2 37.5 56.3
 151 75.2 58.3 87.5

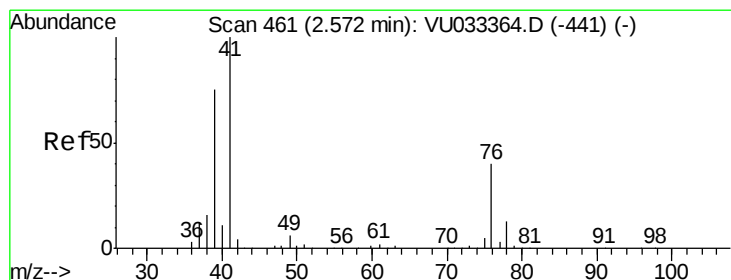
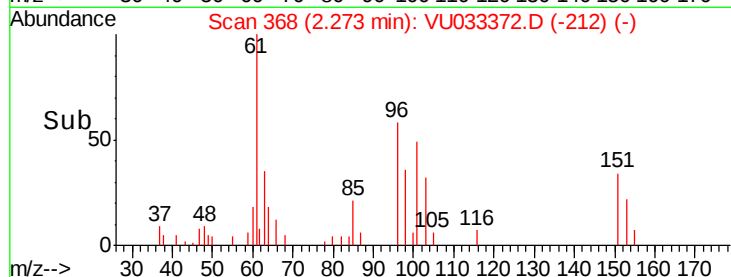
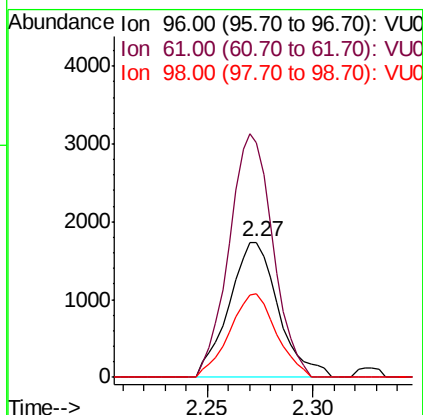
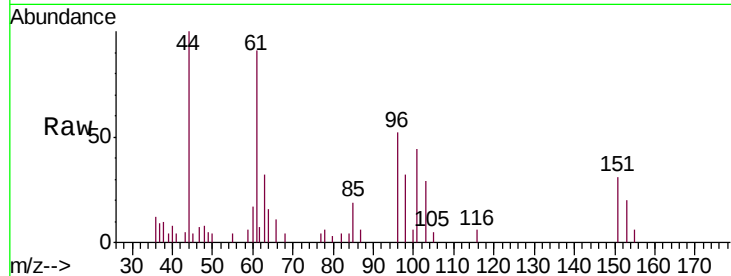




#9
 1,1-Dichloroethene
 Concen: 0.296 ug/l
 RT: 2.27 min Scan# 368
 Delta R.T. 0.00 min
 Lab File: VU033372.D
 Acq: 23 Jul 2019 11:00

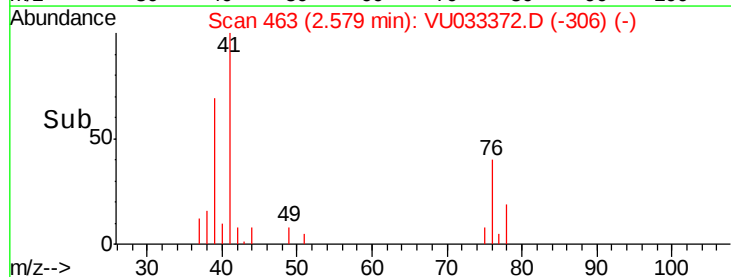
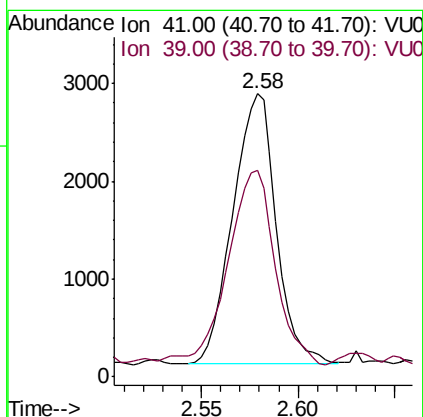
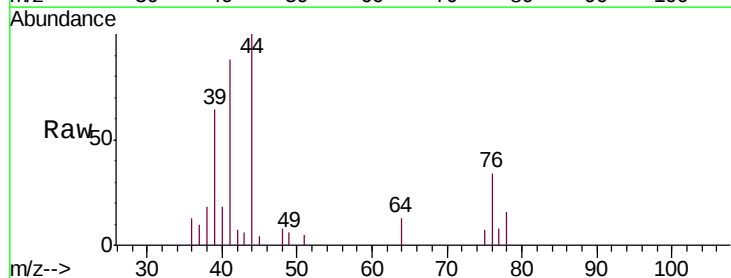
Instrument :
 MSVOA_U
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2019

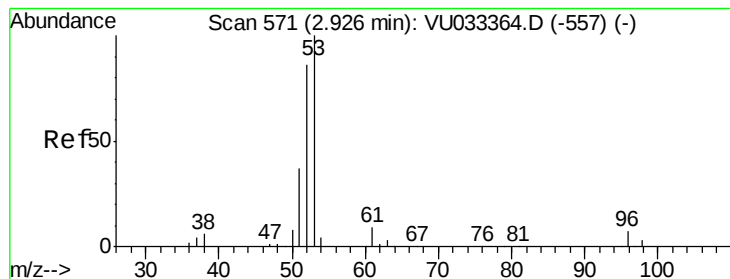
Tgt Ion: 96 Resp: 2814
 Ion Ratio Lower Upper
 96 100
 61 173.7 0.0 525.6
 98 61.7 0.0 126.4



#11
 Allyl Chloride
 Concen: 0.272 ug/l
 RT: 2.58 min Scan# 463
 Delta R.T. 0.01 min
 Lab File: VU033372.D
 Acq: 23 Jul 2019 11:00

Tgt Ion: 41 Resp: 4262
 Ion Ratio Lower Upper
 41 100
 39 80.2 58.7 88.1





#12

Acrylonitrile

Concen: 0.742 ug/l

RT: 2.93 min Scan# 572

Delta R.T. 0.00 min

Lab File: VU033372.D

Acq: 23 Jul 2019 11:00

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT3-2019

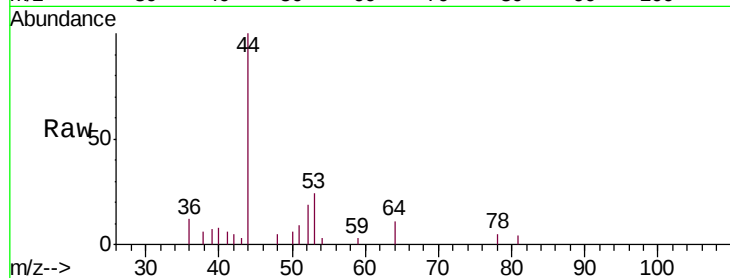
Tgt Ion: 53 Resp: 1967

Ion Ratio Lower Upper

53 100

52 52.8 69.8 104.8#

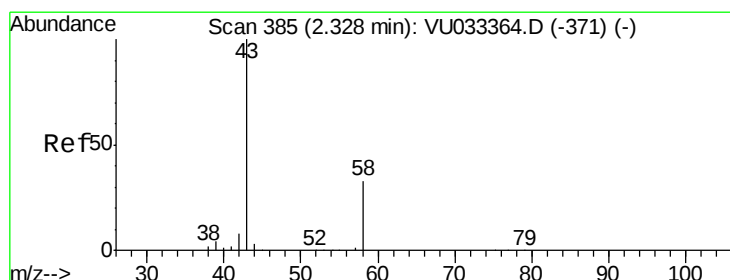
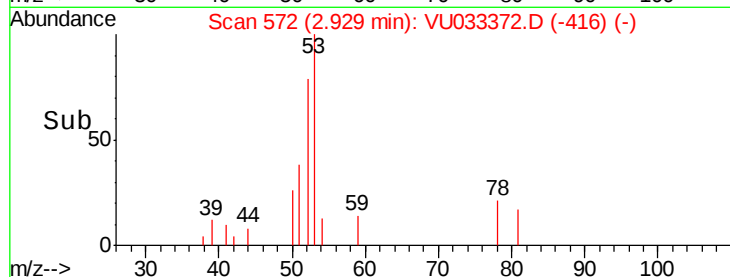
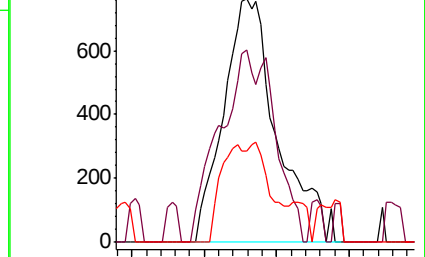
51 16.9 29.1 43.7#



Abundance Ion 53.00 (52.70 to 53.70): VU033372.D (-416) (-)

Ion 52.00 (51.70 to 52.70): VU033372.D (-416) (-)

Ion 51.00 (50.70 to 51.70): VU033372.D (-416) (-)



#13

Acetone

Concen: 1.898 ug/l

RT: 2.32 min Scan# 384

Delta R.T. -0.00 min

Lab File: VU033372.D

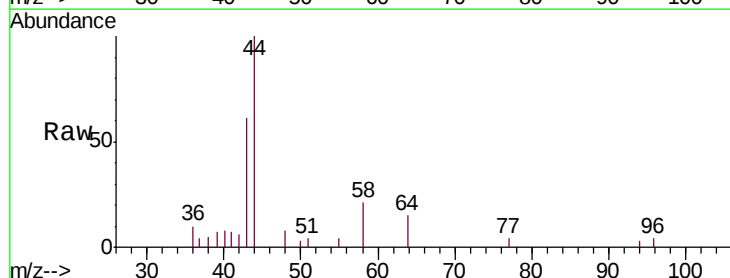
Acq: 23 Jul 2019 11:00

Tgt Ion: 43 Resp: 4295

Ion Ratio Lower Upper

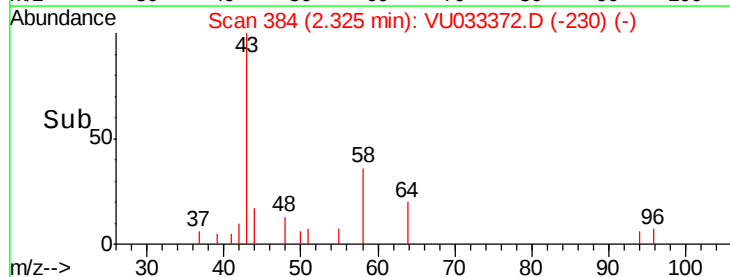
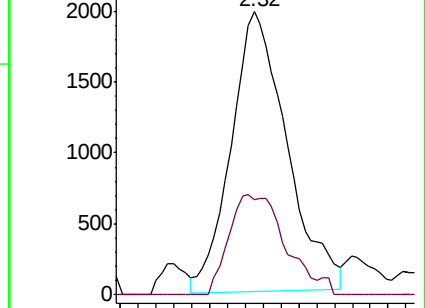
43 100

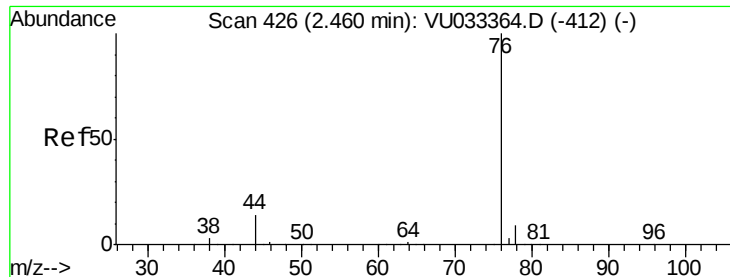
58 36.0 26.3 39.5



Abundance Ion 43.00 (42.70 to 43.70): VU033372.D (-230) (-)

Ion 58.00 (57.70 to 58.70): VU033372.D (-230) (-)





#14

Carbon Disulfide

Concen: 0.263 ug/l

RT: 2.46 min Scan# 427

Delta R.T. 0.00 min

Lab File: VU033372.D

Acq: 23 Jul 2019 11:00

Instrument :

MSVOA_U

ClientSampleId :

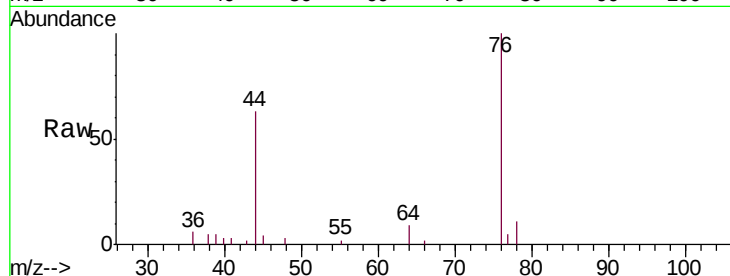
LOD-MDL-WATER-01-QT3-2019

Tgt Ion: 76 Resp: 9509

Ion Ratio Lower Upper

76 100

78 10.5 7.1 10.7



Abundance Ion 76.00 (75.70 to 76.70): VU033372.D (-271) (-)

Ion 78.00 (77.70 to 78.70): VU033372.D (-271) (-)

2.46

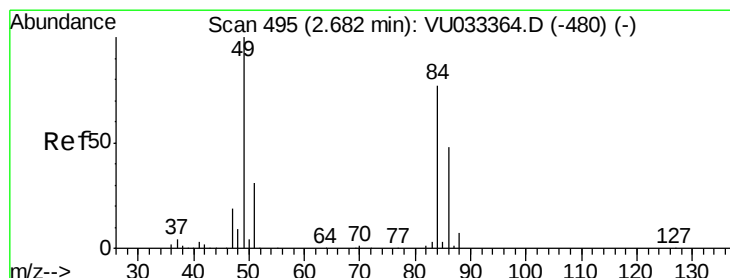
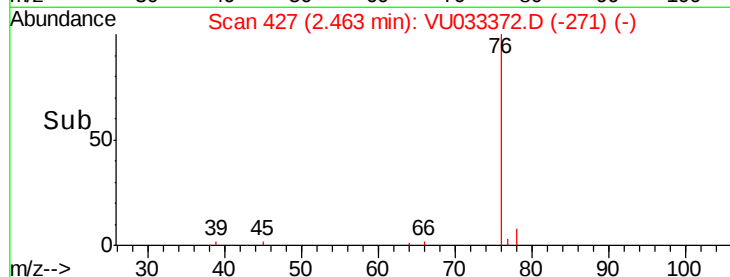
6000

4000

2000

0

Time-->



#15

Methylene Chloride

Concen: 0.340 ug/l

RT: 2.68 min Scan# 496

Delta R.T. 0.00 min

Lab File: VU033372.D

Acq: 23 Jul 2019 11:00

Tgt Ion: 84 Resp: 4353

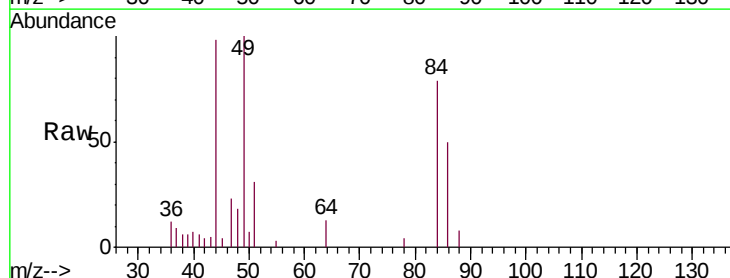
Ion Ratio Lower Upper

84 100

49 126.3 103.5 155.3

51 39.2 0.0 80.4

86 62.9 50.1 75.1



Abundance Ion 84.00 (83.70 to 84.70): VU033372.D (-340) (-)

Ion 49.00 (48.70 to 49.70): VU033372.D (-340) (-)

Ion 51.00 (50.70 to 51.70): VU033372.D (-340) (-)

Ion 86.00 (85.70 to 86.70): VU033372.D (-340) (-)

5000

4000

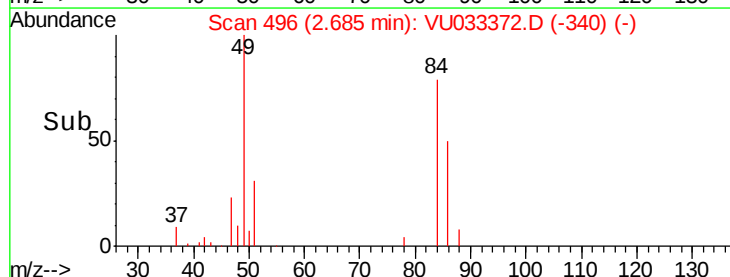
3000

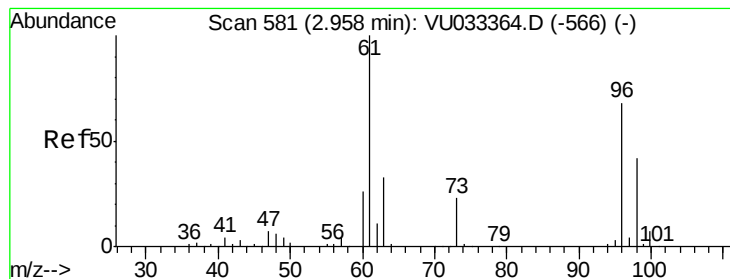
2000

1000

0

Time-->





#16

trans-1,2-Dichloroethene

Concen: 0.289 ug/l

RT: 2.96 min Scan# 582

Delta R.T. 0.00 min

Lab File: VU033372.D

Acq: 23 Jul 2019 11:00

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT3-2019

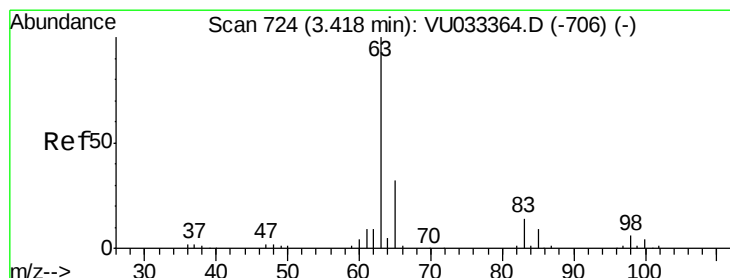
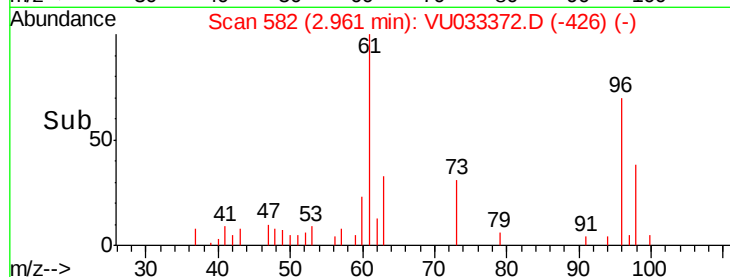
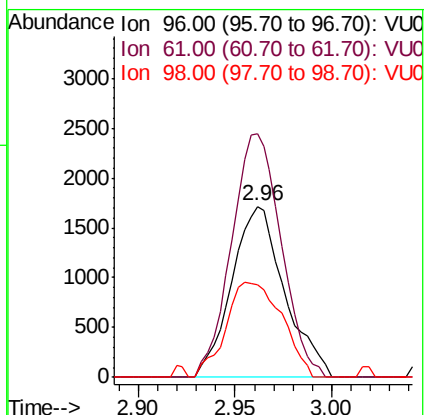
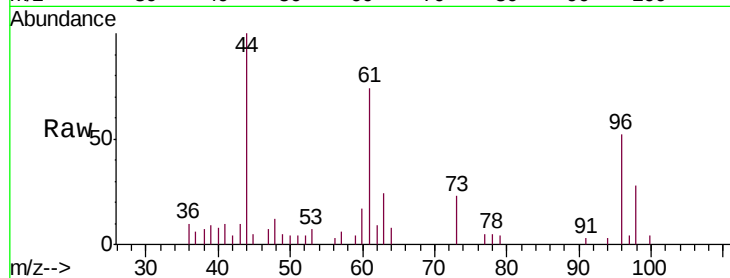
Tgt Ion: 96 Resp: 3266

Ion Ratio Lower Upper

96 100

61 142.3 118.0 177.0

98 54.3 49.4 74.2



#17

1,1-Dichloroethane

Concen: 0.266 ug/l

RT: 3.42 min Scan# 726

Delta R.T. 0.01 min

Lab File: VU033372.D

Acq: 23 Jul 2019 11:00

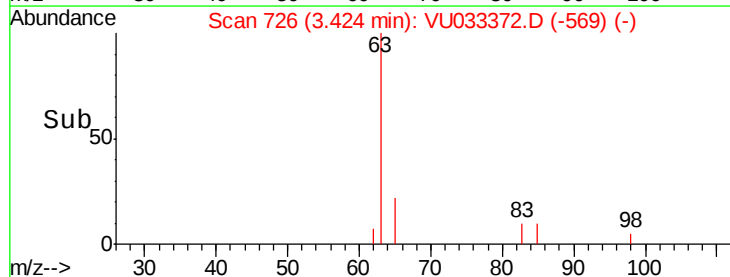
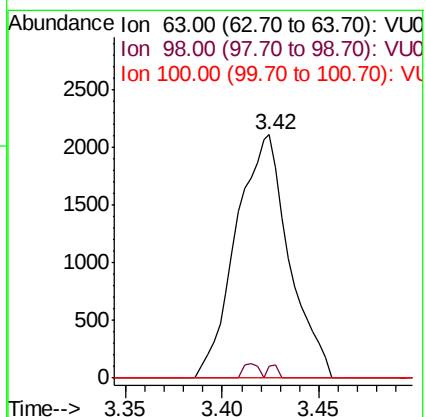
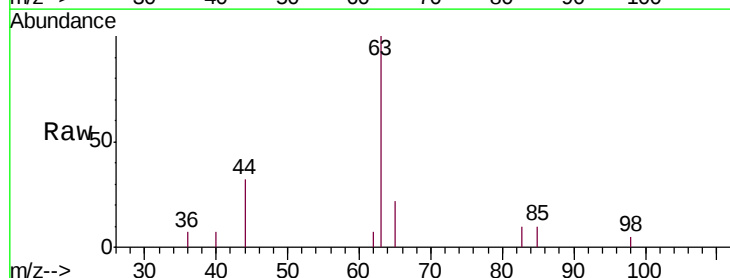
Tgt Ion: 63 Resp: 4029

