

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101822\
 Data File : VU051443.D
 Acq On : 18 Oct 2022 15:49
 Operator : JC/MD
 Sample : N4955-07 0.25PPB
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2022

Quant Time: Oct 19 03:56:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U101722DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Oct 19 03:54:58 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Fluorobenzene	6.112	96	45895	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.632	95	12906	0.802	ug/l	0.00
Spiked Amount 1.000			Recovery	=	80.000%	
68) 1,2-Dichlorobenzene-d4	12.195	152	14631	0.814	ug/l	0.00
Spiked Amount 1.000			Recovery	=	81.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	4052	0.253	ug/l	97
3) Chloromethane	1.533	50	7952	0.315	ug/l	99
4) Vinyl Chloride	1.604	62	5696	0.261	ug/l #	83
5) Bromomethane	1.854	94	4276	0.351	ug/l	95
6) Chloroethane	1.932	64	3744	0.300	ug/l	92
7) Trichlorofluoromethane	2.137	101	6054	0.248	ug/l	91
8) 1,1,2-Trichloro-1,2,2-...	2.581	101	3977	0.295	ug/l	94
9) 1,1-Dichloroethene	2.581	96	4103	0.291	ug/l	84
10) Iodomethane	2.719	142	4948	0.271	ug/l	98
11) Allyl Chloride	2.922	41	5951	0.277	ug/l	85
12) Acrylonitrile	3.317	53	2637	0.636	ug/l #	80
13) Acetone	2.623	43	5318	1.782	ug/l	91
14) Carbon Disulfide	2.790	76	14463	0.288	ug/l	97
15) Methylene Chloride	3.044	84	13121	0.636	ug/l	97
16) trans-1,2-Dichloroethene	3.346	96	4544	0.281	ug/l	88
17) 1,1-Dichloroethane	3.867	63	7860	0.271	ug/l	94
18) 2-Butanone	4.726	43	4036	1.114	ug/l	95
19) Cyclohexane	5.385	56	3401	0.189	ug/l #	65
20) Methylcyclohexane	6.767	83	3550	0.199	ug/l #	80
21) 2,2-Dichloropropane	4.668	77	5856	0.289	ug/l	97
22) cis-1,2-Dichloroethene	4.668	96	4085	0.267	ug/l	99
23) Diethyl Ether	2.379	59	3156	0.257	ug/l	90
24) tert-Butyl Alcohol	3.189	59	5006	3.881	ug/l #	89
25) Methyl tert-Butyl Ether	3.369	73	10171	0.278	ug/l	99
26) Bromochloromethane	4.973	128	1701	0.228	ug/l	84
27) Chloroform	5.092	83	8456	0.288	ug/l	96
28) 1,1,1-Trichloroethane	5.311	97	6067	0.258	ug/l	96
29) 1,1-Dichloropropene	5.523	75	4024	0.224	ug/l	93
30) Carbon Tetrachloride	5.520	117	5148	0.260	ug/l	93
31) Isopropyl Ether	3.999	45	8597	0.250	ug/l	65
32) Ethyl-t-butyl ether	4.510	59	7341	0.234	ug/l	97
33) Tert-Amyl methyl ether	5.944	73	6049	0.220	ug/l #	95
34) Propionitrile	4.793	54	820	0.674	ug/l #	69
35) Benzene	5.774	78	15292	0.253	ug/l	93
36) 1,2-Dichloroethane	5.796	62	4906	0.264	ug/l	95
37) Trichloroethene	6.542	130	3518	0.248	ug/l	95
38) 1,2-Dichloropropane	6.790	63	4085	0.247	ug/l #	87
39) Methacrylonitrile	4.983	41	446	0.107	ug/l	89
40) Methyl acrylate	4.832	55	44	0.007	ug/l #	66
41) Tetrahydrofuran	5.060	42	695	0.318	ug/l #	83
42) 1-Chlorobutane	5.456	56	5534	0.226	ug/l	98
43) Dibromomethane	6.919	93	2204	0.257	ug/l	97
44) Bromodichloromethane	7.108	83	5257	0.253	ug/l	98

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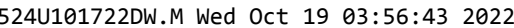
Instrument :
 MSVOA_U
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2022

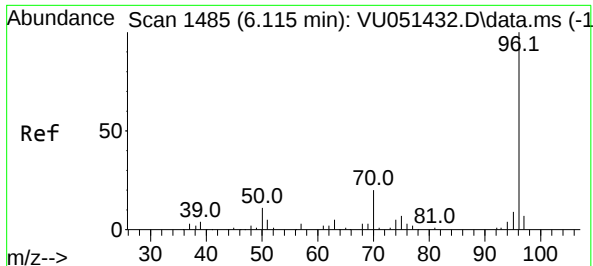
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 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.796	43	9096	1.112	ug/l	92
46) t-1,4-Dichloro-2-butene	10.822	75	4474	0.980	ug/l #	47
47) Methyl methacrylate	6.967	69	2322	0.354	ug/l	90
48) Ethyl methacrylate	8.336	69	1976	0.180	ug/l	83
49) Toluene	7.970	92	7008	0.212	ug/l	99
50) t-1,3-Dichloropropene	8.214	75	3859	0.231	ug/l	95
51) cis-1,3-Dichloropropene	7.610	75	4584	0.233	ug/l	92
52) 1,1,2-Trichloroethane	8.401	97	3432	0.280	ug/l #	87
53) 1,3-Dichloropropane	8.574	76	4697	0.238	ug/l	93
54) 2-Hexanone	8.687	43	5474	0.974	ug/l	89
55) Dibromochloromethane	8.809	129	3695	0.277	ug/l	92
56) 1,2-Dibromoethane	8.928	107	2657	0.246	ug/l	95
58) Tetrachloroethene	8.549	164	2868	0.232	ug/l	93
59) Chlorobenzene	9.449	112	7976	0.220	ug/l	93
60) 1,1,1,2-Tetrachloroethane	9.533	131	3699	0.266	ug/l	97
61) Pentachloroethane	11.423	117	3080	0.248	ug/l	92
62) Hexachloroethane	12.471	117	2825	0.240	ug/l	96
63) Ethyl Benzene	9.568	91	10384	0.189	ug/l	99
64) m/p-Xylenes	9.693	106	7663	0.349	ug/l	97
65) o-Xylene	10.098	106	3551	0.166	ug/l	91
66) Styrene	10.115	104	5799	0.164	ug/l	95
67) Bromoform	10.288	173	1740	0.232	ug/l #	98
69) Isopropylbenzene	10.484	105	8696	0.165	ug/l	96
70) 1,1,2,2-Tetrachloroethane	10.783	83	4427	0.267	ug/l	97
71) 1,2,3-Trichloropropane	10.822	75	4474	0.363	ug/l	75
72) Bromobenzene	10.783	156	3042	0.211	ug/l	94
73) n-propylbenzene	10.909	120	2066	0.140	ug/l	66
74) 2-Chlorotoluene	10.983	126	2518	0.179	ug/l	99
75) 1,3,5-Trimethylbenzene	11.086	105	6402	0.134	ug/l	93
76) 4-Chlorotoluene	11.102	126	2137	0.149	ug/l	98
77) tert-Butylbenzene	11.420	119	8324	0.179	ug/l	96
78) 1,2,4-Trimethylbenzene	11.468	105	6966	0.140	ug/l	91
79) sec-Butylbenzene	11.642	105	9073	0.147	ug/l	100
80) Nitrobenzene	13.214	77	1023	1.246	ug/l #	73
81) p-Isopropyltoluene	11.796	119	6412	0.130	ug/l	98
82) 1,3-Dichlorobenzene	11.748	146	6404	0.206	ug/l	98
83) 1,4-Dichlorobenzene	11.838	146	6054	0.199	ug/l	97
84) n-Butylbenzene	12.211	91	7183	0.147	ug/l	96
85) 1,2-Dichlorobenzene	12.211	146	6101	0.200	ug/l	95
86) 1,2-Dibromo-3-Chloropr...	13.002	75	562	0.217	ug/l	94
87) 1,2,4-Trichlorobenzene	13.841	180	3670	0.222	ug/l	97
88) Hexachlorobutadiene	14.018	225	2525	0.234	ug/l	89
89) Naphthalene	14.092	128	6472	0.187	ug/l	95
90) 1,2,3-Trichlorobenzene	14.333	180	3400	0.188	ug/l #	95

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

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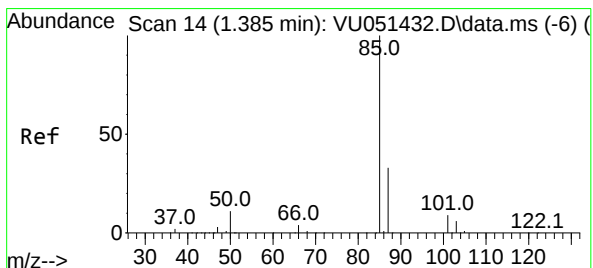
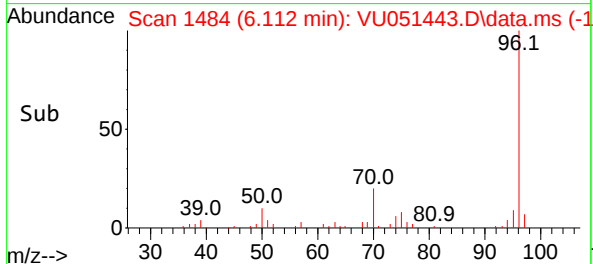
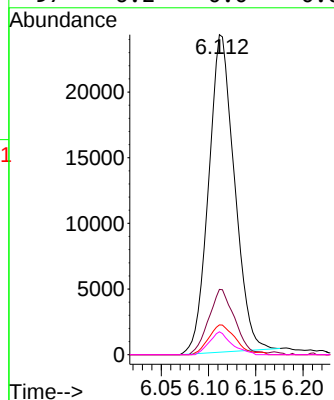
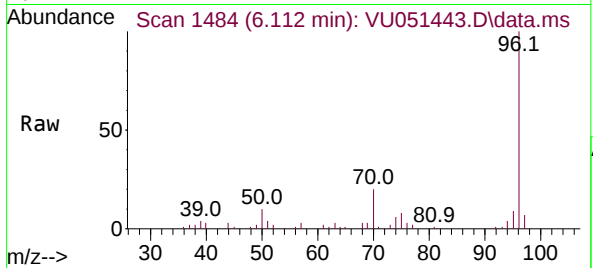




#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.112 min Scan# 14
Delta R.T. -0.003 min
Lab File: VU051443.D
Acq: 18 Oct 2022 15:49

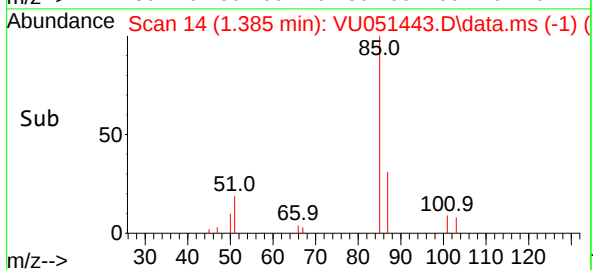
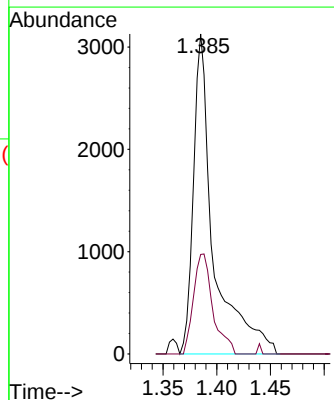
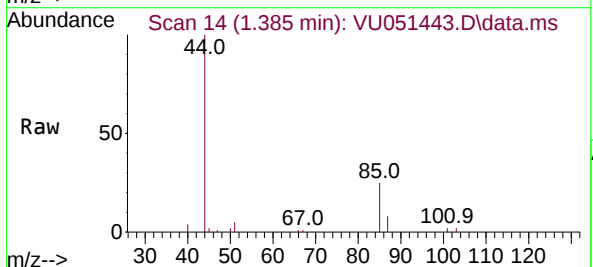
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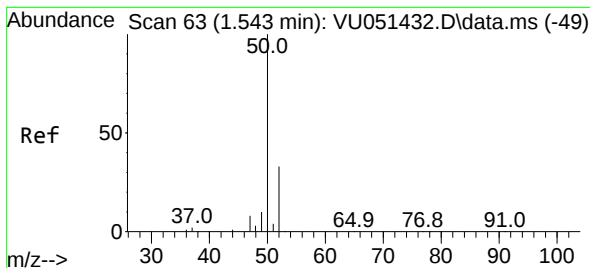
Tgt Ion: 96	Resp: 45895
Ion Ratio	Lower Upper
96 100	
70 20.1	16.7 25.1
95 9.8	7.5 11.3
97 6.2	0.0 0.0



#2
Dichlorodifluoromethane
Concen: 0.253 ug/l
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU051443.D
Acq: 18 Oct 2022 15:49

Tgt Ion: 85	Resp: 4052
Ion Ratio	Lower Upper
85 100	
87 31.1	16.4 49.4





#3

Chloromethane

Concen: 0.315 ug/l

RT: 1.533 min Scan# 60

Delta R.T. -0.010 min

Lab File: VU051443.D

Acq: 18 Oct 2022 15:49

Instrument :

MSVOA_U

ClientSampleId :

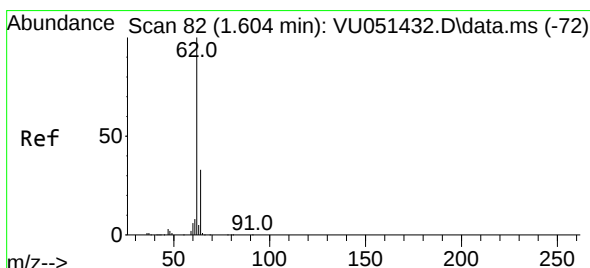
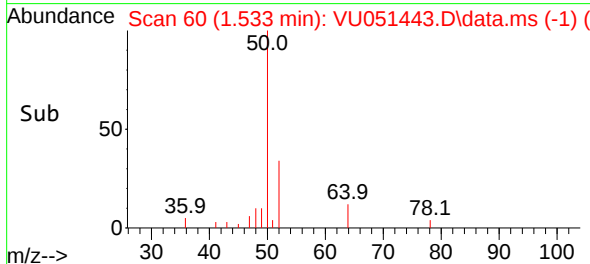
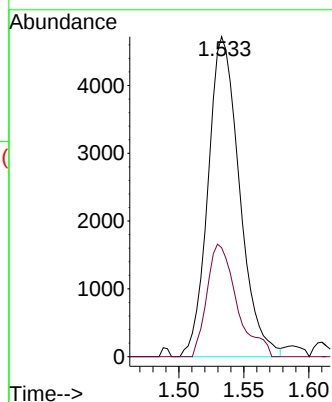
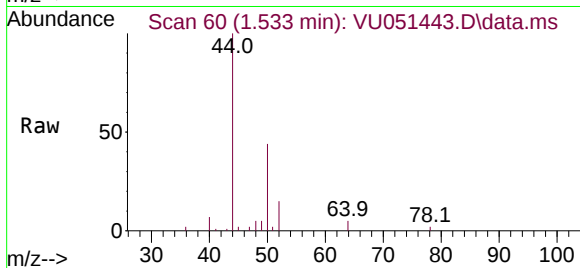
LOD-MDL-WATER-01-QT4-2022

Tgt Ion: 50 Resp: 7952

Ion Ratio Lower Upper

50 100

52 34.0 26.7 40.1



#4

Vinyl Chloride

Concen: 0.261 ug/l

RT: 1.604 min Scan# 82

Delta R.T. -0.000 min

Lab File: VU051443.D

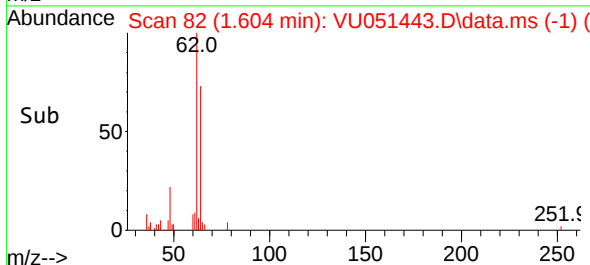
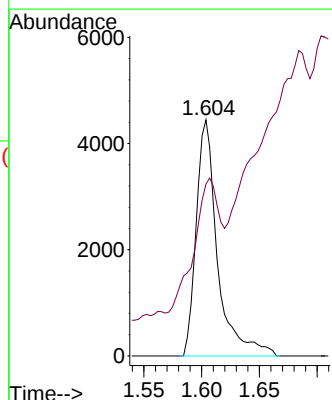
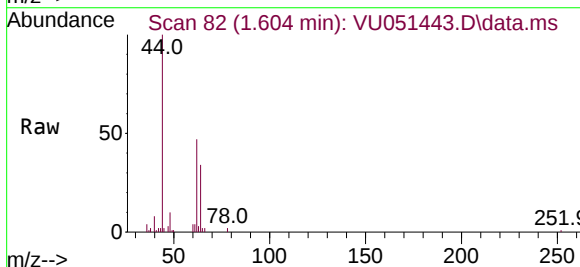
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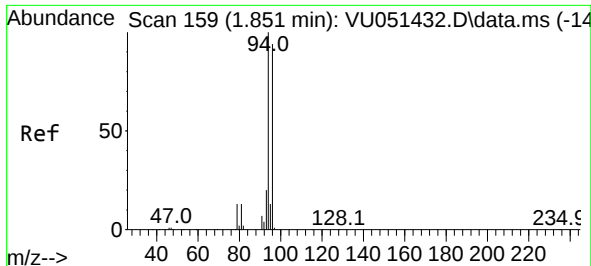
Tgt Ion: 62 Resp: 5696

Ion Ratio Lower Upper

62 100

64 43.1 26.7 40.1#

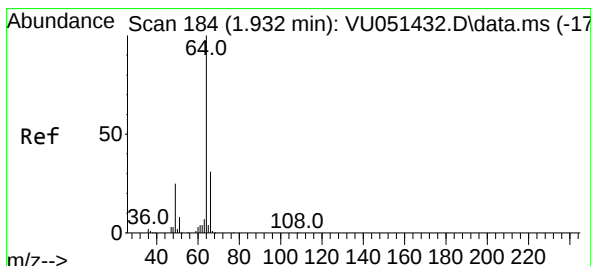
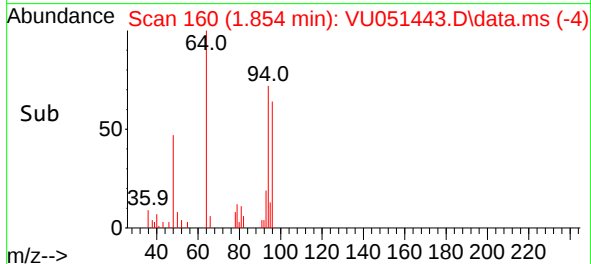
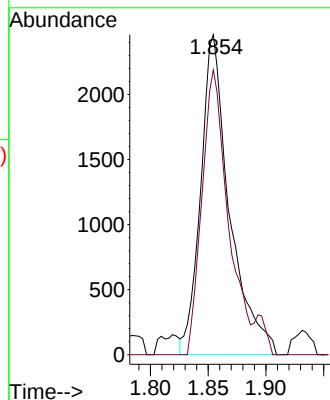
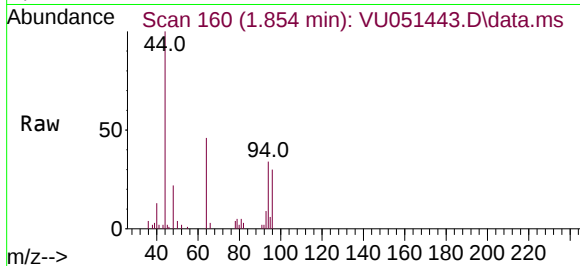




#5
Bromomethane
Concen: 0.351 ug/l
RT: 1.854 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU051443.D
Acq: 18 Oct 2022 15:49

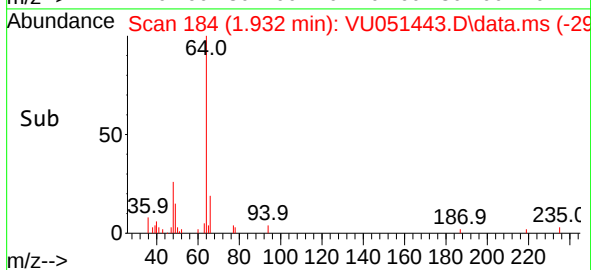
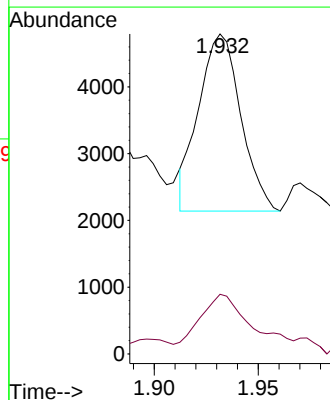
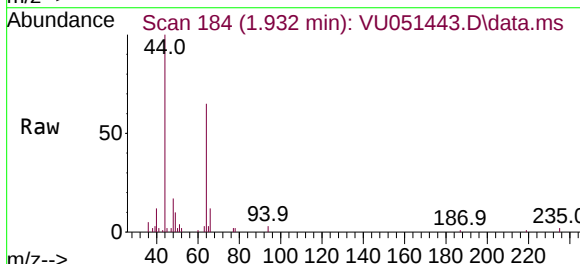
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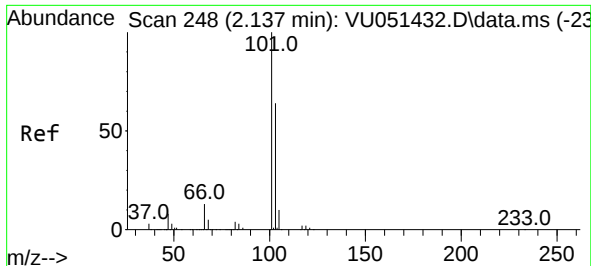
Tgt Ion: 94 Resp: 4276
Ion Ratio Lower Upper
94 100
96 89.0 74.8 112.2



#6
Chloroethane
Concen: 0.300 ug/l
RT: 1.932 min Scan# 184
Delta R.T. -0.000 min
Lab File: VU051443.D
Acq: 18 Oct 2022 15:49

Tgt Ion: 64 Resp: 3744
Ion Ratio Lower Upper
64 100
66 27.0 25.2 37.8

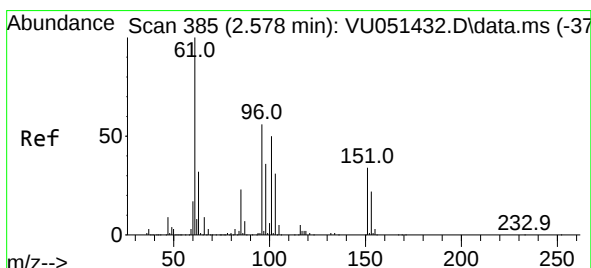
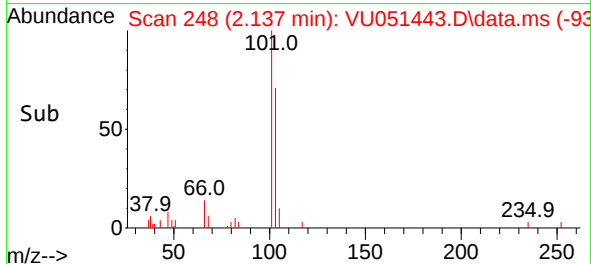
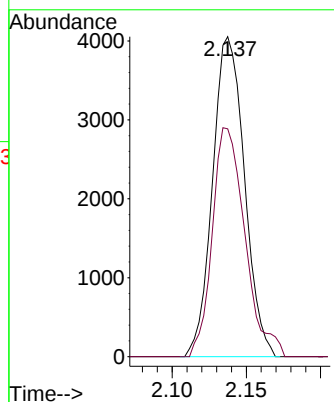
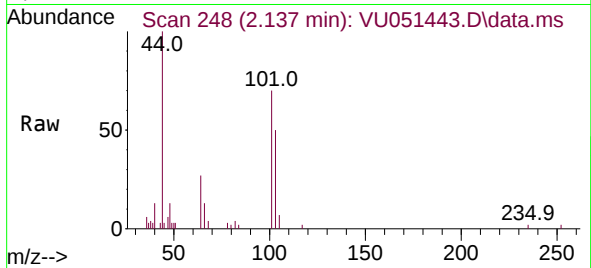




#7
 Trichlorofluoromethane
 Concen: 0.248 ug/l
 RT: 2.137 min Scan# 248
 Delta R.T. -0.000 min
 Lab File: VU051443.D
 Acq: 18 Oct 2022 15:49

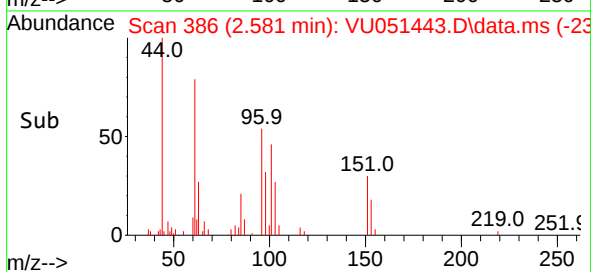
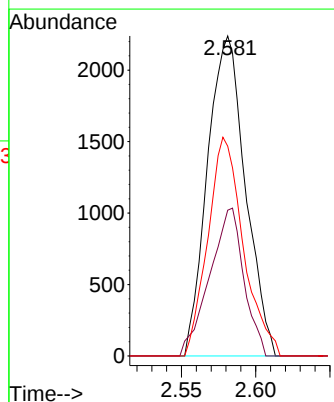
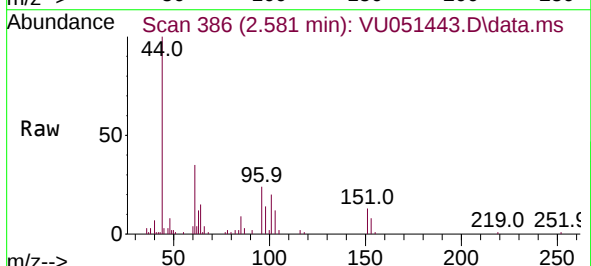
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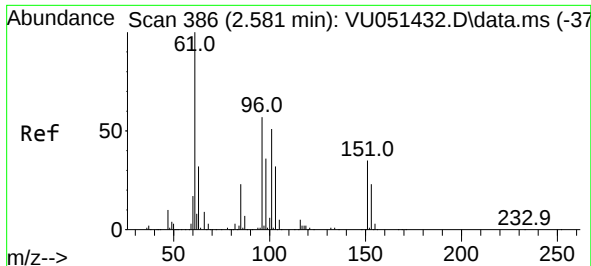
Tgt Ion:101 Resp: 6054
 Ion Ratio Lower Upper
 101 100
 103 71.2 51.4 77.2



#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.295 ug/l
 RT: 2.581 min Scan# 386
 Delta R.T. 0.003 min
 Lab File: VU051443.D
 Acq: 18 Oct 2022 15:49

Tgt Ion:101 Resp: 3977
 Ion Ratio Lower Upper
 101 100
 85 41.6 36.6 54.8
 151 64.0 54.6 81.8

