

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082222\
 Data File : VU050402.D
 Acq On : 22 Aug 2022 17:34
 Operator : SY/MD
 Sample : N3980-07 0.25ppb
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2022

Quant Time: Aug 23 09:08:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U081922DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Aug 23 09:08:23 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.115	96	31926	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.636	95	8343	0.768	ug/l	0.00
Spiked Amount 1.000			Recovery	=	77.000%	
68) 1,2-Dichlorobenzene-d4	12.195	152	11294	0.879	ug/l	0.00
Spiked Amount 1.000			Recovery	=	88.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	3195	0.242	ug/l	96
3) Chloromethane	1.524	50	5513	0.343	ug/l	91
4) Vinyl Chloride	1.604	62	3673	0.267	ug/l	96
5) Bromomethane	1.858	94	1131	0.201	ug/l	91
6) Chloroethane	1.935	64	2515	0.303	ug/l	98
7) Trichlorofluoromethane	2.141	101	4391	0.256	ug/l	96
8) 1,1,2-Trichloro-1,2,2-...	2.582	101	2417	0.252	ug/l	97
9) 1,1-Dichloroethene	2.582	96	2538	0.270	ug/l	99
10) Iodomethane	2.723	142	581	0.075	ug/l	# 67
11) Allyl Chloride	2.926	41	4313	0.298	ug/l	99
12) Acrylonitrile	3.327	53	1247	0.442	ug/l	94
13) Acetone	2.633	43	3059	1.551	ug/l	89
14) Carbon Disulfide	2.791	76	8550	0.294	ug/l	97
15) Methylene Chloride	3.045	84	5745	0.452	ug/l	96
16) trans-1,2-Dichloroethene	3.350	96	2650	0.273	ug/l	98
17) 1,1-Dichloroethane	3.868	63	5994	0.296	ug/l	# 94
18) 2-Butanone	4.736	43	2897	0.934	ug/l	75
19) Cyclohexane	5.379	56	2449	0.167	ug/l	93
20) Methylcyclohexane	6.755	83	1862	0.161	ug/l	97
21) 2,2-Dichloropropane	4.659	77	3834	0.249	ug/l	# 85
22) cis-1,2-Dichloroethene	4.665	96	2733	0.249	ug/l	95
23) Diethyl Ether	2.379	59	2118	0.262	ug/l	# 78
24) tert-Butyl Alcohol	3.189	59	4237	4.959	ug/l	# 24
25) Methyl tert-Butyl Ether	3.372	73	7312	0.293	ug/l	93
26) Bromochloromethane	4.970	128	1367	0.310	ug/l	97
27) Chloroform	5.086	83	5640	0.288	ug/l	86
28) 1,1,1-Trichloroethane	5.315	97	4005	0.239	ug/l	96
29) 1,1-Dichloropropene	5.524	75	2702	0.202	ug/l	93
30) Carbon Tetrachloride	5.524	117	3338	0.249	ug/l	94
31) Isopropyl Ether	4.003	45	11977	0.381	ug/l	91
32) Ethyl-t-butyl ether	4.517	59	4376	0.177	ug/l	89
33) Tert-Amyl methyl ether	5.951	73	2849	0.177	ug/l	95
34) Propionitrile	4.781	54	41	0.045	ug/l	# 37
35) Benzene	5.774	78	9266	0.235	ug/l	94
36) 1,2-Dichloroethane	5.800	62	3322	0.276	ug/l	# 94
37) Trichloroethene	6.543	130	2344	0.248	ug/l	80
38) 1,2-Dichloropropane	6.800	63	2761	0.261	ug/l	# 84
39) Methacrylonitrile	4.999	41	699	0.186	ug/l	# 55
40) Methyl acrylate	4.868	55	589	0.103	ug/l	# 68
41) Tetrahydrofuran	5.083	42	628	0.334	ug/l	# 66
42) 1-Chlorobutane	5.462	56	3424	0.179	ug/l	95
43) Dibromomethane	6.922	93	1373	0.241	ug/l	96
44) Bromodichloromethane	7.109	83	3816	0.284	ug/l	# 99

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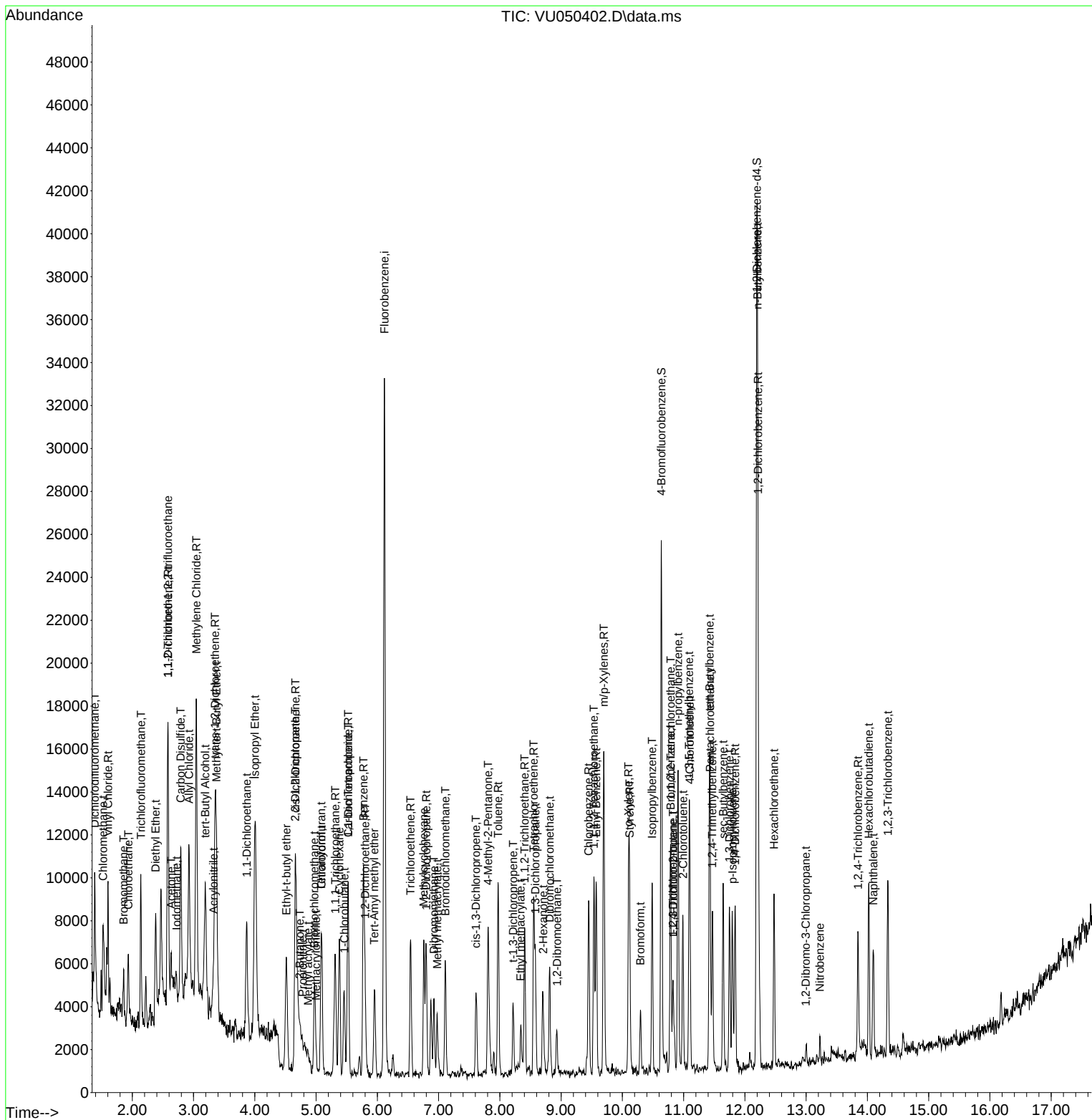
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U081922DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Aug 23 09:08:23 2022
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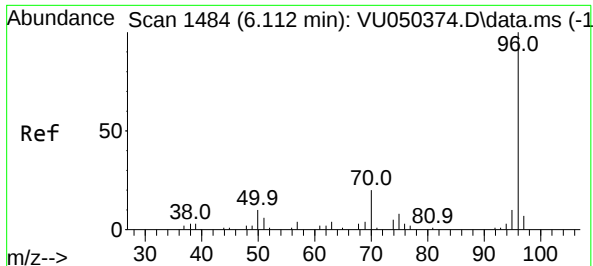
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.806	43	6475	1.131	ug/l #	89
46) t-1,4-Dichloro-2-butene	10.829	75	2790	0.966	ug/l #	30
47) Methyl methacrylate	6.977	69	1441	0.338	ug/l #	91
48) Ethyl methacrylate	8.340	69	1466	0.188	ug/l	92
49) Toluene	7.970	92	3909	0.185	ug/l	87
50) t-1,3-Dichloropropene	8.218	75	2310	0.220	ug/l	93
51) cis-1,3-Dichloropropene	7.610	75	2926	0.244	ug/l	94
52) 1,1,2-Trichloroethane	8.404	97	2078	0.248	ug/l	96
53) 1,3-Dichloropropane	8.581	76	3254	0.247	ug/l	92
54) 2-Hexanone	8.707	43	3765	0.944	ug/l	78
55) Dibromochloromethane	8.813	129	2504	0.272	ug/l	98
56) 1,2-Dibromoethane	8.932	107	1632	0.217	ug/l	86
58) Tetrachloroethene	8.552	164	1761	0.198	ug/l	94
59) Chlorobenzene	9.449	112	4878	0.213	ug/l	92
60) 1,1,1,2-Tetrachloroethane	9.533	131	2548	0.265	ug/l	98
61) Pentachloroethane	11.433	117	1855	0.232	ug/l	100
62) Hexachloroethane	12.475	117	1770	0.266	ug/l	92
63) Ethyl Benzene	9.572	91	6746	0.185	ug/l	92
64) m/p-Xylenes	9.697	106	4995	0.352	ug/l	85
65) o-Xylene	10.099	106	2454	0.182	ug/l	97
66) Styrene	10.118	104	3442	0.150	ug/l #	90
67) Bromoform	10.295	173	1299	0.248	ug/l #	86
69) Isopropylbenzene	10.485	105	6150	0.175	ug/l	95
70) 1,1,2,2-Tetrachloroethane	10.787	83	3007	0.261	ug/l #	98
71) 1,2,3-Trichloropropane	10.829	75	2790	0.322	ug/l	65
72) Bromobenzene	10.790	156	2066	0.209	ug/l	88
73) n-propylbenzene	10.909	120	2534	0.265	ug/l	95
74) 2-Chlorotoluene	10.990	126	1550	0.167	ug/l	94
75) 1,3,5-Trimethylbenzene	11.089	105	4770	0.154	ug/l	97
76) 4-Chlorotoluene	11.099	126	1463	0.154	ug/l	77
77) tert-Butylbenzene	11.424	119	5434	0.178	ug/l	95
78) 1,2,4-Trimethylbenzene	11.469	105	4805	0.150	ug/l	95
79) sec-Butylbenzene	11.645	105	5990	0.149	ug/l	100
80) Nitrobenzene	13.224	77	834	1.333	ug/l #	70
81) p-Isopropyltoluene	11.797	119	4040	0.126	ug/l	96
82) 1,3-Dichlorobenzene	11.748	146	3820	0.188	ug/l	95
83) 1,4-Dichlorobenzene	11.838	146	3982	0.197	ug/l	90
84) n-Butylbenzene	12.208	91	4869	0.161	ug/l #	90
85) 1,2-Dichlorobenzene	12.215	146	3916	0.196	ug/l	99
86) 1,2-Dibromo-3-Chloropr...	12.993	75	387	0.213	ug/l #	59
87) 1,2,4-Trichlorobenzene	13.848	180	2240	0.197	ug/l	89
88) Hexachlorobutadiene	14.022	225	1768	0.238	ug/l	95
89) Naphthalene	14.096	128	5238	0.209	ug/l	98
90) 1,2,3-Trichlorobenzene	14.333	180	2953	0.246	ug/l	90

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

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ClientSampleId :
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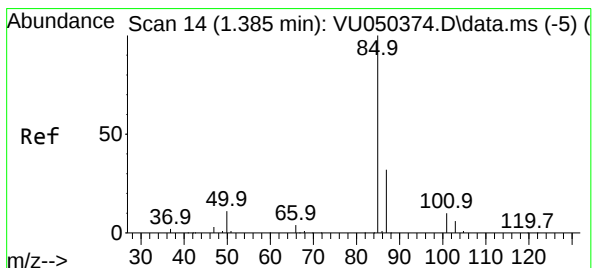
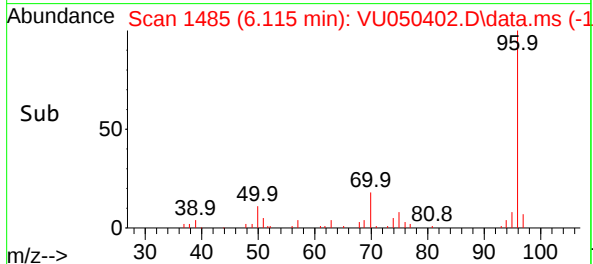
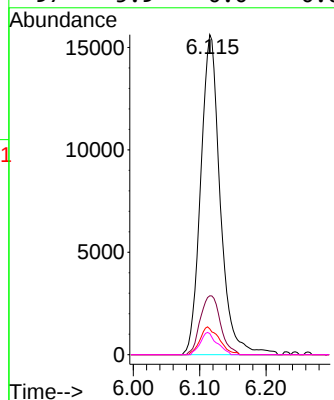
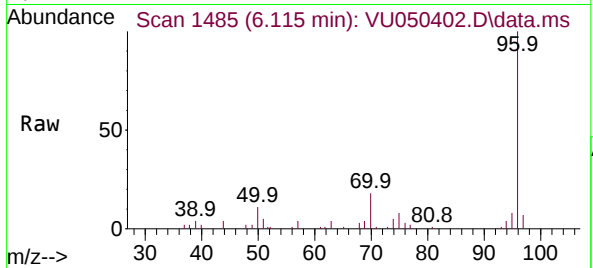




#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.115 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU050402.D
Acq: 22 Aug 2022 17:34

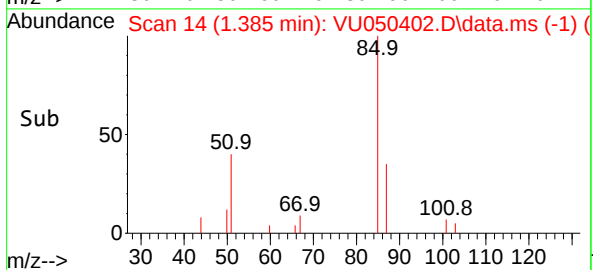
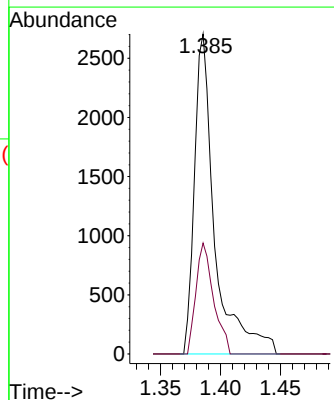
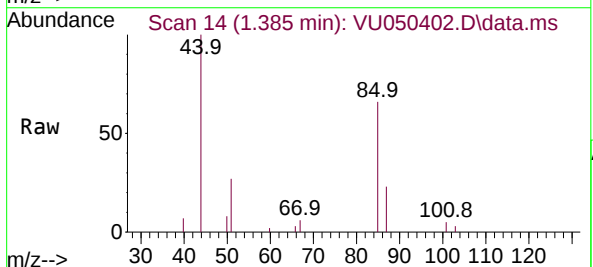
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MSVOA_U
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LOD-MDL-WATER-01-QT3-2022

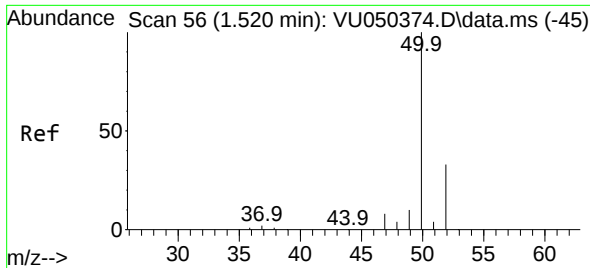
Tgt Ion: 96	Resp: 31926
Ion Ratio	Lower Upper
96 100	
70 19.1	16.7 25.1
95 8.5	7.4 11.0
97 5.9	0.0 0.0



#2
Dichlorodifluoromethane
Concen: 0.242 ug/l
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU050402.D
Acq: 22 Aug 2022 17:34

Tgt Ion: 85	Resp: 3195
Ion Ratio	Lower Upper
85 100	
87 34.7	16.3 48.8

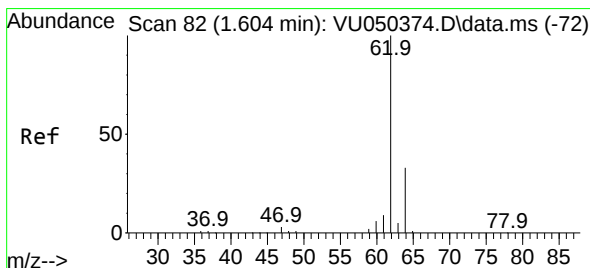
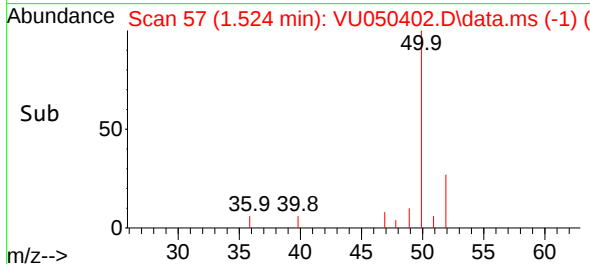
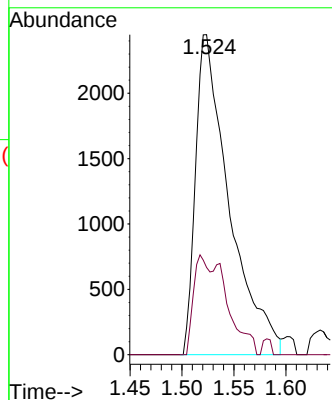
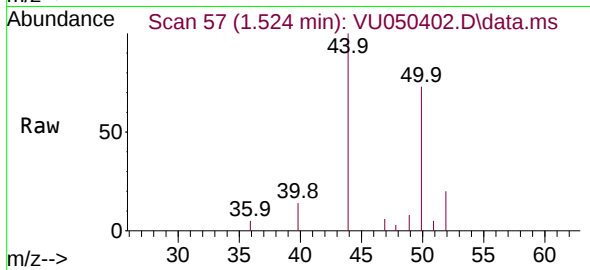




#3
Chloromethane
Concen: 0.343 ug/l
RT: 1.524 min Scan# 51
Delta R.T. 0.004 min
Lab File: VU050402.D
Acq: 22 Aug 2022 17:34

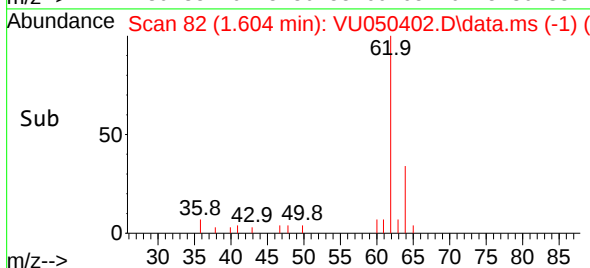
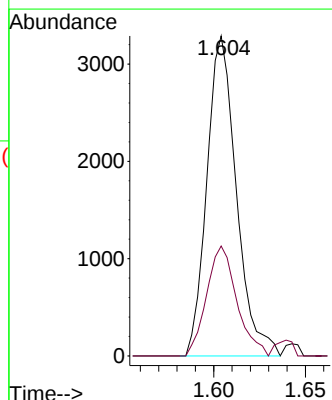
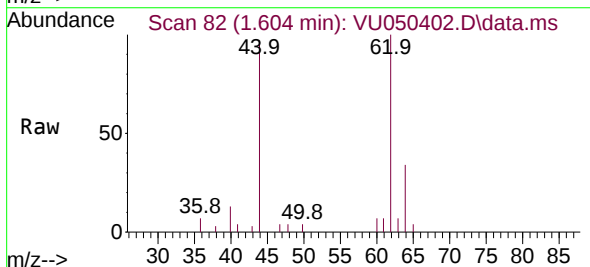
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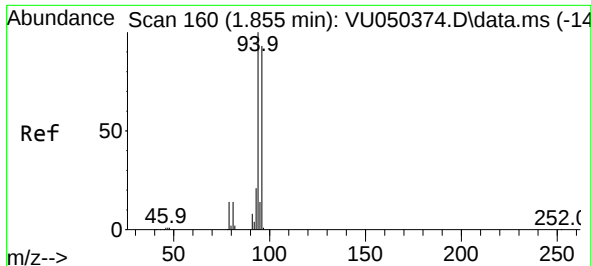
Tgt Ion: 50 Resp: 5513
Ion Ratio Lower Upper
50 100
52 27.3 26.1 39.1



#4
Vinyl Chloride
Concen: 0.267 ug/l
RT: 1.604 min Scan# 82
Delta R.T. 0.000 min
Lab File: VU050402.D
Acq: 22 Aug 2022 17:34

Tgt Ion: 62 Resp: 3673
Ion Ratio Lower Upper
62 100
64 34.4 25.5 38.3

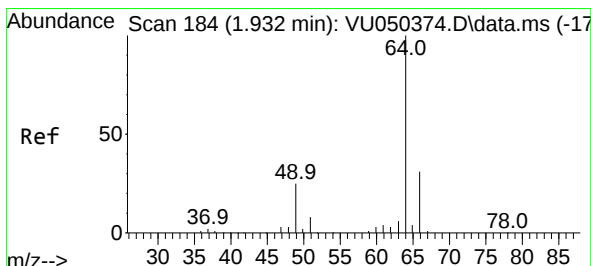
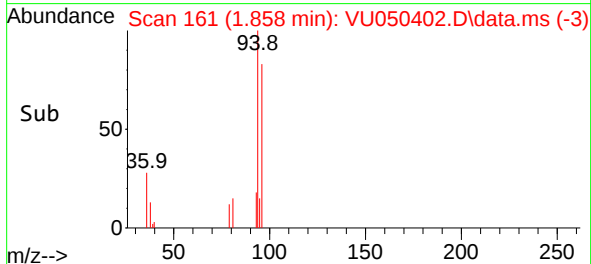
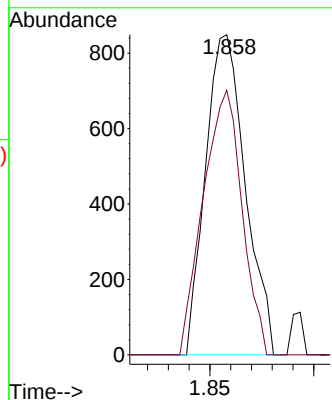
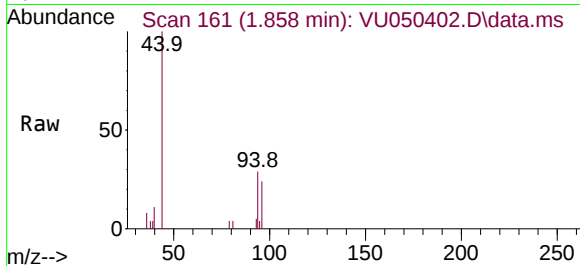




#5
Bromomethane
Concen: 0.201 ug/l
RT: 1.858 min Scan# 11
Delta R.T. 0.007 min
Lab File: VU050402.D
Acq: 22 Aug 2022 17:34

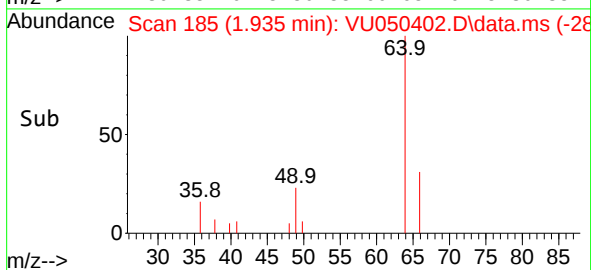
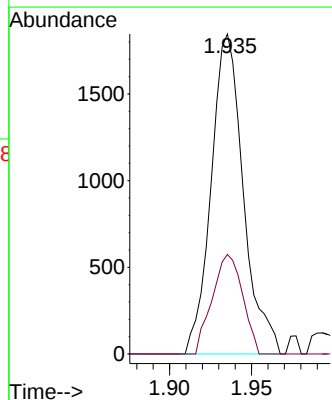
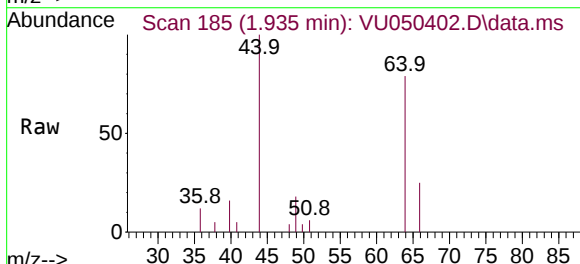
Instrument :
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ClientSampleId :
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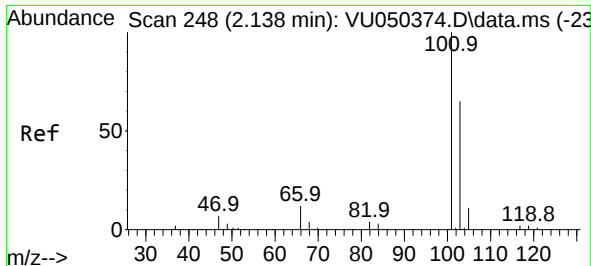
Tgt Ion: 94 Resp: 1131
Ion Ratio Lower Upper
94 100
96 82.7 73.0 109.6



#6
Chloroethane
Concen: 0.303 ug/l
RT: 1.935 min Scan# 185
Delta R.T. 0.004 min
Lab File: VU050402.D
Acq: 22 Aug 2022 17:34

Tgt Ion: 64 Resp: 2515
Ion Ratio Lower Upper
64 100
66 31.1 25.8 38.6

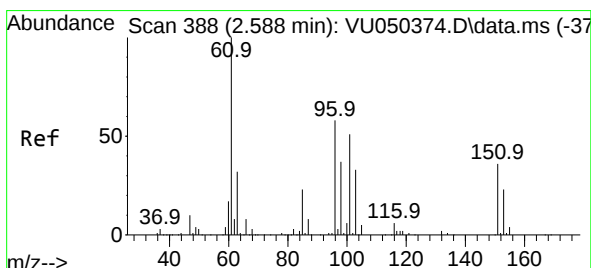
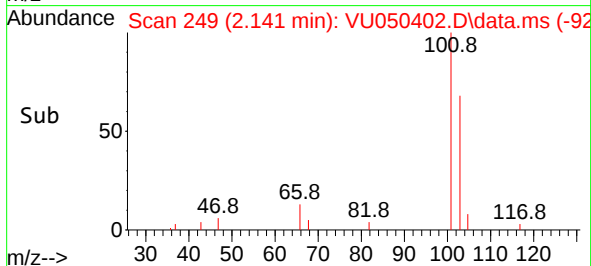
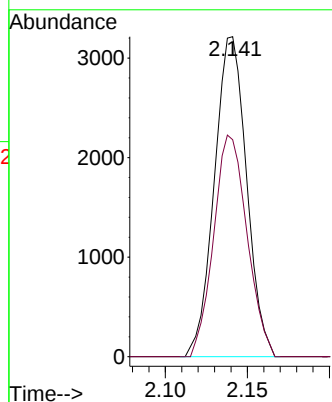
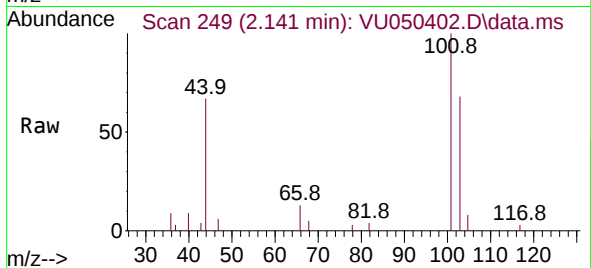