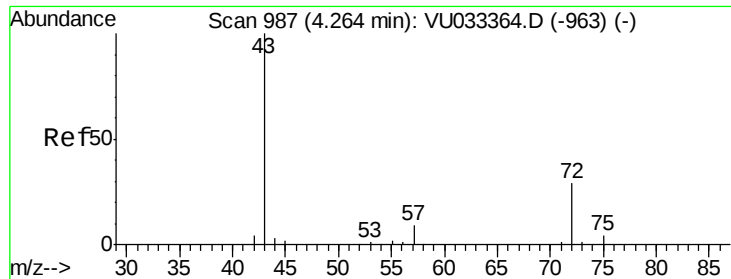
Ion Ratio Lower Upper

63 100

98 5.2 3.2 9.6

100 0.0 2.1 6.2#

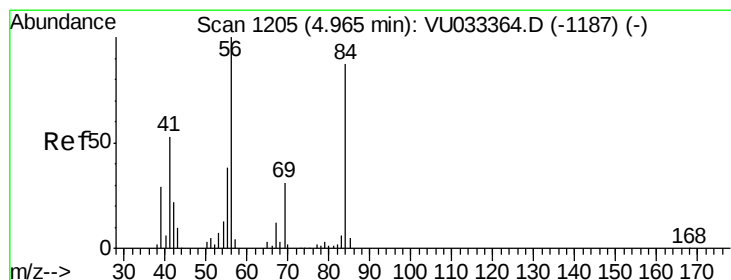
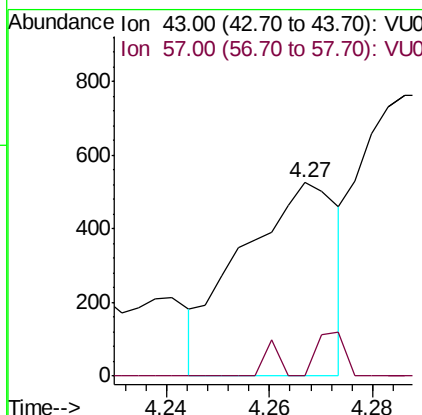
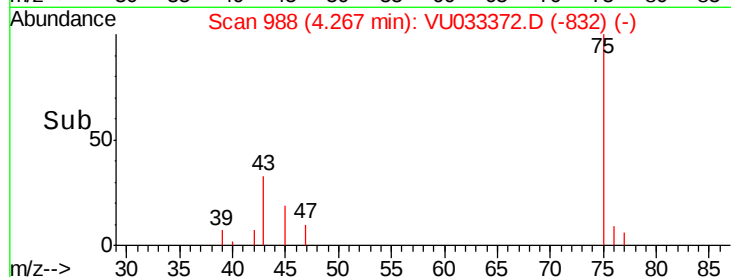
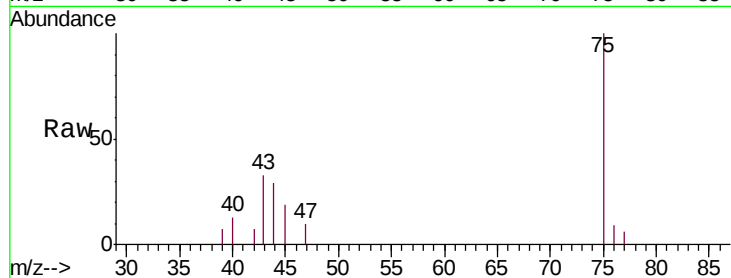




#18
2-Butanone
Concen: 0.315 ug/l
RT: 4.27 min Scan# 988
Delta R.T. 0.00 min
Lab File: VU033372.D
Acq: 23 Jul 2019 11:00

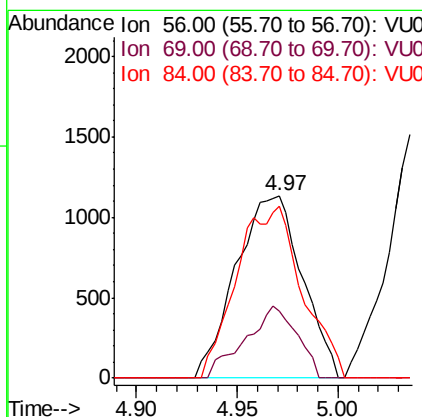
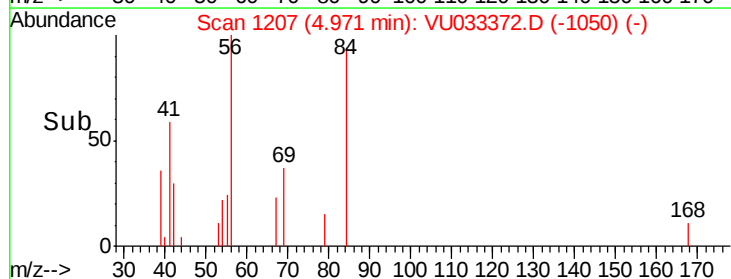
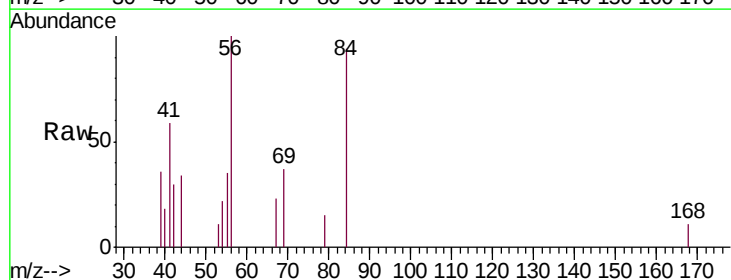
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

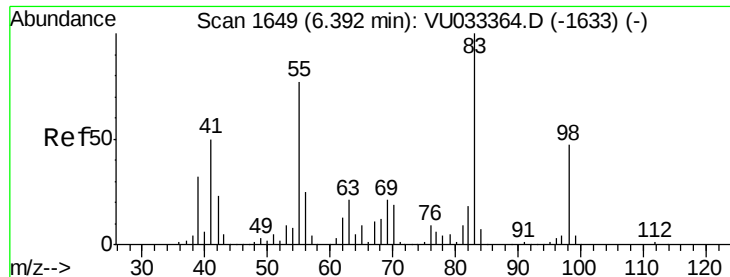
Tgt Ion: 43 Resp: 681
Ion Ratio Lower Upper
43 100
57 0.0 0.0 17.0



#19
Cyclohexane
Concen: 0.233 ug/l
RT: 4.97 min Scan# 1207
Delta R.T. 0.01 min
Lab File: VU033372.D
Acq: 23 Jul 2019 11:00

Tgt Ion: 56 Resp: 2586
Ion Ratio Lower Upper
56 100
69 30.8 25.0 37.4
84 93.7 69.8 104.6

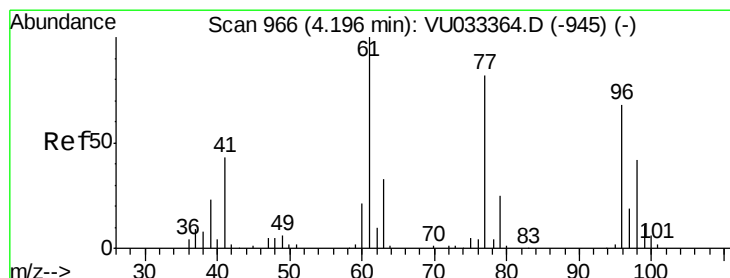
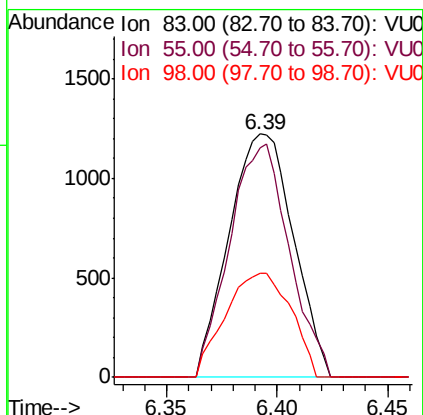
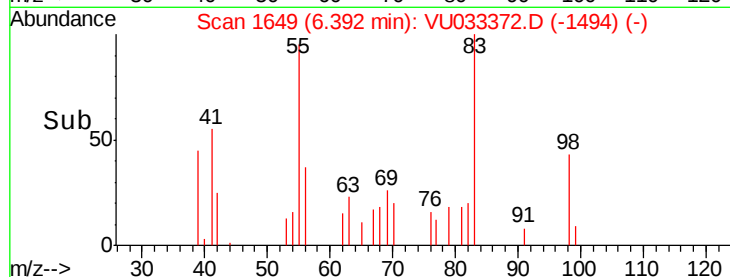
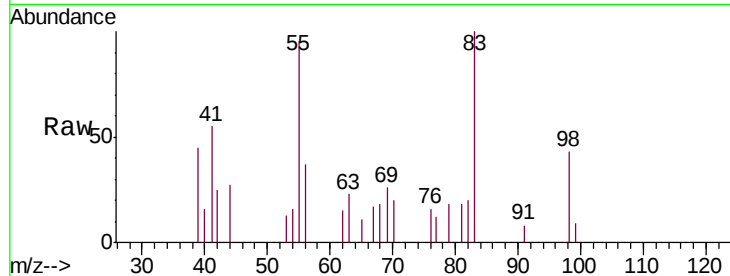




#20
Methylcyclohexane
Concen: 0.221 ug/l
RT: 6.39 min Scan# 1649
Delta R.T. -0.00 min
Lab File: VU033372.D
Acq: 23 Jul 2019 11:00

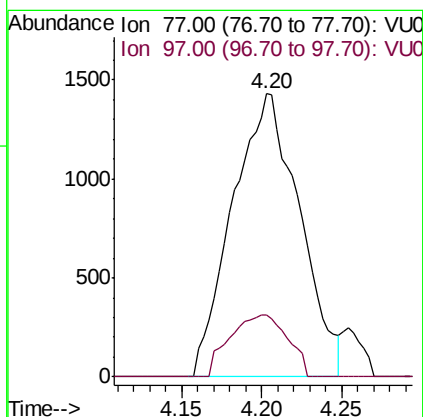
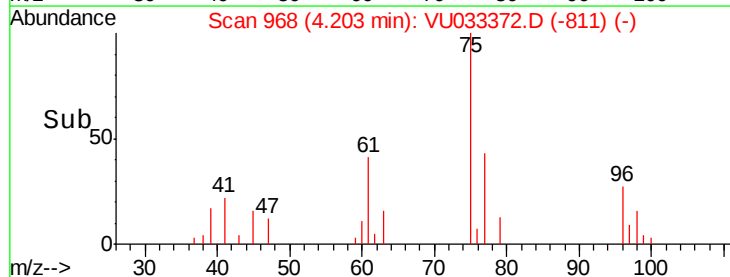
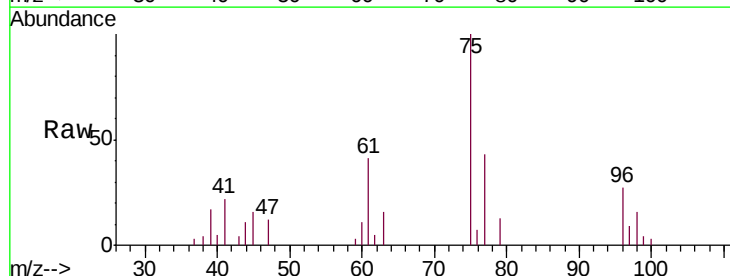
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

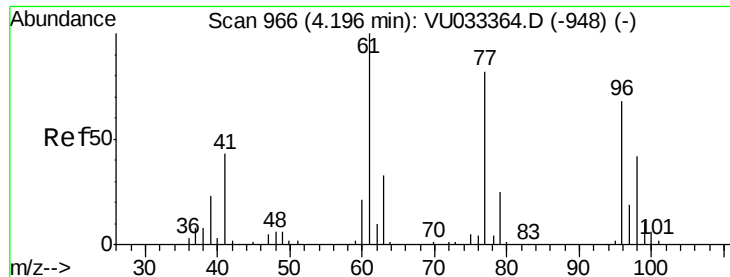
Tgt Ion: 83 Resp: 2472
Ion Ratio Lower Upper
83 100
55 89.0 62.3 93.5
98 43.3 37.4 56.0



#21
2,2-Dichloropropane
Concen: 0.322 ug/l
RT: 4.20 min Scan# 968
Delta R.T. 0.01 min
Lab File: VU033372.D
Acq: 23 Jul 2019 11:00

Tgt Ion: 77 Resp: 4131
Ion Ratio Lower Upper
77 100
97 18.8 17.8 26.8

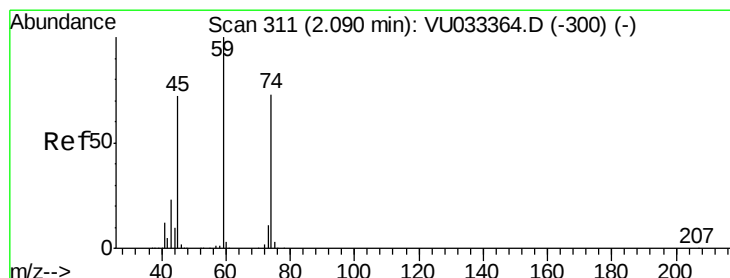
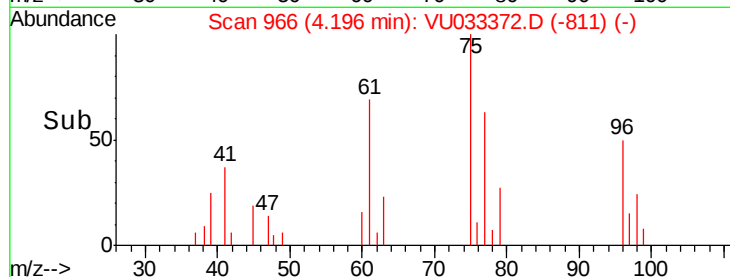
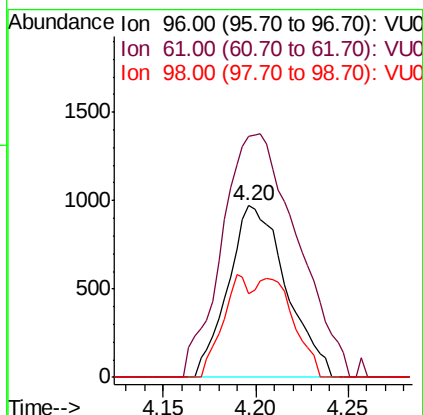
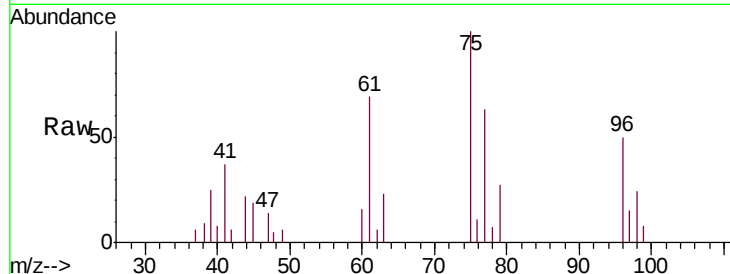




#22
 cis-1,2-Dichloroethene
 Concen: 0.248 ug/l
 RT: 4.20 min Scan# 966
 Delta R.T. -0.00 min
 Lab File: VU033372.D
 Acq: 23 Jul 2019 11:00

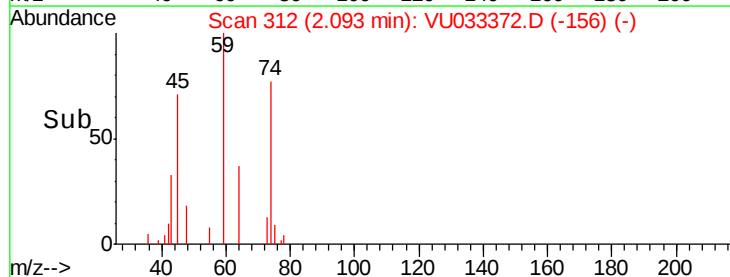
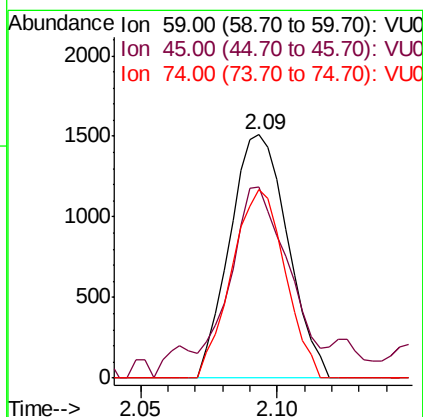
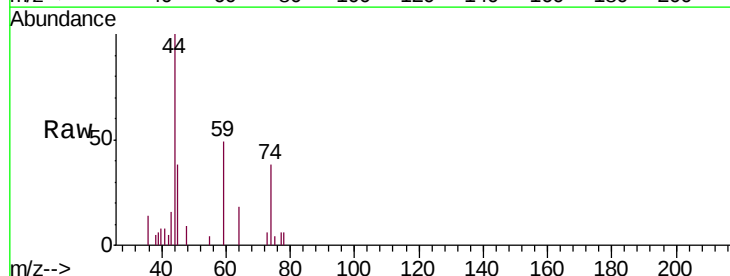
Instrument :
 MSVOA_U
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2019

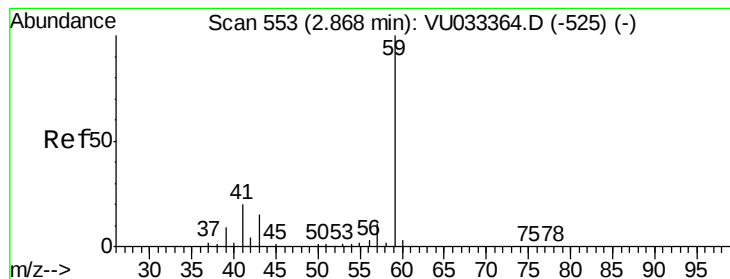
Tgt Ion: 96 Resp: 2120
 Ion Ratio Lower Upper
 96 100
 61 183.4 0.0 376.3
 98 26.8 31.9 95.9#



#23
 Diethyl Ether
 Concen: 0.271 ug/l
 RT: 2.09 min Scan# 312
 Delta R.T. 0.00 min
 Lab File: VU033372.D
 Acq: 23 Jul 2019 11:00

Tgt Ion: 59 Resp: 2222
 Ion Ratio Lower Upper
 59 100
 45 61.3 57.6 86.4
 74 71.5 57.8 86.6





#24

tert-Butyl Alcohol

Concen: 1.672 ug/l

RT: 2.83 min Scan# 541

Delta R.T. -0.04 min

Lab File: VU033372.D

Acq: 23 Jul 2019 11:00

Instrument :

MSVOA_U

ClientSampleId :

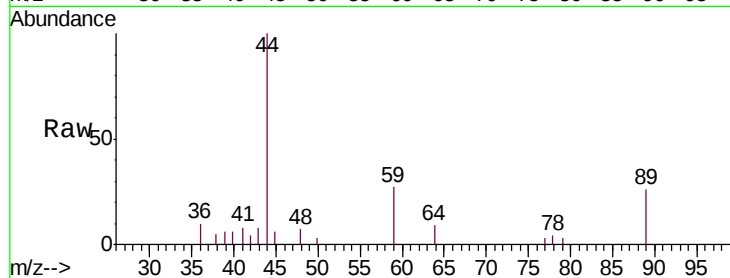
LOD-MDL-WATER-01-QT3-2019

Tgt Ion: 59 Resp: 2104

Ion Ratio Lower Upper

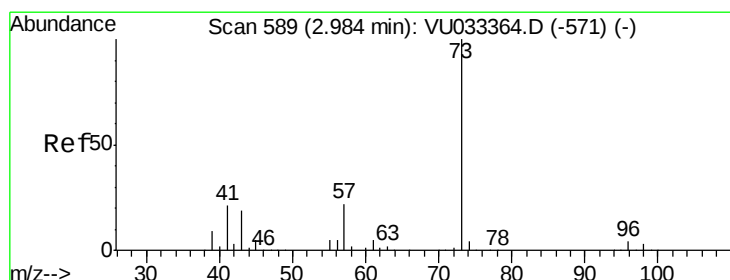
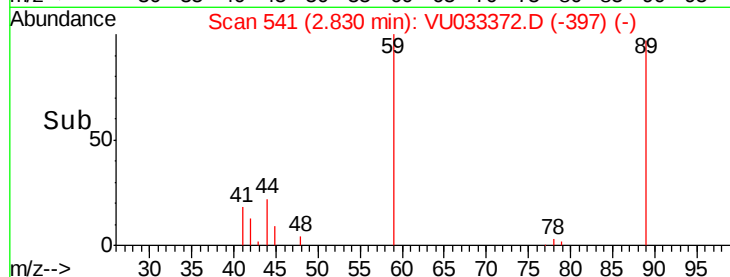
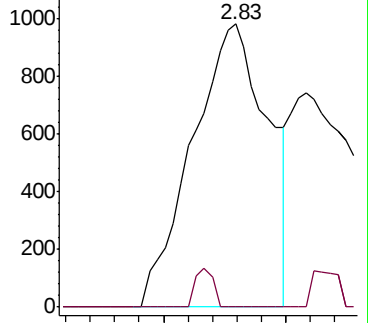
59 100

57 3.2 7.8 11.8#



Abundance Ion 59.00 (58.70 to 59.70): VU033364.D (-525) (-)

Ion 57.00 (56.70 to 57.70): VU033364.D (-525) (-)



