

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU022723\
 Data File : VU053156.D
 Acq On : 27 Feb 2023 17:18
 Operator : JC/MD
 Sample : 01627-07 0.25PPB
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2023

Quant Time: Feb 28 04:06:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U022723DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Feb 28 04:06:34 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.112	96	24830	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.633	95	9875	0.942	ug/l	0.00
Spiked Amount 1.000			Recovery	=	94.000%	
68) 1,2-Dichlorobenzene-d4	12.189	152	7658	0.922	ug/l	0.00
Spiked Amount 1.000			Recovery	=	92.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	1104	0.175	ug/l	99
3) Chloromethane	1.521	50	1293	0.199	ug/l	98
4) Vinyl Chloride	1.604	62	1151	0.166	ug/l	89
5) Bromomethane	1.858	94	837	0.213	ug/l	92
6) Chloroethane	1.936	64	952	0.227	ug/l	98
7) Trichlorofluoromethane	2.141	101	1783	0.179	ug/l	93
8) 1,1,2-Trichloro-1,2,2-...	2.585	101	1247	0.200	ug/l #	69
9) 1,1-Dichloroethene	2.585	96	1005	0.186	ug/l	81
10) Iodomethane	2.723	142	899	0.162	ug/l #	75
11) Allyl Chloride	2.875	41	253	0.030	ug/l	90
12) Acrylonitrile	3.318	53	507	0.366	ug/l #	29
13) Acetone	2.646	43	2069	1.046	ug/l	90
14) Carbon Disulfide	2.794	76	2615	0.211	ug/l #	89
15) Methylene Chloride	3.048	84	3258	0.422	ug/l	90
16) trans-1,2-Dichloroethene	3.357	96	1044	0.176	ug/l #	84
17) 1,1-Dichloroethane	3.862	63	2384	0.183	ug/l #	84
18) 2-Butanone	4.720	43	963	0.405	ug/l	87
19) Cyclohexane	5.379	56	1750	0.169	ug/l #	81
20) Methylcyclohexane	6.759	83	1831	0.184	ug/l	92
21) 2,2-Dichloropropane	4.665	77	2592	0.228	ug/l #	75
22) cis-1,2-Dichloroethene	4.665	96	1403	0.191	ug/l	88
23) Diethyl Ether	2.376	59	836	0.189	ug/l #	85
24) tert-Butyl Alcohol	3.190	59	272	0.524	ug/l #	88
25) Methyl tert-Butyl Ether	3.363	73	2913	0.185	ug/l #	79
26) Bromochloromethane	4.977	128	522	0.184	ug/l #	48
27) Chloroform	5.090	83	2601	0.194	ug/l	100
28) 1,1,1-Trichloroethane	5.315	97	2300	0.204	ug/l	90
29) 1,1-Dichloropropene	5.524	75	1483	0.176	ug/l #	91
30) Carbon Tetrachloride	5.518	117	1367	0.176	ug/l #	86
31) Isopropyl Ether	3.993	45	3705	0.179	ug/l	87
32) Ethyl-t-butyl ether	4.511	59	3388	0.172	ug/l	88
33) Tert-Amyl methyl ether	5.945	73	2794	0.179	ug/l #	93
34) Propionitrile	4.797	54	546	0.988	ug/l #	60
35) Benzene	5.775	78	4748	0.191	ug/l	94
36) 1,2-Dichloroethane	5.797	62	1451	0.195	ug/l #	76
37) Trichloroethene	6.540	130	1047	0.183	ug/l	93
38) 1,2-Dichloropropane	6.791	63	1309	0.182	ug/l #	85
39) Methacrylonitrile	4.987	41	494	0.210	ug/l #	29
40) Methyl acrylate	4.852	55	433	0.119	ug/l #	68
41) Tetrahydrofuran	5.061	42	562	0.486	ug/l #	70
42) 1-Chlorobutane	5.456	56	2649	0.226	ug/l	78
43) Dibromomethane	6.919	93	544	0.171	ug/l	85
44) Bromodichloromethane	7.106	83	1531	0.175	ug/l #	82

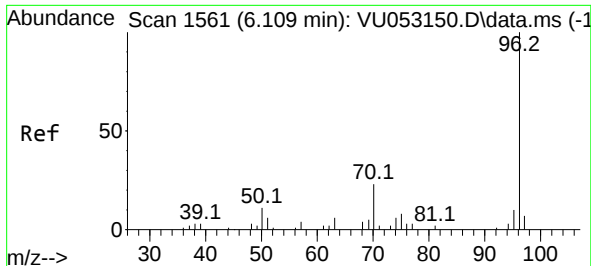
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.800	43	4297	1.104	ug/l	93
46) t-1,4-Dichloro-2-butene	10.820	75	1063	0.542	ug/l #	24
47) Methyl methacrylate	6.971	69	1269	0.387	ug/l #	87
48) Ethyl methacrylate	8.334	69	1266	0.188	ug/l	92
49) Toluene	7.964	92	2854	0.186	ug/l	99
50) t-1,3-Dichloropropene	8.215	75	1553	0.183	ug/l	97
51) cis-1,3-Dichloropropene	7.614	75	2026	0.197	ug/l	96
52) 1,1,2-Trichloroethane	8.398	97	931	0.199	ug/l	98
53) 1,3-Dichloropropane	8.575	76	1657	0.197	ug/l	98
54) 2-Hexanone	8.691	43	3503	1.056	ug/l	86
55) Dibromochloromethane	8.813	129	920	0.172	ug/l	87
56) 1,2-Dibromoethane	8.926	107	744	0.179	ug/l	99
58) Tetrachloroethene	8.553	164	902	0.198	ug/l	90
59) Chlorobenzene	9.450	112	3396	0.198	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.533	131	1095	0.193	ug/l	96
61) Pentachloroethane	11.421	117	829	0.169	ug/l	86
62) Hexachloroethane	12.466	117	840	0.155	ug/l #	75
63) Ethyl Benzene	9.566	91	5768	0.182	ug/l	98
64) m/p-Xylenes	9.691	106	3999	0.349	ug/l	88
65) o-Xylene	10.096	106	2108	0.180	ug/l	92
66) Styrene	10.112	104	3597	0.194	ug/l	92
67) Bromoform	10.289	173	398	0.153	ug/l #	77
69) Isopropylbenzene	10.482	105	5789	0.185	ug/l	98
70) 1,1,2,2-Tetrachloroethane	10.775	83	616	0.098	ug/l #	29
71) 1,2,3-Trichloropropane	10.820	75	1063	0.196	ug/l #	90
72) Bromobenzene	10.781	156	1089	0.179	ug/l	87
73) n-propylbenzene	10.903	120	1353	0.163	ug/l	72
74) 2-Chlorotoluene	10.987	126	1231	0.179	ug/l	86
75) 1,3,5-Trimethylbenzene	11.086	105	4647	0.178	ug/l	93
76) 4-Chlorotoluene	11.099	126	1518	0.210	ug/l	96
77) tert-Butylbenzene	11.418	119	4640	0.181	ug/l	98
78) 1,2,4-Trimethylbenzene	11.466	105	5121	0.192	ug/l	97
79) sec-Butylbenzene	11.639	105	6606	0.186	ug/l	93
80) Nitrobenzene	13.209	77	87	0.264	ug/l #	44
81) p-Isopropyltoluene	11.791	119	4986	0.177	ug/l	98
82) 1,3-Dichlorobenzene	11.746	146	3012	0.225	ug/l	89
83) 1,4-Dichlorobenzene	11.836	146	2912	0.213	ug/l	95
84) n-Butylbenzene	12.209	91	6201	0.213	ug/l	97
85) 1,2-Dichlorobenzene	12.209	146	2526	0.198	ug/l	99
86) 1,2-Dibromo-3-Chloropr...	12.996	75	71	0.071	ug/l #	51
87) 1,2,4-Trichlorobenzene	13.835	180	1993	0.255	ug/l	88
88) Hexachlorobutadiene	14.019	225	761	0.199	ug/l #	91
89) Naphthalene	14.089	128	4869	0.293	ug/l #	87
90) 1,2,3-Trichlorobenzene	14.334	180	1723	0.250	ug/l	97

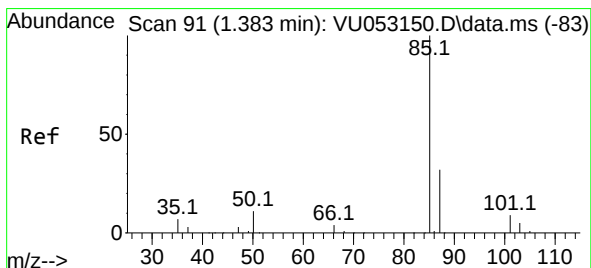
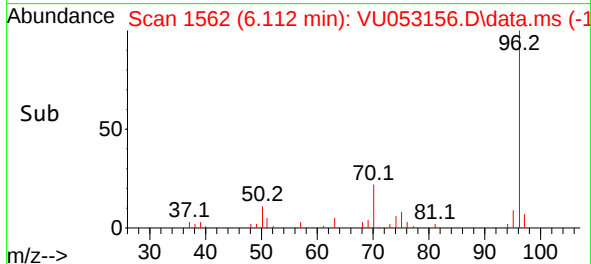
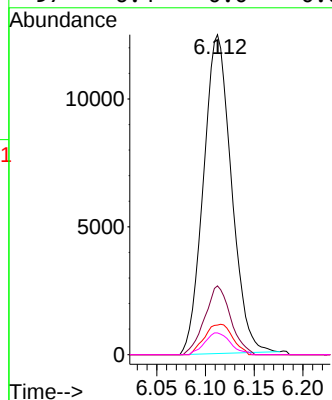
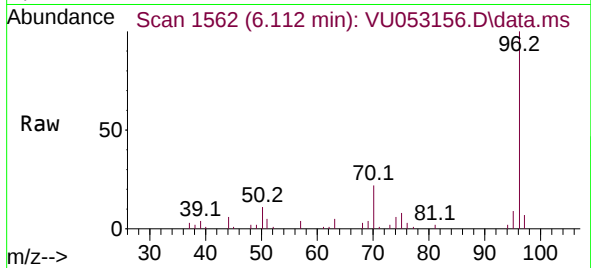
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.112 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU053156.D
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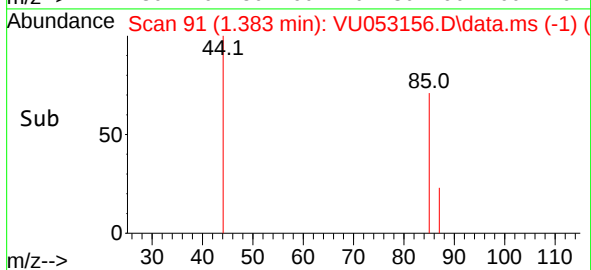
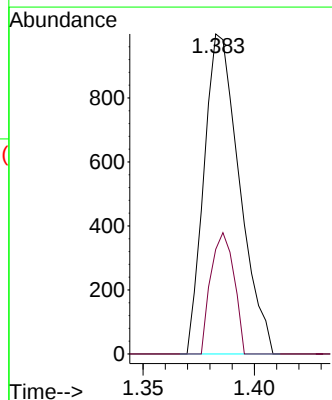
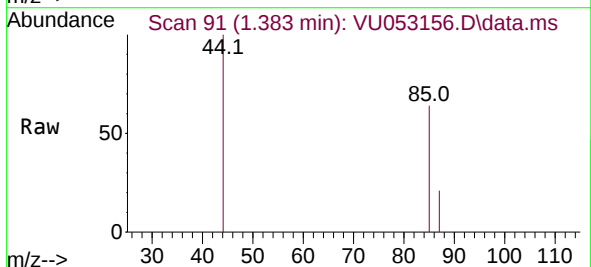
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

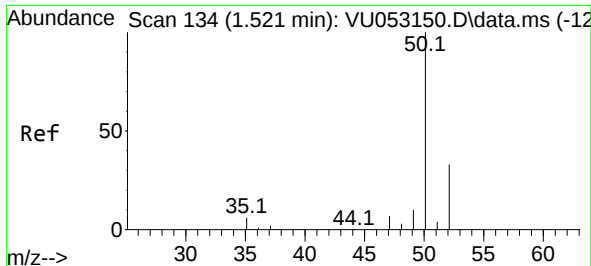
Tgt Ion:	96	Resp:	24830
Ion Ratio	Lower	Upper	
96	100		
70	20.1	15.5	23.3
95	9.6	7.0	10.6
97	6.4	0.0	0.0



#2
Dichlorodifluoromethane
Concen: 0.175 ug/l
RT: 1.383 min Scan# 91
Delta R.T. -0.000 min
Lab File: VU053156.D
Acq: 27 Feb 2023 17:18

Tgt Ion:	85	Resp:	1104
Ion Ratio	Lower	Upper	
85	100		
87	32.7	16.1	48.2





#3

Chloromethane

Concen: 0.199 ug/l

RT: 1.521 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU053156.D

Acq: 27 Feb 2023 17:18

Instrument :

MSVOA_U

ClientSampleId :

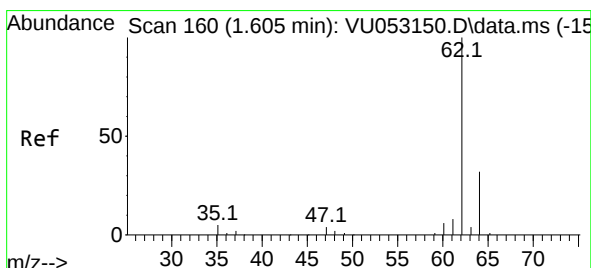
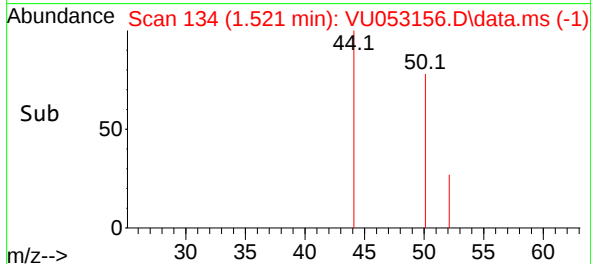
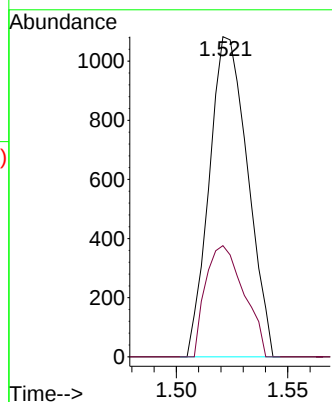
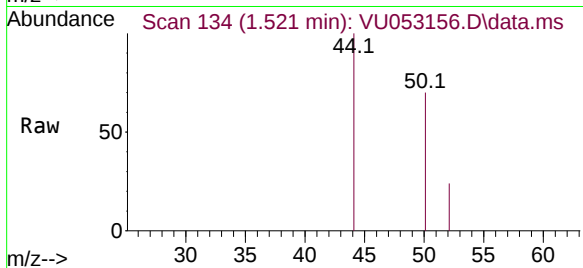
LOD-MDL-WATER-01-QT1-2023

Tgt Ion: 50 Resp: 1293

Ion Ratio Lower Upper

50 100

52 34.7 26.7 40.1



#4

Vinyl Chloride

Concen: 0.166 ug/l

RT: 1.604 min Scan# 160

Delta R.T. -0.000 min

Lab File: VU053156.D

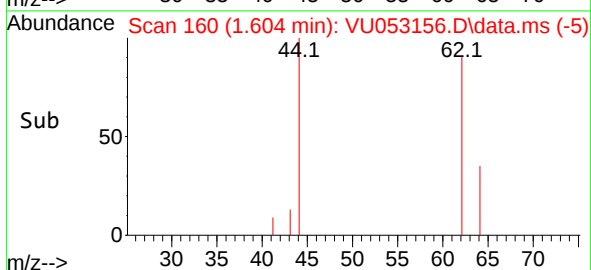
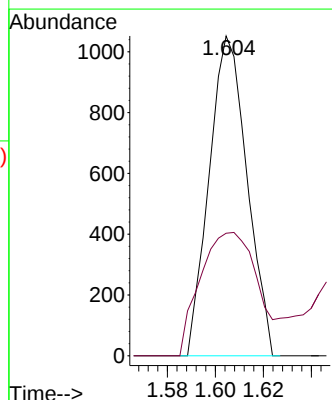
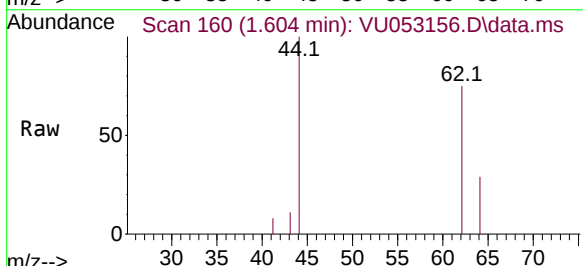
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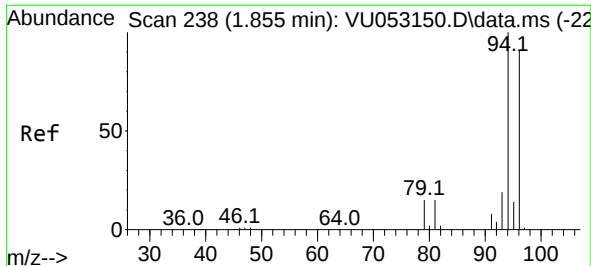
Tgt Ion: 62 Resp: 1151

Ion Ratio Lower Upper

62 100

64 38.3 25.8 38.6

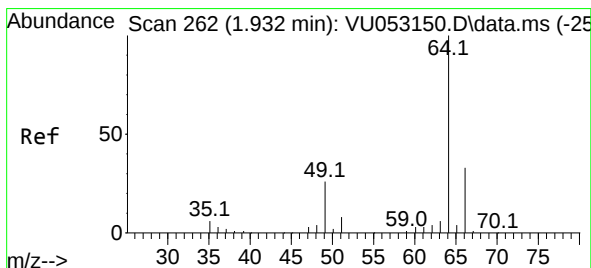
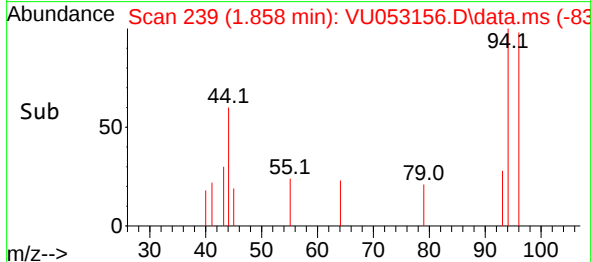
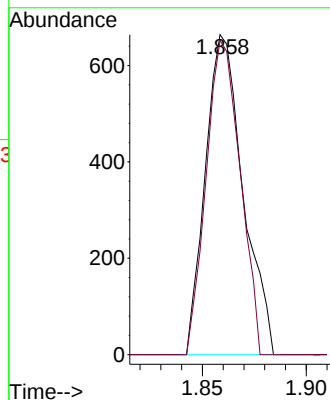
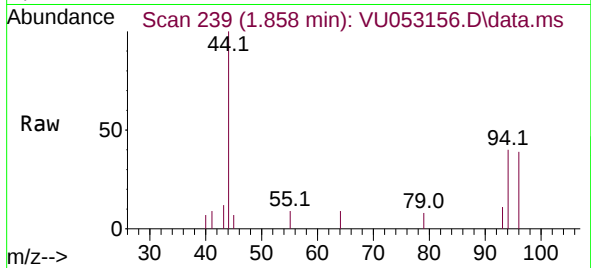




#5
Bromomethane
Concen: 0.213 ug/l
RT: 1.858 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU053156.D
Acq: 27 Feb 2023 17:18

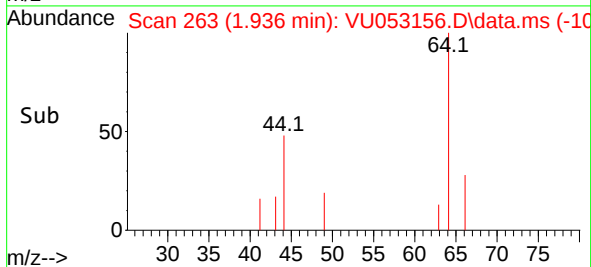
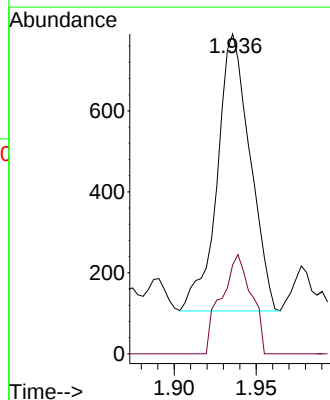
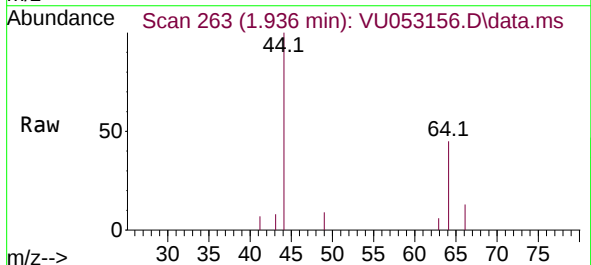
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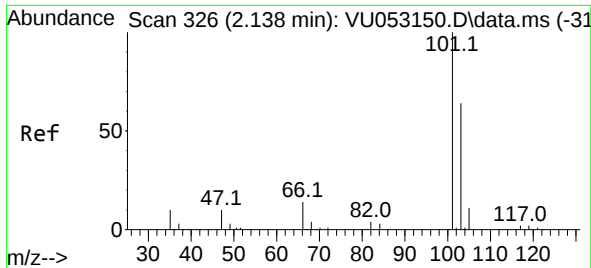
Tgt Ion: 94 Resp: 837
Ion Ratio Lower Upper
94 100
96 98.2 72.6 108.8



#6
Chloroethane
Concen: 0.227 ug/l
RT: 1.936 min Scan# 263
Delta R.T. 0.003 min
Lab File: VU053156.D
Acq: 27 Feb 2023 17:18

Tgt Ion: 64 Resp: 952
Ion Ratio Lower Upper
64 100
66 32.2 26.8 40.2

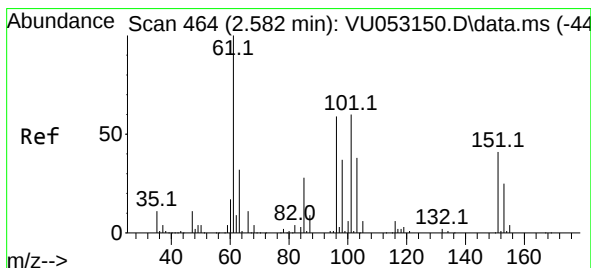
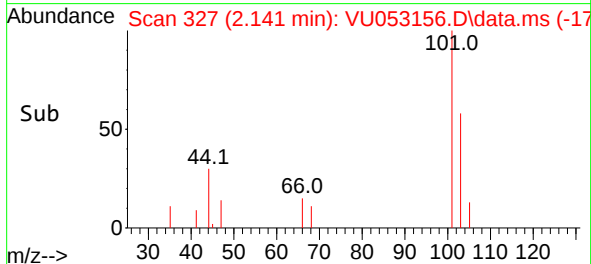
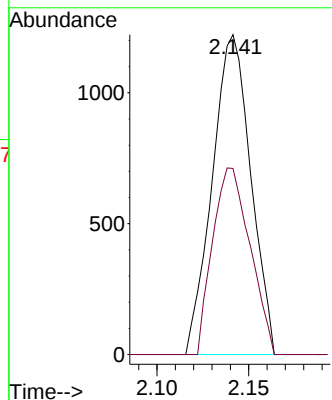
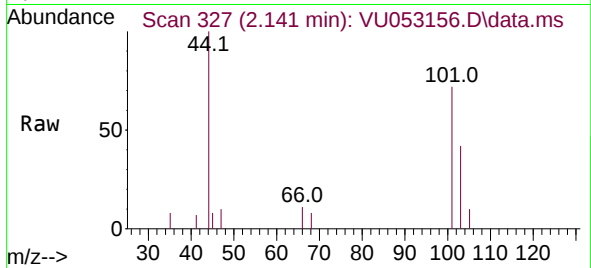




#7
Trichlorofluoromethane
Concen: 0.179 ug/l
RT: 2.141 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU053156.D
Acq: 27 Feb 2023 17:18

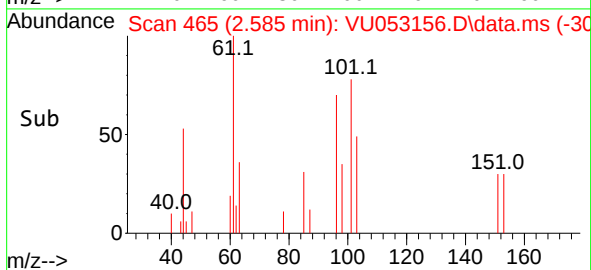
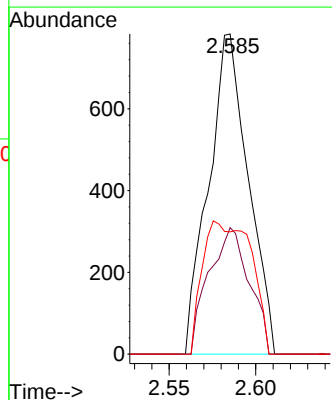
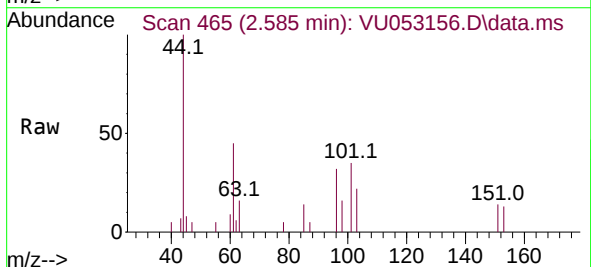
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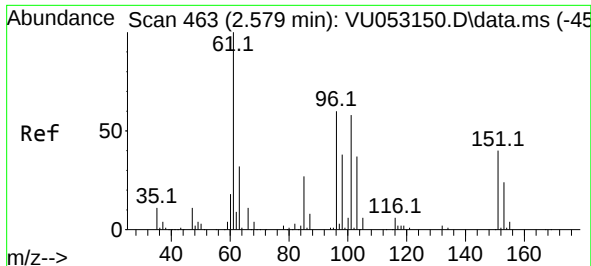
Tgt Ion:101 Resp: 1783
Ion Ratio Lower Upper
101 100
103 58.2 51.2 76.8



#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.200 ug/l
RT: 2.585 min Scan# 465
Delta R.T. 0.003 min
Lab File: VU053156.D
Acq: 27 Feb 2023 17:18

Tgt Ion:101 Resp: 1247
Ion Ratio Lower Upper
101 100
85 40.3 37.3 55.9
151 29.1 52.4 78.6#