#7
 Trichlorofluoromethane
 Concen: 0.256 ug/l
 RT: 2.141 min Scan# 248
 Delta R.T. 0.004 min
 Lab File: VU050402.D
 Acq: 22 Aug 2022 17:34

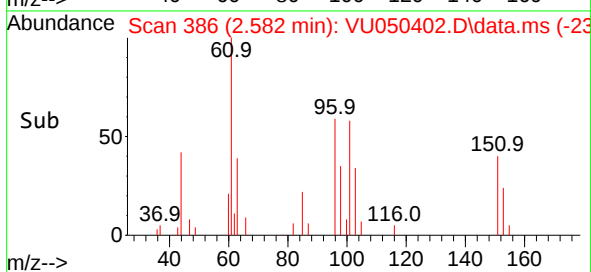
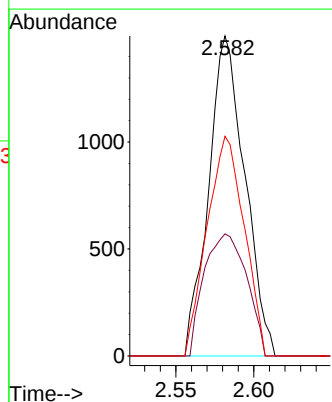
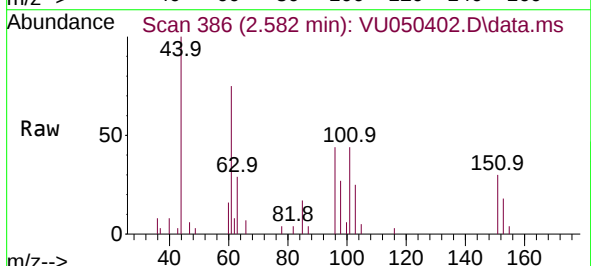
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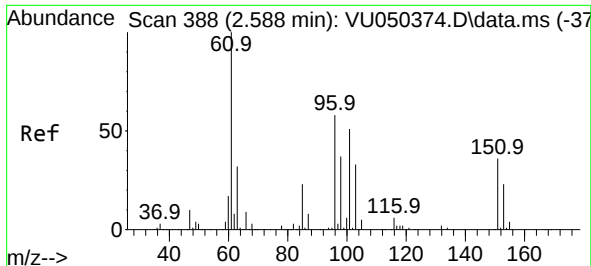
Tgt Ion:101 Resp: 4391
 Ion Ratio Lower Upper
 101 100
 103 67.8 51.8 77.6



#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.252 ug/l
 RT: 2.582 min Scan# 386
 Delta R.T. 0.000 min
 Lab File: VU050402.D
 Acq: 22 Aug 2022 17:34

Tgt Ion:101 Resp: 2417
 Ion Ratio Lower Upper
 101 100
 85 44.6 36.4 54.6
 151 70.3 59.1 88.7

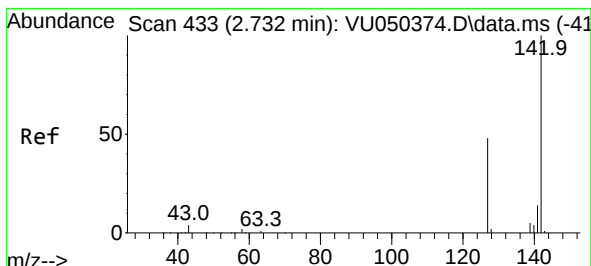
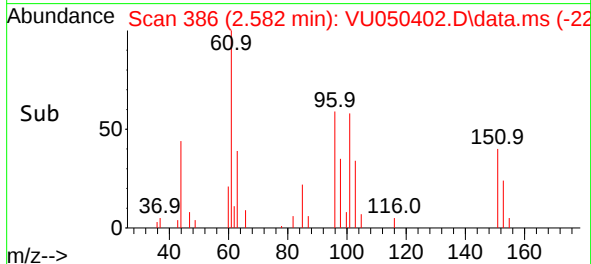
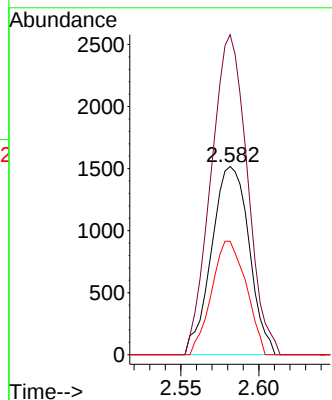
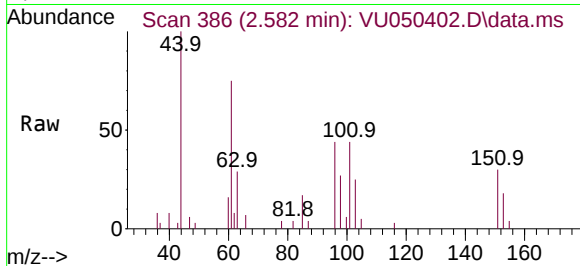




#9
1,1-Dichloroethene
Concen: 0.270 ug/l
RT: 2.582 min Scan# 388
Delta R.T. 0.004 min
Lab File: VU050402.D
Acq: 22 Aug 2022 17:34

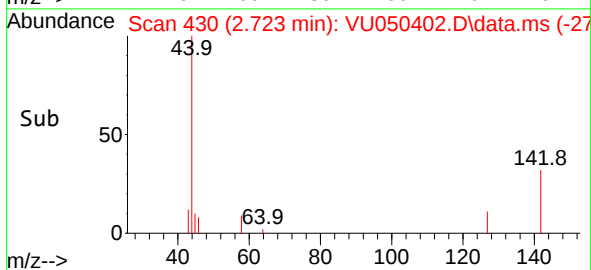
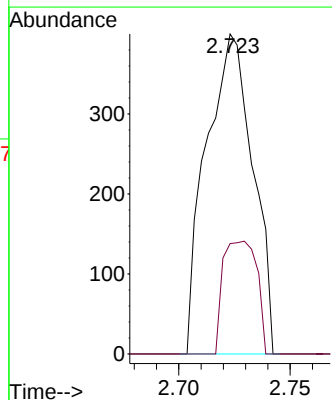
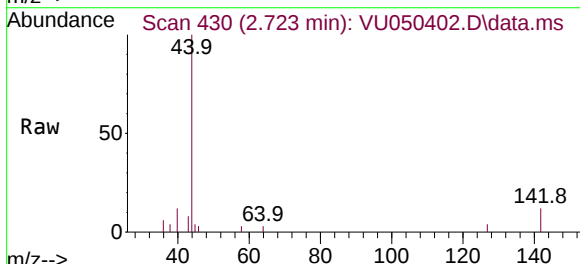
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ClientSampleId : LOD-MDL-WATER-01-QT3-2022

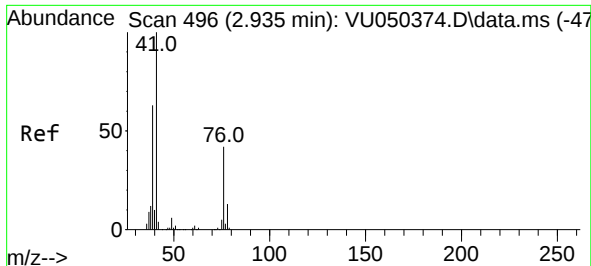
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Ion Ratio Lower Upper
96 100
61 170.1 0.0 510.6
98 60.3 0.0 124.6



#10
Iodomethane
Concen: 0.075 ug/l
RT: 2.723 min Scan# 430
Delta R.T. 0.004 min
Lab File: VU050402.D
Acq: 22 Aug 2022 17:34

Tgt Ion: 142 Resp: 581
Ion Ratio Lower Upper
142 100
127 25.6 38.2 57.2#





#11

Allyl Chloride

Concen: 0.298 ug/l

RT: 2.926 min Scan# 496

Delta R.T. 0.004 min

Lab File: VU050402.D

Acq: 22 Aug 2022 17:34

Instrument :

MSVOA_U

ClientSampleId :

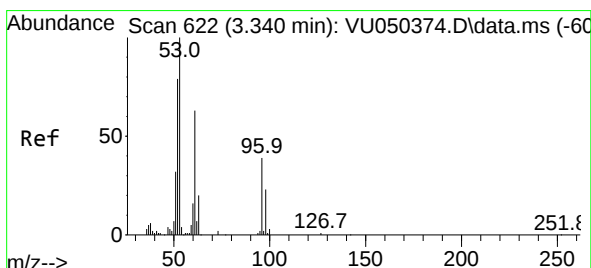
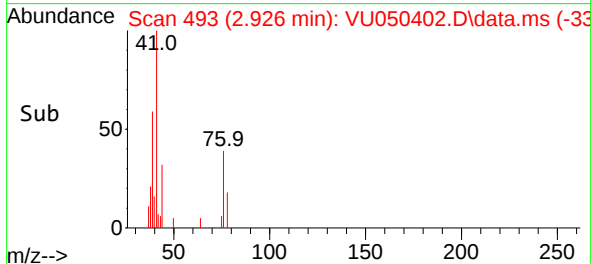
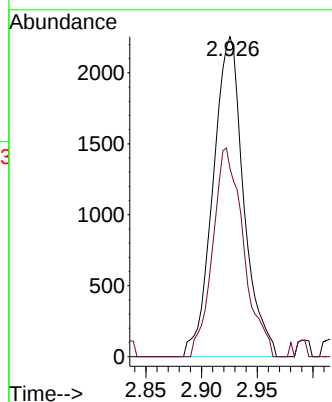
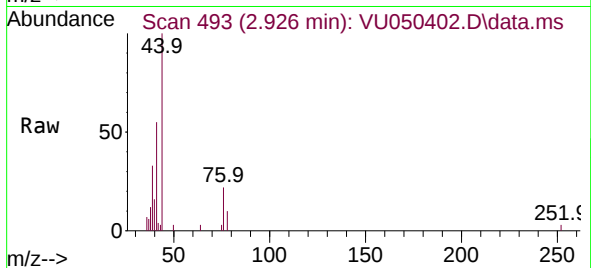
LOD-MDL-WATER-01-QT3-2022

Tgt Ion: 41 Resp: 4313

Ion Ratio Lower Upper

41 100

39 65.4 53.2 79.8



#12

Acrylonitrile

Concen: 0.442 ug/l

RT: 3.327 min Scan# 618

Delta R.T. 0.010 min

Lab File: VU050402.D

Acq: 22 Aug 2022 17:34

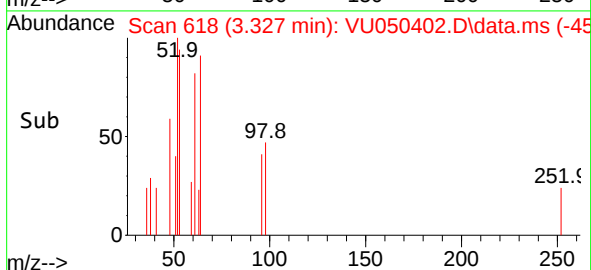
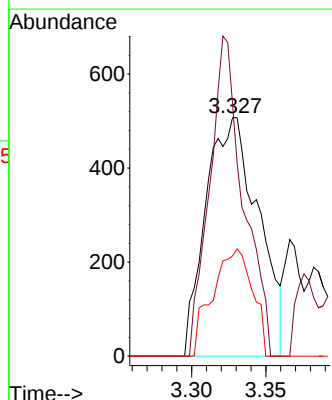
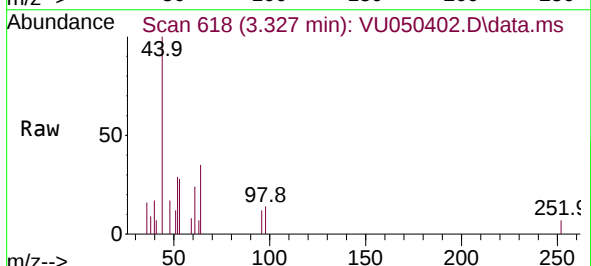
Tgt Ion: 53 Resp: 1247

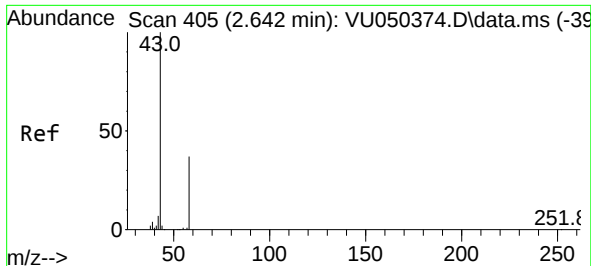
Ion Ratio Lower Upper

53 100

52 86.2 64.6 97.0

51 34.3 30.7 46.1

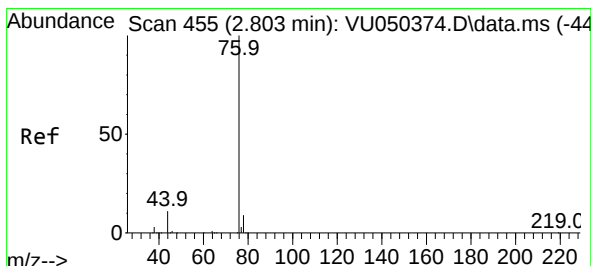
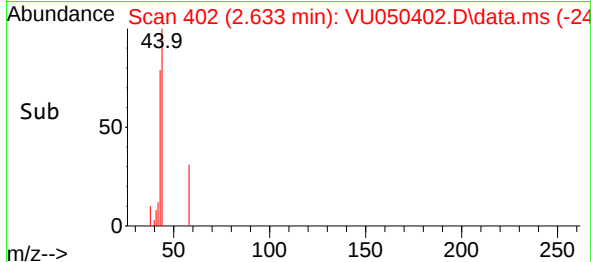
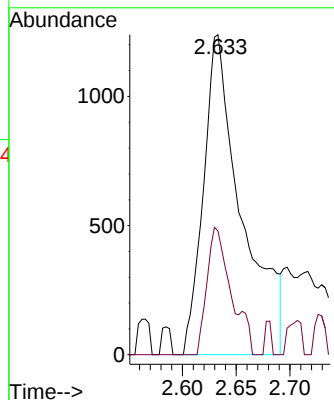
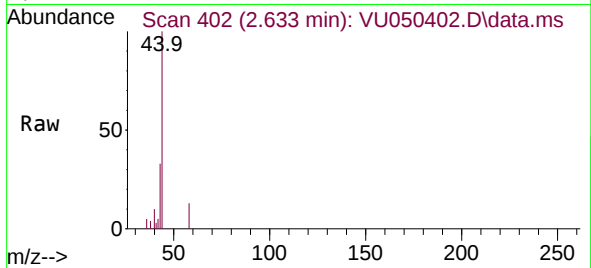




#13
Acetone
Concen: 1.551 ug/l
RT: 2.633 min Scan# 405
Delta R.T. 0.007 min
Lab File: VU050402.D
Acq: 22 Aug 2022 17:34

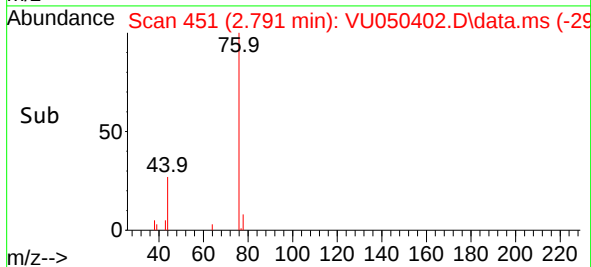
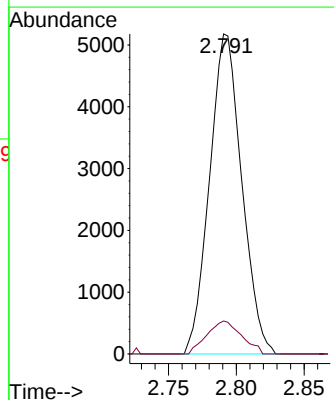
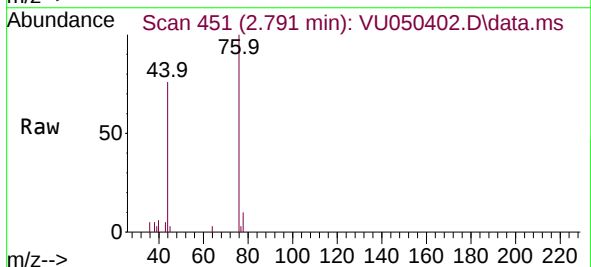
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022

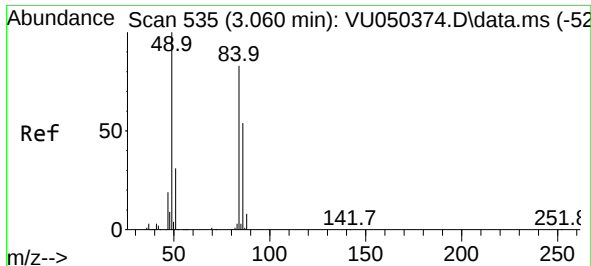
Tgt Ion: 43 Resp: 3059
Ion Ratio Lower Upper
43 100
58 38.7 26.2 39.2



#14
Carbon Disulfide
Concen: 0.294 ug/l
RT: 2.791 min Scan# 451
Delta R.T. 0.000 min
Lab File: VU050402.D
Acq: 22 Aug 2022 17:34

Tgt Ion: 76 Resp: 8550
Ion Ratio Lower Upper
76 100
78 10.3 7.4 11.0

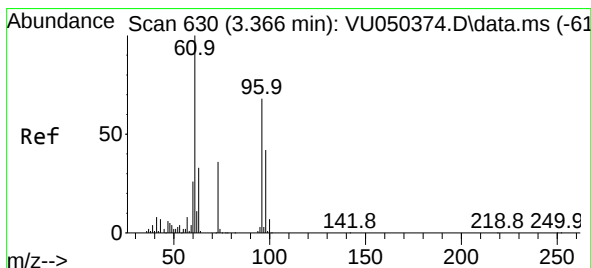
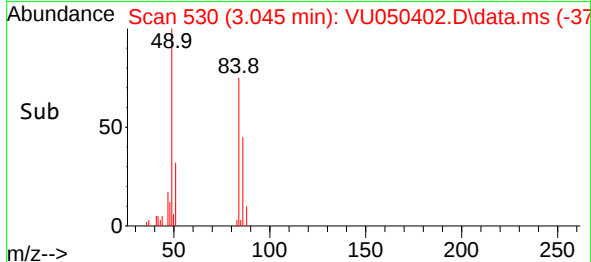
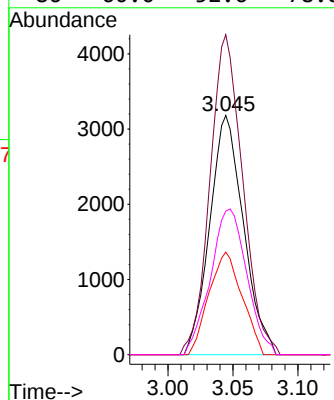
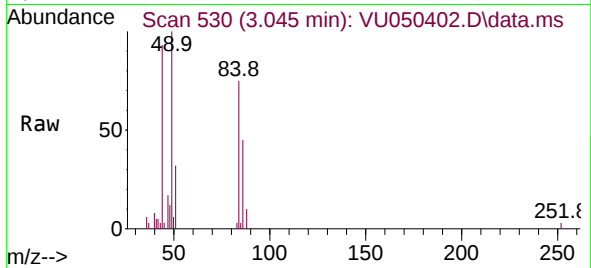




#15
Methylene Chloride
Concen: 0.452 ug/l
RT: 3.045 min Scan# 51
Delta R.T. 0.000 min
Lab File: VU050402.D
Acq: 22 Aug 2022 17:34

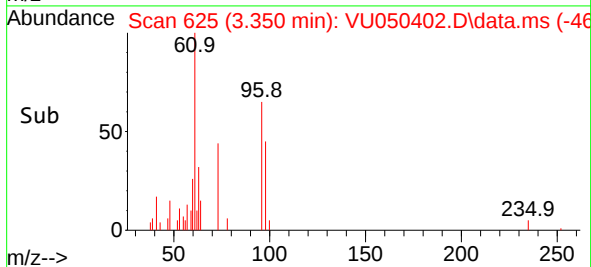
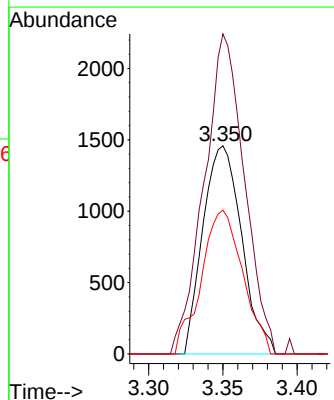
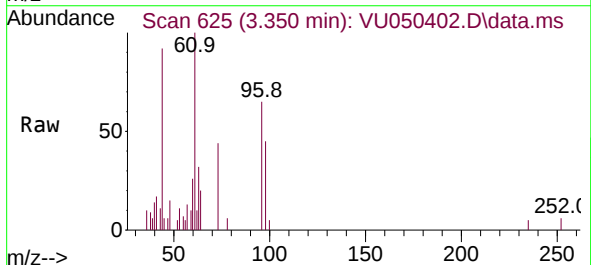
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022

Tgt Ion:	84	Resp:	5745
Ion	Ratio	Lower	Upper
84	100		
49	133.8	104.6	157.0
51	42.8	0.0	81.4
86	60.0	52.6	78.8



#16
trans-1,2-Dichloroethene
Concen: 0.273 ug/l
RT: 3.350 min Scan# 625
Delta R.T. 0.000 min
Lab File: VU050402.D
Acq: 22 Aug 2022 17:34

Tgt Ion:	96	Resp:	2650
Ion	Ratio	Lower	Upper
96	100		
61	153.7	123.4	185.0
98	69.1	51.6	77.4

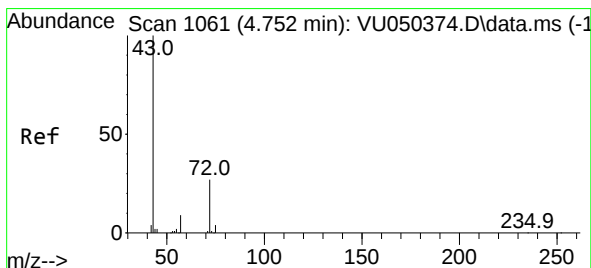
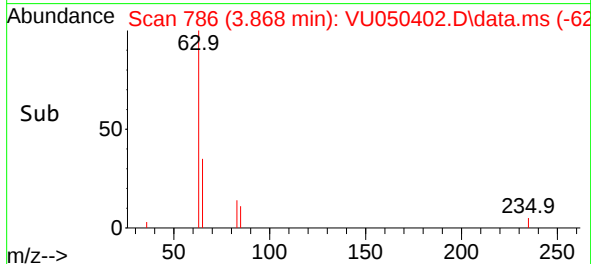
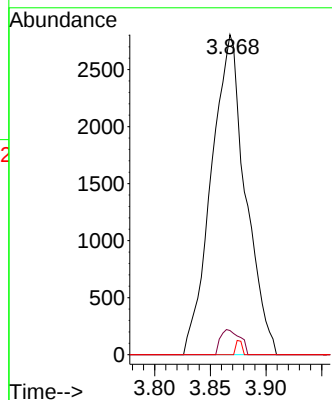
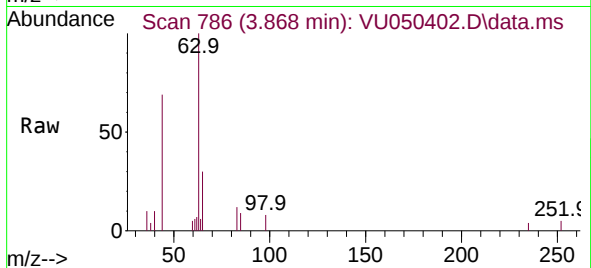




#17
1,1-Dichloroethane
Concen: 0.296 ug/l
RT: 3.868 min Scan# 791
Delta R.T. 0.004 min
Lab File: VU050402.D
Acq: 22 Aug 2022 17:34

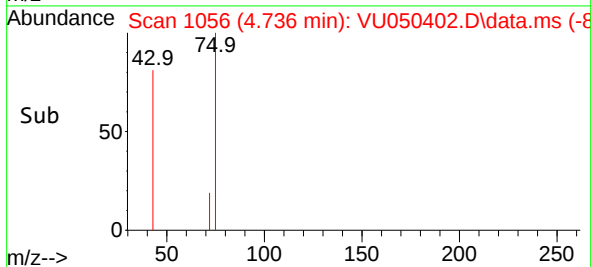
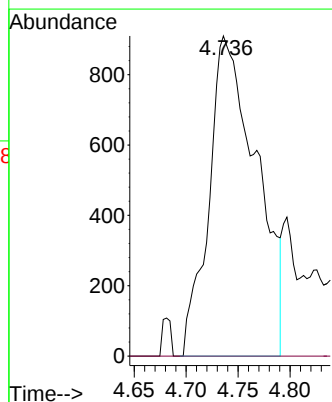
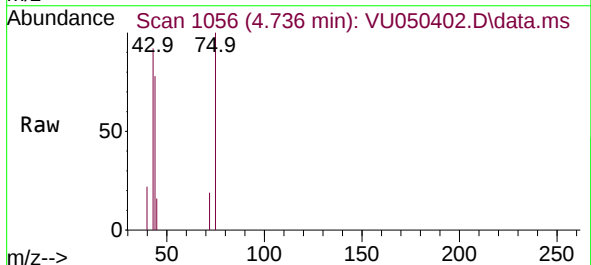
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022

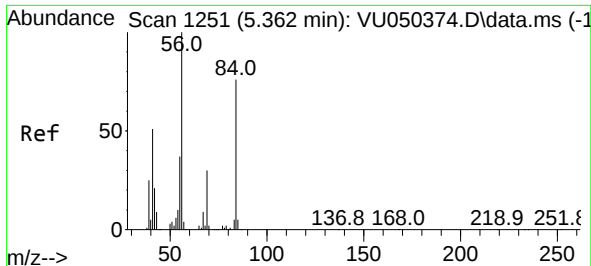
Tgt Ion: 63 Resp: 5994
Ion Ratio Lower Upper
63 100
98 7.6 3.4 10.2
100 0.0 2.0 6.0#



#18
2-Butanone
Concen: 0.934 ug/l
RT: 4.736 min Scan# 1056
Delta R.T. 0.016 min
Lab File: VU050402.D
Acq: 22 Aug 2022 17:34

Tgt Ion: 43 Resp: 2897
Ion Ratio Lower Upper
43 100
57 0.0 0.0 18.0





#19

Cyclohexane

Concen: 0.167 ug/l

RT: 5.379 min Scan# 11

Delta R.T. -0.006 min

Lab File: VU050402.D

Acq: 22 Aug 2022 17:34

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT3-2022

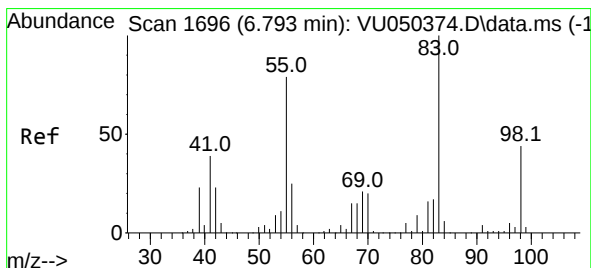
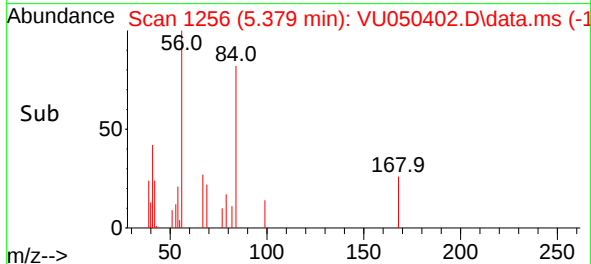
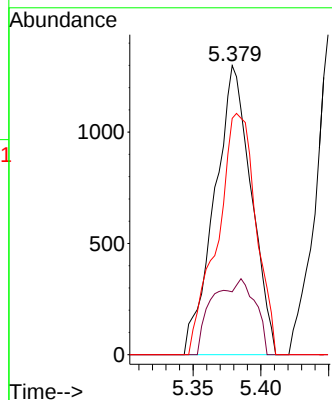
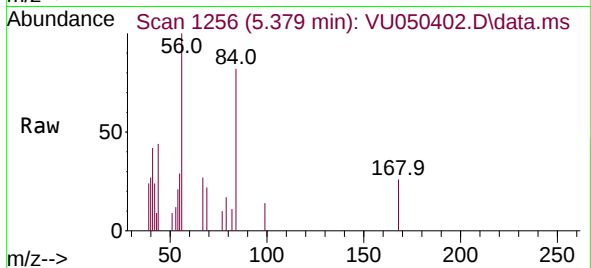
Tgt Ion: 56 Resp: 2449