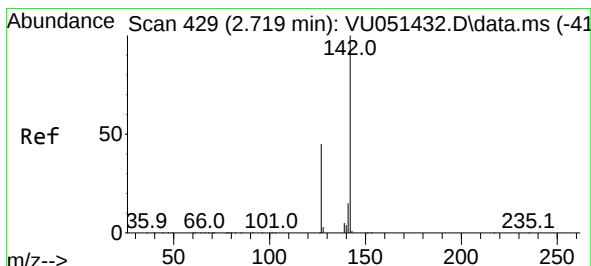
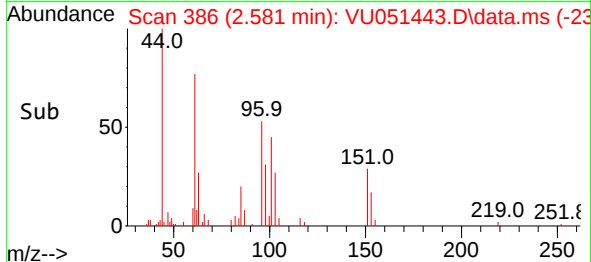
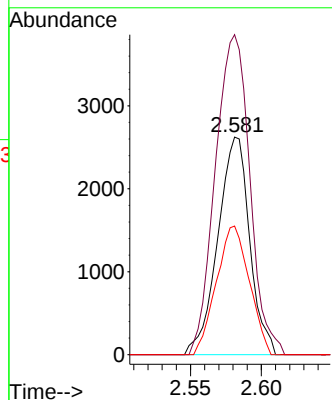
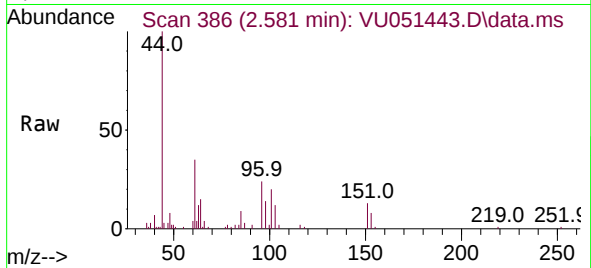




#9
1,1-Dichloroethene
Concen: 0.291 ug/l
RT: 2.581 min Scan# 386
Delta R.T. -0.000 min
Lab File: VU051443.D
Acq: 18 Oct 2022 15:49

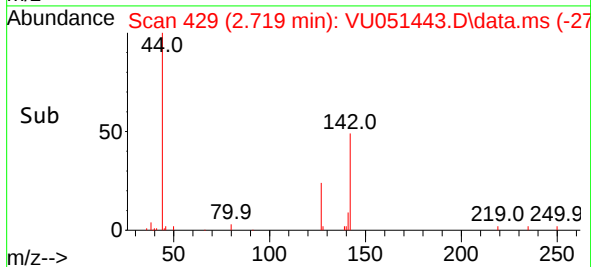
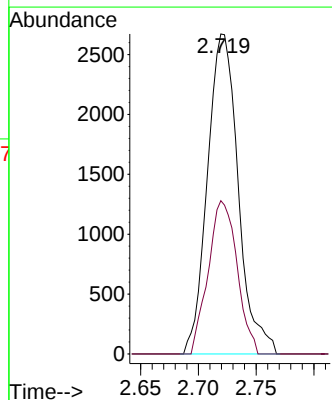
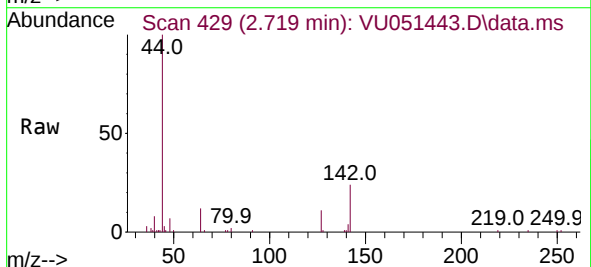
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ClientSampleId : LOD-MDL-WATER-01-QT4-2022

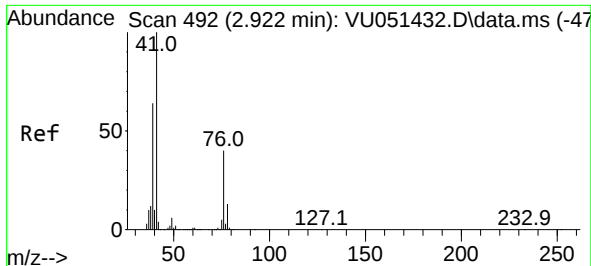
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Ion Ratio Lower Upper
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61 147.0 0.0 522.3
98 59.1 0.0 126.6



#10
Iodomethane
Concen: 0.271 ug/l
RT: 2.719 min Scan# 429
Delta R.T. 0.000 min
Lab File: VU051443.D
Acq: 18 Oct 2022 15:49

Tgt Ion: 142 Resp: 4948
Ion Ratio Lower Upper
142 100
127 44.8 37.0 55.4





#11

Allyl Chloride

Concen: 0.277 ug/l

RT: 2.922 min Scan# 492

Delta R.T. -0.000 min

Lab File: VU051443.D

Acq: 18 Oct 2022 15:49

Instrument :

MSVOA_U

ClientSampleId :

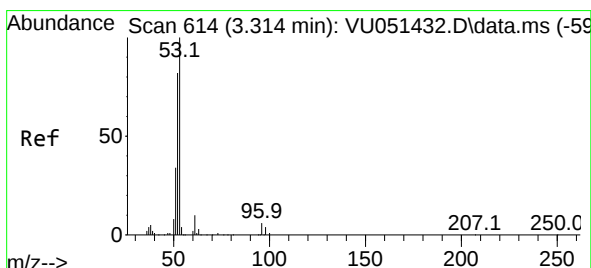
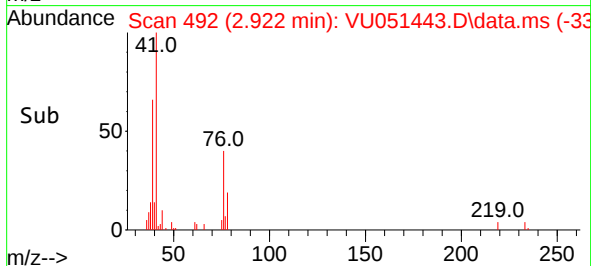
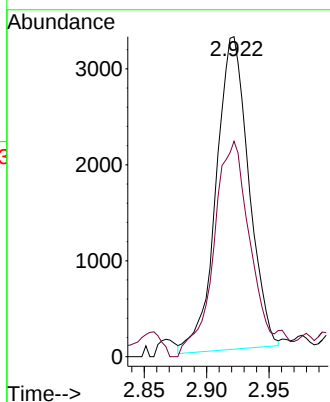
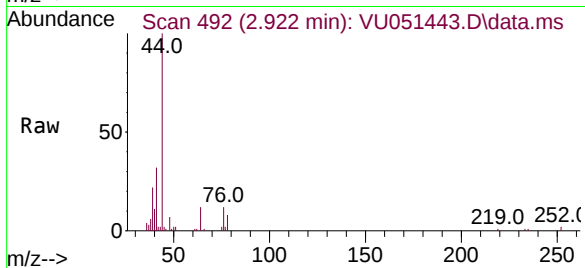
LOD-MDL-WATER-01-QT4-2022

Tgt Ion: 41 Resp: 5951

Ion Ratio Lower Upper

41 100

39 76.2 51.4 77.0



#12

Acrylonitrile

Concen: 0.636 ug/l

RT: 3.317 min Scan# 615

Delta R.T. 0.003 min

Lab File: VU051443.D

Acq: 18 Oct 2022 15:49

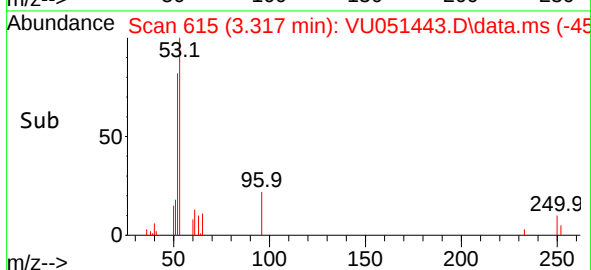
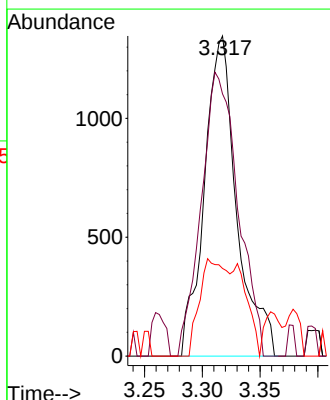
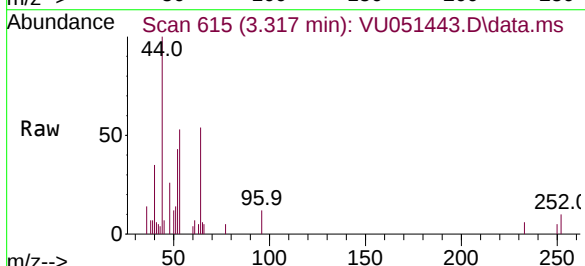
Tgt Ion: 53 Resp: 2637

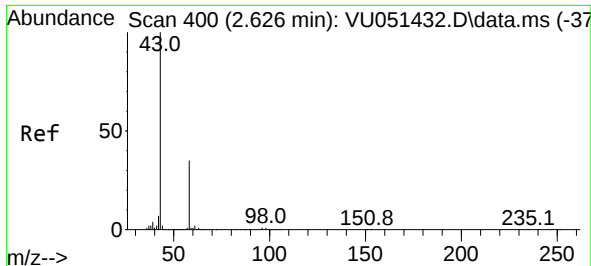
Ion Ratio Lower Upper

53 100

52 100.3 63.9 95.9#

51 26.0 25.9 38.9

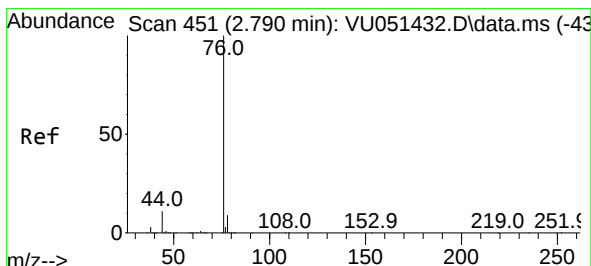
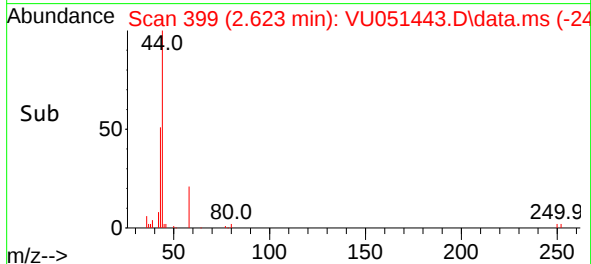
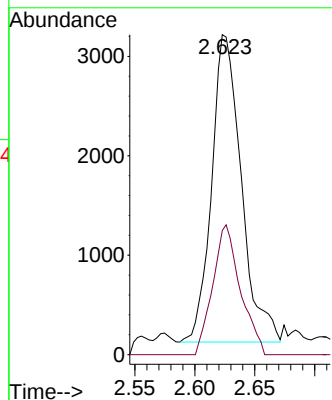
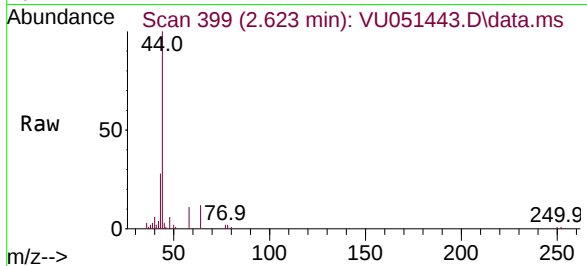




#13
Acetone
Concen: 1.782 ug/l
RT: 2.623 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU051443.D
Acq: 18 Oct 2022 15:49

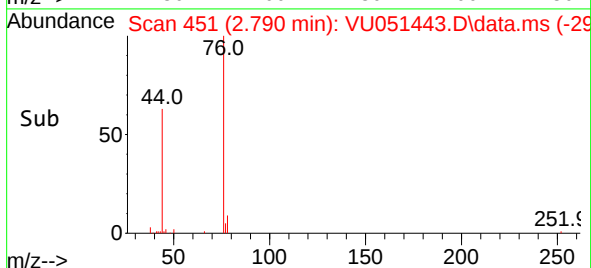
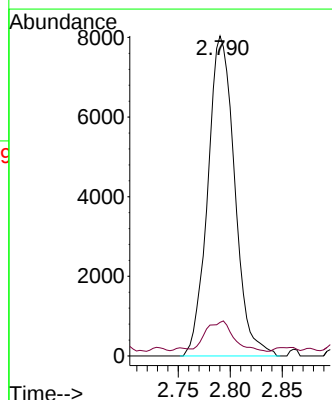
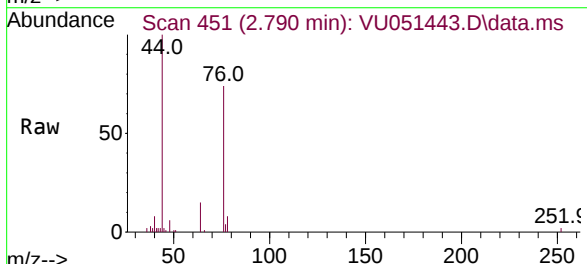
Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT4-2022

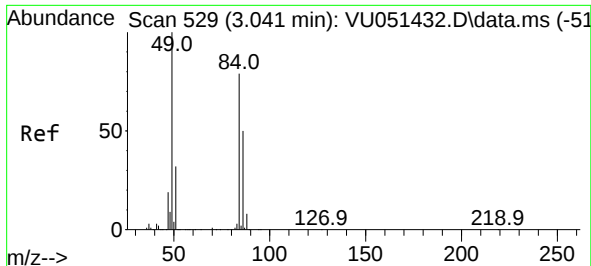
Tgt Ion: 43 Resp: 5318
Ion Ratio Lower Upper
43 100
58 40.4 27.9 41.9



#14
Carbon Disulfide
Concen: 0.288 ug/l
RT: 2.790 min Scan# 451
Delta R.T. -0.000 min
Lab File: VU051443.D
Acq: 18 Oct 2022 15:49

Tgt Ion: 76 Resp: 14463
Ion Ratio Lower Upper
76 100
78 7.9 7.2 10.8



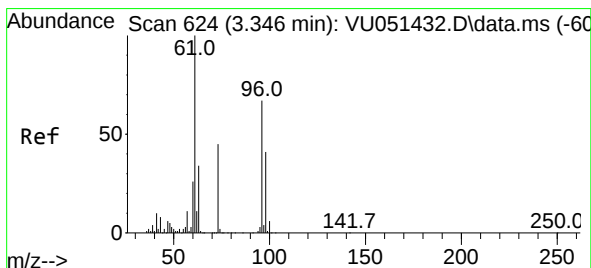
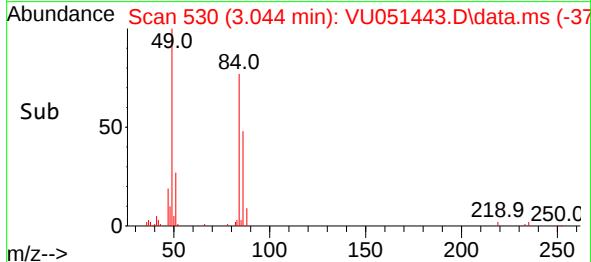
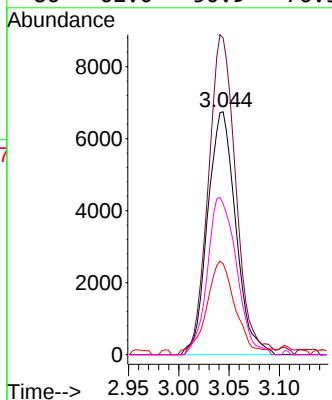
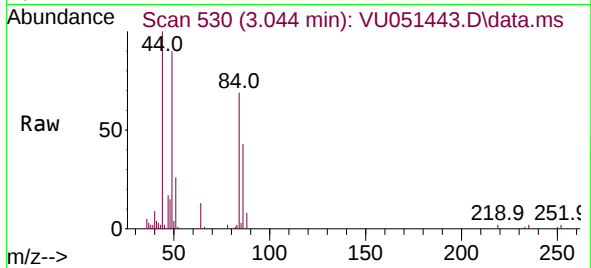


#15
Methylene Chloride
Concen: 0.636 ug/l
RT: 3.044 min Scan# 51
Delta R.T. 0.003 min
Lab File: VU051443.D
Acq: 18 Oct 2022 15:49

Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

Tgt Ion: 84 Resp: 13121

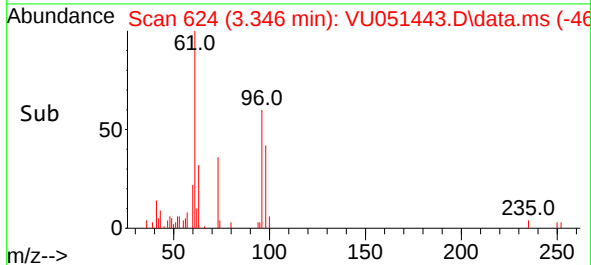
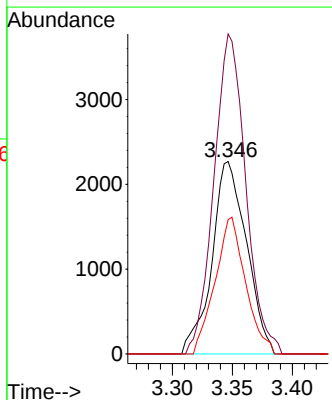
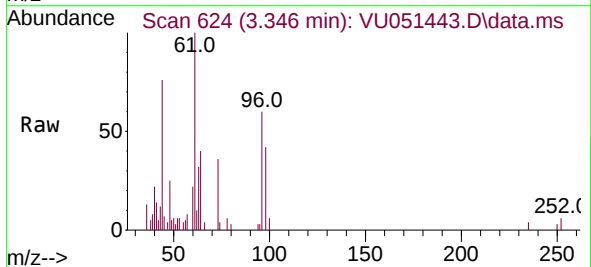
Ion	Ratio	Lower	Upper
84	100		
49	130.4	101.1	151.7
51	37.4	0.0	80.2
86	62.0	50.9	76.3

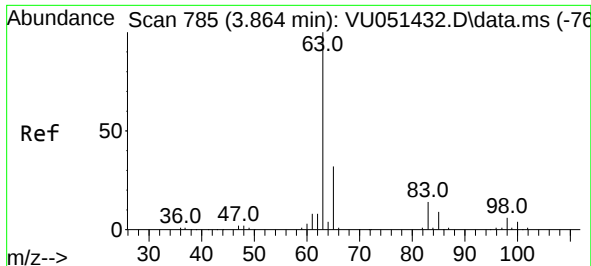


#16
trans-1,2-Dichloroethene
Concen: 0.281 ug/l
RT: 3.346 min Scan# 624
Delta R.T. -0.000 min
Lab File: VU051443.D
Acq: 18 Oct 2022 15:49

Tgt Ion: 96 Resp: 4544

Ion	Ratio	Lower	Upper
96	100		
61	166.2	119.9	179.9
98	69.8	49.5	74.3

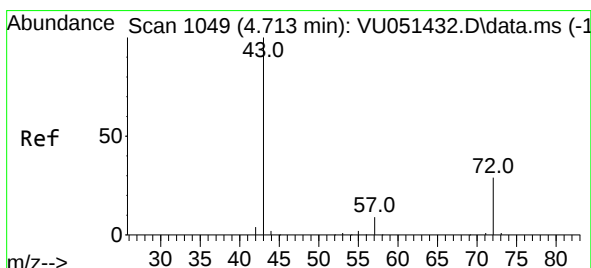
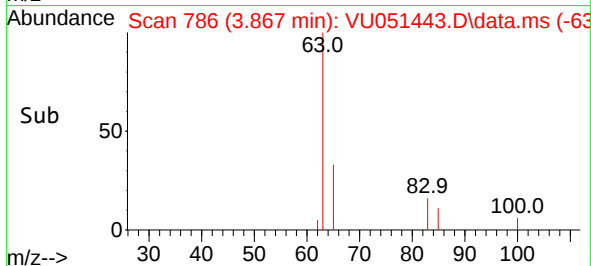
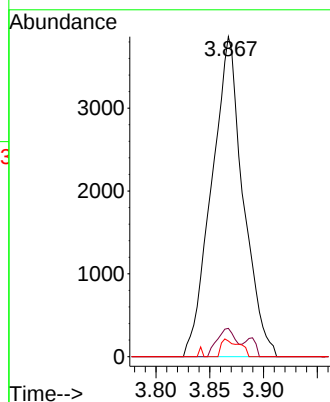
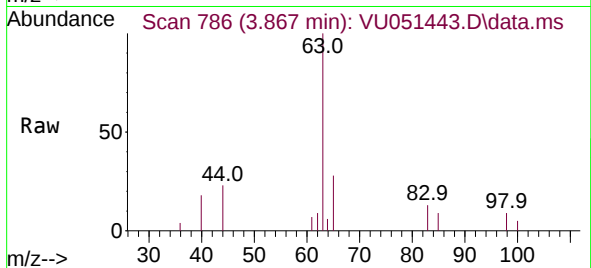




#17
1,1-Dichloroethane
Concen: 0.271 ug/l
RT: 3.867 min Scan# 785
Delta R.T. 0.003 min
Lab File: VU051443.D
Acq: 18 Oct 2022 15:49

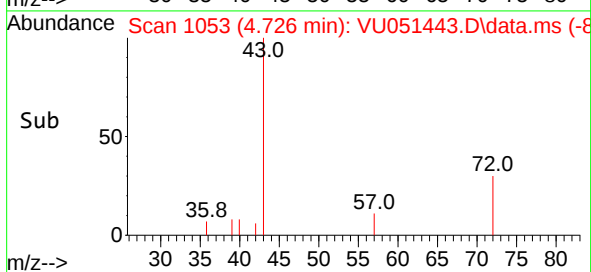
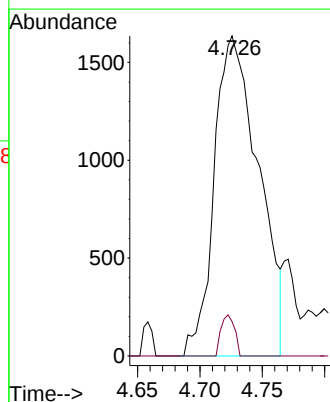
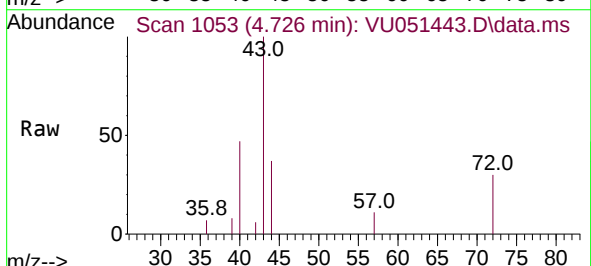
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

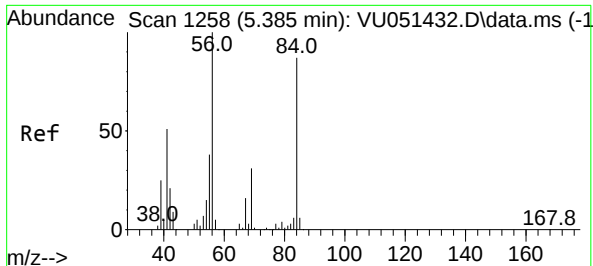
Tgt Ion: 63	Resp:	7860
Ion Ratio	Lower	Upper
63	100	
98	8.8	3.1 9.3
100	4.9	2.1 6.3



#18
2-Butanone
Concen: 1.114 ug/l
RT: 4.726 min Scan# 1053
Delta R.T. 0.013 min
Lab File: VU051443.D
Acq: 18 Oct 2022 15:49

Tgt Ion: 43	Resp:	4036
Ion Ratio	Lower	Upper
43	100	
57	10.8	0.0 18.2





#19

Cyclohexane

Concen: 0.189 ug/l

RT: 5.385 min Scan# 1258

Delta R.T. -0.000 min

Lab File: VU051443.D

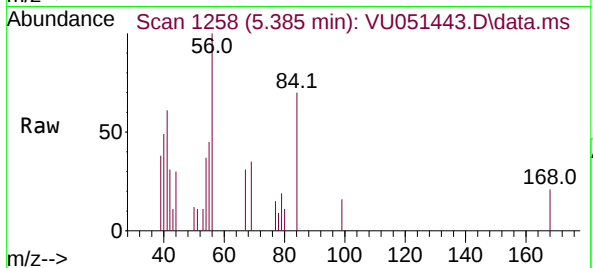
Acq: 18 Oct 2022 15:49

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT4-2022



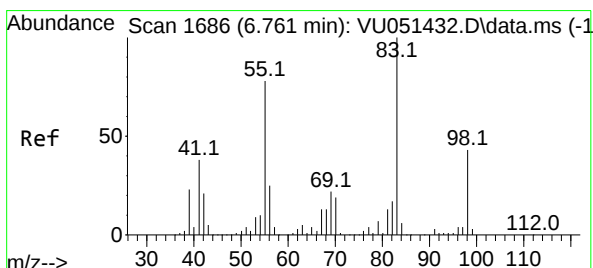
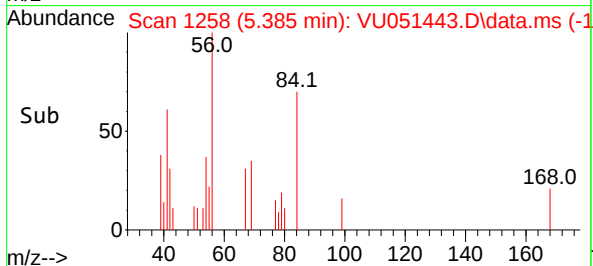
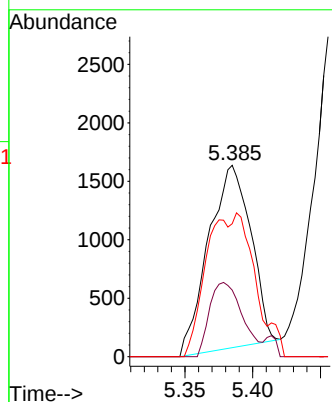
Tgt Ion: 56 Resp: 3401

Ion Ratio Lower Upper

56 100

69 26.7 25.0 37.4

84 44.1 68.5 102.7#



#20

Methylcyclohexane

Concen: 0.199 ug/l

RT: 6.767 min Scan# 1688

Delta R.T. 0.006 min

Lab File: VU051443.D

Acq: 18 Oct 2022 15:49

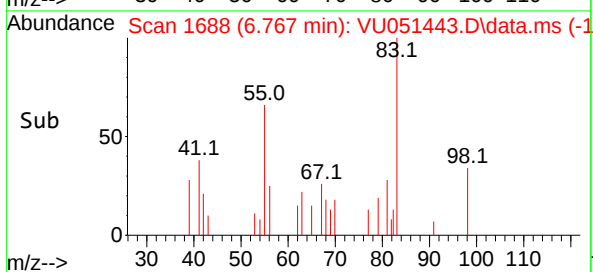
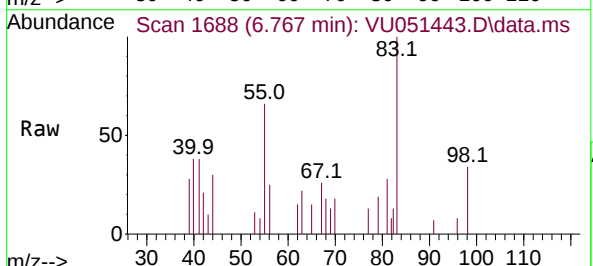
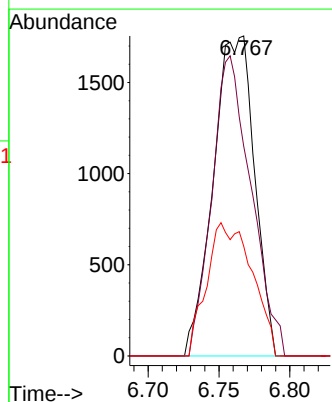
Tgt Ion: 83 Resp: 3550