#25

Methyl tert-Butyl Ether

Concen: 0.263 ug/l

RT: 2.99 min Scan# 590

Delta R.T. 0.00 min

Lab File: VU033372.D

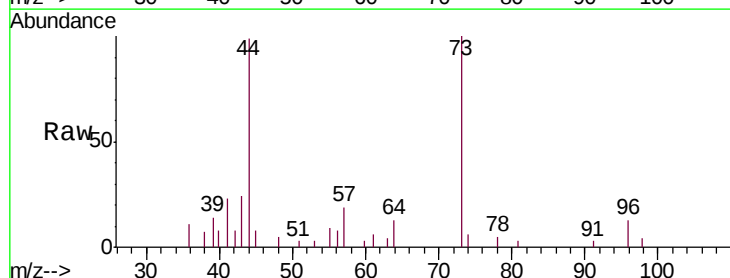
Acq: 23 Jul 2019 11:00

Tgt Ion: 73 Resp: 7208

Ion Ratio Lower Upper

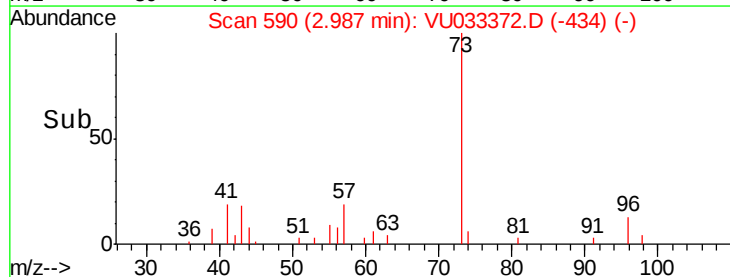
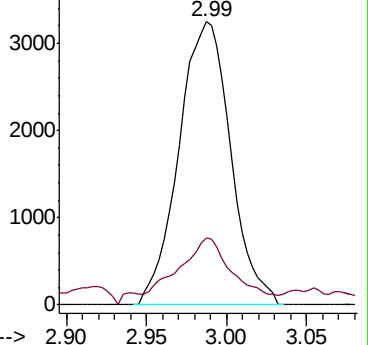
73 100

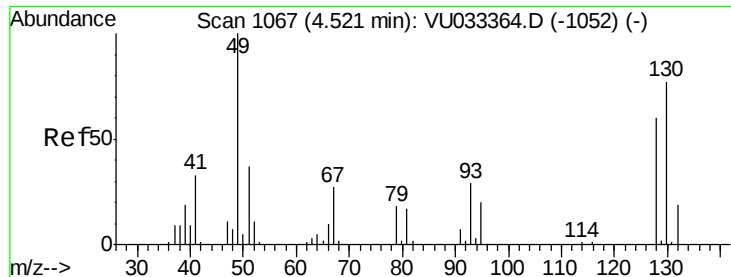
43 18.1 16.6 24.8



Abundance Ion 73.00 (72.70 to 73.70): VU033364.D (-571) (-)

Ion 43.00 (42.70 to 43.70): VU033364.D (-571) (-)

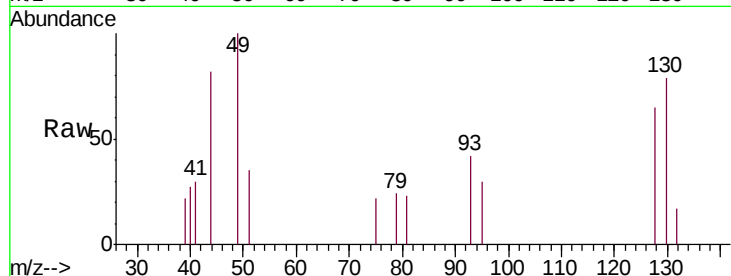




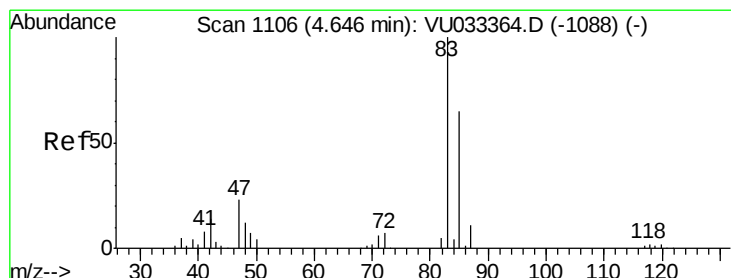
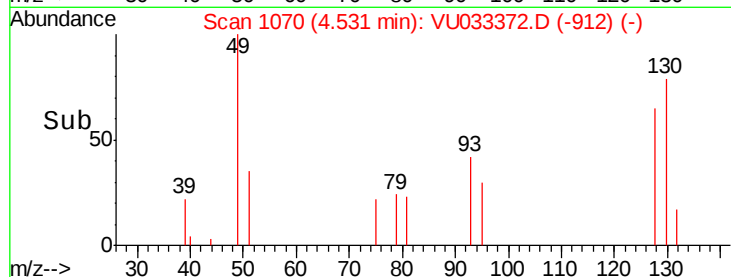
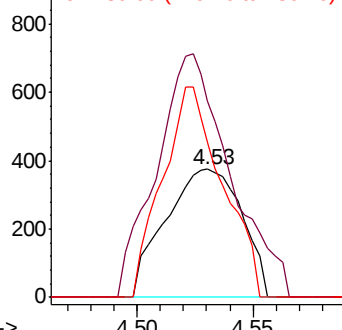
#26
Bromochloromethane
Concen: 0.229 ug/l
RT: 4.53 min Scan# 1070
Delta R.T. 0.01 min
Lab File: VU033372.D
Acq: 23 Jul 2019 11:00

Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

Tgt Ion: 128 Resp: 860
Ion Ratio Lower Upper
128 100
49 181.9 0.0 333.4
130 128.7 103.4 155.2

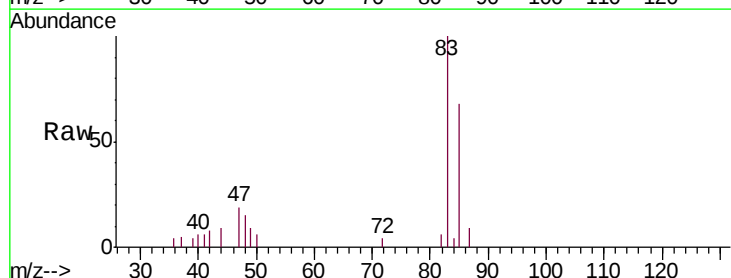


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 49.00 (48.70 to 49.70): VU
Ion 130.00 (129.70 to 130.70): V

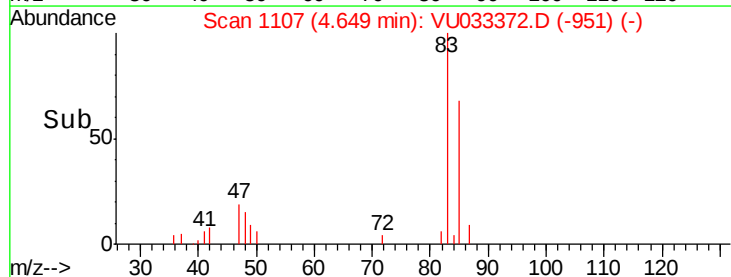
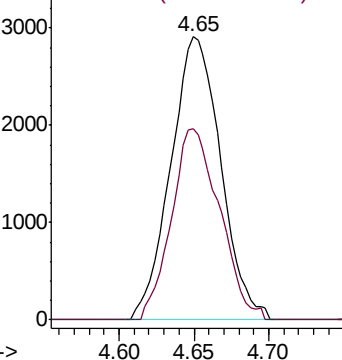


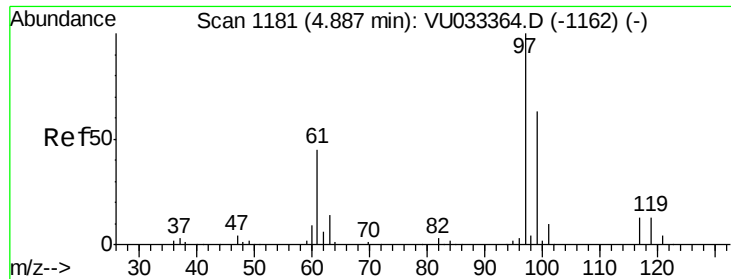
#27
Chloroform
Concen: 0.392 ug/l
RT: 4.65 min Scan# 1107
Delta R.T. 0.00 min
Lab File: VU033372.D
Acq: 23 Jul 2019 11:00

Tgt Ion: 83 Resp: 6779
Ion Ratio Lower Upper
83 100
85 67.6 0.0 129.8



Abundance Ion 83.00 (82.70 to 83.70): VU
Ion 85.00 (84.70 to 85.70): VU

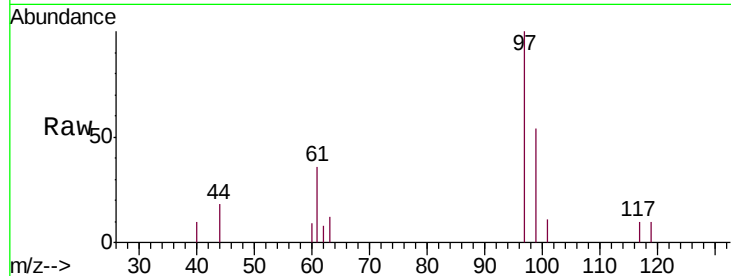




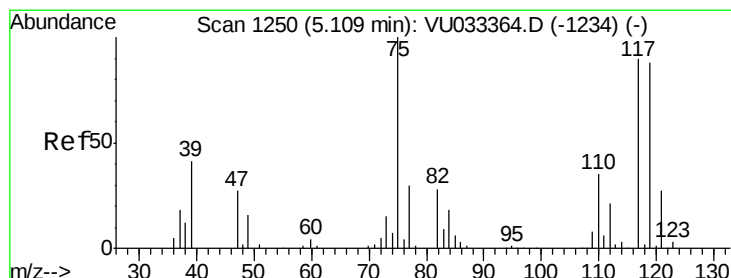
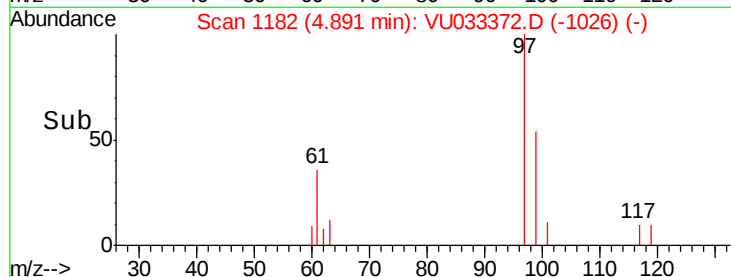
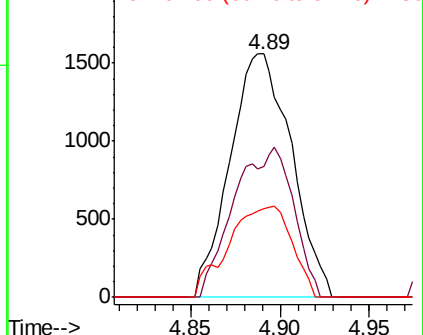
#28
 1,1,1-Trichloroethane
 Concen: 0.279 ug/l
 RT: 4.89 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: VU033372.D
 Acq: 23 Jul 2019 11:00

Instrument :
 MSVOA_U
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2019

Tgt Ion: 97 Resp: 3734
 Ion Ratio Lower Upper
 97 100
 99 60.1 31.9 95.5
 61 38.7 22.7 68.0

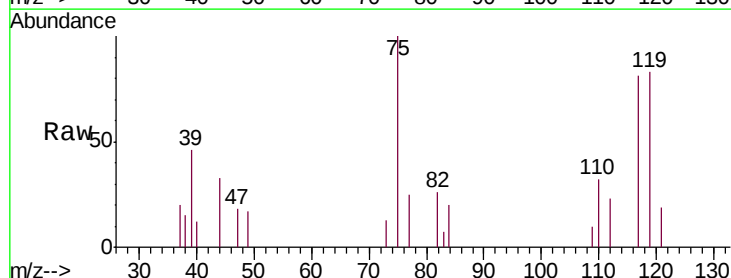


Abundance Ion 97.00 (96.70 to 97.70): VU0
 Ion 99.00 (98.70 to 99.70): VU0
 Ion 61.00 (60.70 to 61.70): VU0

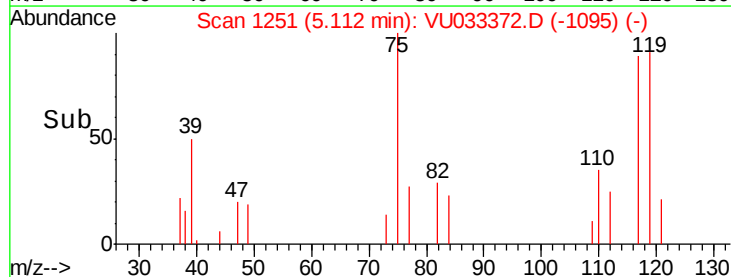
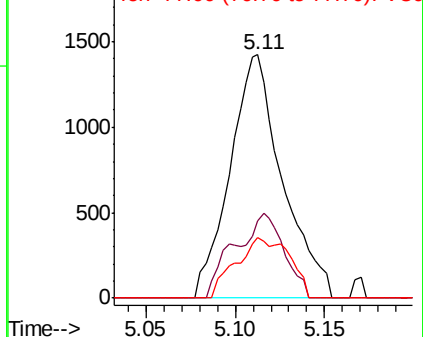


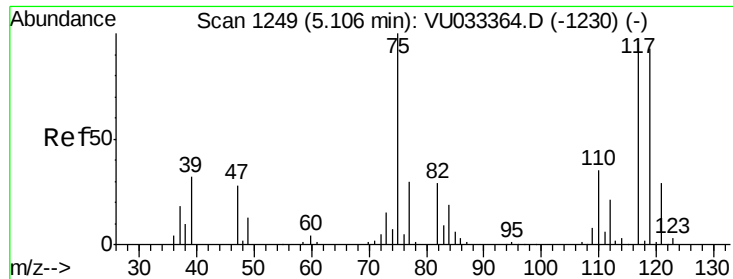
#29
 1,1-Dichloropropene
 Concen: 0.263 ug/l
 RT: 5.11 min Scan# 1251
 Delta R.T. 0.00 min
 Lab File: VU033372.D
 Acq: 23 Jul 2019 11:00

Tgt Ion: 75 Resp: 2907
 Ion Ratio Lower Upper
 75 100
 110 33.1 17.5 52.6
 77 25.4 25.1 37.7



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





#30

Carbon Tetrachloride

Concen: 0.246 ug/l

RT: 5.10 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VU033372.D

Acq: 23 Jul 2019 11:00

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT3-2019

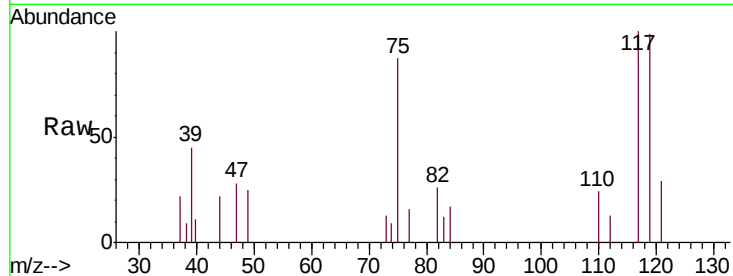
Tgt Ion: 117 Resp: 2899

Ion Ratio Lower Upper

117 100

119 99.4 77.9 116.9

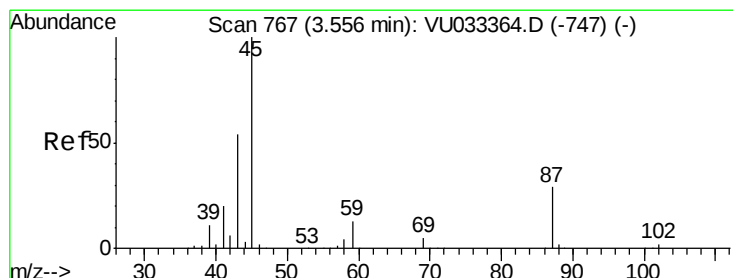
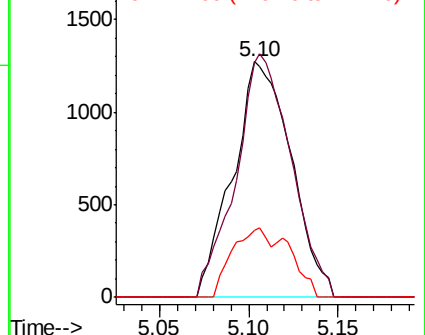
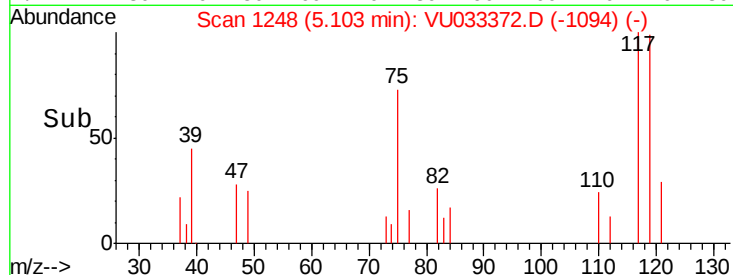
121 28.6 24.0 36.0



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#31

Isopropyl Ether

Concen: 0.234 ug/l

RT: 3.56 min Scan# 767

Delta R.T. -0.00 min

Lab File: VU033372.D

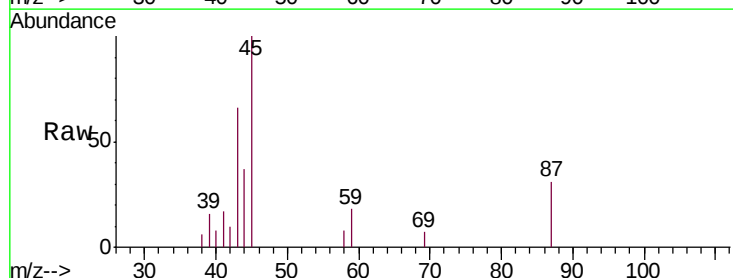
Acq: 23 Jul 2019 11:00

Tgt Ion: 45 Resp: 4482

Ion Ratio Lower Upper

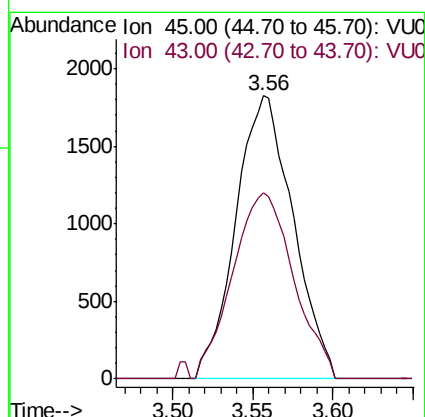
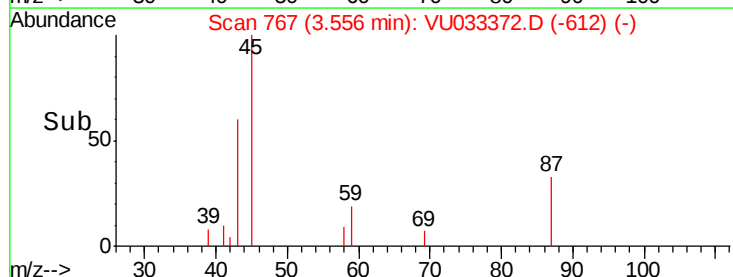
45 100

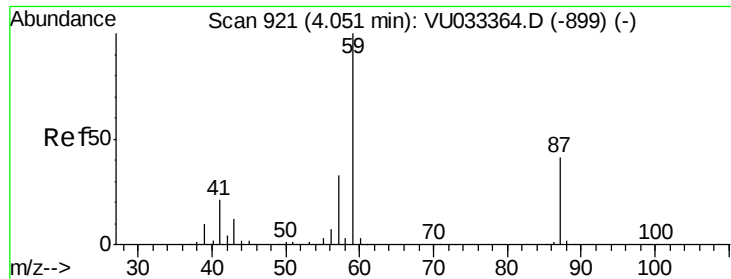
43 70.2 27.8 83.3



Abundance Ion 45.00 (44.70 to 45.70): VU0

Ion 43.00 (42.70 to 43.70): VU0





#32

Ethyl-t-butyl ether

Concen: 0.243 ug/l

RT: 4.05 min Scan# 922

Delta R.T. 0.00 min

Lab File: VU033372.D

Acq: 23 Jul 2019 11:00

Instrument :

MSVOA_U

ClientSampleId :

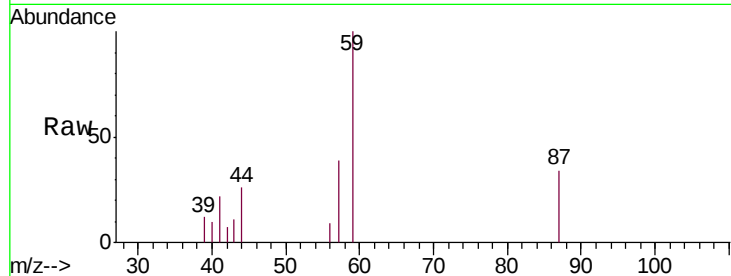
LOD-MDL-WATER-01-QT3-2019

Tgt Ion: 59 Resp: 4477

Ion Ratio Lower Upper

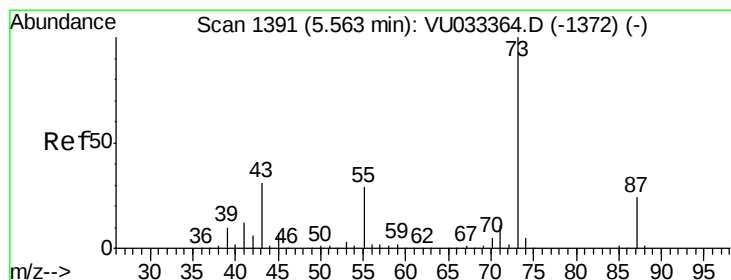
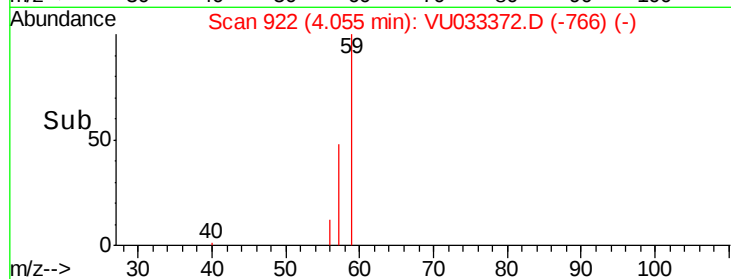
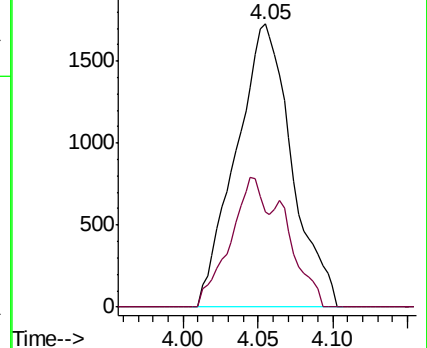
59 100