Ion Ratio Lower Upper

56 100

69 30.2 24.2 36.4

84 87.7 63.4 95.2



#20

Methylcyclohexane

Concen: 0.161 ug/l

RT: 6.755 min Scan# 1684

Delta R.T. -0.006 min

Lab File: VU050402.D

Acq: 22 Aug 2022 17:34

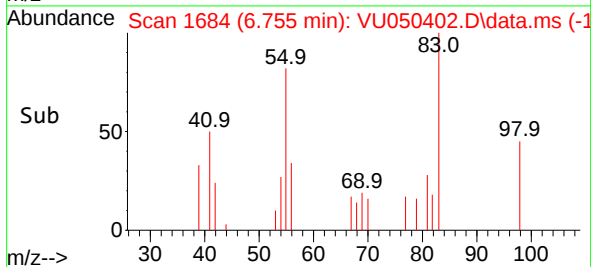
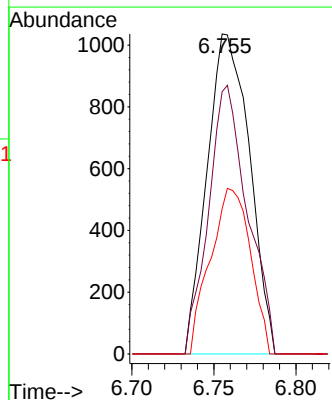
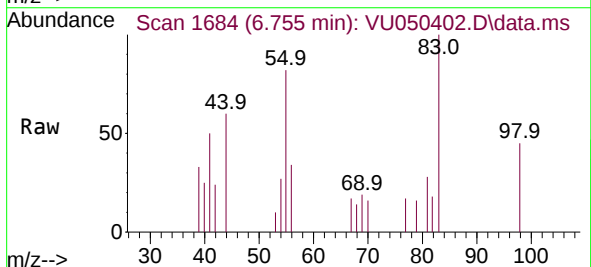
Tgt Ion: 83 Resp: 1862

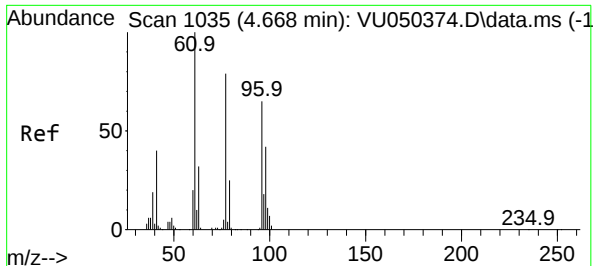
Ion Ratio Lower Upper

83 100

55 77.4 63.0 94.4

98 49.0 35.7 53.5





#21

2,2-Dichloropropane

Concen: 0.249 ug/l

RT: 4.659 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VU050402.D

Acq: 22 Aug 2022 17:34

Instrument :

MSVOA_U

ClientSampleId :

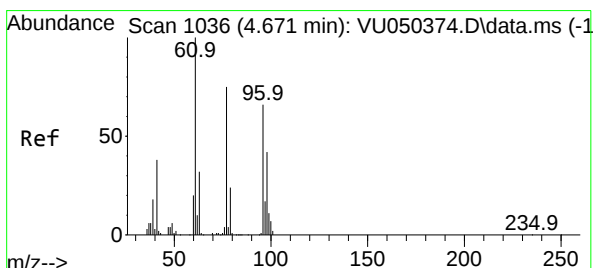
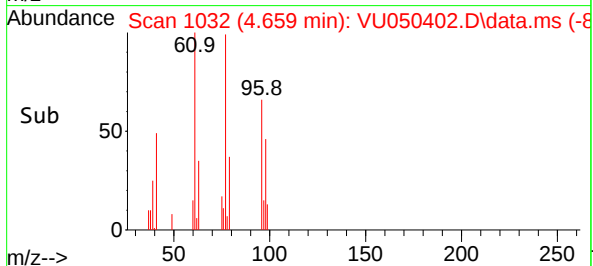
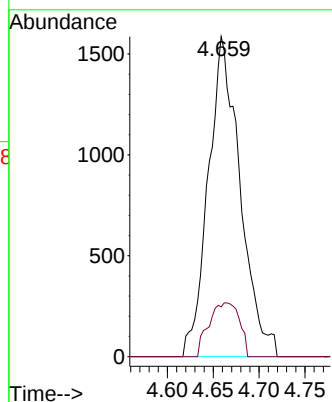
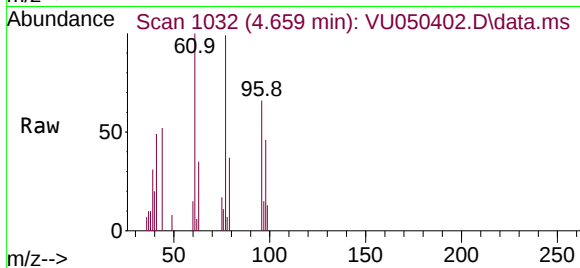
LOD-MDL-WATER-01-QT3-2022

Tgt Ion: 77 Resp: 3834

Ion Ratio Lower Upper

77 100

97 16.0 18.5 27.7#



#22

cis-1,2-Dichloroethene

Concen: 0.249 ug/l

RT: 4.665 min Scan# 1034

Delta R.T. 0.000 min

Lab File: VU050402.D

Acq: 22 Aug 2022 17:34

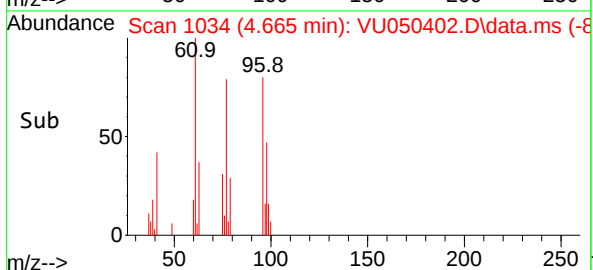
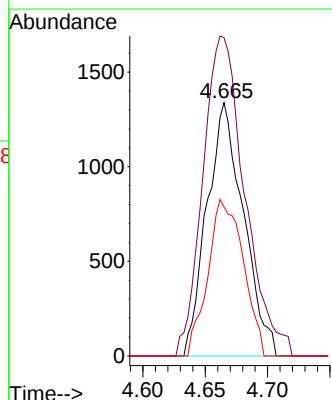
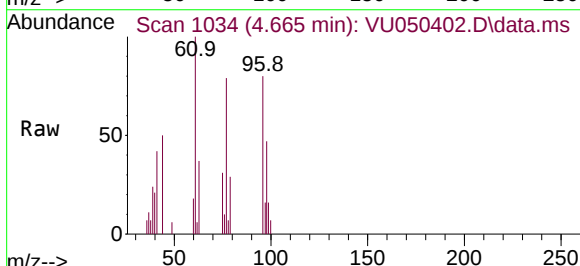
Tgt Ion: 96 Resp: 2733

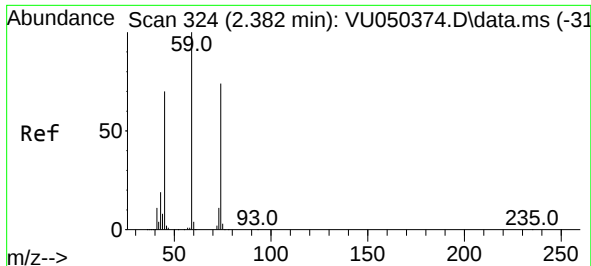
Ion Ratio Lower Upper

96 100

61 144.3 0.0 375.8

98 59.6 31.6 95.0

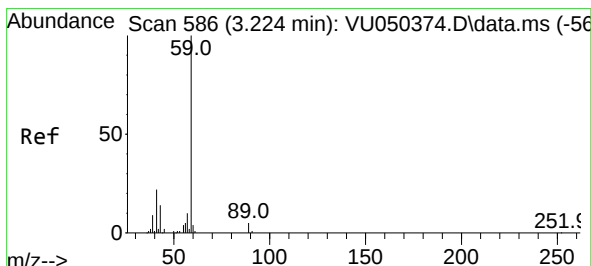
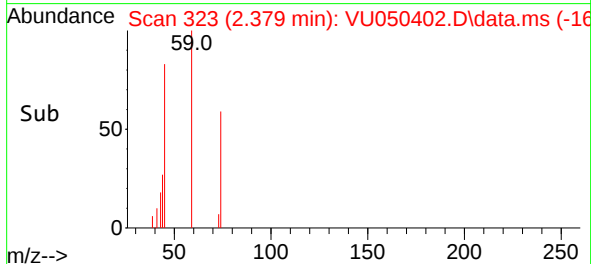
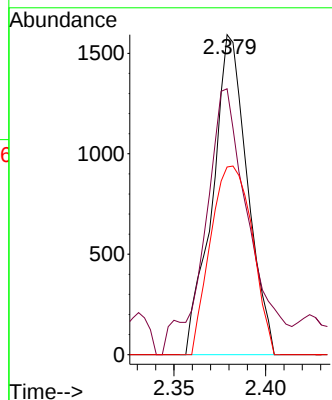
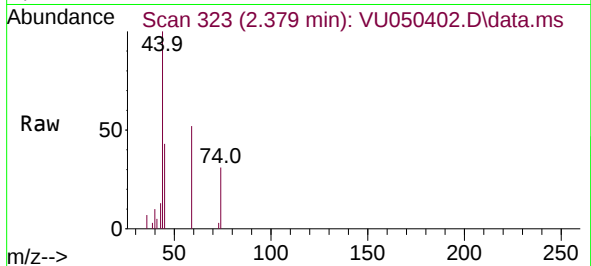




#23
Diethyl Ether
Concen: 0.262 ug/l
RT: 2.379 min Scan# 311
Delta R.T. 0.000 min
Lab File: VU050402.D
Acq: 22 Aug 2022 17:34

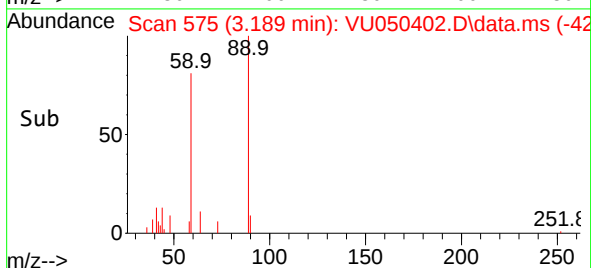
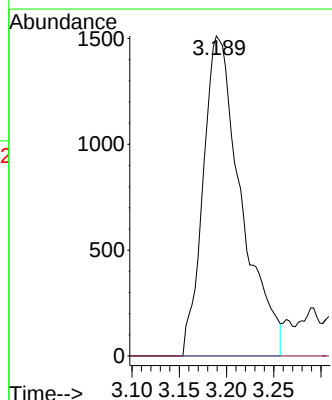
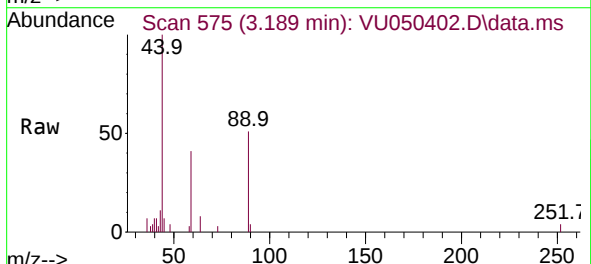
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022

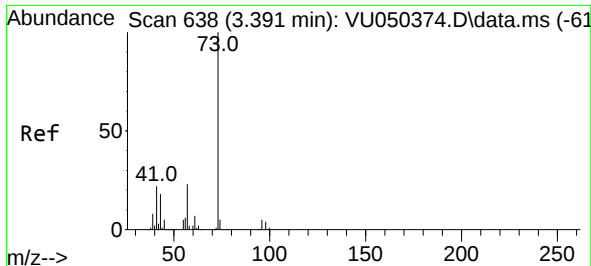
Tgt Ion: 59 Resp: 2118
Ion Ratio Lower Upper
59 100
45 104.4 56.0 84.0#
74 70.4 57.6 86.4



#24
tert-Butyl Alcohol
Concen: 4.959 ug/l
RT: 3.189 min Scan# 575
Delta R.T. -0.006 min
Lab File: VU050402.D
Acq: 22 Aug 2022 17:34

Tgt Ion: 59 Resp: 4237
Ion Ratio Lower Upper
59 100
57 38.4 8.2 12.2#

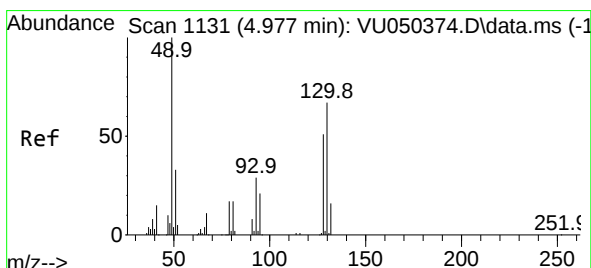
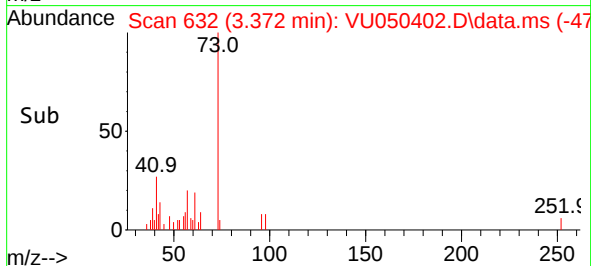
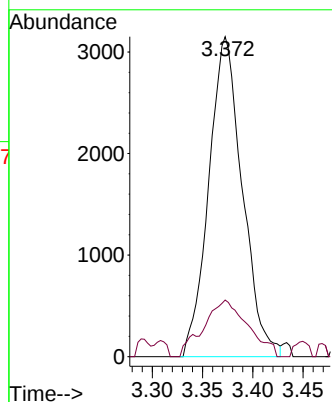
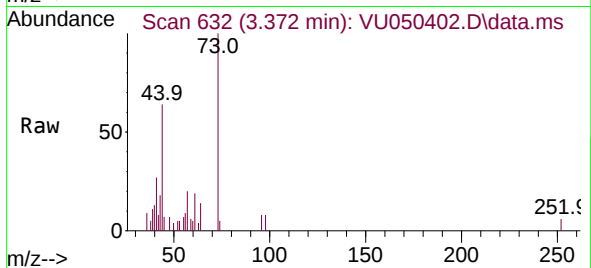




#25
Methyl tert-Butyl Ether
Concen: 0.293 ug/l
RT: 3.372 min Scan# 61
Delta R.T. 0.004 min
Lab File: VU050402.D
Acq: 22 Aug 2022 17:34

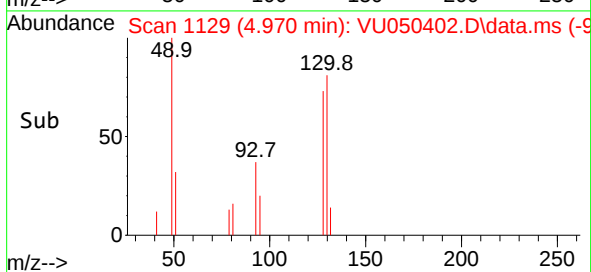
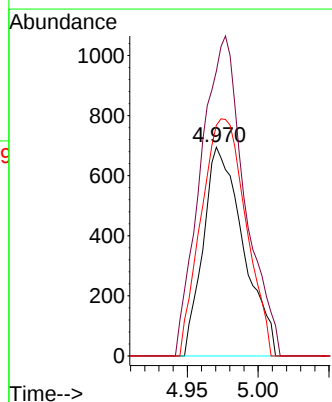
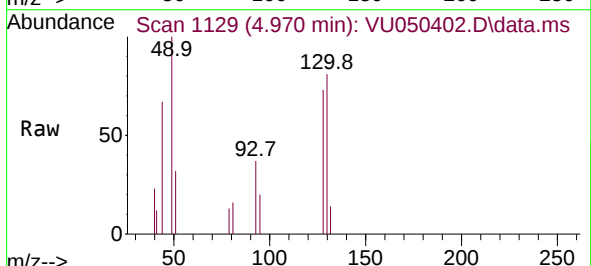
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022

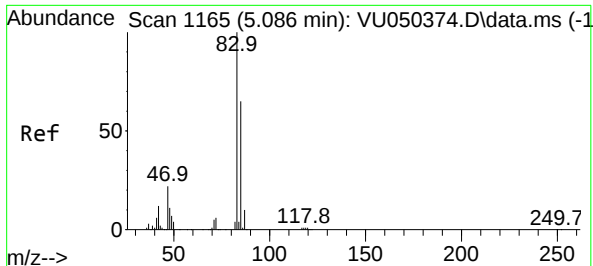
Tgt Ion: 73 Resp: 7312
Ion Ratio Lower Upper
73 100
43 23.2 15.9 23.9



#26
Bromochloromethane
Concen: 0.310 ug/l
RT: 4.970 min Scan# 1129
Delta R.T. -0.003 min
Lab File: VU050402.D
Acq: 22 Aug 2022 17:34

Tgt Ion: 128 Resp: 1367
Ion Ratio Lower Upper
128 100
49 168.5 0.0 349.2
130 126.5 103.0 154.6





#27

Chloroform

Concen: 0.288 ug/l

RT: 5.086 min Scan# 1165

Delta R.T. -0.003 min

Lab File: VU050402.D

Acq: 22 Aug 2022 17:34

Instrument :

MSVOA_U

ClientSampleId :

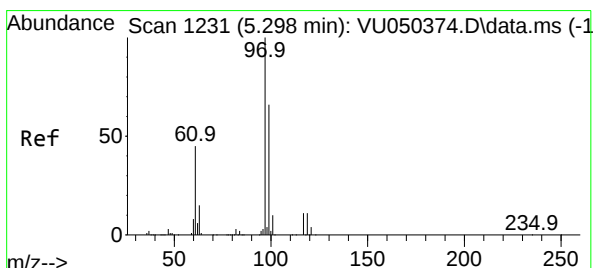
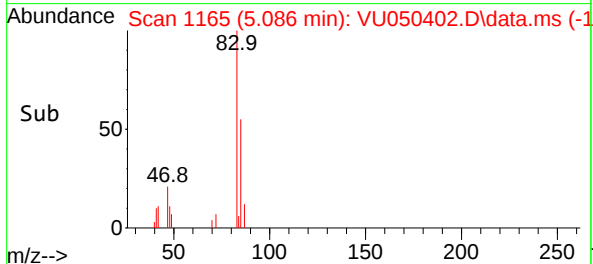
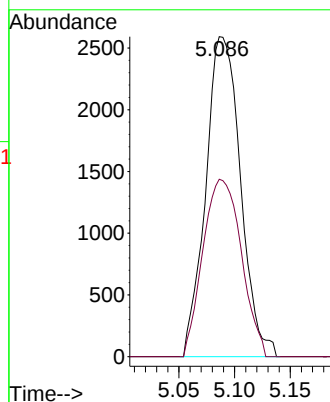
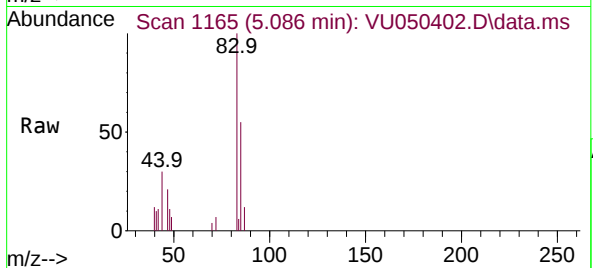
LOD-MDL-WATER-01-QT3-2022

Tgt Ion: 83 Resp: 5640

Ion Ratio Lower Upper

83 100

85 55.4 0.0 133.6



#28

1,1,1-Trichloroethane

Concen: 0.239 ug/l

RT: 5.315 min Scan# 1236

Delta R.T. 0.000 min

Lab File: VU050402.D

Acq: 22 Aug 2022 17:34

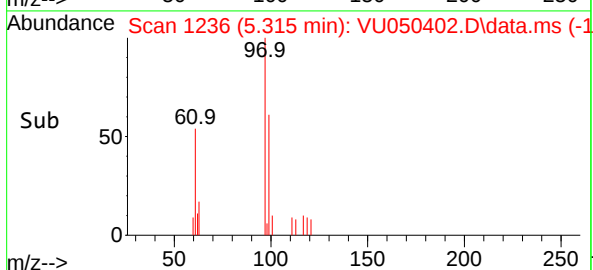
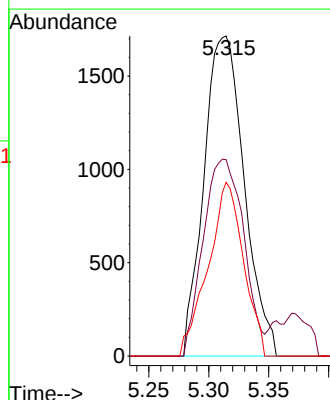
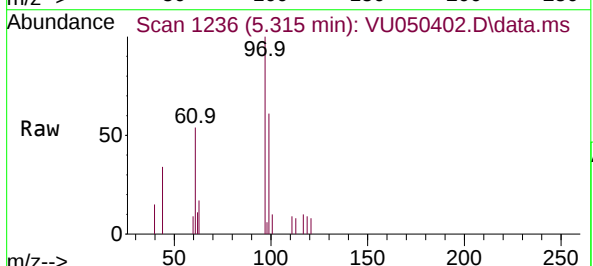
Tgt Ion: 97 Resp: 4005

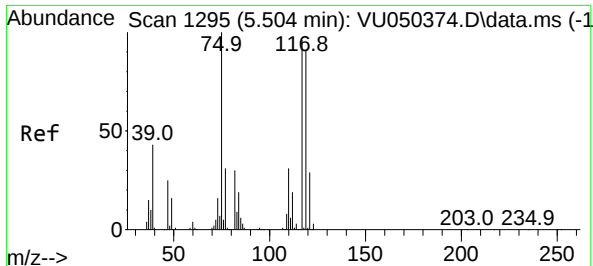
Ion Ratio Lower Upper

97 100

99 62.1 32.1 96.5

61 47.6 21.8 65.4





#29

1,1-Dichloropropene

Concen: 0.202 ug/l

RT: 5.524 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU050402.D

Acq: 22 Aug 2022 17:34

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT3-2022

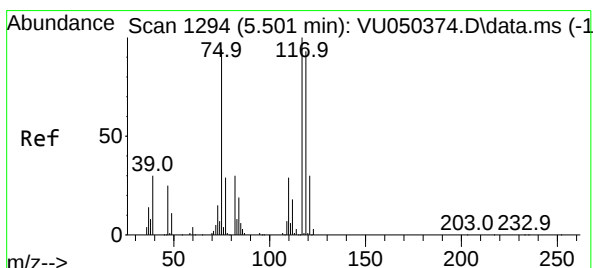
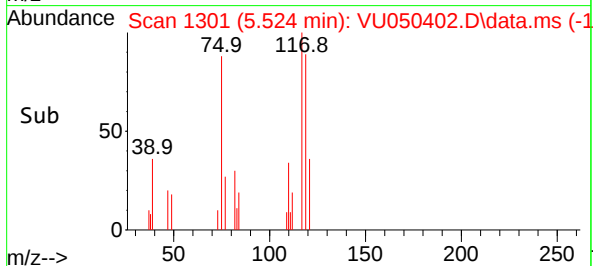
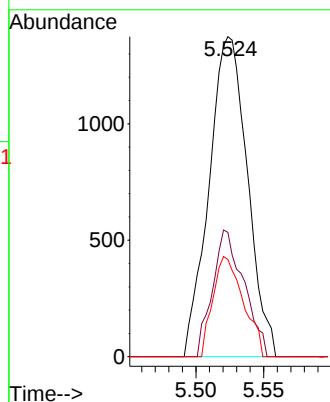
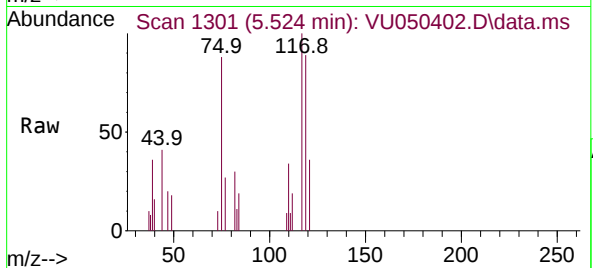
Tgt Ion: 75 Resp: 2702

Ion Ratio Lower Upper

75 100

110 32.3 17.3 52.0

77 24.8 24.6 37.0



#30

Carbon Tetrachloride

Concen: 0.249 ug/l

RT: 5.524 min Scan# 1301

Delta R.T. 0.004 min

Lab File: VU050402.D

Acq: 22 Aug 2022 17:34

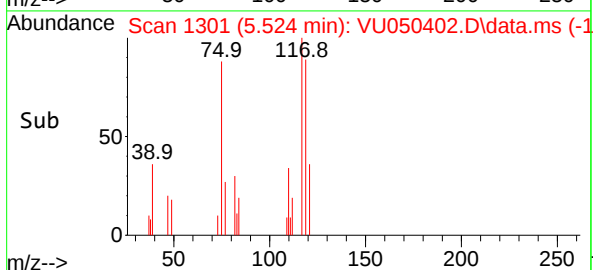
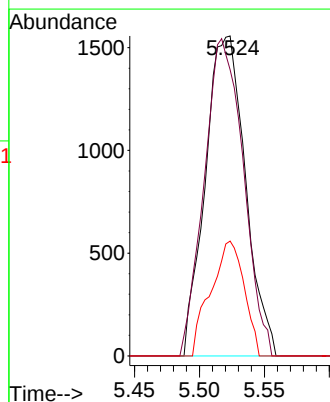
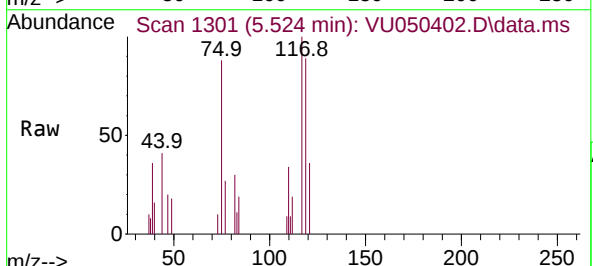
Tgt Ion: 117 Resp: 3338

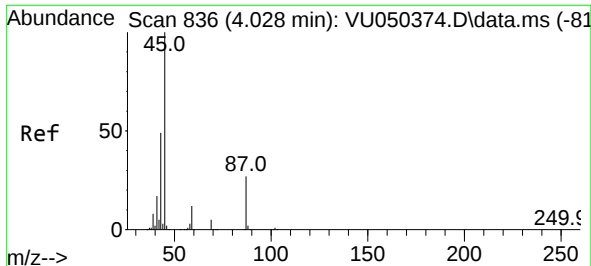
Ion Ratio Lower Upper

117 100

119 89.5 74.6 112.0

121 35.9 24.2 36.4

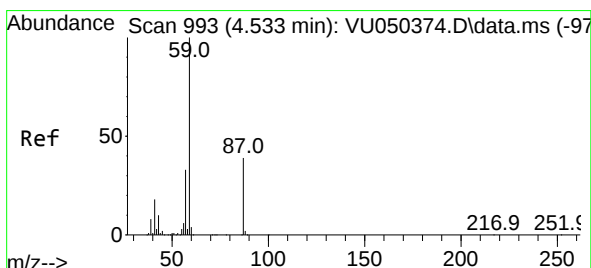
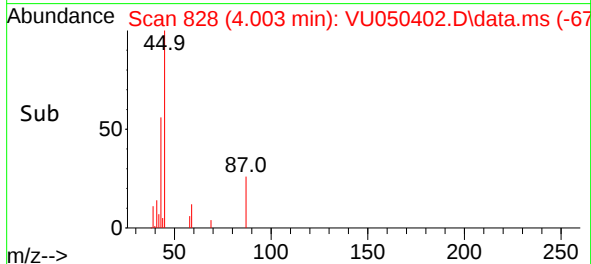
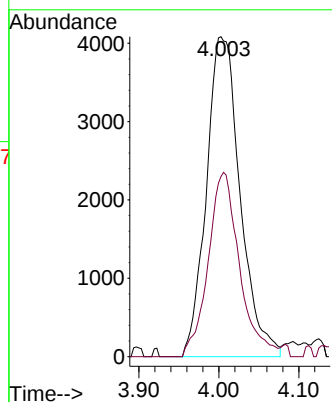
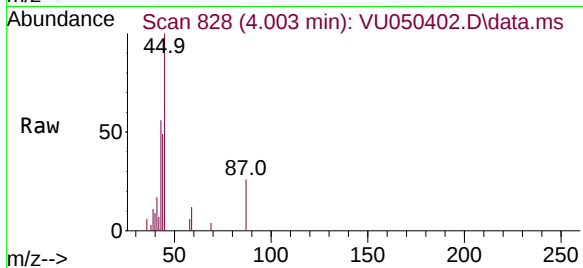