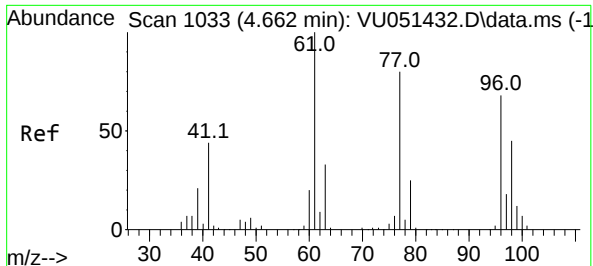
Ion Ratio Lower Upper

83 100

55 89.3 62.4 93.6

98 24.1 35.5 53.3#





#21

2,2-Dichloropropane

Concen: 0.289 ug/l

RT: 4.668 min Scan# 1035

Delta R.T. 0.006 min

Lab File: VU051443.D

Acq: 18 Oct 2022 15:49

Instrument :

MSVOA_U

ClientSampleId :

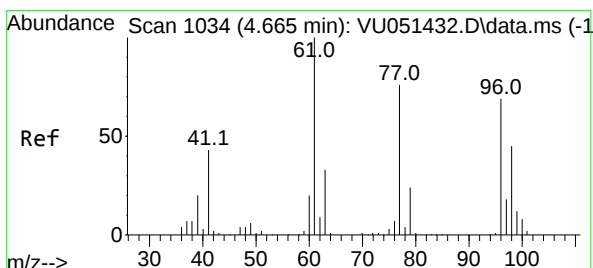
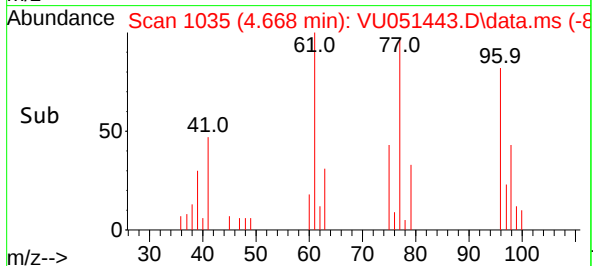
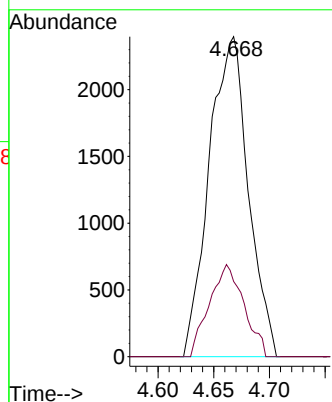
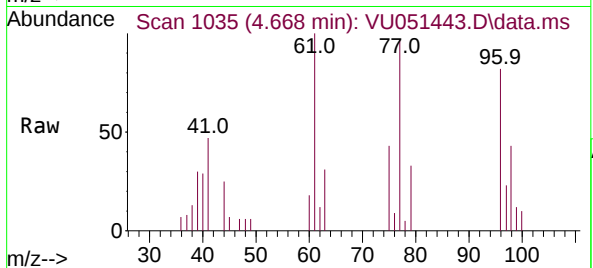
LOD-MDL-WATER-01-QT4-2022

Tgt Ion: 77 Resp: 5856

Ion Ratio Lower Upper

77 100

97 25.4 19.0 28.6



#22

cis-1,2-Dichloroethene

Concen: 0.267 ug/l

RT: 4.668 min Scan# 1035

Delta R.T. 0.003 min

Lab File: VU051443.D

Acq: 18 Oct 2022 15:49

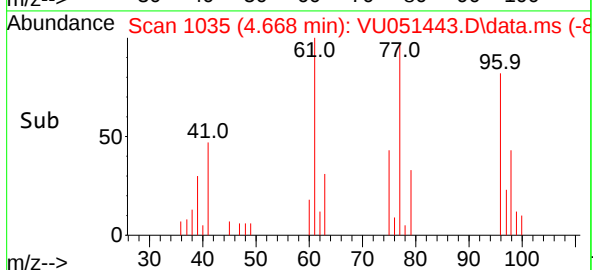
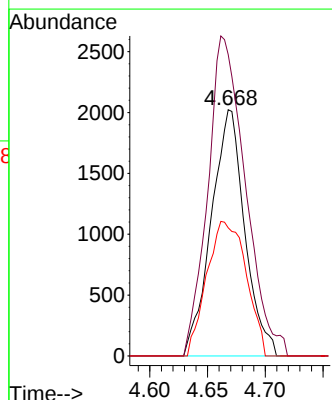
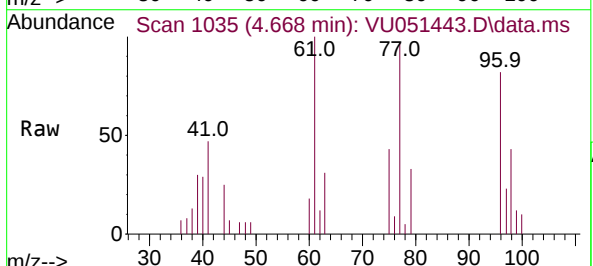
Tgt Ion: 96 Resp: 4085

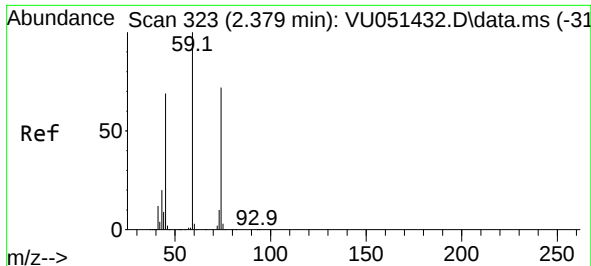
Ion Ratio Lower Upper

96 100

61 145.5 0.0 362.8

98 64.2 32.5 97.5

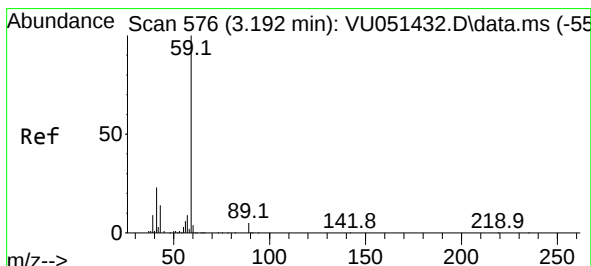
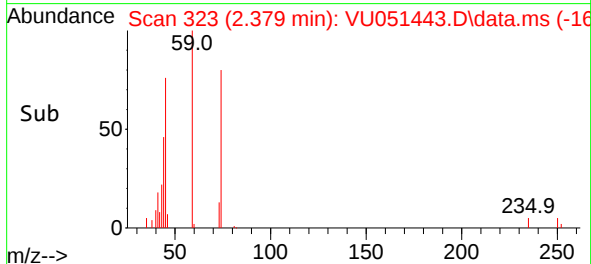
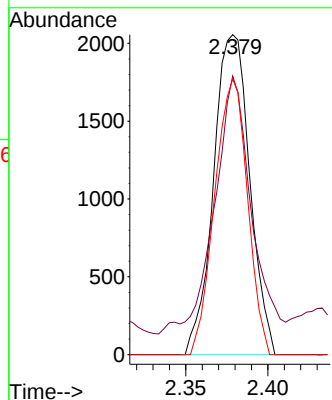
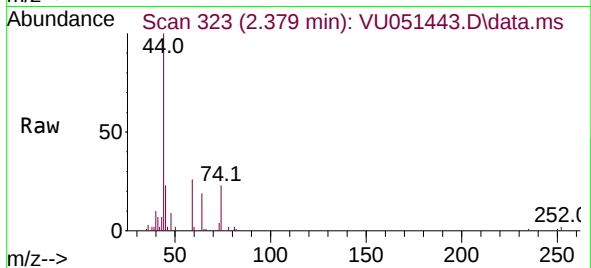




#23
Diethyl Ether
Concen: 0.257 ug/l
RT: 2.379 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU051443.D
Acq: 18 Oct 2022 15:49

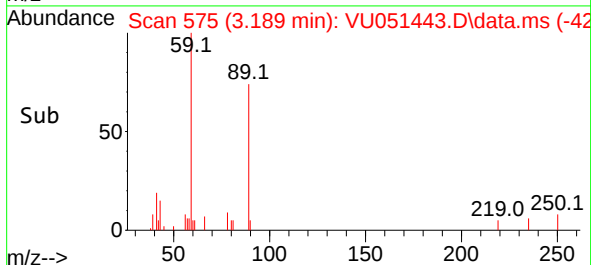
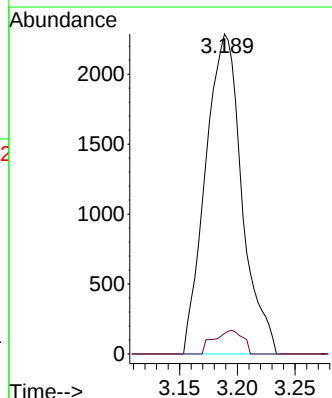
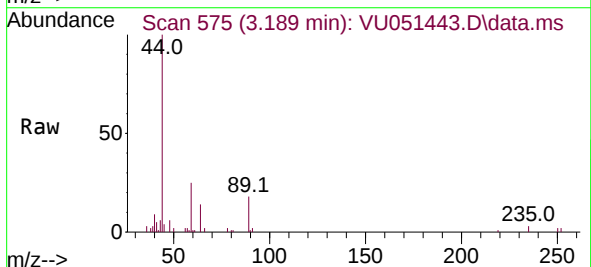
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

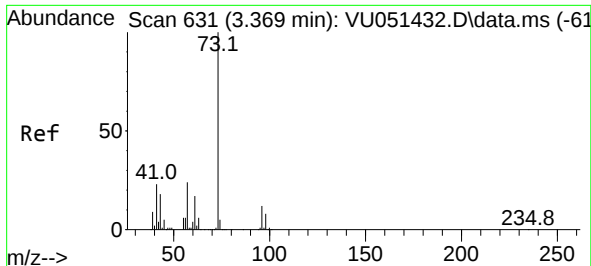
Tgt Ion: 59 Resp: 3156
Ion Ratio Lower Upper
59 100
45 80.6 55.7 83.5
74 77.7 58.2 87.4



#24
tert-Butyl Alcohol
Concen: 3.881 ug/l
RT: 3.189 min Scan# 575
Delta R.T. -0.003 min
Lab File: VU051443.D
Acq: 18 Oct 2022 15:49

Tgt Ion: 59 Resp: 5006
Ion Ratio Lower Upper
59 100
57 5.9 7.8 11.8#

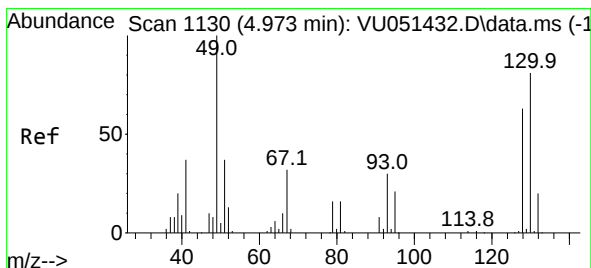
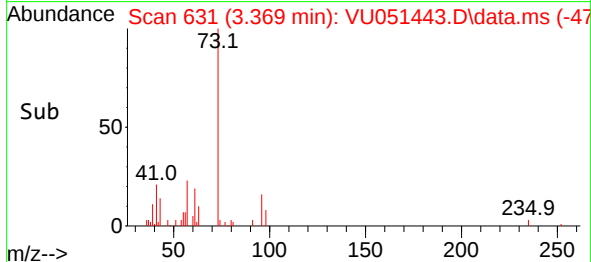
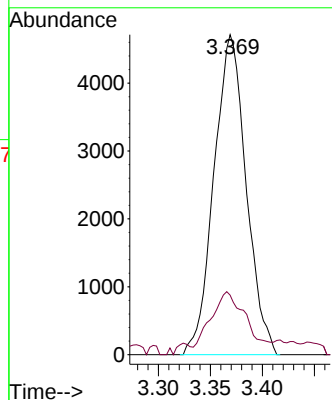
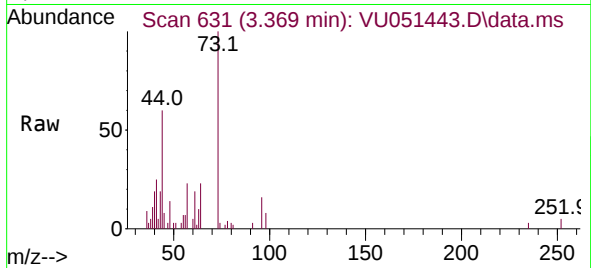




#25
Methyl tert-Butyl Ether
Concen: 0.278 ug/l
RT: 3.369 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU051443.D
Acq: 18 Oct 2022 15:49

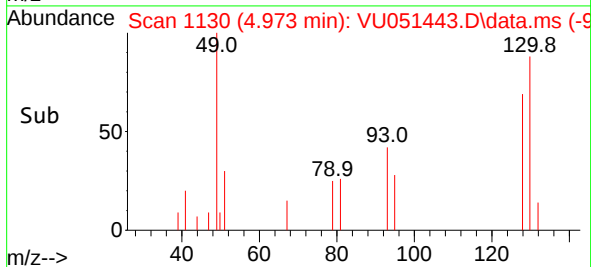
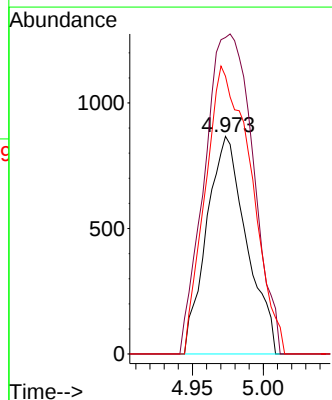
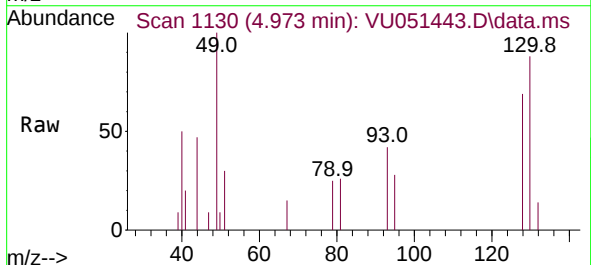
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

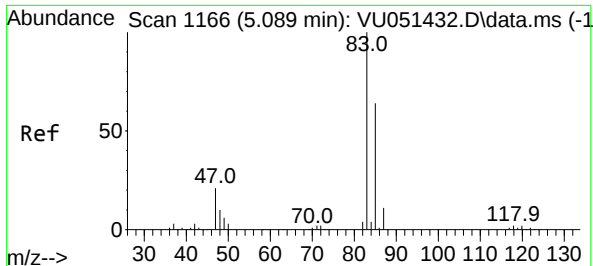
Tgt Ion: 73 Resp: 10171
Ion Ratio Lower Upper
73 100
43 17.3 14.2 21.4



#26
Bromochloromethane
Concen: 0.228 ug/l
RT: 4.973 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VU051443.D
Acq: 18 Oct 2022 15:49

Tgt Ion: 128 Resp: 1701
Ion Ratio Lower Upper
128 100
49 178.6 0.0 320.4
130 152.1 105.0 157.6





#27

Chloroform

Concen: 0.288 ug/l

RT: 5.092 min Scan# 1166

Delta R.T. 0.003 min

Lab File: VU051443.D

Acq: 18 Oct 2022 15:49

Instrument :

MSVOA_U

ClientSampleId :

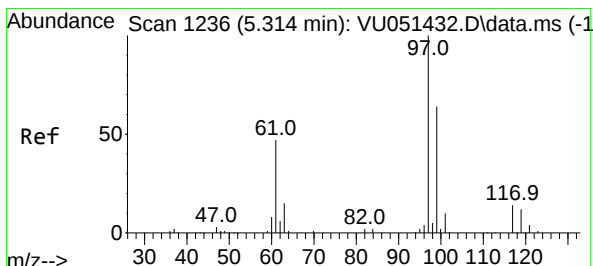
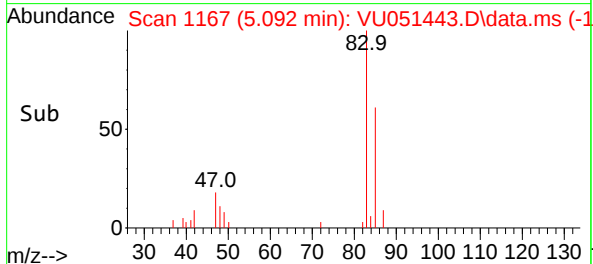
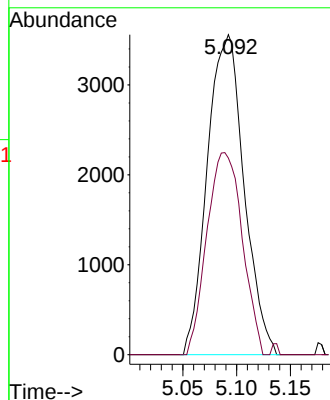
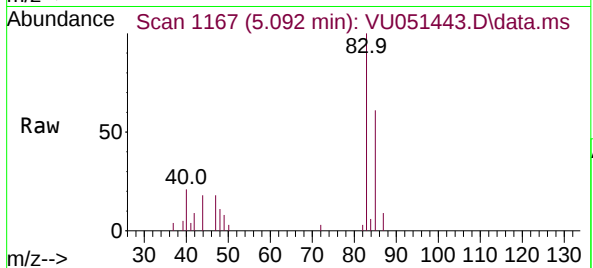
LOD-MDL-WATER-01-QT4-2022

Tgt Ion: 83 Resp: 8456

Ion Ratio Lower Upper

83 100

85 61.4 0.0 128.8



#28

1,1,1-Trichloroethane

Concen: 0.258 ug/l

RT: 5.311 min Scan# 1235

Delta R.T. -0.003 min

Lab File: VU051443.D

Acq: 18 Oct 2022 15:49

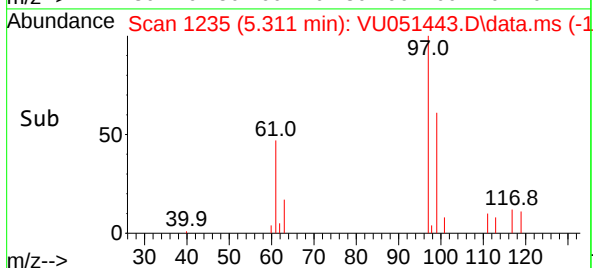
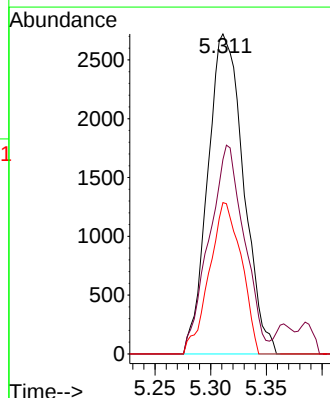
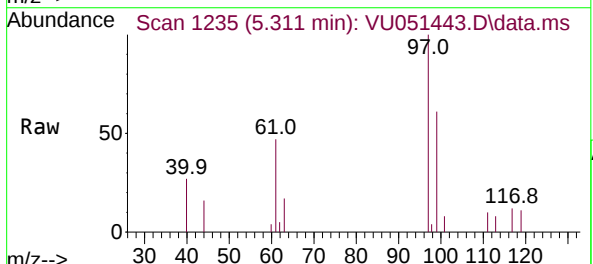
Tgt Ion: 97 Resp: 6067

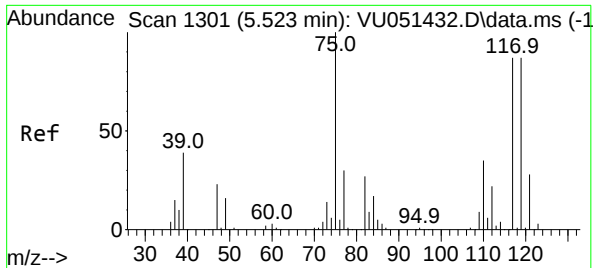
Ion Ratio Lower Upper

97 100

99 64.7 31.8 95.4

61 42.4 23.6 71.0





#29

1,1-Dichloropropene

Concen: 0.224 ug/l

RT: 5.523 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU051443.D

Acq: 18 Oct 2022 15:49

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT4-2022

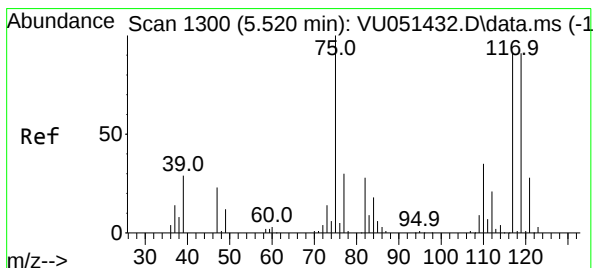
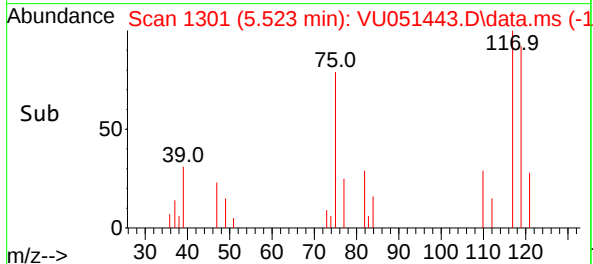
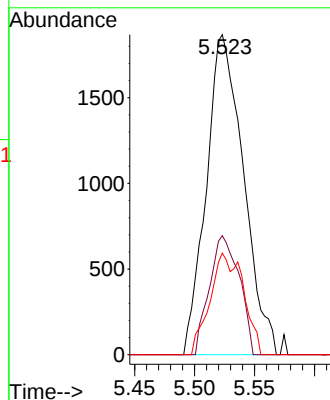
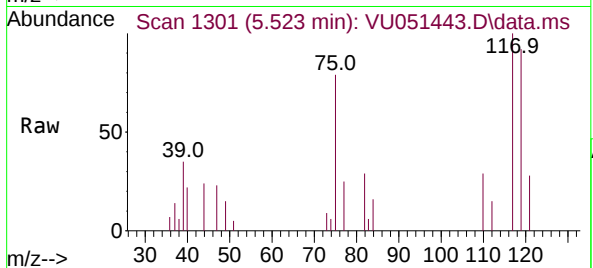
Tgt Ion: 75 Resp: 4024

Ion Ratio Lower Upper

75 100

110 29.8 17.8 53.3

77 28.7 24.2 36.4



#30

Carbon Tetrachloride

Concen: 0.260 ug/l

RT: 5.520 min Scan# 1300

Delta R.T. -0.000 min

Lab File: VU051443.D

Acq: 18 Oct 2022 15:49

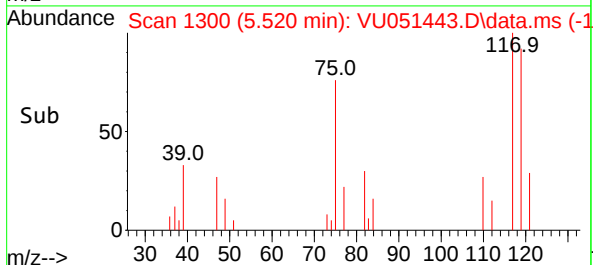
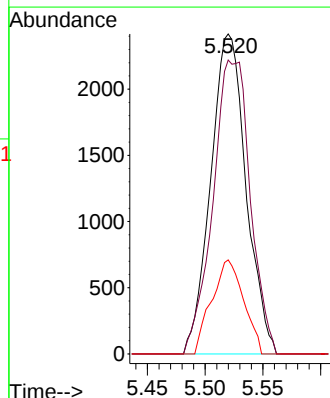
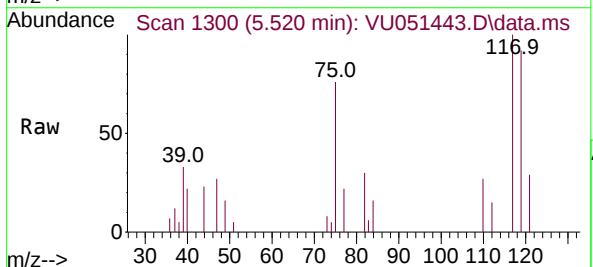
Tgt Ion: 117 Resp: 5148

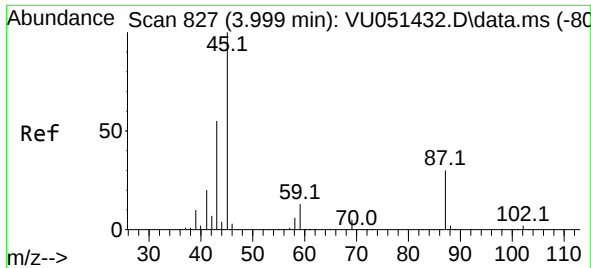
Ion Ratio Lower Upper

117 100

119 91.8 80.0 120.0

121 29.4 24.9 37.3

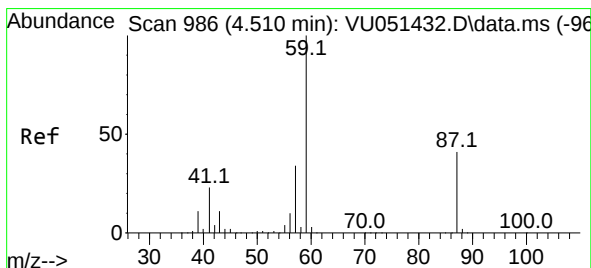
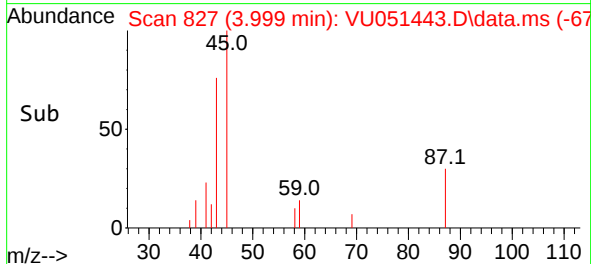
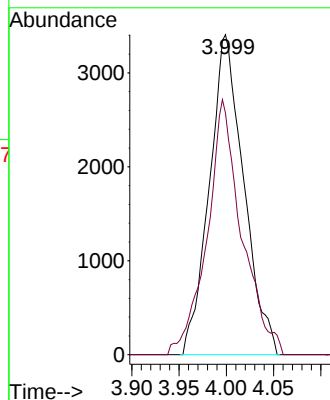
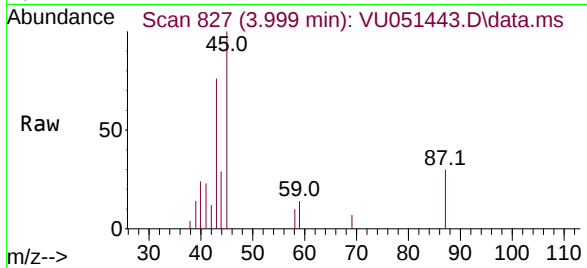




#31
Isopropyl Ether
Concen: 0.250 ug/l
RT: 3.999 min Scan# 81
Delta R.T. -0.000 min
Lab File: VU051443.D
Acq: 18 Oct 2022 15:49

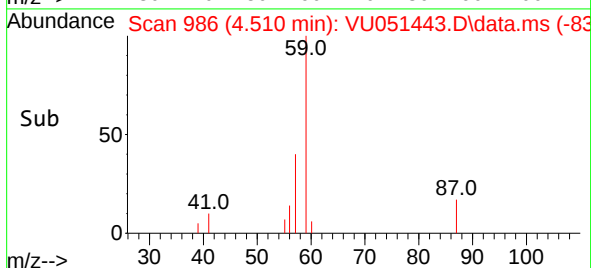
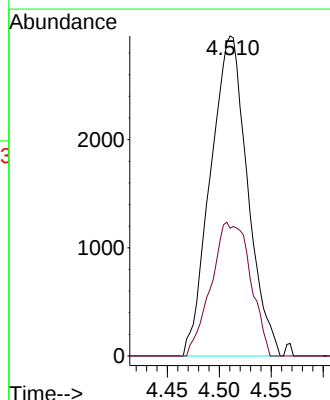
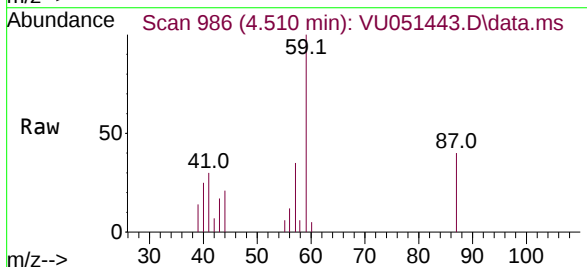
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