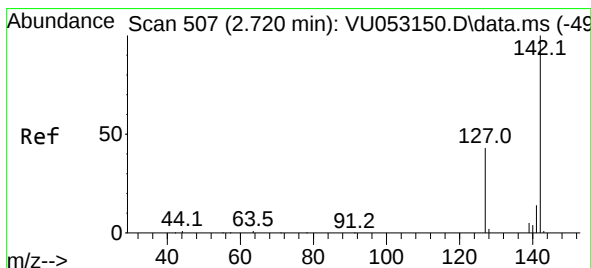
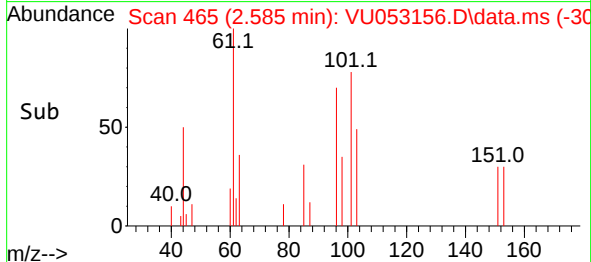
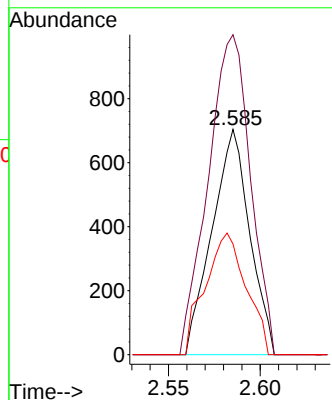
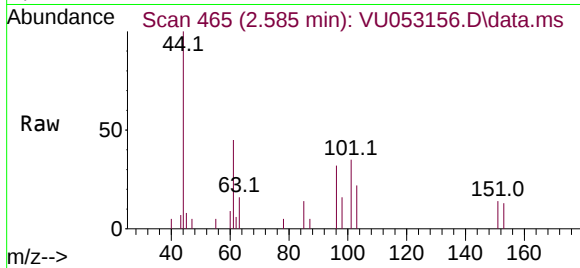




#9
1,1-Dichloroethene
Concen: 0.186 ug/l
RT: 2.585 min Scan# 41
Delta R.T. 0.006 min
Lab File: VU053156.D
Acq: 27 Feb 2023 17:18

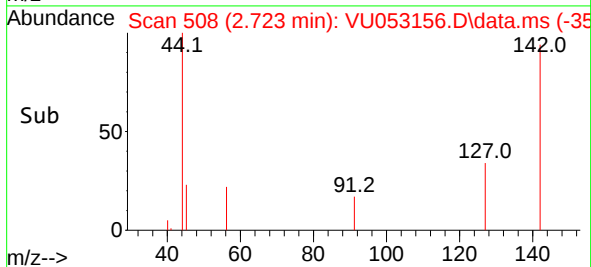
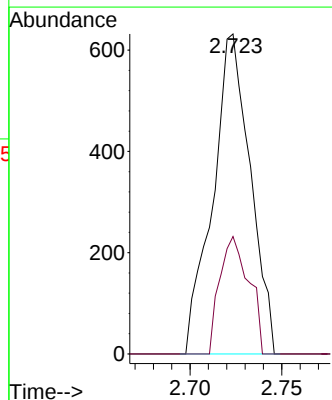
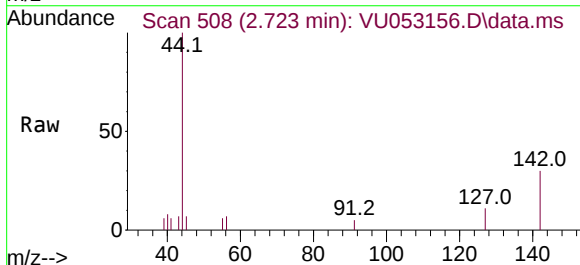
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MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

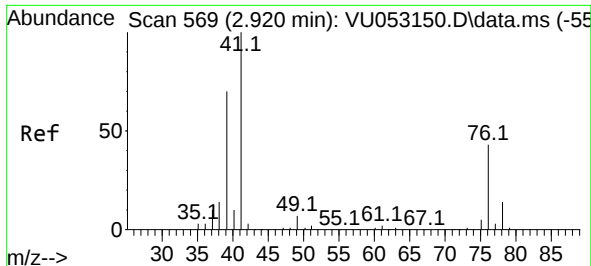
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Ion Ratio Lower Upper
96 100
61 142.0 0.0 502.5
98 49.1 0.0 126.2



#10
Iodomethane
Concen: 0.162 ug/l
RT: 2.723 min Scan# 508
Delta R.T. 0.003 min
Lab File: VU053156.D
Acq: 27 Feb 2023 17:18

Tgt Ion: 142 Resp: 899
Ion Ratio Lower Upper
142 100
127 28.5 35.8 53.8#

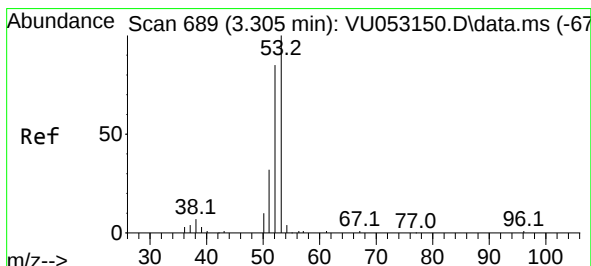
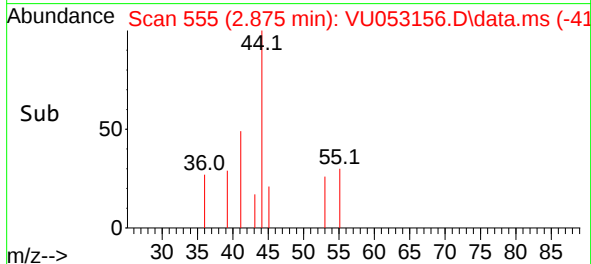
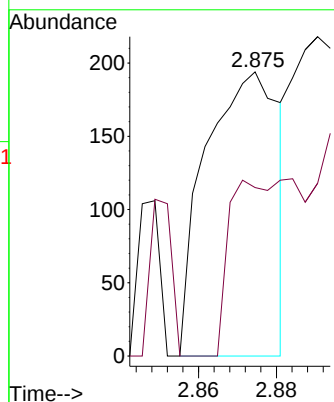
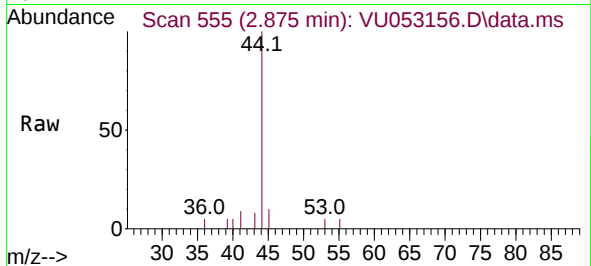




#11
 Allyl Chloride
 Concen: 0.030 ug/l
 RT: 2.875 min Scan# 51
 Delta R.T. -0.045 min
 Lab File: VU053156.D
 Acq: 27 Feb 2023 17:18

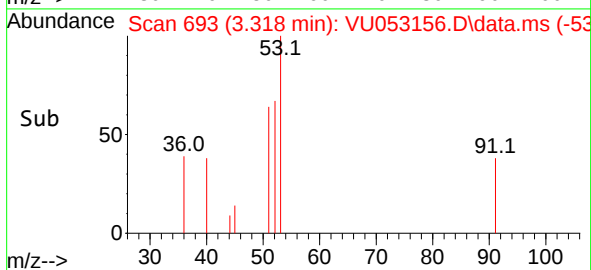
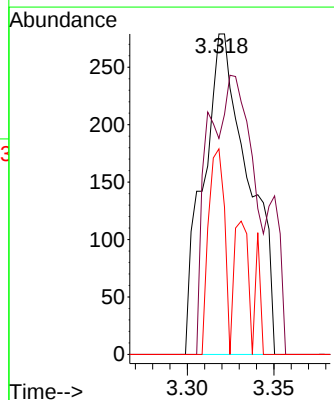
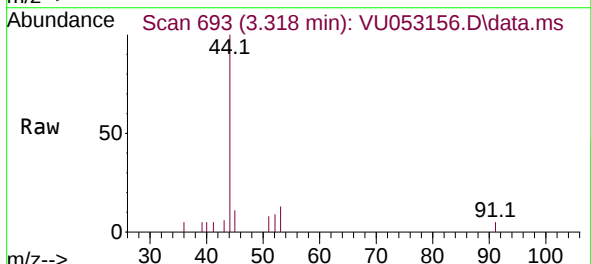
Instrument :
 MSVOA_U
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2023

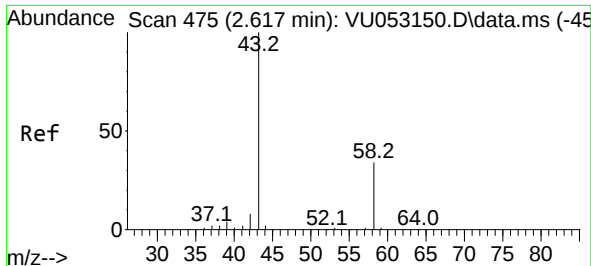
Tgt Ion: 41 Resp: 253
 Ion Ratio Lower Upper
 41 100
 39 60.9 55.3 82.9



#12
 Acrylonitrile
 Concen: 0.366 ug/l
 RT: 3.318 min Scan# 693
 Delta R.T. 0.013 min
 Lab File: VU053156.D
 Acq: 27 Feb 2023 17:18

Tgt Ion: 53 Resp: 507
 Ion Ratio Lower Upper
 53 100
 52 0.0 65.9 98.9#
 51 22.3 31.8 47.8#





#13

Acetone

Concen: 1.046 ug/l

RT: 2.646 min Scan# 41

Delta R.T. 0.029 min

Lab File: VU053156.D

Acq: 27 Feb 2023 17:18

Instrument :

MSVOA_U

ClientSampleId :

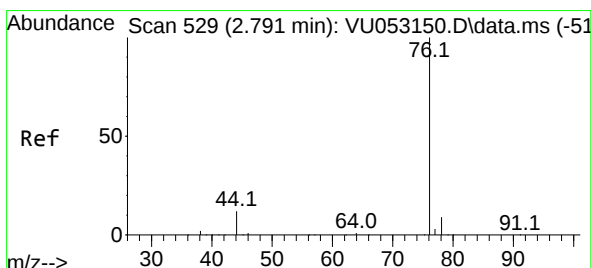
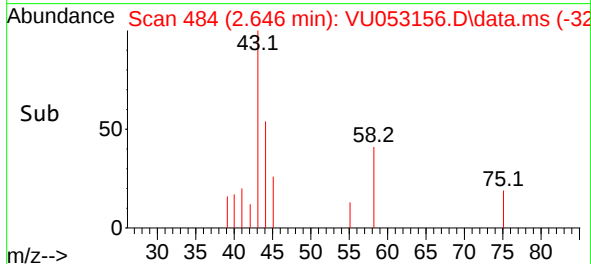
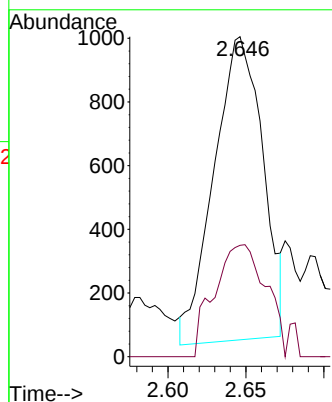
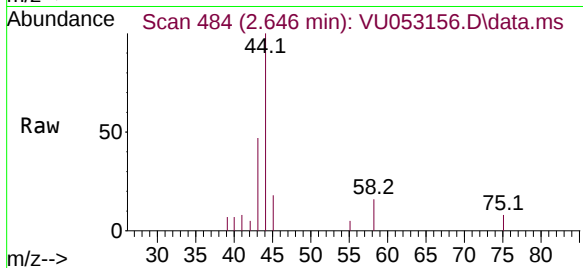
LOD-MDL-WATER-01-QT1-2023

Tgt Ion: 43 Resp: 2069

Ion Ratio Lower Upper

43 100

58 39.8 27.2 40.8



#14

Carbon Disulfide

Concen: 0.211 ug/l

RT: 2.794 min Scan# 530

Delta R.T. 0.003 min

Lab File: VU053156.D

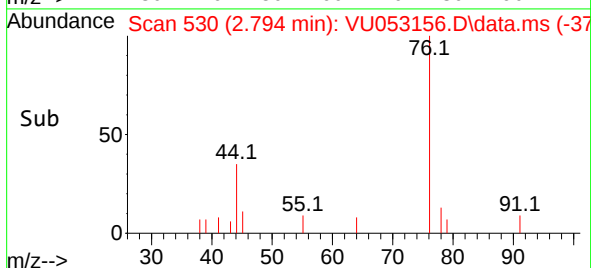
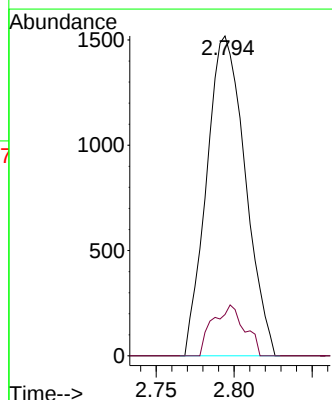
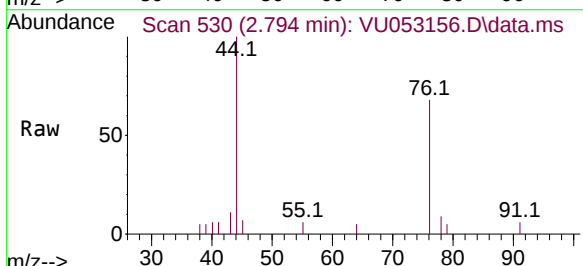
Acq: 27 Feb 2023 17:18

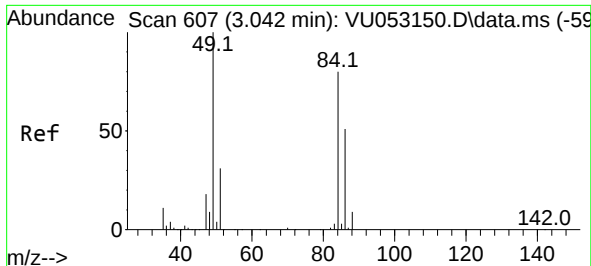
Tgt Ion: 76 Resp: 2615

Ion Ratio Lower Upper

76 100

78 12.9 7.2 10.8#



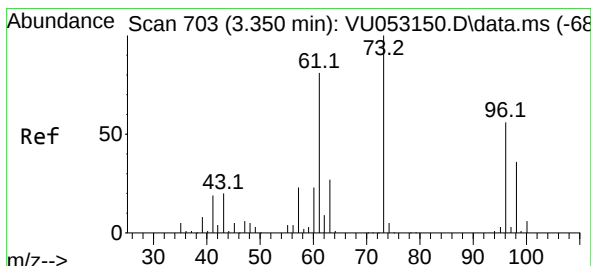
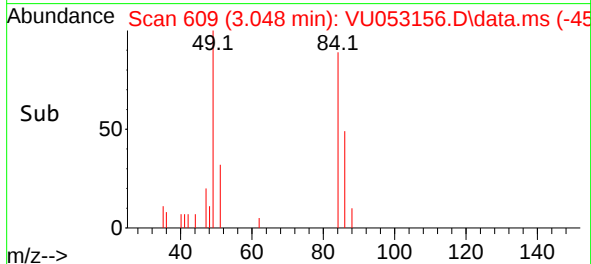
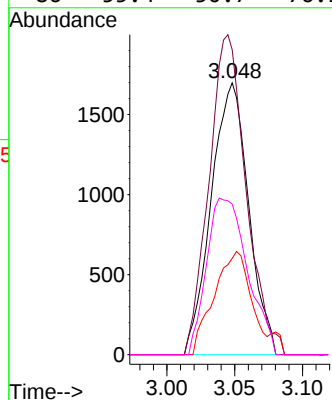
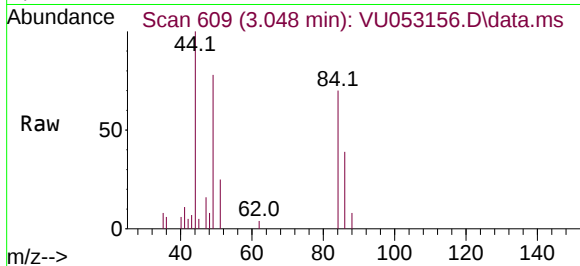


#15
Methylene Chloride
Concen: 0.422 ug/l
RT: 3.048 min Scan# 607
Delta R.T. 0.006 min
Lab File: VU053156.D
Acq: 27 Feb 2023 17:18

Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

Tgt Ion: 84 Resp: 3258

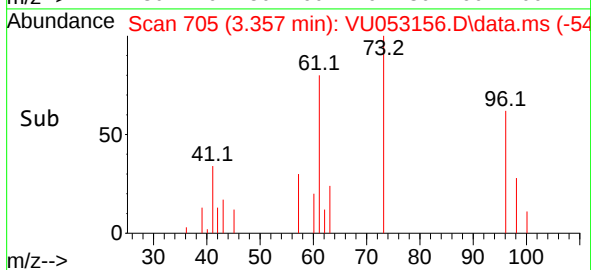
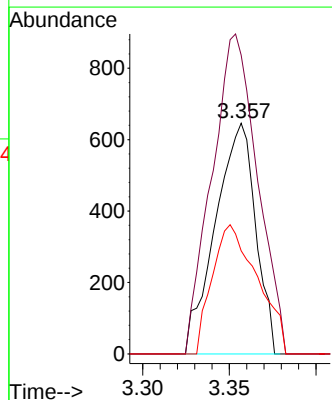
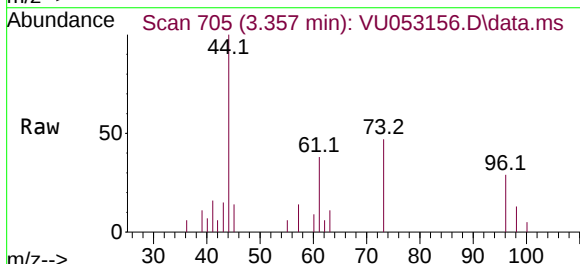
Ion	Ratio	Lower	Upper
84	100		
49	112.2	99.5	149.3
51	35.5	0.0	76.8
86	55.4	50.7	76.1

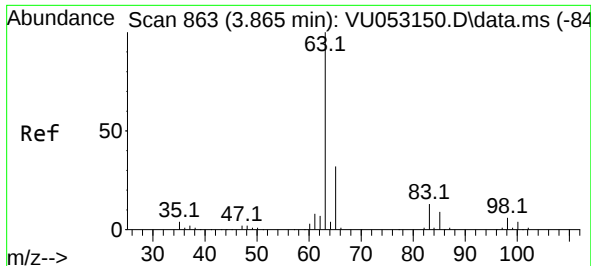


#16
trans-1,2-Dichloroethene
Concen: 0.176 ug/l
RT: 3.357 min Scan# 705
Delta R.T. 0.006 min
Lab File: VU053156.D
Acq: 27 Feb 2023 17:18

Tgt Ion: 96 Resp: 1044

Ion	Ratio	Lower	Upper
96	100		
61	129.6	116.1	174.1
98	44.7	51.4	77.2

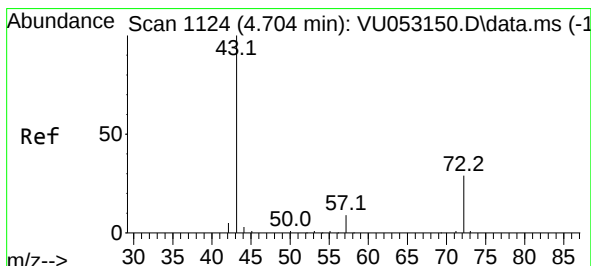
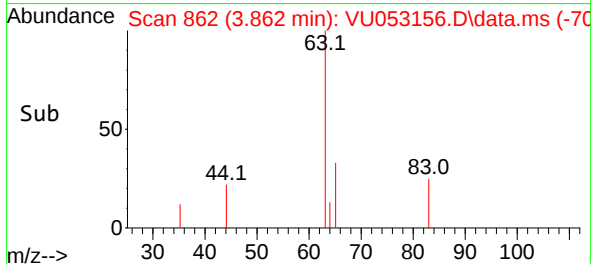
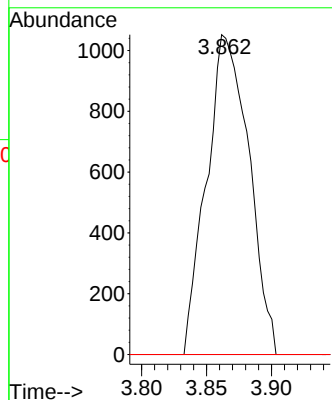
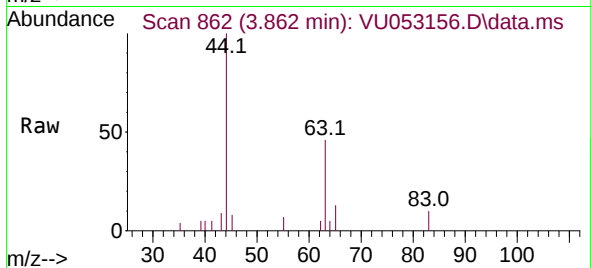




#17
1,1-Dichloroethane
Concen: 0.183 ug/l
RT: 3.862 min Scan# 862
Delta R.T. -0.003 min
Lab File: VU053156.D
Acq: 27 Feb 2023 17:18

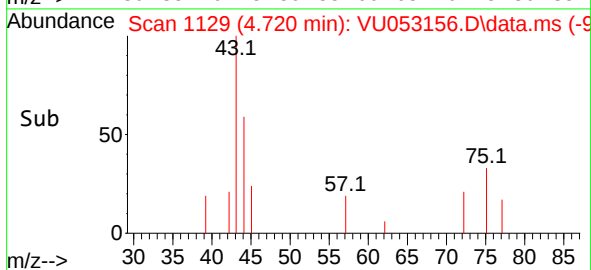
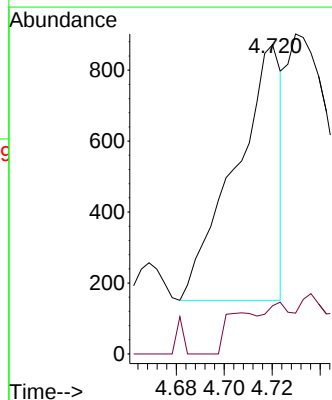
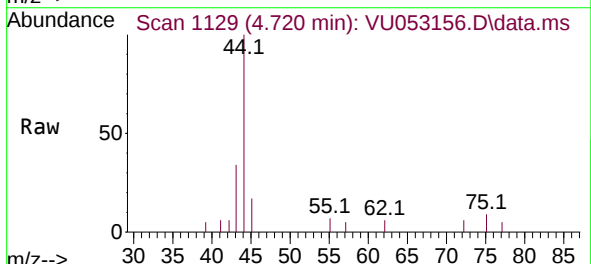
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

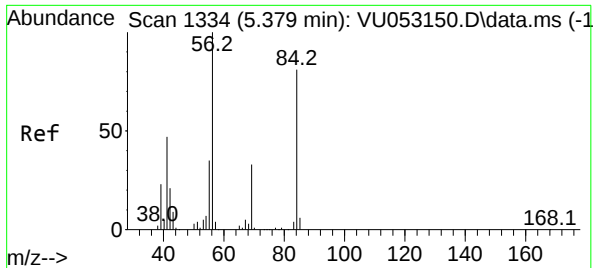
Tgt Ion: 63 Resp: 2384
Ion Ratio Lower Upper
63 100
98 0.0 3.1 9.4#
100 0.0 2.1 6.2#



#18
2-Butanone
Concen: 0.405 ug/l
RT: 4.720 min Scan# 1129
Delta R.T. 0.016 min
Lab File: VU053156.D
Acq: 27 Feb 2023 17:18

Tgt Ion: 43 Resp: 963
Ion Ratio Lower Upper
43 100
57 4.3 0.0 17.6





#19

Cyclohexane

Concen: 0.169 ug/l

RT: 5.379 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU053156.D

Acq: 27 Feb 2023 17:18

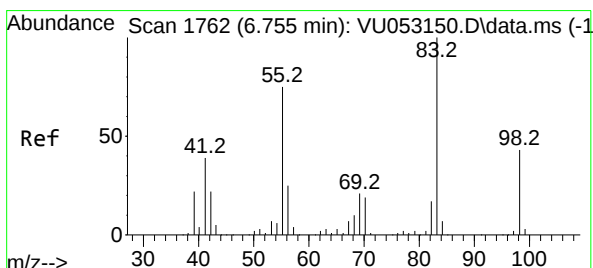
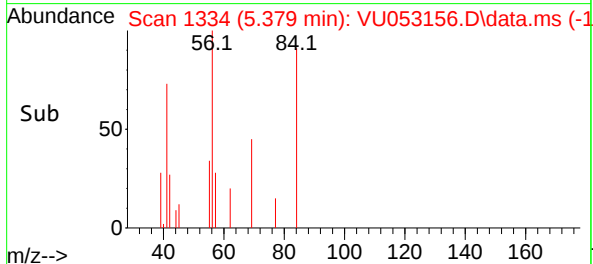
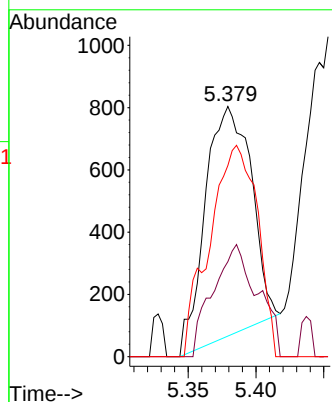
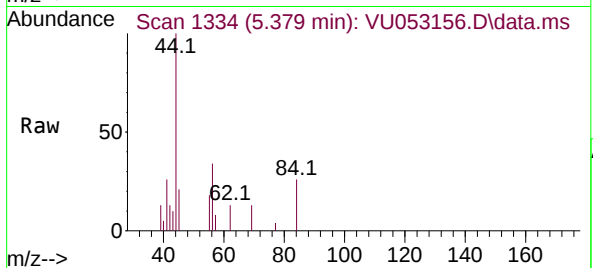
Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT1-2023

Tgt Ion:	56	Resp:	1750
Ion	Ratio	Lower	Upper
56	100		
69	47.1	26.1	39.1#
84	95.0	64.7	97.1



#20

Methylcyclohexane

Concen: 0.184 ug/l

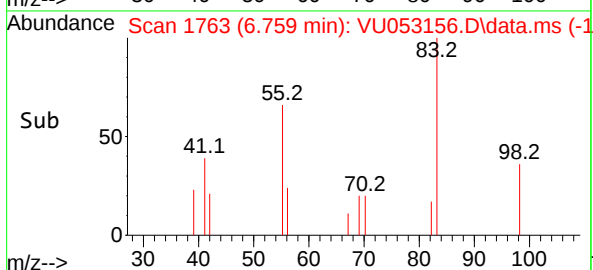
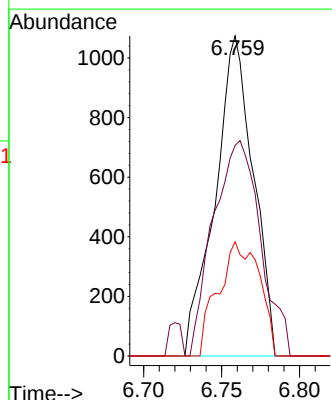
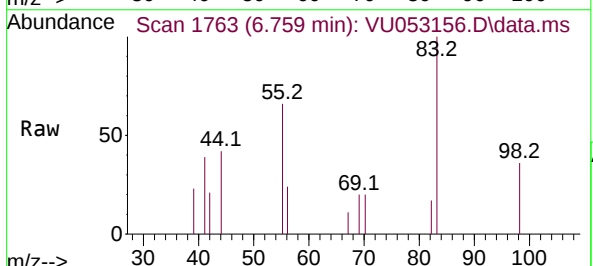
RT: 6.759 min Scan# 1763

Delta R.T. 0.003 min

Lab File: VU053156.D

Acq: 27 Feb 2023 17:18

Tgt Ion:	83	Resp:	1831
Ion	Ratio	Lower	Upper
83	100		
55	83.2	60.2	90.2
98	38.6	33.9	50.9