#31
Isopropyl Ether
Concen: 0.381 ug/l
RT: 4.003 min Scan# 81
Delta R.T. 0.000 min
Lab File: VU050402.D
Acq: 22 Aug 2022 17:34

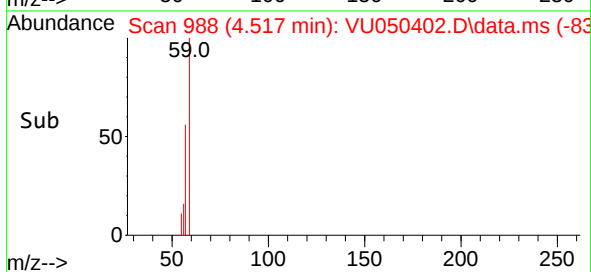
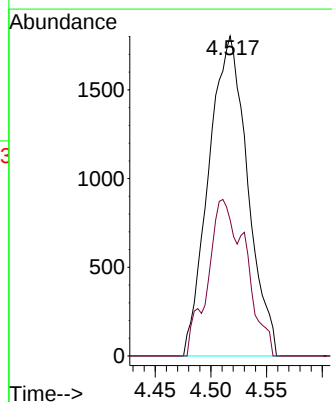
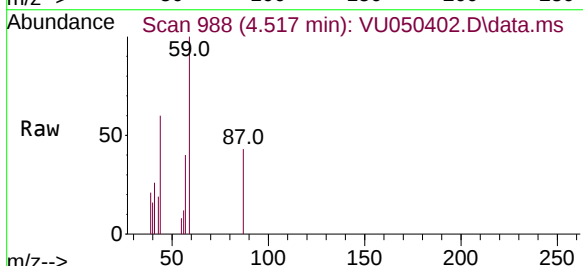
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022

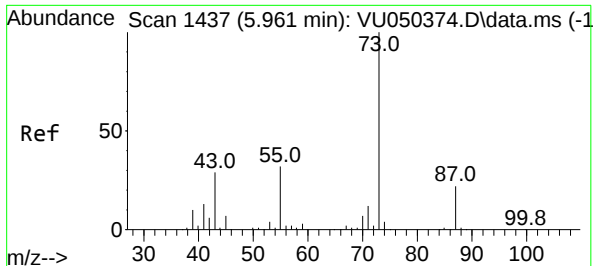
Tgt Ion: 45 Resp: 11977
Ion Ratio Lower Upper
45 100
43 53.3 23.8 71.2



#32
Ethyl-t-butyl ether
Concen: 0.177 ug/l
RT: 4.517 min Scan# 988
Delta R.T. 0.004 min
Lab File: VU050402.D
Acq: 22 Aug 2022 17:34

Tgt Ion: 59 Resp: 4376
Ion Ratio Lower Upper
59 100
87 33.9 32.5 48.7





#33

Tert-Amyl methyl ether

Concen: 0.177 ug/l

RT: 5.951 min Scan# 1437

Delta R.T. 0.004 min

Lab File: VU050402.D

Acq: 22 Aug 2022 17:34

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT3-2022

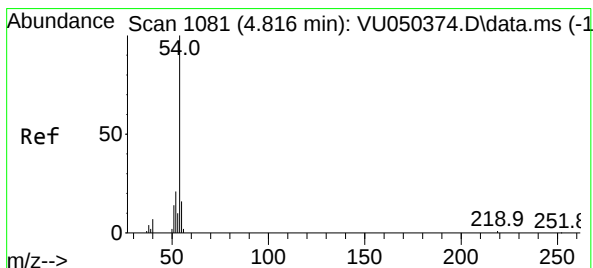
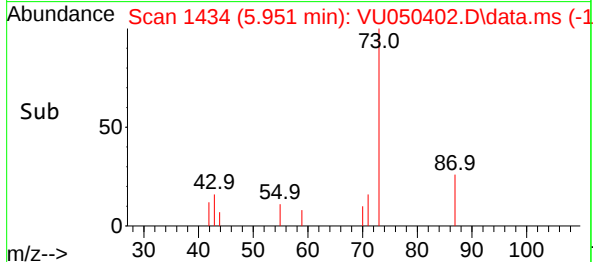
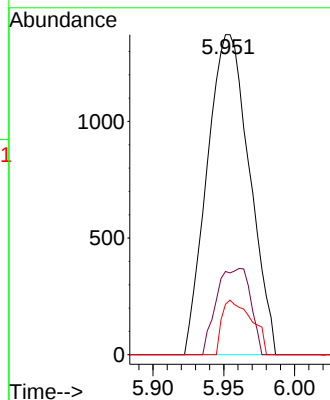
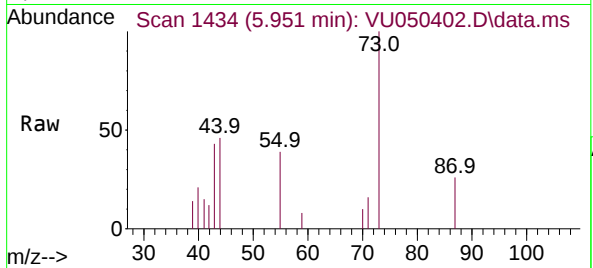
Tgt Ion: 73 Resp: 2849

Ion Ratio Lower Upper

73 100

87 21.7 19.7 29.5

71 12.0 9.0 13.4



#34

Propionitrile

Concen: 0.045 ug/l

RT: 4.781 min Scan# 1070

Delta R.T. -0.006 min

Lab File: VU050402.D

Acq: 22 Aug 2022 17:34

Tgt Ion: 54 Resp: 41

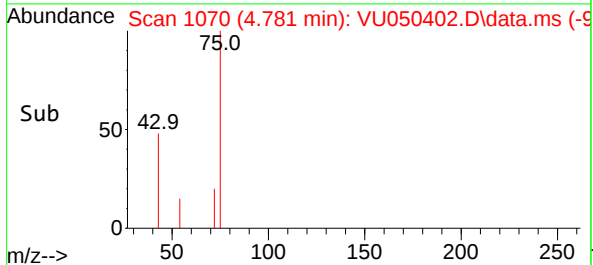
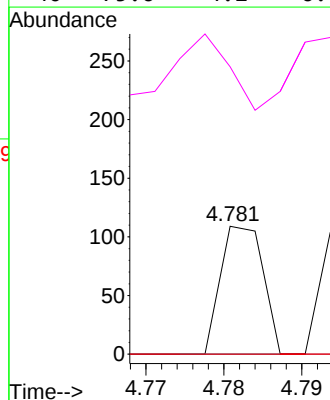
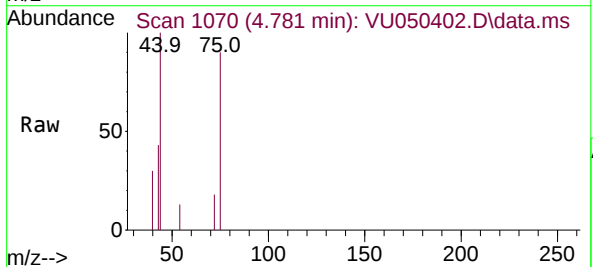
Ion Ratio Lower Upper

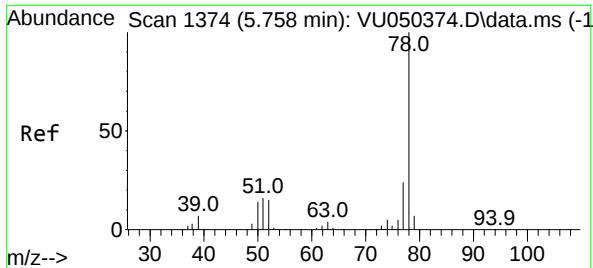
54 100

52 0.0 15.0 22.6#

55 0.0 12.6 19.0#

40 75.6 4.2 6.4#

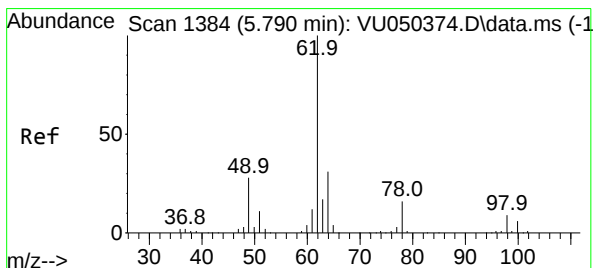
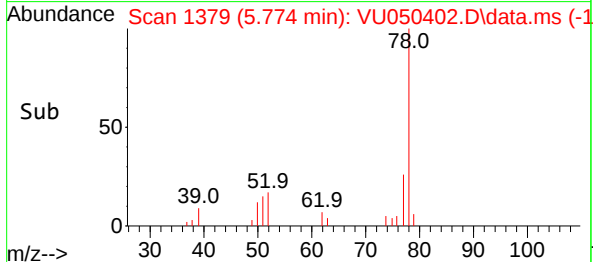
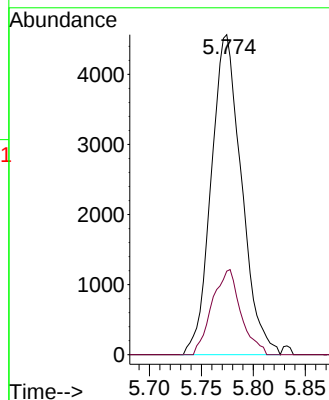
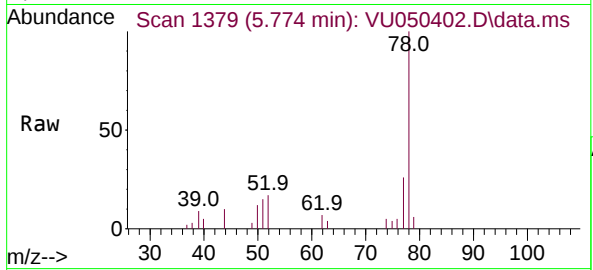




#35
Benzene
Concen: 0.235 ug/l
RT: 5.774 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU050402.D
Acq: 22 Aug 2022 17:34

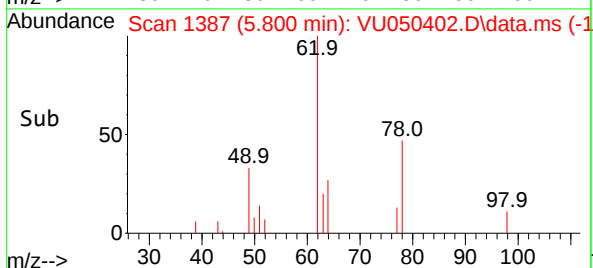
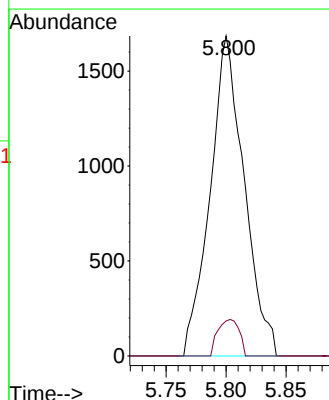
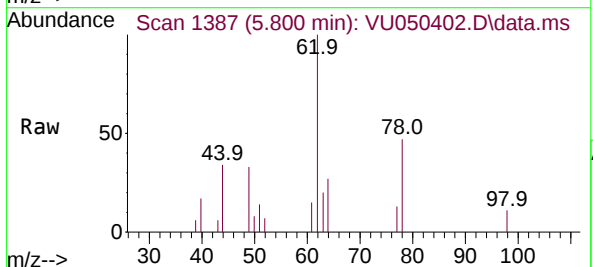
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022

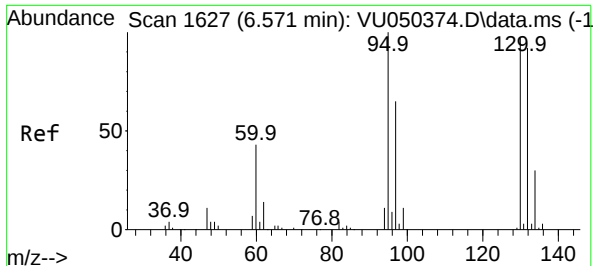
Tgt Ion: 78 Resp: 9266
Ion Ratio Lower Upper
78 100
77 26.1 18.6 28.0



#36
1,2-Dichloroethane
Concen: 0.276 ug/l
RT: 5.800 min Scan# 1387
Delta R.T. 0.004 min
Lab File: VU050402.D
Acq: 22 Aug 2022 17:34

Tgt Ion: 62 Resp: 3322
Ion Ratio Lower Upper
62 100
98 7.1 7.4 11.0#





#37

Trichloroethene

Concen: 0.248 ug/l

RT: 6.543 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU050402.D

Acq: 22 Aug 2022 17:34

Instrument :

MSVOA_U

ClientSampleId :

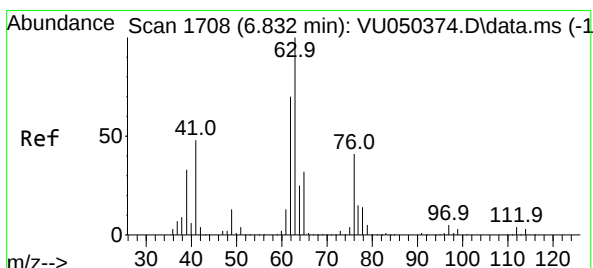
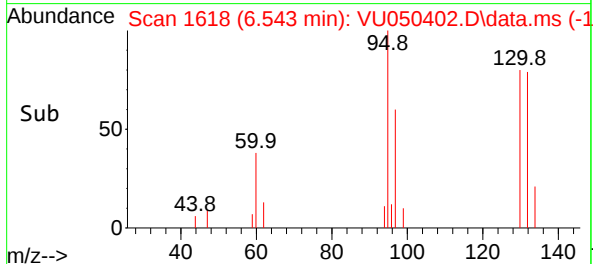
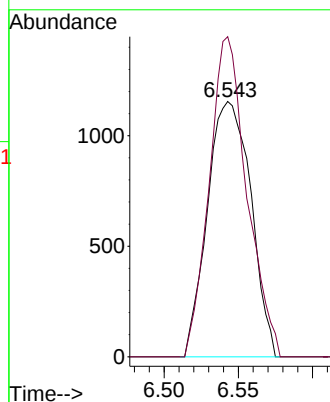
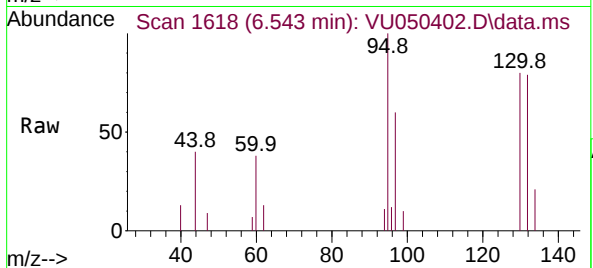
LOD-MDL-WATER-01-QT3-2022

Tgt Ion:130 Resp: 2344

Ion Ratio Lower Upper

130 100

95 125.4 83.8 125.8



#38

1,2-Dichloropropane

Concen: 0.261 ug/l

RT: 6.800 min Scan# 1698

Delta R.T. 0.007 min

Lab File: VU050402.D

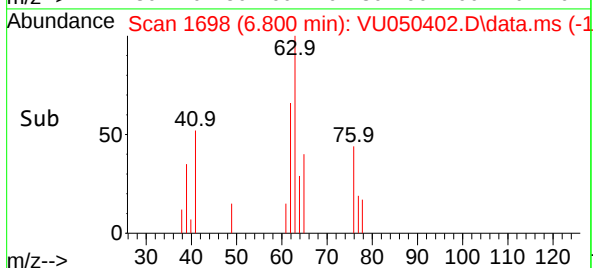
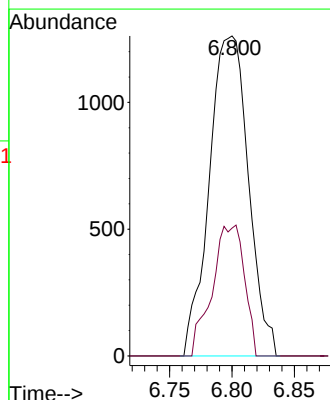
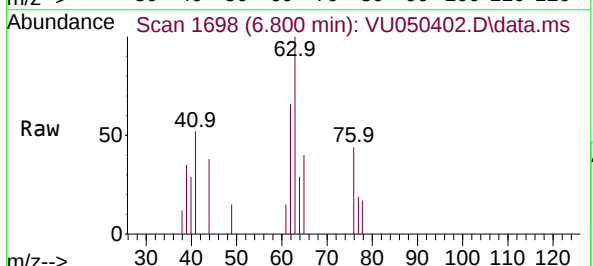
Acq: 22 Aug 2022 17:34

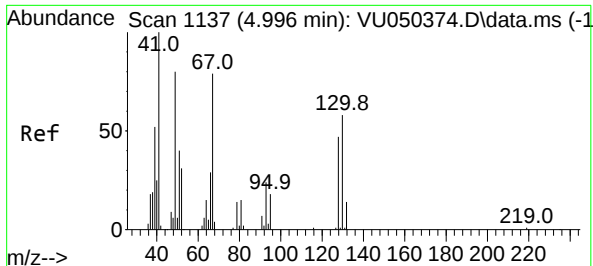
Tgt Ion: 63 Resp: 2761

Ion Ratio Lower Upper

63 100

65 39.9 25.0 37.4#





#39

Methacrylonitrile

Concen: 0.186 ug/l

RT: 4.999 min Scan# 1138

Delta R.T. 0.016 min

Lab File: VU050402.D

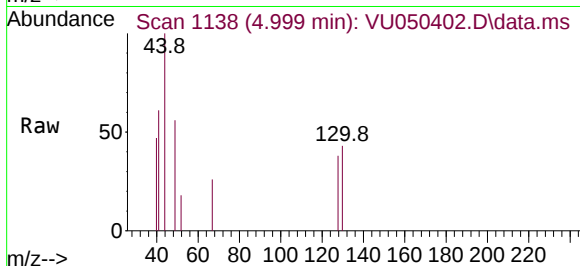
Acq: 22 Aug 2022 17:34

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT3-2022



Tgt Ion: 41 Resp: 699

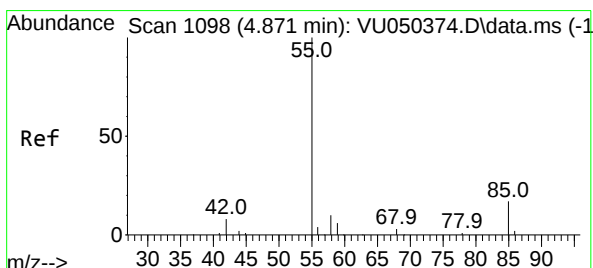
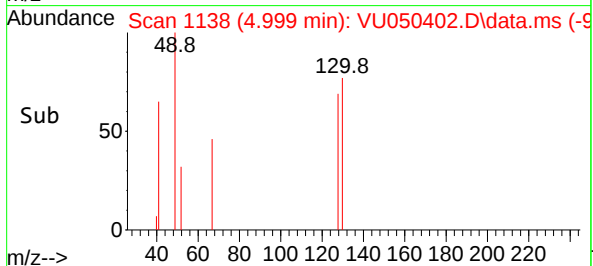
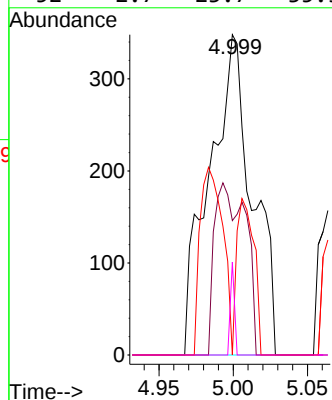
Ion Ratio Lower Upper

41 100

67 38.8 59.4 89.0#

39 19.5 42.2 63.2#

52 2.7 23.7 35.5#



#40

Methyl acrylate

Concen: 0.103 ug/l

RT: 4.868 min Scan# 1097

Delta R.T. 0.013 min

Lab File: VU050402.D

Acq: 22 Aug 2022 17:34

Tgt Ion: 55 Resp: 589

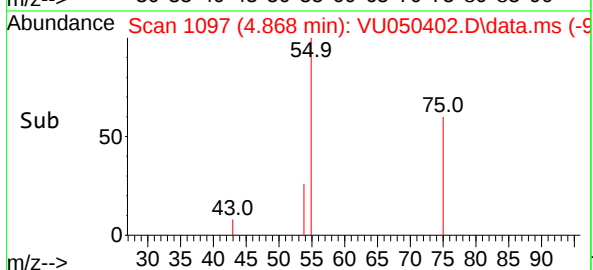
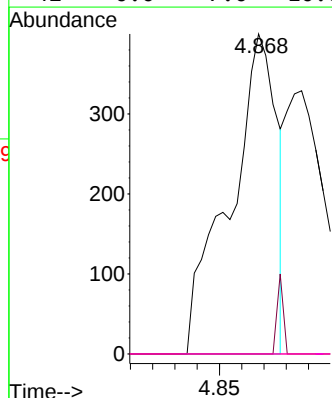
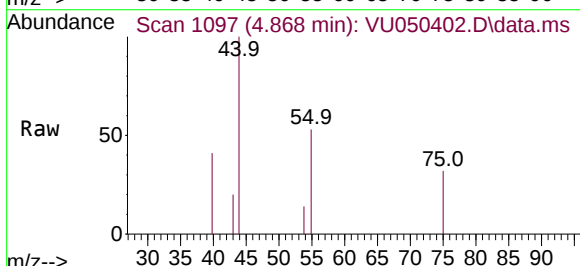
Ion Ratio Lower Upper

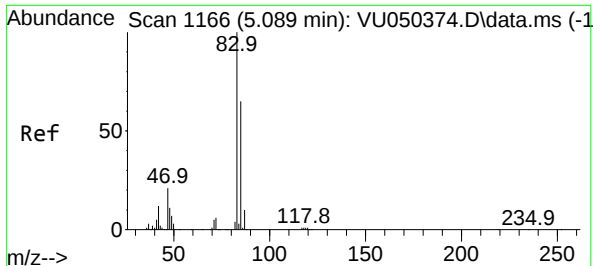
55 100

85 0.0 13.5 20.3#

58 0.0 7.0 10.4#

42 0.0 7.0 10.6#





#41

Tetrahydrofuran

Concen: 0.334 ug/l

RT: 5.083 min Scan# 1166

Delta R.T. 0.016 min

Lab File: VU050402.D

Acq: 22 Aug 2022 17:34

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT3-2022

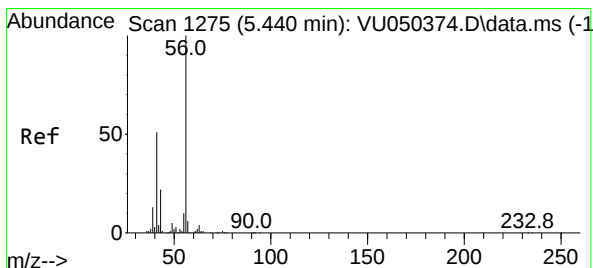
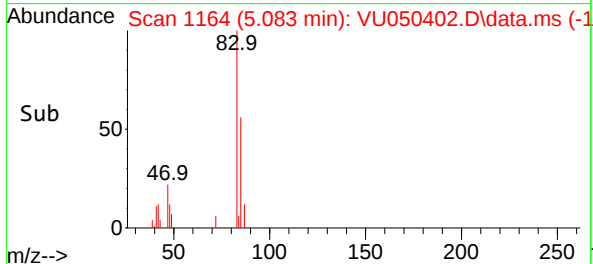
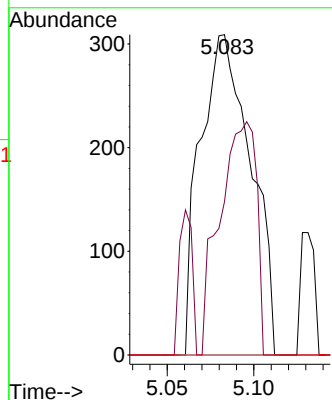
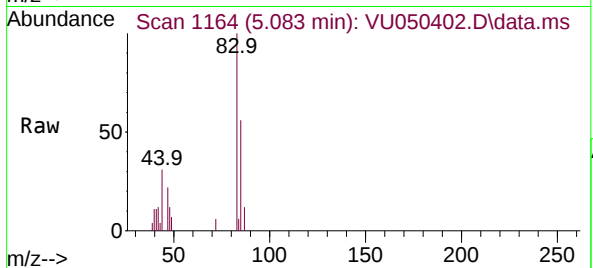
Tgt Ion: 42 Resp: 628

Ion Ratio Lower Upper

42 100

72 52.9 38.9 58.3

71 0.0 33.7 50.5#



#42

1-Chlorobutane

Concen: 0.179 ug/l

RT: 5.462 min Scan# 1282

Delta R.T. 0.007 min

Lab File: VU050402.D

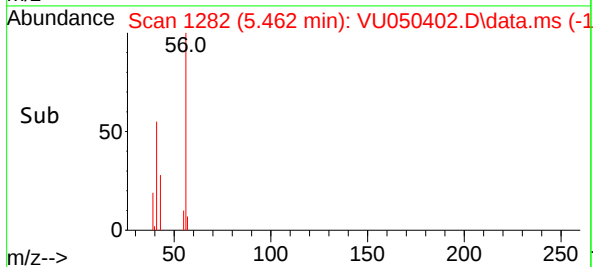
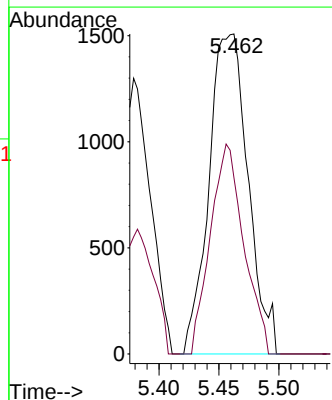
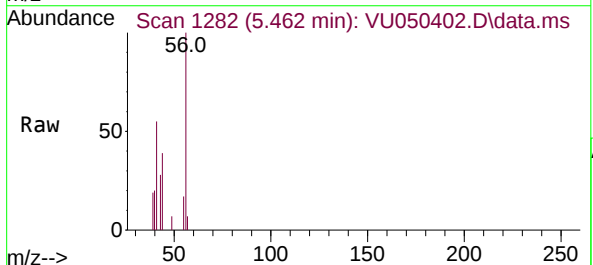
Acq: 22 Aug 2022 17:34