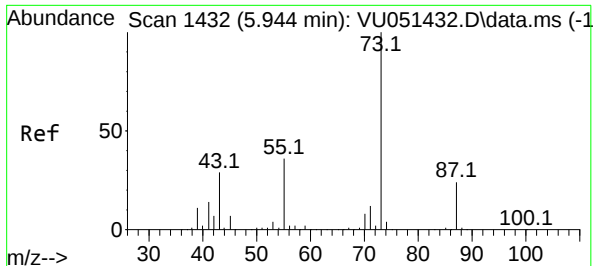
Tgt Ion: 45 Resp: 8597
Ion Ratio Lower Upper
45 100
43 80.1 27.6 82.7



#32
Ethyl-t-butyl ether
Concen: 0.234 ug/l
RT: 4.510 min Scan# 986
Delta R.T. -0.000 min
Lab File: VU051443.D
Acq: 18 Oct 2022 15:49

Tgt Ion: 59 Resp: 7341
Ion Ratio Lower Upper
59 100
87 44.0 33.8 50.8

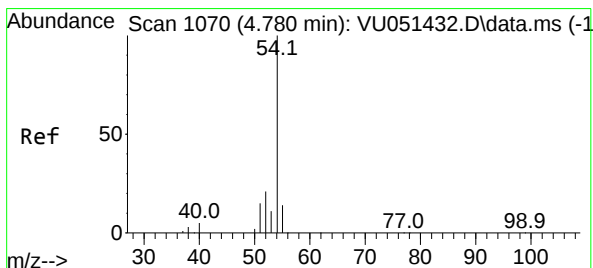
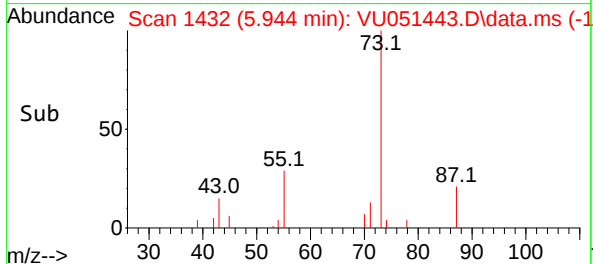
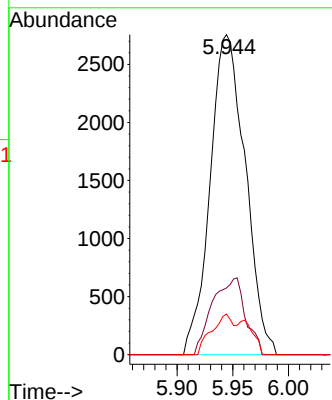
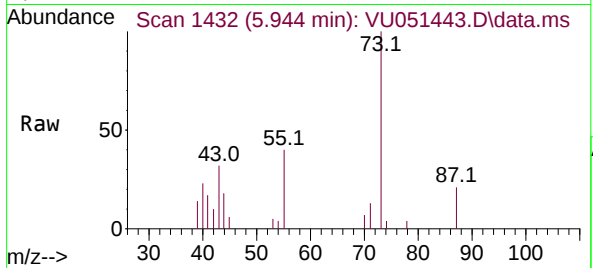




#33
Tert-Amyl methyl ether
Concen: 0.220 ug/l
RT: 5.944 min Scan# 1432
Delta R.T. -0.000 min
Lab File: VU051443.D
Acq: 18 Oct 2022 15:49

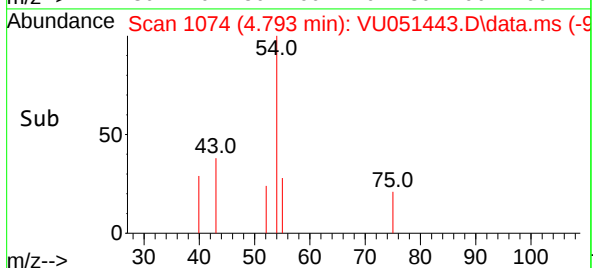
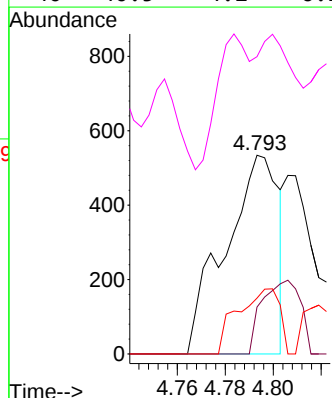
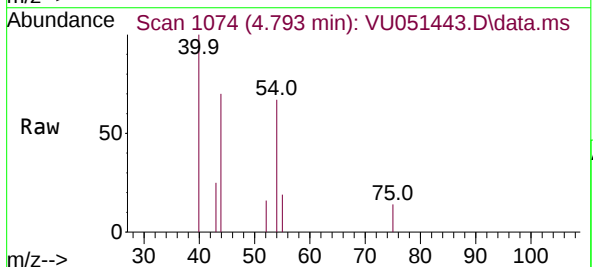
Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT4-2022

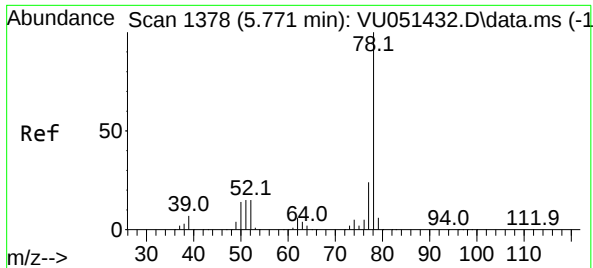
Tgt Ion: 73 Resp: 6049
Ion Ratio Lower Upper
73 100
87 22.6 18.9 28.3
71 7.6 9.4 14.2#



#34
Propionitrile
Concen: 0.674 ug/l
RT: 4.793 min Scan# 1074
Delta R.T. 0.013 min
Lab File: VU051443.D
Acq: 18 Oct 2022 15:49

Tgt Ion: 54 Resp: 820
Ion Ratio Lower Upper
54 100
52 26.7 16.4 24.6#
55 25.7 11.5 17.3#
40 40.5 4.2 6.2#

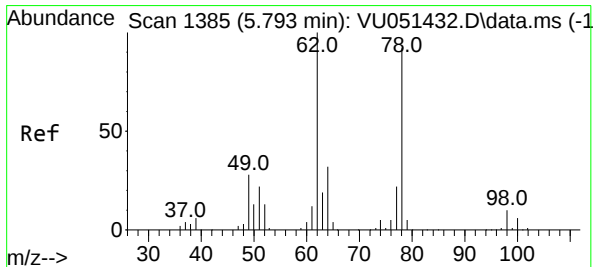
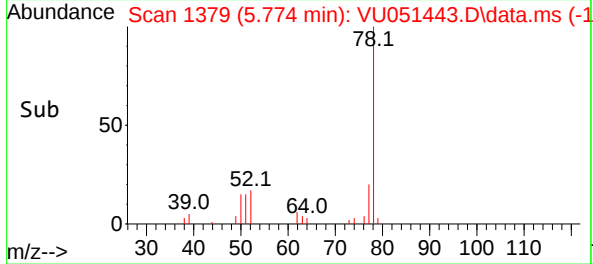
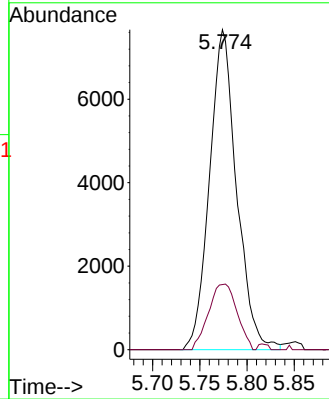
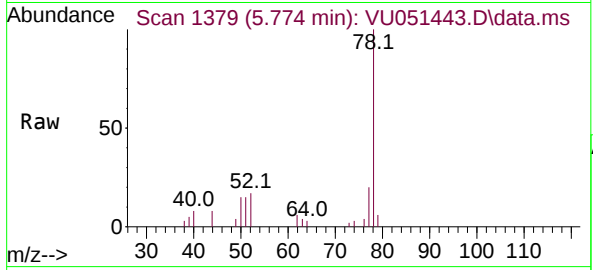




#35
Benzene
Concen: 0.253 ug/l
RT: 5.774 min Scan# 1378
Delta R.T. 0.003 min
Lab File: VU051443.D
Acq: 18 Oct 2022 15:49

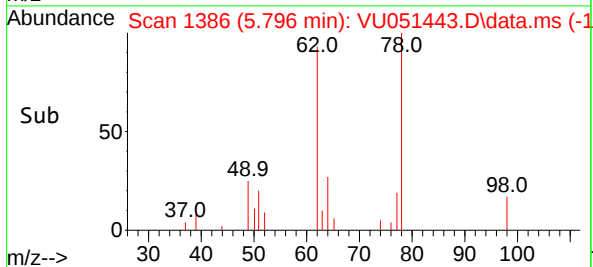
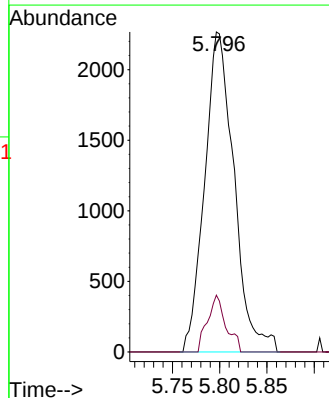
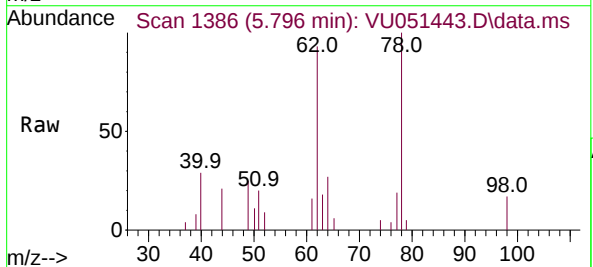
Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT4-2022

Tgt Ion: 78 Resp: 15292
Ion Ratio Lower Upper
78 100
77 20.4 19.0 28.6



#36
1,2-Dichloroethane
Concen: 0.264 ug/l
RT: 5.796 min Scan# 1386
Delta R.T. 0.003 min
Lab File: VU051443.D
Acq: 18 Oct 2022 15:49

Tgt Ion: 62 Resp: 4906
Ion Ratio Lower Upper
62 100
98 11.1 7.4 11.2





#37

Trichloroethene

Concen: 0.248 ug/l

RT: 6.542 min Scan# 1618

Delta R.T. -0.000 min

Lab File: VU051443.D

Acq: 18 Oct 2022 15:49

Instrument :

MSVOA_U

ClientSampleId :

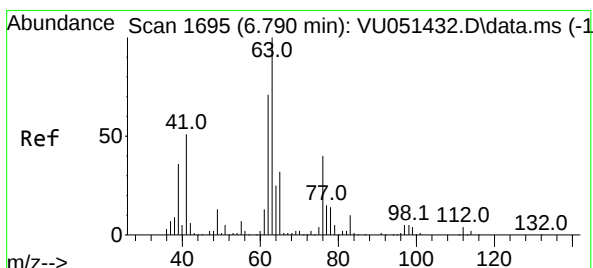
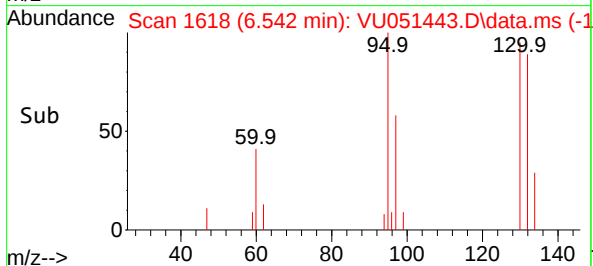
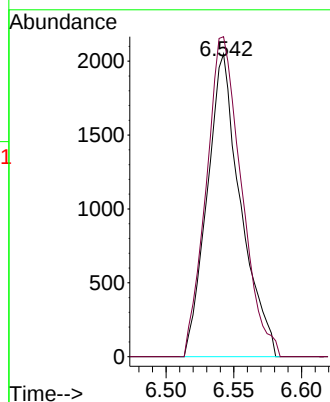
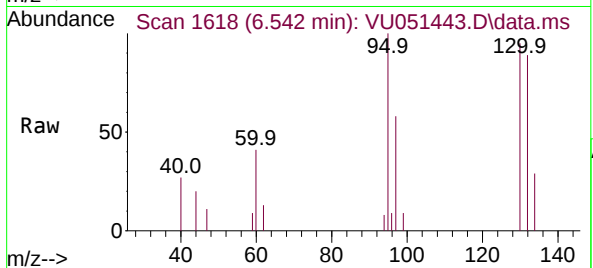
LOD-MDL-WATER-01-QT4-2022

Tgt Ion:130 Resp: 3518

Ion Ratio Lower Upper

130 100

95 105.7 80.2 120.4



#38

1,2-Dichloropropane

Concen: 0.247 ug/l

RT: 6.790 min Scan# 1695

Delta R.T. -0.000 min

Lab File: VU051443.D

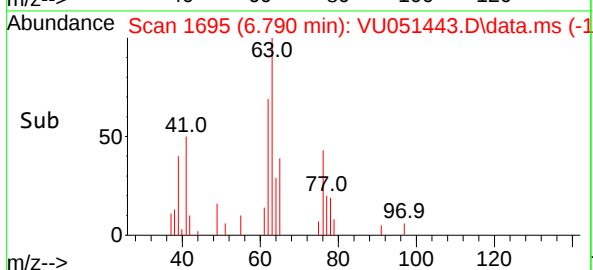
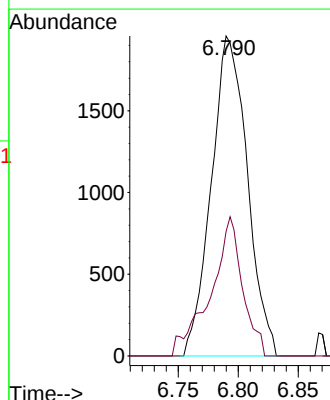
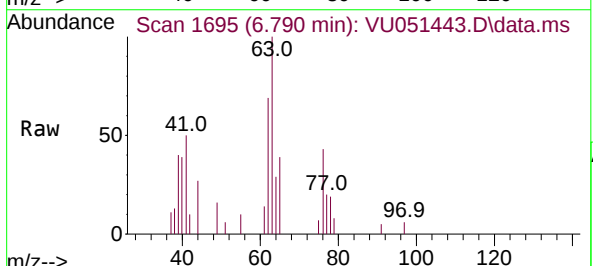
Acq: 18 Oct 2022 15:49

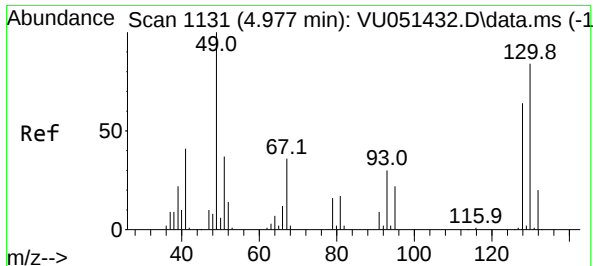
Tgt Ion: 63 Resp: 4085

Ion Ratio Lower Upper

63 100

65 39.0 25.4 38.2#





#39

Methacrylonitrile

Concen: 0.107 ug/l

RT: 4.983 min Scan# 1131

Delta R.T. 0.006 min

Lab File: VU051443.D

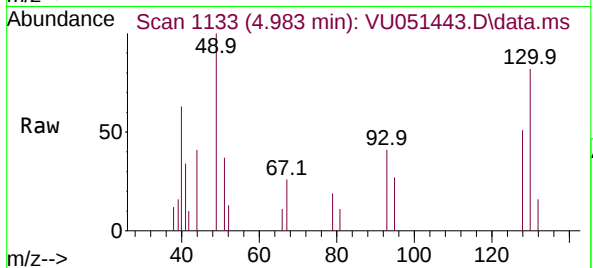
Acq: 18 Oct 2022 15:49

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT4-2022



Tgt Ion: 41 Resp: 446

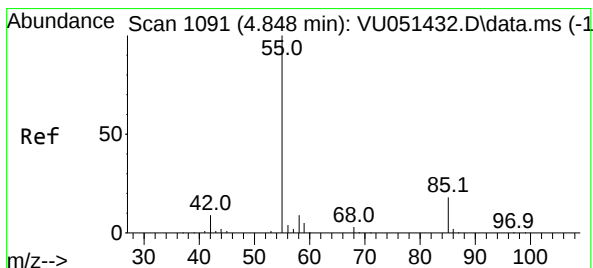
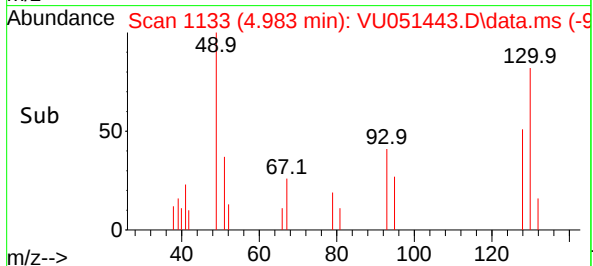
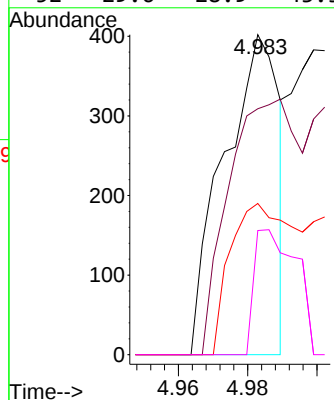
Ion Ratio Lower Upper

41 100

67 101.1 69.6 104.4

39 55.6 42.2 63.4

52 29.6 28.9 43.3



#40

Methyl acrylate

Concen: 0.007 ug/l

RT: 4.832 min Scan# 1086

Delta R.T. -0.016 min

Lab File: VU051443.D

Acq: 18 Oct 2022 15:49

Tgt Ion: 55 Resp: 44

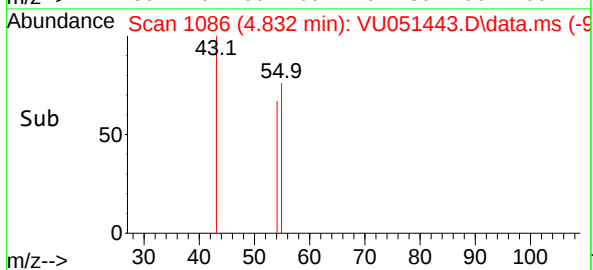
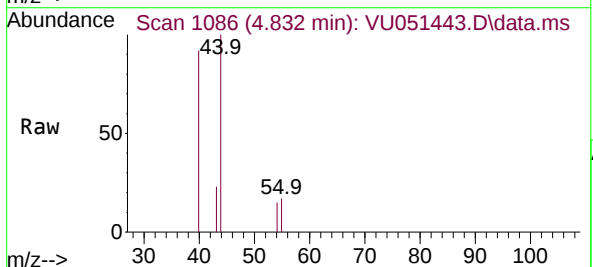
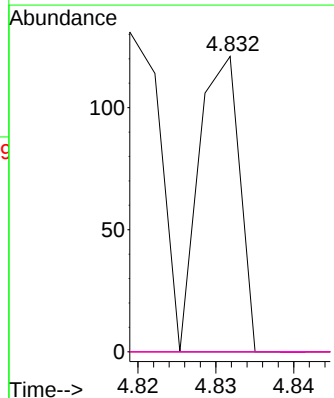
Ion Ratio Lower Upper

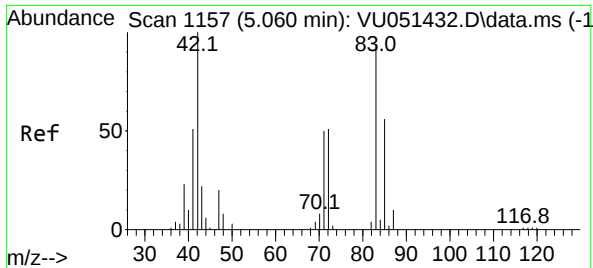
55 100

85 0.0 15.0 22.6#

58 0.0 7.5 11.3#

42 0.0 7.8 11.6#

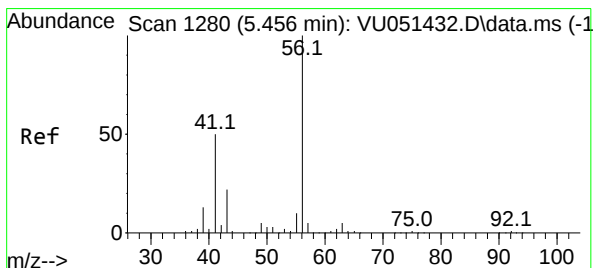
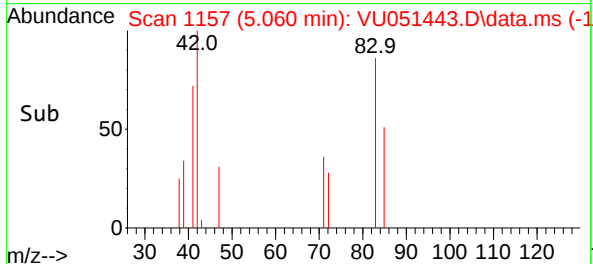
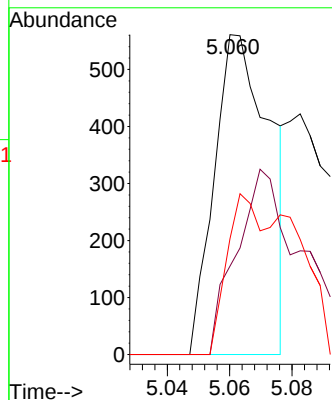
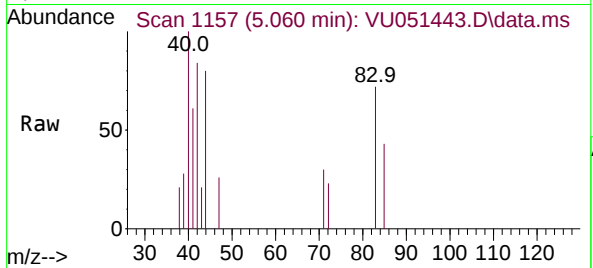




#41
Tetrahydrofuran
Concen: 0.318 ug/l
RT: 5.060 min Scan# 1157
Delta R.T. -0.000 min
Lab File: VU051443.D
Acq: 18 Oct 2022 15:49

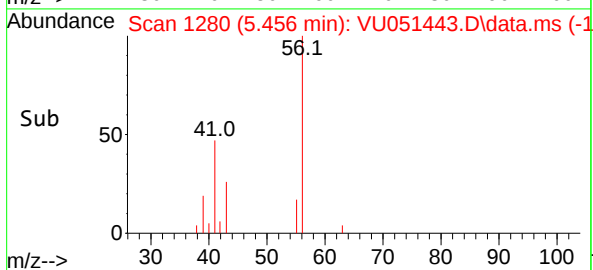
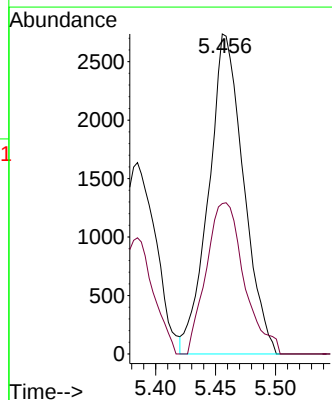
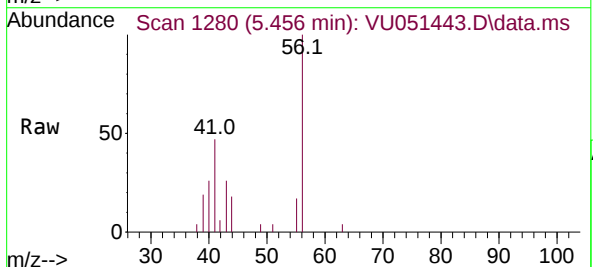
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

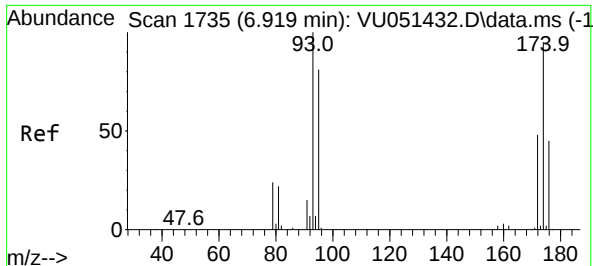
Tgt Ion: 42 Resp: 695
Ion Ratio Lower Upper
42 100
72 65.5 42.6 64.0#
71 35.8 38.3 57.5#



#42
1-Chlorobutane
Concen: 0.226 ug/l
RT: 5.456 min Scan# 1280
Delta R.T. -0.000 min
Lab File: VU051443.D
Acq: 18 Oct 2022 15:49

Tgt Ion: 56 Resp: 5534
Ion Ratio Lower Upper
56 100
41 51.3 24.8 74.4



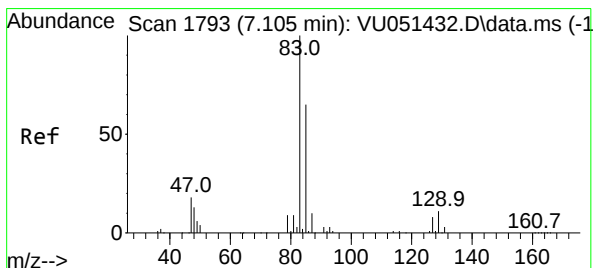
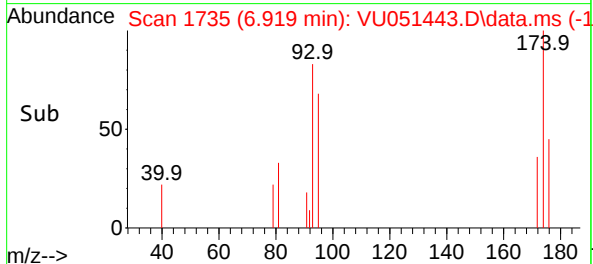
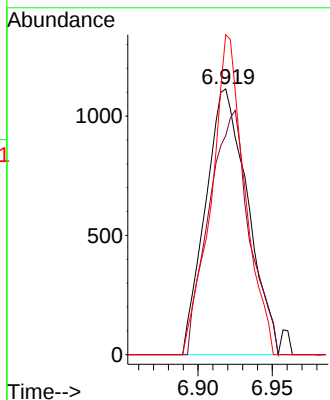
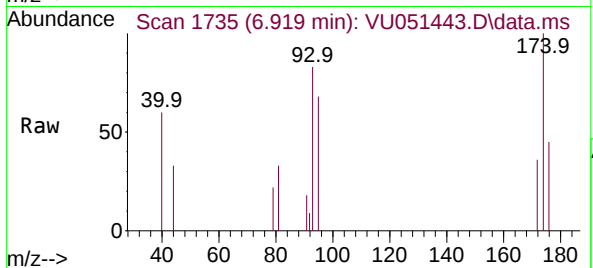


#43
Dibromomethane
Concen: 0.257 ug/l
RT: 6.919 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VU051443.D
Acq: 18 Oct 2022 15:49

Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

Tgt Ion: 93 Resp: 2204

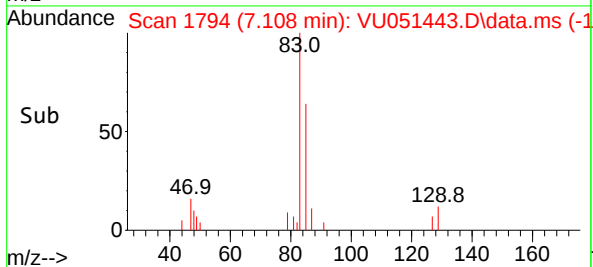
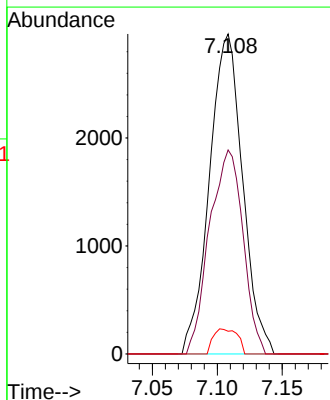
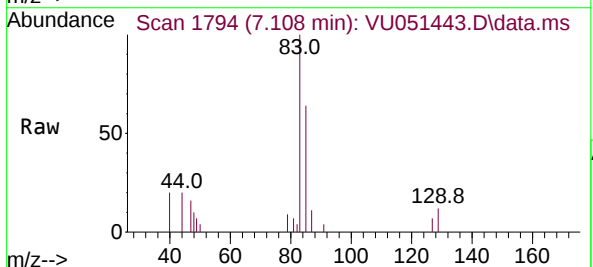
Ion	Ratio	Lower	Upper
93	100		
95	88.1	66.7	100.1
174	95.9	75.5	113.3



#44
Bromodichloromethane
Concen: 0.253 ug/l
RT: 7.108 min Scan# 1794
Delta R.T. 0.003 min
Lab File: VU051443.D
Acq: 18 Oct 2022 15:49

Tgt Ion: 83 Resp: 5257

Ion	Ratio	Lower	Upper
83	100		
85	63.7	52.1	78.1
127	7.1	6.8	10.2





#45

4-Methyl-2-Pentanone

Concen: 1.112 ug/l

RT: 7.796 min Scan# 2007

Delta R.T. 0.003 min

Lab File: VU051443.D

Acq: 18 Oct 2022 15:49

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT4-2022

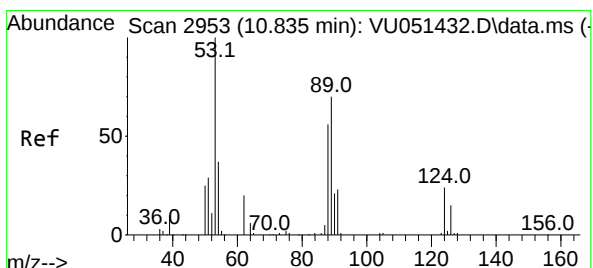
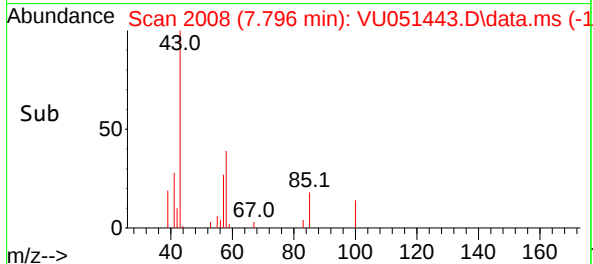
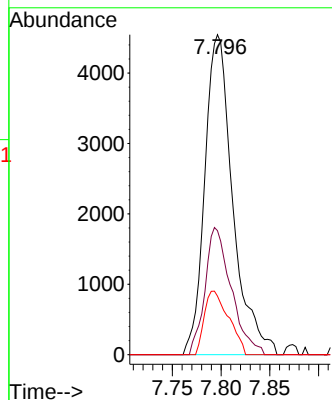
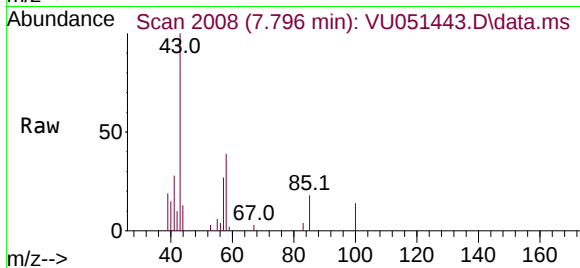
Tgt Ion: 43 Resp: 9096

Ion Ratio Lower Upper

43 100

58 37.1 21.4 64.3

85 17.2 15.4 23.0



#46

t-1,4-Dichloro-2-butene

Concen: 0.980 ug/l

RT: 10.822 min Scan# 2949

Delta R.T. -0.013 min

Lab File: VU051443.D

Acq: 18 Oct 2022 15:49

Tgt Ion: 75 Resp: 4474

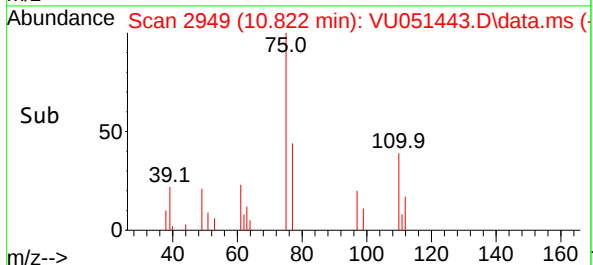
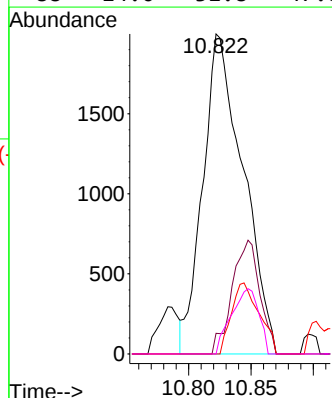
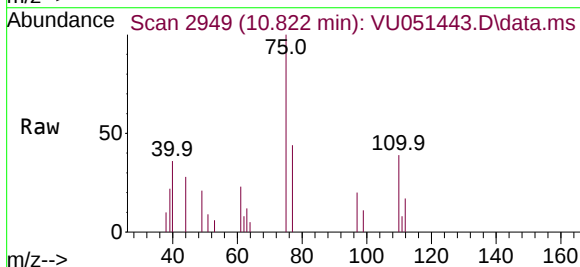
Ion Ratio Lower Upper

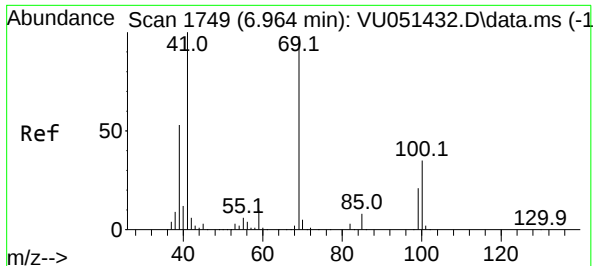
75 100

53 24.4 61.1 91.7#

89 15.3 41.0 61.6#

88 14.0 31.8 47.8#





#47

Methyl methacrylate

Concen: 0.354 ug/l

RT: 6.967 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU051443.D

Acq: 18 Oct 2022 15:49

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT4-2022

Tgt Ion: 69 Resp: 2322

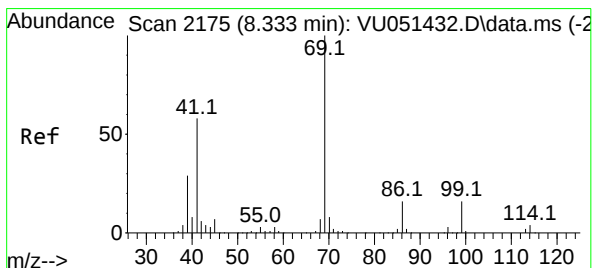
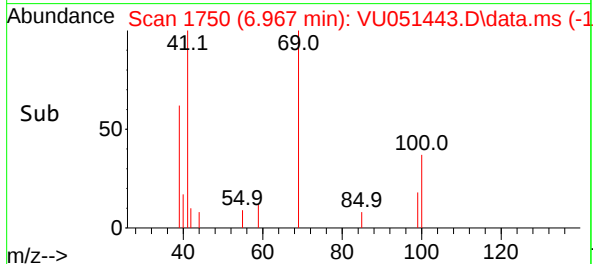
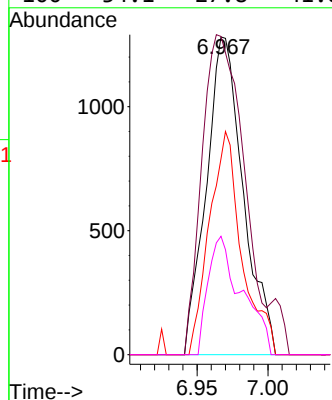
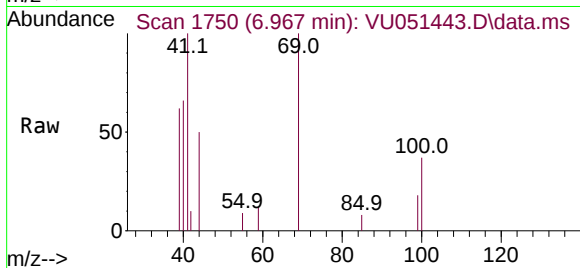
Ion Ratio Lower Upper

69 100

41 113.8 0.0 200.8

39 61.8 44.1 66.1

100 34.1 27.8 41.8



#48

Ethyl methacrylate

Concen: 0.180 ug/l

RT: 8.336 min Scan# 2176

Delta R.T. 0.003 min

Lab File: VU051443.D

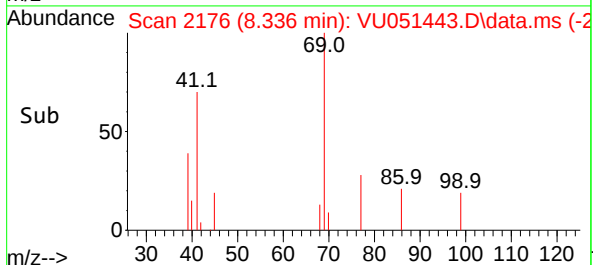
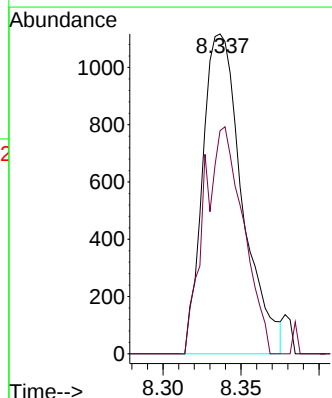
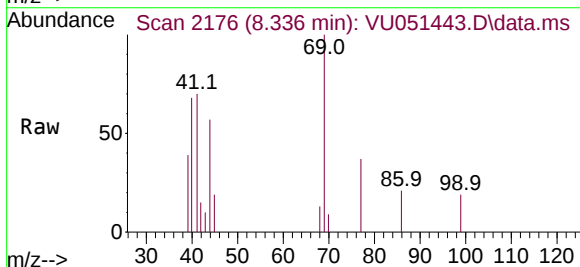
Acq: 18 Oct 2022 15:49

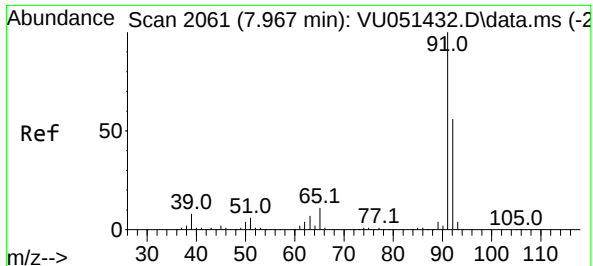
Tgt Ion: 69 Resp: 1976

Ion Ratio Lower Upper

69 100

41 70.4 28.8 86.5





#49

Toluene

Concen: 0.212 ug/l

RT: 7.970 min Scan# 2061

Delta R.T. 0.003 min

Lab File: VU051443.D

Acq: 18 Oct 2022 15:49

Instrument :

MSVOA_U

ClientSampleId :

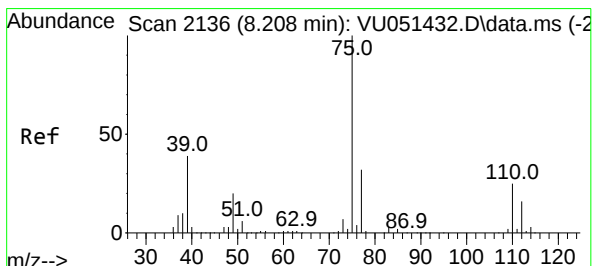
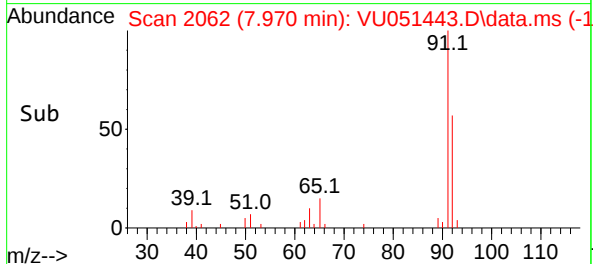
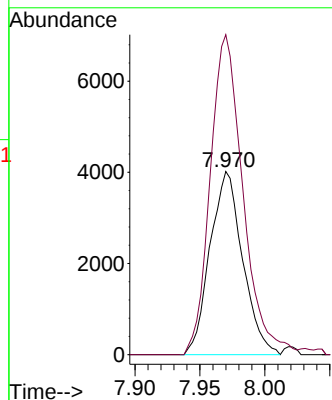
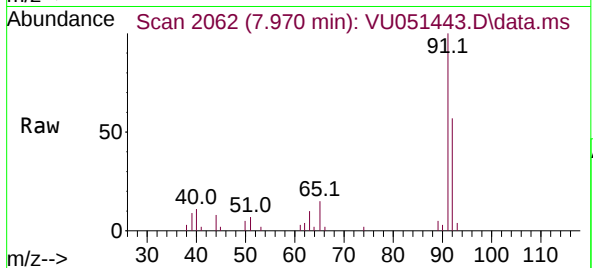
LOD-MDL-WATER-01-QT4-2022

Tgt Ion: 92 Resp: 7008

Ion Ratio Lower Upper

92 100

91 175.3 141.8 212.6



#50

t-1,3-Dichloropropene

Concen: 0.231 ug/l

RT: 8.214 min Scan# 2138

Delta R.T. 0.006 min

Lab File: VU051443.D

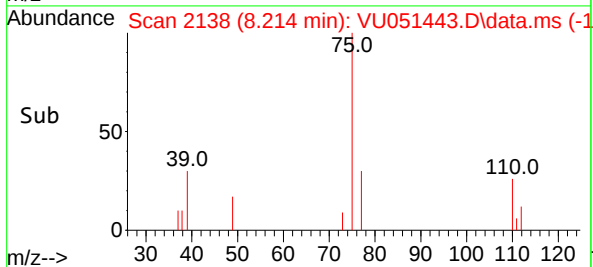
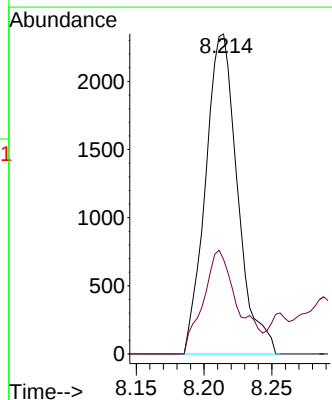
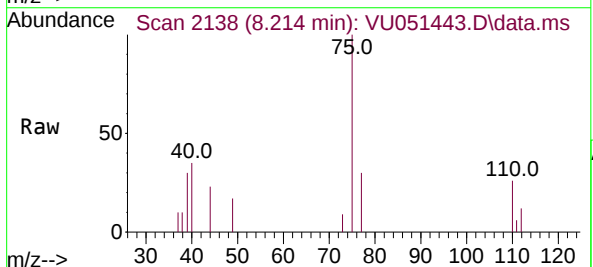
Acq: 18 Oct 2022 15:49

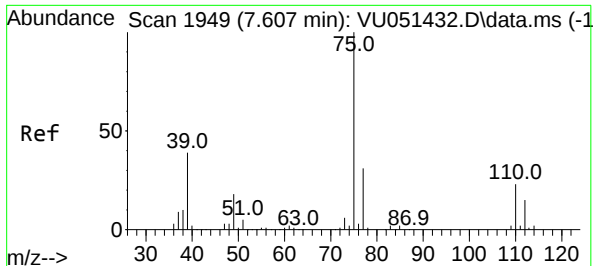
Tgt Ion: 75 Resp: 3859

Ion Ratio Lower Upper

75 100

77 29.6 25.8 38.6

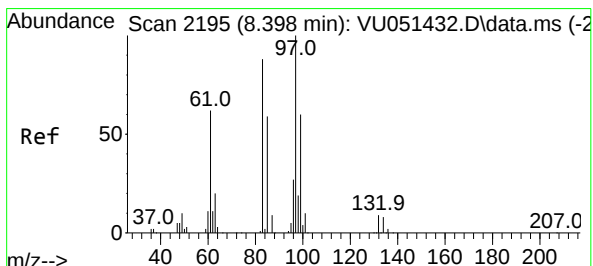
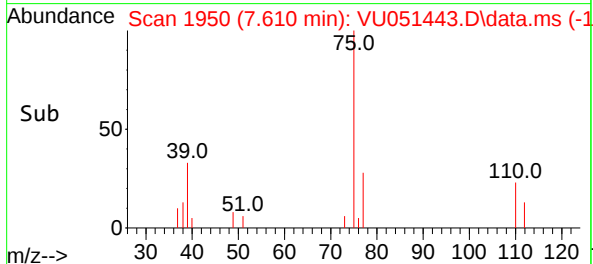
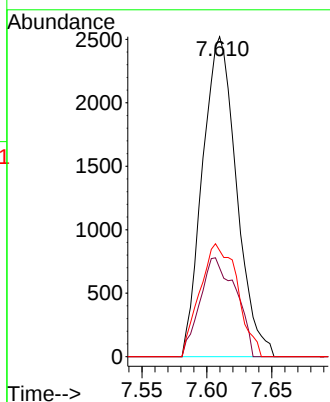
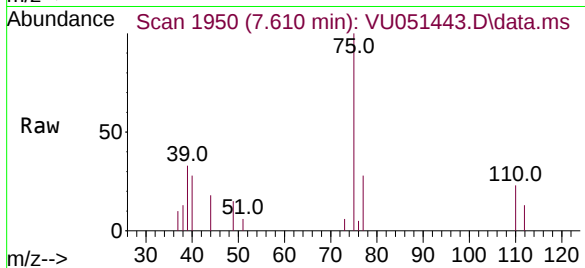




#51
 cis-1,3-Dichloropropene
 Concen: 0.233 ug/l
 RT: 7.610 min Scan# 1949
 Delta R.T. 0.003 min
 Lab File: VU051443.D
 Acq: 18 Oct 2022 15:49

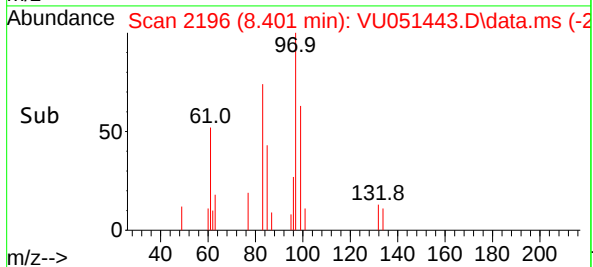
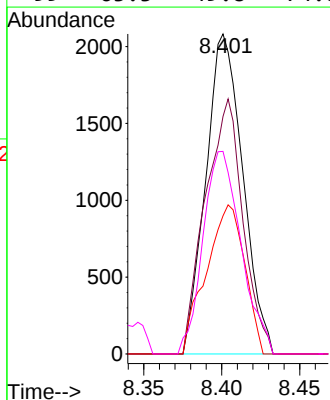
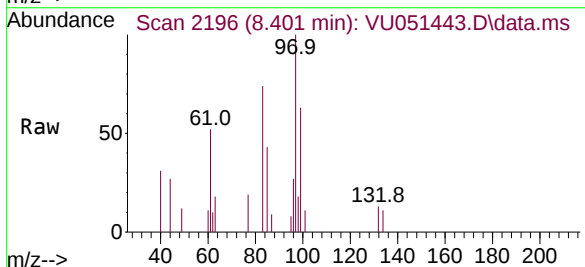
Instrument : MSVOA_U
 ClientSampleId : LOD-MDL-WATER-01-QT4-2022

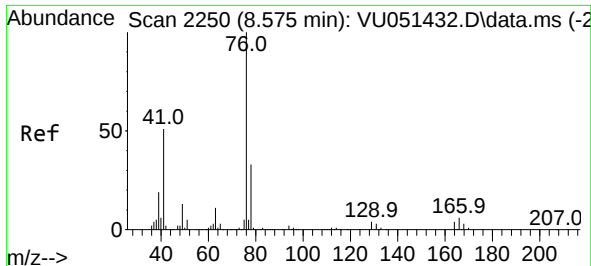
Tgt Ion:	75	Resp:	4584
Ion	Ratio	Lower	Upper
75	100		
77	27.7	25.1	37.7
39	33.2	31.4	47.0



#52
 1,1,2-Trichloroethane
 Concen: 0.280 ug/l
 RT: 8.401 min Scan# 2196
 Delta R.T. 0.003 min
 Lab File: VU051443.D
 Acq: 18 Oct 2022 15:49

Tgt Ion:	97	Resp:	3432
Ion	Ratio	Lower	Upper
97	100		
83	74.2	70.6	105.8
85	43.2	47.0	70.4#
99	63.3	49.8	74.8





#53

1,3-Dichloropropane

Concen: 0.238 ug/l

RT: 8.574 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU051443.D

Acq: 18 Oct 2022 15:49

Instrument :

MSVOA_U

ClientSampleId :

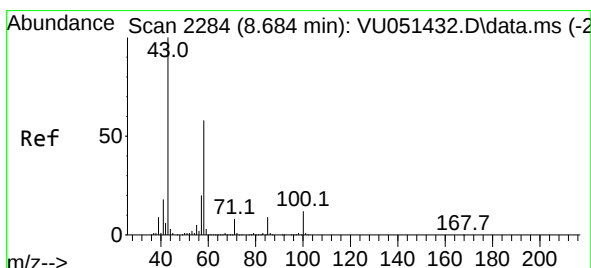
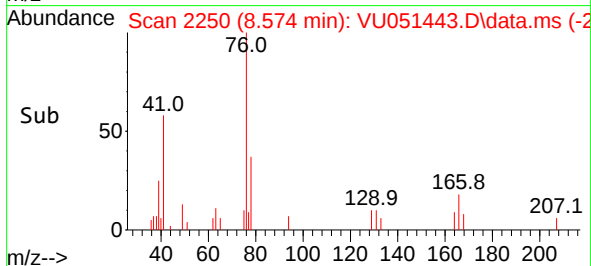
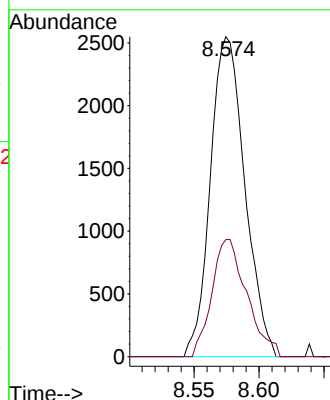
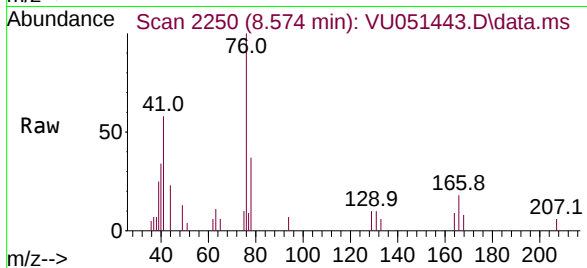
LOD-MDL-WATER-01-QT4-2022

Tgt Ion: 76 Resp: 4697

Ion Ratio Lower Upper

76 100

78 37.1 26.4 39.6



#54

2-Hexanone

Concen: 0.974 ug/l

RT: 8.687 min Scan# 2285

Delta R.T. 0.003 min

Lab File: VU051443.D

Acq: 18 Oct 2022 15:49

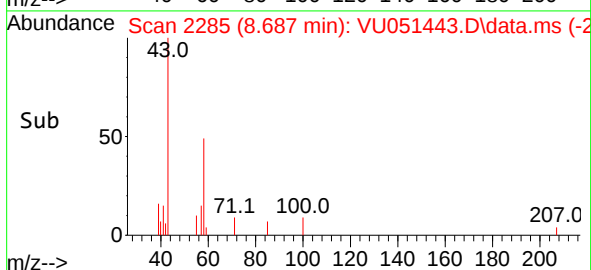
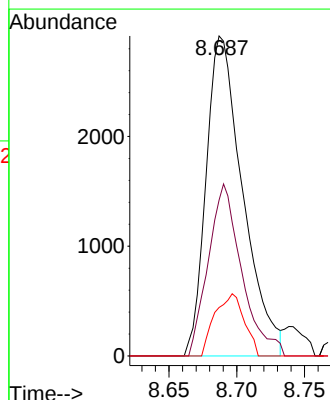
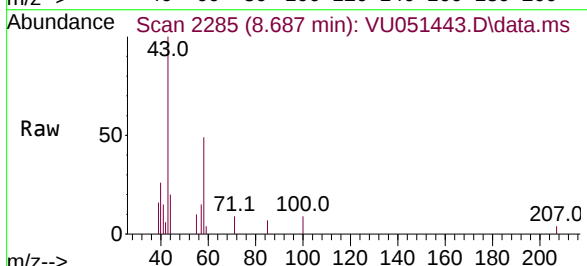
Tgt Ion: 43 Resp: 5474

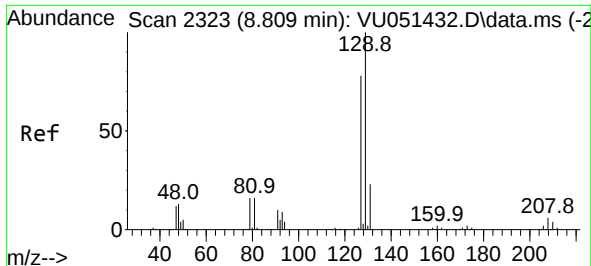
Ion Ratio Lower Upper

43 100

58 49.0 38.0 78.0

57 15.6 0.0 39.9





#55

Dibromochloromethane

Concen: 0.277 ug/l

RT: 8.809 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU051443.D

Acq: 18 Oct 2022 15:49

Instrument :

MSVOA_U

ClientSampleId :

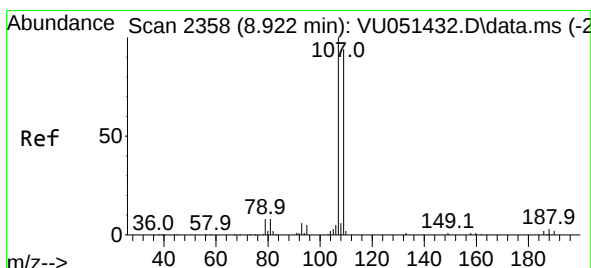
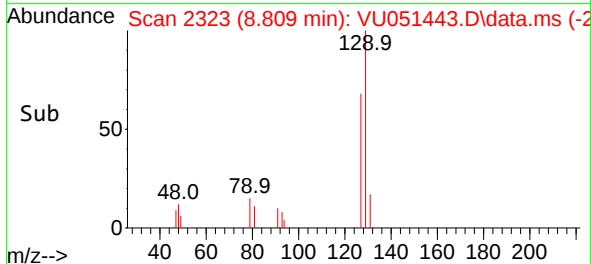
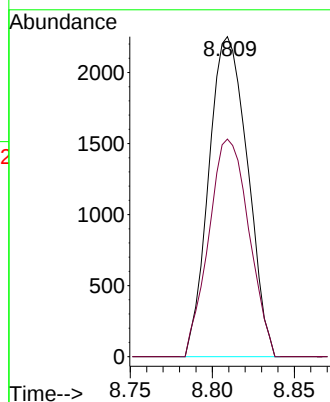
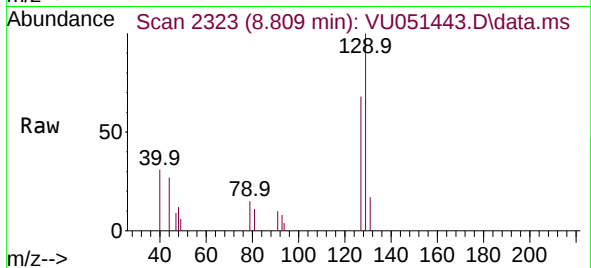
LOD-MDL-WATER-01-QT4-2022