87 29.8 33.8 50.6#



Abundance Ion 59.00 (58.70 to 59.70): VU033364.D (-899) (-)

Ion 87.00 (86.70 to 87.70): VU033364.D (-899) (-)



#33

Tert-Amyl methyl ether

Concen: 0.210 ug/l

RT: 5.57 min Scan# 1393

Delta R.T. 0.01 min

Lab File: VU033372.D

Acq: 23 Jul 2019 11:00

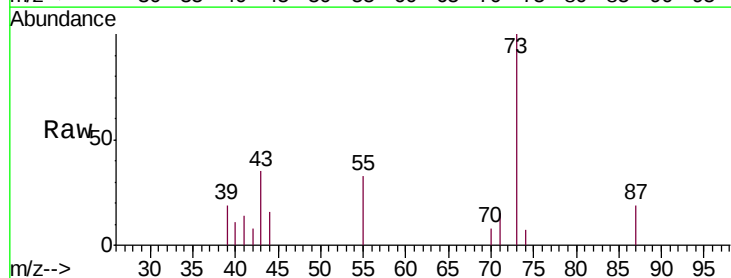
Tgt Ion: 73 Resp: 3476

Ion Ratio Lower Upper

73 100

87 19.4 18.9 28.3

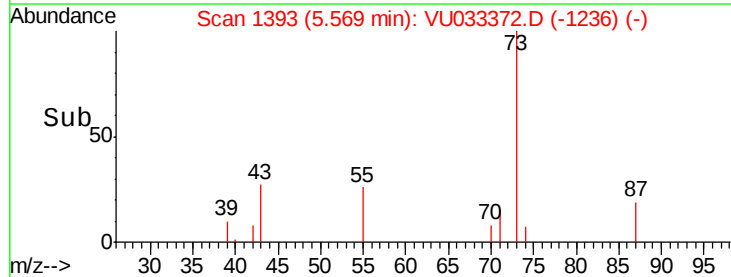
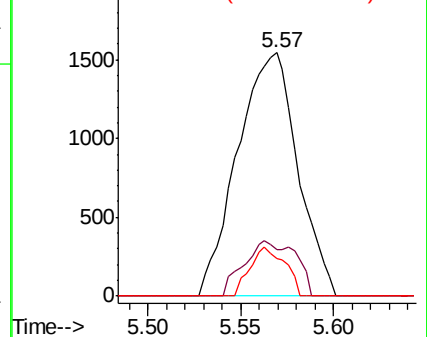
71 11.7 9.3 13.9

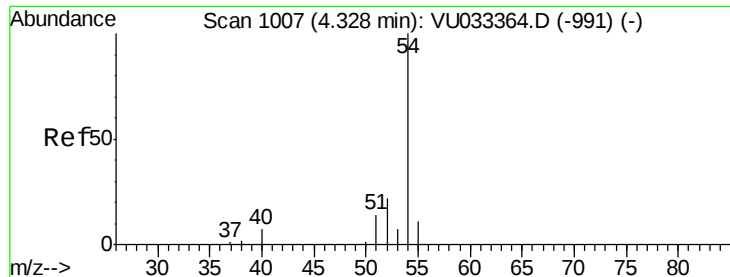


Abundance Ion 73.00 (72.70 to 73.70): VU033364.D (-1372) (-)

Ion 87.00 (86.70 to 87.70): VU033364.D (-1372) (-)

Ion 71.00 (70.70 to 71.70): VU033364.D (-1372) (-)

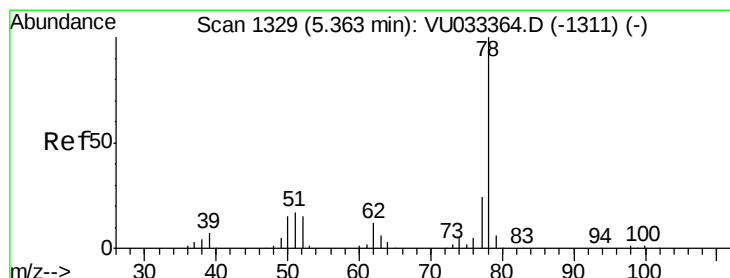
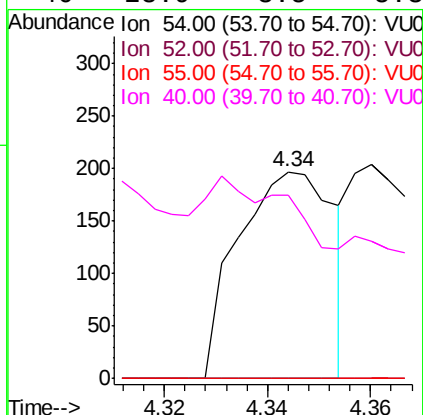
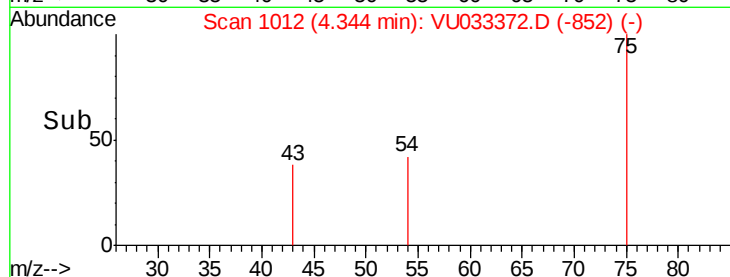
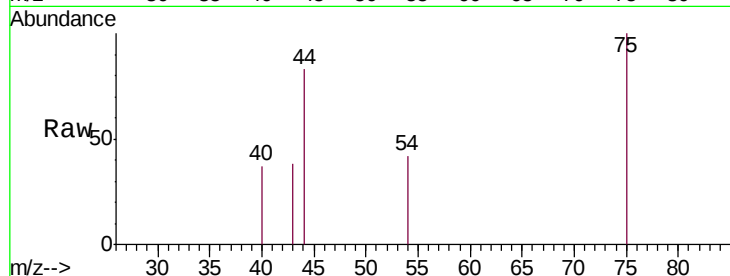




#34
 Propionitrile
 Concen: 0.408 ug/l
 RT: 4.34 min Scan# 1012
 Delta R.T. 0.02 min
 Lab File: VU033372.D
 Acq: 23 Jul 2019 11:00

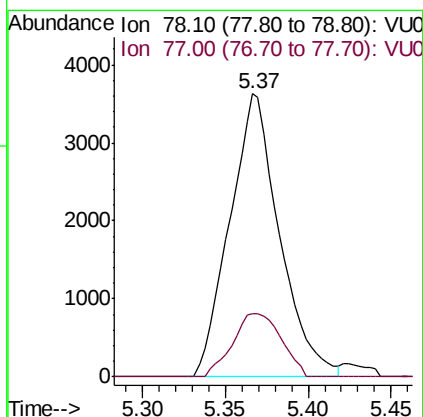
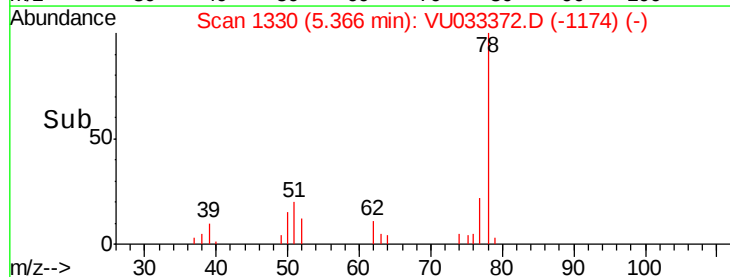
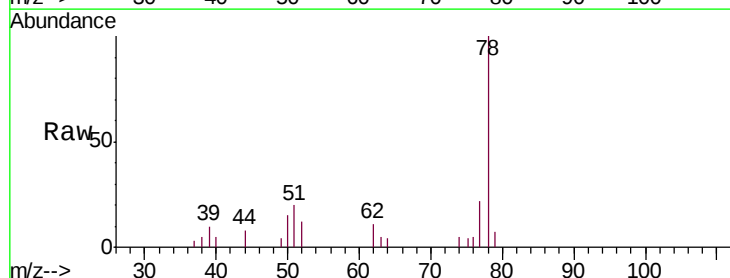
Instrument :
 MSVOA_U
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2019

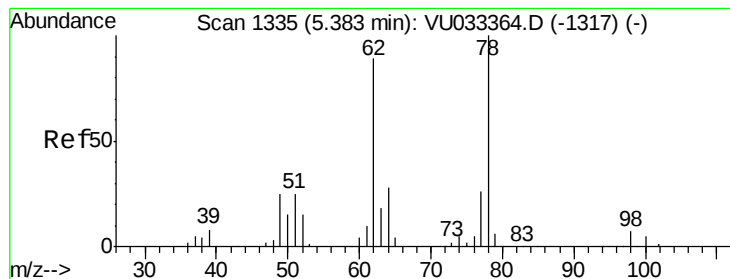
Tgt Ion: 54 Resp: 253
 Ion Ratio Lower Upper
 54 100
 52 0.0 17.1 25.7#
 55 0.0 11.6 17.4#
 40 28.9 3.5 5.3#



#35
 Benzene
 Concen: 0.237 ug/l
 RT: 5.37 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VU033372.D
 Acq: 23 Jul 2019 11:00

Tgt Ion: 78 Resp: 7574
 Ion Ratio Lower Upper
 78 100
 77 22.4 19.4 29.2





#36

1,2-Dichloroethane

Concen: 0.234 ug/l

RT: 5.39 min Scan# 1338

Delta R.T. 0.01 min

Lab File: VU033372.D

Acq: 23 Jul 2019 11:00

Instrument :

MSVOA_U

ClientSampleId :

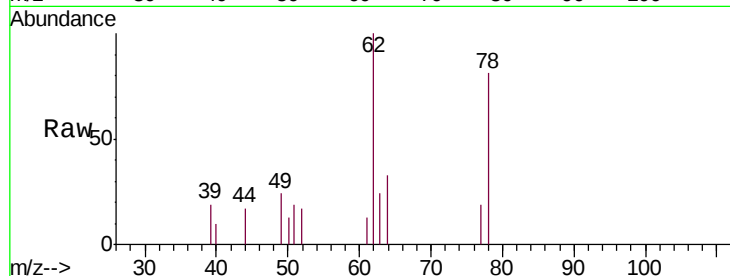
LOD-MDL-WATER-01-QT3-2019

Tgt Ion: 62 Resp: 2489

Ion Ratio Lower Upper

62 100

98 0.0 6.5 9.7#



Abundance Ion 62.00 (61.70 to 62.70): VU033372.D (-1180) (-)

Ion 98.00 (97.70 to 98.70): VU033372.D (-1180) (-)

5.39

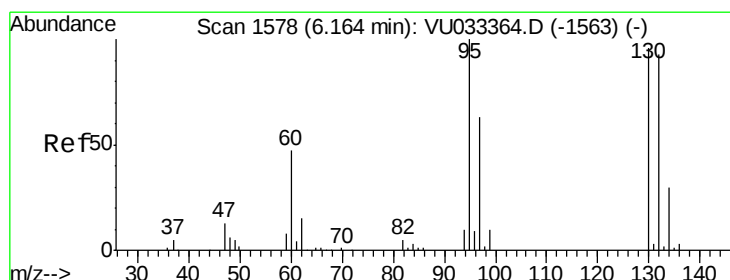
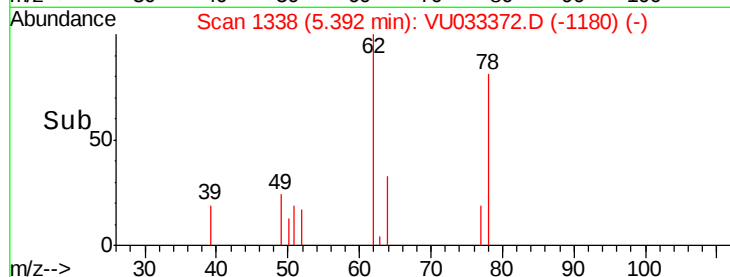
1000

500

0

Time-->

5.35 5.40 5.45



#37

Trichloroethene

Concen: 0.259 ug/l

RT: 6.17 min Scan# 1579

Delta R.T. 0.00 min

Lab File: VU033372.D

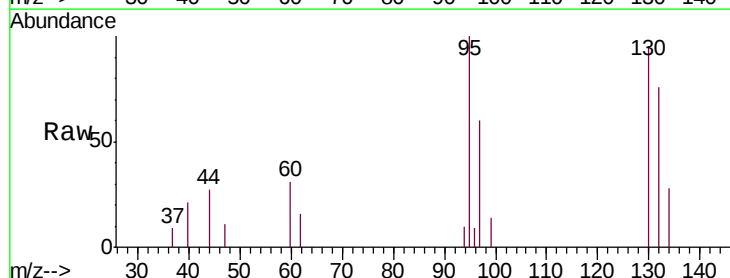
Acq: 23 Jul 2019 11:00

Tgt Ion: 130 Resp: 2180

Ion Ratio Lower Upper

130 100

95 105.6 83.4 125.0



Abundance Ion 129.90 (129.60 to 130.60): VU033372.D (-1423) (-)

Ion 94.90 (94.60 to 95.60): VU033372.D (-1423) (-)

6.17

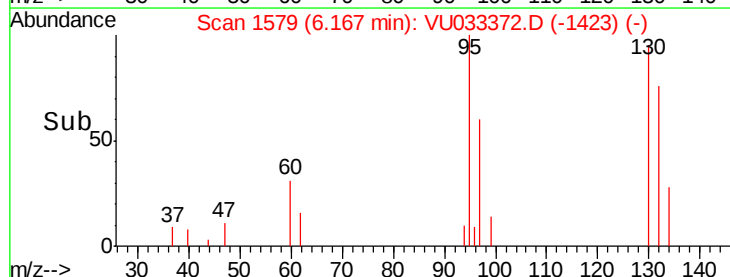
1000

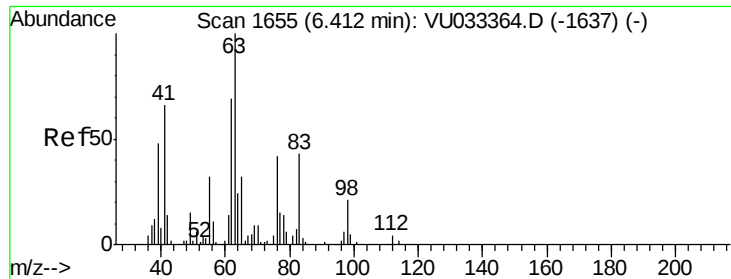
500

0

Time-->

6.10 6.15 6.20

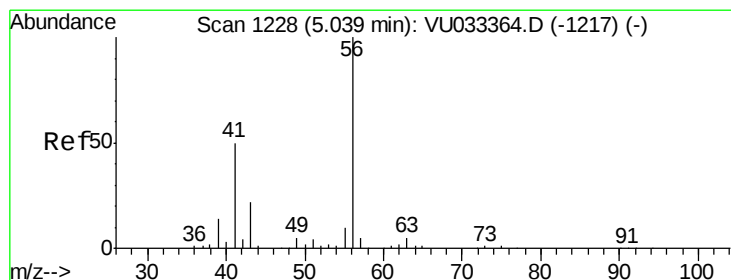
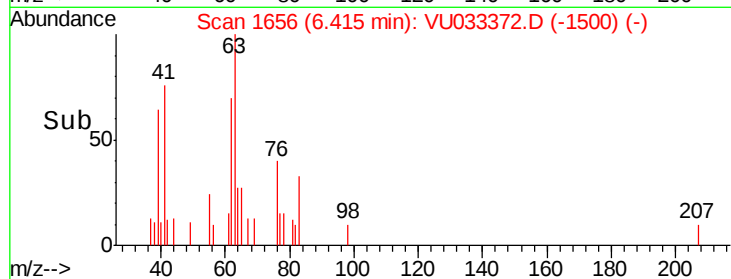
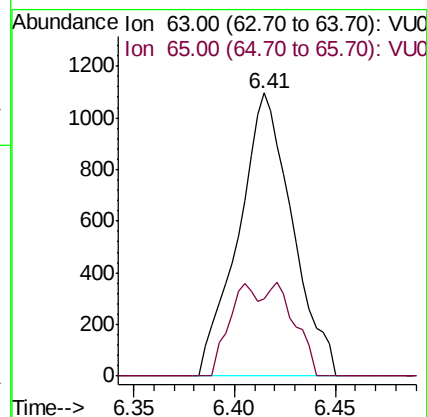
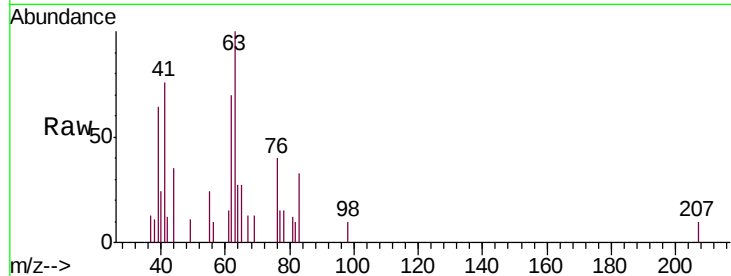




#38
 1,2-Dichloropropane
 Concen: 0.232 ug/l
 RT: 6.41 min Scan# 1656
 Delta R.T. 0.00 min
 Lab File: VU033372.D
 Acq: 23 Jul 2019 11:00

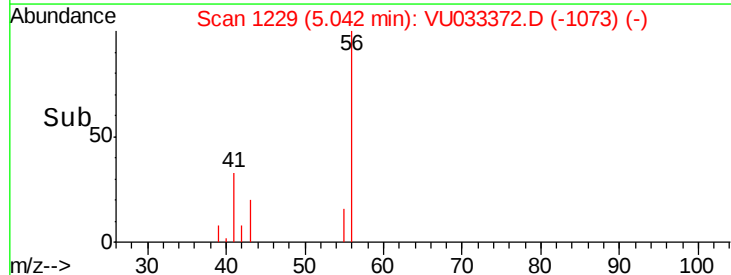
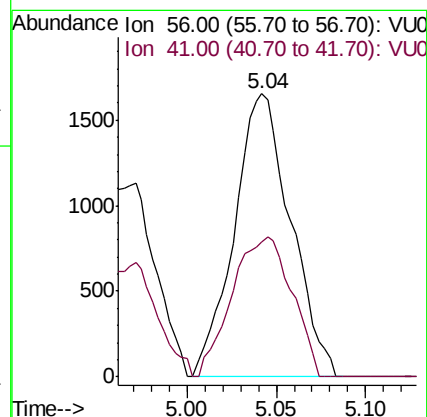
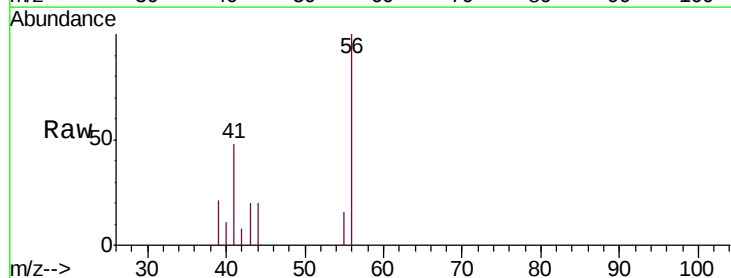
Instrument :
 MSVOA_U
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2019

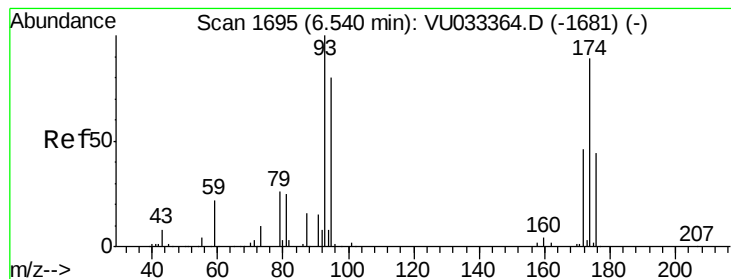
Tgt Ion: 63 Resp: 2040
 Ion Ratio Lower Upper
 63 100
 65 27.1 25.7 38.5



#42
 1-Chlorobutane
 Concen: 0.246 ug/l
 RT: 5.04 min Scan# 1229
 Delta R.T. 0.00 min
 Lab File: VU033372.D
 Acq: 23 Jul 2019 11:00