Tgt Ion: 56 Resp: 3424

Ion Ratio Lower Upper

56 100

41 56.1 26.4 79.2

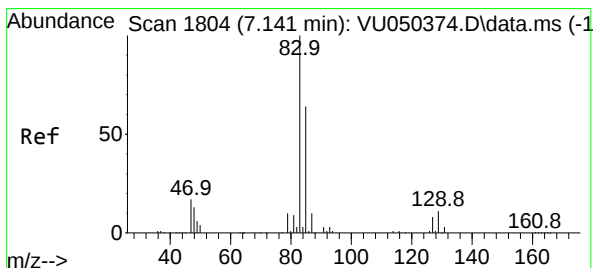
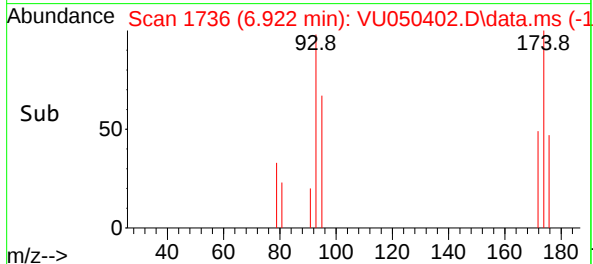
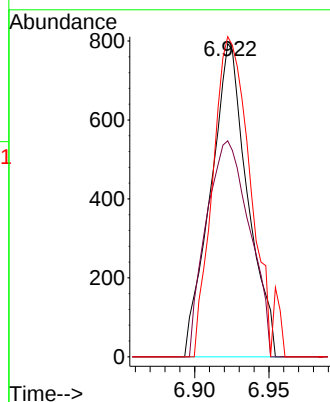
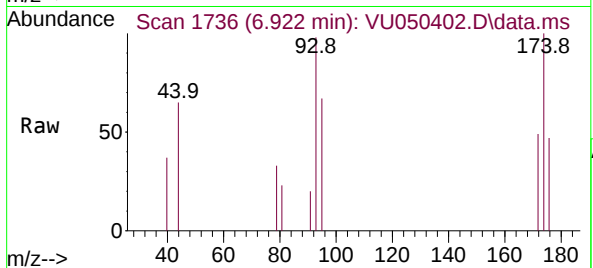




#43
Dibromomethane
Concen: 0.241 ug/l
RT: 6.922 min Scan# 1736
Delta R.T. 0.004 min
Lab File: VU050402.D
Acq: 22 Aug 2022 17:34

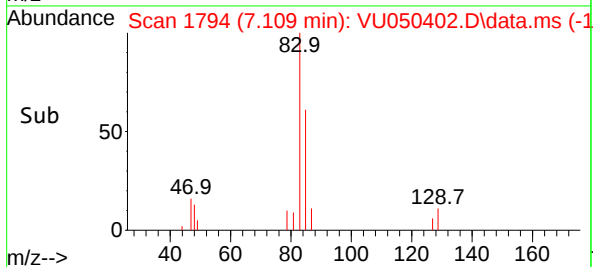
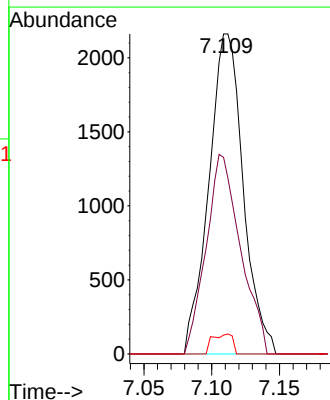
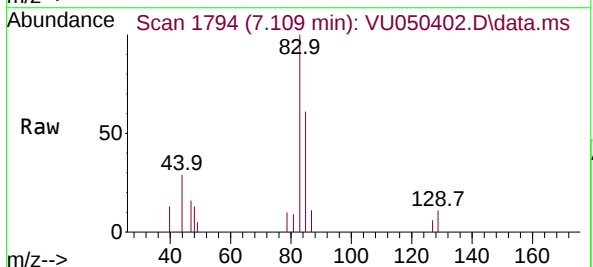
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022

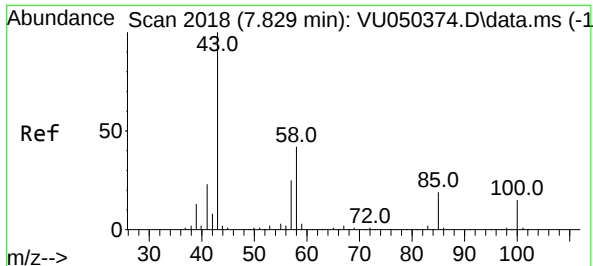
Tgt Ion: 93 Resp: 1373
Ion Ratio Lower Upper
93 100
95 80.8 65.0 97.6
174 102.0 76.3 114.5



#44
Bromodichloromethane
Concen: 0.284 ug/l
RT: 7.109 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VU050402.D
Acq: 22 Aug 2022 17:34

Tgt Ion: 83 Resp: 3816
Ion Ratio Lower Upper
83 100
85 61.5 49.4 74.0
127 5.9 6.6 10.0#





#45

4-Methyl-2-Pentanone

Concen: 1.131 ug/l

RT: 7.806 min Scan# 2011

Delta R.T. 0.010 min

Lab File: VU050402.D

Acq: 22 Aug 2022 17:34

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT3-2022

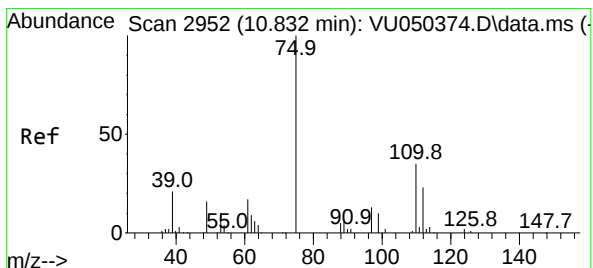
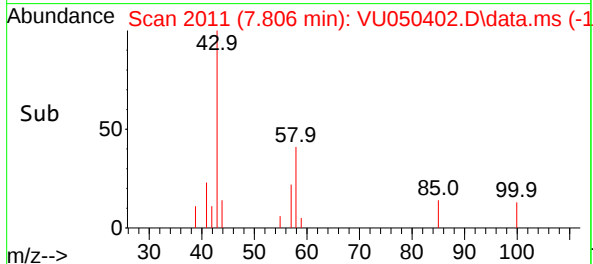
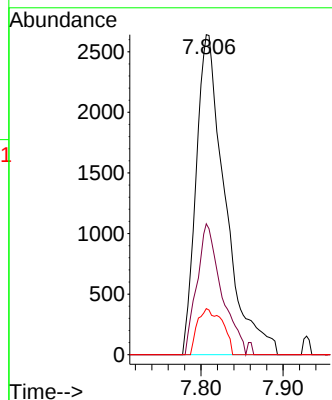
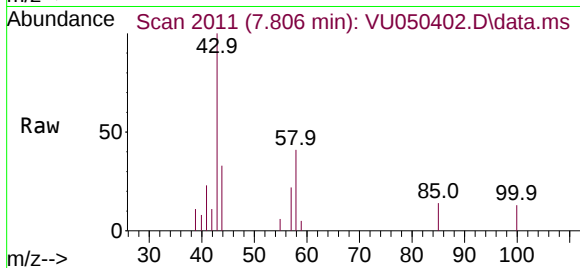
Tgt Ion: 43 Resp: 6475

Ion Ratio Lower Upper

43 100

58 34.6 20.3 61.0

85 12.4 14.6 21.8#



#46

t-1,4-Dichloro-2-butene

Concen: 0.966 ug/l

RT: 10.829 min Scan# 2951

Delta R.T. -0.003 min

Lab File: VU050402.D

Acq: 22 Aug 2022 17:34

Tgt Ion: 75 Resp: 2790

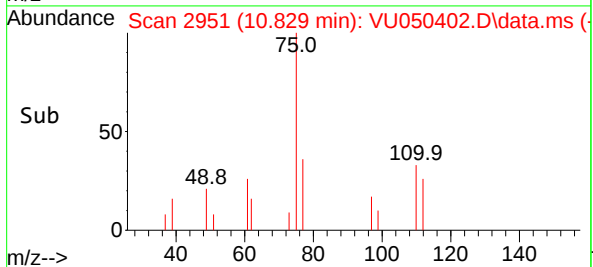
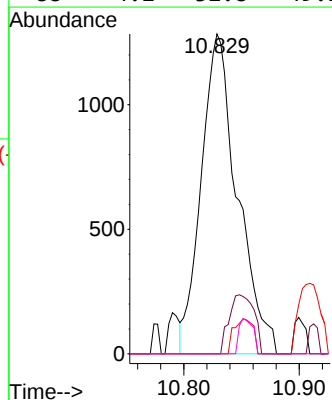
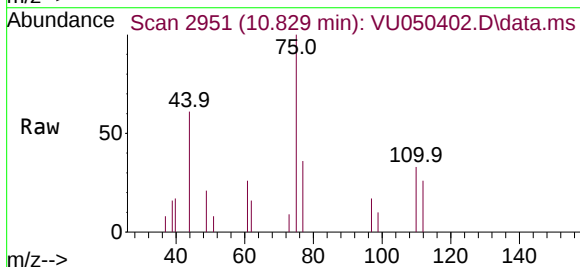
Ion Ratio Lower Upper

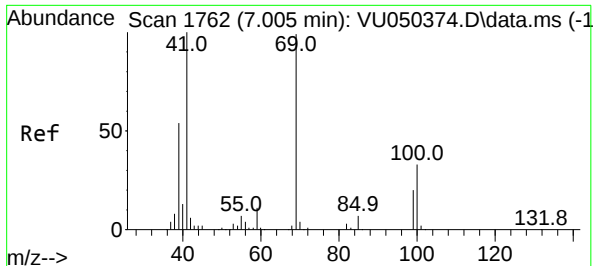
75 100

53 12.7 64.4 96.6#

89 5.8 44.2 66.2#

88 4.2 32.8 49.2#





#47

Methyl methacrylate

Concen: 0.338 ug/l

RT: 6.977 min Scan# 1

Delta R.T. 0.010 min

Lab File: VU050402.D

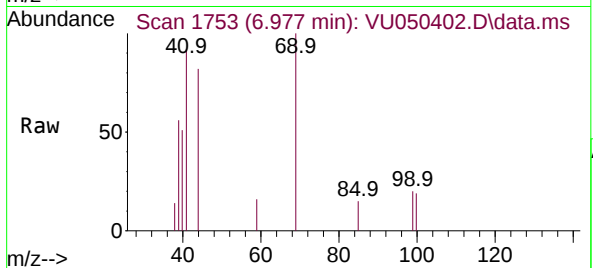
Acq: 22 Aug 2022 17:34

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT3-2022



Tgt Ion: 69 Resp: 1441

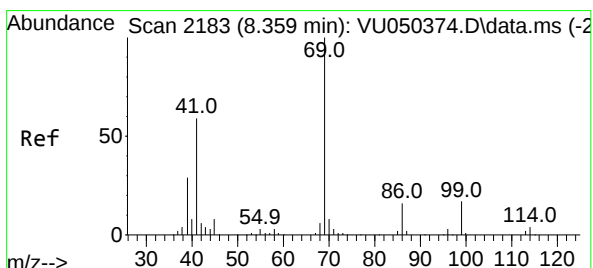
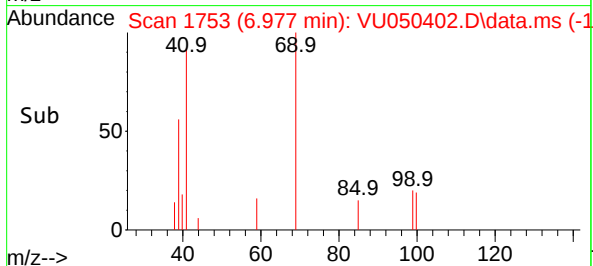
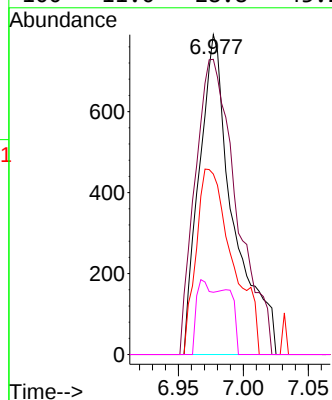
Ion Ratio Lower Upper

69 100

41 112.3 0.0 225.4

39 62.1 45.8 68.8

100 11.0 28.8 43.2#



#48

Ethyl methacrylate

Concen: 0.188 ug/l

RT: 8.340 min Scan# 2177

Delta R.T. 0.004 min

Lab File: VU050402.D

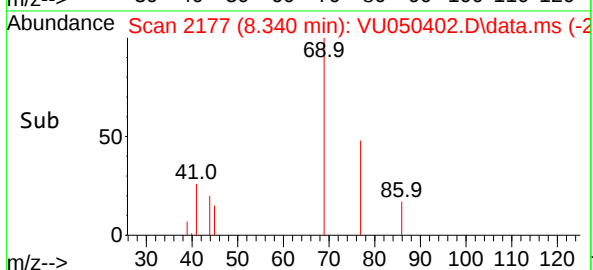
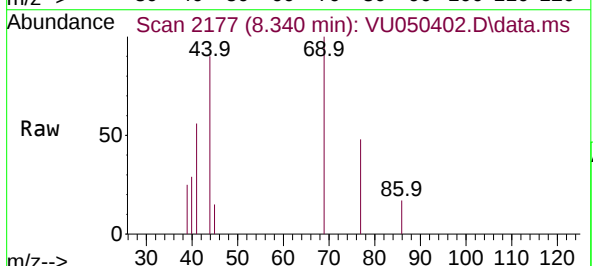
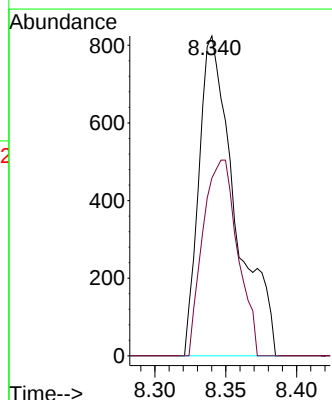
Acq: 22 Aug 2022 17:34

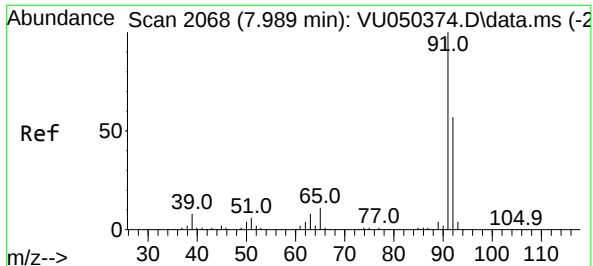
Tgt Ion: 69 Resp: 1466

Ion Ratio Lower Upper

69 100

41 58.5 32.3 96.9

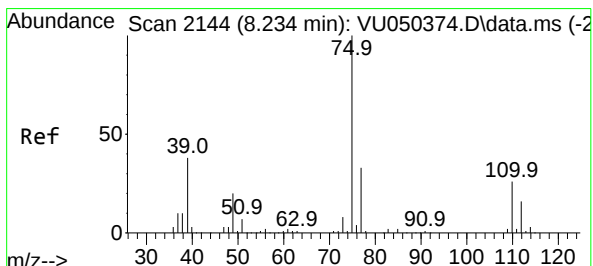
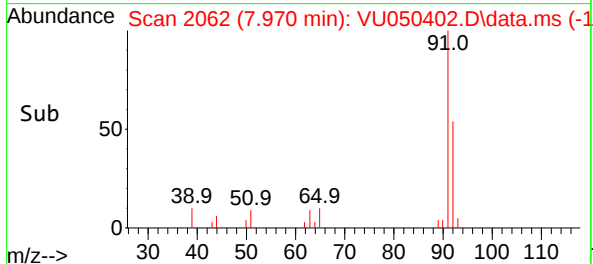
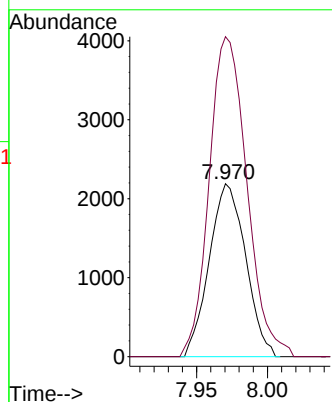
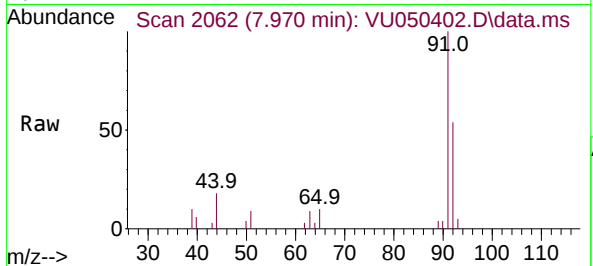




#49
Toluene
Concen: 0.185 ug/l
RT: 7.970 min Scan# 2068
Delta R.T. 0.000 min
Lab File: VU050402.D
Acq: 22 Aug 2022 17:34

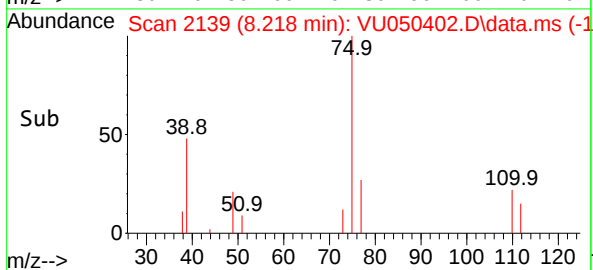
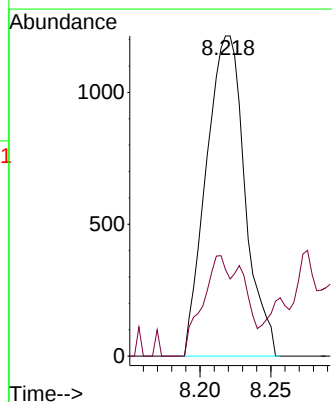
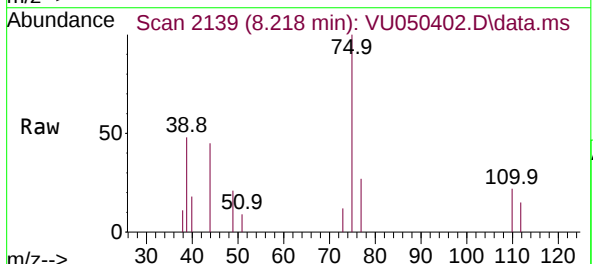
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022

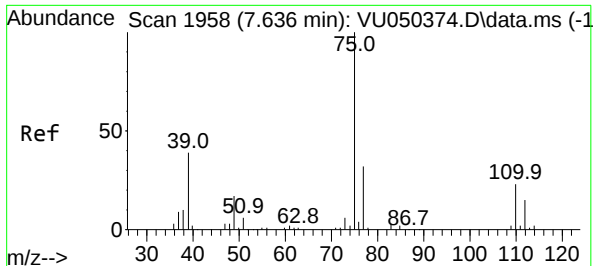
Tgt Ion: 92 Resp: 3909
Ion Ratio Lower Upper
92 100
91 191.6 138.6 207.8



#50
t-1,3-Dichloropropene
Concen: 0.220 ug/l
RT: 8.218 min Scan# 2139
Delta R.T. 0.007 min
Lab File: VU050402.D
Acq: 22 Aug 2022 17:34

Tgt Ion: 75 Resp: 2310
Ion Ratio Lower Upper
75 100
77 27.0 24.7 37.1





#51

cis-1,3-Dichloropropene

Concen: 0.244 ug/l

RT: 7.610 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VU050402.D

Acq: 22 Aug 2022 17:34

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT3-2022

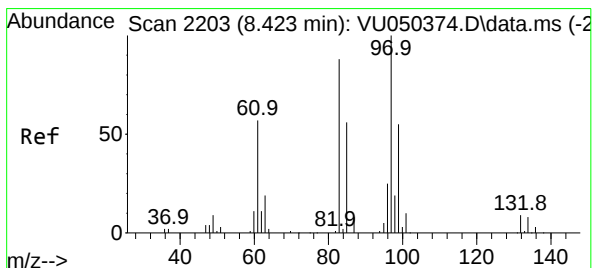
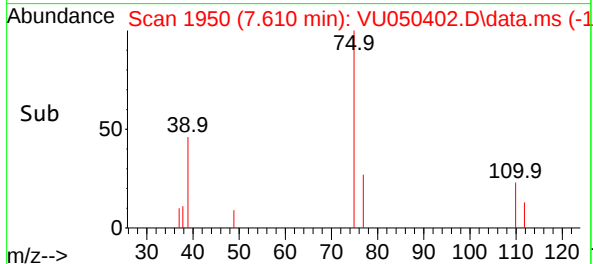
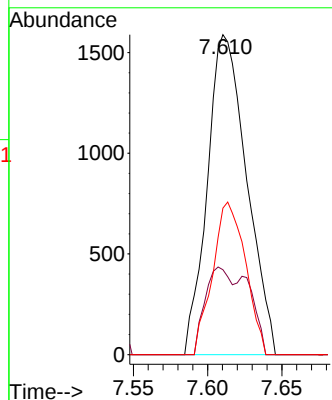
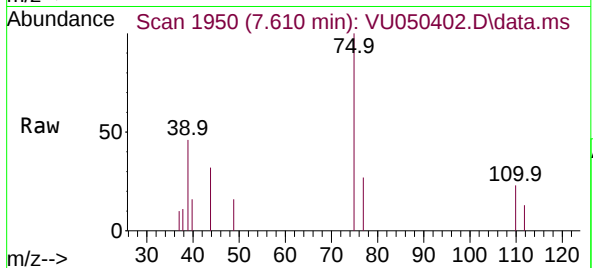
Tgt Ion: 75 Resp: 2926

Ion Ratio Lower Upper

75 100

77 26.6 25.4 38.0

39 45.8 35.1 52.7



#52

1,1,2-Trichloroethane

Concen: 0.248 ug/l

RT: 8.404 min Scan# 2197

Delta R.T. 0.004 min

Lab File: VU050402.D

Acq: 22 Aug 2022 17:34

Tgt Ion: 97 Resp: 2078

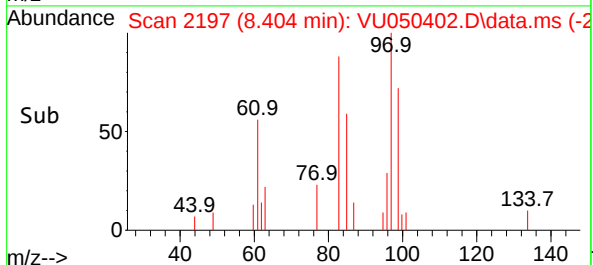
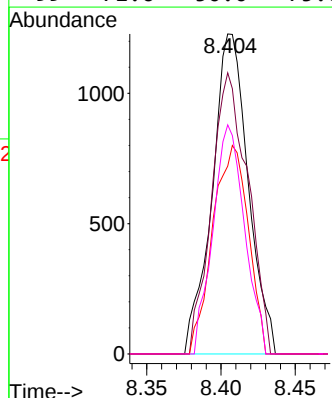
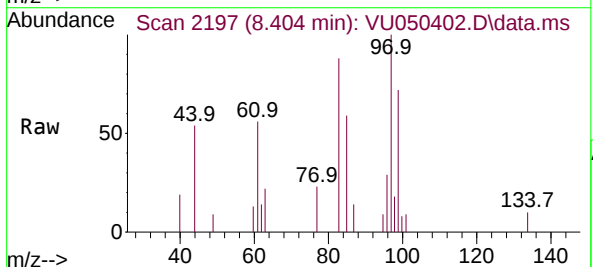
Ion Ratio Lower Upper

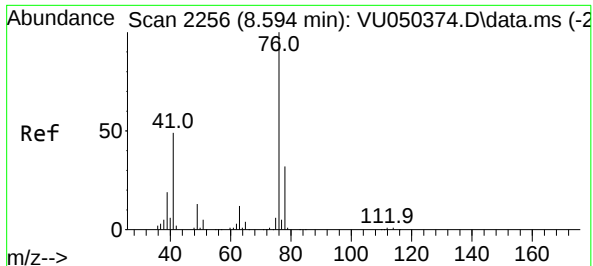
97 100

83 87.9 70.6 106.0

85 58.7 46.2 69.4

99 71.6 50.0 75.0





#53

1,3-Dichloropropane

Concen: 0.247 ug/l

RT: 8.581 min Scan# 21

Delta R.T. 0.004 min

Lab File: VU050402.D

Acq: 22 Aug 2022 17:34

Instrument :

MSVOA_U

ClientSampleId :

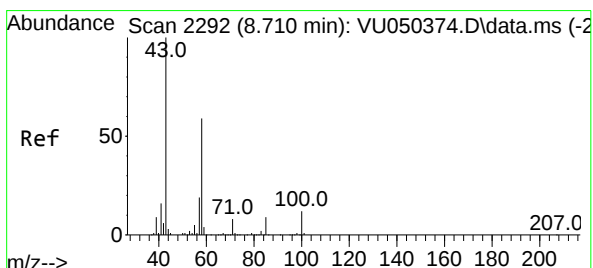
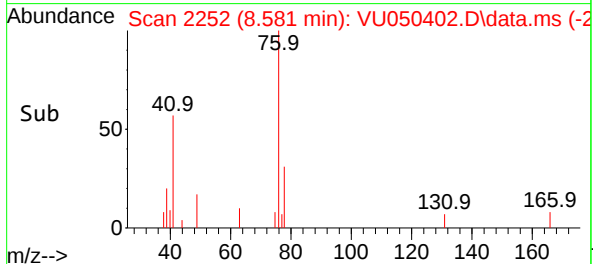
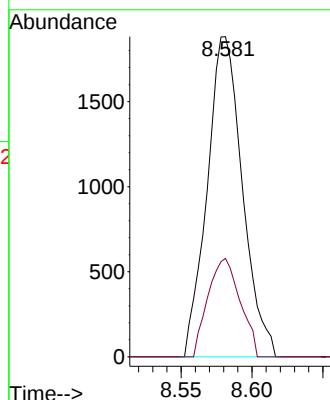
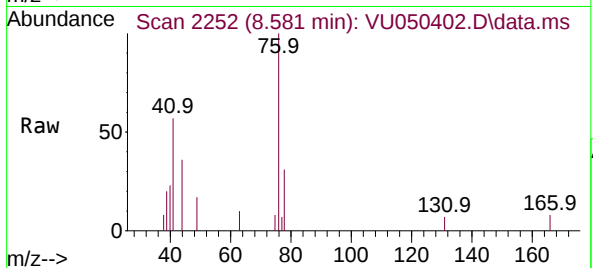
LOD-MDL-WATER-01-QT3-2022

Tgt Ion: 76 Resp: 3254

Ion Ratio Lower Upper

76 100

78 28.0 26.0 39.0



#54

2-Hexanone

Concen: 0.944 ug/l

RT: 8.707 min Scan# 2291

Delta R.T. 0.016 min

Lab File: VU050402.D

Acq: 22 Aug 2022 17:34

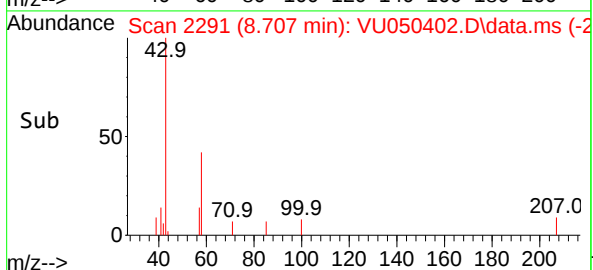
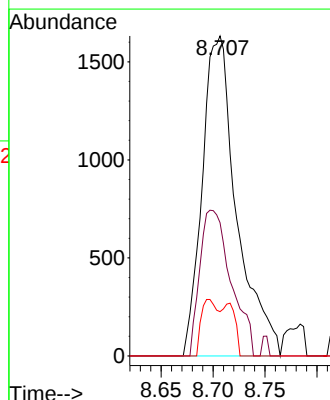
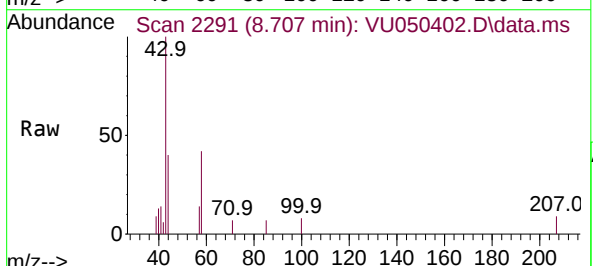
Tgt Ion: 43 Resp: 3765