Tgt Ion:129 Resp: 3695

Ion Ratio Lower Upper

129 100

127 70.5 62.1 93.1



#56

1,2-Dibromoethane

Concen: 0.246 ug/l

RT: 8.928 min Scan# 2360

Delta R.T. 0.006 min

Lab File: VU051443.D

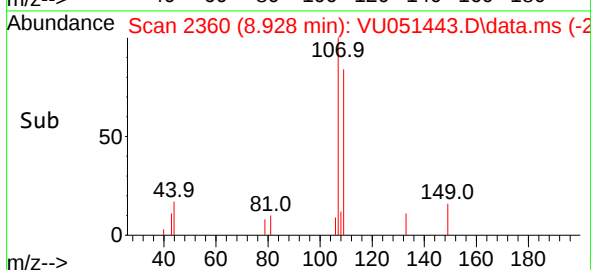
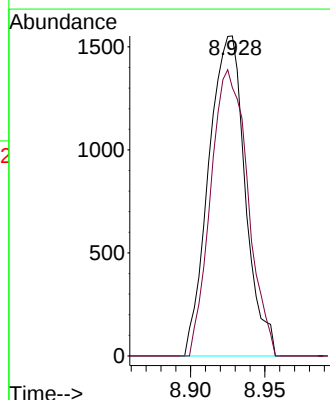
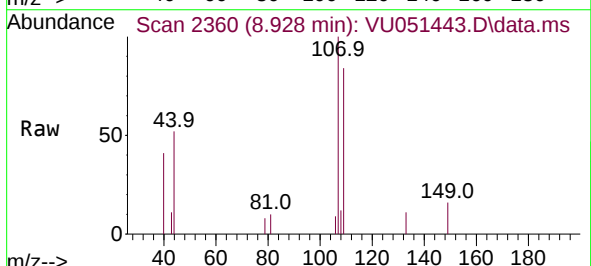
Acq: 18 Oct 2022 15:49

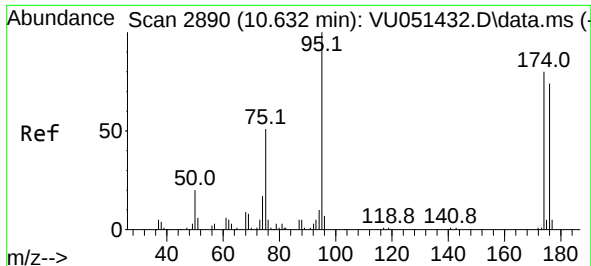
Tgt Ion:107 Resp: 2657

Ion Ratio Lower Upper

107 100

109 90.7 0.0 190.6

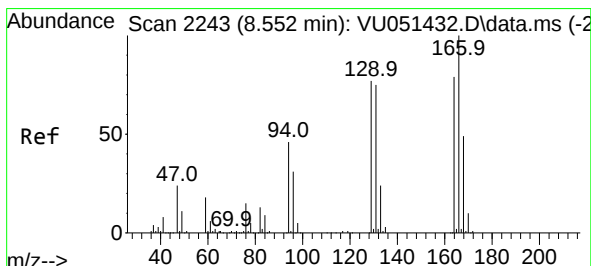
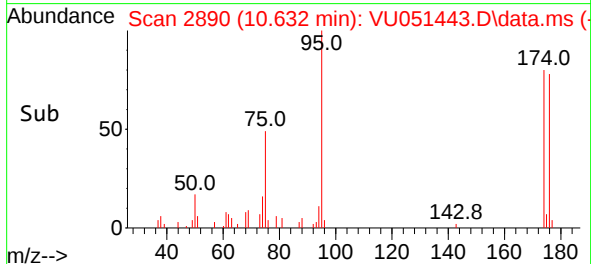
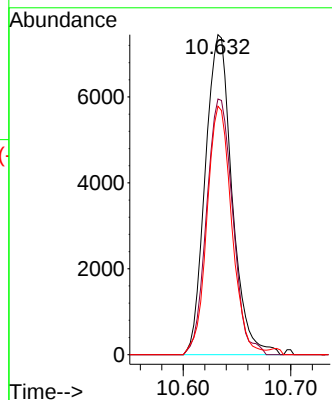
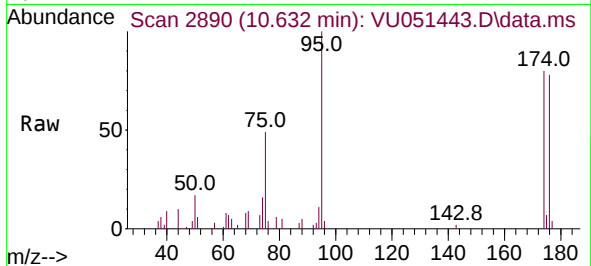




#57
4-Bromofluorobenzene
Concen: 0.802 ug/l
RT: 10.632 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU051443.D
Acq: 18 Oct 2022 15:49

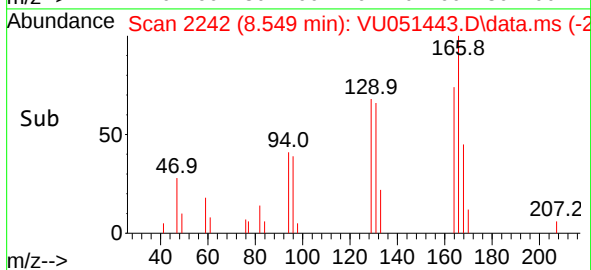
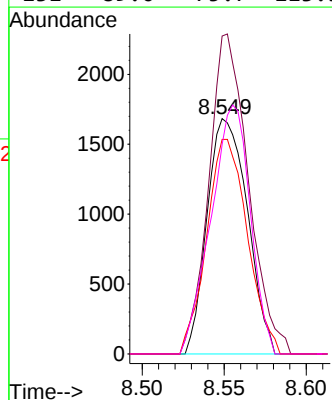
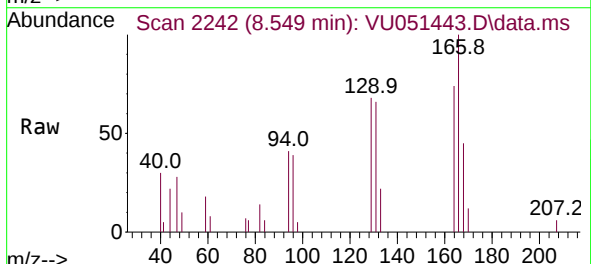
Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT4-2022

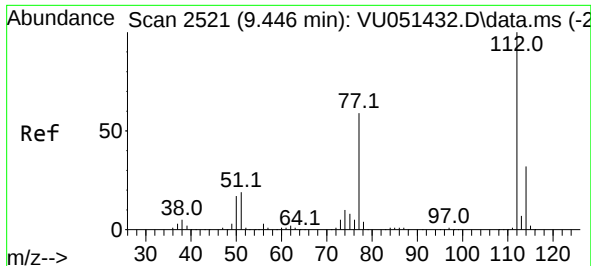
Tgt Ion:	95	Resp:	12906
Ion	Ratio	Lower	Upper
95	100		
174	77.8	63.0	94.6
176	71.9	59.8	89.6



#58
Tetrachloroethene
Concen: 0.232 ug/l
RT: 8.549 min Scan# 2242
Delta R.T. -0.003 min
Lab File: VU051443.D
Acq: 18 Oct 2022 15:49

Tgt Ion:	164	Resp:	2868
Ion	Ratio	Lower	Upper
164	100		
166	135.1	100.9	151.3
129	91.2	77.5	116.3
131	89.0	75.7	113.5





#59

Chlorobenzene

Concen: 0.220 ug/l

RT: 9.449 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU051443.D

Acq: 18 Oct 2022 15:49

Instrument :

MSVOA_U

ClientSampleId :

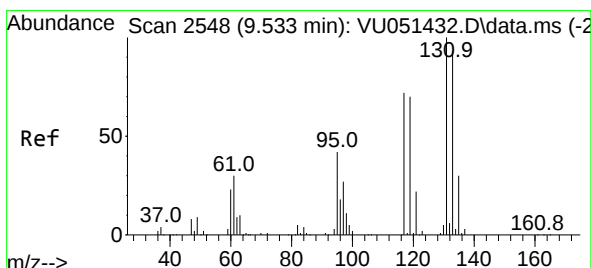
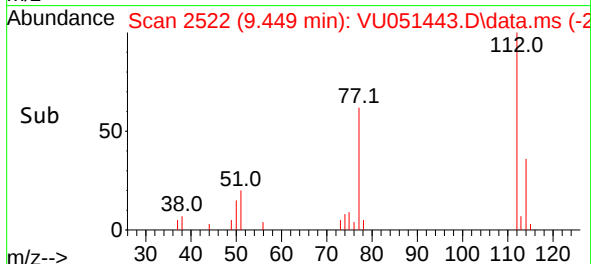
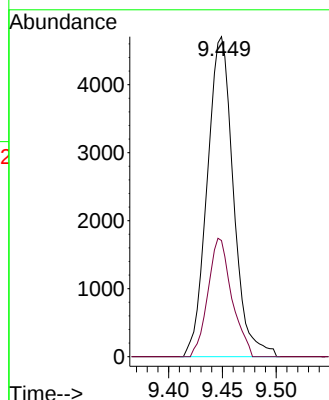
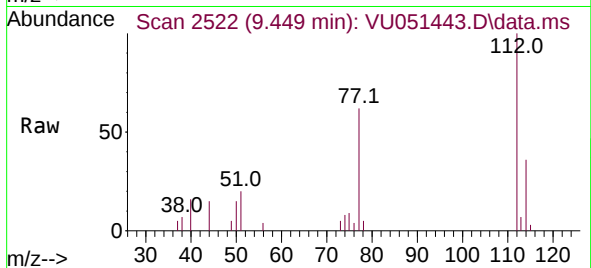
LOD-MDL-WATER-01-QT4-2022

Tgt Ion:112 Resp: 7976

Ion Ratio Lower Upper

112 100

114 36.3 25.8 38.6



#60

1,1,1,2-Tetrachloroethane

Concen: 0.266 ug/l

RT: 9.533 min Scan# 2548

Delta R.T. -0.000 min

Lab File: VU051443.D

Acq: 18 Oct 2022 15:49

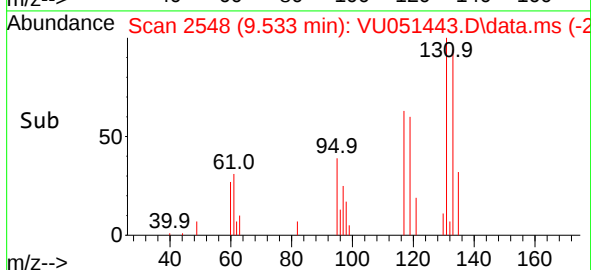
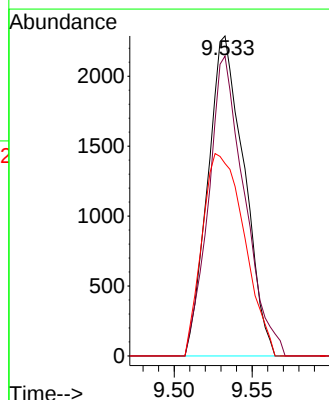
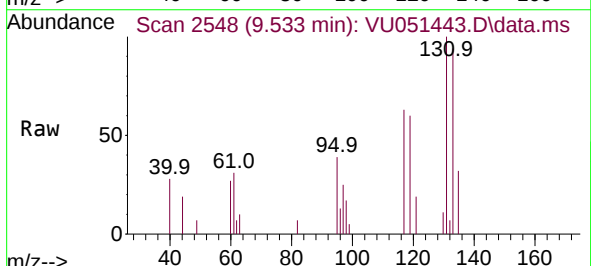
Tgt Ion:131 Resp: 3699

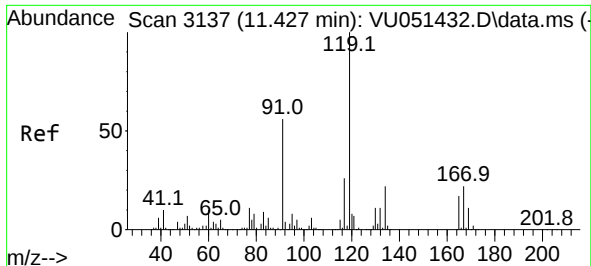
Ion Ratio Lower Upper

131 100

133 92.9 76.5 114.7

119 73.7 56.5 84.7

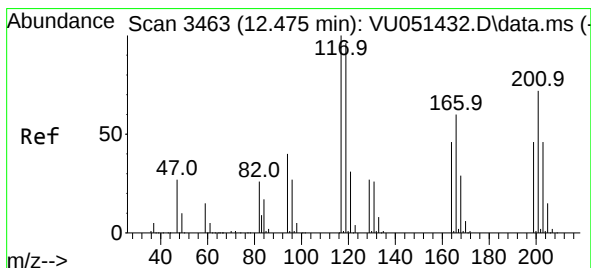
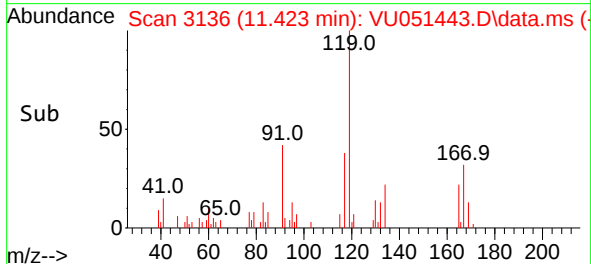
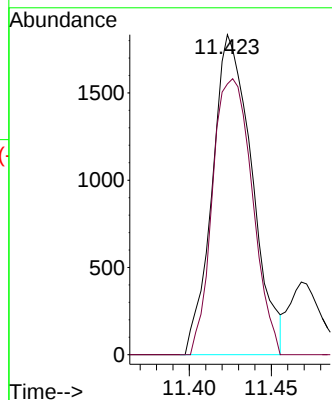
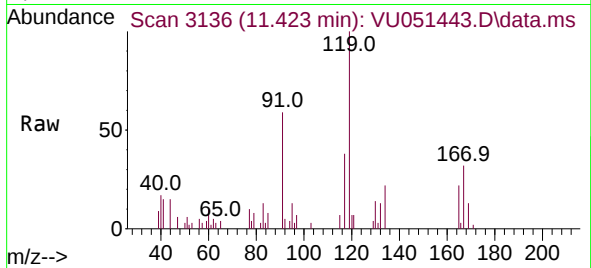




#61
 Pentachloroethane
 Concen: 0.248 ug/l
 RT: 11.423 min Scan# 3137
 Delta R.T. -0.004 min
 Lab File: VU051443.D
 Acq: 18 Oct 2022 15:49

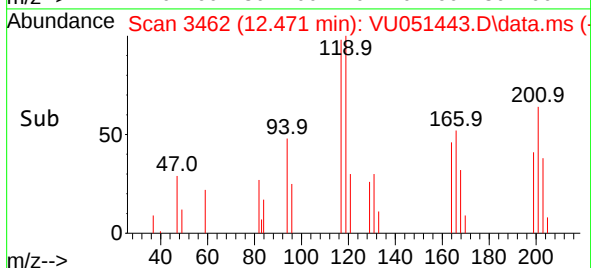
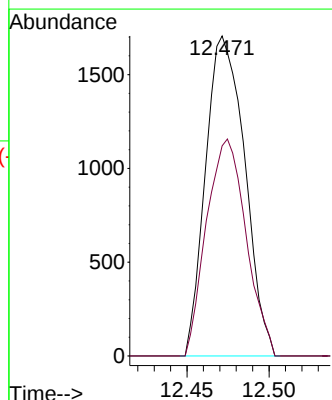
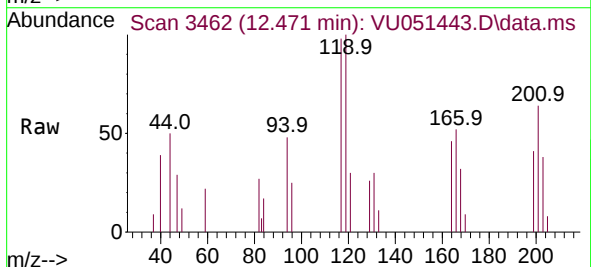
Instrument :
 MSVOA_U
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2022

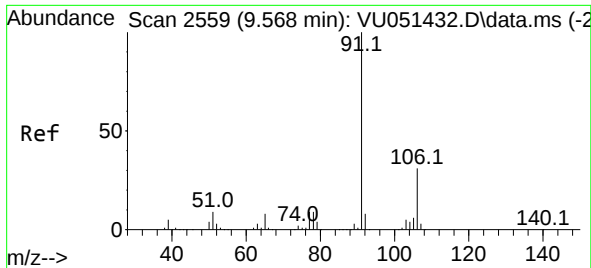
Tgt Ion:117 Resp: 3080
 Ion Ratio Lower Upper
 117 100
 167 86.2 63.3 94.9



#62
 Hexachloroethane
 Concen: 0.240 ug/l
 RT: 12.471 min Scan# 3462
 Delta R.T. -0.003 min
 Lab File: VU051443.D
 Acq: 18 Oct 2022 15:49

Tgt Ion:117 Resp: 2825
 Ion Ratio Lower Upper
 117 100
 201 68.7 57.4 86.2

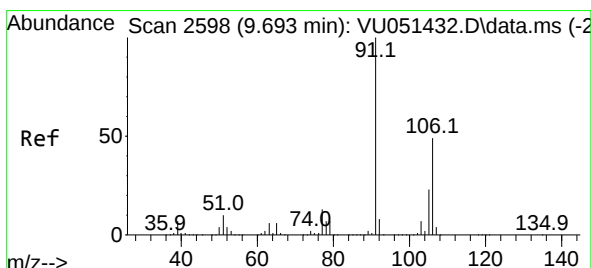
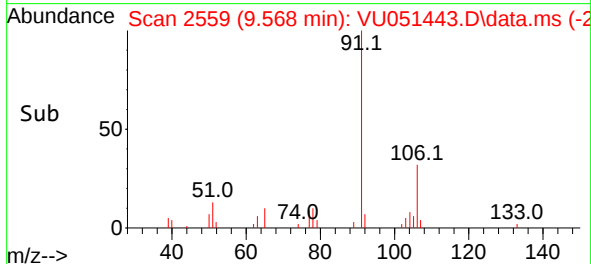
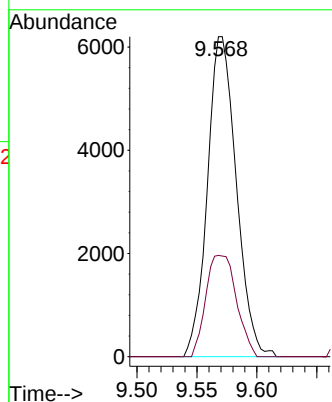
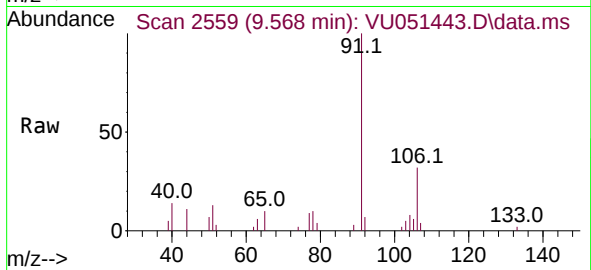




#63
Ethyl Benzene
Concen: 0.189 ug/l
RT: 9.568 min Scan# 2559
Delta R.T. -0.000 min
Lab File: VU051443.D
Acq: 18 Oct 2022 15:49

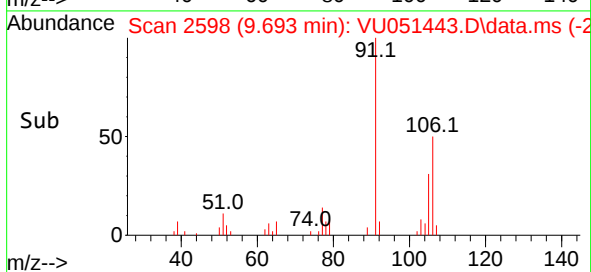
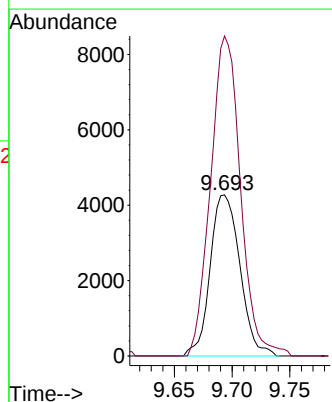
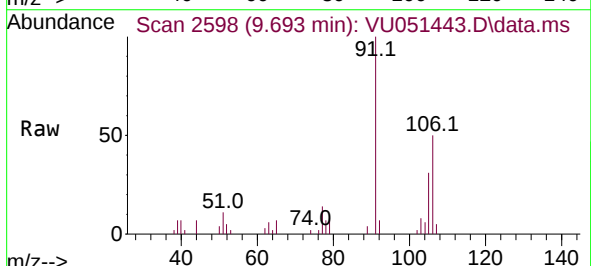
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

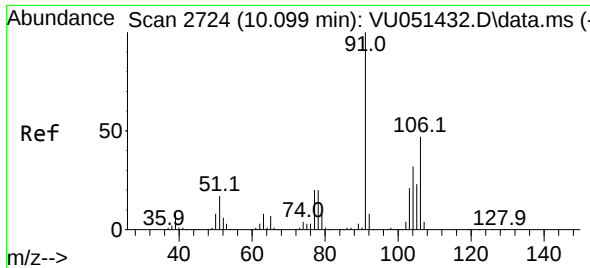
Tgt Ion: 91 Resp: 10384
Ion Ratio Lower Upper
91 100
106 31.6 24.9 37.3



#64
m/p-Xylenes
Concen: 0.349 ug/l
RT: 9.693 min Scan# 2598
Delta R.T. 0.000 min
Lab File: VU051443.D
Acq: 18 Oct 2022 15:49

Tgt Ion:106 Resp: 7663
Ion Ratio Lower Upper
106 100
91 199.7 163.2 244.8

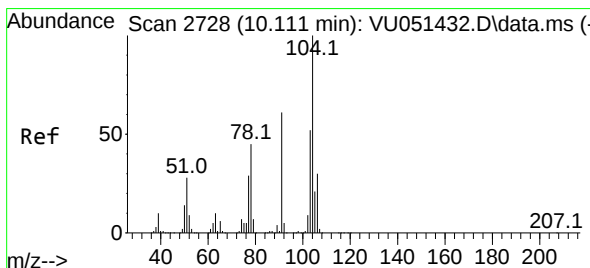
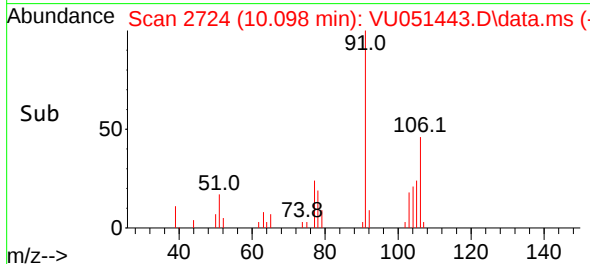
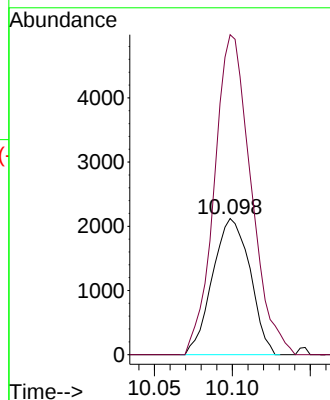
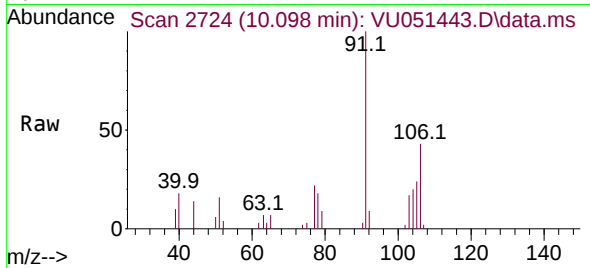




#65
o-Xylene
Concen: 0.166 ug/l
RT: 10.098 min Scan# 2724
Delta R.T. -0.001 min
Lab File: VU051443.D
Acq: 18 Oct 2022 15:49

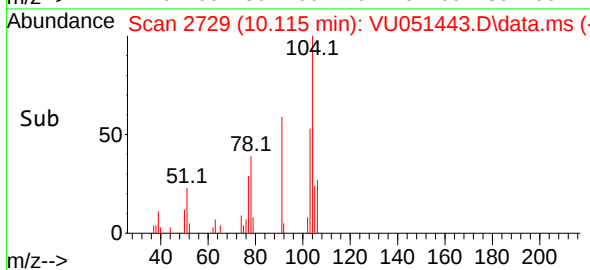
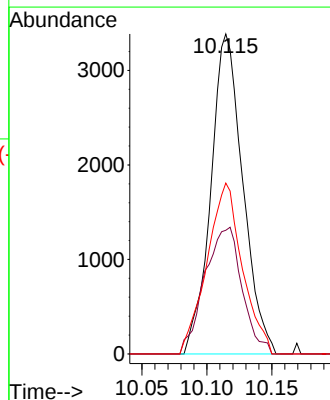
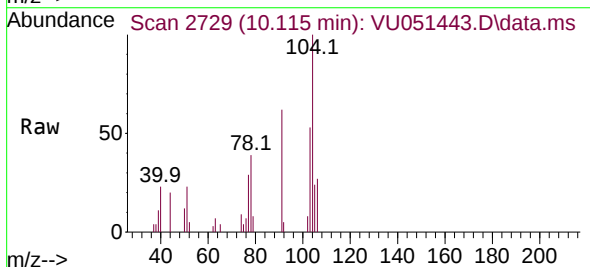
Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT4-2022

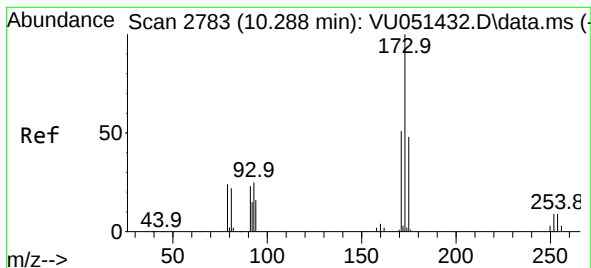
Tgt Ion:106 Resp: 3551
Ion Ratio Lower Upper
106 100
91 229.1 107.1 321.3



#66
Styrene
Concen: 0.164 ug/l
RT: 10.115 min Scan# 2729
Delta R.T. 0.004 min
Lab File: VU051443.D
Acq: 18 Oct 2022 15:49

Tgt Ion:104 Resp: 5799
Ion Ratio Lower Upper
104 100
78 46.1 39.7 59.5
103 58.8 44.4 66.6