Tgt Ion: 56 Resp: 3646
 Ion Ratio Lower Upper
 56 100
 41 52.4 25.7 77.1





#43

Dibromomethane

Concen: 0.264 ug/l

RT: 6.55 min Scan# 1697

Delta R.T. 0.01 min

Lab File: VU033372.D

Acq: 23 Jul 2019 11:00

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT3-2019

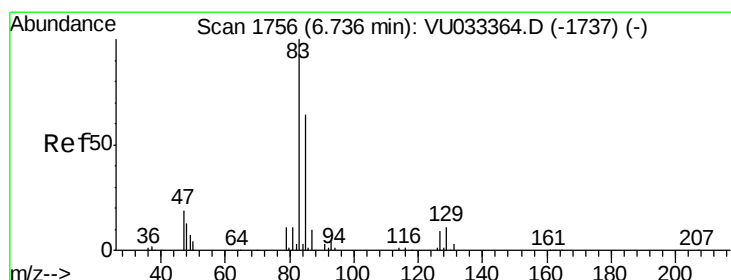
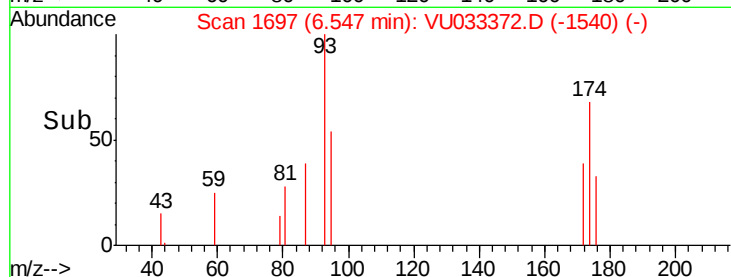
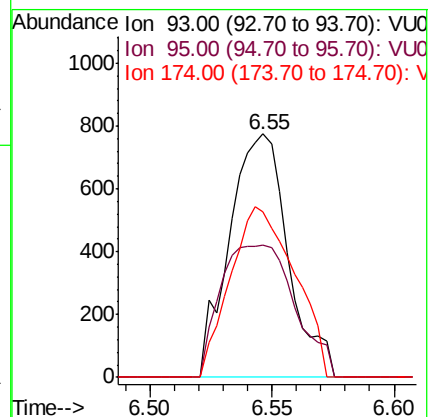
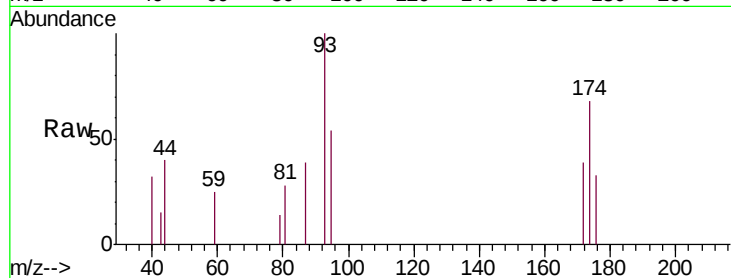
Tgt Ion: 93 Resp: 1287

Ion Ratio Lower Upper

93 100

95 69.0 65.3 97.9

174 77.2 70.7 106.1



#44

Bromodichloromethane

Concen: 0.277 ug/l

RT: 6.74 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VU033372.D

Acq: 23 Jul 2019 11:00

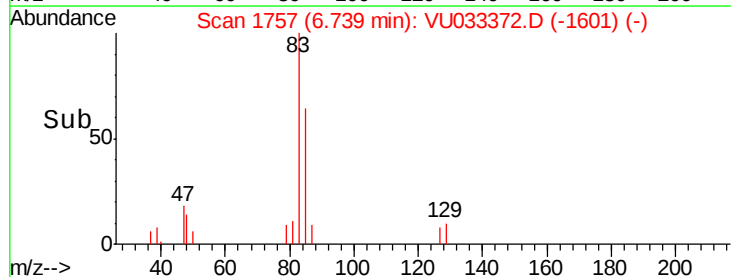
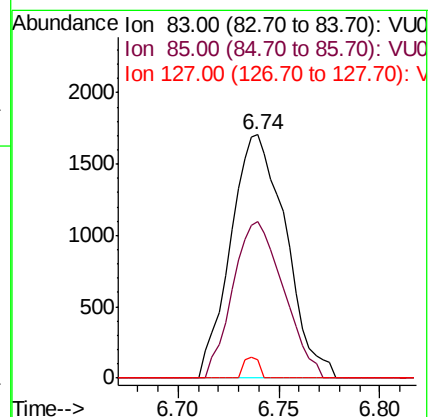
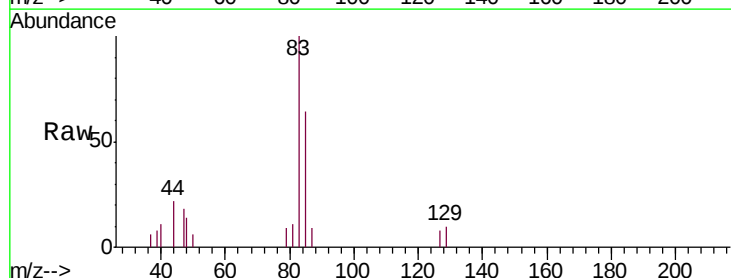
Tgt Ion: 83 Resp: 3256

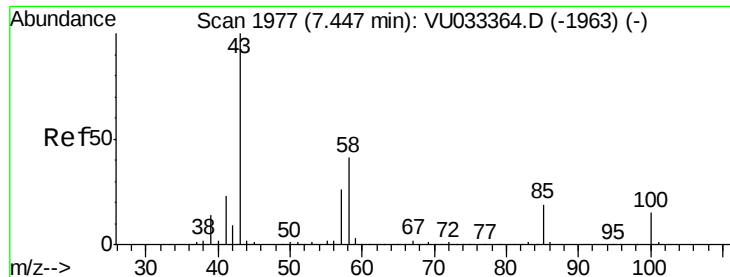
Ion Ratio Lower Upper

83 100

85 64.2 51.1 76.7

127 7.6 7.2 10.8

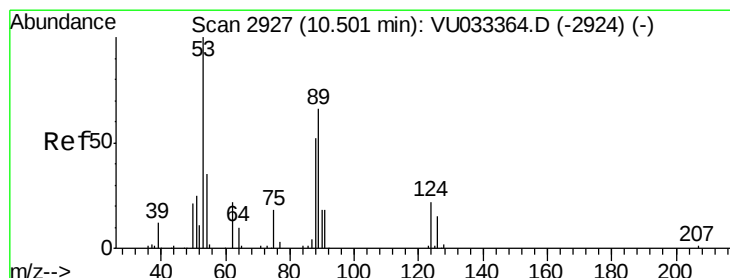
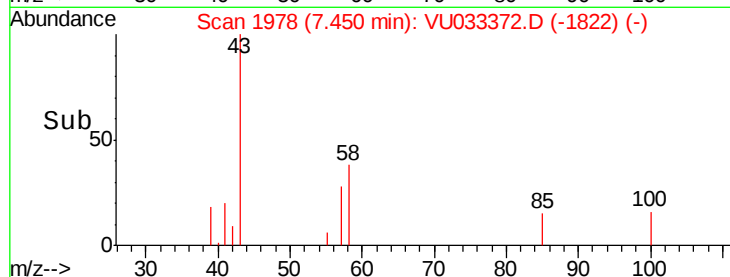
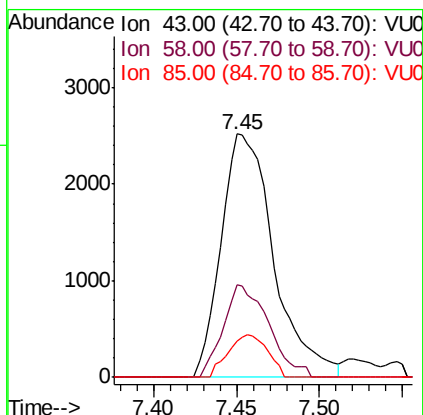
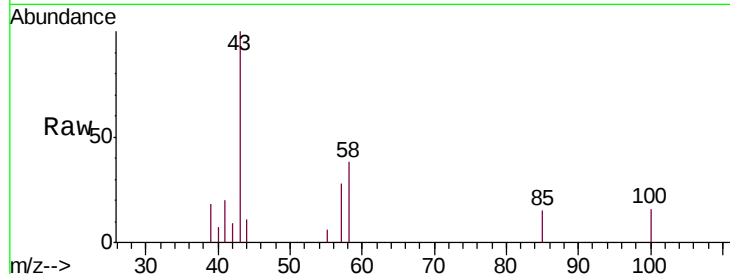




#45
4-Methyl-2-Pentanone
Concen: 1.119 ug/l
RT: 7.45 min Scan# 1978
Delta R.T. 0.00 min
Lab File: VU033372.D
Acq: 23 Jul 2019 11:00

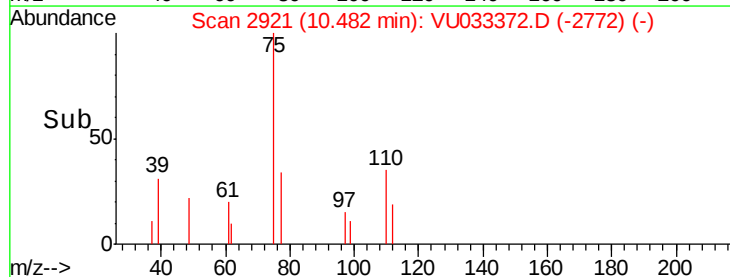
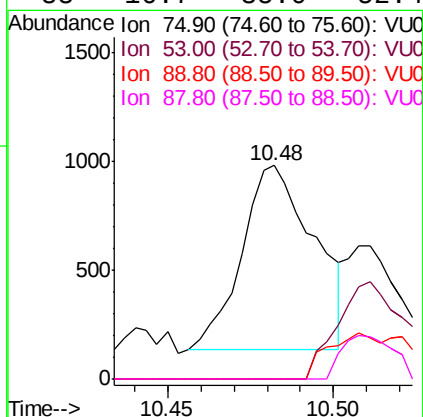
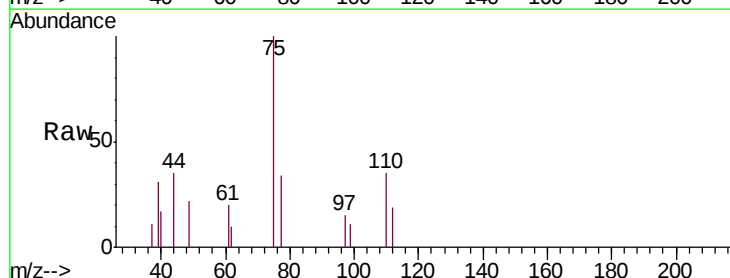
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

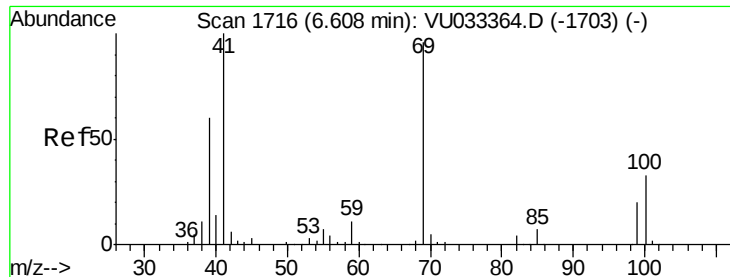
Tgt Ion: 43 Resp: 5565
Ion Ratio Lower Upper
43 100
58 32.8 20.3 60.8
85 13.0 15.0 22.6#



#46
t-1,4-Dichloro-2-butene
Concen: 0.637 ug/l
RT: 10.48 min Scan# 2921
Delta R.T. -0.02 min
Lab File: VU033372.D
Acq: 23 Jul 2019 11:00

Tgt Ion: 75 Resp: 1278
Ion Ratio Lower Upper
75 100
53 48.0 62.9 94.3#
89 17.8 43.0 64.4#
88 16.7 35.0 52.4#





#47

Methyl methacrylate

Concen: 0.361 ug/l

RT: 6.62 min Scan# 1720

Delta R.T. 0.01 min

Lab File: VU033372.D

Acq: 23 Jul 2019 11:00

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT3-2019

Tgt Ion: 69 Resp: 1343

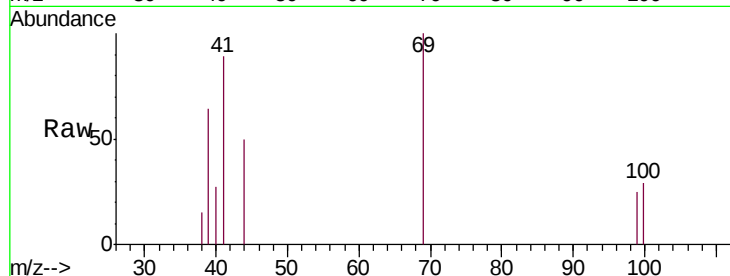
Ion Ratio Lower Upper

69 100

41 106.0 0.0 208.2

39 79.4 50.6 75.8#

100 18.7 27.2 40.8#

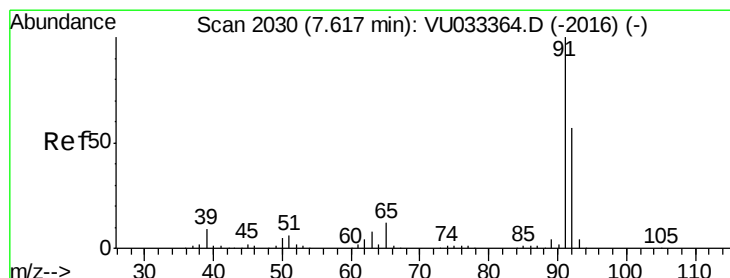
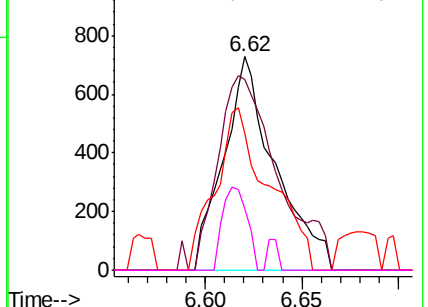
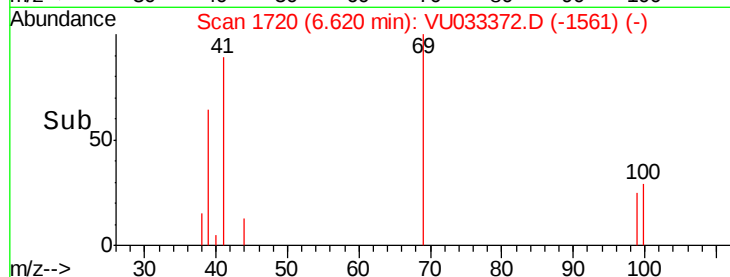


Abundance Ion 69.00 (68.70 to 69.70): VU033364.D (-1703) (-)

Ion 41.00 (40.70 to 41.70): VU033364.D (-1703) (-)

Ion 39.00 (38.70 to 39.70): VU033364.D (-1703) (-)

Ion 100.00 (99.70 to 100.70): VU033364.D (-1703) (-)



#49

Toluene

Concen: 0.209 ug/l

RT: 7.62 min Scan# 2031

Delta R.T. 0.00 min

Lab File: VU033372.D

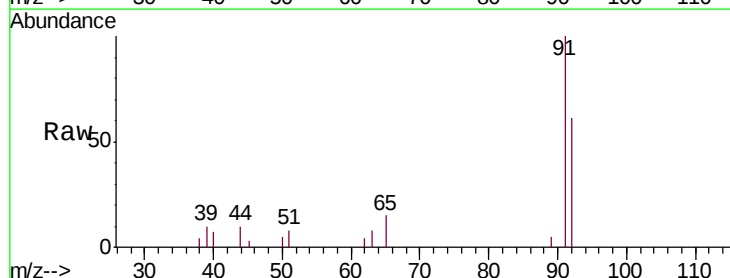
Acq: 23 Jul 2019 11:00

Tgt Ion: 92 Resp: 3831

Ion Ratio Lower Upper

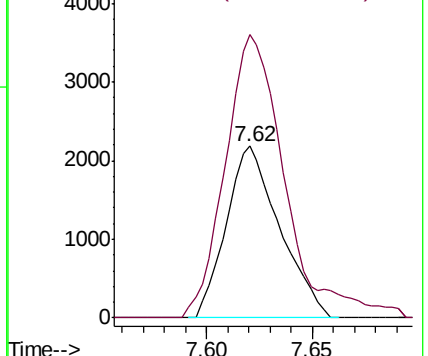
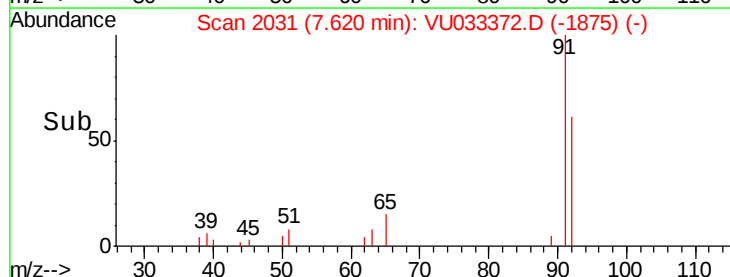
92 100

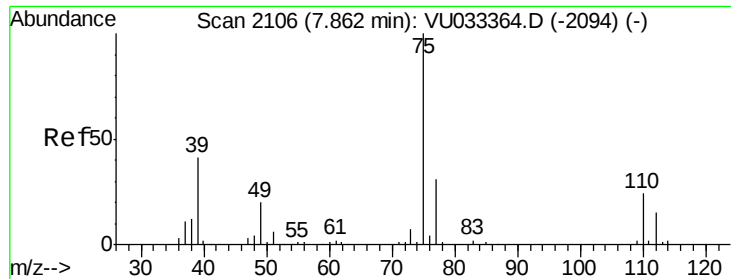
91 185.0 142.1 213.1



Abundance Ion 92.00 (91.70 to 92.70): VU033364.D (-2016) (-)

Ion 91.00 (90.70 to 91.70): VU033364.D (-2016) (-)

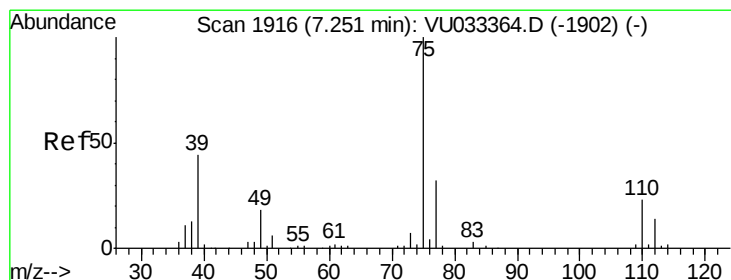
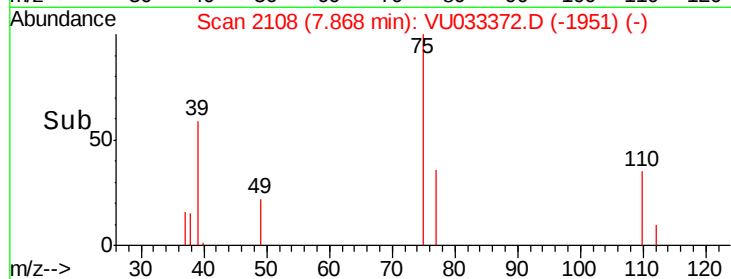
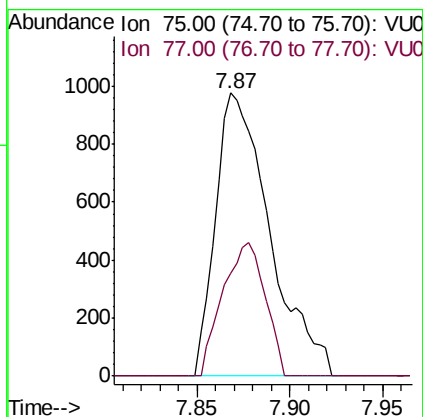
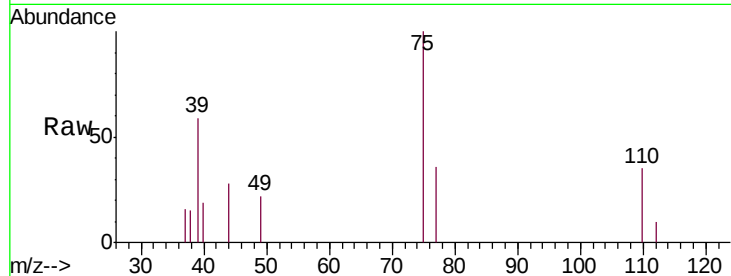




#50
 t-1,3-Dichloropropene
 Concen: 0.202 ug/l
 RT: 7.87 min Scan# 2108
 Delta R.T. 0.01 min
 Lab File: VU033372.D
 Acq: 23 Jul 2019 11:00

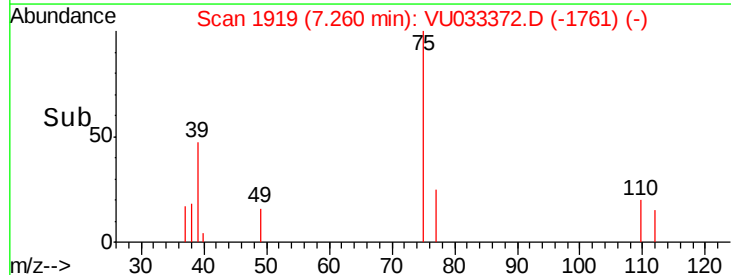
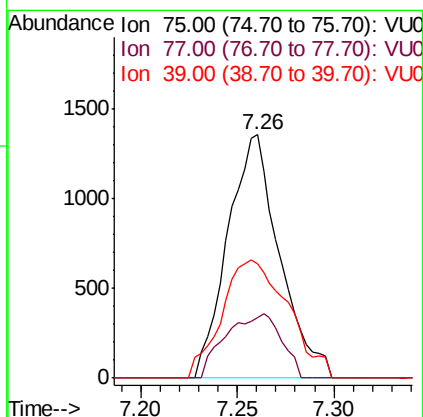
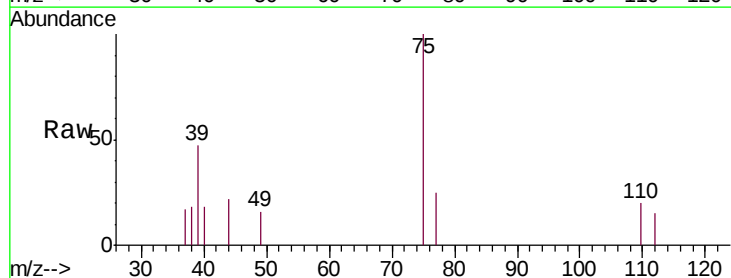
Instrument :
 MSVOA_U
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2019