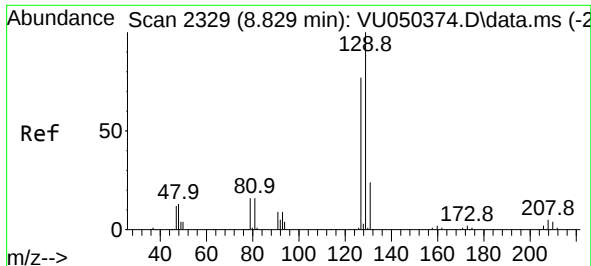
Ion Ratio Lower Upper

43 100

58 41.2 37.1 77.1

57 8.8 0.0 39.5

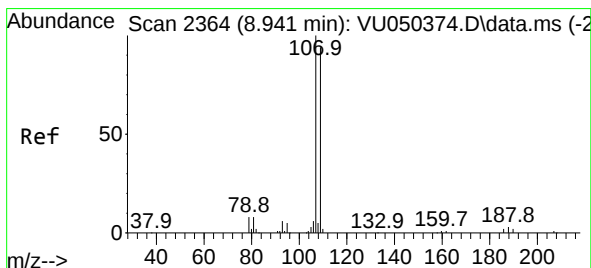
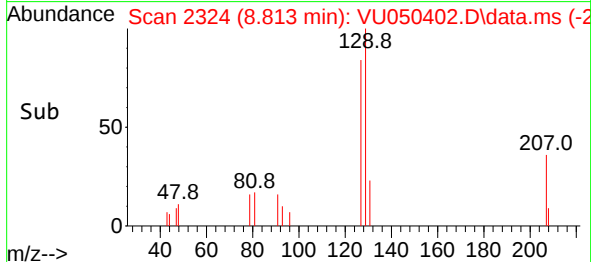
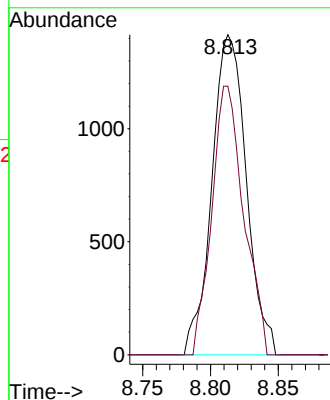
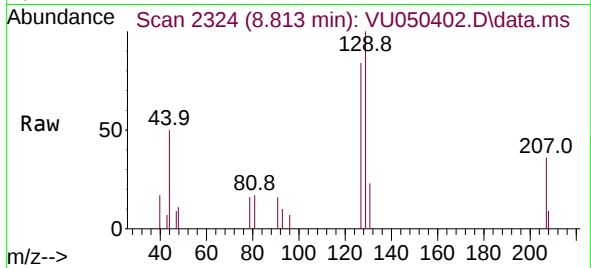




#55
Dibromochloromethane
Concen: 0.272 ug/l
RT: 8.813 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU050402.D
Acq: 22 Aug 2022 17:34

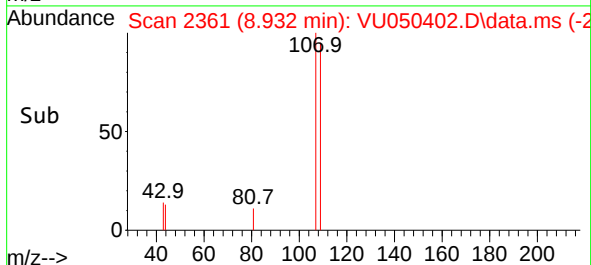
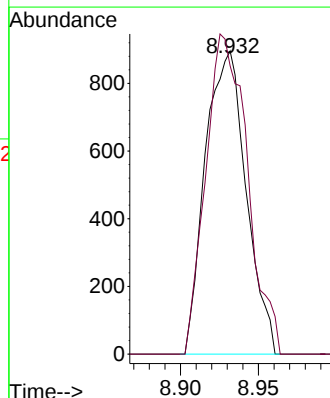
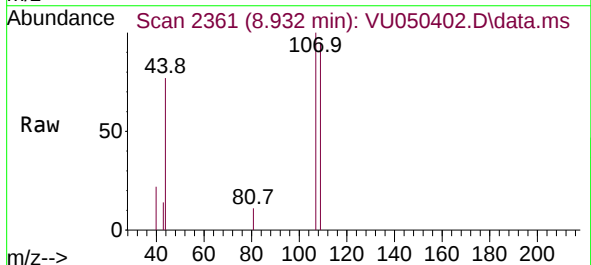
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022

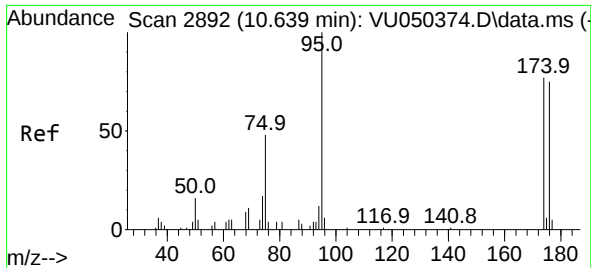
Tgt Ion:129 Resp: 2504
Ion Ratio Lower Upper
129 100
127 77.8 61.2 91.8



#56
1,2-Dibromoethane
Concen: 0.217 ug/l
RT: 8.932 min Scan# 2361
Delta R.T. 0.007 min
Lab File: VU050402.D
Acq: 22 Aug 2022 17:34

Tgt Ion:107 Resp: 1632
Ion Ratio Lower Upper
107 100
109 107.5 0.0 187.2

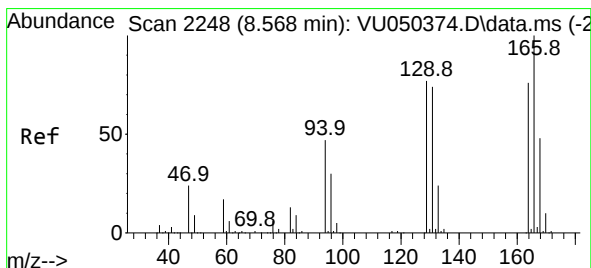
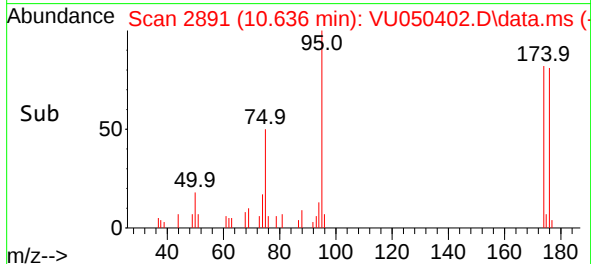
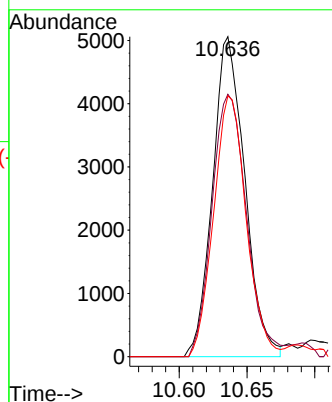
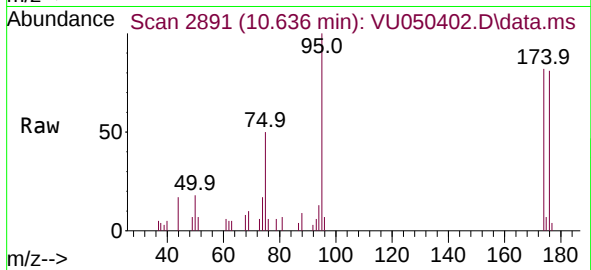




#57
4-Bromofluorobenzene
Concen: 0.768 ug/l
RT: 10.636 min Scan# 21
Delta R.T. 0.004 min
Lab File: VU050402.D
Acq: 22 Aug 2022 17:34

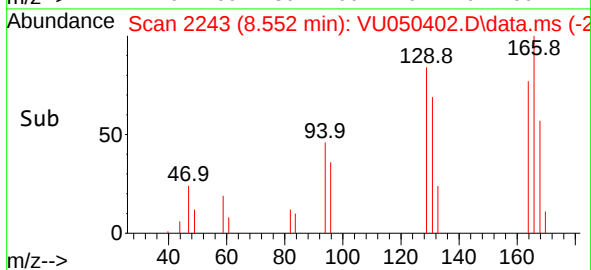
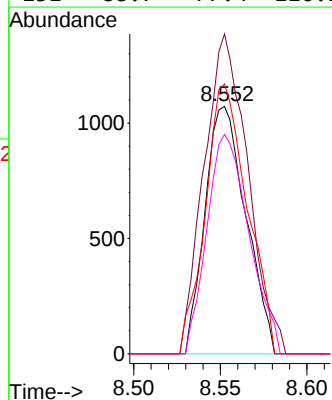
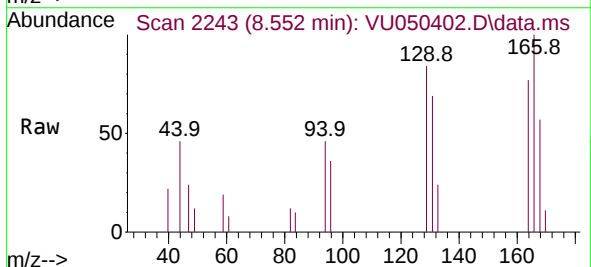
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022

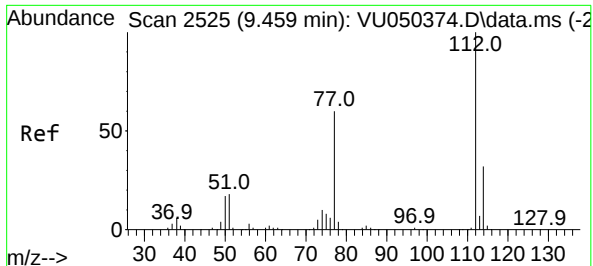
Tgt Ion: 95 Resp: 8343
Ion Ratio Lower Upper
95 100
174 88.0 62.4 93.6
176 82.6 56.2 84.2



#58
Tetrachloroethene
Concen: 0.198 ug/l
RT: 8.552 min Scan# 2243
Delta R.T. 0.000 min
Lab File: VU050402.D
Acq: 22 Aug 2022 17:34

Tgt Ion: 164 Resp: 1761
Ion Ratio Lower Upper
164 100
166 129.3 102.4 153.6
129 109.1 79.5 119.3
131 88.7 77.4 116.2





#59

Chlorobenzene

Concen: 0.213 ug/l

RT: 9.449 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU050402.D

Acq: 22 Aug 2022 17:34

Instrument :

MSVOA_U

ClientSampleId :

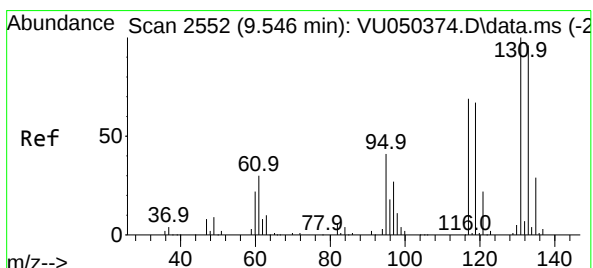
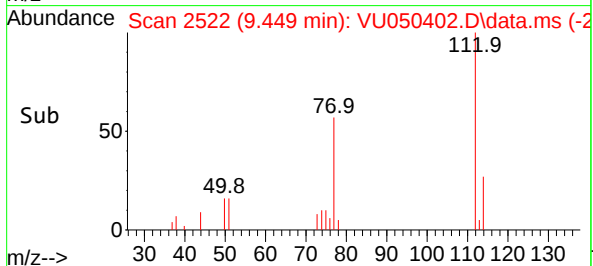
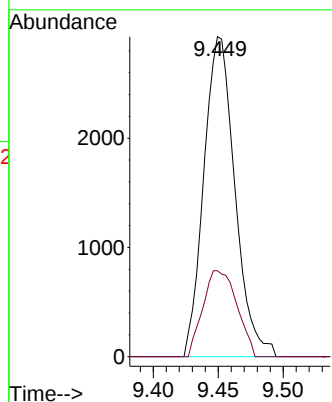
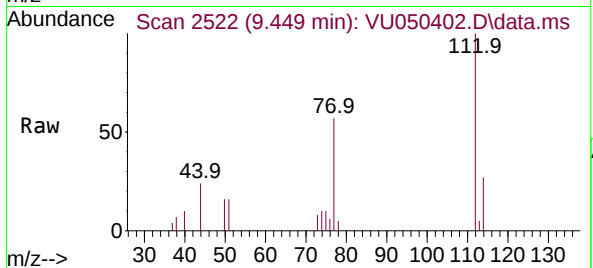
LOD-MDL-WATER-01-QT3-2022

Tgt Ion:112 Resp: 4878

Ion Ratio Lower Upper

112 100

114 26.8 24.9 37.3



#60

1,1,1,2-Tetrachloroethane

Concen: 0.265 ug/l

RT: 9.533 min Scan# 2548

Delta R.T. -0.003 min

Lab File: VU050402.D

Acq: 22 Aug 2022 17:34

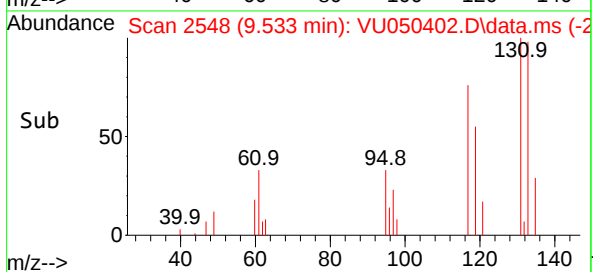
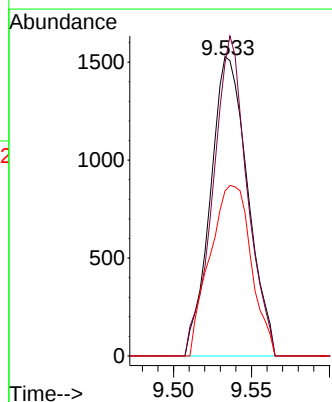
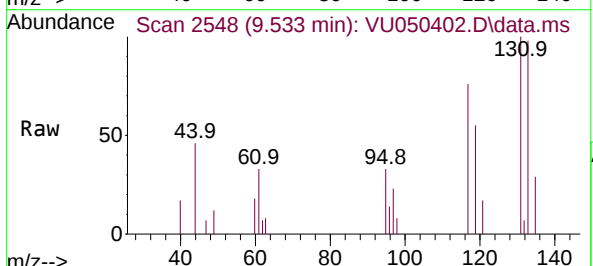
Tgt Ion:131 Resp: 2548

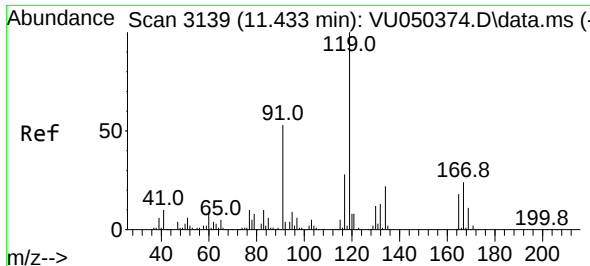
Ion Ratio Lower Upper

131 100

133 97.8 78.3 117.5

119 63.0 53.2 79.8

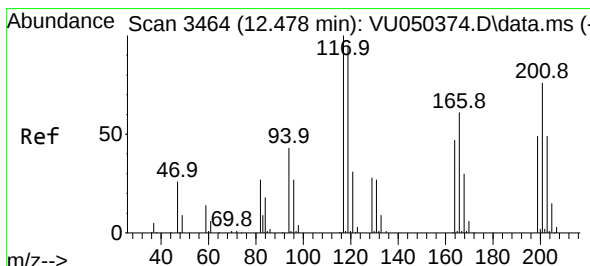
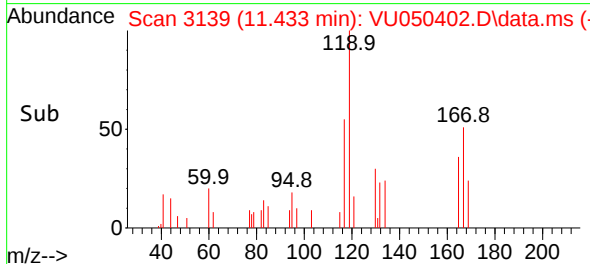
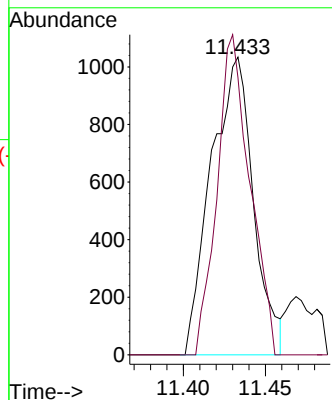
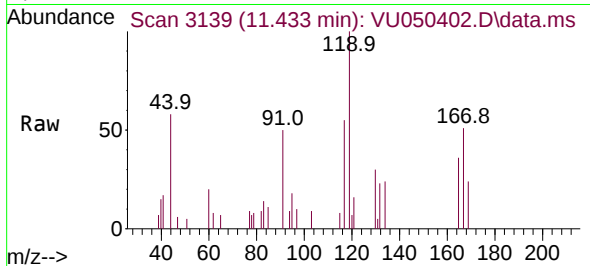




#61
 Pentachloroethane
 Concen: 0.232 ug/l
 RT: 11.433 min Scan# 3139
 Delta R.T. 0.004 min
 Lab File: VU050402.D
 Acq: 22 Aug 2022 17:34

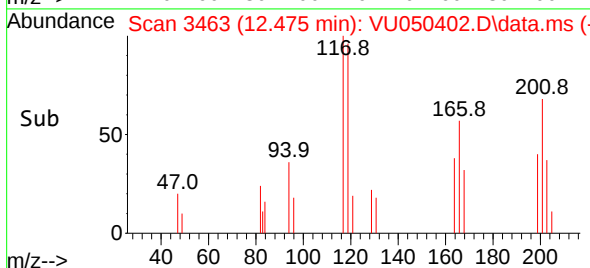
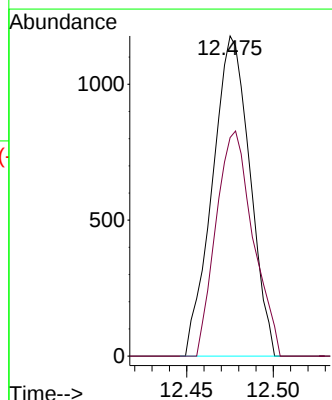
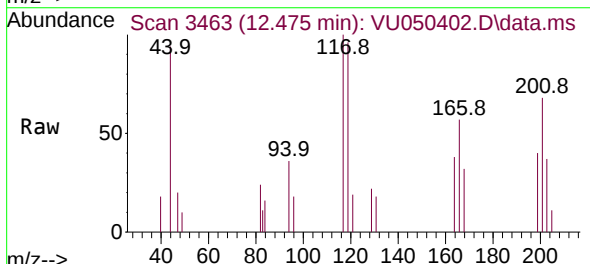
Instrument :
 MSVOA_U
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2022

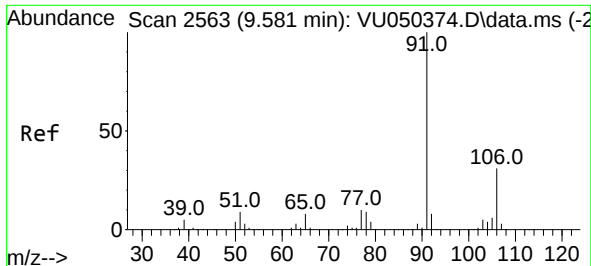
Tgt Ion:117 Resp: 1855
 Ion Ratio Lower Upper
 117 100
 167 83.2 66.2 99.4



#62
 Hexachloroethane
 Concen: 0.266 ug/l
 RT: 12.475 min Scan# 3463
 Delta R.T. 0.000 min
 Lab File: VU050402.D
 Acq: 22 Aug 2022 17:34

Tgt Ion:117 Resp: 1770
 Ion Ratio Lower Upper
 117 100
 201 69.5 61.0 91.4





#63

Ethyl Benzene

Concen: 0.185 ug/l

RT: 9.572 min Scan# 2560

Delta R.T. 0.000 min

Lab File: VU050402.D

Acq: 22 Aug 2022 17:34

Instrument :

MSVOA_U

ClientSampleId :

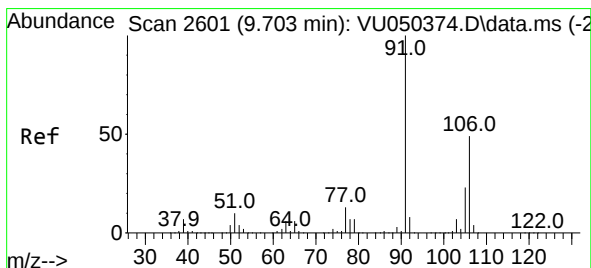
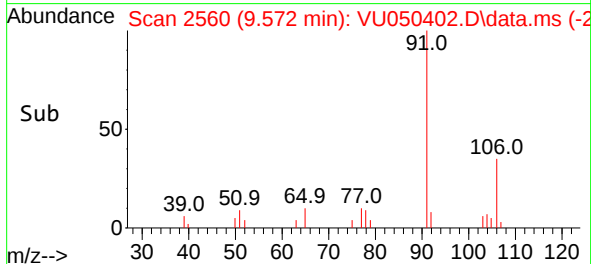
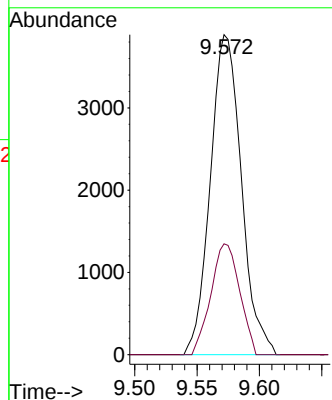
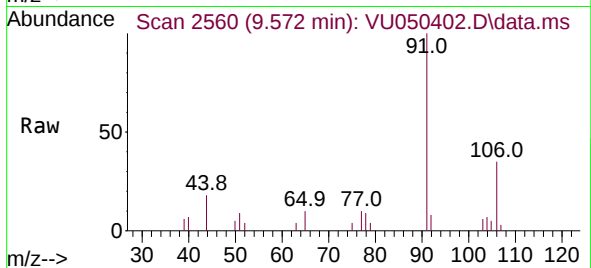
LOD-MDL-WATER-01-QT3-2022

Tgt Ion: 91 Resp: 6746

Ion Ratio Lower Upper

91 100

106 34.7 24.4 36.6



#64

m/p-Xylenes

Concen: 0.352 ug/l

RT: 9.697 min Scan# 2599

Delta R.T. 0.004 min

Lab File: VU050402.D

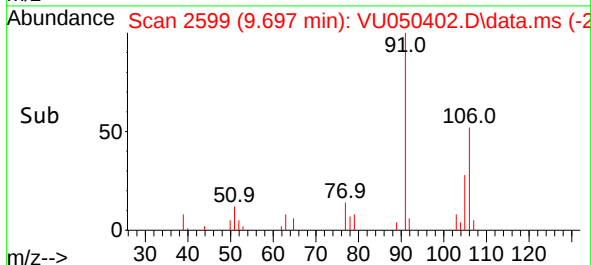
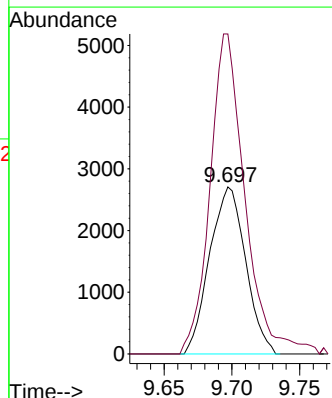
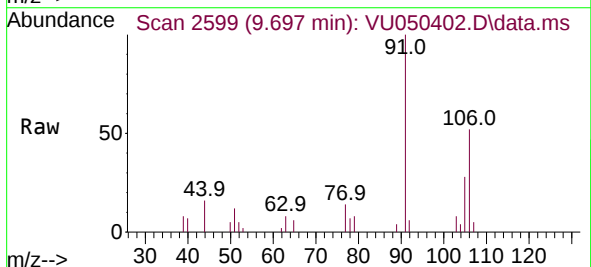
Acq: 22 Aug 2022 17:34

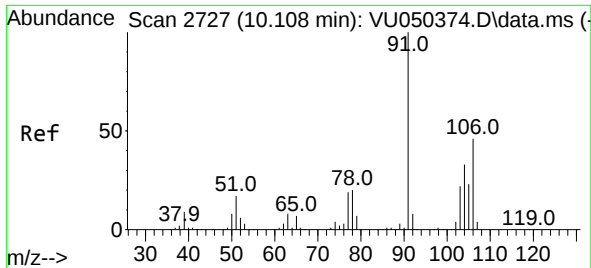
Tgt Ion: 106 Resp: 4995

Ion Ratio Lower Upper

106 100

91 186.4 167.8 251.6

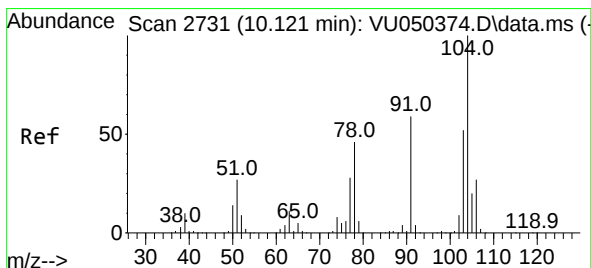
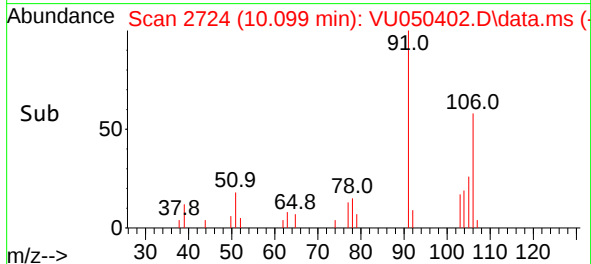
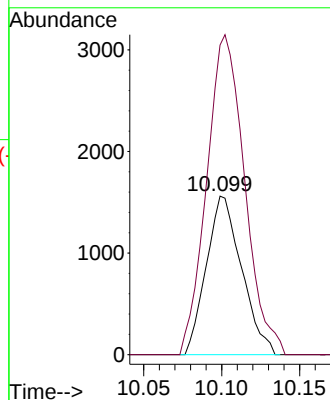
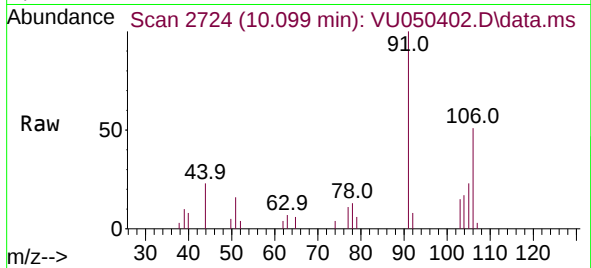




#65
o-Xylene
Concen: 0.182 ug/l
RT: 10.099 min Scan# 2724
Delta R.T. -0.003 min
Lab File: VU050402.D
Acq: 22 Aug 2022 17:34

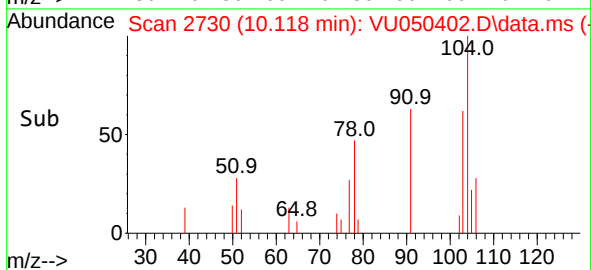
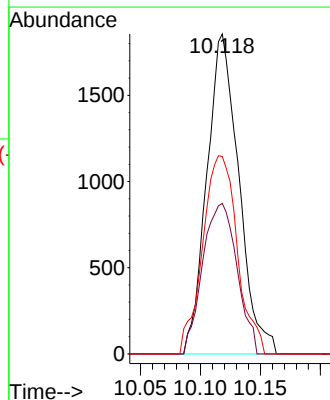
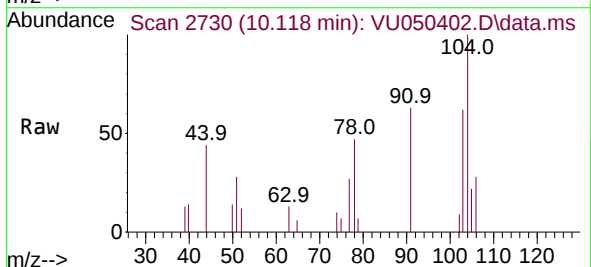
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022