#67

Bromoform

Concen: 0.232 ug/l

RT: 10.288 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU051443.D

Acq: 18 Oct 2022 15:49

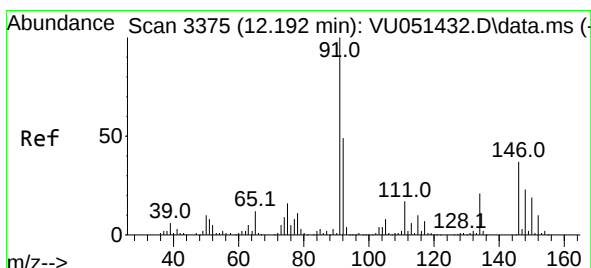
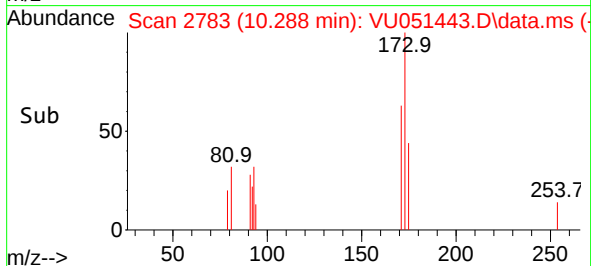
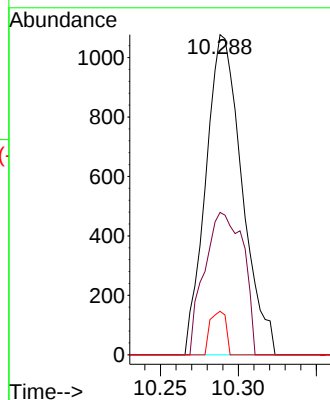
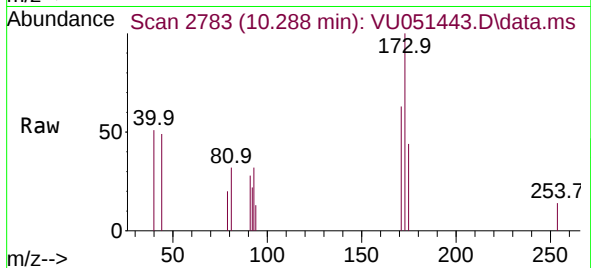
Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT4-2022

Tgt Ion:173	Resp:	1740
Ion Ratio	Lower	Upper
173	100	
175	47.5	38.6 58.0
254	5.9	7.3 10.9#



#68

1,2-Dichlorobenzene-d4

Concen: 0.814 ug/l

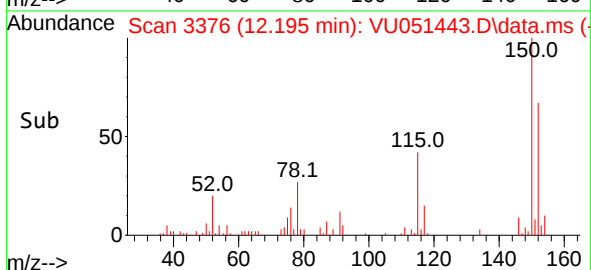
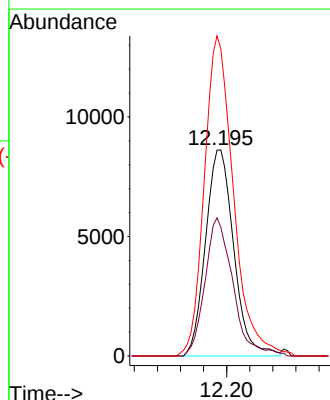
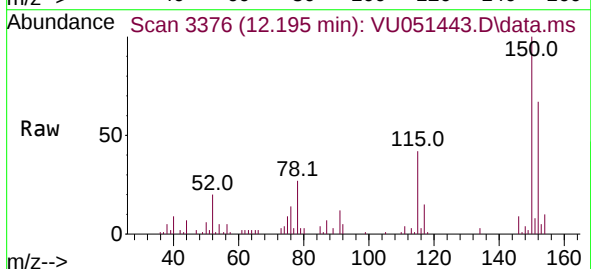
RT: 12.195 min Scan# 3376

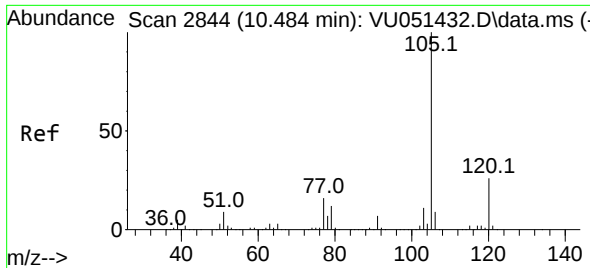
Delta R.T. 0.003 min

Lab File: VU051443.D

Acq: 18 Oct 2022 15:49

Tgt Ion:152	Resp:	14631
Ion Ratio	Lower	Upper
152	100	
115	66.2	0.0 333.0
150	160.2	0.0 662.0

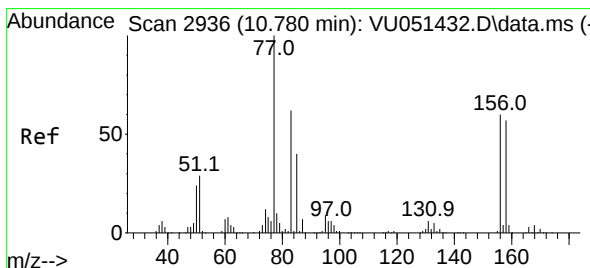
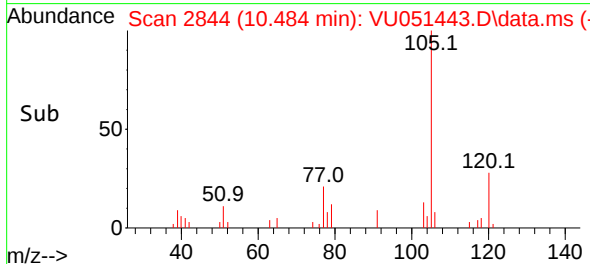
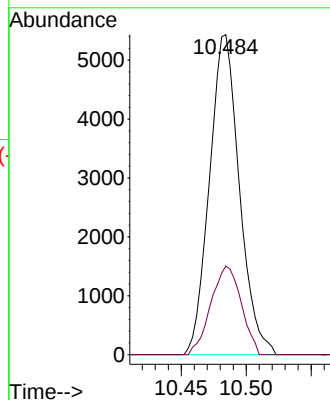
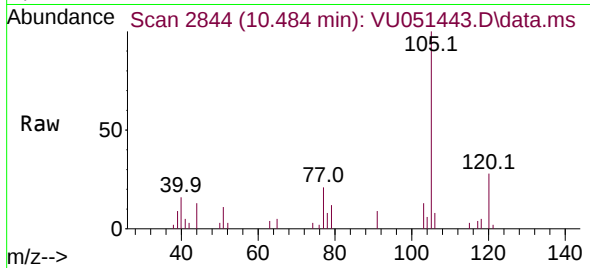




#69
Isopropylbenzene
Concen: 0.165 ug/l
RT: 10.484 min Scan# 2844
Delta R.T. 0.000 min
Lab File: VU051443.D
Acq: 18 Oct 2022 15:49

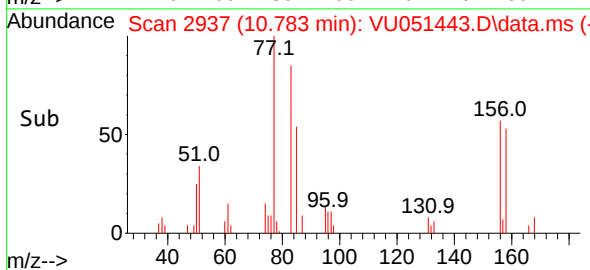
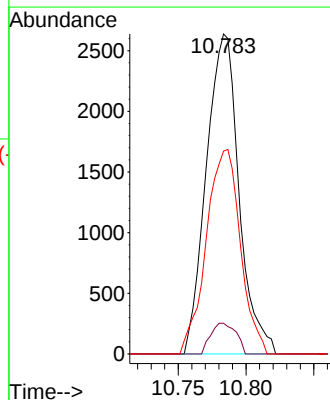
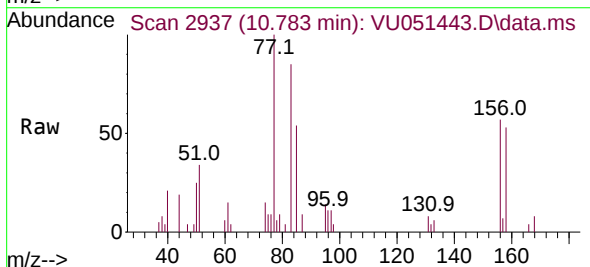
Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT4-2022

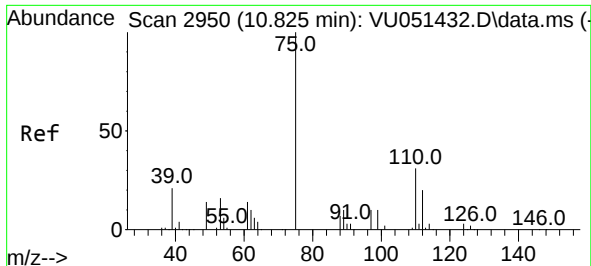
Tgt Ion:105 Resp: 8696
Ion Ratio Lower Upper
105 100
120 28.1 13.0 39.0



#70
1,1,2,2-Tetrachloroethane
Concen: 0.267 ug/l
RT: 10.783 min Scan# 2937
Delta R.T. 0.003 min
Lab File: VU051443.D
Acq: 18 Oct 2022 15:49

Tgt Ion: 83 Resp: 4427
Ion Ratio Lower Upper
83 100
131 7.4 7.2 10.8
85 66.5 51.4 77.2

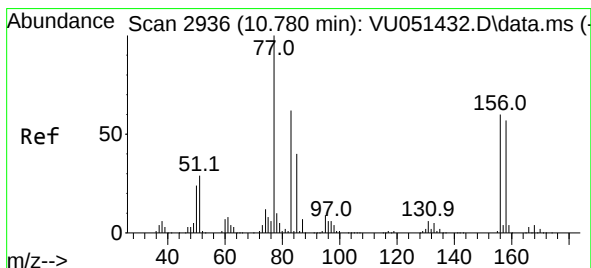
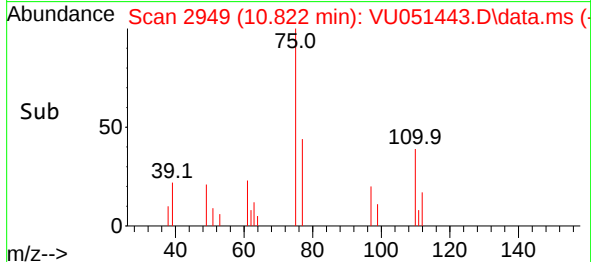
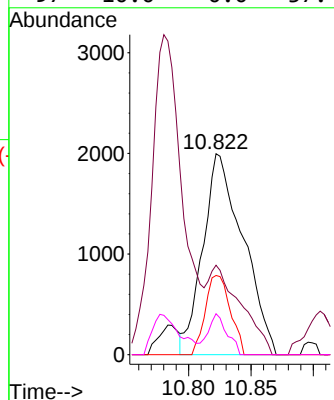
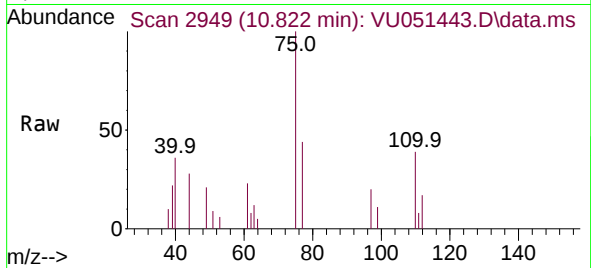




#71
1,2,3-Trichloropropane
Concen: 0.363 ug/l
RT: 10.822 min Scan# 2949
Delta R.T. -0.003 min
Lab File: VU051443.D
Acq: 18 Oct 2022 15:49

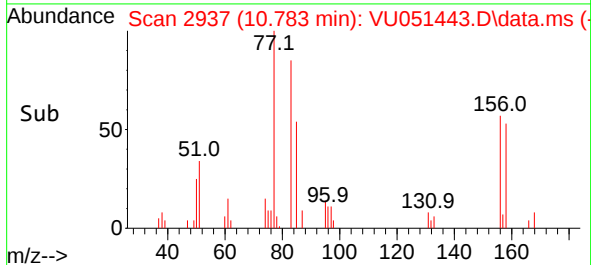
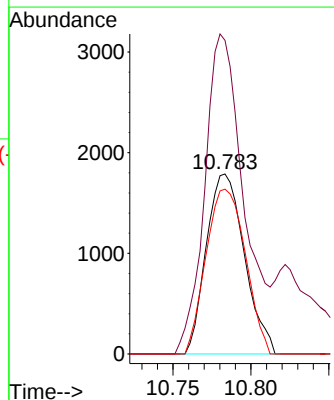
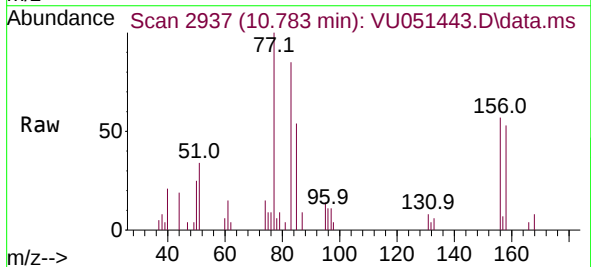
Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT4-2022

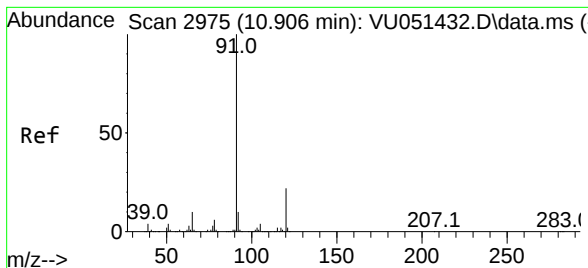
Tgt Ion: 75	Resp: 4474
Ion Ratio	Lower Upper
75 100	
77 33.0	0.0 111.0
110 24.5	0.0 70.2
97 10.0	0.0 37.4



#72
Bromobenzene
Concen: 0.211 ug/l
RT: 10.783 min Scan# 2937
Delta R.T. 0.003 min
Lab File: VU051443.D
Acq: 18 Oct 2022 15:49

Tgt Ion:156	Resp:	3042	
Ion	Ratio	Lower	Upper
156	100		
77	181.8	0.0	343.4
158	94.9	0.0	195.6





#73

n-propylbenzene

Concen: 0.140 ug/l

RT: 10.909 min Scan# 2975

Delta R.T. 0.003 min

Lab File: VU051443.D

Acq: 18 Oct 2022 15:49

Instrument :

MSVOA_U

ClientSampleId :

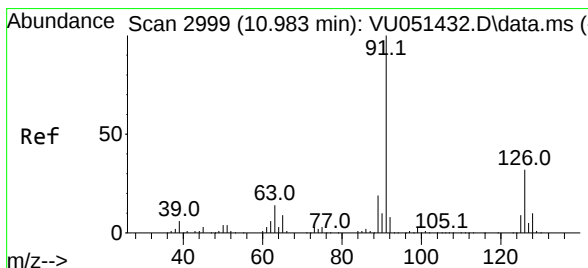
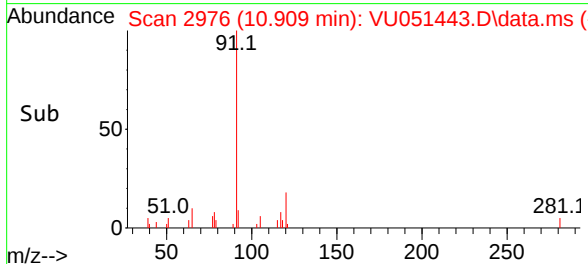
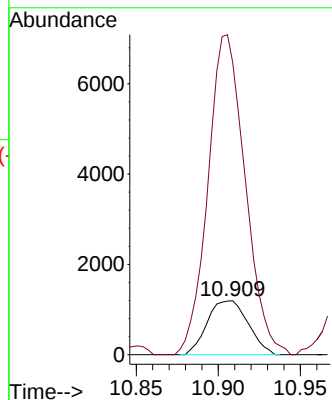
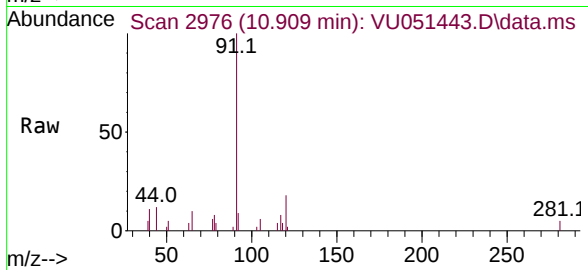
LOD-MDL-WATER-01-QT4-2022

Tgt Ion:120 Resp: 2066

Ion Ratio Lower Upper

120 100

91 540.2 362.3 543.5



#74

2-Chlorotoluene

Concen: 0.179 ug/l

RT: 10.983 min Scan# 2999

Delta R.T. -0.000 min

Lab File: VU051443.D

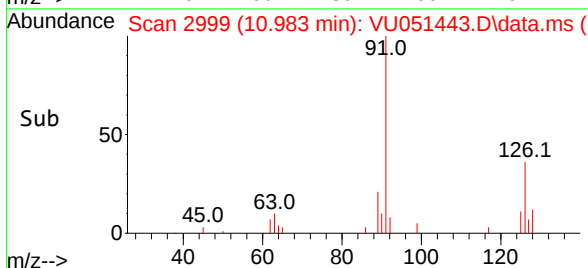
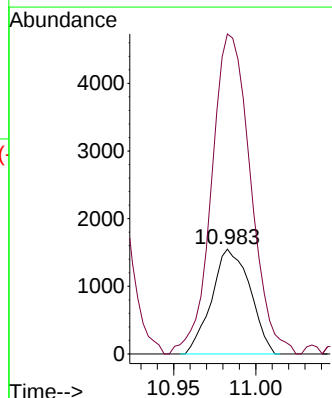
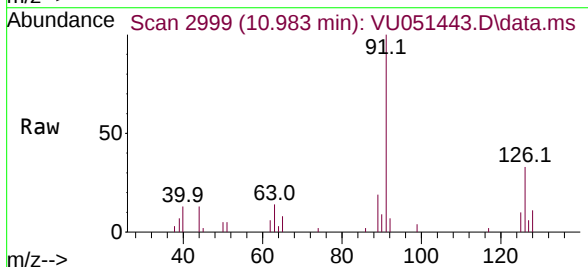
Acq: 18 Oct 2022 15:49

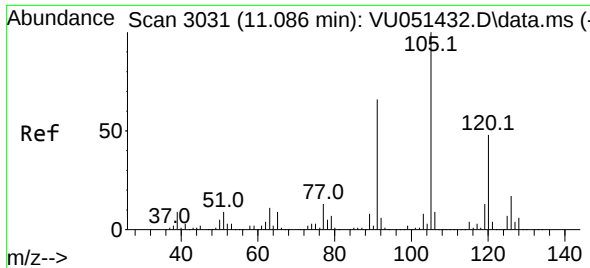
Tgt Ion:126 Resp: 2518

Ion Ratio Lower Upper

126 100

91 309.3 0.0 623.2

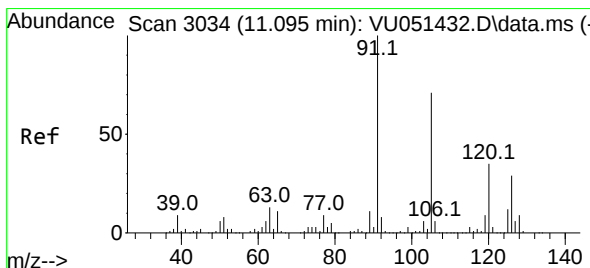
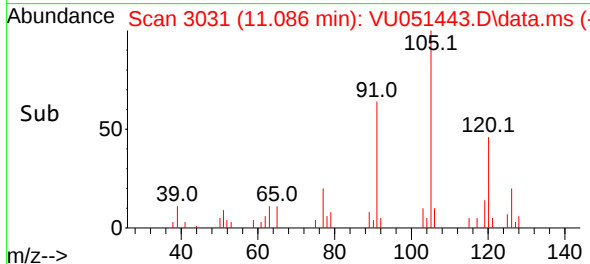
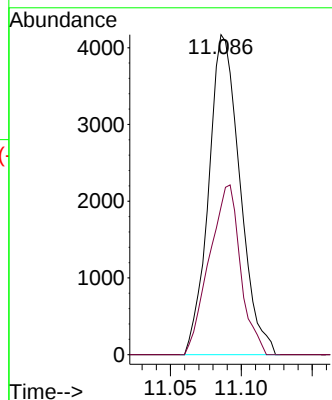
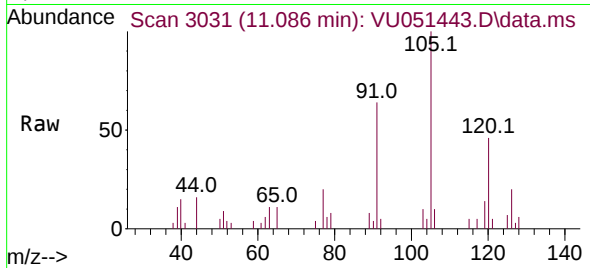




#75
1,3,5-Trimethylbenzene
Concen: 0.134 ug/l
RT: 11.086 min Scan# 3031
Delta R.T. -0.000 min
Lab File: VU051443.D
Acq: 18 Oct 2022 15:49

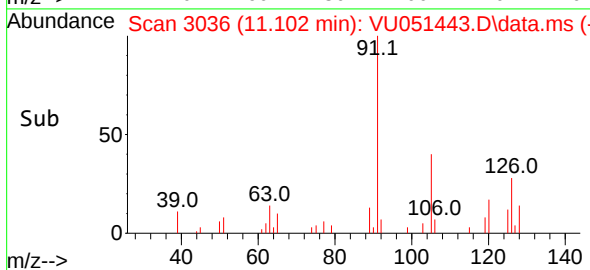
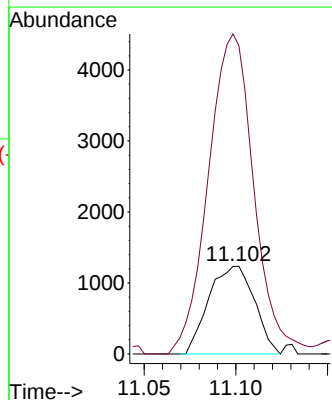
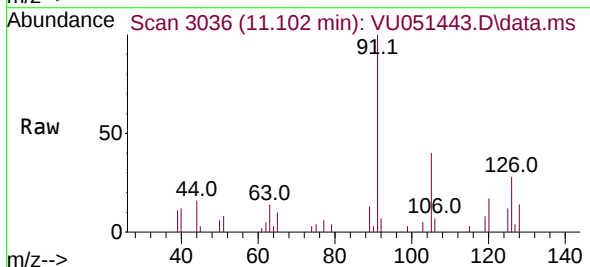
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

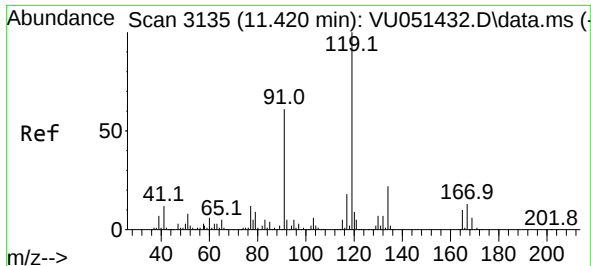
Tgt Ion:105 Resp: 6402
Ion Ratio Lower Upper
105 100
120 52.8 38.2 57.4



#76
4-Chlorotoluene
Concen: 0.149 ug/l
RT: 11.102 min Scan# 3036
Delta R.T. 0.007 min
Lab File: VU051443.D
Acq: 18 Oct 2022 15:49

Tgt Ion:126 Resp: 2137
Ion Ratio Lower Upper
126 100
91 364.1 0.0 717.6

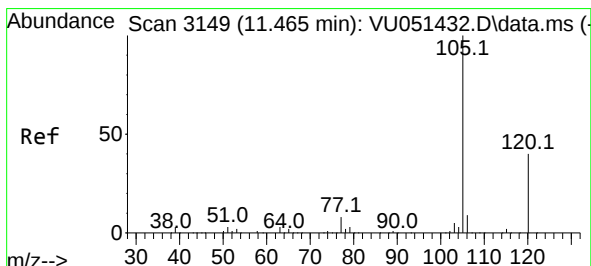
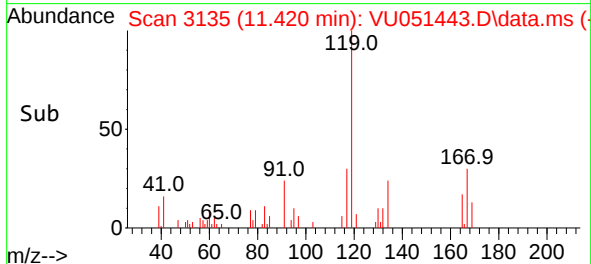
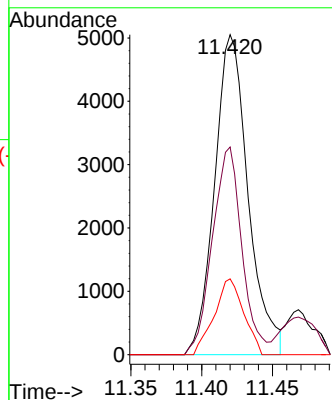
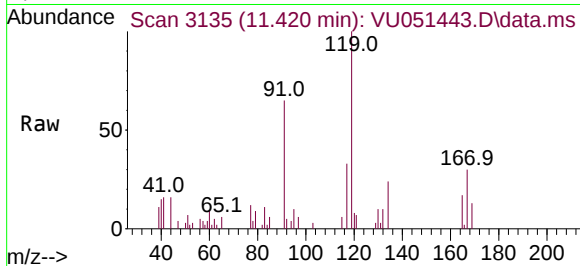




#77
tert-Butylbenzene
Concen: 0.179 ug/l
RT: 11.420 min Scan# 3135
Delta R.T. -0.000 min
Lab File: VU051443.D
Acq: 18 Oct 2022 15:49

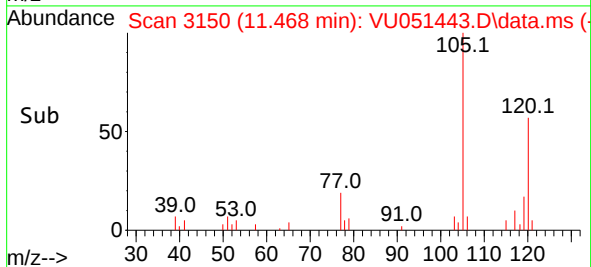
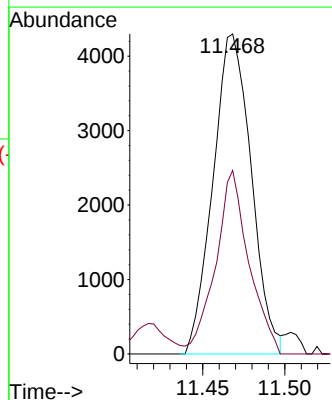
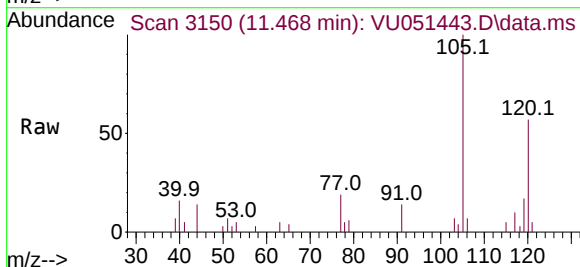
Instrument : MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