#21

2,2-Dichloropropane

Concen: 0.228 ug/l

RT: 4.665 min Scan# 1112

Delta R.T. 0.006 min

Lab File: VU053156.D

Acq: 27 Feb 2023 17:18

Instrument :

MSVOA_U

ClientSampleId :

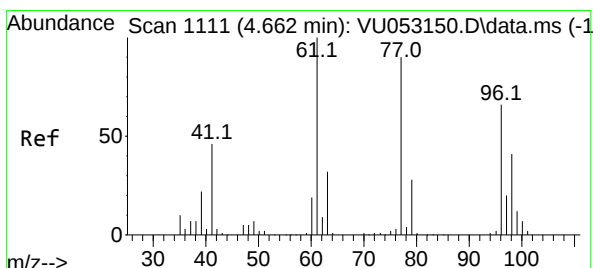
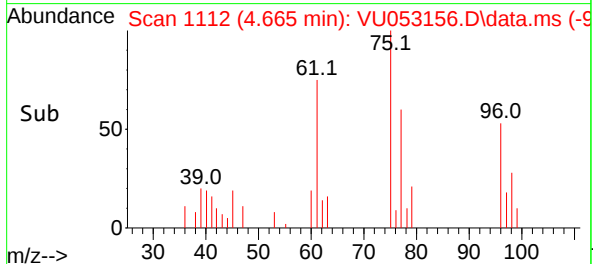
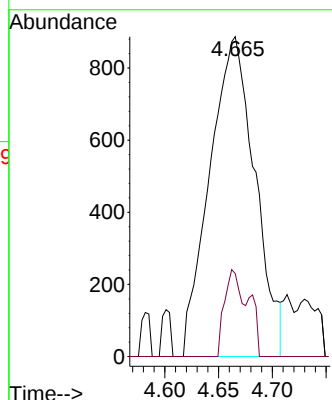
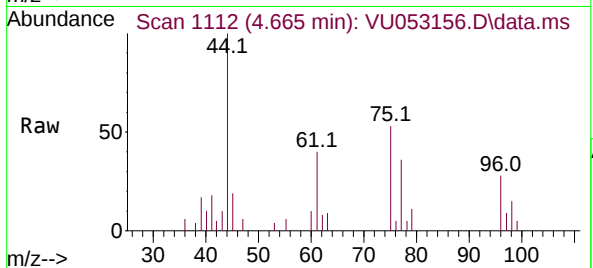
LOD-MDL-WATER-01-QT1-2023

Tgt Ion: 77 Resp: 2592

Ion Ratio Lower Upper

77 100

97 10.6 17.9 26.9#



#22

cis-1,2-Dichloroethene

Concen: 0.191 ug/l

RT: 4.665 min Scan# 1112

Delta R.T. 0.003 min

Lab File: VU053156.D

Acq: 27 Feb 2023 17:18

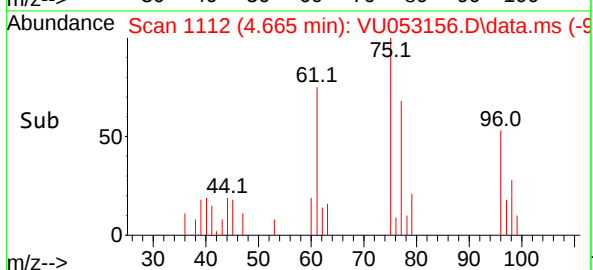
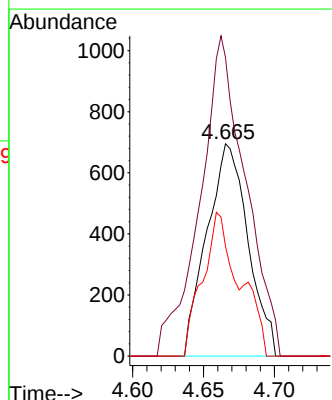
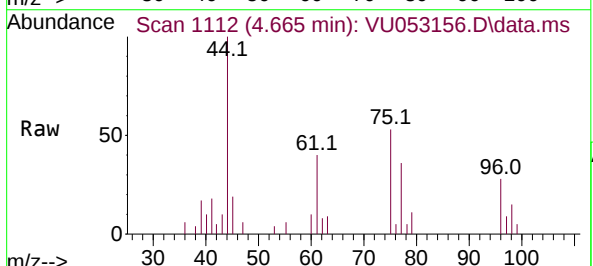
Tgt Ion: 96 Resp: 1403

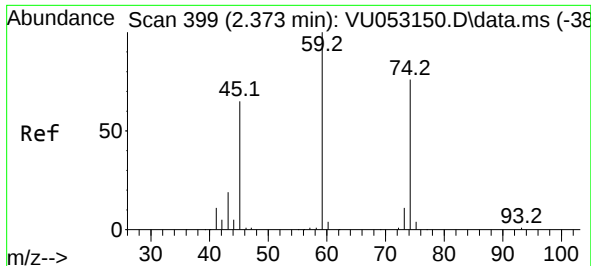
Ion Ratio Lower Upper

96 100

61 166.4 0.0 390.5

98 47.8 31.9 95.9

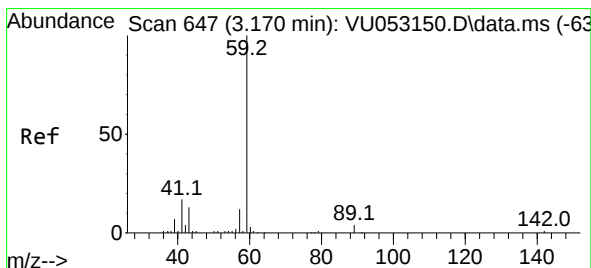
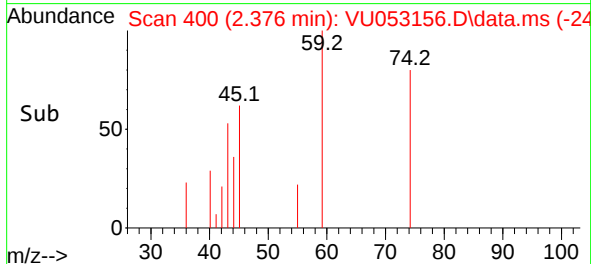
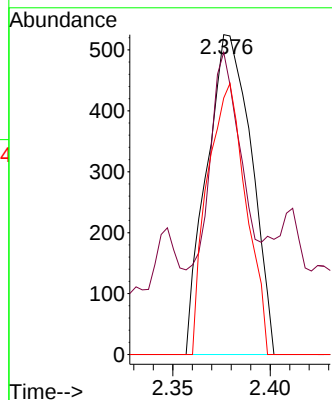
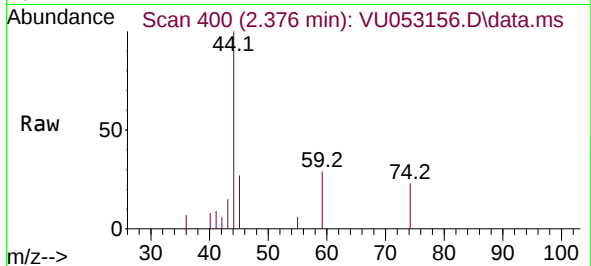




#23
Diethyl Ether
Concen: 0.189 ug/l
RT: 2.376 min Scan# 400
Delta R.T. 0.003 min
Lab File: VU053156.D
Acq: 27 Feb 2023 17:18

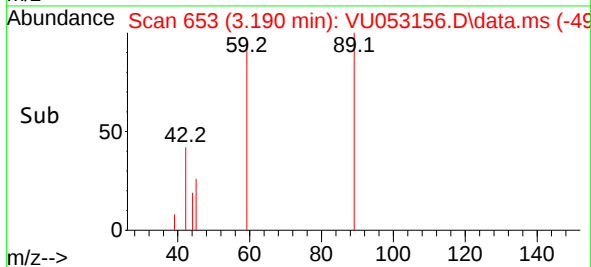
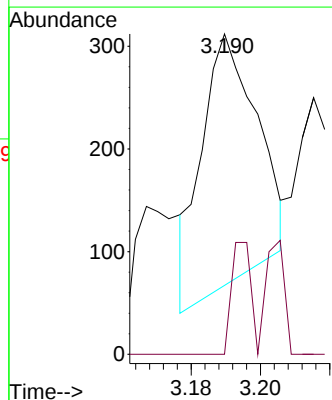
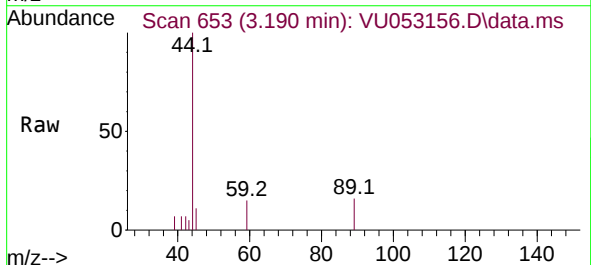
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

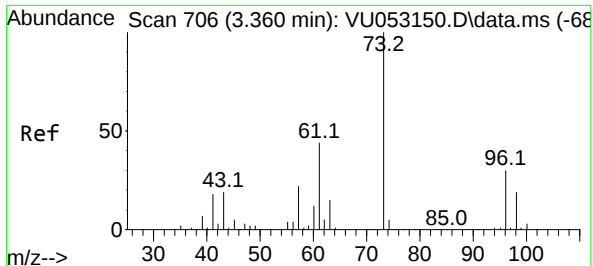
Tgt Ion: 59 Resp: 836
Ion Ratio Lower Upper
59 100
45 44.3 54.2 81.2#
74 73.3 60.4 90.6



#24
tert-Butyl Alcohol
Concen: 0.524 ug/l
RT: 3.190 min Scan# 653
Delta R.T. 0.019 min
Lab File: VU053156.D
Acq: 27 Feb 2023 17:18

Tgt Ion: 59 Resp: 272
Ion Ratio Lower Upper
59 100
57 15.4 8.7 13.1#

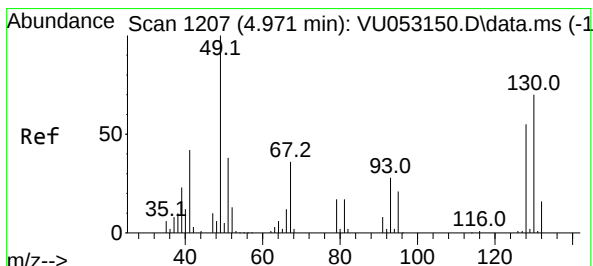
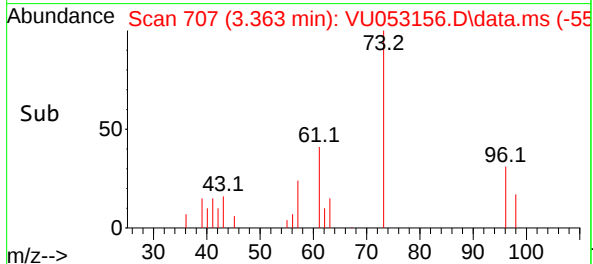
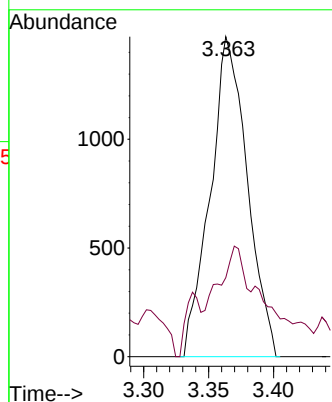
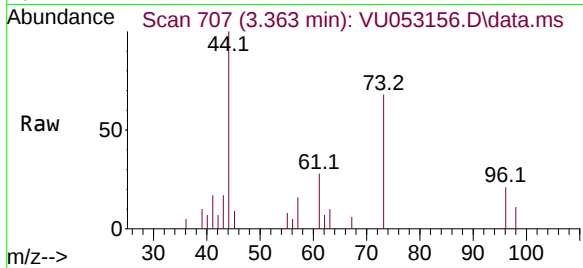




#25
Methyl tert-Butyl Ether
Concen: 0.185 ug/l
RT: 3.363 min Scan# 706
Delta R.T. 0.003 min
Lab File: VU053156.D
Acq: 27 Feb 2023 17:18

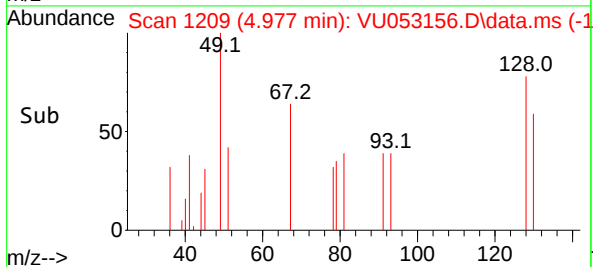
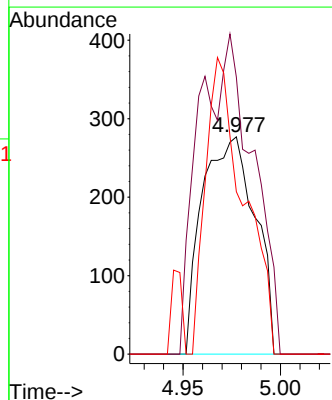
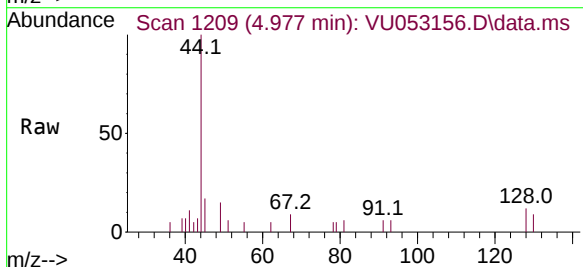
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

Tgt Ion: 73 Resp: 2913
Ion Ratio Lower Upper
73 100
43 28.0 15.0 22.6#



#26
Bromochloromethane
Concen: 0.184 ug/l
RT: 4.977 min Scan# 1209
Delta R.T. 0.006 min
Lab File: VU053156.D
Acq: 27 Feb 2023 17:18

Tgt Ion: 128 Resp: 522
Ion Ratio Lower Upper
128 100
49 88.1 0.0 376.8
130 99.0 104.8 157.2#





#27

Chloroform

Concen: 0.194 ug/l

RT: 5.090 min Scan# 11

Delta R.T. 0.006 min

Lab File: VU053156.D

Acq: 27 Feb 2023 17:18

Instrument :

MSVOA_U

ClientSampleId :

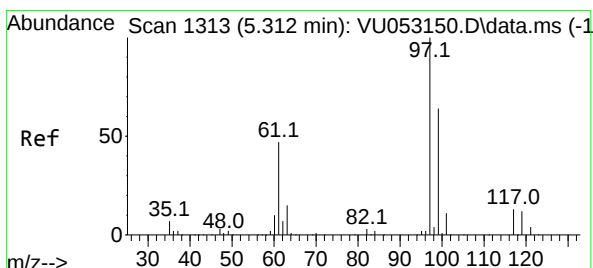
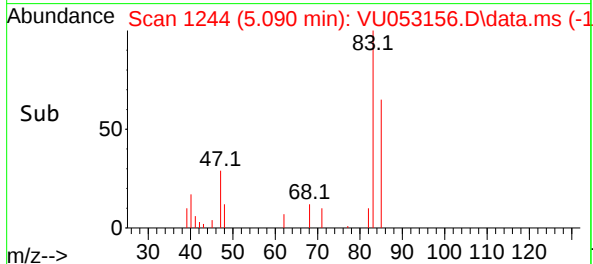
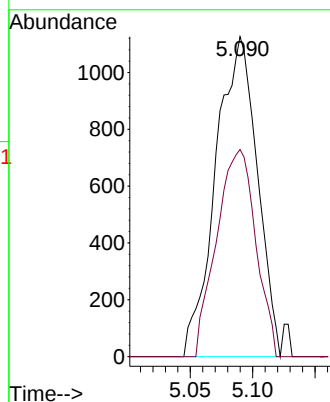
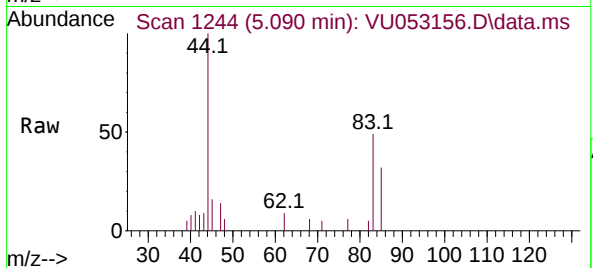
LOD-MDL-WATER-01-QT1-2023

Tgt Ion: 83 Resp: 2601

Ion Ratio Lower Upper

83 100

85 64.7 0.0 129.2



#28

1,1,1-Trichloroethane

Concen: 0.204 ug/l

RT: 5.315 min Scan# 1314

Delta R.T. 0.003 min

Lab File: VU053156.D

Acq: 27 Feb 2023 17:18

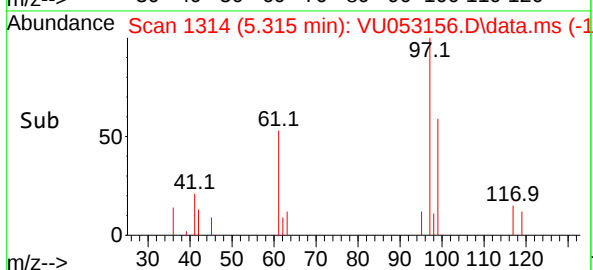
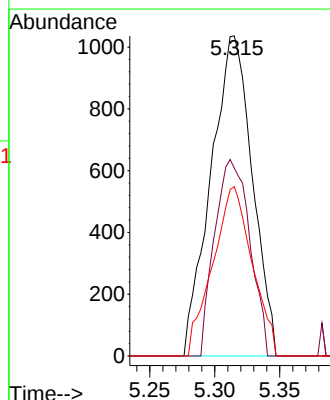
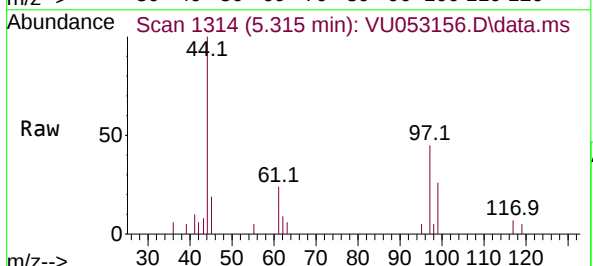
Tgt Ion: 97 Resp: 2300

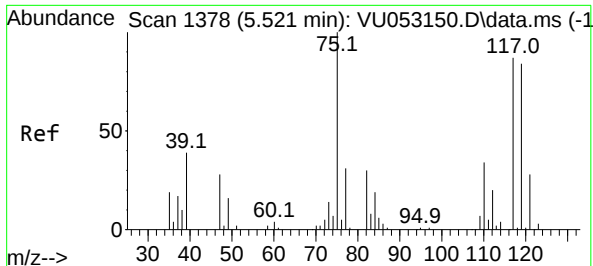
Ion Ratio Lower Upper

97 100

99 51.9 31.6 94.8

61 50.3 23.9 71.7





#29

1,1-Dichloropropene

Concen: 0.176 ug/l

RT: 5.524 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU053156.D

Acq: 27 Feb 2023 17:18

Instrument :

MSVOA_U

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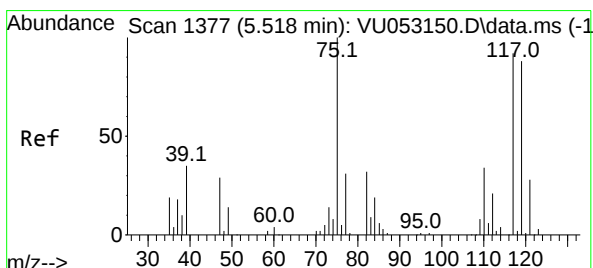
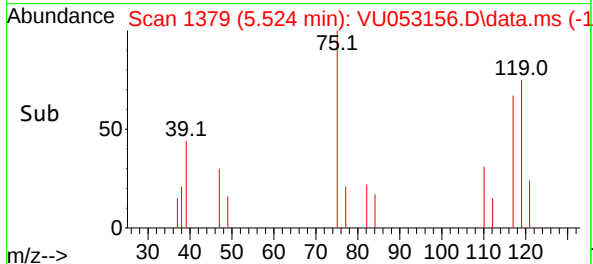
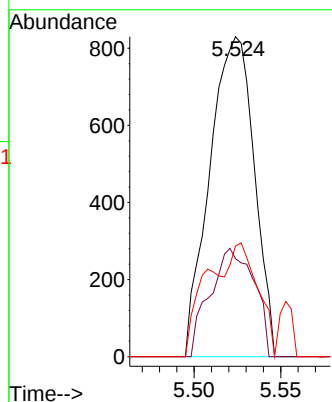
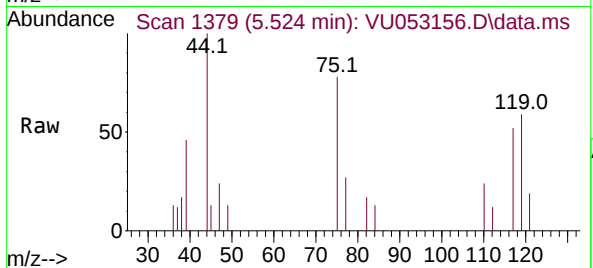
Tgt Ion: 75 Resp: 1483

Ion Ratio Lower Upper

75 100

110 33.6 16.3 48.8

77 22.5 24.9 37.3#



#30

Carbon Tetrachloride

Concen: 0.176 ug/l

RT: 5.518 min Scan# 1377

Delta R.T. -0.000 min

Lab File: VU053156.D

Acq: 27 Feb 2023 17:18

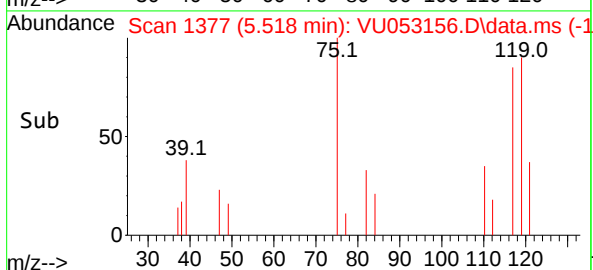
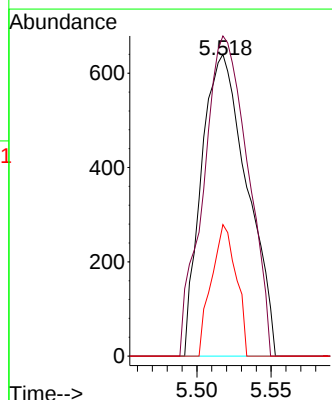
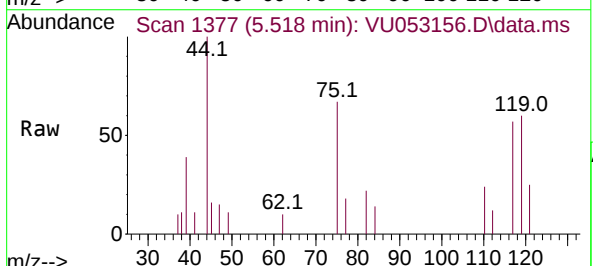
Tgt Ion: 117 Resp: 1367

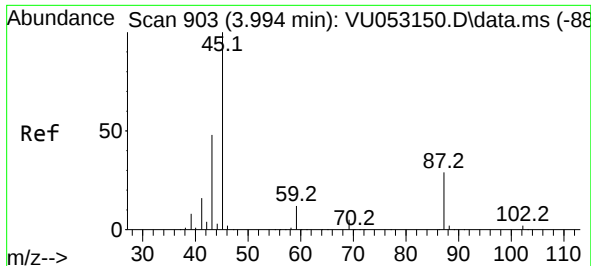
Ion Ratio Lower Upper

117 100

119 106.1 76.2 114.2

121 43.6 24.6 36.8#

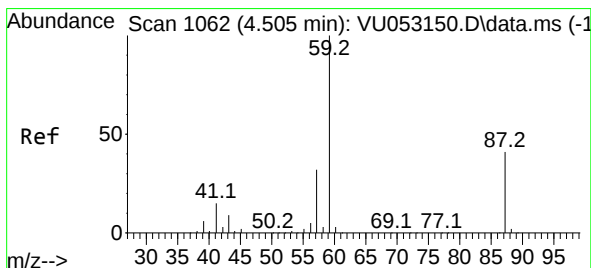
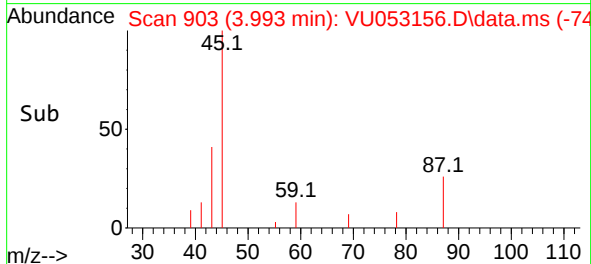
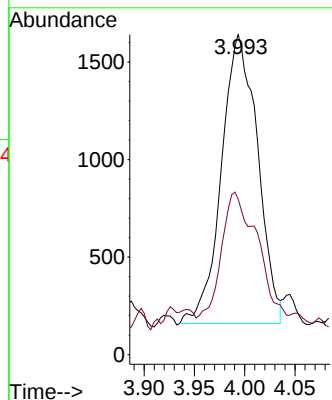
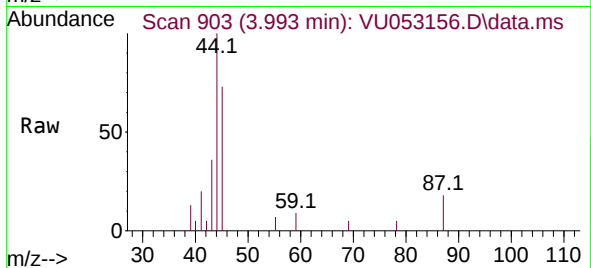




#31
Isopropyl Ether
Concen: 0.179 ug/l
RT: 3.993 min Scan# 903
Delta R.T. -0.000 min
Lab File: VU053156.D
Acq: 27 Feb 2023 17:18

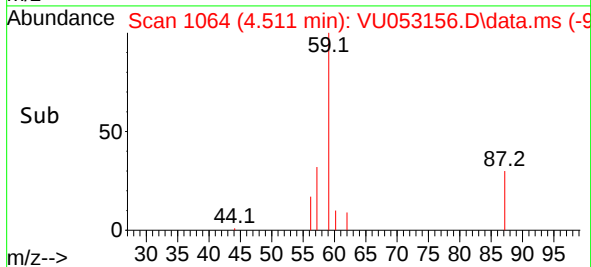
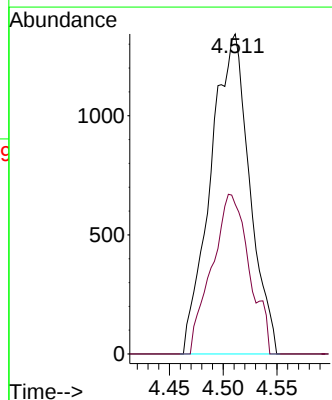
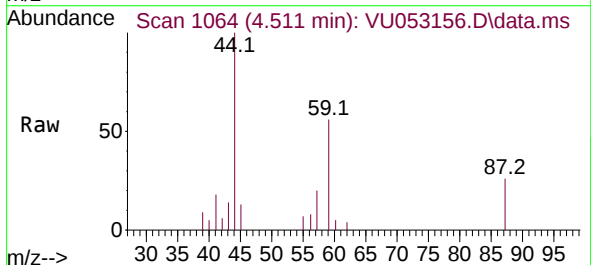
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