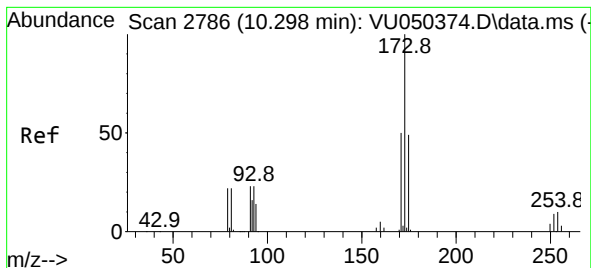
Tgt Ion:106 Resp: 2454
Ion Ratio Lower Upper
106 100
91 217.0 111.1 333.2



#66
Styrene
Concen: 0.150 ug/l
RT: 10.118 min Scan# 2730
Delta R.T. 0.004 min
Lab File: VU050402.D
Acq: 22 Aug 2022 17:34

Tgt Ion:104 Resp: 3442
Ion Ratio Lower Upper
104 100
78 50.5 42.1 63.1
103 67.1 44.5 66.7#





#67

Bromoform

Concen: 0.248 ug/l

RT: 10.295 min Scan# 21

Delta R.T. 0.004 min

Lab File: VU050402.D

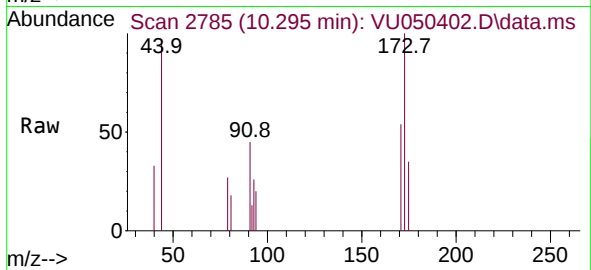
Acq: 22 Aug 2022 17:34

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT3-2022



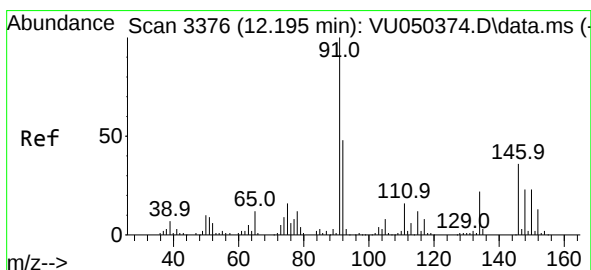
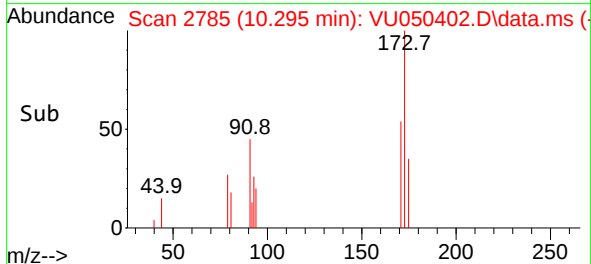
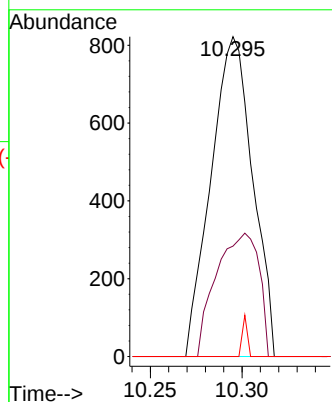
Tgt Ion:173 Resp: 1299

Ion Ratio Lower Upper

173 100

175 39.6 38.4 57.6

254 1.5 7.7 11.5#



#68

1,2-Dichlorobenzene-d4

Concen: 0.879 ug/l

RT: 12.195 min Scan# 3376

Delta R.T. 0.000 min

Lab File: VU050402.D

Acq: 22 Aug 2022 17:34

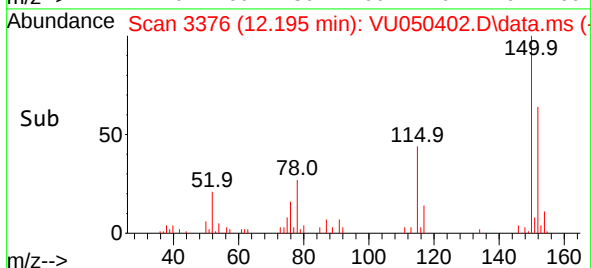
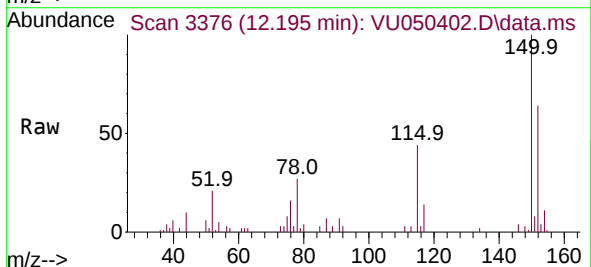
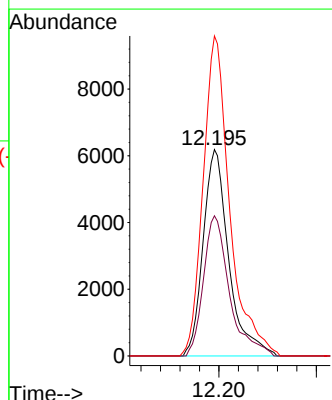
Tgt Ion:152 Resp: 11294

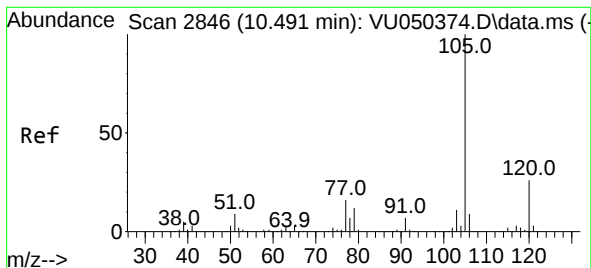
Ion Ratio Lower Upper

152 100

115 68.8 0.0 254.6

150 160.6 0.0 623.6





#69

Isopropylbenzene

Concen: 0.175 ug/l

RT: 10.485 min Scan# 2846

Delta R.T. 0.000 min

Lab File: VU050402.D

Acq: 22 Aug 2022 17:34

Instrument :

MSVOA_U

ClientSampleId :

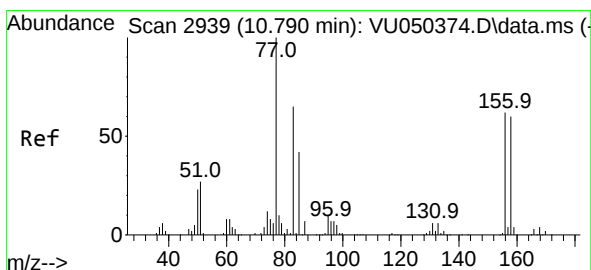
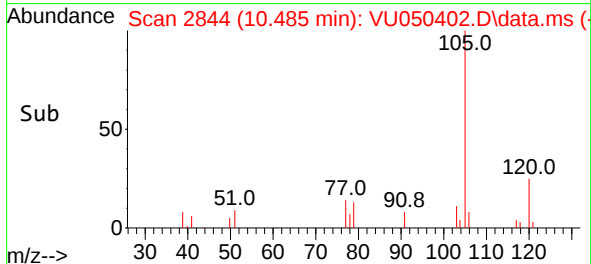
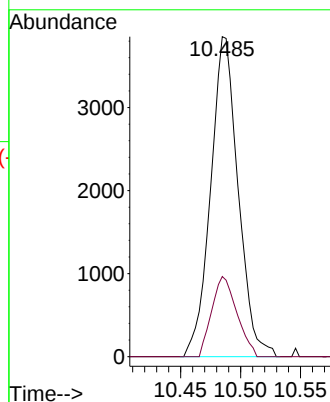
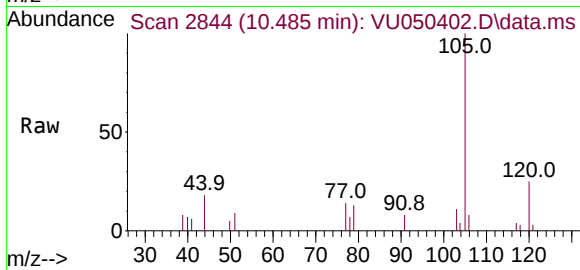
LOD-MDL-WATER-01-QT3-2022

Tgt Ion:105 Resp: 6150

Ion Ratio Lower Upper

105 100

120 22.8 12.6 37.8



#70

1,1,2,2-Tetrachloroethane

Concen: 0.261 ug/l

RT: 10.787 min Scan# 2938

Delta R.T. 0.004 min

Lab File: VU050402.D

Acq: 22 Aug 2022 17:34

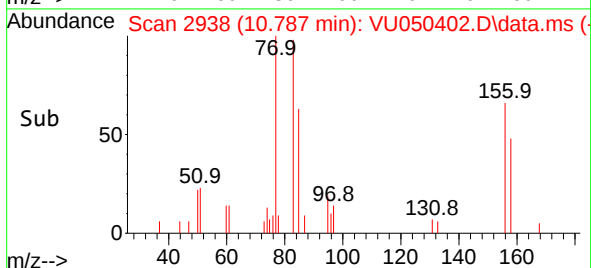
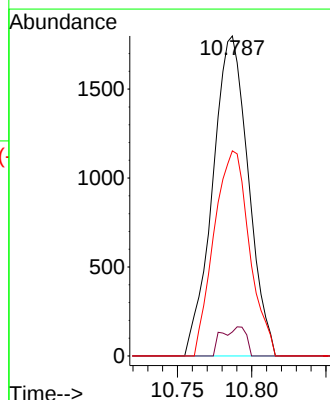
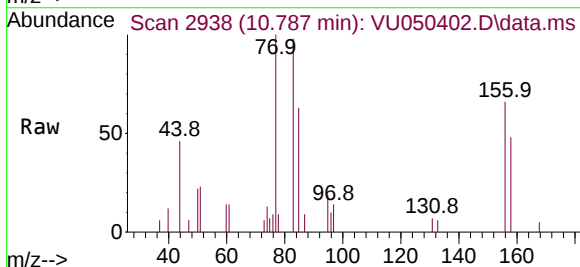
Tgt Ion: 83 Resp: 3007

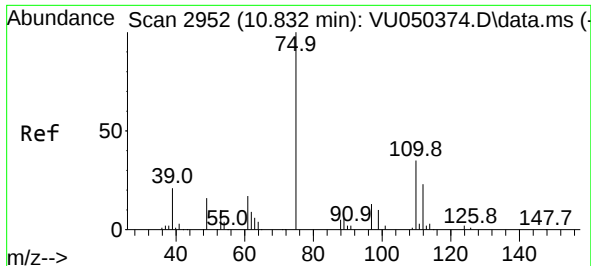
Ion Ratio Lower Upper

83 100

131 6.2 7.7 11.5#

85 63.7 51.2 76.8

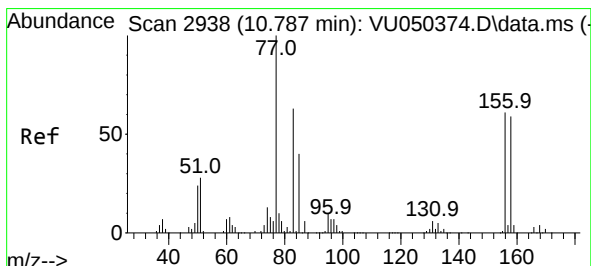
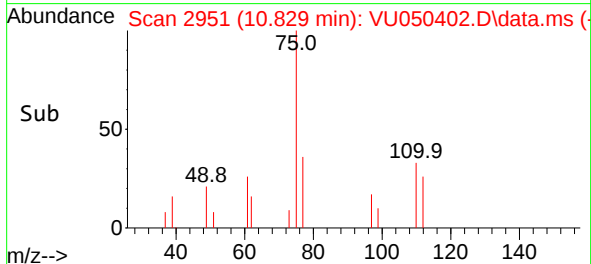
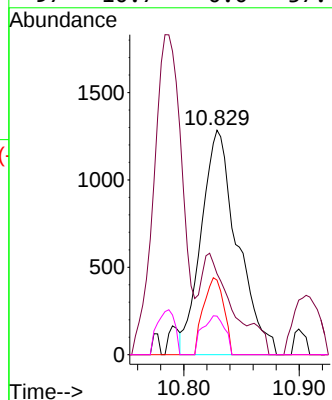
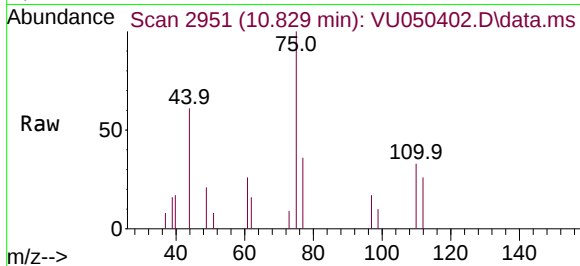




#71
1,2,3-Trichloropropane
Concen: 0.322 ug/l
RT: 10.829 min Scan# 2951
Delta R.T. 0.004 min
Lab File: VU050402.D
Acq: 22 Aug 2022 17:34

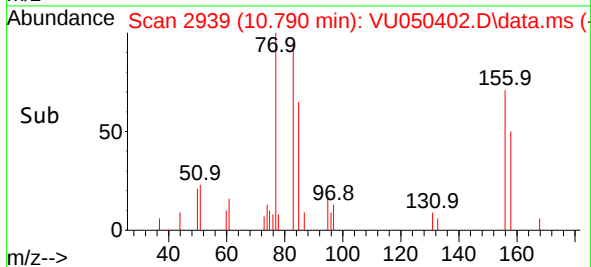
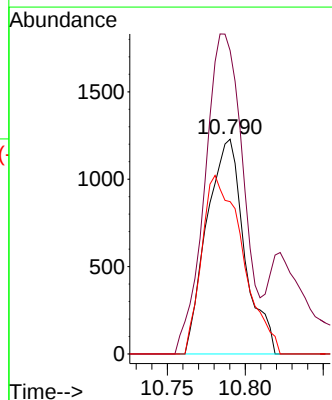
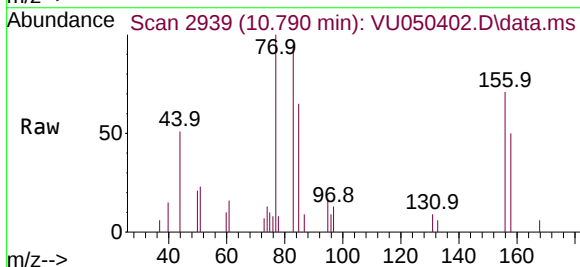
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022

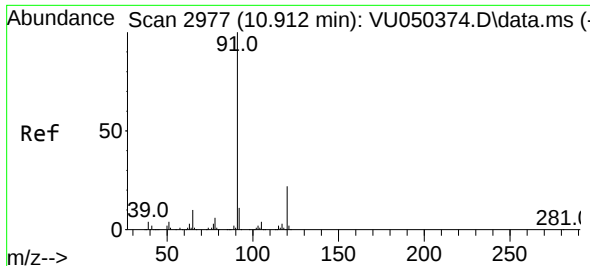
Tgt Ion:	75	Resp:	2790
Ion	Ratio	Lower	Upper
75	100		
77	22.5	0.0	112.4
110	19.2	0.0	70.6
97	10.7	0.0	37.4



#72
Bromobenzene
Concen: 0.209 ug/l
RT: 10.790 min Scan# 2939
Delta R.T. 0.007 min
Lab File: VU050402.D
Acq: 22 Aug 2022 17:34

Tgt Ion:	156	Resp:	2066
Ion	Ratio	Lower	Upper
156	100		
77	151.1	0.0	344.4
158	90.4	0.0	192.2

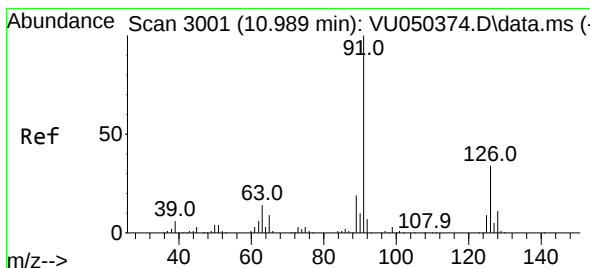
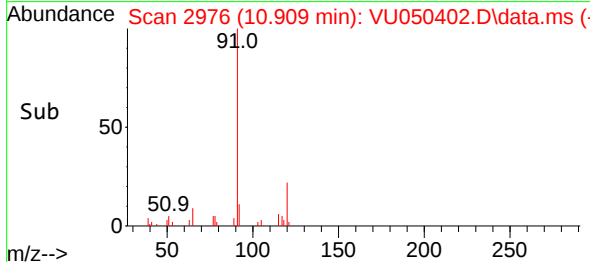
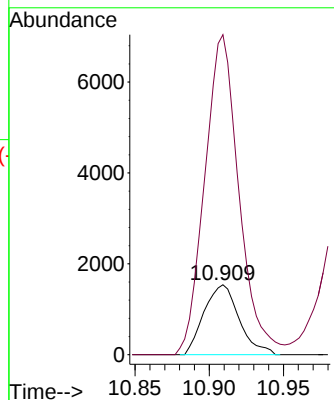
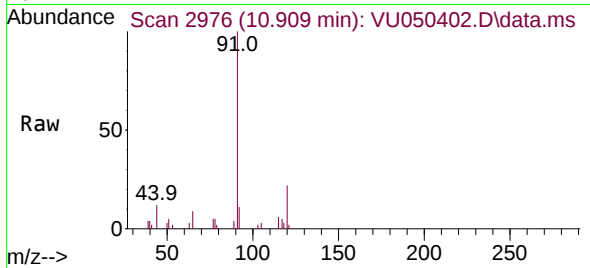




#73
n-propylbenzene
Concen: 0.265 ug/l
RT: 10.909 min Scan# 2976
Delta R.T. 0.004 min
Lab File: VU050402.D
Acq: 22 Aug 2022 17:34

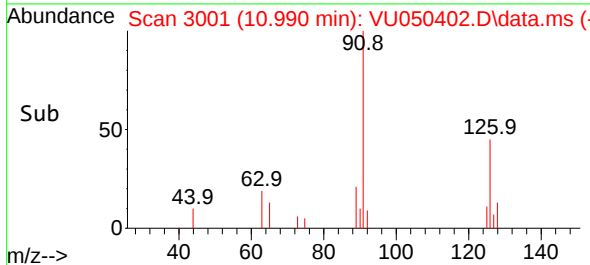
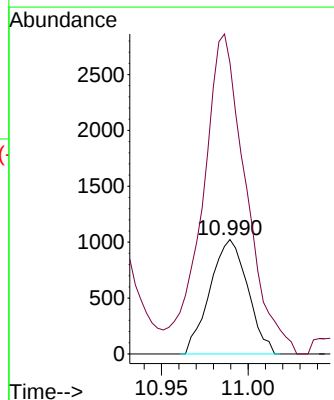
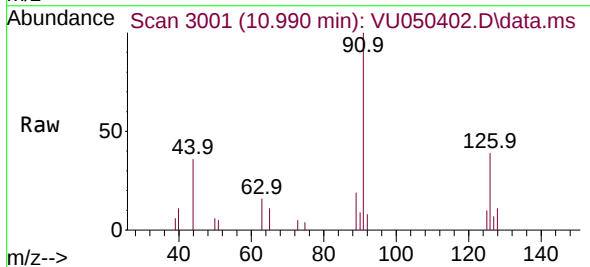
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022

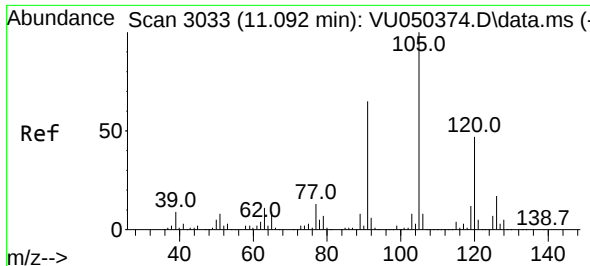
Tgt Ion:120 Resp: 2534
Ion Ratio Lower Upper
120 100
91 446.5 367.8 551.6



#74
2-Chlorotoluene
Concen: 0.167 ug/l
RT: 10.990 min Scan# 3001
Delta R.T. 0.004 min
Lab File: VU050402.D
Acq: 22 Aug 2022 17:34

Tgt Ion:126 Resp: 1550
Ion Ratio Lower Upper
126 100
91 321.5 0.0 620.6

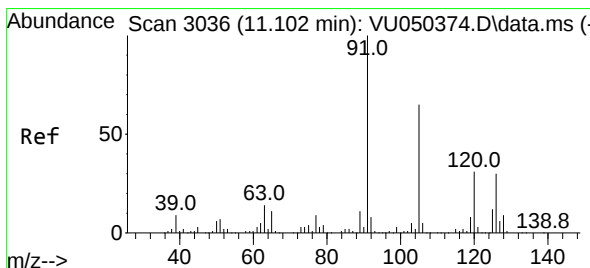
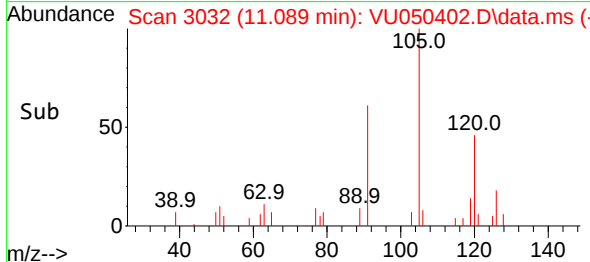
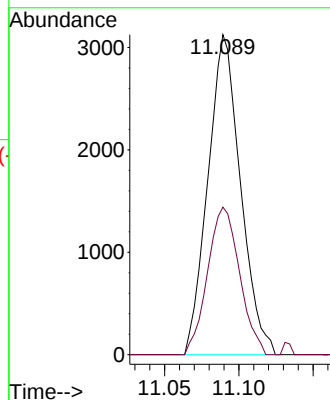
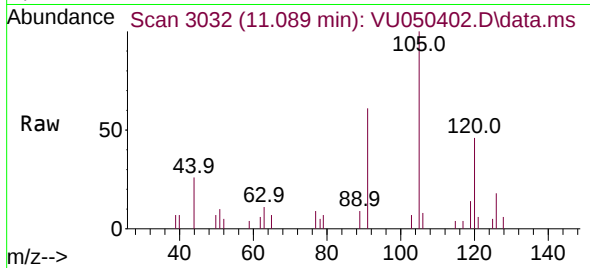




#75
1,3,5-Trimethylbenzene
Concen: 0.154 ug/l
RT: 11.089 min Scan# 3032
Delta R.T. 0.000 min
Lab File: VU050402.D
Acq: 22 Aug 2022 17:34

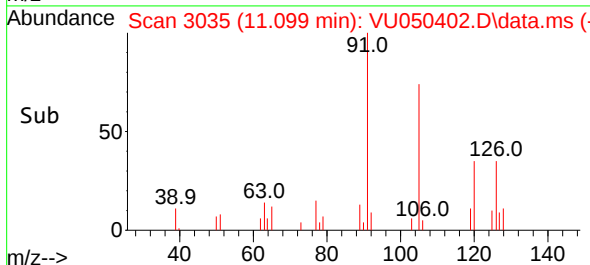
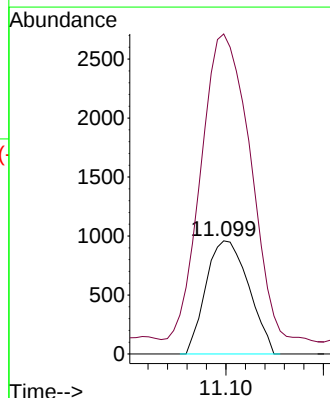
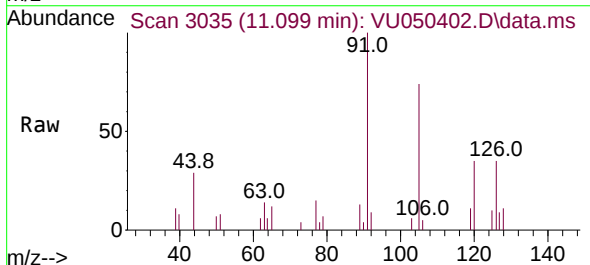
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022

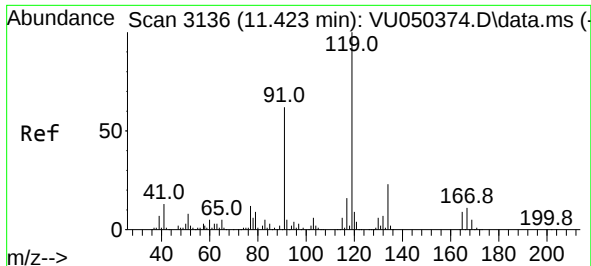
Tgt Ion:105 Resp: 4770
Ion Ratio Lower Upper
105 100
120 45.3 37.6 56.4



#76
4-Chlorotoluene
Concen: 0.154 ug/l
RT: 11.099 min Scan# 3035
Delta R.T. 0.000 min
Lab File: VU050402.D
Acq: 22 Aug 2022 17:34

Tgt Ion:126 Resp: 1463
Ion Ratio Lower Upper
126 100
91 318.7 0.0 738.8

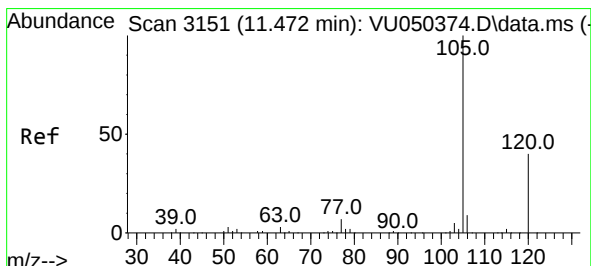
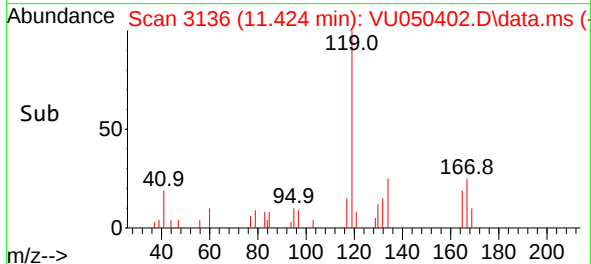
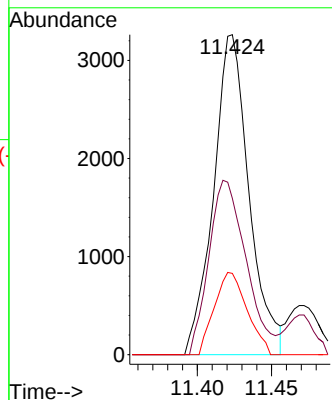
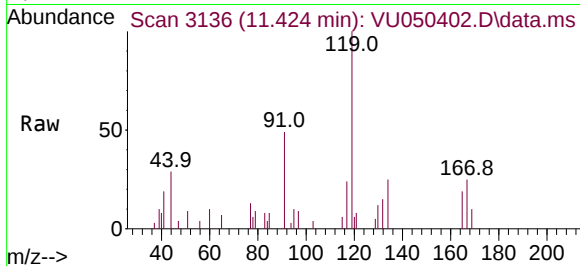




#77
tert-Butylbenzene
Concen: 0.178 ug/l
RT: 11.424 min Scan# 3136
Delta R.T. 0.004 min
Lab File: VU050402.D
Acq: 22 Aug 2022 17:34

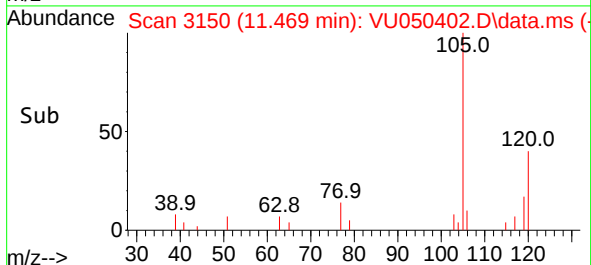
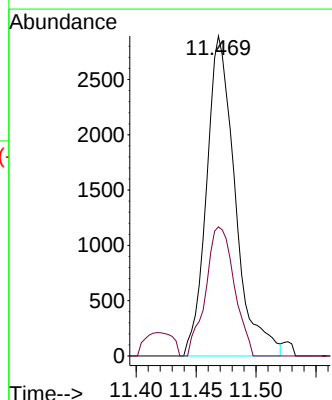
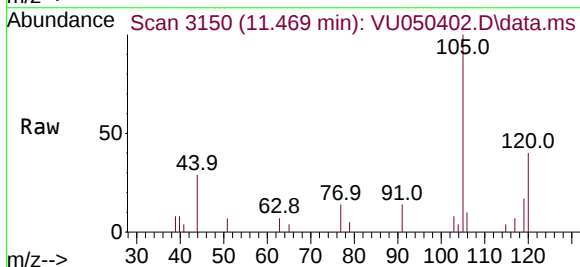
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022