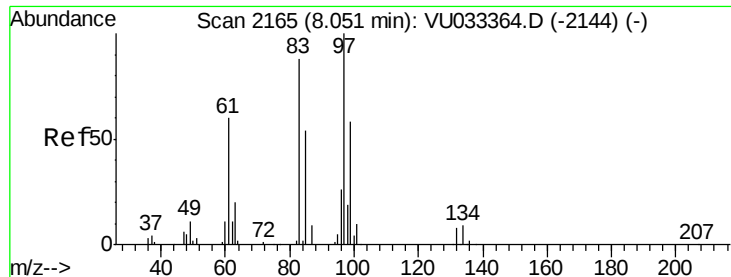
Tgt Ion: 75 Resp: 1983
 Ion Ratio Lower Upper
 75 100
 77 36.3 25.2 37.8



#51
 cis-1,3-Dichloropropene
 Concen: 0.218 ug/l
 RT: 7.26 min Scan# 1919
 Delta R.T. 0.01 min
 Lab File: VU033372.D
 Acq: 23 Jul 2019 11:00

Tgt Ion: 75 Resp: 2525
 Ion Ratio Lower Upper
 75 100
 77 25.1 25.8 38.8#
 39 47.1 35.2 52.8

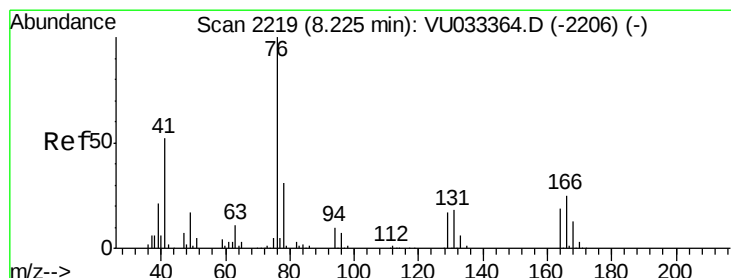
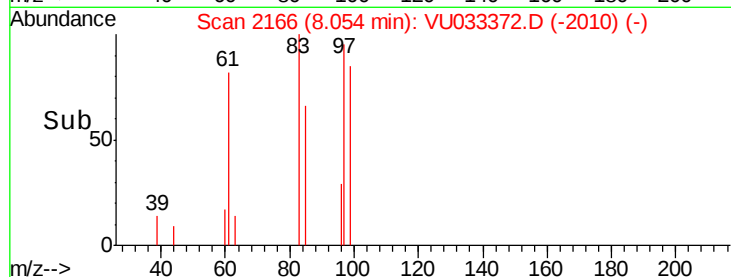
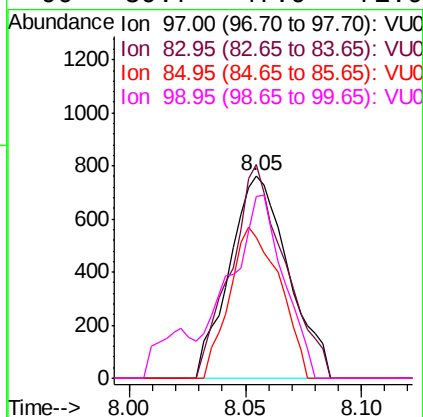
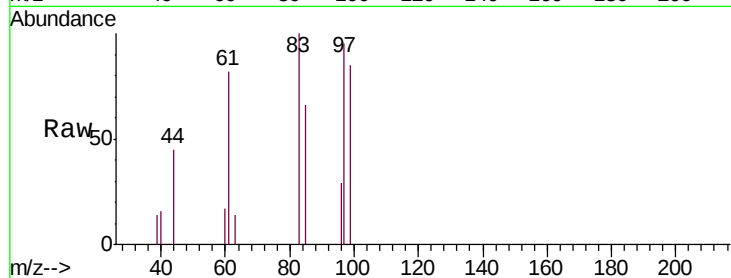




#52
 1,1,2-Trichloroethane
 Concen: 0.206 ug/l
 RT: 8.05 min Scan# 2166
 Delta R.T. 0.00 min
 Lab File: VU033372.D
 Acq: 23 Jul 2019 11:00

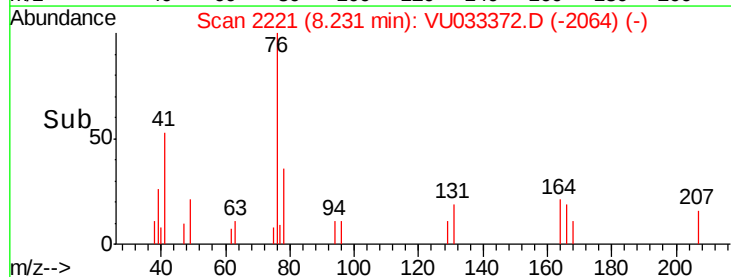
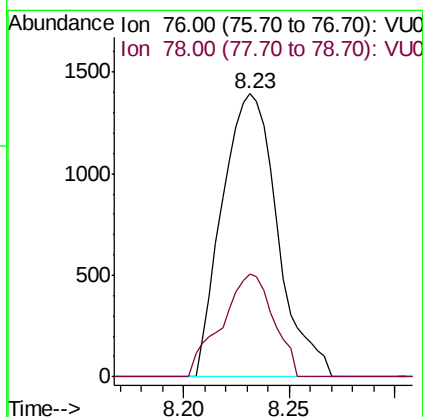
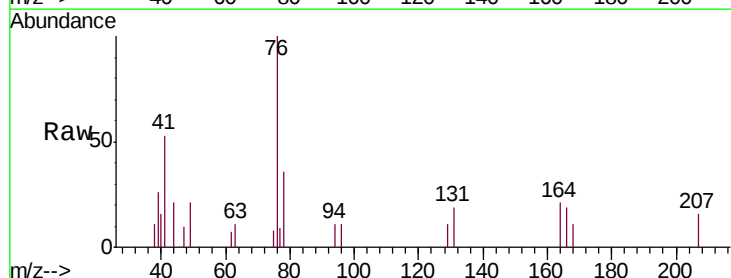
Instrument :
 MSVOA_U
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2019

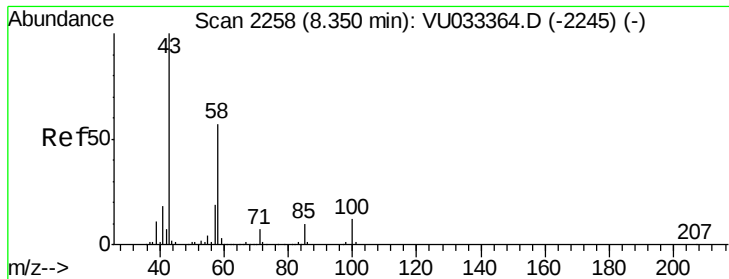
Tgt Ion: 97 Resp: 1345
 Ion Ratio Lower Upper
 97 100
 83 105.4 70.2 105.2#
 85 69.5 43.5 65.3#
 99 89.7 47.9 71.9#



#53
 1,3-Dichloropropane
 Concen: 0.231 ug/l
 RT: 8.23 min Scan# 2221
 Delta R.T. 0.01 min
 Lab File: VU033372.D
 Acq: 23 Jul 2019 11:00

Tgt Ion: 76 Resp: 2544
 Ion Ratio Lower Upper
 76 100
 78 33.9 25.7 38.5

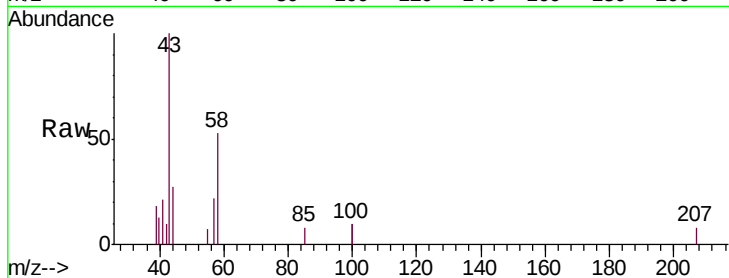




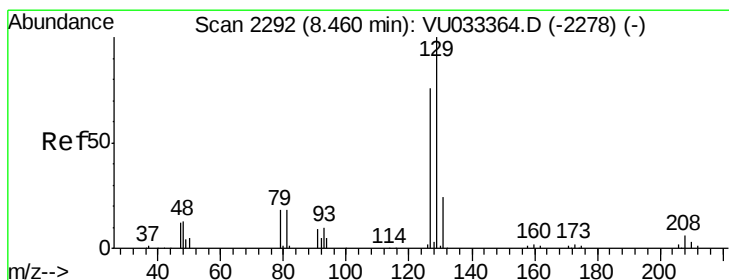
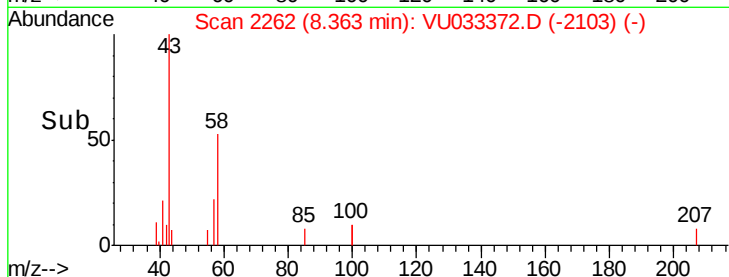
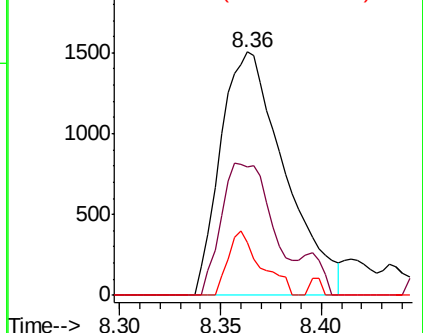
#54
2-Hexanone
Concen: 0.953 ug/l
RT: 8.36 min Scan# 2262
Delta R.T. 0.01 min
Lab File: VU033372.D
Acq: 23 Jul 2019 11:00

Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

Tgt Ion: 43 Resp: 3339
Ion Ratio Lower Upper
43 100
58 42.3 36.0 76.0
57 13.6 0.0 39.4

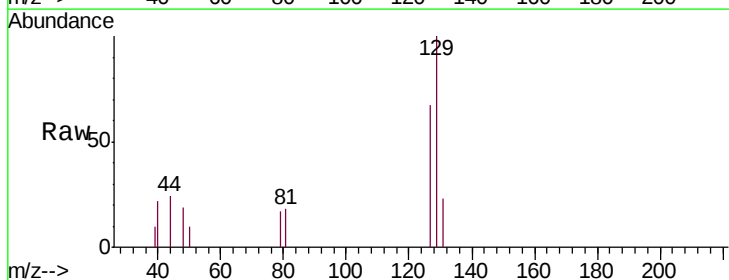


Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 58.00 (57.70 to 58.70): VU0
Ion 57.00 (56.70 to 57.70): VU0

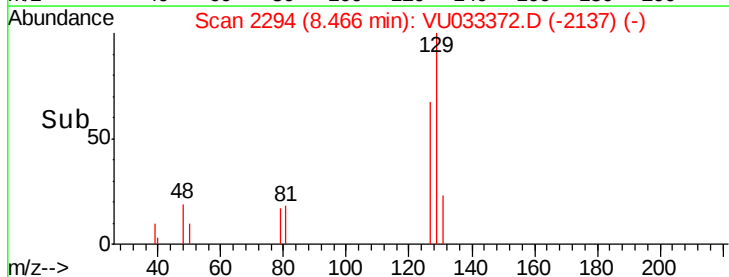
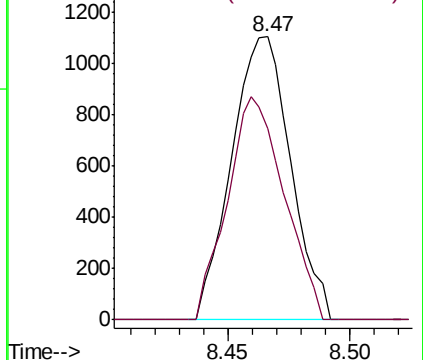


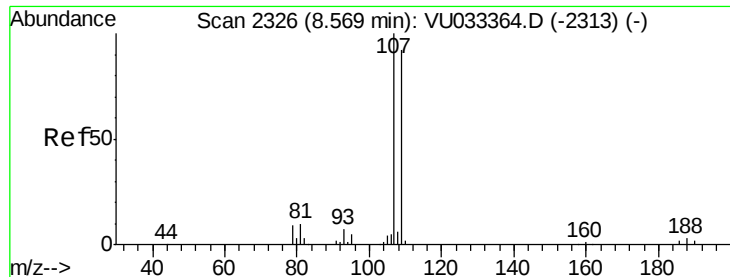
#55
Dibromochloromethane
Concen: 0.244 ug/l
RT: 8.47 min Scan# 2294
Delta R.T. 0.01 min
Lab File: VU033372.D
Acq: 23 Jul 2019 11:00

Tgt Ion: 129 Resp: 1860
Ion Ratio Lower Upper
129 100
127 75.9 60.9 91.3



Abundance Ion 129.00 (128.70 to 129.70): V
Ion 127.00 (126.70 to 127.70): V

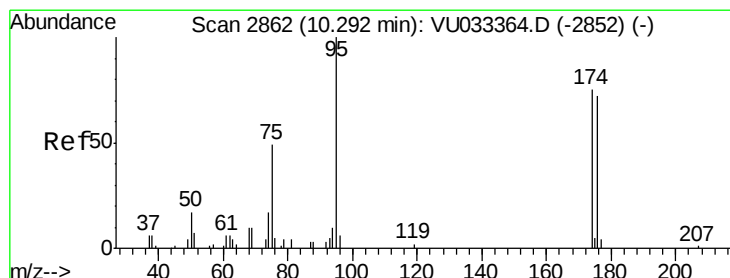
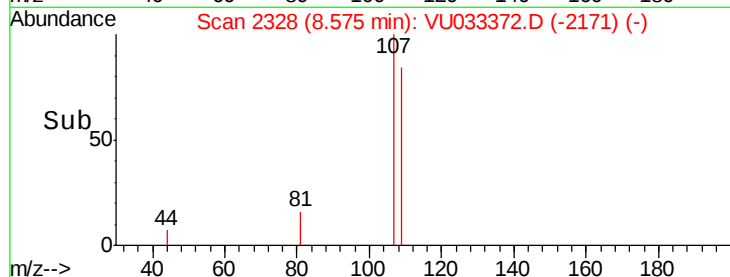
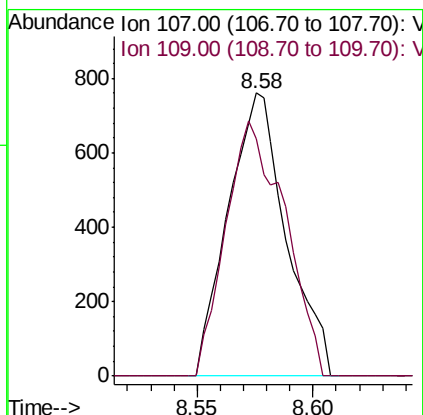
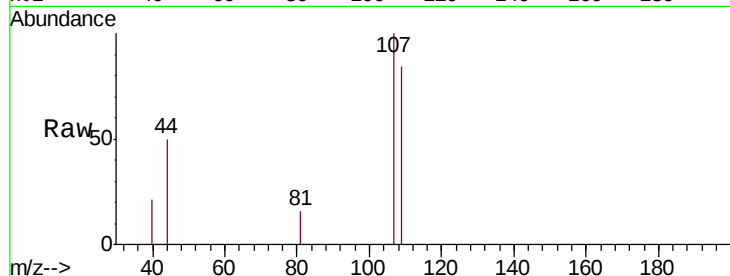




#56
 1,2-Dibromoethane
 Concen: 0.218 ug/l
 RT: 8.58 min Scan# 2326
 Delta R.T. 0.01 min
 Lab File: VU033372.D
 Acq: 23 Jul 2019 11:00

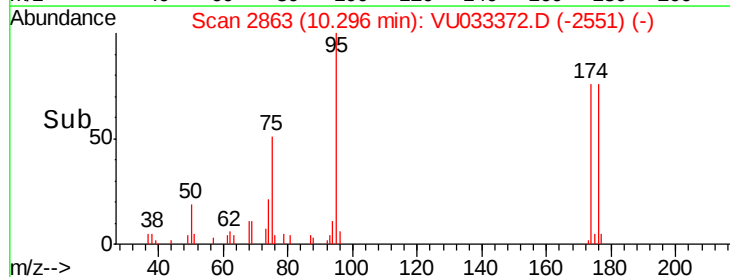
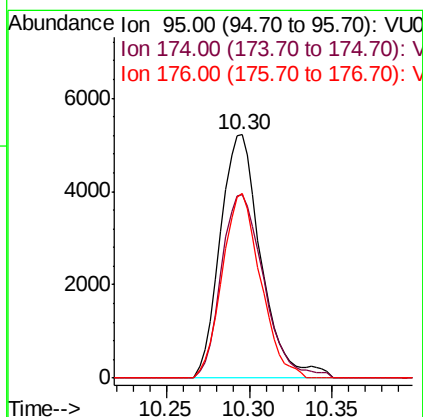
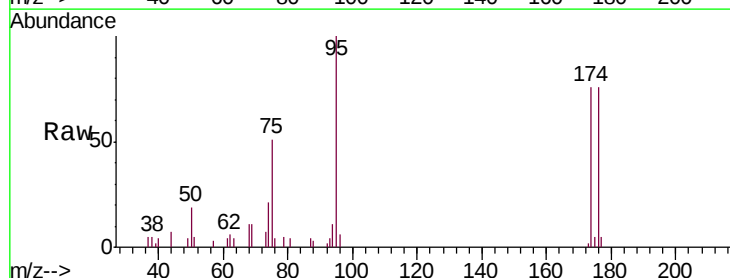
Instrument :
 MSVOA_U
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2019

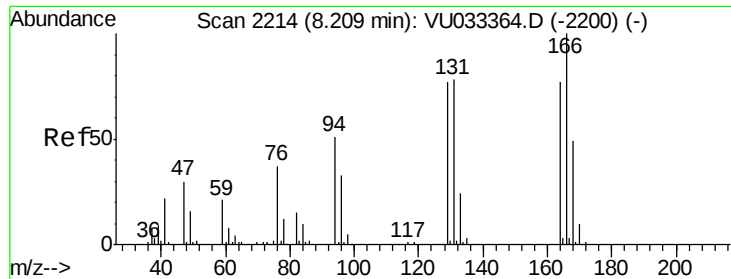
Tgt Ion: 107 Resp: 1327
 Ion Ratio Lower Upper
 107 100
 109 91.8 0.0 184.8



#57
 4-Bromofluorobenzene
 Concen: 0.850 ug/l
 RT: 10.30 min Scan# 2863
 Delta R.T. 0.00 min
 Lab File: VU033372.D
 Acq: 23 Jul 2019 11:00

Tgt Ion: 95 Resp: 8920
 Ion Ratio Lower Upper
 95 100
 174 78.5 58.8 88.2
 176 71.5 54.4 81.6

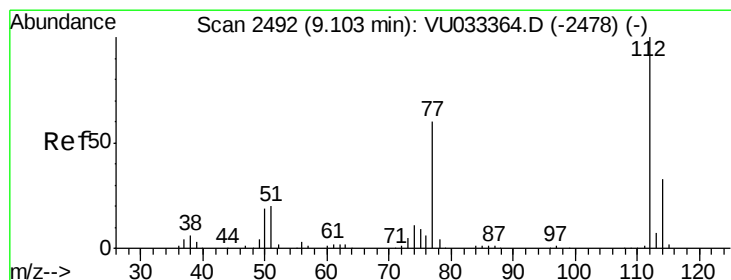
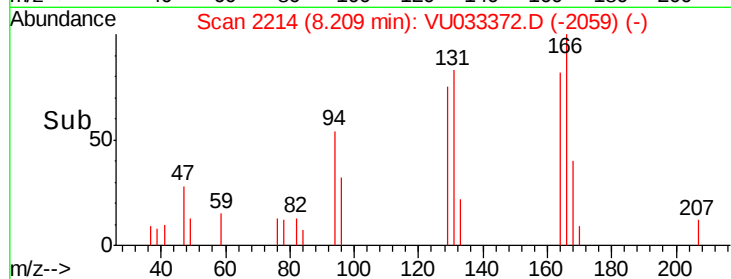
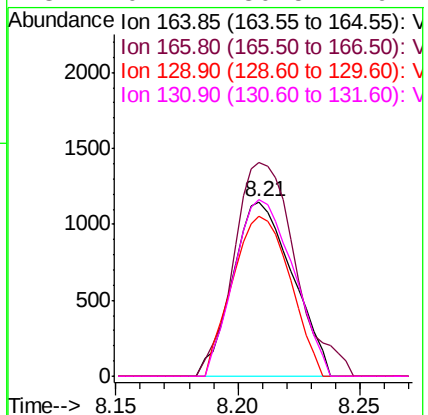
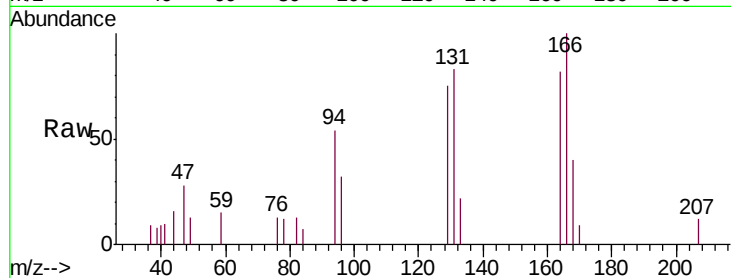




#58
Tetrachloroethene
Concen: 0.256 ug/l
RT: 8.21 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VU033372.D
Acq: 23 Jul 2019 11:00