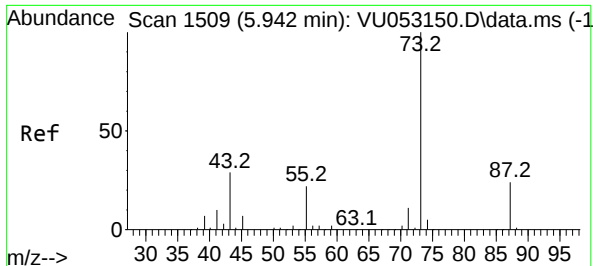
Tgt Ion: 45 Resp: 3705
Ion Ratio Lower Upper
45 100
43 39.6 24.4 73.2



#32
Ethyl-t-butyl ether
Concen: 0.172 ug/l
RT: 4.511 min Scan# 1064
Delta R.T. 0.006 min
Lab File: VU053156.D
Acq: 27 Feb 2023 17:18

Tgt Ion: 59 Resp: 3388
Ion Ratio Lower Upper
59 100
87 48.0 32.5 48.7

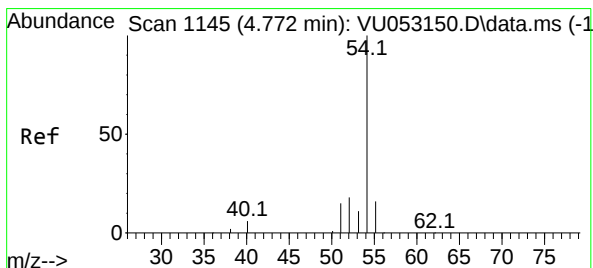
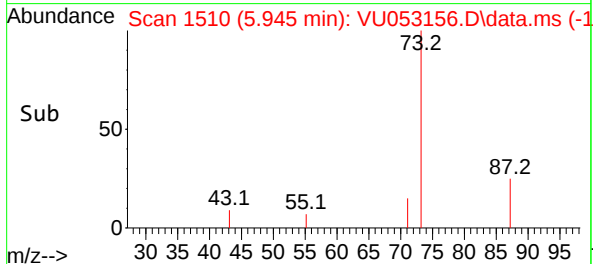
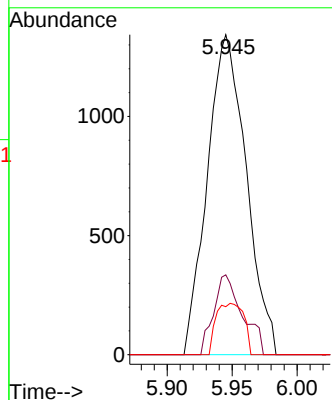
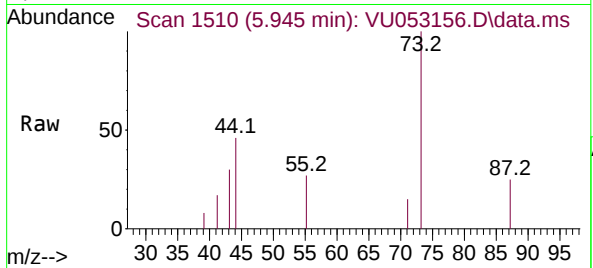




#33
Tert-Amyl methyl ether
Concen: 0.179 ug/l
RT: 5.945 min Scan# 1153
Delta R.T. 0.003 min
Lab File: VU053156.D
Acq: 27 Feb 2023 17:18

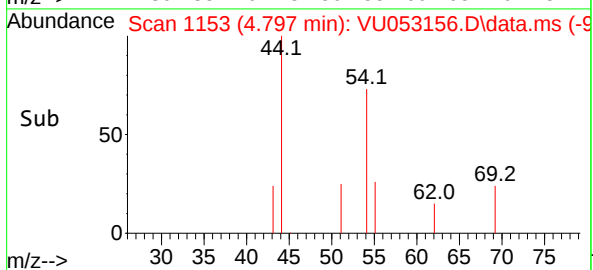
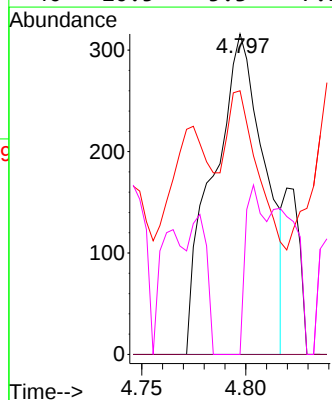
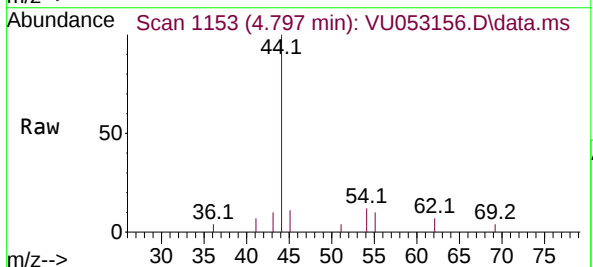
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

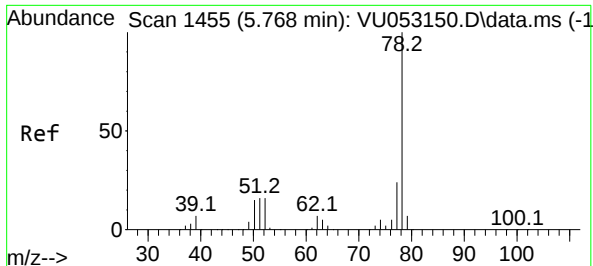
Tgt Ion: 73 Resp: 2794
Ion Ratio Lower Upper
73 100
87 18.5 19.0 28.4#
71 11.4 9.2 13.8



#34
Propionitrile
Concen: 0.988 ug/l
RT: 4.797 min Scan# 1153
Delta R.T. 0.026 min
Lab File: VU053156.D
Acq: 27 Feb 2023 17:18

Tgt Ion: 54 Resp: 546
Ion Ratio Lower Upper
54 100
52 0.0 16.5 24.7#
55 28.4 11.4 17.2#
40 20.5 5.3 7.9#





#35

Benzene

Concen: 0.191 ug/l

RT: 5.775 min Scan# 1455

Delta R.T. 0.006 min

Lab File: VU053156.D

Acq: 27 Feb 2023 17:18

Instrument :

MSVOA_U

ClientSampleId :

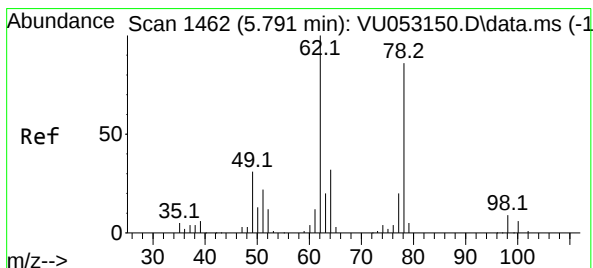
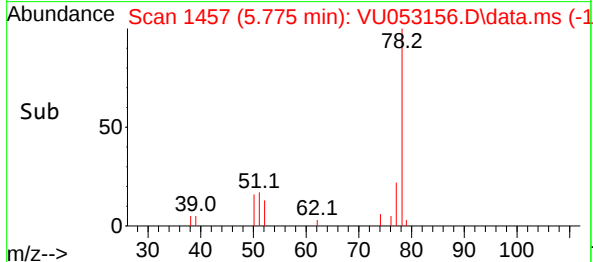
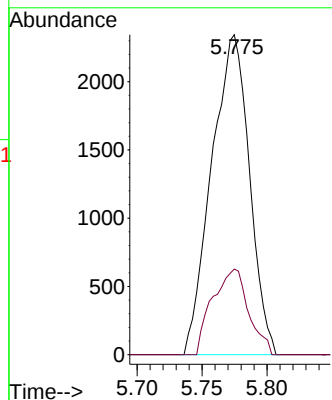
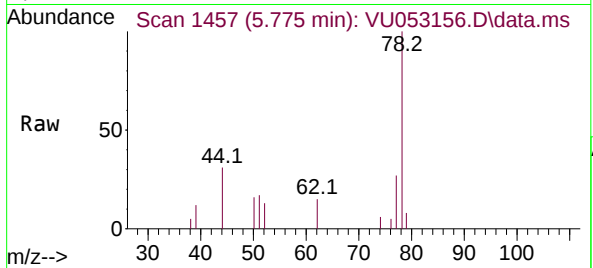
LOD-MDL-WATER-01-QT1-2023

Tgt Ion: 78 Resp: 4748

Ion Ratio Lower Upper

78 100

77 26.7 18.9 28.3



#36

1,2-Dichloroethane

Concen: 0.195 ug/l

RT: 5.797 min Scan# 1464

Delta R.T. 0.006 min

Lab File: VU053156.D

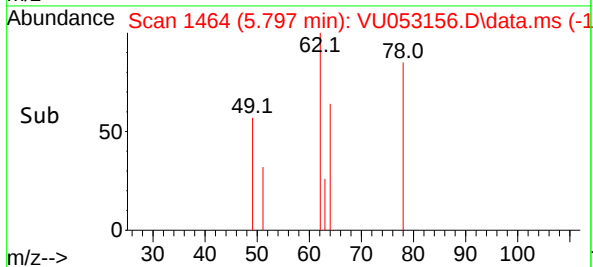
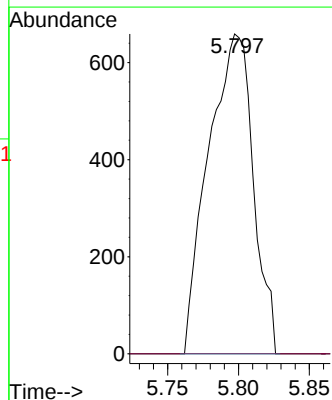
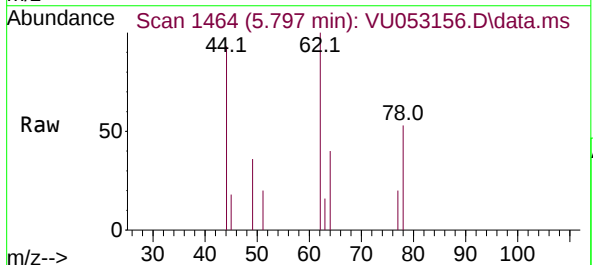
Acq: 27 Feb 2023 17:18

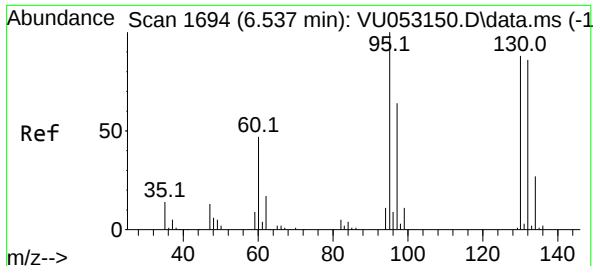
Tgt Ion: 62 Resp: 1451

Ion Ratio Lower Upper

62 100

98 0.0 7.0 10.4#

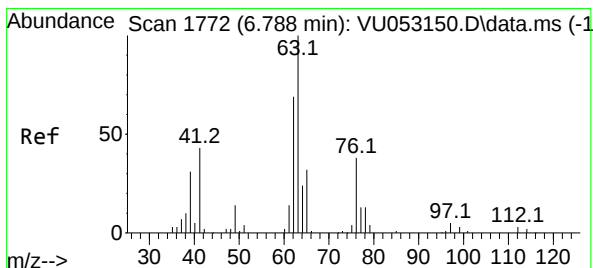
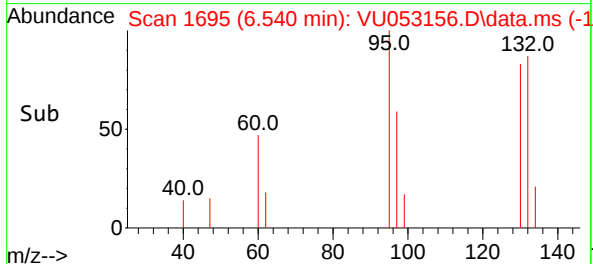
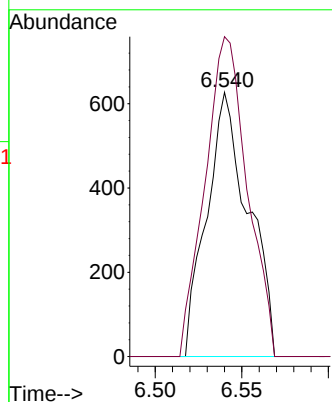
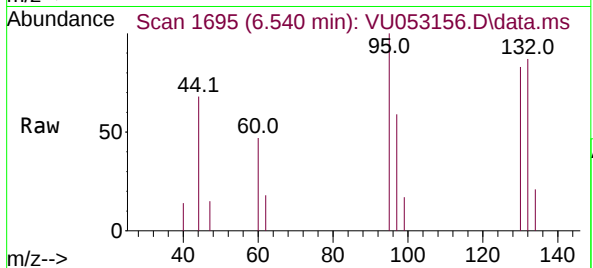




#37
Trichloroethene
Concen: 0.183 ug/l
RT: 6.540 min Scan# 1694
Delta R.T. 0.003 min
Lab File: VU053156.D
Acq: 27 Feb 2023 17:18

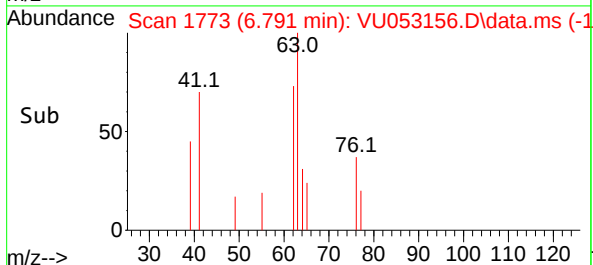
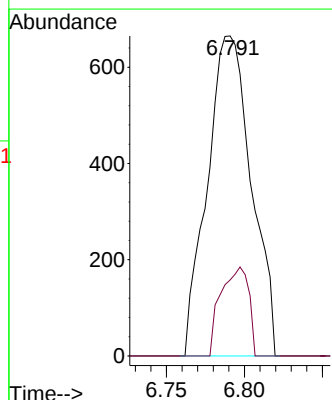
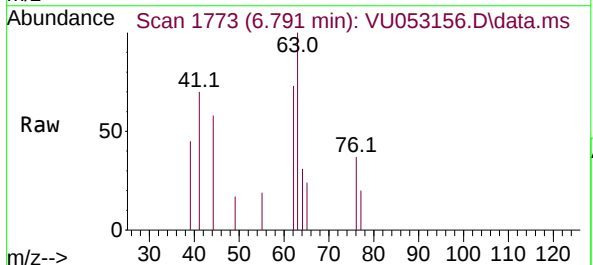
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

Tgt Ion:130 Resp: 1047
Ion Ratio Lower Upper
130 100
95 121.1 91.1 136.7



#38
1,2-Dichloropropane
Concen: 0.182 ug/l
RT: 6.791 min Scan# 1773
Delta R.T. 0.003 min
Lab File: VU053156.D
Acq: 27 Feb 2023 17:18

Tgt Ion: 63 Resp: 1309
Ion Ratio Lower Upper
63 100
65 23.8 25.5 38.3#





#39

Methacrylonitrile

Concen: 0.210 ug/l

RT: 4.987 min Scan# 1170

Delta R.T. 0.013 min

Lab File: VU053156.D

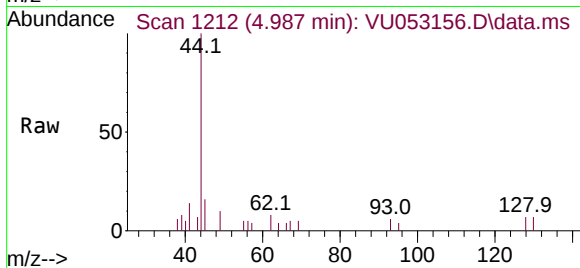
Acq: 27 Feb 2023 17:18

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT1-2023



Tgt Ion: 41 Resp: 494

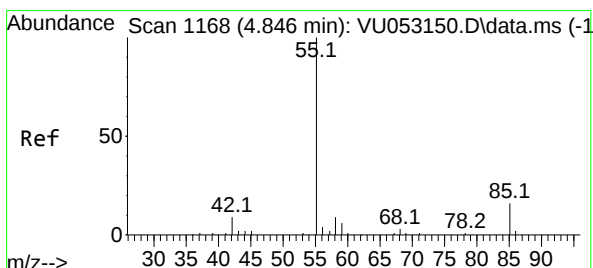
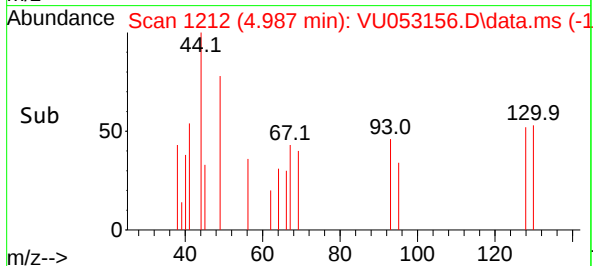
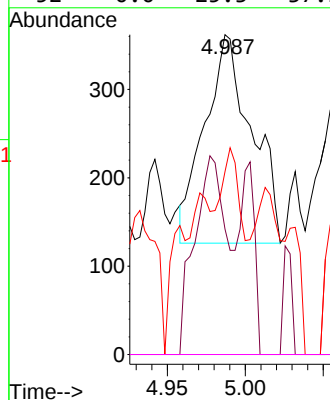
Ion Ratio Lower Upper

41 100

67 0.0 67.1 100.7#

39 21.1 42.6 64.0#

52 0.0 25.3 37.9#



#40

Methyl acrylate

Concen: 0.119 ug/l

RT: 4.852 min Scan# 1170

Delta R.T. 0.006 min

Lab File: VU053156.D

Acq: 27 Feb 2023 17:18

Tgt Ion: 55 Resp: 433

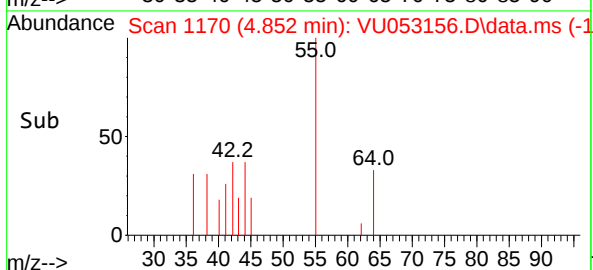
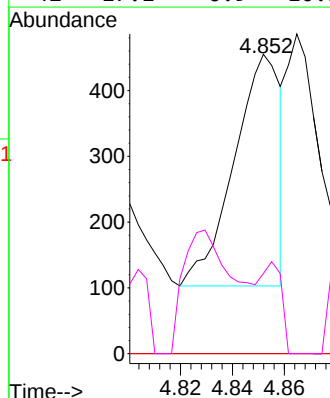
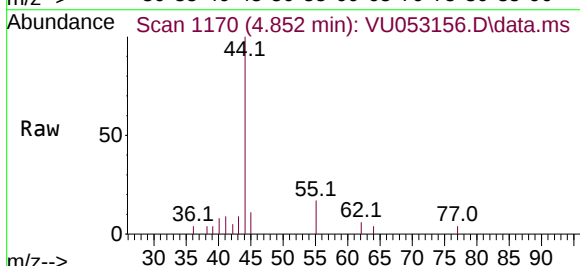
Ion Ratio Lower Upper

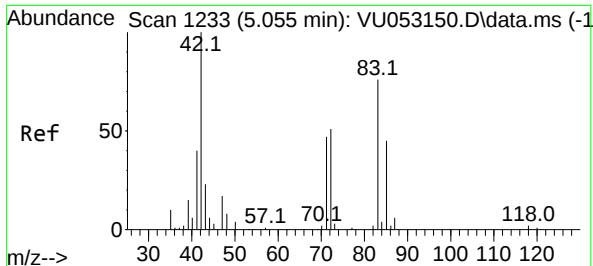
55 100

85 0.0 13.5 20.3#

58 0.0 7.3 10.9#

42 17.1 6.9 10.3#





#41

Tetrahydrofuran

Concen: 0.486 ug/l

RT: 5.061 min Scan# 11

Delta R.T. 0.006 min

Lab File: VU053156.D

Acq: 27 Feb 2023 17:18

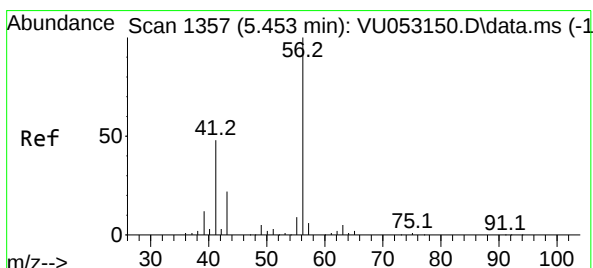
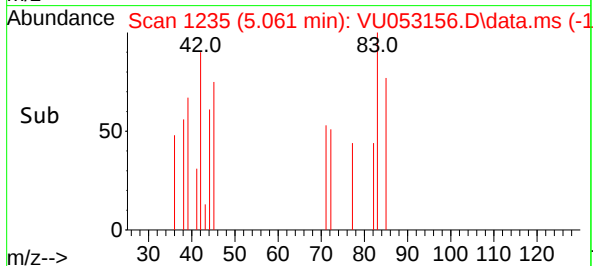
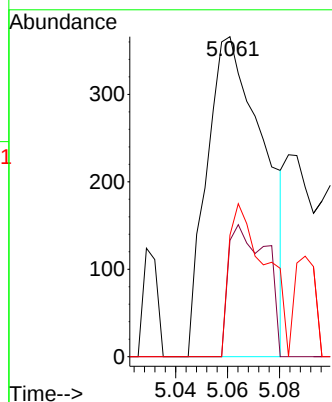
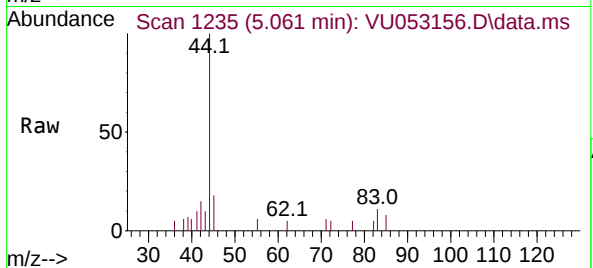
Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT1-2023

Tgt Ion:	42	Resp:	562
Ion Ratio	Lower	Upper	
42	100		
72	27.0	41.6	62.4#
71	30.8	37.9	56.9#



#42

1-Chlorobutane

Concen: 0.226 ug/l

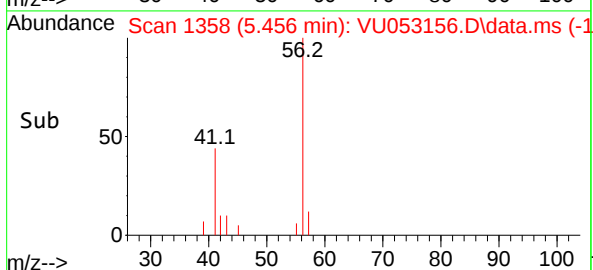
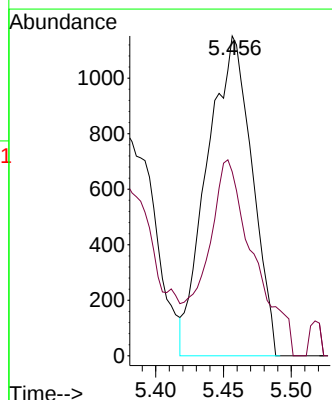
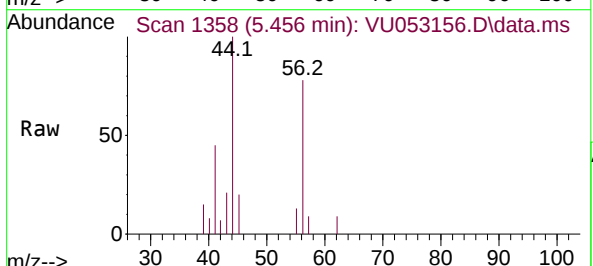
RT: 5.456 min Scan# 1358

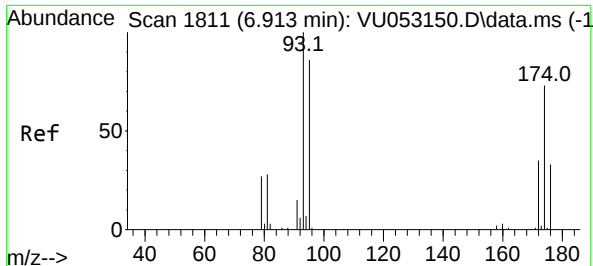
Delta R.T. 0.003 min

Lab File: VU053156.D

Acq: 27 Feb 2023 17:18

Tgt Ion:	56	Resp:	2649
Ion Ratio	Lower	Upper	
56	100		
41	62.1	23.7	71.1





#43

Dibromomethane

Concen: 0.171 ug/l

RT: 6.919 min Scan# 1811

Delta R.T. 0.006 min

Lab File: VU053156.D

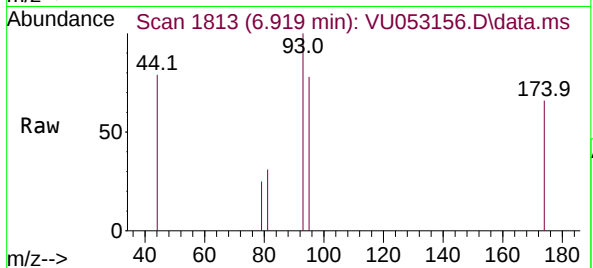
Acq: 27 Feb 2023 17:18

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT1-2023



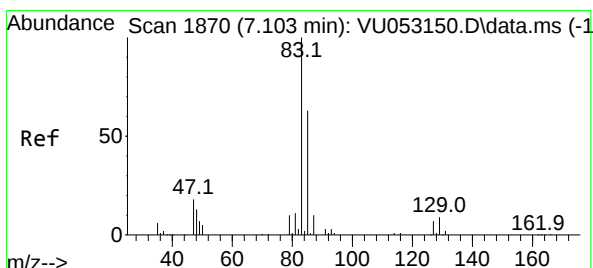
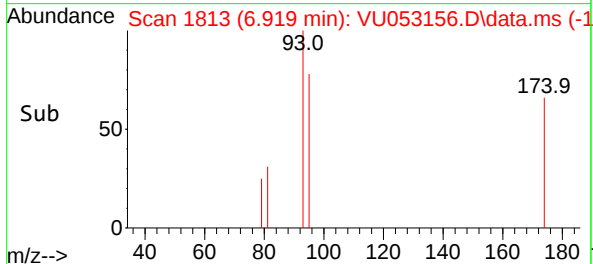
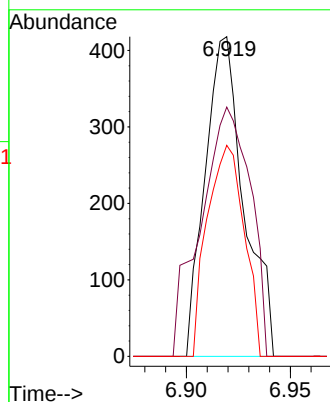
Tgt Ion: 93 Resp: 544