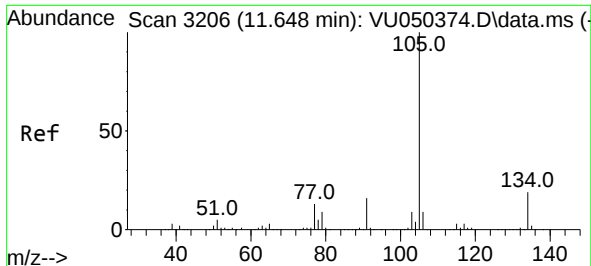
Tgt Ion:119 Resp: 5434
Ion Ratio Lower Upper
119 100
91 57.0 30.4 91.3
134 23.6 17.8 26.6



#78
1,2,4-Trimethylbenzene
Concen: 0.150 ug/l
RT: 11.469 min Scan# 3150
Delta R.T. 0.000 min
Lab File: VU050402.D
Acq: 22 Aug 2022 17:34

Tgt Ion:105 Resp: 4805
Ion Ratio Lower Upper
105 100
120 39.9 21.6 65.0





#79

sec-Butylbenzene

Concen: 0.149 ug/l

RT: 11.645 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU050402.D

Acq: 22 Aug 2022 17:34

Instrument :

MSVOA_U

ClientSampleId :

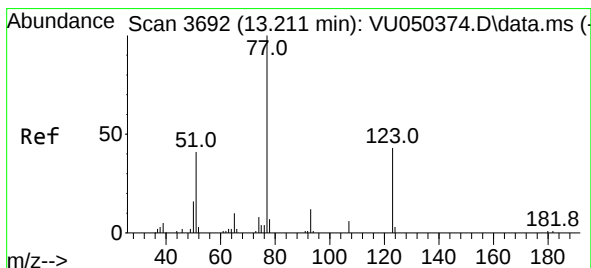
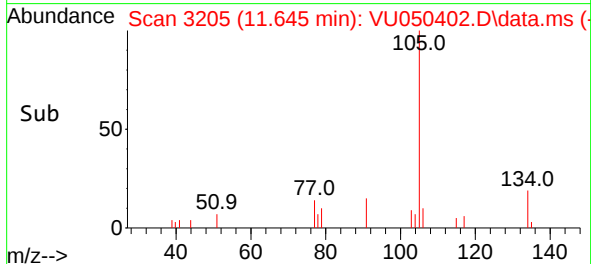
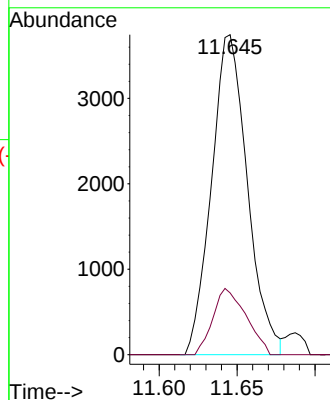
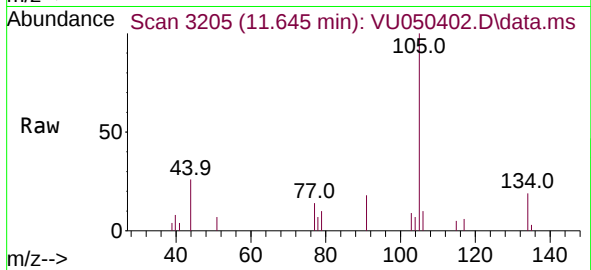
LOD-MDL-WATER-01-QT3-2022

Tgt Ion:105 Resp: 5990

Ion Ratio Lower Upper

105 100

134 19.2 15.4 23.0



#80

Nitrobenzene

Concen: 1.333 ug/l

RT: 13.224 min Scan# 3696

Delta R.T. 0.016 min

Lab File: VU050402.D

Acq: 22 Aug 2022 17:34

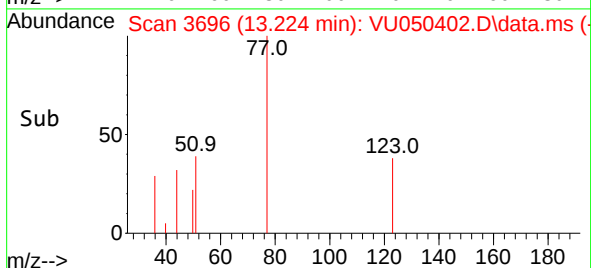
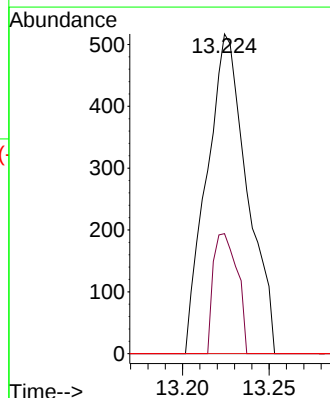
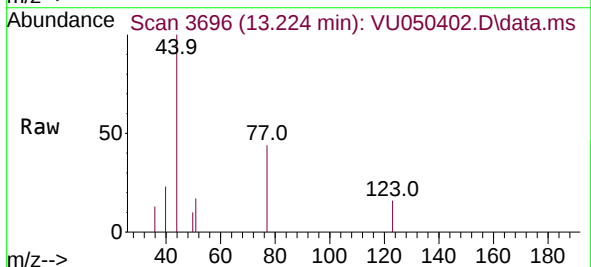
Tgt Ion: 77 Resp: 834

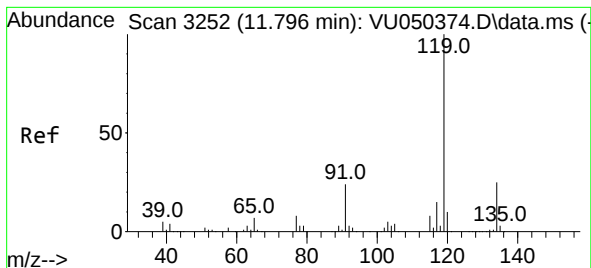
Ion Ratio Lower Upper

77 100

123 22.3 18.1 64.3

65 0.0 10.8 13.8#





#81

p-Isopropyltoluene

Concen: 0.126 ug/l

RT: 11.797 min Scan# 31

Delta R.T. 0.004 min

Lab File: VU050402.D

Acq: 22 Aug 2022 17:34

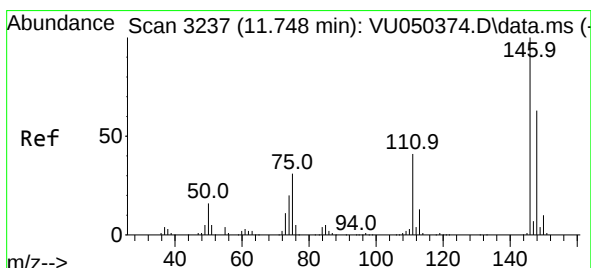
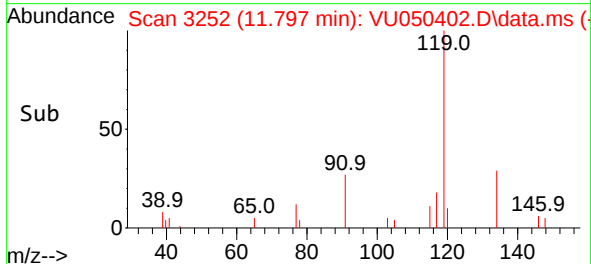
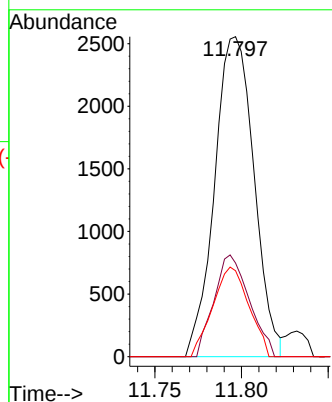
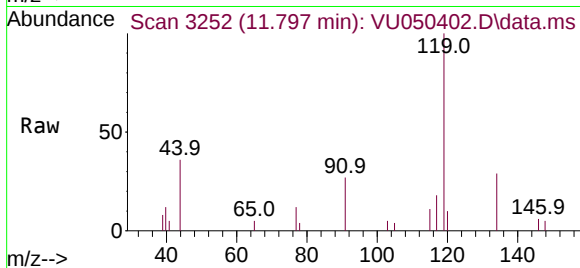
Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT3-2022

Tgt Ion:119	Resp:	4040
Ion	Ratio	Lower Upper
119	100	
134	28.5	20.5 30.7
91	25.6	19.8 29.6



#82

1,3-Dichlorobenzene

Concen: 0.188 ug/l

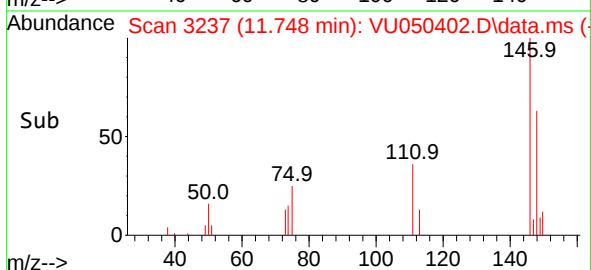
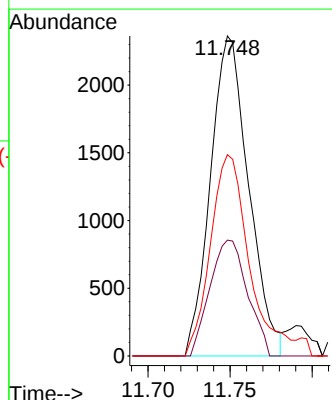
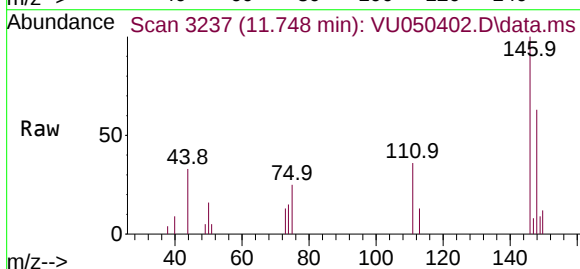
RT: 11.748 min Scan# 3237

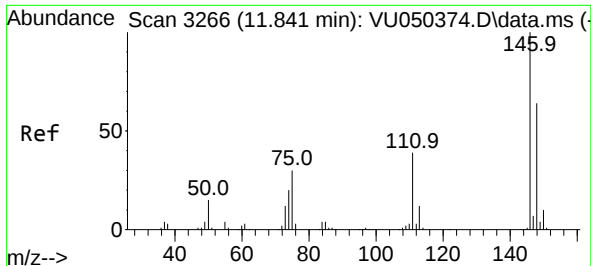
Delta R.T. 0.004 min

Lab File: VU050402.D

Acq: 22 Aug 2022 17:34

Tgt Ion:146	Resp:	3820
Ion	Ratio	Lower Upper
146	100	
111	35.6	33.4 50.2
148	65.2	51.2 76.8

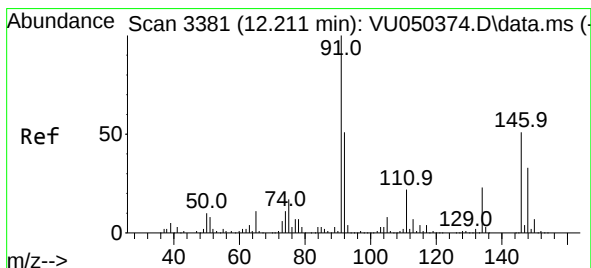
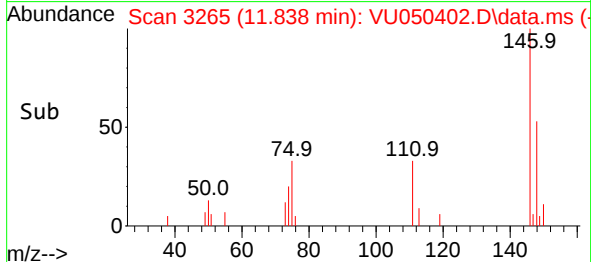
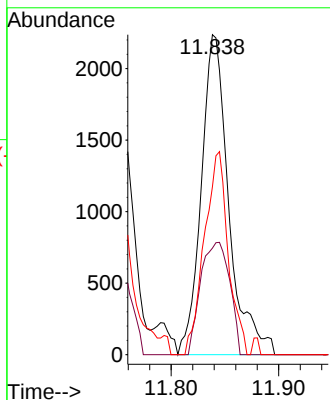
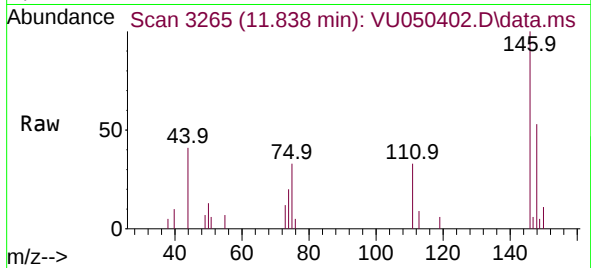




#83
1,4-Dichlorobenzene
Concen: 0.197 ug/l
RT: 11.838 min Scan# 31
Delta R.T. 0.004 min
Lab File: VU050402.D
Acq: 22 Aug 2022 17:34

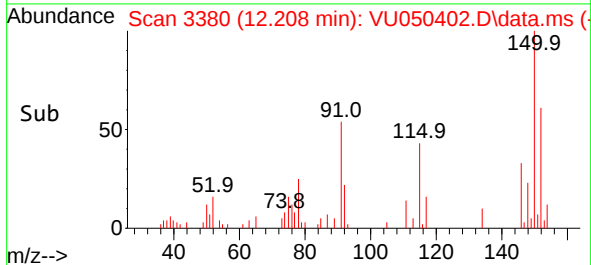
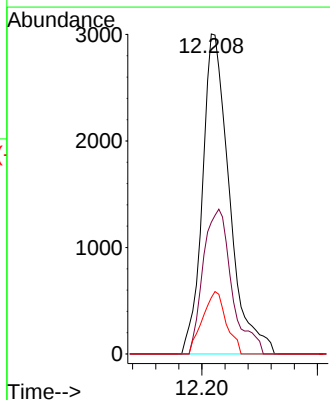
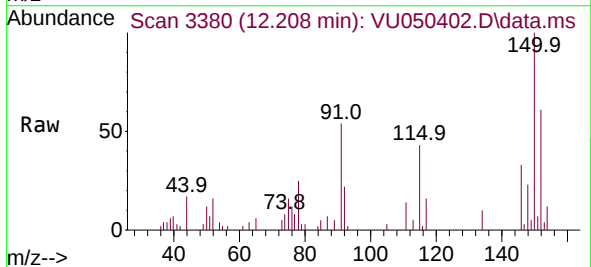
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022

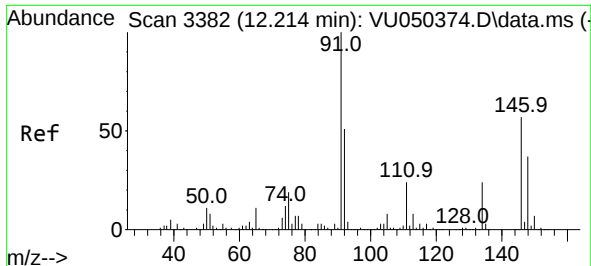
Tgt Ion:146 Resp: 3982
Ion Ratio Lower Upper
146 100
111 36.9 32.6 49.0
148 55.0 51.6 77.4



#84
n-Butylbenzene
Concen: 0.161 ug/l
RT: 12.208 min Scan# 3380
Delta R.T. -0.003 min
Lab File: VU050402.D
Acq: 22 Aug 2022 17:34

Tgt Ion: 91 Resp: 4869
Ion Ratio Lower Upper
91 100
92 47.9 42.3 63.5
134 17.0 19.6 29.4#

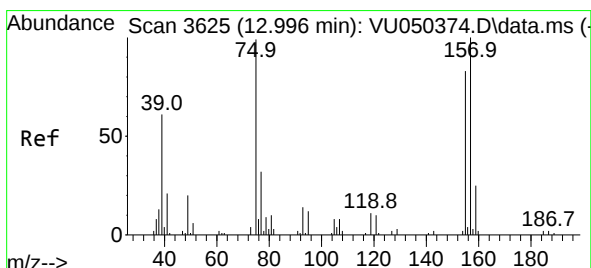
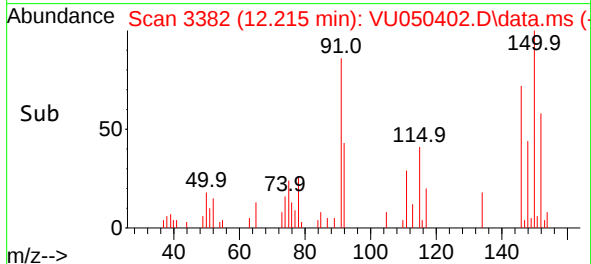
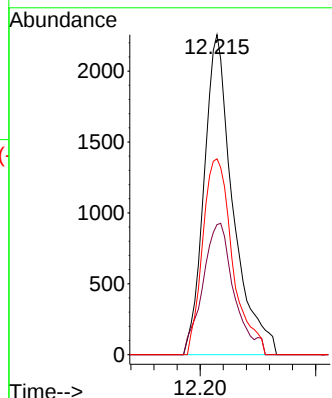
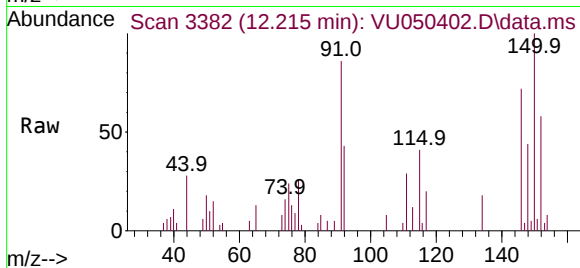




#85
1,2-Dichlorobenzene
Concen: 0.196 ug/l
RT: 12.215 min Scan# 311
Delta R.T. 0.004 min
Lab File: VU050402.D
Acq: 22 Aug 2022 17:34

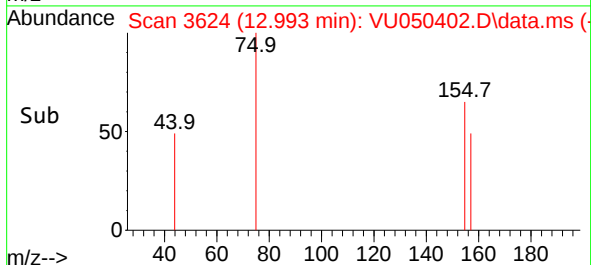
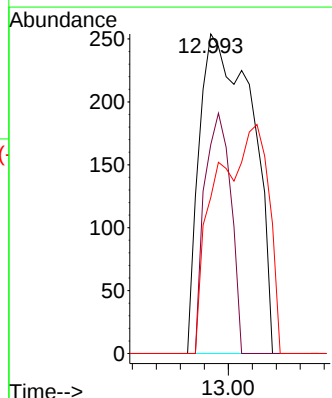
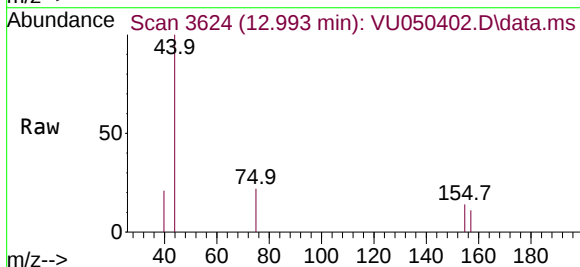
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022

Tgt Ion:	146	Resp:	3916
Ion	Ratio	Lower	Upper
146	100		
111	44.4	22.1	66.1
148	63.4	32.1	96.3



#86
1,2-Dibromo-3-Chloropropane
Concen: 0.213 ug/l
RT: 12.993 min Scan# 3624
Delta R.T. -0.003 min
Lab File: VU050402.D
Acq: 22 Aug 2022 17:34

Tgt Ion:	75	Resp:	387
Ion	Ratio	Lower	Upper
75	100		
155	37.5	66.8	100.2#
157	71.3	83.8	125.8#

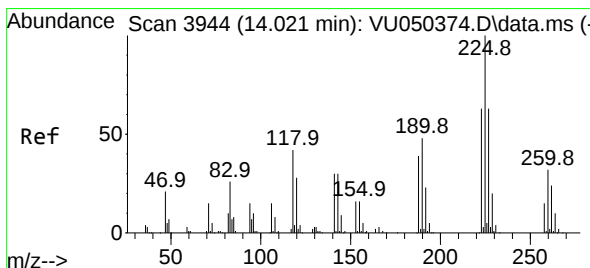
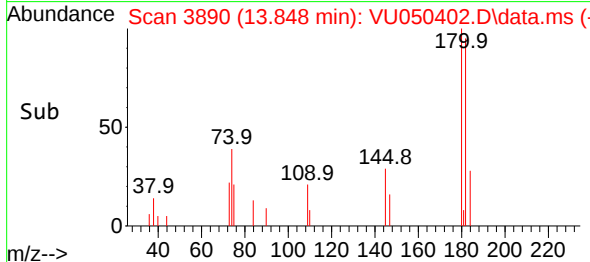
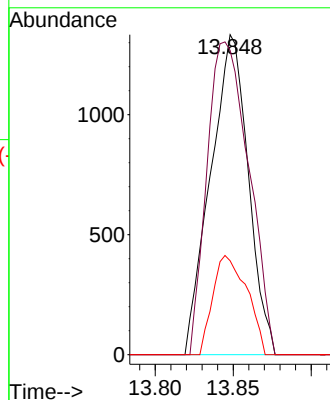
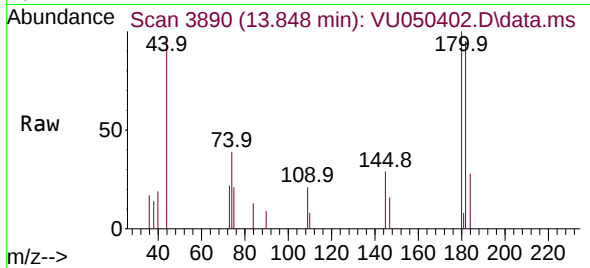




#87
1,2,4-Trichlorobenzene
Concen: 0.197 ug/l
RT: 13.848 min Scan# 3888
Delta R.T. 0.007 min
Lab File: VU050402.D
Acq: 22 Aug 2022 17:34

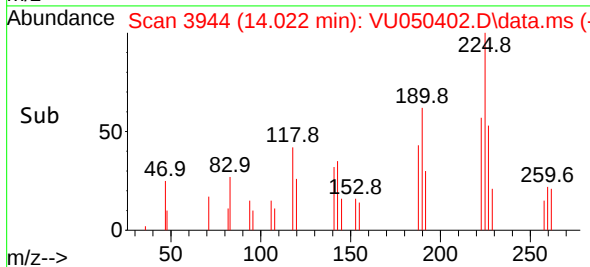
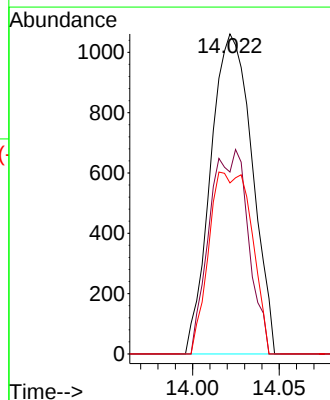
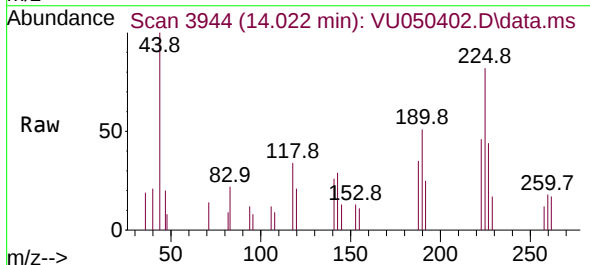
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022

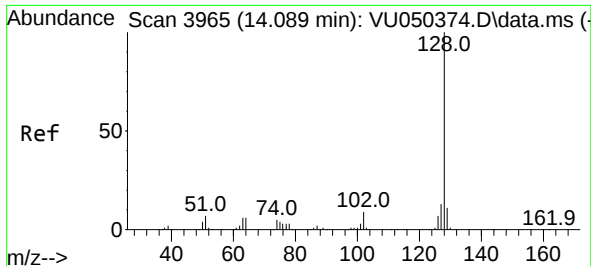
Tgt Ion:	180	Resp:	2240
Ion Ratio	Lower	Upper	
180	100		
182	108.3	77.0	115.6
145	28.0	25.7	38.5



#88
Hexachlorobutadiene
Concen: 0.238 ug/l
RT: 14.022 min Scan# 3944
Delta R.T. 0.000 min
Lab File: VU050402.D
Acq: 22 Aug 2022 17:34

Tgt Ion:	225	Resp:	1768
Ion Ratio	Lower	Upper	
225	100		
223	59.8	50.6	76.0
227	58.5	50.7	76.1

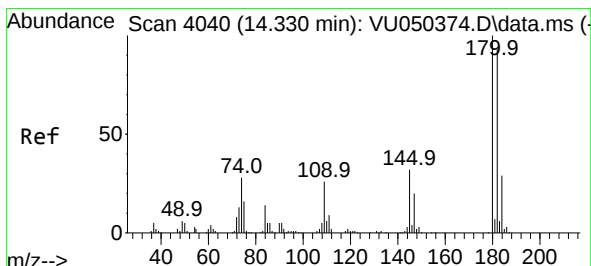
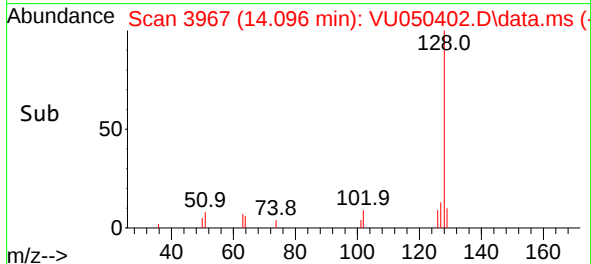
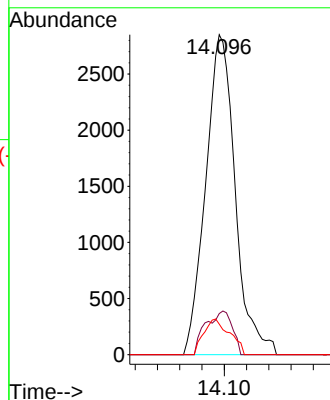
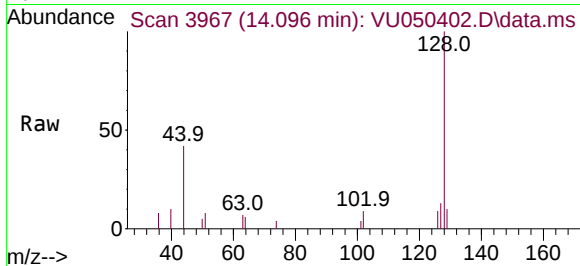




#89
Naphthalene
Concen: 0.209 ug/l
RT: 14.096 min Scan# 3966
Delta R.T. 0.007 min
Lab File: VU050402.D
Acq: 22 Aug 2022 17:34

Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022

Tgt Ion:128	Resp:	5238
Ion Ratio	Lower	Upper
128	100	
127	12.3	10.1 15.1
129	9.8	8.6 12.8



#90
1,2,3-Trichlorobenzene
Concen: 0.246 ug/l
RT: 14.333 min Scan# 4041
Delta R.T. 0.004 min
Lab File: VU050402.D
Acq: 22 Aug 2022 17:34

Tgt Ion:180	Resp:	2953
Ion Ratio	Lower	Upper
180	100	
182	107.0	76.6 114.8
145	30.5	27.3 40.9