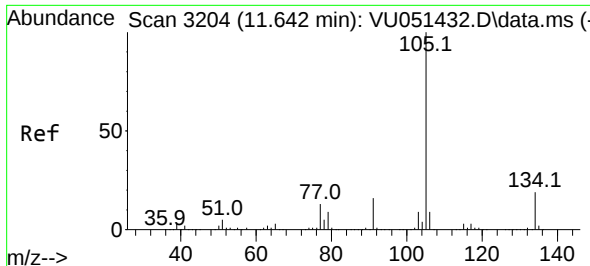
Tgt Ion:	119	Resp:	8324
Ion Ratio	Lower	Upper	
119	100		
91	56.9	29.8	89.5
134	20.8	17.9	26.9



#78
1,2,4-Trimethylbenzene
Concen: 0.140 ug/l
RT: 11.468 min Scan# 3150
Delta R.T. 0.003 min
Lab File: VU051443.D
Acq: 18 Oct 2022 15:49

Tgt Ion:	105	Resp:	6966
Ion Ratio	Lower	Upper	
105	100		
120	49.7	22.1	66.3

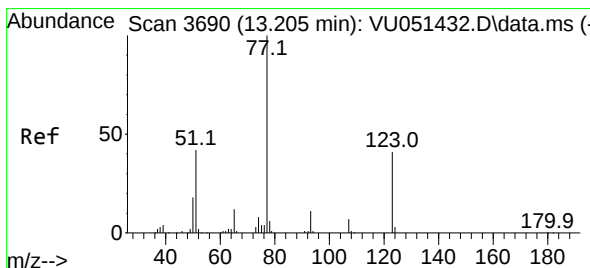
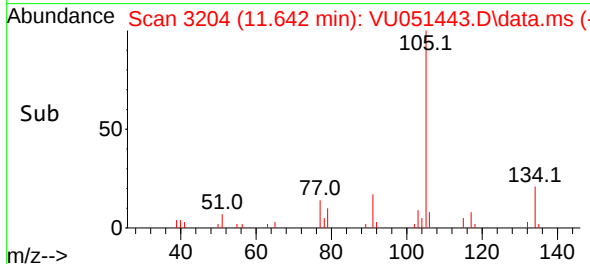
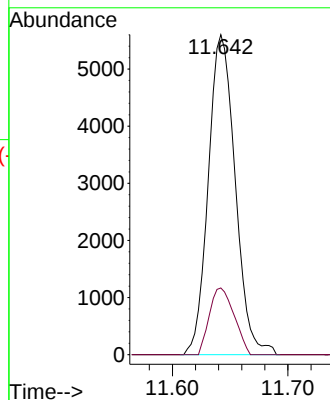
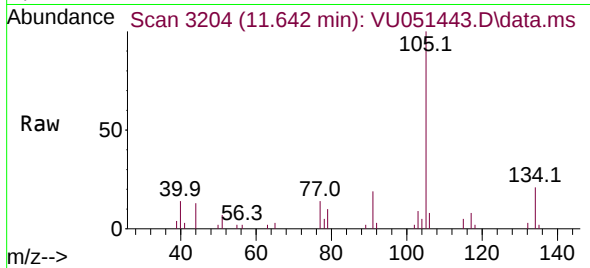




#79
 sec-Butylbenzene
 Concen: 0.147 ug/l
 RT: 11.642 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU051443.D
 Acq: 18 Oct 2022 15:49

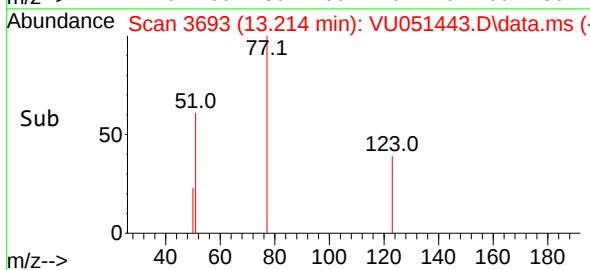
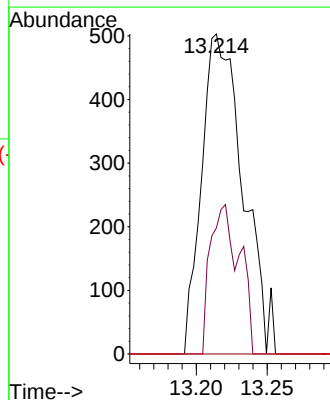
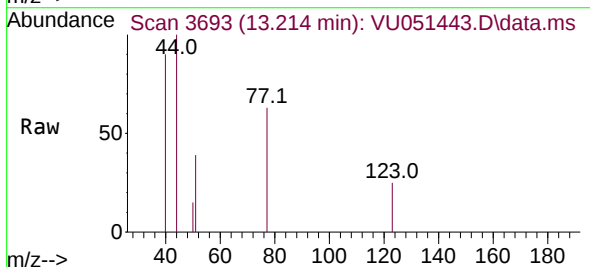
Instrument :
 MSVOA_U
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2022

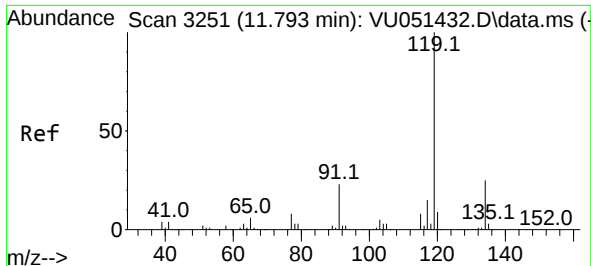
Tgt Ion:105 Resp: 9073
 Ion Ratio Lower Upper
 105 100
 134 19.1 15.2 22.8



#80
 Nitrobenzene
 Concen: 1.246 ug/l
 RT: 13.214 min Scan# 3693
 Delta R.T. 0.010 min
 Lab File: VU051443.D
 Acq: 18 Oct 2022 15:49

Tgt Ion: 77 Resp: 1023
 Ion Ratio Lower Upper
 77 100
 123 24.5 17.5 62.1
 65 0.0 11.1 14.1#

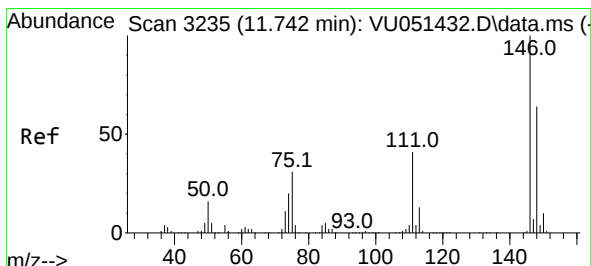
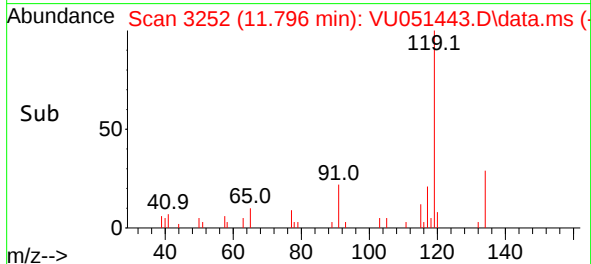
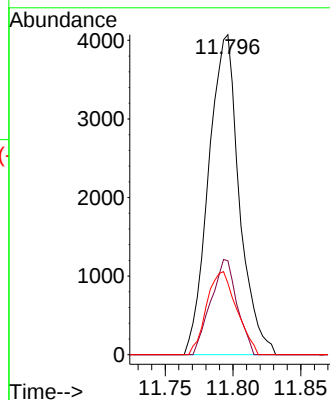
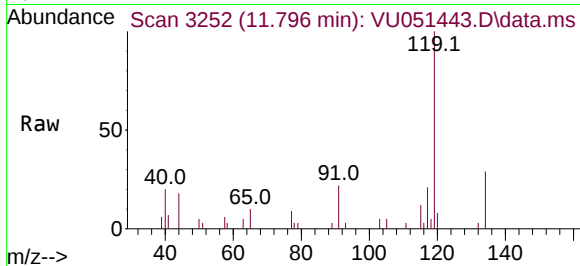




#81
p-Isopropyltoluene
Concen: 0.130 ug/l
RT: 11.796 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU051443.D
Acq: 18 Oct 2022 15:49

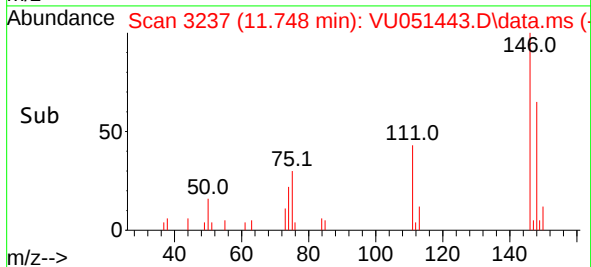
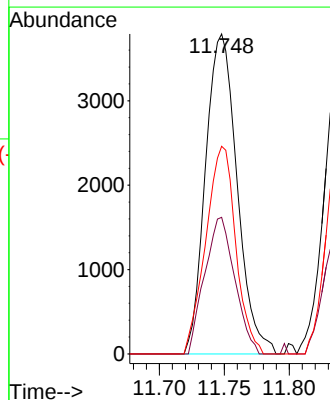
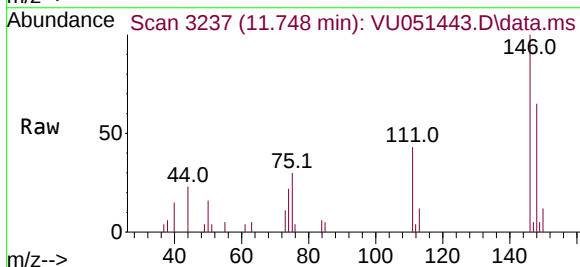
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

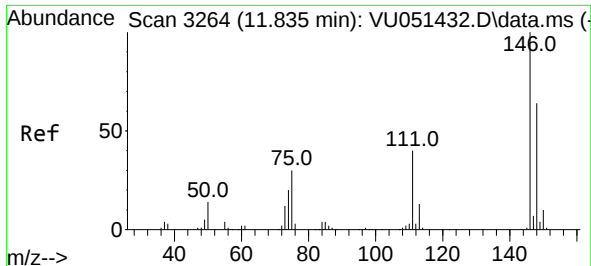
Tgt Ion:119 Resp: 6412
Ion Ratio Lower Upper
119 100
134 25.3 20.3 30.5
91 25.4 18.6 27.8



#82
1,3-Dichlorobenzene
Concen: 0.206 ug/l
RT: 11.748 min Scan# 3237
Delta R.T. 0.006 min
Lab File: VU051443.D
Acq: 18 Oct 2022 15:49

Tgt Ion:146 Resp: 6404
Ion Ratio Lower Upper
146 100
111 40.7 33.4 50.0
148 61.6 51.0 76.6

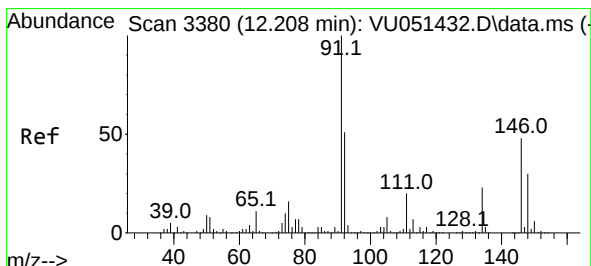
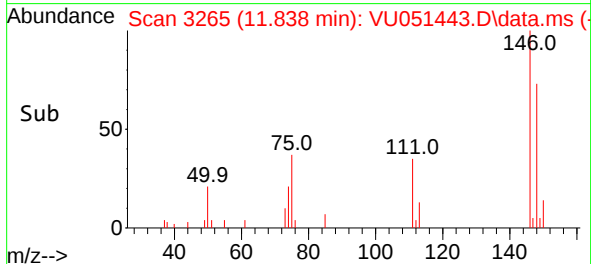
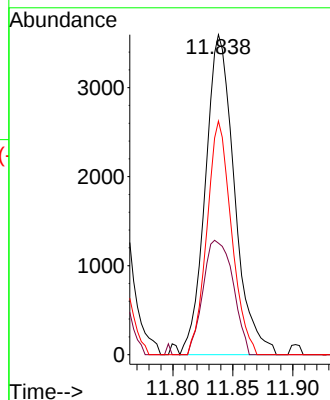
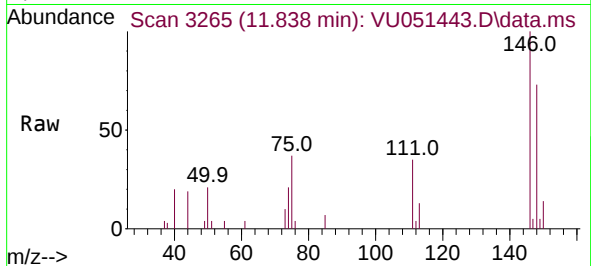




#83
1,4-Dichlorobenzene
Concen: 0.199 ug/l
RT: 11.838 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU051443.D
Acq: 18 Oct 2022 15:49

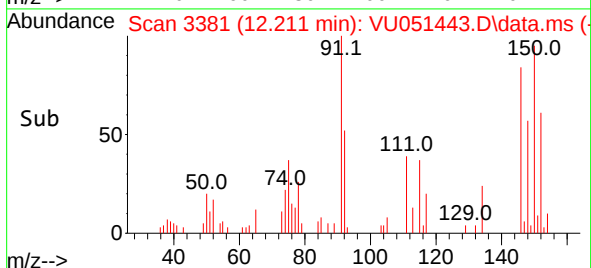
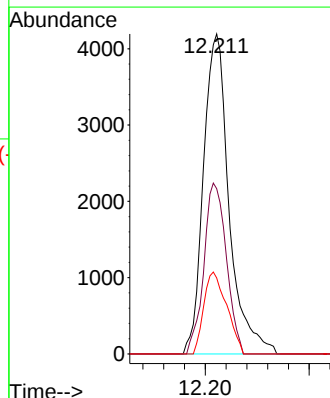
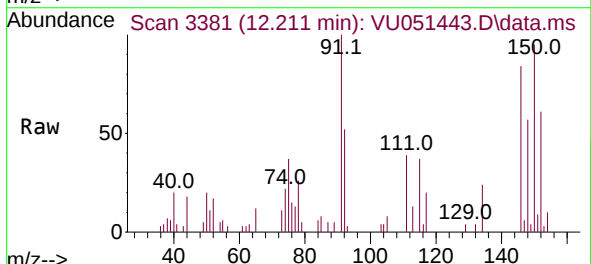
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

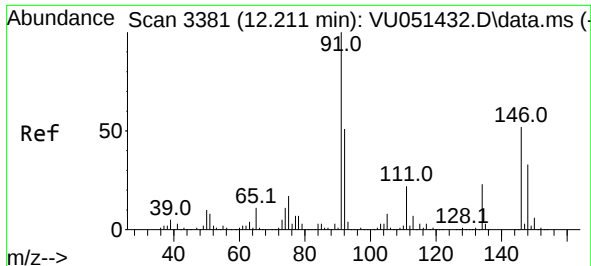
Tgt Ion:146 Resp: 6054
Ion Ratio Lower Upper
146 100
111 36.8 31.6 47.4
148 61.7 50.5 75.7



#84
n-Butylbenzene
Concen: 0.147 ug/l
RT: 12.211 min Scan# 3381
Delta R.T. 0.003 min
Lab File: VU051443.D
Acq: 18 Oct 2022 15:49

Tgt Ion: 91 Resp: 7183
Ion Ratio Lower Upper
91 100
92 46.8 40.6 61.0
134 22.8 18.3 27.5

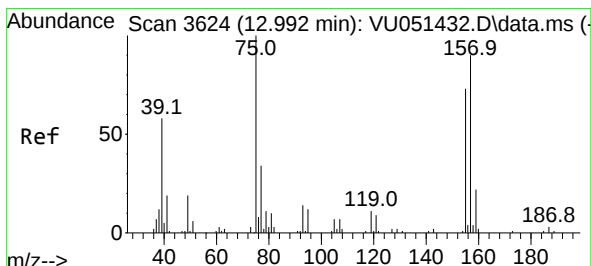
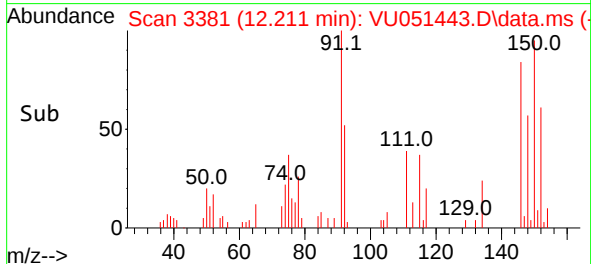
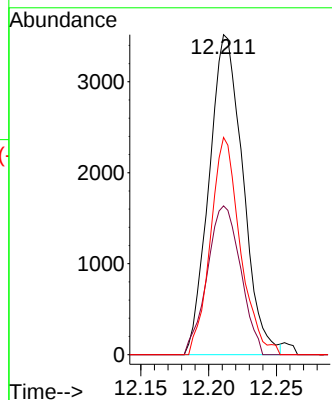
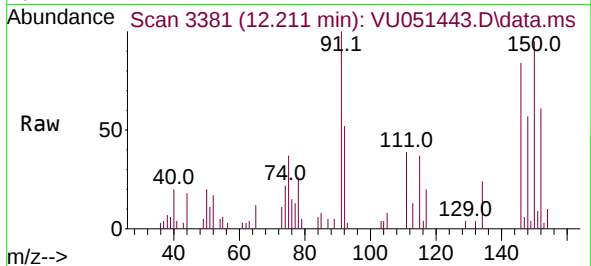




#85
1,2-Dichlorobenzene
Concen: 0.200 ug/l
RT: 12.211 min Scan# 3381
Delta R.T. -0.000 min
Lab File: VU051443.D
Acq: 18 Oct 2022 15:49

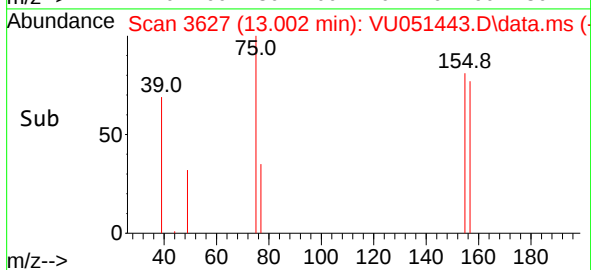
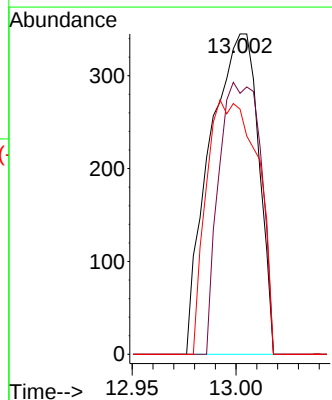
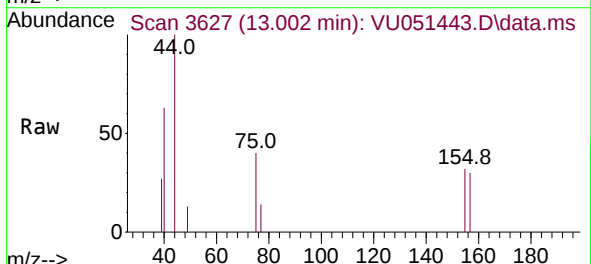
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

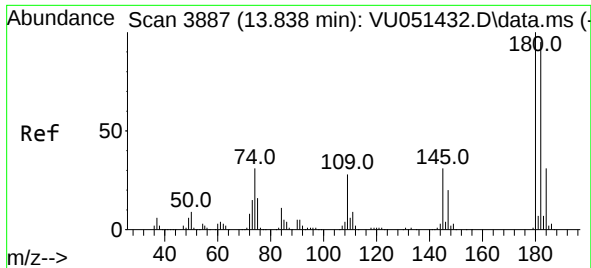
Tgt Ion:	146	Resp:	6101
Ion	Ratio	Lower	Upper
146	100		
111	45.8	21.3	63.9
148	59.7	31.8	95.4



#86
1,2-Dibromo-3-Chloropropane
Concen: 0.217 ug/l
RT: 13.002 min Scan# 3627
Delta R.T. 0.010 min
Lab File: VU051443.D
Acq: 18 Oct 2022 15:49

Tgt Ion:	75	Resp:	562
Ion	Ratio	Lower	Upper
75	100		
155	72.8	58.5	87.7
157	83.3	75.3	112.9

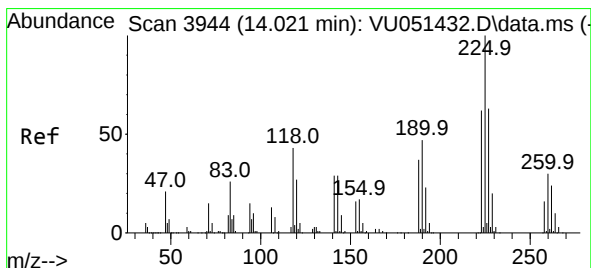
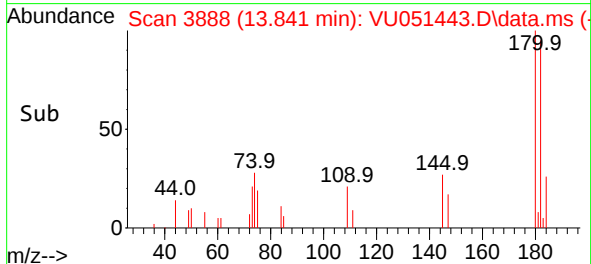
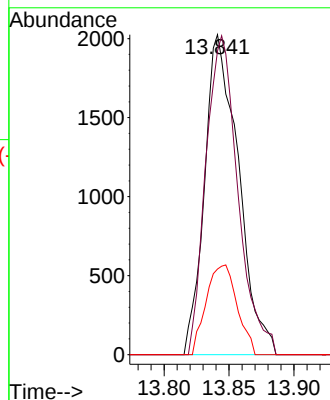
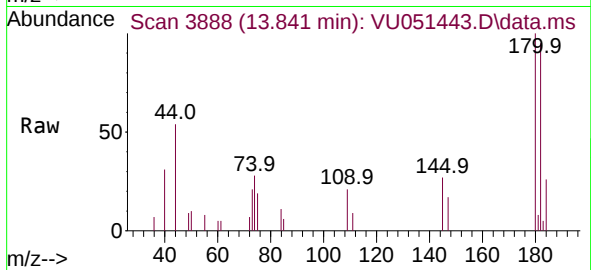




#87
 1,2,4-Trichlorobenzene
 Concen: 0.222 ug/l
 RT: 13.841 min Scan# 3888
 Delta R.T. 0.003 min
 Lab File: VU051443.D
 Acq: 18 Oct 2022 15:49

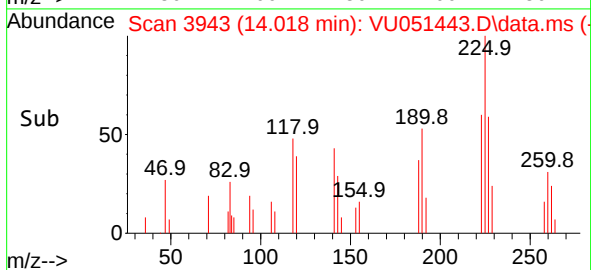
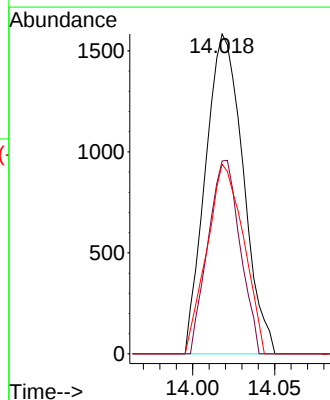
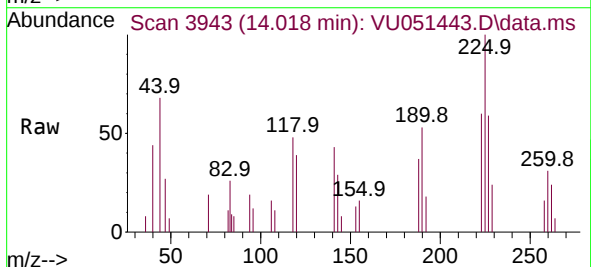
Instrument :
 MSVOA_U
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2022

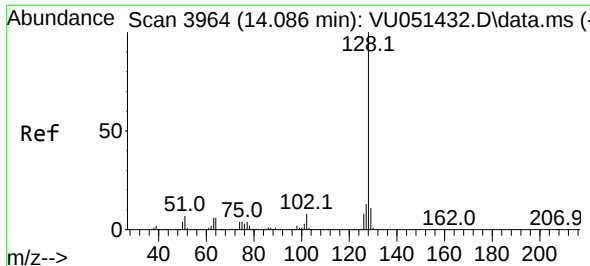
Tgt Ion:180 Resp: 3670
 Ion Ratio Lower Upper
 180 100
 182 94.3 75.9 113.9
 145 25.5 24.9 37.3



#88
 Hexachlorobutadiene
 Concen: 0.234 ug/l
 RT: 14.018 min Scan# 3943
 Delta R.T. -0.003 min
 Lab File: VU051443.D
 Acq: 18 Oct 2022 15:49

Tgt Ion:225 Resp: 2525
 Ion Ratio Lower Upper
 225 100
 223 51.6 50.1 75.1
 227 57.6 51.4 77.2

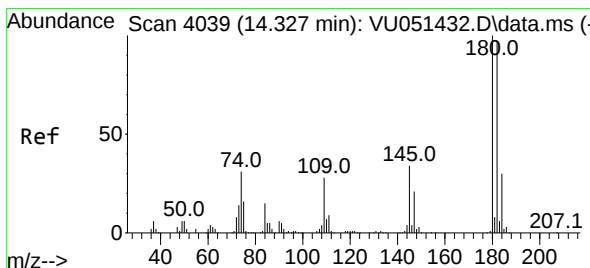
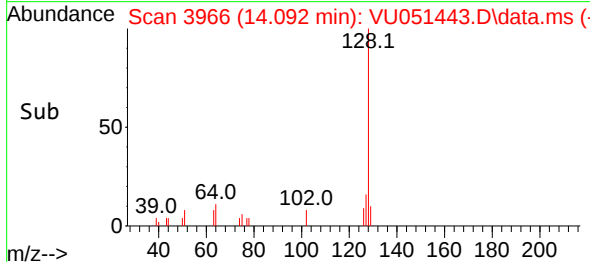
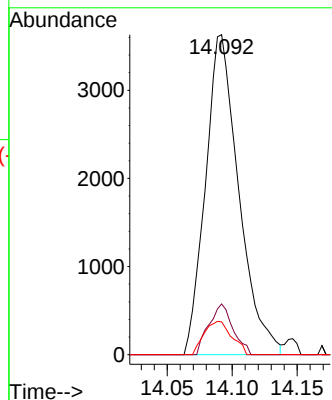
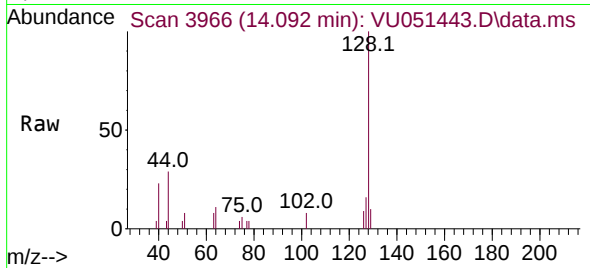




#89
Naphthalene
Concen: 0.187 ug/l
RT: 14.092 min Scan# 3966
Delta R.T. 0.006 min
Lab File: VU051443.D
Acq: 18 Oct 2022 15:49

Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

Tgt Ion:	128	Resp:	6472
Ion Ratio	Lower	Upper	
128	100		
127	11.4	10.7	16.1
129	8.6	8.4	12.6



#90
1,2,3-Trichlorobenzene
Concen: 0.188 ug/l
RT: 14.333 min Scan# 4041
Delta R.T. 0.006 min
Lab File: VU051443.D
Acq: 18 Oct 2022 15:49

Tgt Ion:	180	Resp:	3400
Ion Ratio	Lower	Upper	
180	100		
182	92.8	75.8	113.6
145	25.0	26.6	39.8