Ion Ratio Lower Upper

93 100

95 99.4 66.5 99.7

174 62.5 58.2 87.4



#44

Bromodichloromethane

Concen: 0.175 ug/l

RT: 7.106 min Scan# 1871

Delta R.T. 0.003 min

Lab File: VU053156.D

Acq: 27 Feb 2023 17:18

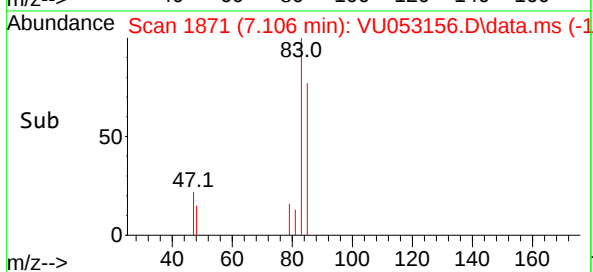
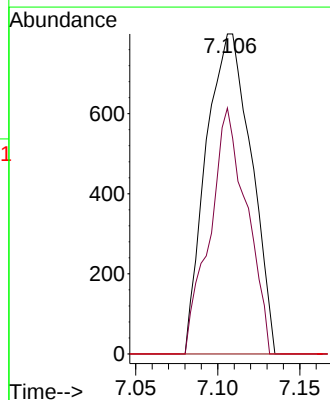
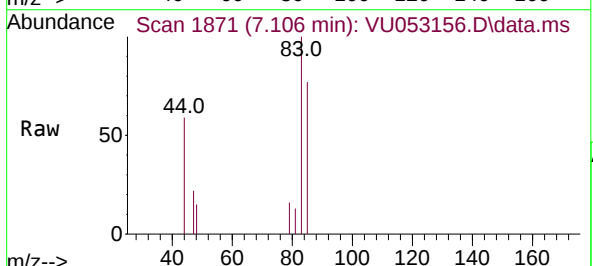
Tgt Ion: 83 Resp: 1531

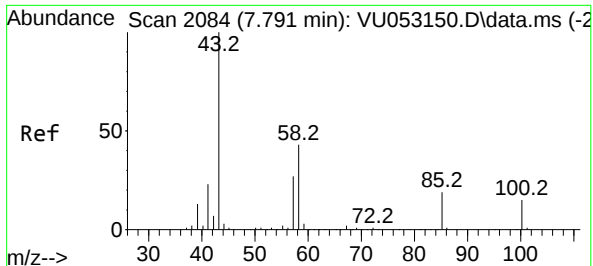
Ion Ratio Lower Upper

83 100

85 76.8 50.6 75.8#

127 0.0 5.8 8.8#





#45

4-Methyl-2-Pentanone

Concen: 1.104 ug/l

RT: 7.800 min Scan# 2087

Delta R.T. 0.010 min

Lab File: VU053156.D

Acq: 27 Feb 2023 17:18

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT1-2023

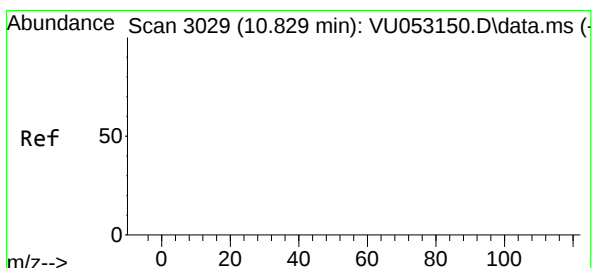
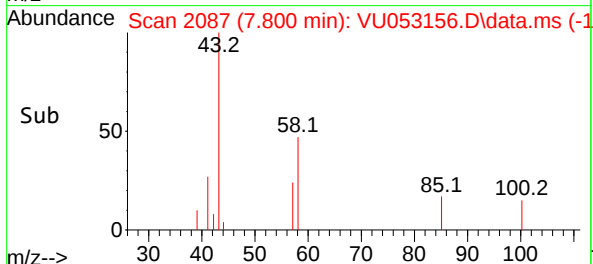
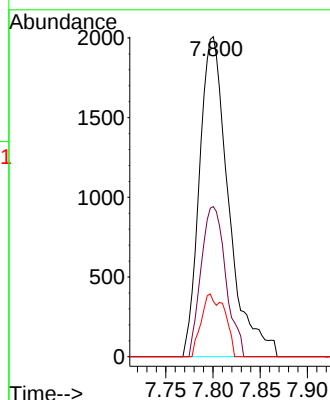
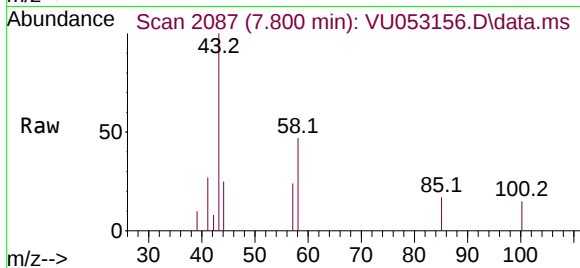
Tgt Ion: 43 Resp: 4297

Ion Ratio Lower Upper

43 100

58 39.7 22.0 66.0

85 15.7 15.7 23.5



#46

t-1,4-Dichloro-2-butene

Concen: 0.542 ug/l

RT: 10.820 min Scan# 3026

Delta R.T. -0.010 min

Lab File: VU053156.D

Acq: 27 Feb 2023 17:18

Tgt Ion: 75 Resp: 1063

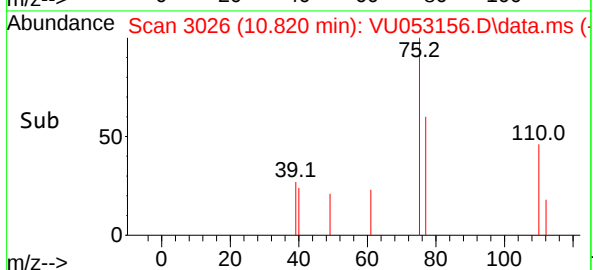
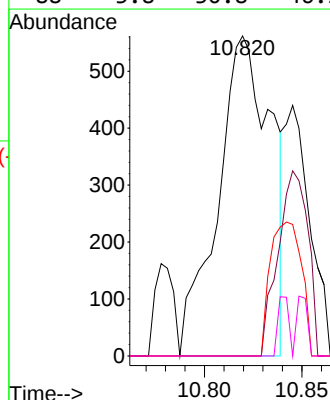
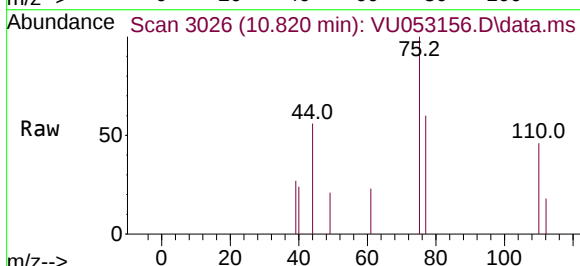
Ion Ratio Lower Upper

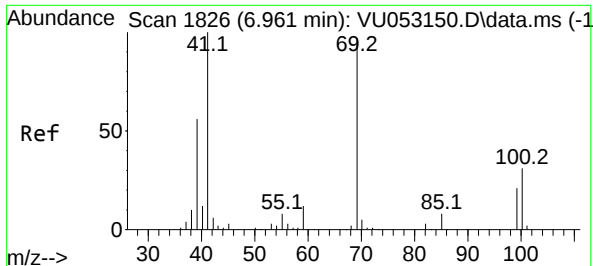
75 100

53 0.0 57.0 85.4#

89 0.0 43.1 64.7#

88 3.8 30.8 46.2#





#47

Methyl methacrylate

Concen: 0.387 ug/l

RT: 6.971 min Scan# 1829

Delta R.T. 0.010 min

Lab File: VU053156.D

Acq: 27 Feb 2023 17:18

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT1-2023

Tgt Ion: 69 Resp: 1269

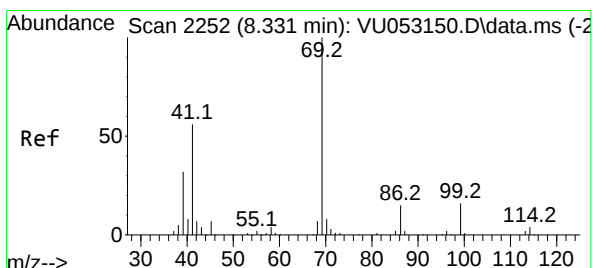
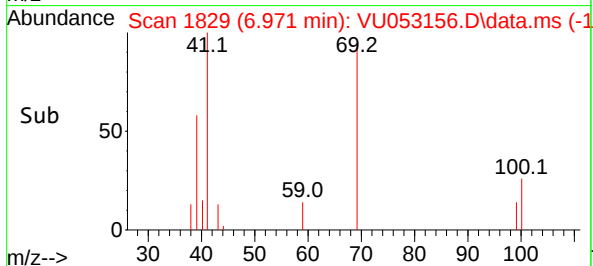
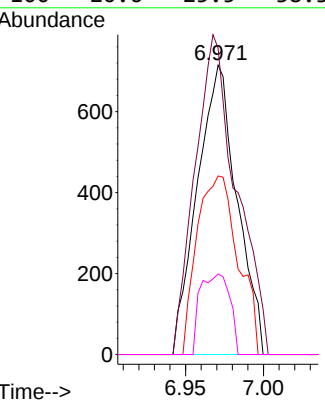
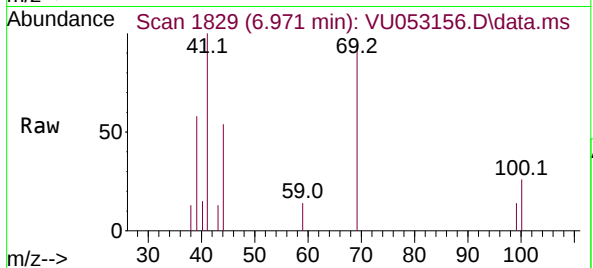
Ion Ratio Lower Upper

69 100

41 115.1 0.0 201.0

39 63.7 47.1 70.7

100 20.6 25.5 38.3#



#48

Ethyl methacrylate

Concen: 0.188 ug/l

RT: 8.334 min Scan# 2253

Delta R.T. 0.003 min

Lab File: VU053156.D

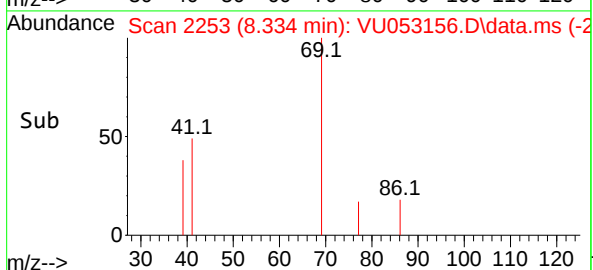
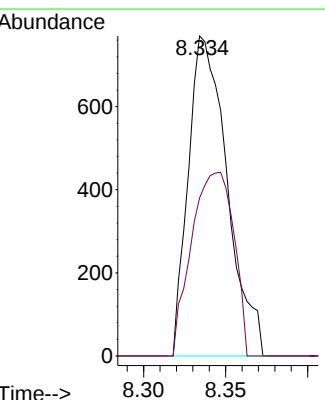
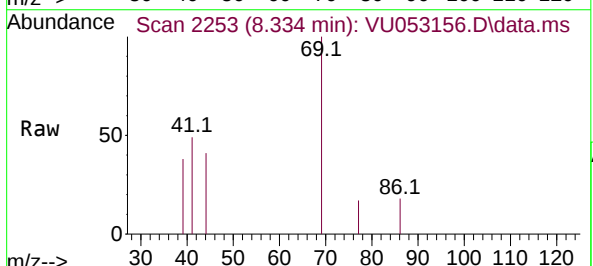
Acq: 27 Feb 2023 17:18

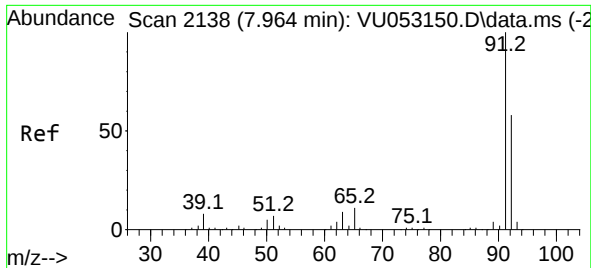
Tgt Ion: 69 Resp: 1266

Ion Ratio Lower Upper

69 100

41 62.5 28.2 84.6





#49

Toluene

Concen: 0.186 ug/l

RT: 7.964 min Scan# 2138

Delta R.T. -0.000 min

Lab File: VU053156.D

Acq: 27 Feb 2023 17:18

Instrument :

MSVOA_U

ClientSampleId :

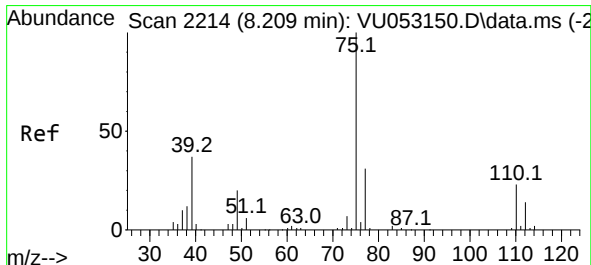
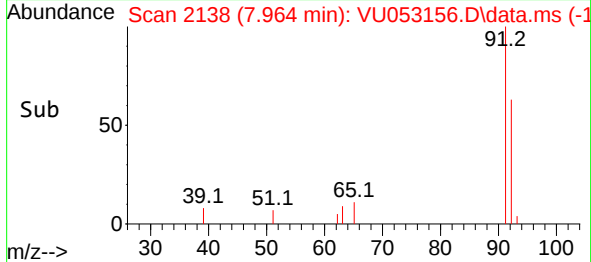
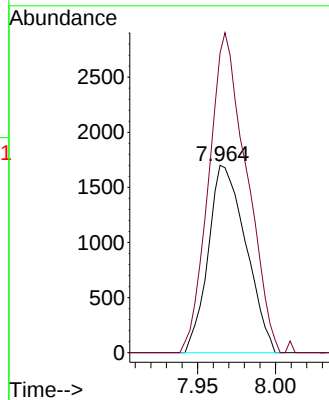
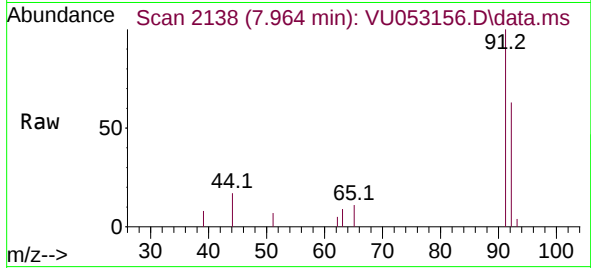
LOD-MDL-WATER-01-QT1-2023

Tgt Ion: 92 Resp: 2854

Ion Ratio Lower Upper

92 100

91 171.8 138.2 207.2



#50

t-1,3-Dichloropropene

Concen: 0.183 ug/l

RT: 8.215 min Scan# 2216

Delta R.T. 0.006 min

Lab File: VU053156.D

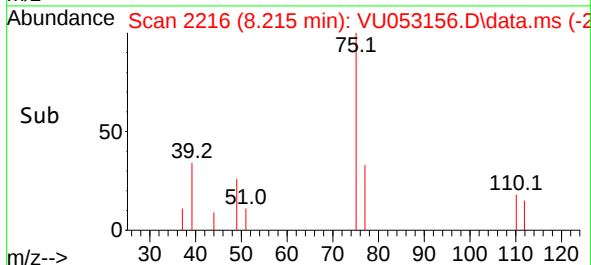
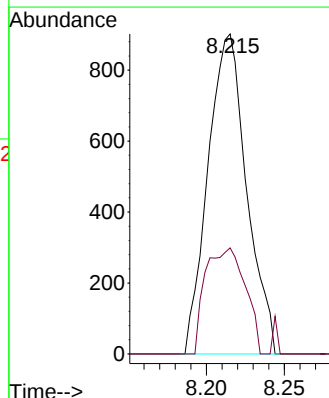
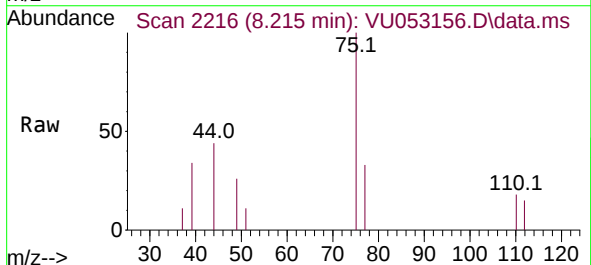
Acq: 27 Feb 2023 17:18

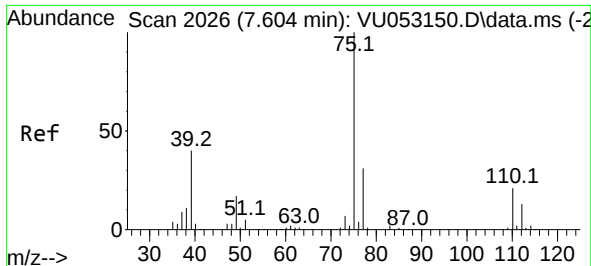
Tgt Ion: 75 Resp: 1553

Ion Ratio Lower Upper

75 100

77 33.1 25.1 37.7





#51

cis-1,3-Dichloropropene

Concen: 0.197 ug/l

RT: 7.614 min Scan# 2026

Delta R.T. 0.010 min

Lab File: VU053156.D

Acq: 27 Feb 2023 17:18

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT1-2023

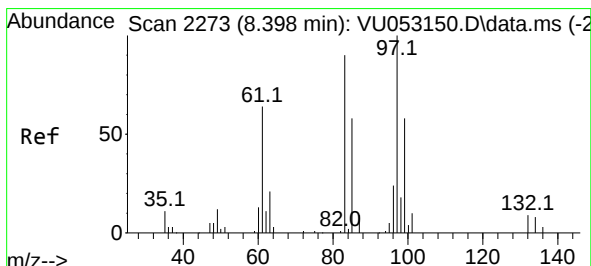
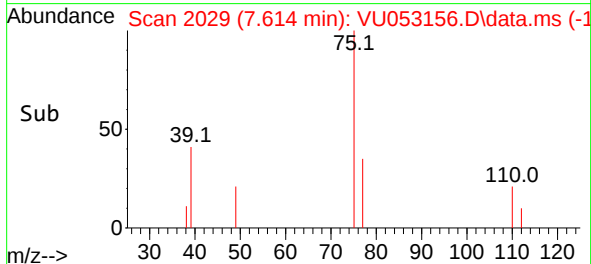
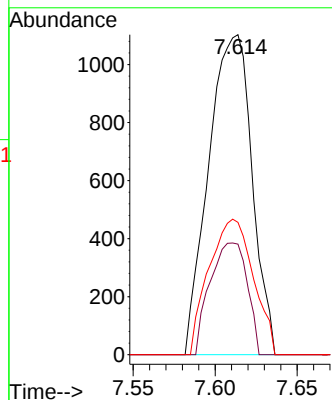
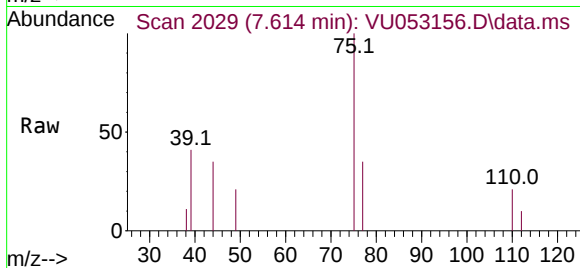
Tgt Ion: 75 Resp: 2026

Ion Ratio Lower Upper

75 100

77 34.5 24.9 37.3

39 41.3 32.2 48.2



#52

1,1,2-Trichloroethane

Concen: 0.199 ug/l

RT: 8.398 min Scan# 2273

Delta R.T. -0.000 min

Lab File: VU053156.D

Acq: 27 Feb 2023 17:18

Tgt Ion: 97 Resp: 931

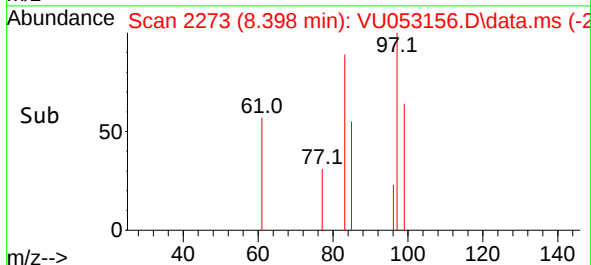
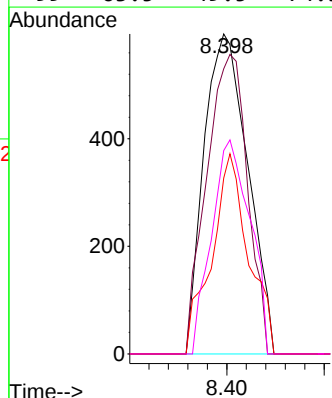
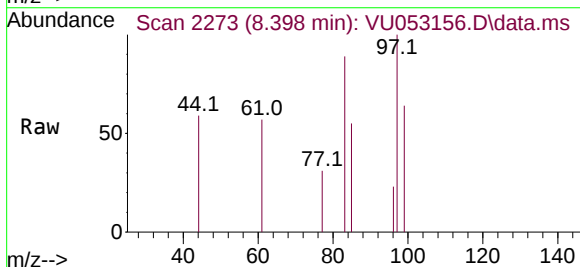
Ion Ratio Lower Upper

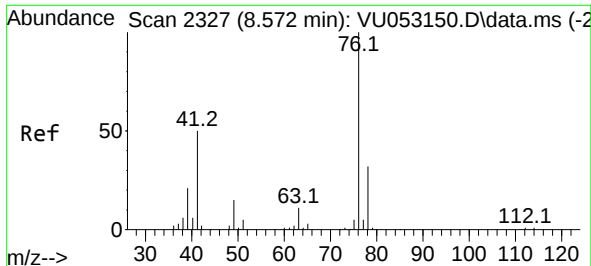
97 100

83 89.1 71.9 107.9

85 55.0 46.5 69.7

99 63.5 49.5 74.3





#53

1,3-Dichloropropane

Concen: 0.197 ug/l

RT: 8.575 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU053156.D

Acq: 27 Feb 2023 17:18

Instrument :

MSVOA_U

ClientSampleId :

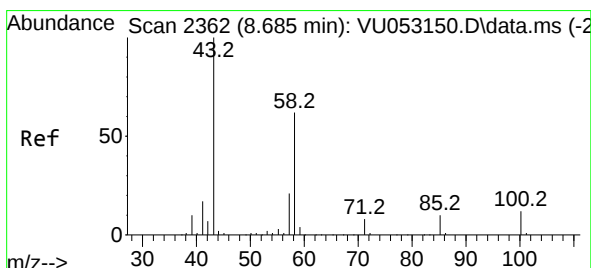
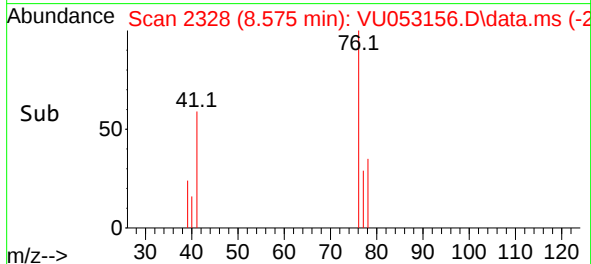
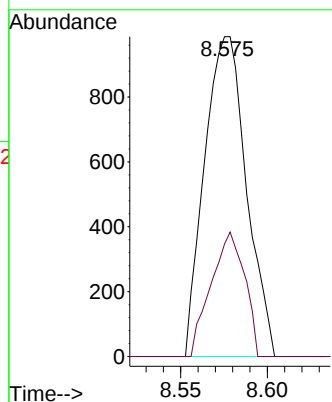
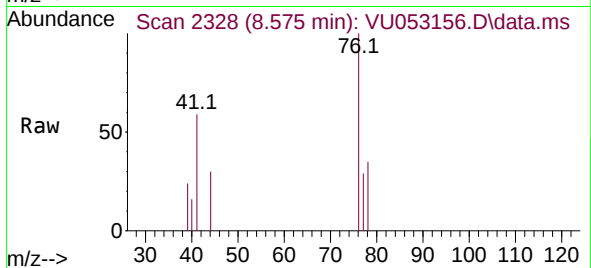
LOD-MDL-WATER-01-QT1-2023

Tgt Ion: 76 Resp: 1657

Ion Ratio Lower Upper

76 100

78 31.3 25.9 38.9



#54

2-Hexanone

Concen: 1.056 ug/l

RT: 8.691 min Scan# 2364

Delta R.T. 0.006 min

Lab File: VU053156.D

Acq: 27 Feb 2023 17:18

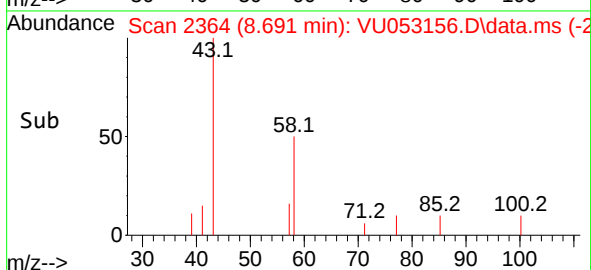
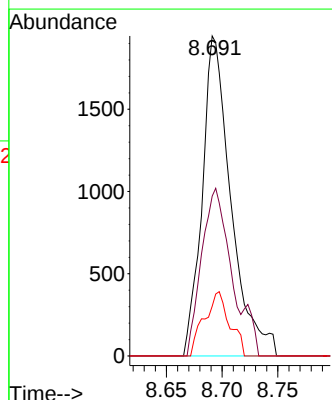
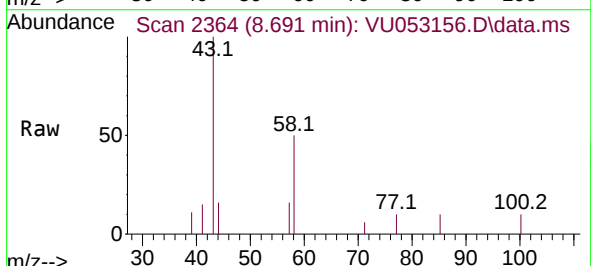
Tgt Ion: 43 Resp: 3503

Ion Ratio Lower Upper

43 100

58 49.8 42.0 82.0

57 17.7 1.2 41.2

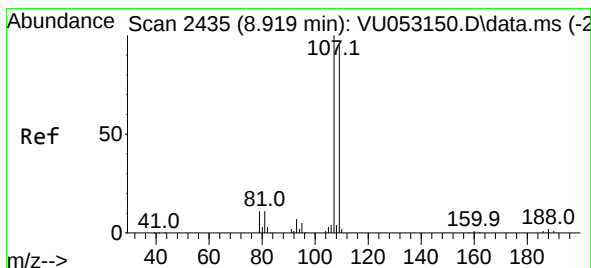
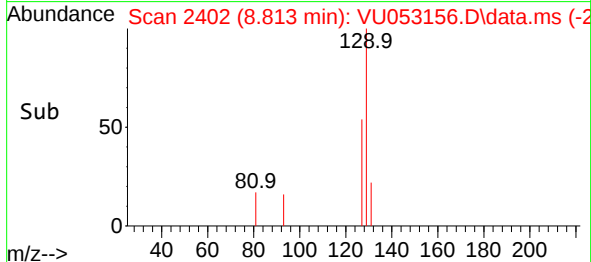
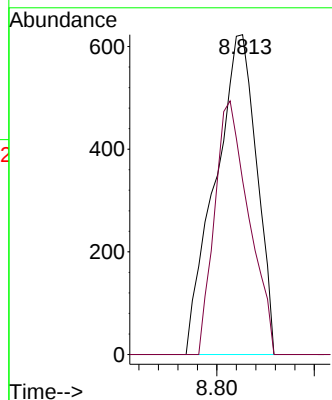
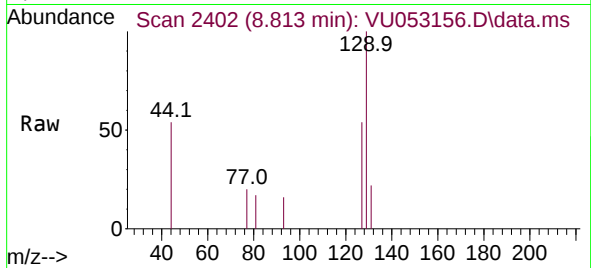