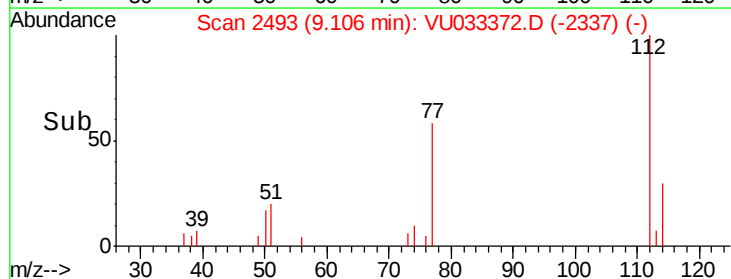
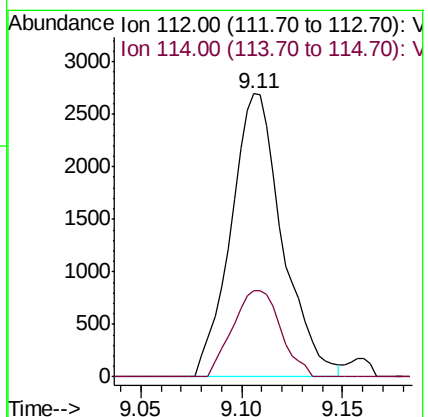
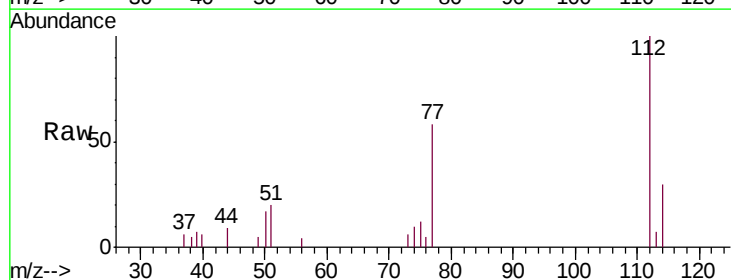
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

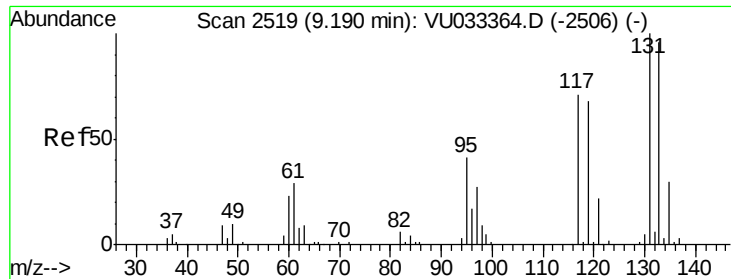
Tgt Ion:164 Resp: 1956
Ion Ratio Lower Upper
164 100
166 122.6 103.8 155.6
129 91.6 79.7 119.5
131 101.7 80.5 120.7



#59
Chlorobenzene
Concen: 0.229 ug/l
RT: 9.11 min Scan# 2493
Delta R.T. 0.00 min
Lab File: VU033372.D
Acq: 23 Jul 2019 11:00

Tgt Ion:112 Resp: 4807
Ion Ratio Lower Upper
112 100
114 30.5 26.4 39.6





#60

1,1,1,2-Tetrachloroethane

Concen: 0.239 ug/l

RT: 9.19 min Scan# 2520

Delta R.T. 0.00 min

Lab File: VU033372.D

Acq: 23 Jul 2019 11:00

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT3-2019

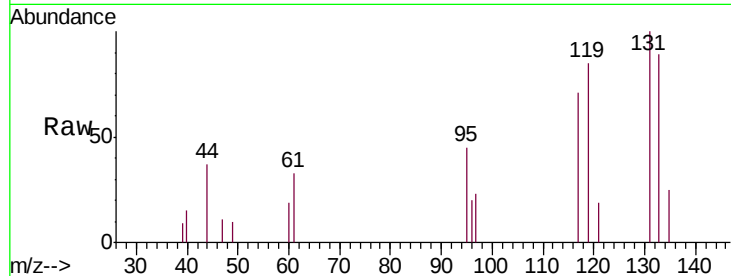
Tgt Ion:131 Resp: 1905

Ion Ratio Lower Upper

131 100

133 97.7 76.2 114.4

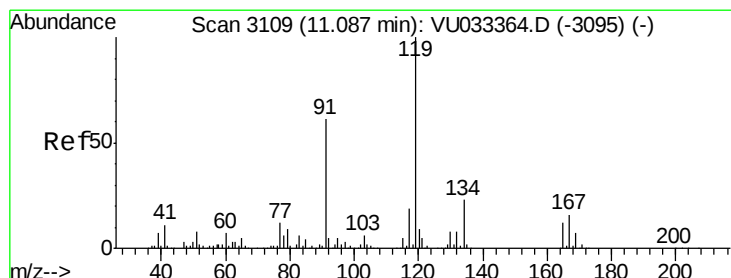
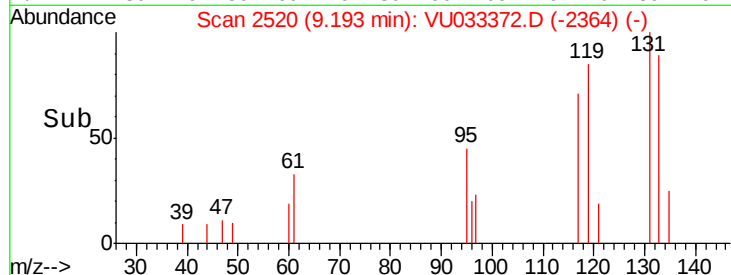
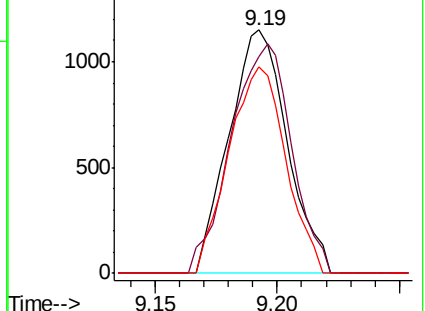
119 82.8 54.9 82.3#



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: 0.240 ug/l

RT: 11.09 min Scan# 3109

Delta R.T. -0.00 min

Lab File: VU033372.D

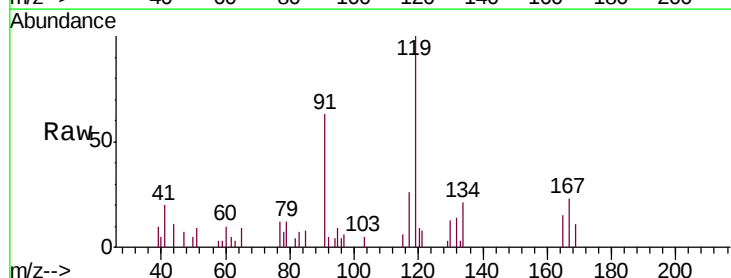
Acq: 23 Jul 2019 11:00

Tgt Ion:117 Resp: 1572

Ion Ratio Lower Upper

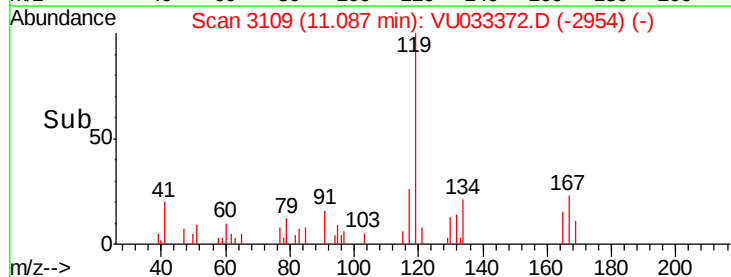
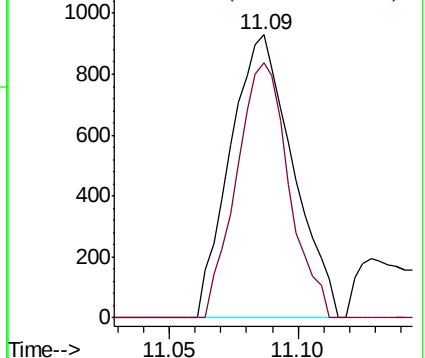
117 100

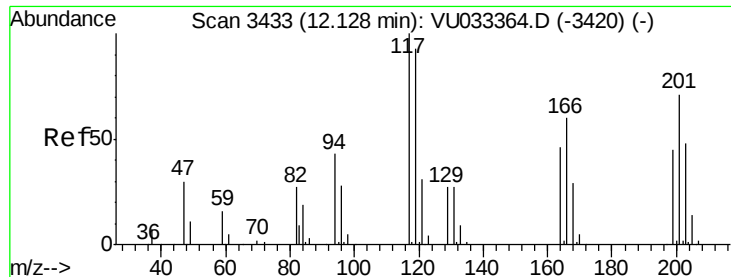
167 75.4 63.4 95.0



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 166.70 (166.40 to 167.40): V





#62

Hexachloroethane

Concen: 0.246 ug/l

RT: 12.13 min Scan# 3433

Delta R.T. -0.00 min

Lab File: VU033372.D

Acq: 23 Jul 2019 11:00

Instrument :

MSVOA_U

ClientSampleId :

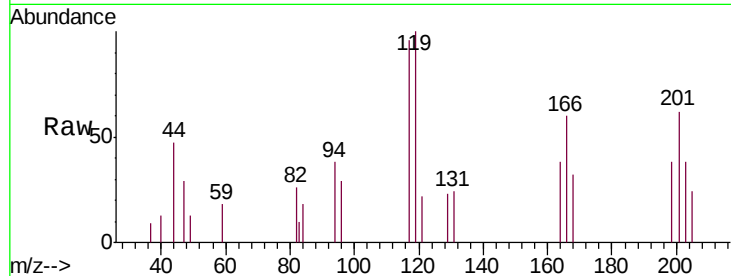
LOD-MDL-WATER-01-QT3-2019

Tgt Ion: 117 Resp: 1558

Ion Ratio Lower Upper

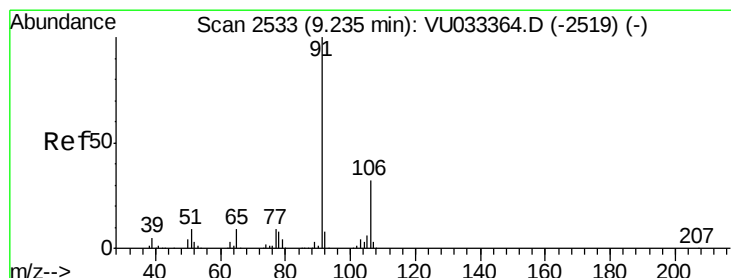
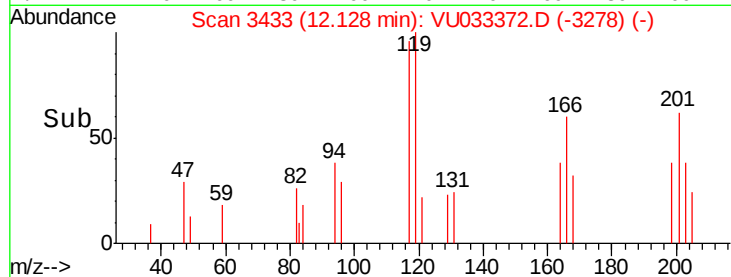
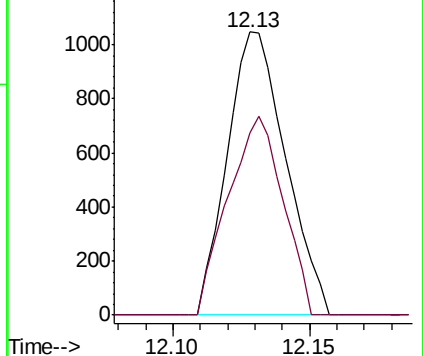
117 100

201 66.0 57.9 86.9



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.60 (200.30 to 201.30): V



#63

Ethyl Benzene

Concen: 0.202 ug/l

RT: 9.23 min Scan# 2533

Delta R.T. -0.00 min

Lab File: VU033372.D

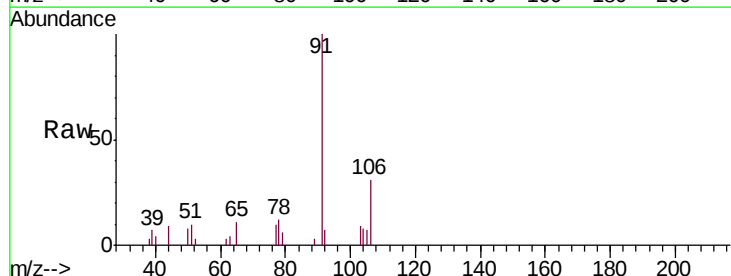
Acq: 23 Jul 2019 11:00

Tgt Ion: 91 Resp: 6800

Ion Ratio Lower Upper

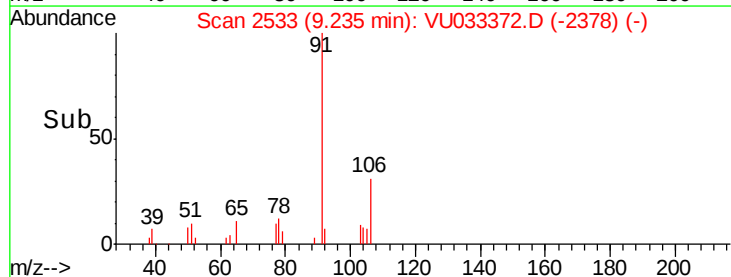
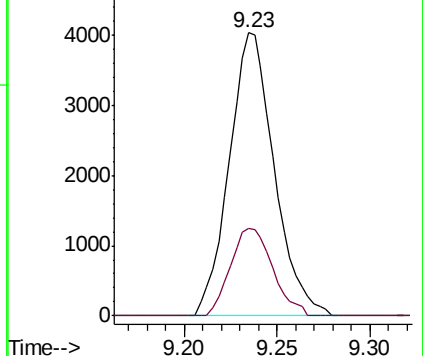
91 100

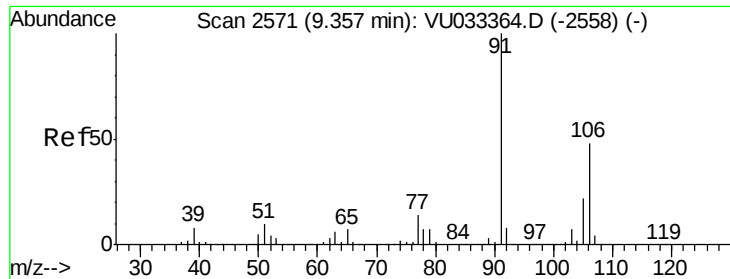
106 31.0 25.4 38.2



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 106.00 (105.70 to 106.70): V





#64

m/p-Xylenes

Concen: 0.370 ug/l

RT: 9.36 min Scan# 2572

Delta R.T. 0.00 min

Lab File: VU033372.D

Acq: 23 Jul 2019 11:00

Instrument :

MSVOA_U

ClientSampleId :

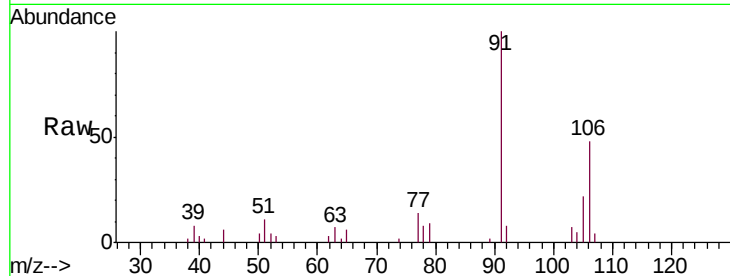
LOD-MDL-WATER-01-QT3-2019

Tgt Ion:106 Resp: 4976

Ion Ratio Lower Upper

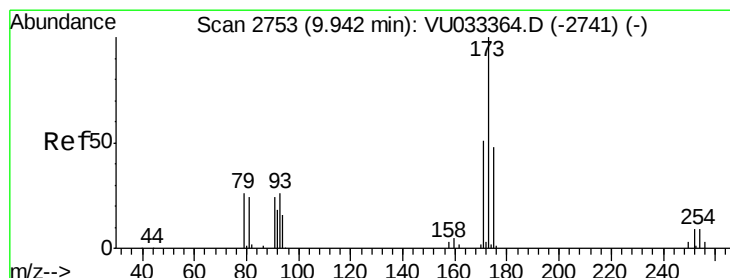
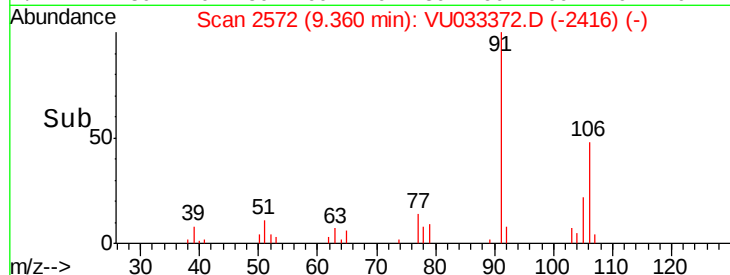
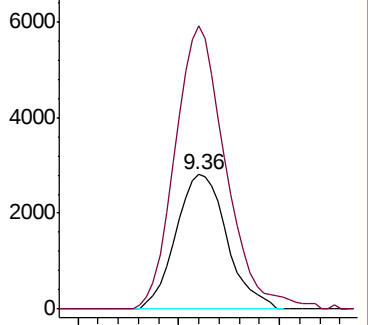
106 100

91 208.7 167.1 250.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0



#67

Bromoform

Concen: 0.233 ug/l

RT: 9.95 min Scan# 2754

Delta R.T. 0.00 min

Lab File: VU033372.D

Acq: 23 Jul 2019 11:00

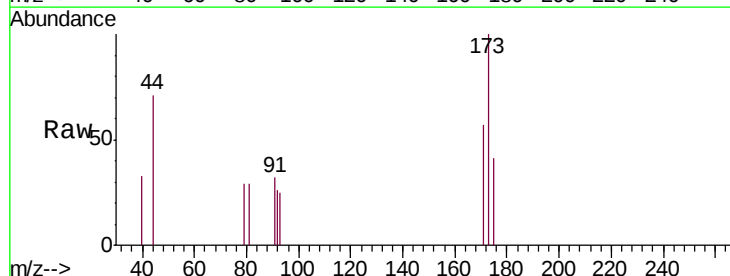
Tgt Ion:173 Resp: 959

Ion Ratio Lower Upper

173 100

175 34.4 38.6 58.0#

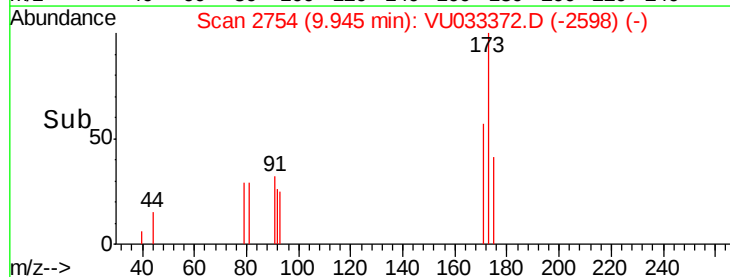
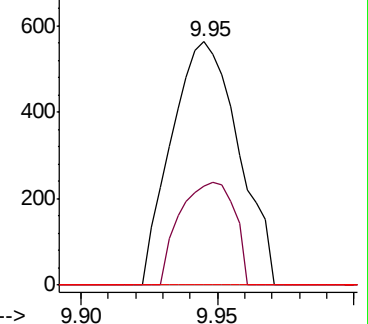
254 0.0 6.8 10.2#

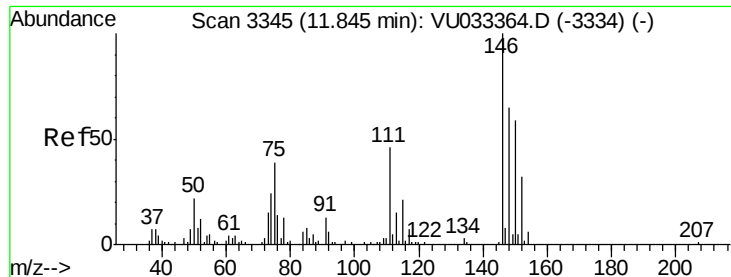


Abundance Ion 172.90 (172.60 to 173.60): V

Ion 174.90 (174.60 to 175.60): V

Ion 253.75 (253.45 to 254.45): V





#68

1,2-Dichlorobenzene-d4

Concen: 0.882 ug/l

RT: 11.85 min Scan# 3345

Delta R.T. -0.00 min

Lab File: VU033372.D

Acq: 23 Jul 2019 11:00

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT3-2019

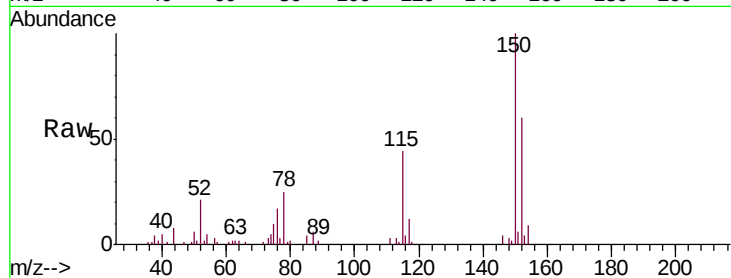
Tgt Ion:152 Resp: 9550

Ion Ratio Lower Upper

152 100

115 71.9 0.0 123.2

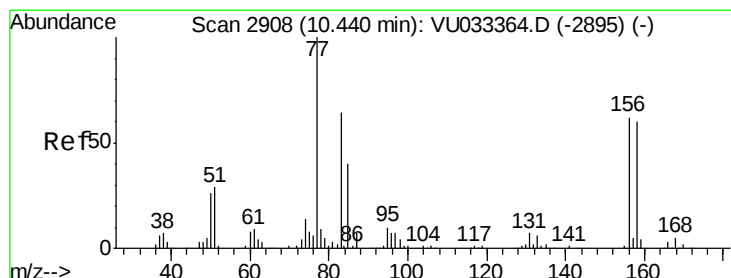
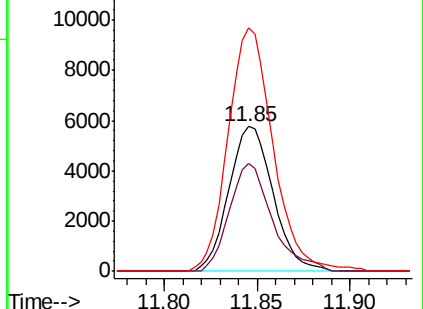
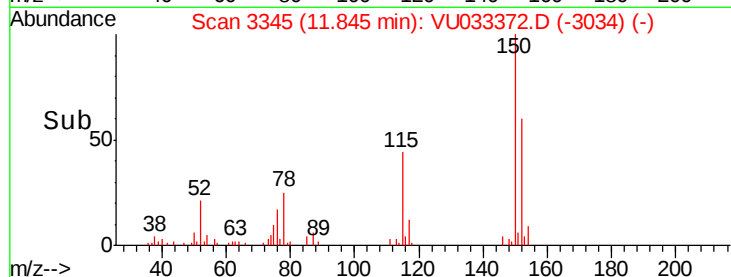
150 171.1 0.0 648.4