#55
Dibromochloromethane
Concen: 0.172 ug/l
RT: 8.813 min Scan# 2400
Delta R.T. 0.006 min
Lab File: VU053156.D
Acq: 27 Feb 2023 17:18

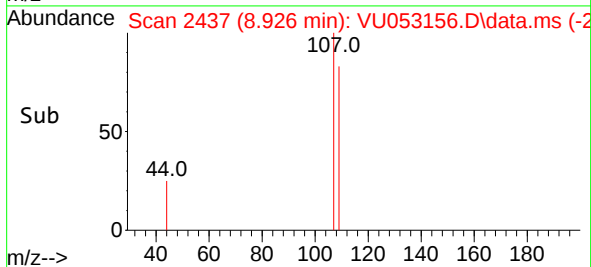
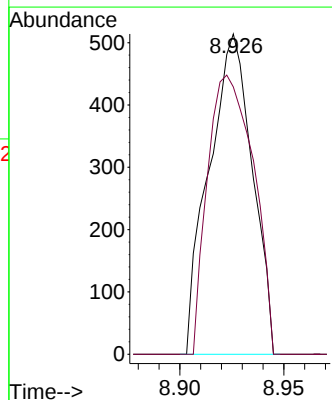
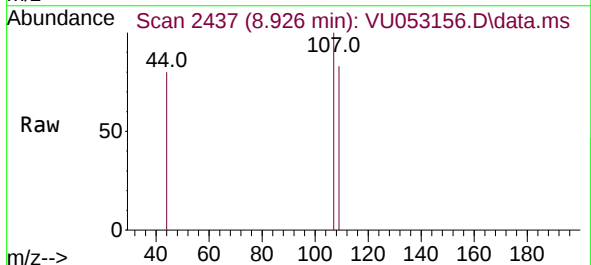
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

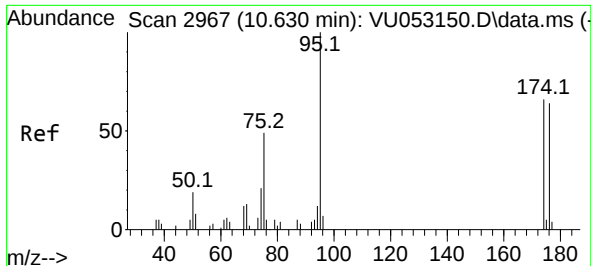
Tgt Ion:129 Resp: 920
Ion Ratio Lower Upper
129 100
127 65.3 61.1 91.7



#56
1,2-Dibromoethane
Concen: 0.179 ug/l
RT: 8.926 min Scan# 2437
Delta R.T. 0.006 min
Lab File: VU053156.D
Acq: 27 Feb 2023 17:18

Tgt Ion:107 Resp: 744
Ion Ratio Lower Upper
107 100
109 92.3 0.0 186.2

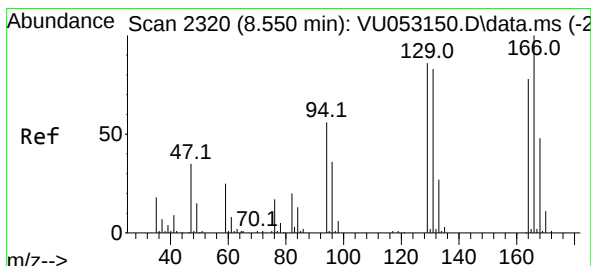
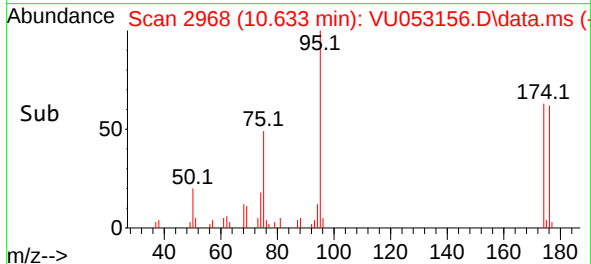
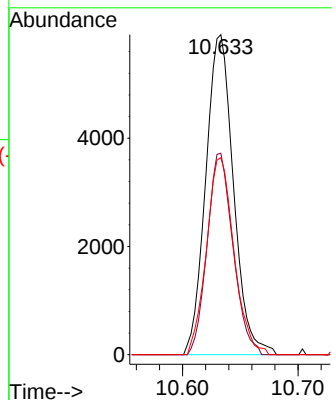
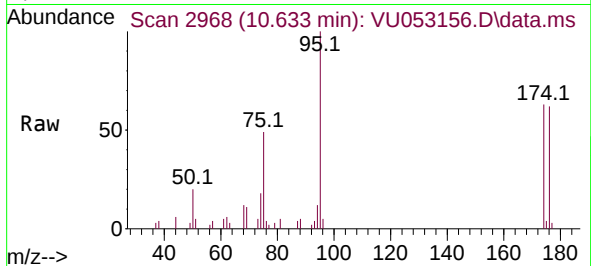




#57
4-Bromofluorobenzene
Concen: 0.942 ug/l
RT: 10.633 min Scan# 2967
Delta R.T. 0.003 min
Lab File: VU053156.D
Acq: 27 Feb 2023 17:18

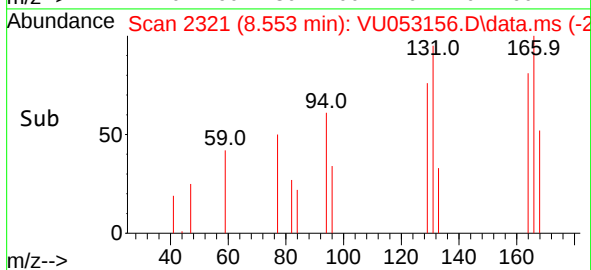
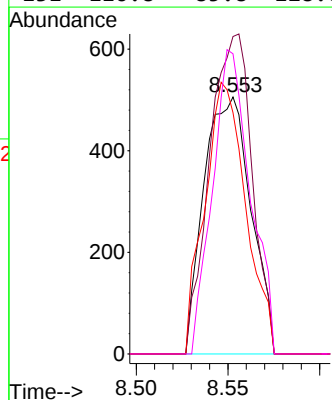
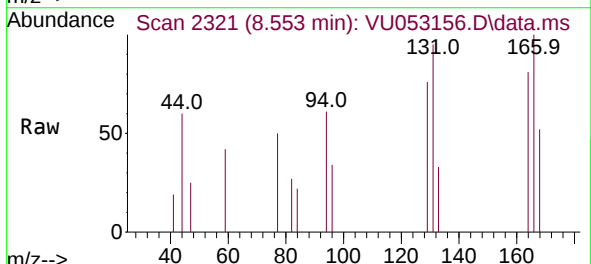
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

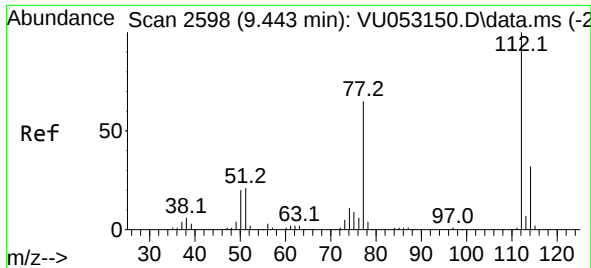
Tgt Ion: 95 Resp: 9875
Ion Ratio Lower Upper
95 100
174 58.6 50.7 76.1
176 60.8 47.8 71.6



#58
Tetrachloroethene
Concen: 0.198 ug/l
RT: 8.553 min Scan# 2321
Delta R.T. 0.003 min
Lab File: VU053156.D
Acq: 27 Feb 2023 17:18

Tgt Ion: 164 Resp: 902
Ion Ratio Lower Upper
164 100
166 123.5 103.2 154.8
129 93.9 88.8 133.2
131 116.8 85.8 128.6





#59

Chlorobenzene

Concen: 0.198 ug/l

RT: 9.450 min Scan# 2

Delta R.T. 0.006 min

Lab File: VU053156.D

Acq: 27 Feb 2023 17:18

Instrument :

MSVOA_U

ClientSampleId :

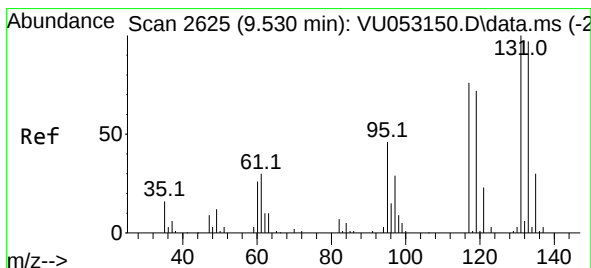
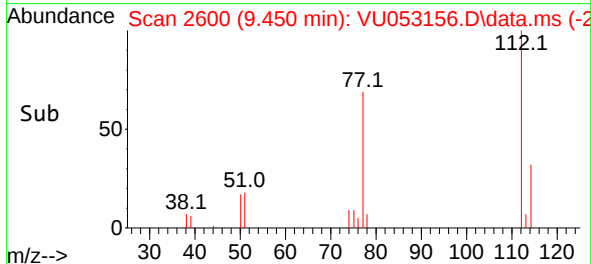
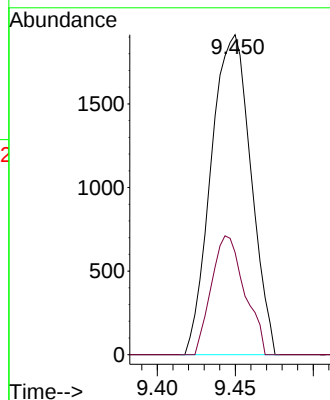
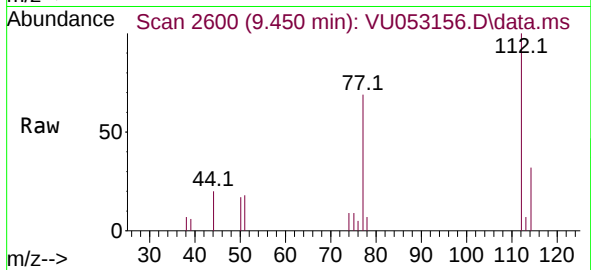
LOD-MDL-WATER-01-QT1-2023

Tgt Ion:112 Resp: 3396

Ion Ratio Lower Upper

112 100

114 32.0 25.8 38.6



#60

1,1,1,2-Tetrachloroethane

Concen: 0.193 ug/l

RT: 9.533 min Scan# 2626

Delta R.T. 0.003 min

Lab File: VU053156.D

Acq: 27 Feb 2023 17:18

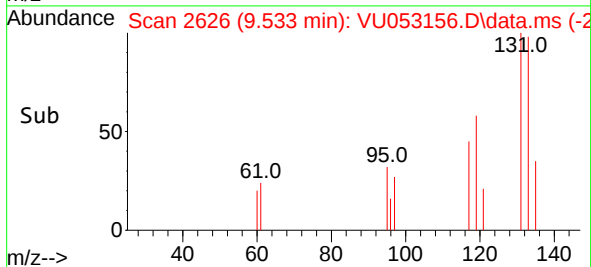
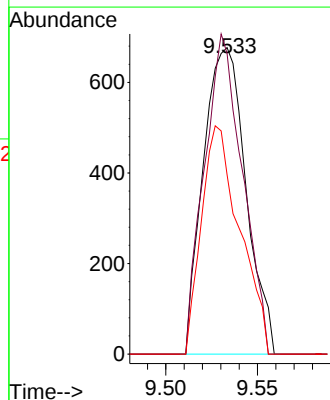
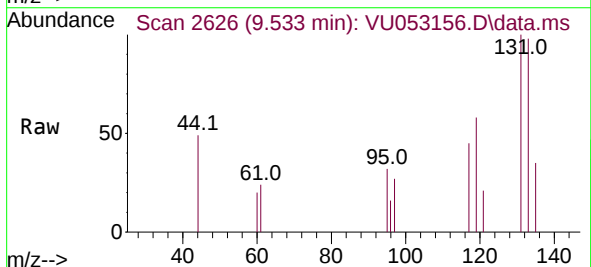
Tgt Ion:131 Resp: 1095

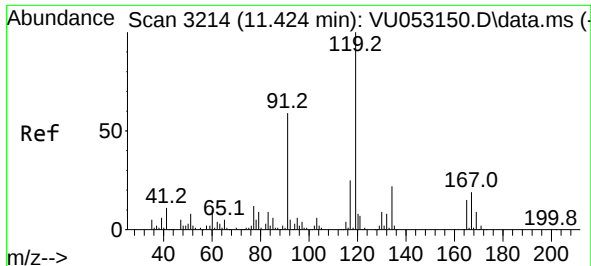
Ion Ratio Lower Upper

131 100

133 93.6 76.7 115.1

119 66.9 57.6 86.4

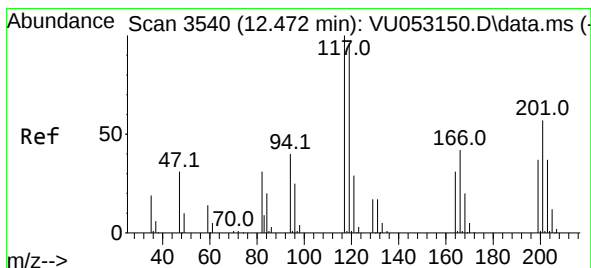
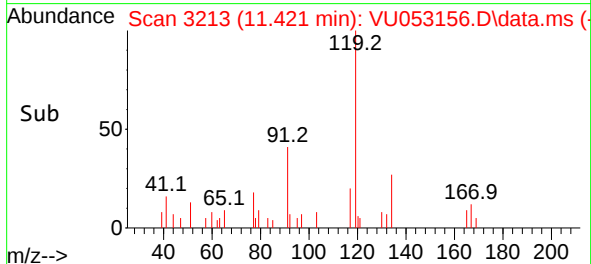
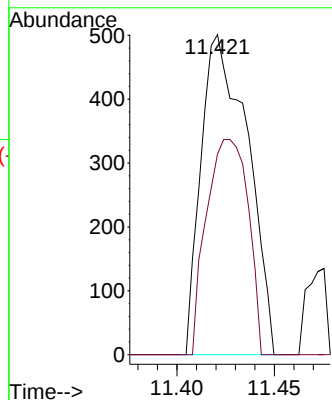
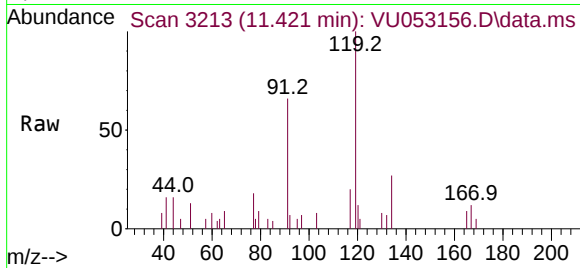




#61
Pentachloroethane
Concen: 0.169 ug/l
RT: 11.421 min Scan# 3117
Delta R.T. -0.003 min
Lab File: VU053156.D
Acq: 27 Feb 2023 17:18

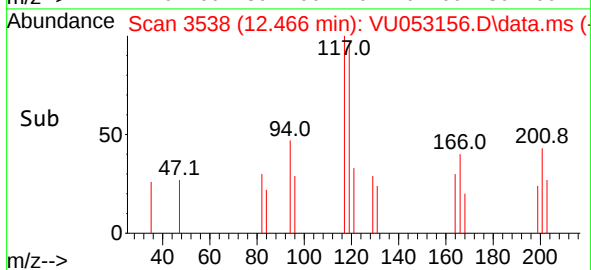
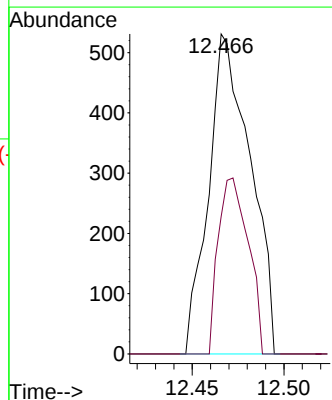
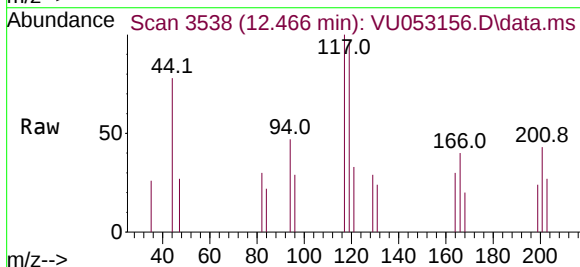
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

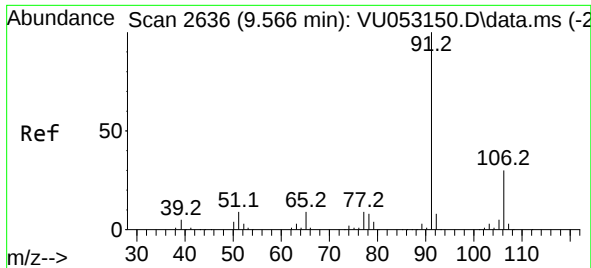
Tgt Ion:117 Resp: 829
Ion Ratio Lower Upper
117 100
167 60.3 57.5 86.3



#62
Hexachloroethane
Concen: 0.155 ug/l
RT: 12.466 min Scan# 3538
Delta R.T. -0.006 min
Lab File: VU053156.D
Acq: 27 Feb 2023 17:18

Tgt Ion:117 Resp: 840
Ion Ratio Lower Upper
117 100
201 39.4 46.7 70.1#

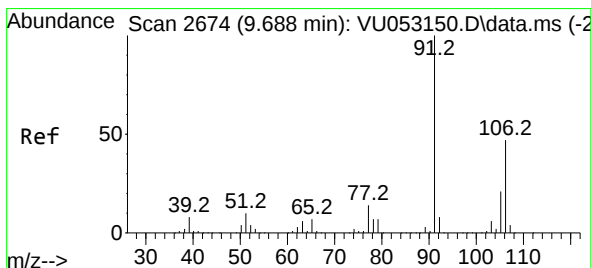
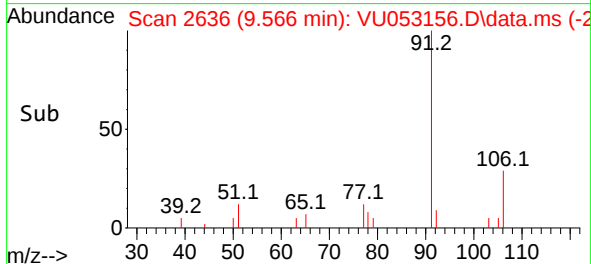
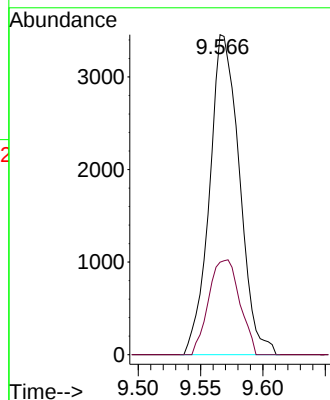
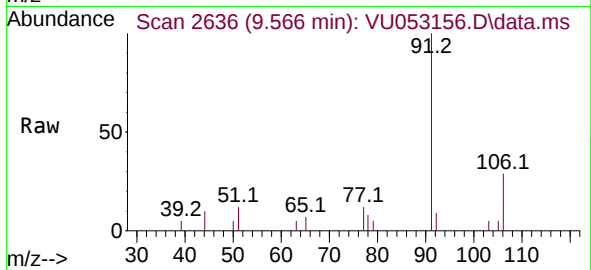




#63
Ethyl Benzene
Concen: 0.182 ug/l
RT: 9.566 min Scan# 2636
Delta R.T. -0.000 min
Lab File: VU053156.D
Acq: 27 Feb 2023 17:18

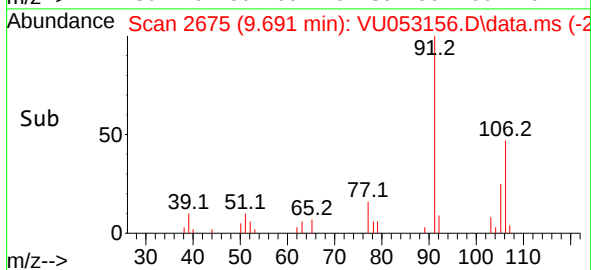
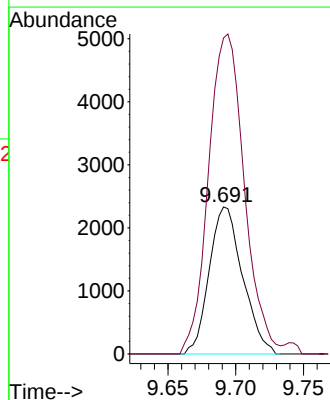
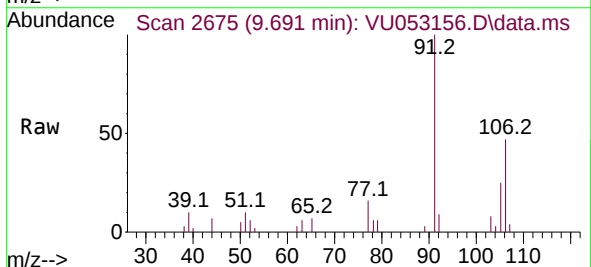
Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT1-2023

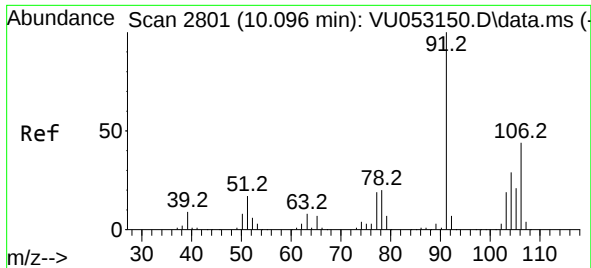
Tgt Ion: 91 Resp: 5768
Ion Ratio Lower Upper
91 100
106 28.9 24.0 36.0



#64
m/p-Xylenes
Concen: 0.349 ug/l
RT: 9.691 min Scan# 2675
Delta R.T. 0.003 min
Lab File: VU053156.D
Acq: 27 Feb 2023 17:18

Tgt Ion:106 Resp: 3999
Ion Ratio Lower Upper
106 100
91 233.1 170.7 256.1

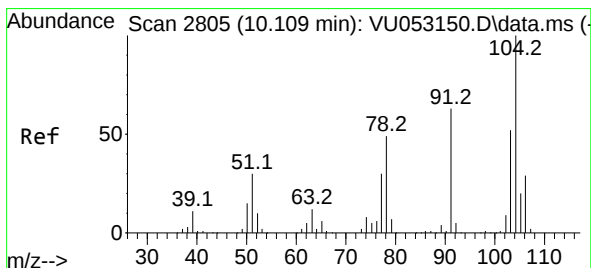
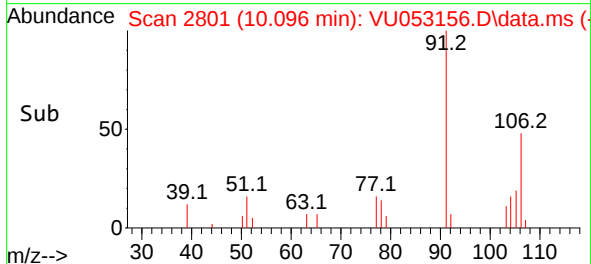
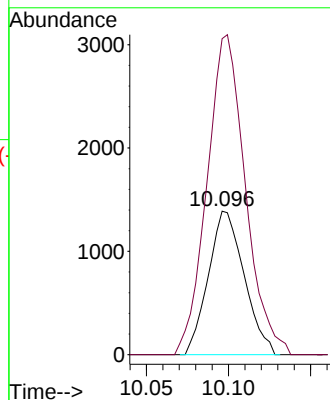
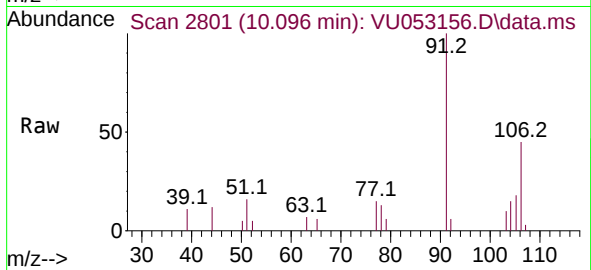




#65
o-Xylene
Concen: 0.180 ug/l
RT: 10.096 min Scan# 2801
Delta R.T. -0.000 min
Lab File: VU053156.D
Acq: 27 Feb 2023 17:18

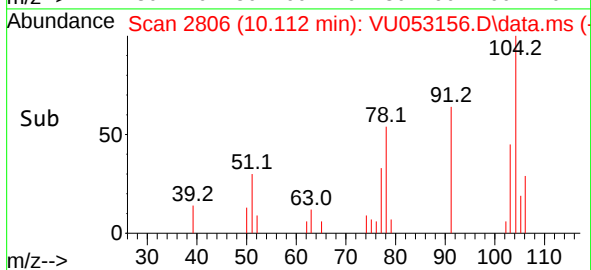
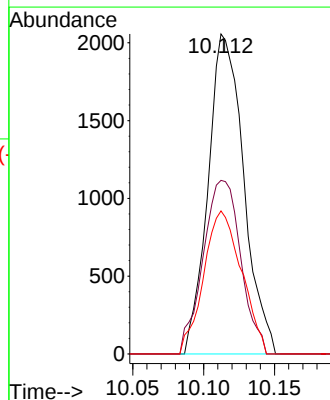
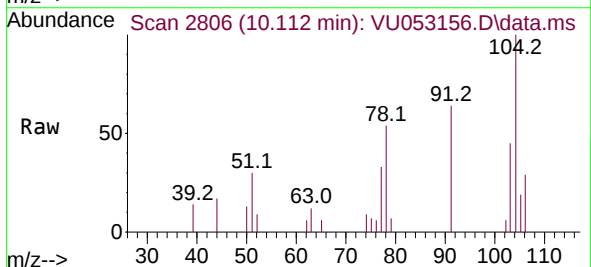
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

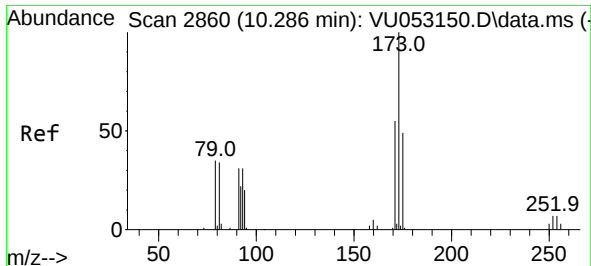
Tgt Ion:106 Resp: 2108
Ion Ratio Lower Upper
106 100
91 238.9 112.8 338.4



#66
Styrene
Concen: 0.194 ug/l
RT: 10.112 min Scan# 2806
Delta R.T. 0.003 min
Lab File: VU053156.D
Acq: 27 Feb 2023 17:18

Tgt Ion:104 Resp: 3597
Ion Ratio Lower Upper
104 100
78 57.3 43.3 64.9
103 47.5 45.2 67.8

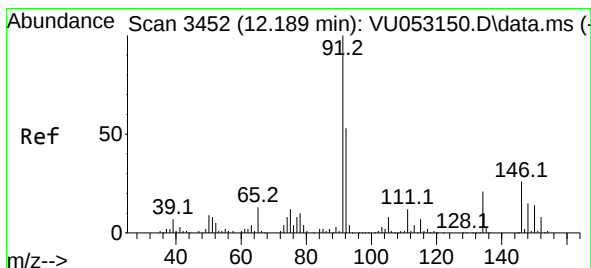
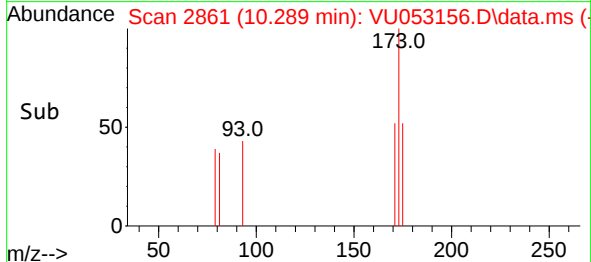
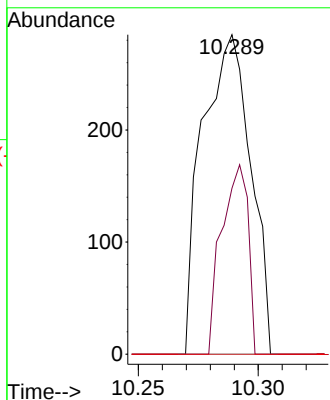
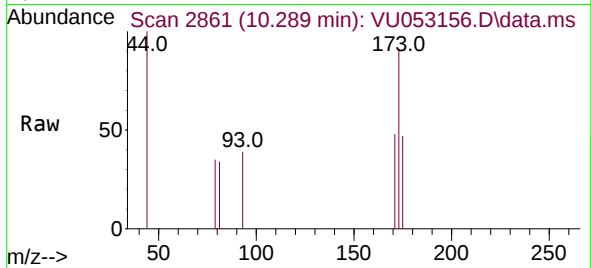




#67
Bromoform
Concen: 0.153 ug/l
RT: 10.289 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU053156.D
Acq: 27 Feb 2023 17:18

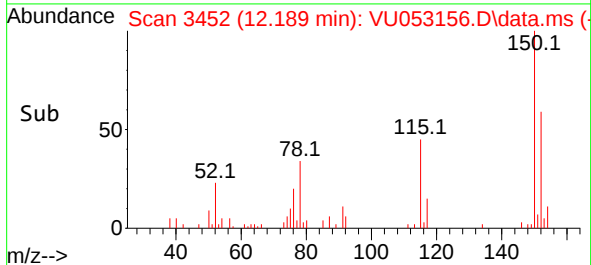
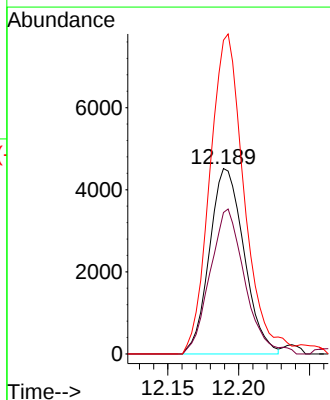
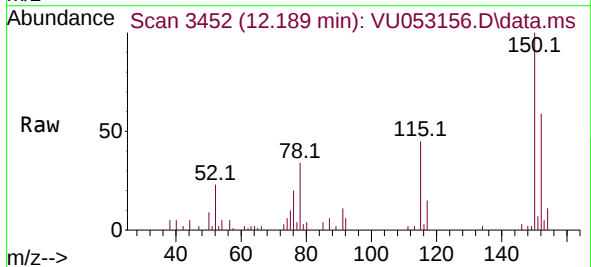
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

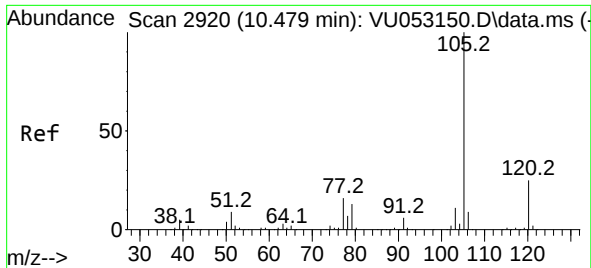
Tgt Ion:173 Resp: 398
Ion Ratio Lower Upper
173 100
175 32.7 38.7 58.1#
254 0.0 5.8 8.8#



#68
1,2-Dichlorobenzene-d4
Concen: 0.922 ug/l
RT: 12.189 min Scan# 3452
Delta R.T. -0.000 min
Lab File: VU053156.D
Acq: 27 Feb 2023 17:18

Tgt Ion:152 Resp: 7658
Ion Ratio Lower Upper
152 100
115 78.6 0.0 267.8
150 171.9 0.0 623.0

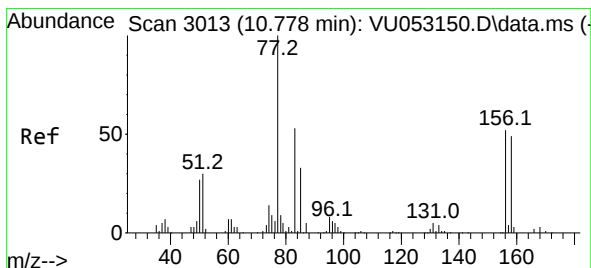
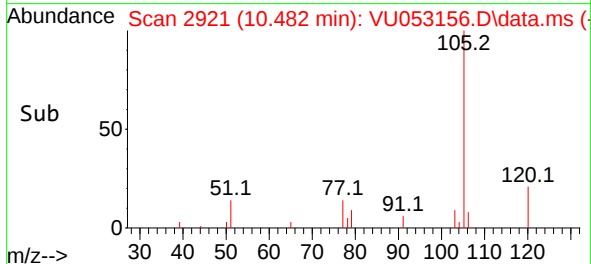
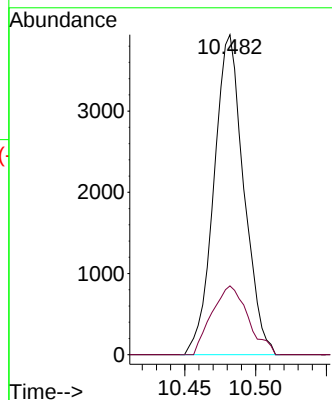
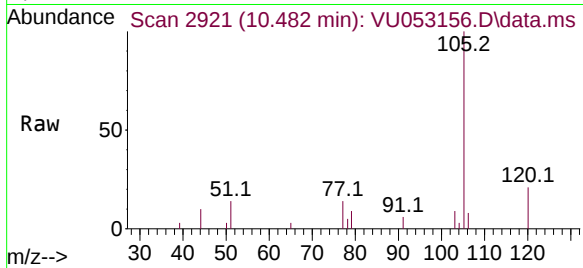




#69
Isopropylbenzene
Concen: 0.185 ug/l
RT: 10.482 min Scan# 2921
Delta R.T. 0.003 min
Lab File: VU053156.D
Acq: 27 Feb 2023 17:18

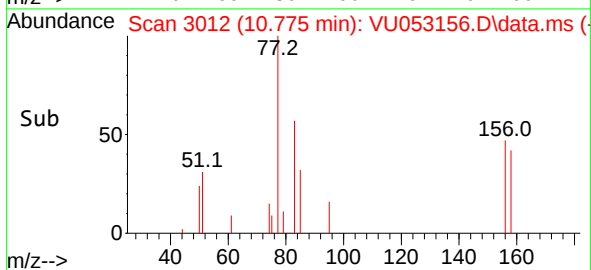
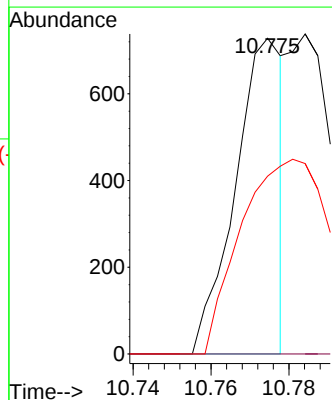
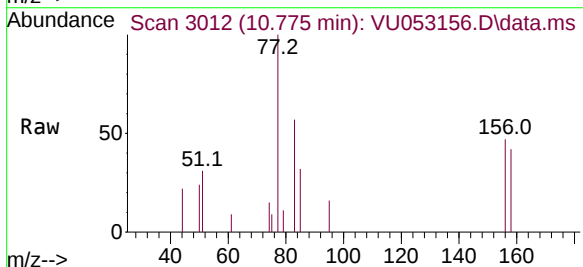
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

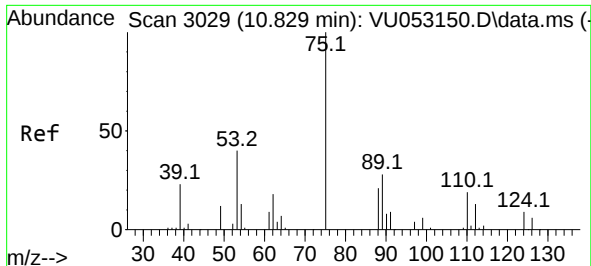
Tgt Ion:105 Resp: 5789
Ion Ratio Lower Upper
105 100
120 26.0 12.6 37.6



#70
1,1,2,2-Tetrachloroethane
Concen: 0.098 ug/l
RT: 10.775 min Scan# 3012
Delta R.T. -0.003 min
Lab File: VU053156.D
Acq: 27 Feb 2023 17:18

Tgt Ion: 83 Resp: 616
Ion Ratio Lower Upper
83 100
131 0.0 6.6 9.8#
85 120.9 49.3 73.9#



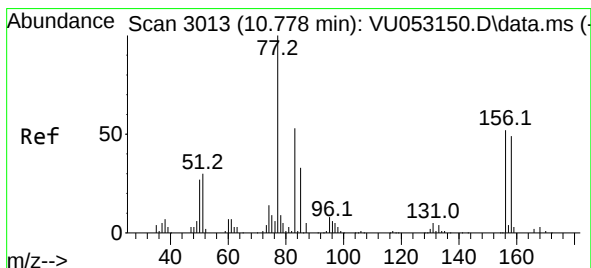
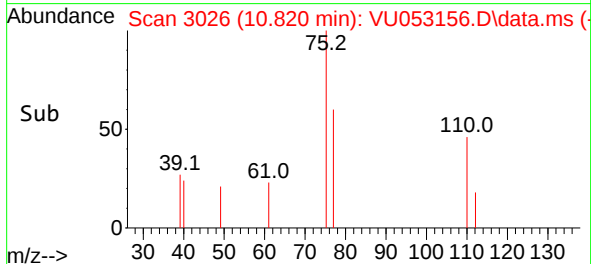
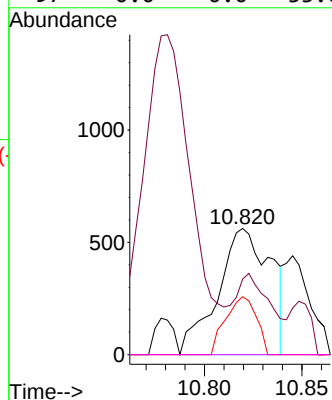
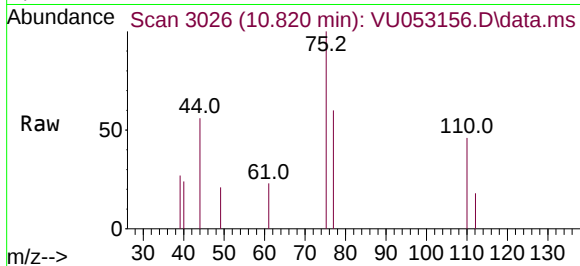


#71
1,2,3-Trichloropropane
Concen: 0.196 ug/l
RT: 10.820 min Scan# 3029
Delta R.T. -0.010 min
Lab File: VU053156.D
Acq: 27 Feb 2023 17:18

Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

Tgt Ion: 75 Resp: 1063

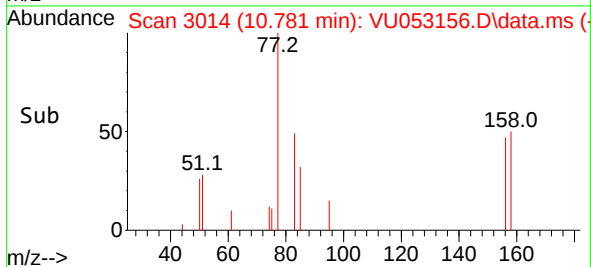
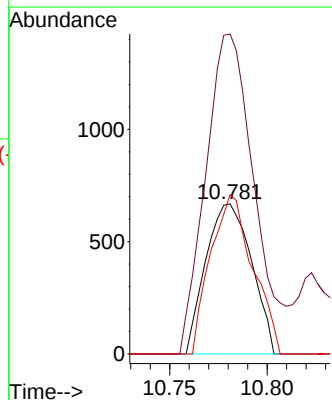
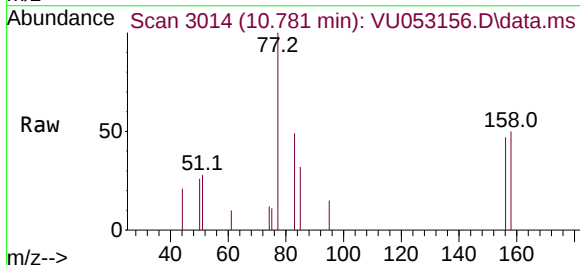
Ion	Ratio	Lower	Upper
75	100		
77	45.8	0.0	98.2
110	26.6	0.0	57.0
97	0.0	0.0	33.6

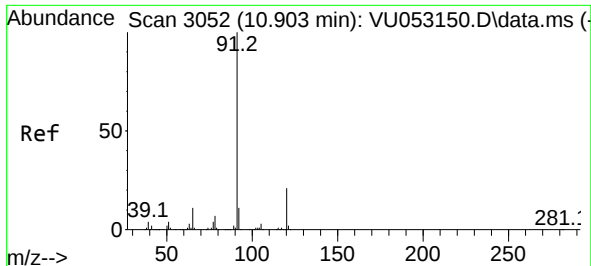


#72
Bromobenzene
Concen: 0.179 ug/l
RT: 10.781 min Scan# 3014
Delta R.T. 0.003 min
Lab File: VU053156.D
Acq: 27 Feb 2023 17:18

Tgt Ion: 156 Resp: 1089

Ion	Ratio	Lower	Upper
156	100		
77	225.8	0.0	397.0
158	98.1	0.0	189.2

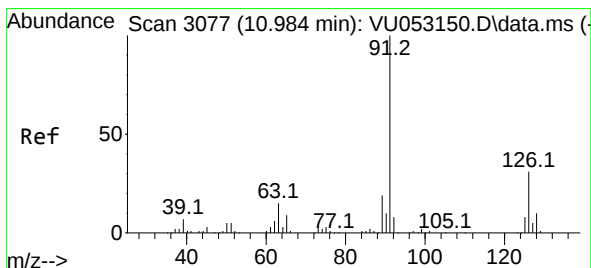
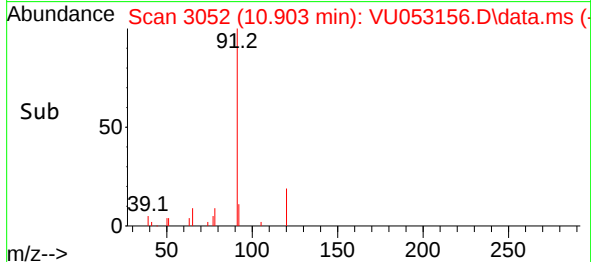
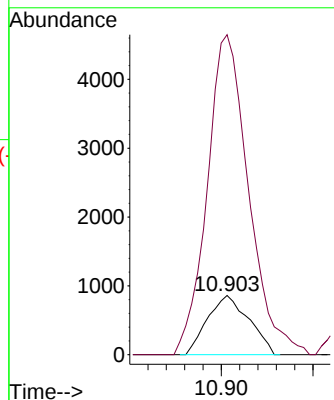
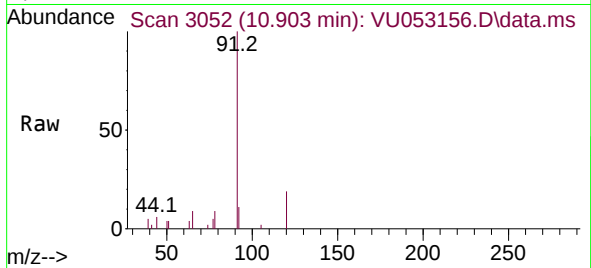




#73
n-propylbenzene
Concen: 0.163 ug/l
RT: 10.903 min Scan# 3052
Delta R.T. -0.000 min
Lab File: VU053156.D
Acq: 27 Feb 2023 17:18

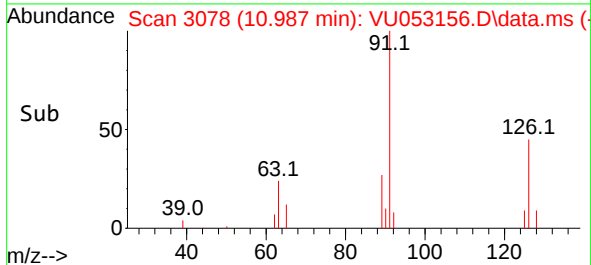
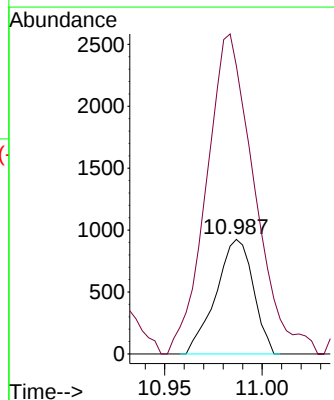
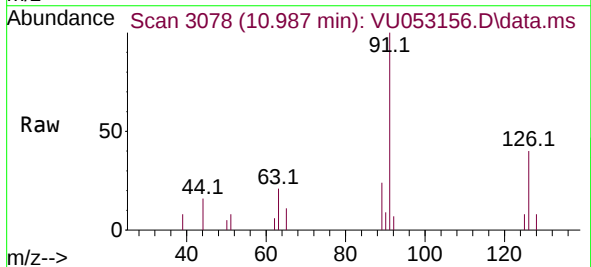
Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT1-2023

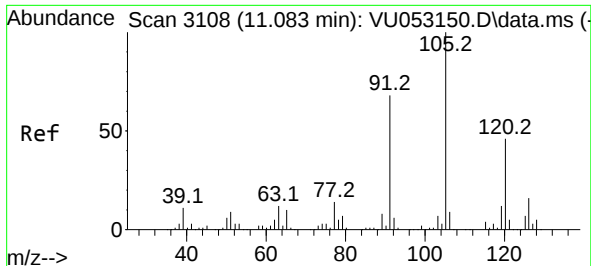
Tgt Ion:120 Resp: 1353
Ion Ratio Lower Upper
120 100
91 539.5 372.5 558.7



#74
2-Chlorotoluene
Concen: 0.179 ug/l
RT: 10.987 min Scan# 3078
Delta R.T. 0.003 min
Lab File: VU053156.D
Acq: 27 Feb 2023 17:18

Tgt Ion:126 Resp: 1231
Ion Ratio Lower Upper
126 100
91 358.1 0.0 658.6

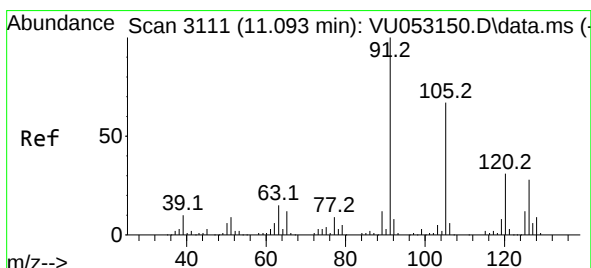
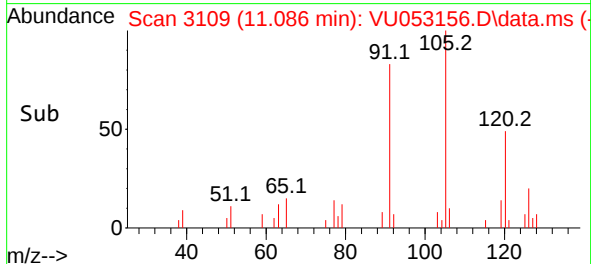
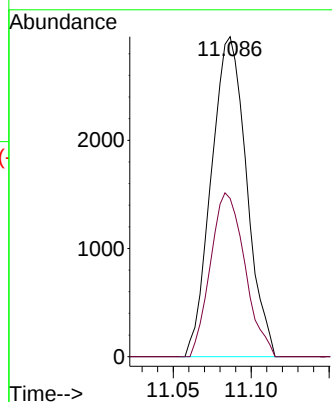
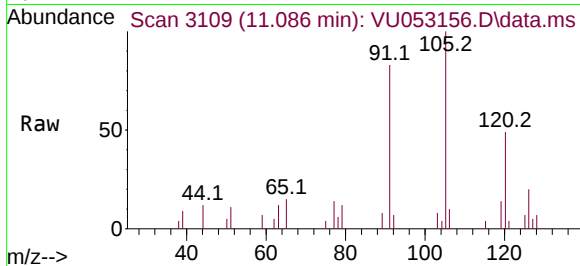




#75
1,3,5-Trimethylbenzene
Concen: 0.178 ug/l
RT: 11.086 min Scan# 3109
Delta R.T. 0.003 min
Lab File: VU053156.D
Acq: 27 Feb 2023 17:18

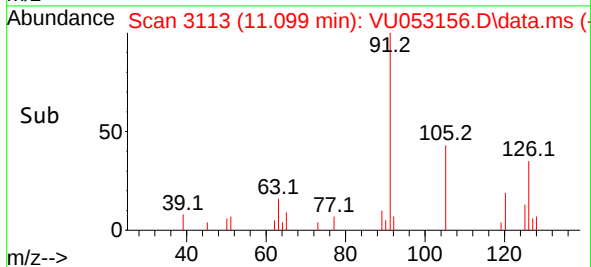
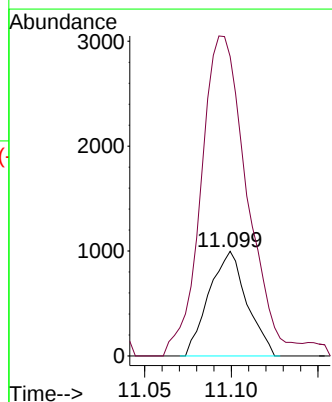
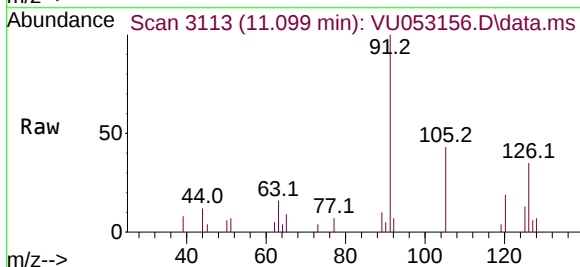
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

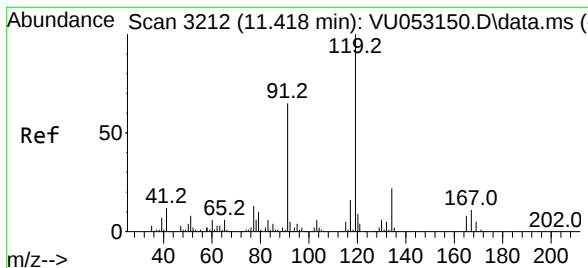
Tgt Ion:105 Resp: 4647
Ion Ratio Lower Upper
105 100
120 50.0 36.5 54.7



#76
4-Chlorotoluene
Concen: 0.210 ug/l
RT: 11.099 min Scan# 3113
Delta R.T. 0.006 min
Lab File: VU053156.D
Acq: 27 Feb 2023 17:18

Tgt Ion:126 Resp: 1518
Ion Ratio Lower Upper
126 100
91 371.9 0.0 760.6





#77

tert-Butylbenzene

Concen: 0.181 ug/l

RT: 11.418 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU053156.D

Acq: 27 Feb 2023 17:18

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT1-2023

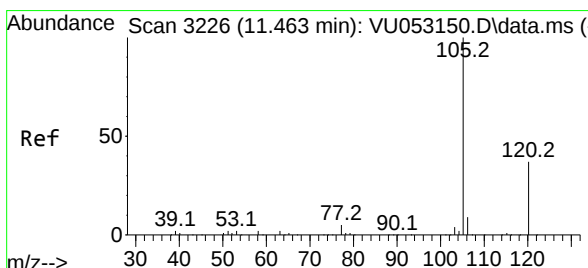
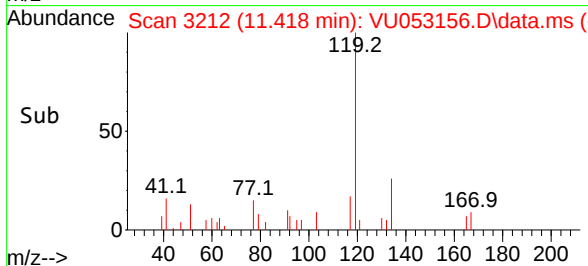
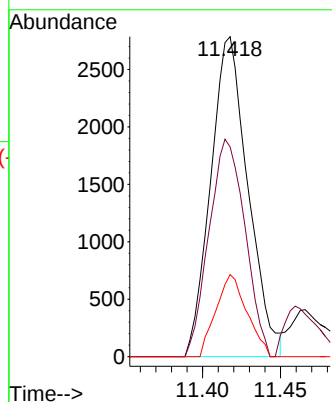
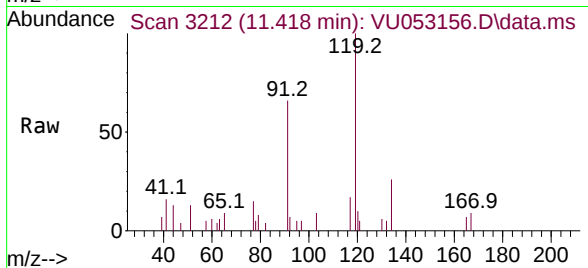
Tgt Ion:119 Resp: 4640

Ion Ratio Lower Upper

119 100

91 65.5 31.9 95.7

134 21.2 17.4 26.0



#78

1,2,4-Trimethylbenzene

Concen: 0.192 ug/l

RT: 11.466 min Scan# 3227

Delta R.T. 0.003 min

Lab File: VU053156.D

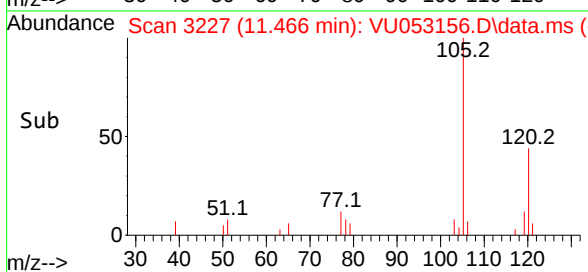
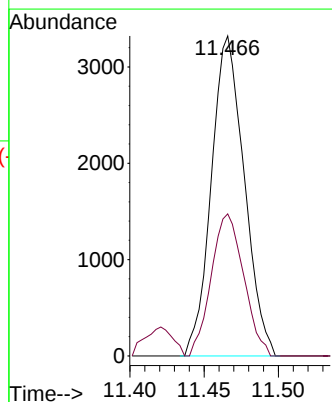
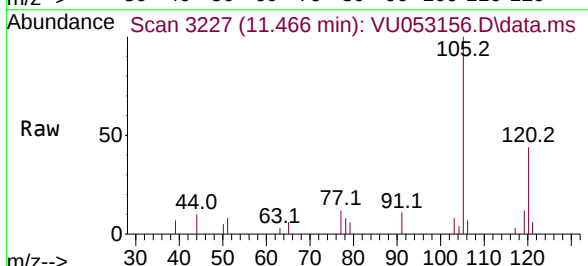
Acq: 27 Feb 2023 17:18