Abundance Ion 152.00 (151.70 to 152.70): V

Ion 115.00 (114.70 to 115.70): V

Ion 150.00 (149.70 to 150.70): V



#70

1,1,2,2-Tetrachloroethane

Concen: 0.249 ug/l

RT: 10.44 min Scan# 2909

Delta R.T. 0.00 min

Lab File: VU033372.D

Acq: 23 Jul 2019 11:00

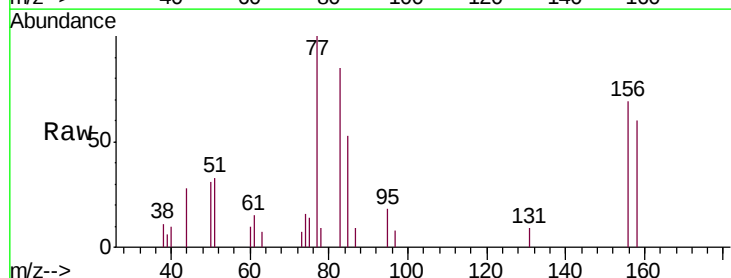
Tgt Ion: 83 Resp: 2152

Ion Ratio Lower Upper

83 100

131 4.5 8.0 12.0#

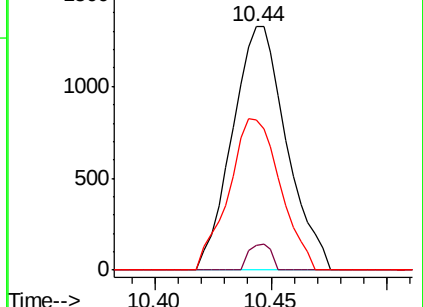
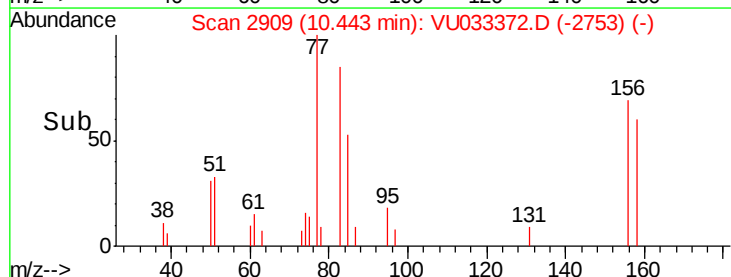
85 59.2 51.8 77.8

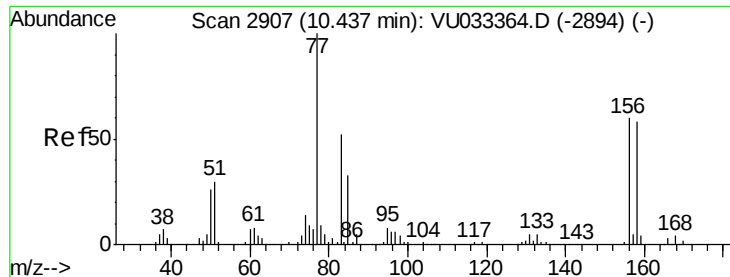


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VU0





#72

Bromobenzene

Concen: 0.206 ug/l

RT: 10.44 min Scan# 2908

Delta R.T. 0.00 min

Lab File: VU033372.D

Acq: 23 Jul 2019 11:00

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT3-2019

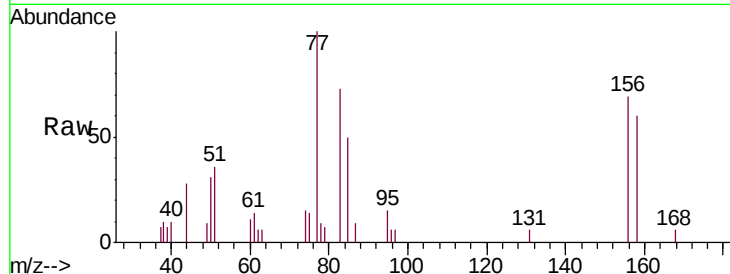
Tgt Ion:156 Resp: 1797

Ion Ratio Lower Upper

156 100

77 163.4 0.0 324.4

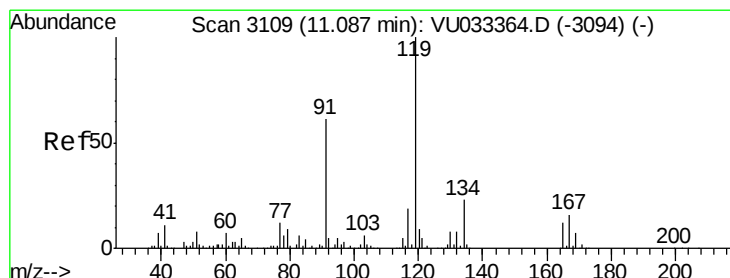
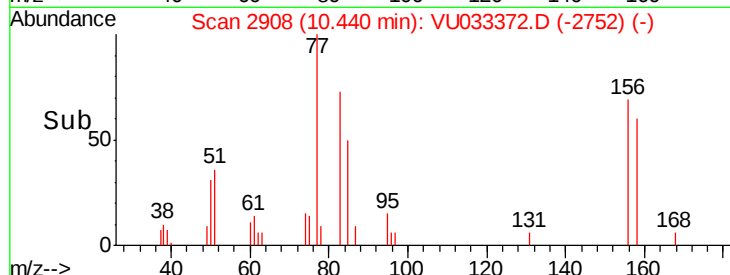
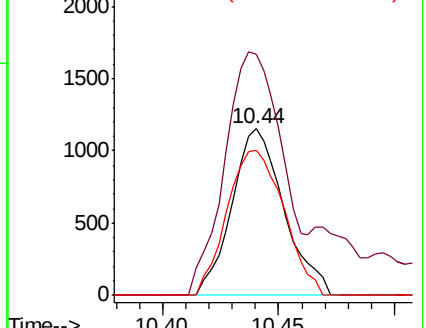
158 94.8 0.0 192.4



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



#77

tert-Butylbenzene

Concen: 0.202 ug/l

RT: 11.09 min Scan# 3109

Delta R.T. -0.00 min

Lab File: VU033372.D

Acq: 23 Jul 2019 11:00

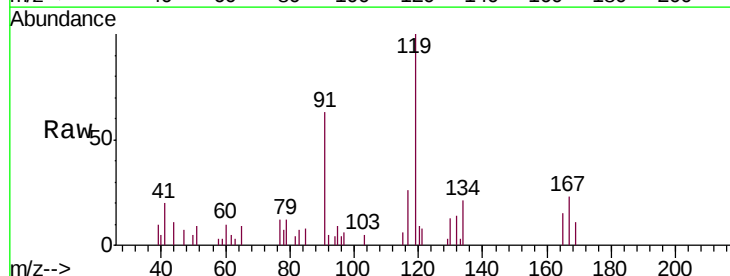
Tgt Ion:119 Resp: 5695

Ion Ratio Lower Upper

119 100

91 58.9 30.4 91.3

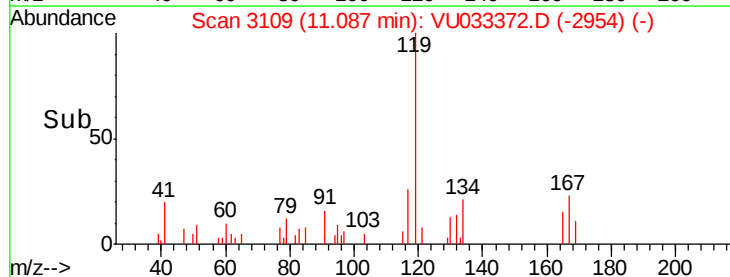
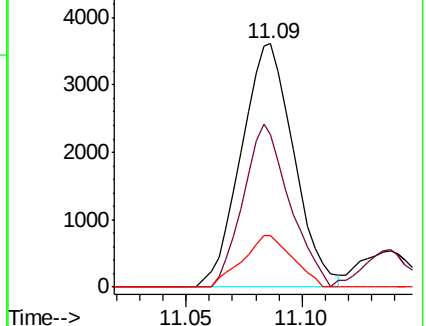
134 20.0 18.5 27.7

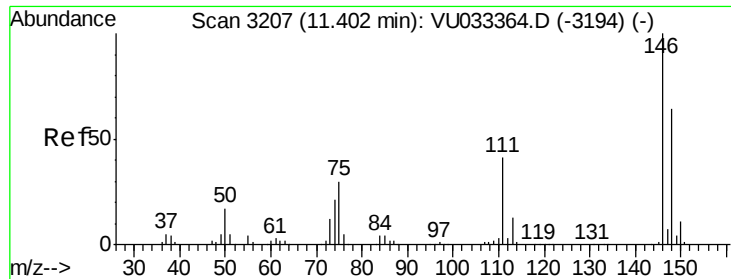


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VU0

Ion 134.00 (133.70 to 134.70): V





#82

1,3-Dichlorobenzene

Concen: 0.203 ug/l

RT: 11.40 min Scan# 3208

Delta R.T. 0.00 min

Lab File: VU033372.D

Acq: 23 Jul 2019 11:00

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT3-2019

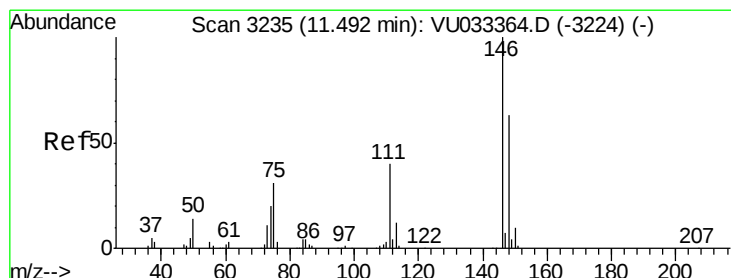
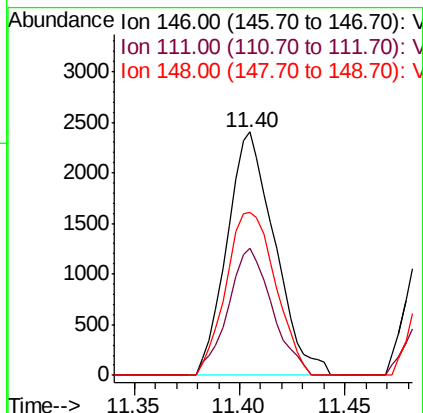
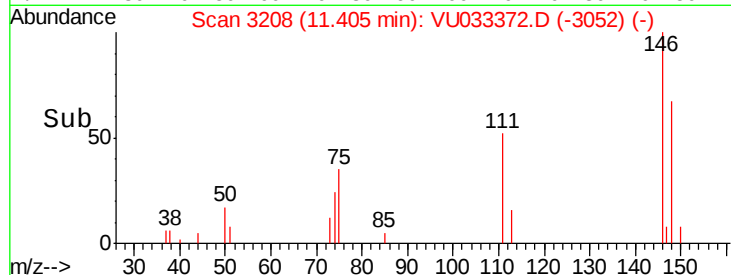
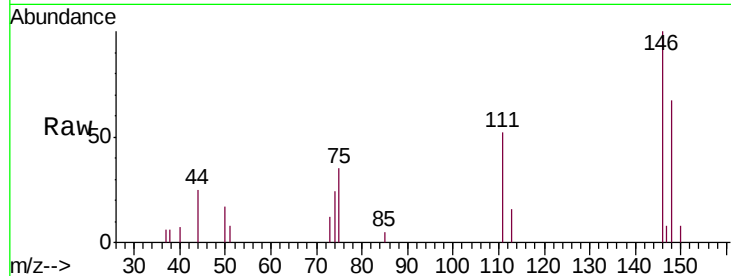
Tgt Ion:146 Resp: 3768

Ion Ratio Lower Upper

146 100

111 48.4 33.3 49.9

148 69.5 50.8 76.2



#83

1,4-Dichlorobenzene

Concen: 0.210 ug/l

RT: 11.50 min Scan# 3237

Delta R.T. 0.01 min

Lab File: VU033372.D

Acq: 23 Jul 2019 11:00

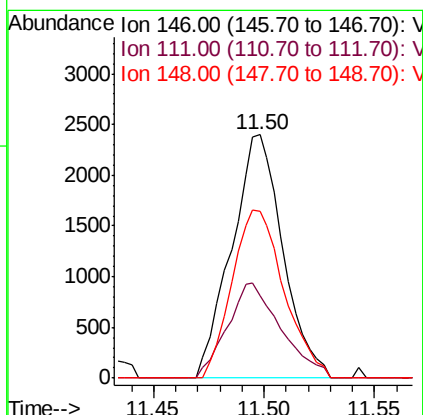
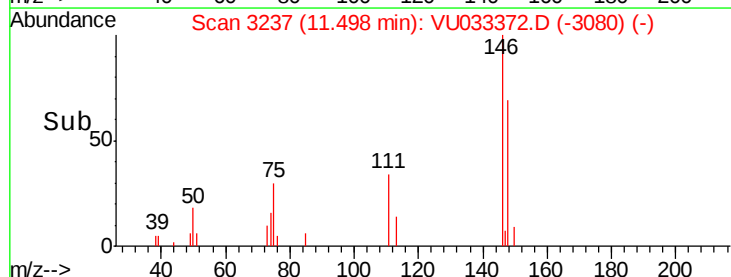
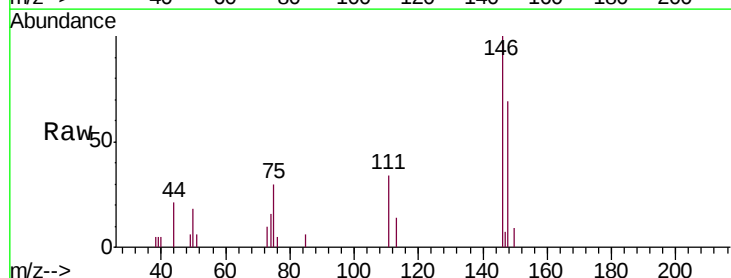
Tgt Ion:146 Resp: 3865

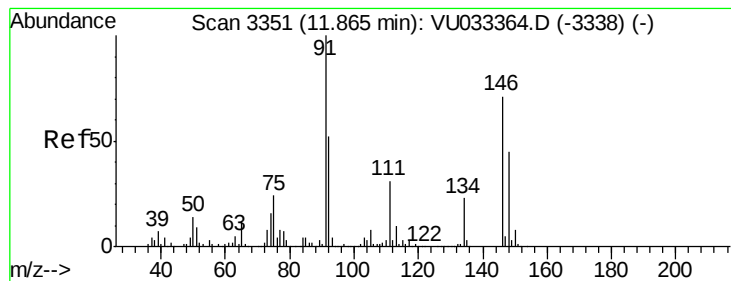
Ion Ratio Lower Upper

146 100

111 40.7 32.2 48.4

148 70.1 51.0 76.4





#85

1,2-Dichlorobenzene

Concen: 0.221 ug/l

RT: 11.86 min Scan# 3351

Delta R.T. -0.00 min

Lab File: VU033372.D

Acq: 23 Jul 2019 11:00

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT3-2019

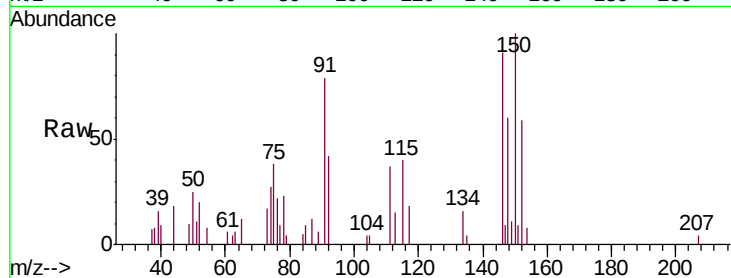
Tgt Ion:146 Resp: 3855

Ion Ratio Lower Upper

146 100

111 49.3 21.7 65.1

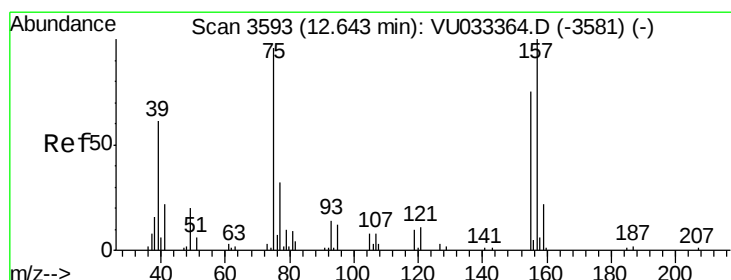
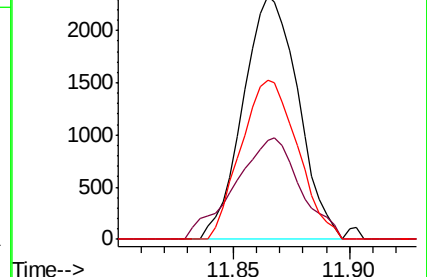
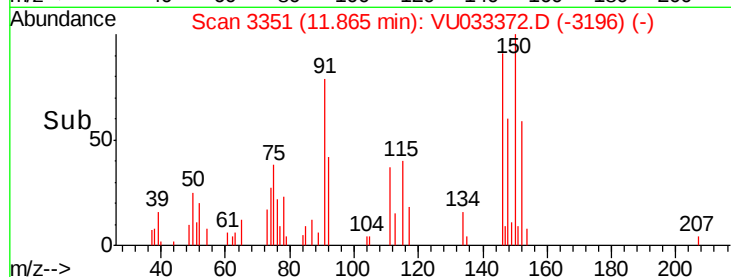
148 67.3 32.0 96.0



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



#86

1,2-Dibromo-3-Chloropropane

Concen: 0.225 ug/l

RT: 12.65 min Scan# 3596

Delta R.T. 0.01 min

Lab File: VU033372.D

Acq: 23 Jul 2019 11:00

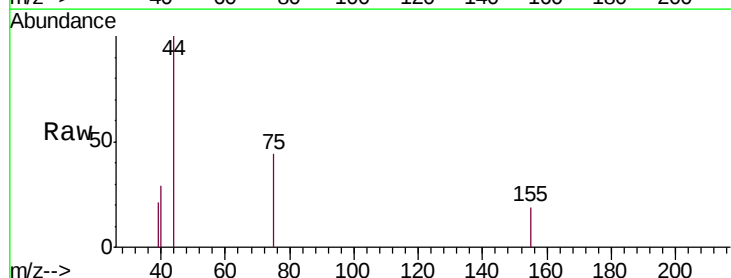
Tgt Ion: 75 Resp: 306

Ion Ratio Lower Upper

75 100

155 44.4 63.3 94.9#

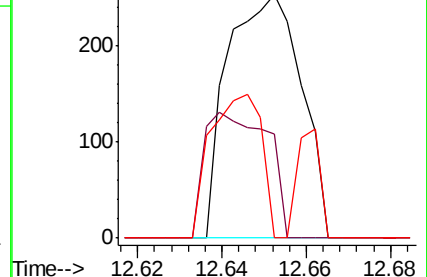
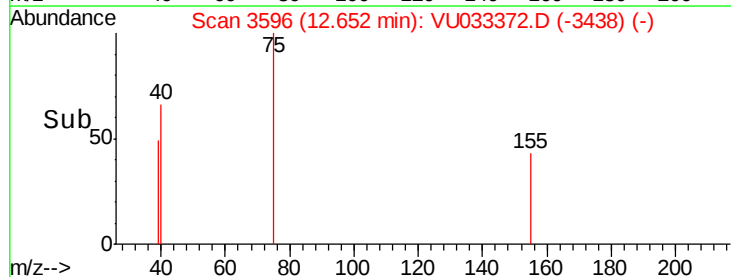
157 40.8 82.5 123.7#

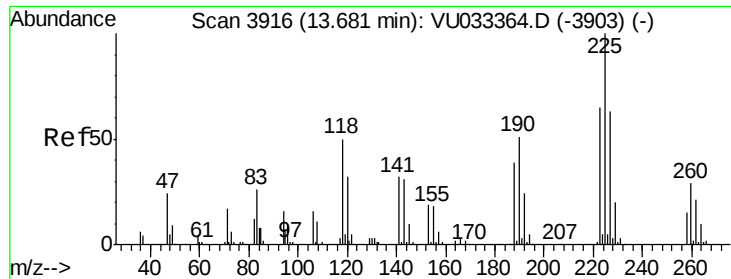


Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V





#88

Hexachlorobutadiene

Concen: 0.257 ug/l

RT: 13.68 min Scan# 3916

Delta R.T. -0.00 min

Lab File: VU033372.D

Acq: 23 Jul 2019 11:00

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT3-2019

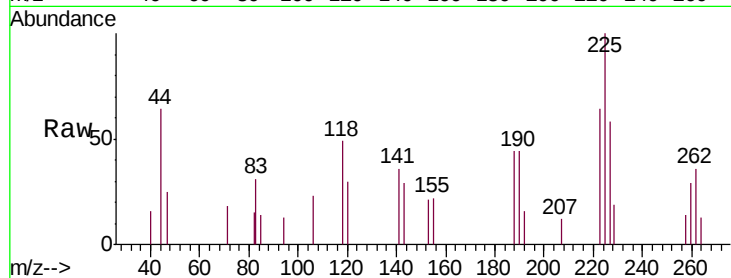
Tgt Ion: 225 Resp: 1641

Ion Ratio Lower Upper

225 100

223 56.7 52.2 78.4

227 59.5 51.7 77.5



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