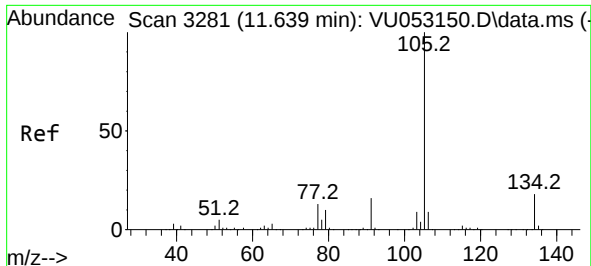
Tgt Ion:105 Resp: 5121

Ion Ratio Lower Upper

105 100

120 43.8 21.1 63.1

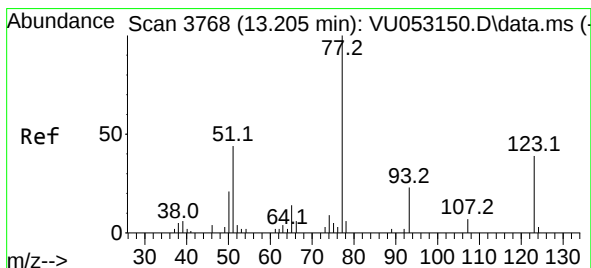
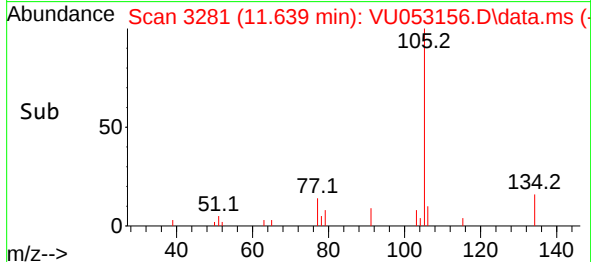
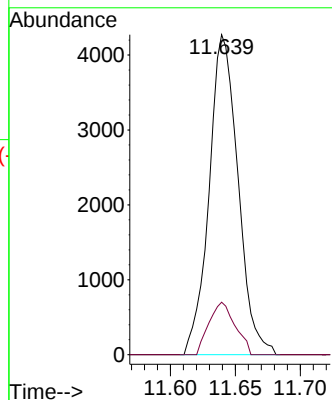
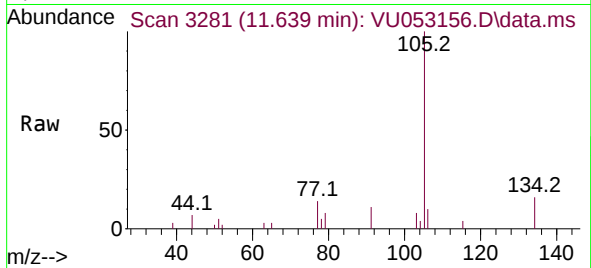




#79
 sec-Butylbenzene
 Concen: 0.186 ug/l
 RT: 11.639 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU053156.D
 Acq: 27 Feb 2023 17:18

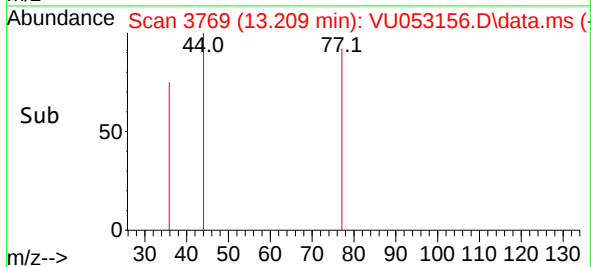
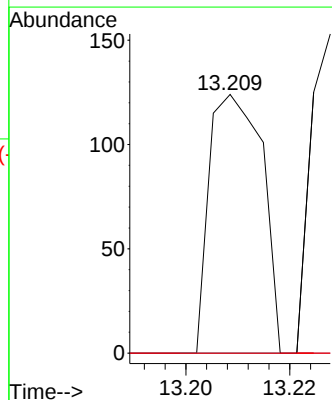
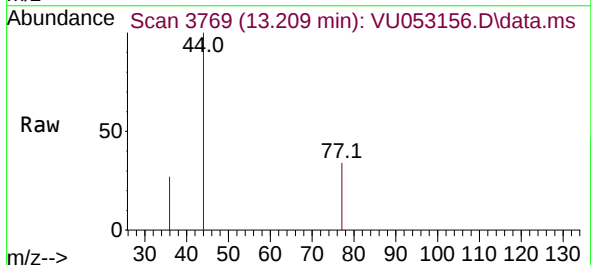
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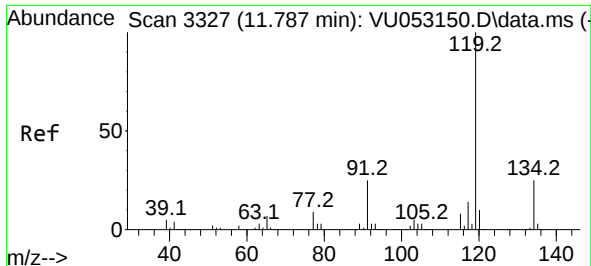
Tgt Ion:105 Resp: 6606
 Ion Ratio Lower Upper
 105 100
 134 14.9 14.4 21.6



#80
 Nitrobenzene
 Concen: 0.264 ug/l
 RT: 13.209 min Scan# 3769
 Delta R.T. 0.003 min
 Lab File: VU053156.D
 Acq: 27 Feb 2023 17:18

Tgt Ion: 77 Resp: 87
 Ion Ratio Lower Upper
 77 100
 123 0.0 17.0 60.2#
 65 0.0 12.9 16.5#

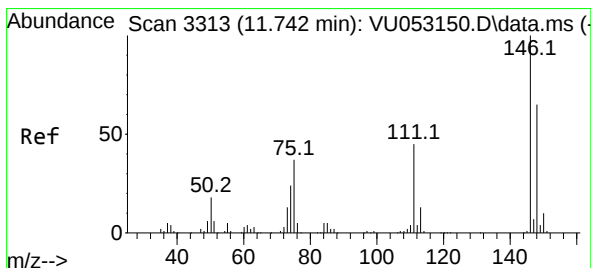
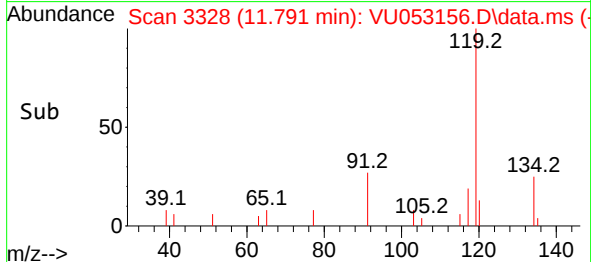
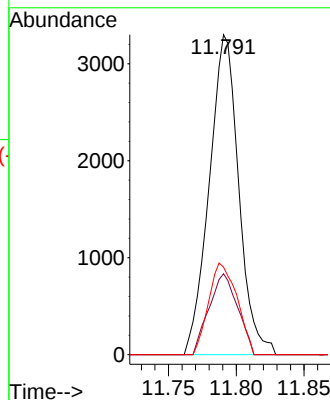
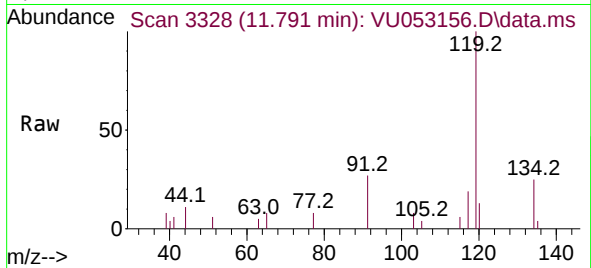




#81
p-Isopropyltoluene
Concen: 0.177 ug/l
RT: 11.791 min Scan# 3328
Delta R.T. 0.003 min
Lab File: VU053156.D
Acq: 27 Feb 2023 17:18

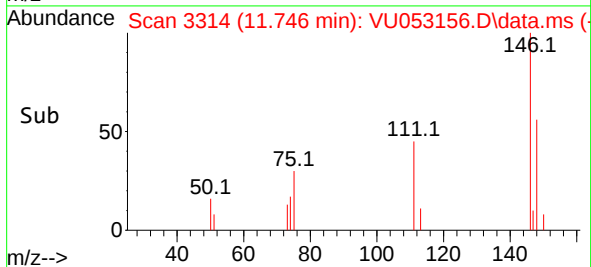
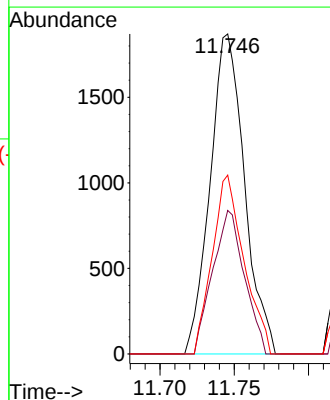
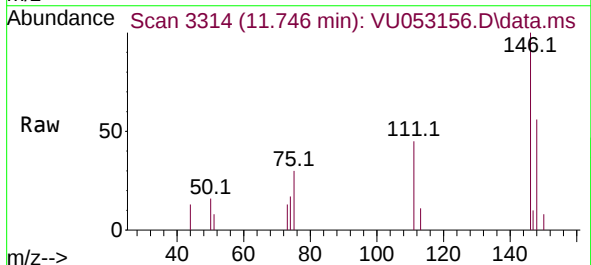
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

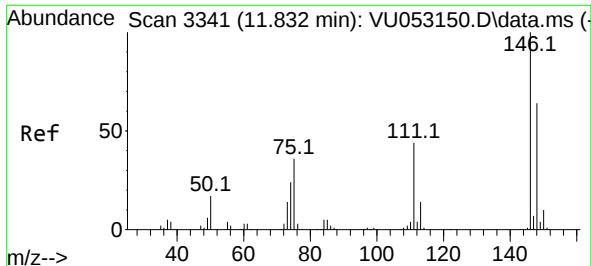
Tgt Ion:119 Resp: 4986
Ion Ratio Lower Upper
119 100
134 24.6 19.8 29.6
91 27.5 20.5 30.7



#82
1,3-Dichlorobenzene
Concen: 0.225 ug/l
RT: 11.746 min Scan# 3314
Delta R.T. 0.003 min
Lab File: VU053156.D
Acq: 27 Feb 2023 17:18

Tgt Ion:146 Resp: 3012
Ion Ratio Lower Upper
146 100
111 41.4 36.0 54.0
148 51.6 50.8 76.2

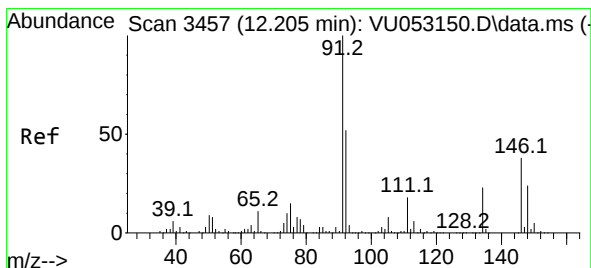
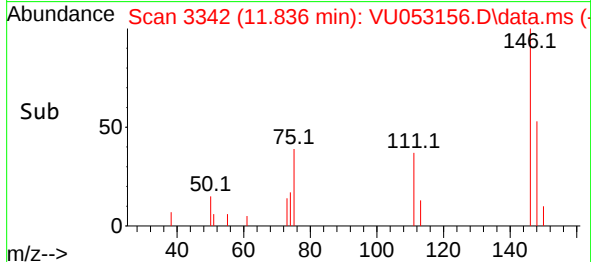
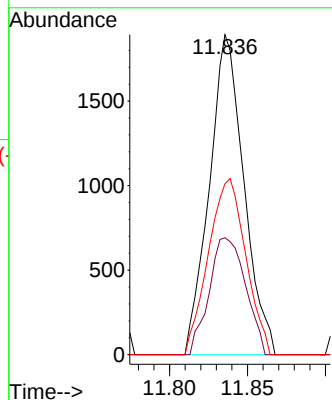
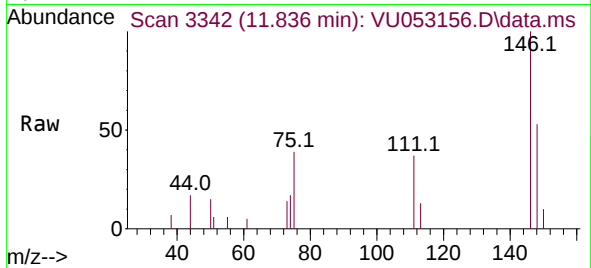




#83
1,4-Dichlorobenzene
Concen: 0.213 ug/l
RT: 11.836 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU053156.D
Acq: 27 Feb 2023 17:18

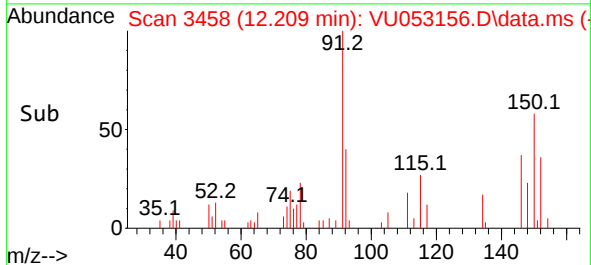
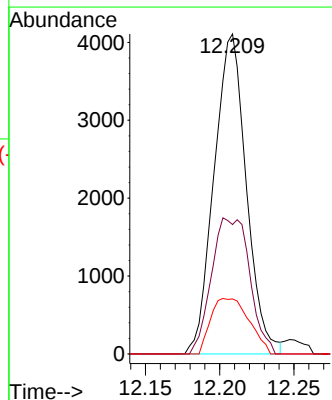
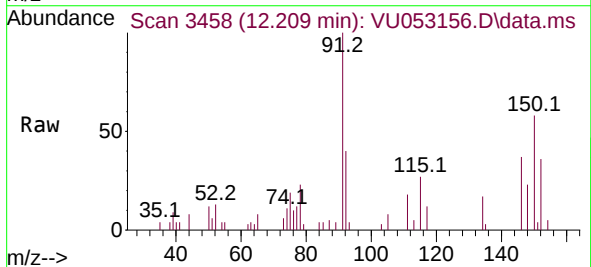
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

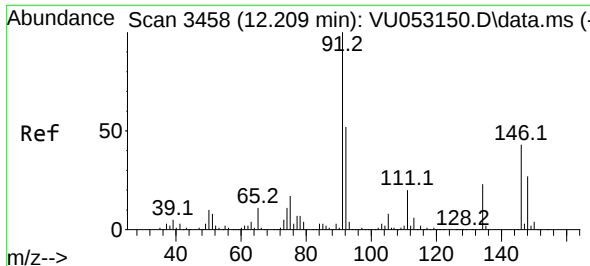
Tgt Ion:146	Resp:	2912
Ion Ratio	Lower	Upper
146	100	
111	38.5	34.0 51.0
148	59.5	49.8 74.6



#84
n-Butylbenzene
Concen: 0.213 ug/l
RT: 12.209 min Scan# 3458
Delta R.T. 0.003 min
Lab File: VU053156.D
Acq: 27 Feb 2023 17:18

Tgt Ion: 91	Resp:	6201
Ion Ratio	Lower	Upper
91	100	
92	50.2	41.8 62.6
134	20.6	17.9 26.9

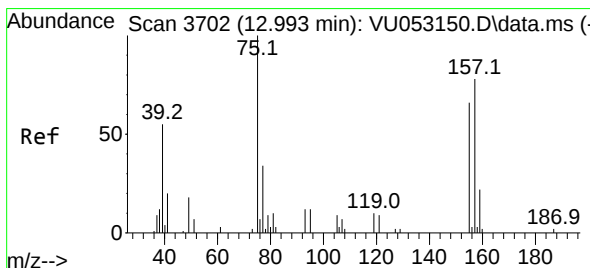
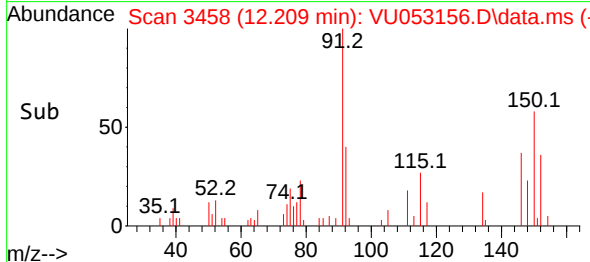
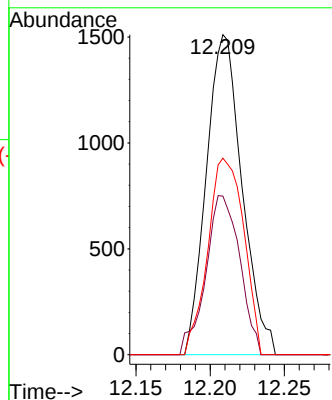
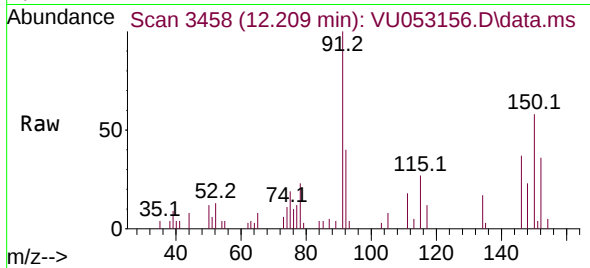




#85
 1,2-Dichlorobenzene
 Concen: 0.198 ug/l
 RT: 12.209 min Scan# 3458
 Delta R.T. -0.000 min
 Lab File: VU053156.D
 Acq: 27 Feb 2023 17:18

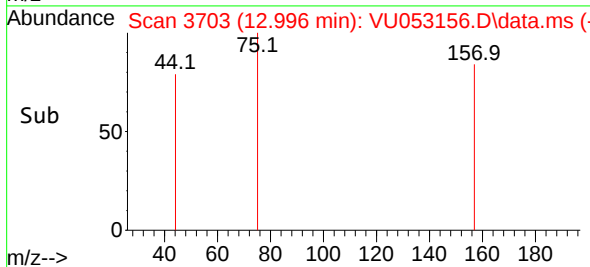
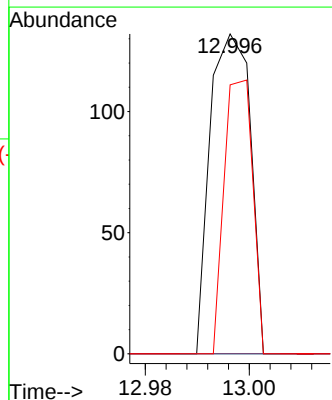
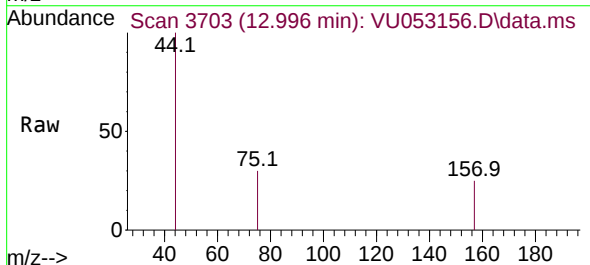
Instrument :
 MSVOA_U
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2023

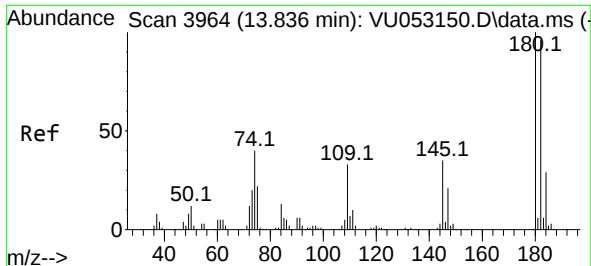
Tgt Ion:146 Resp: 2526
 Ion Ratio Lower Upper
 146 100
 111 47.4 23.2 69.6
 148 61.8 31.4 94.3



#86
 1,2-Dibromo-3-Chloropropane
 Concen: 0.071 ug/l
 RT: 12.996 min Scan# 3703
 Delta R.T. 0.003 min
 Lab File: VU053156.D
 Acq: 27 Feb 2023 17:18

Tgt Ion: 75 Resp: 71
 Ion Ratio Lower Upper
 75 100
 155 0.0 53.4 80.0#
 157 60.6 61.7 92.5#

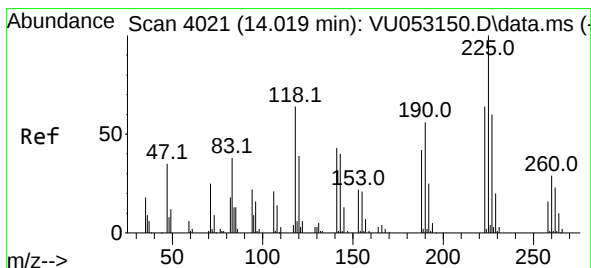
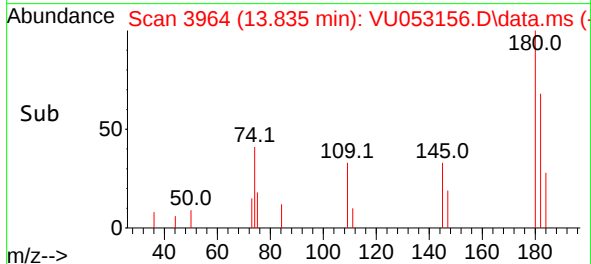
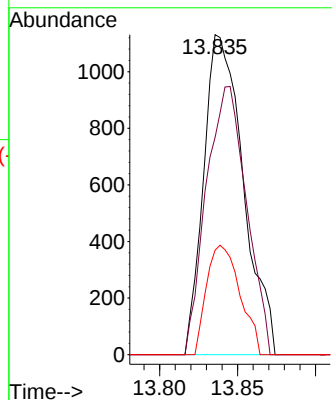
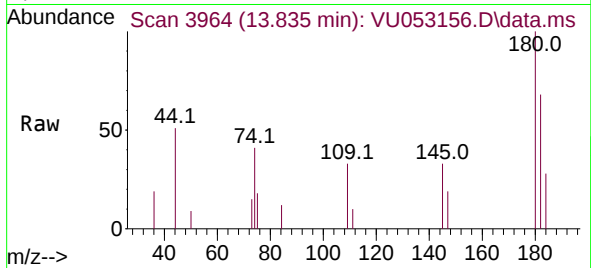




#87
1,2,4-Trichlorobenzene
Concen: 0.255 ug/l
RT: 13.835 min Scan# 3964
Delta R.T. -0.000 min
Lab File: VU053156.D
Acq: 27 Feb 2023 17:18

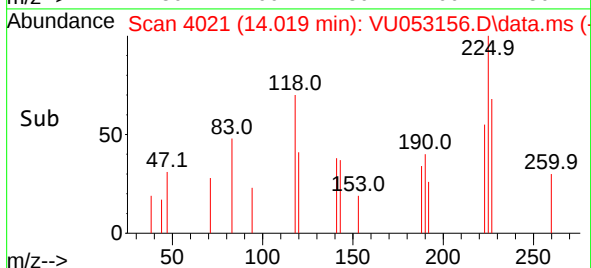
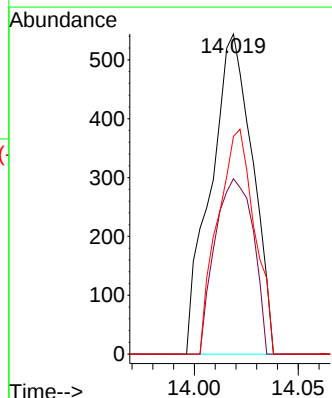
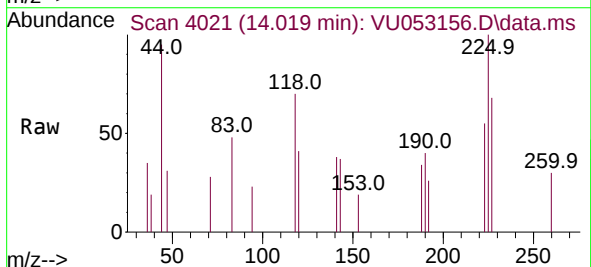
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

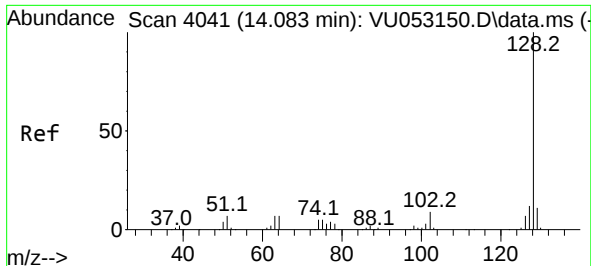
Tgt Ion:180 Resp: 1993
Ion Ratio Lower Upper
180 100
182 85.0 77.4 116.0
145 28.9 28.3 42.5



#88
Hexachlorobutadiene
Concen: 0.199 ug/l
RT: 14.019 min Scan# 4021
Delta R.T. -0.000 min
Lab File: VU053156.D
Acq: 27 Feb 2023 17:18

Tgt Ion:225 Resp: 761
Ion Ratio Lower Upper
225 100
223 50.2 51.1 76.7#
227 62.0 49.9 74.9

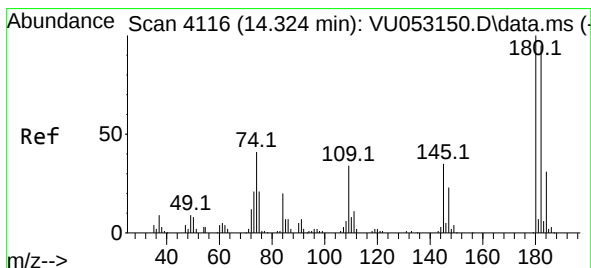
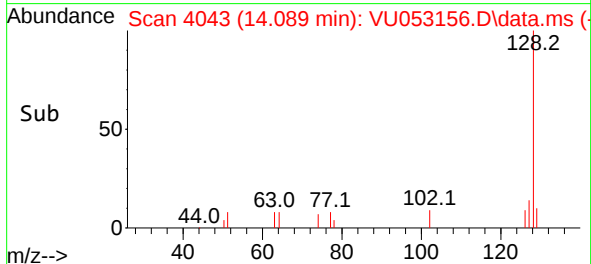
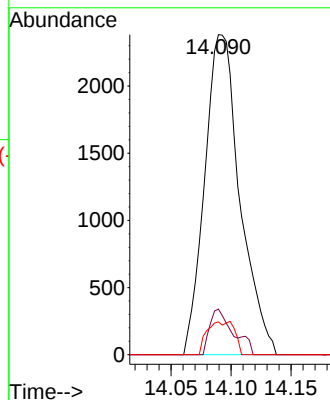
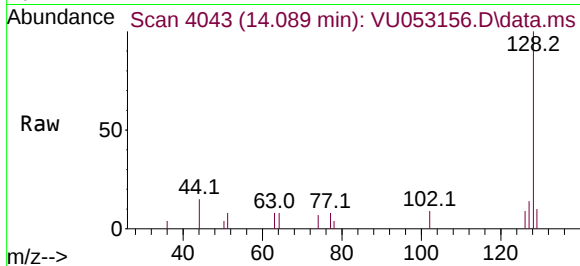




#89
Naphthalene
Concen: 0.293 ug/l
RT: 14.089 min Scan# 4041
Delta R.T. 0.006 min
Lab File: VU053156.D
Acq: 27 Feb 2023 17:18

Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

Tgt Ion:128 Resp: 4869
Ion Ratio Lower Upper
128 100
127 8.0 9.9 14.9#
129 4.8 8.3 12.5#



#90
1,2,3-Trichlorobenzene
Concen: 0.250 ug/l
RT: 14.334 min Scan# 4119
Delta R.T. 0.010 min
Lab File: VU053156.D
Acq: 27 Feb 2023 17:18

Tgt Ion:180 Resp: 1723
Ion Ratio Lower Upper
180 100
182 95.2 76.6 115.0
145 31.6 29.0 43.6

