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 Data File : VU051456.D
 Acq On : 19 Oct 2022 14:19
 Operator : JC/MD
 Sample : N3980-09 0.25PPB
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-03-QT3-2022

Quant Time: Oct 20 07:41:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U101722DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Oct 20 07:37:57 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.112	96	44465	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.632	95	12187	0.781	ug/l	0.00
Spiked Amount 1.000			Recovery	=	78.000%	
68) 1,2-Dichlorobenzene-d4	12.195	152	14370	0.825	ug/l	0.00
Spiked Amount 1.000			Recovery	=	83.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.382	85	3006	0.194	ug/l	96
3) Chloromethane	1.533	50	6802	0.278	ug/l	97
4) Vinyl Chloride	1.600	62	4871	0.230	ug/l	94
5) Bromomethane	1.851	94	3680	0.312	ug/l	97
6) Chloroethane	1.932	64	2977	0.247	ug/l	94
7) Trichlorofluoromethane	2.137	101	5877	0.248	ug/l	95
8) 1,1,2-Trichloro-1,2,2-...	2.581	101	3191	0.244	ug/l	96
9) 1,1-Dichloroethene	2.578	96	3612	0.265	ug/l	94
10) Iodomethane	2.719	142	4460	0.252	ug/l	91
11) Allyl Chloride	2.919	41	5994	0.288	ug/l	91
12) Acrylonitrile	3.317	53	2073	0.516	ug/l #	66
13) Acetone	2.623	43	5421	1.875	ug/l	99
14) Carbon Disulfide	2.790	76	12937	0.266	ug/l #	87
15) Methylene Chloride	3.041	84	14705	0.736	ug/l	94
16) trans-1,2-Dichloroethene	3.350	96	4196	0.268	ug/l	94
17) 1,1-Dichloroethane	3.864	63	6707	0.238	ug/l	94
18) 2-Butanone	4.732	43	3070	0.875	ug/l	75
19) Cyclohexane	5.378	56	2980	0.171	ug/l	91
20) Methylcyclohexane	6.758	83	2786	0.161	ug/l #	82
21) 2,2-Dichloropropane	4.661	77	6500	0.331	ug/l #	88
22) cis-1,2-Dichloroethene	4.668	96	3583	0.242	ug/l	66
23) Diethyl Ether	2.375	59	3216	0.270	ug/l	96
24) tert-Butyl Alcohol	3.186	59	18115	14.497	ug/l #	80
25) Methyl tert-Butyl Ether	3.369	73	9368	0.264	ug/l	96
26) Bromochloromethane	4.970	128	2087	0.289	ug/l	79
27) Chloroform	5.089	83	7617	0.267	ug/l	99
28) 1,1,1-Trichloroethane	5.314	97	5158	0.227	ug/l	91
29) 1,1-Dichloropropene	5.523	75	3652	0.210	ug/l #	93
30) Carbon Tetrachloride	5.517	117	4671	0.243	ug/l #	81
31) Isopropyl Ether	3.993	45	7982	0.240	ug/l	93
32) Ethyl-t-butyl ether	4.507	59	6351	0.209	ug/l	96
33) Tert-Amyl methyl ether	5.938	73	4912	0.184	ug/l	97
34) Propionitrile	4.790	54	335	0.284	ug/l #	37
35) Benzene	5.774	78	12794	0.219	ug/l	100
36) 1,2-Dichloroethane	5.796	62	4620	0.256	ug/l #	93
37) Trichloroethene	6.546	130	2933	0.214	ug/l #	76
38) 1,2-Dichloropropane	6.787	63	3667	0.229	ug/l	93
39) Methacrylonitrile	4.980	41	400	0.099	ug/l #	78
40) Methyl acrylate	4.877	55	899	0.140	ug/l #	66
41) Tetrahydrofuran	5.070	42	1086	0.513	ug/l #	65
42) 1-Chlorobutane	5.456	56	5006	0.211	ug/l	93
43) Dibromomethane	6.922	93	2041	0.245	ug/l	94
44) Bromodichloromethane	7.108	83	4893	0.243	ug/l #	98

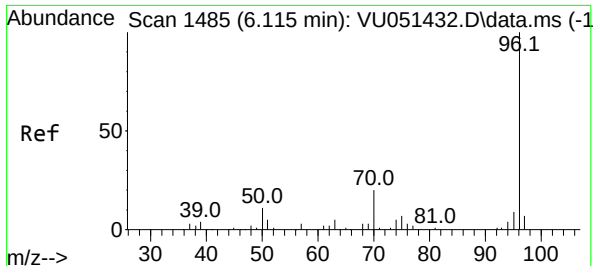
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Quant Time: Oct 20 07:41:29 2022
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 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Oct 20 07:37:57 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.796	43	7517	0.949	ug/l	92
46) t-1,4-Dichloro-2-butene	10.822	75	4073	0.921	ug/l #	42
47) Methyl methacrylate	6.967	69	2084	0.328	ug/l	89
48) Ethyl methacrylate	8.340	69	2001	0.188	ug/l	93
49) Toluene	7.970	92	5815	0.181	ug/l	97
50) t-1,3-Dichloropropene	8.214	75	2956	0.182	ug/l #	86
51) cis-1,3-Dichloropropene	7.610	75	3917	0.205	ug/l	94
52) 1,1,2-Trichloroethane	8.401	97	2707	0.228	ug/l	93
53) 1,3-Dichloropropane	8.574	76	3645	0.190	ug/l	97
54) 2-Hexanone	8.690	43	5060	0.929	ug/l	89
55) Dibromochloromethane	8.806	129	3027	0.234	ug/l	97
56) 1,2-Dibromoethane	8.925	107	2336	0.224	ug/l	94
58) Tetrachloroethene	8.552	164	2802	0.234	ug/l	93
59) Chlorobenzene	9.449	112	6798	0.193	ug/l	89
60) 1,1,1,2-Tetrachloroethane	9.536	131	3433	0.255	ug/l	94
61) Pentachloroethane	11.423	117	2965	0.247	ug/l	99
62) Hexachloroethane	12.478	117	2377	0.208	ug/l	93
63) Ethyl Benzene	9.568	91	9194	0.172	ug/l	93
64) m/p-Xylenes	9.693	106	6304	0.296	ug/l	94
65) o-Xylene	10.102	106	3177	0.154	ug/l	98
66) Styrene	10.115	104	4324	0.126	ug/l #	87
67) Bromoform	10.288	173	1854	0.256	ug/l #	93
69) Isopropylbenzene	10.484	105	7839	0.154	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.780	83	3750	0.233	ug/l #	87
71) 1,2,3-Trichloropropane	10.822	75	4073	0.341	ug/l	72
72) Bromobenzene	10.780	156	2735	0.195	ug/l	90
73) n-propylbenzene	10.906	120	2083	0.145	ug/l	98
74) 2-Chlorotoluene	10.986	126	2011	0.148	ug/l	99
75) 1,3,5-Trimethylbenzene	11.089	105	5865	0.127	ug/l	96
76) 4-Chlorotoluene	11.098	126	2069	0.148	ug/l	85
77) tert-Butylbenzene	11.420	119	7570	0.168	ug/l	88
78) 1,2,4-Trimethylbenzene	11.471	105	5859	0.122	ug/l	95
79) sec-Butylbenzene	11.642	105	7735	0.130	ug/l	96
80) Nitrobenzene	13.227	77	761	0.956	ug/l #	75
81) p-Isopropyltoluene	11.790	119	6333	0.133	ug/l	99
82) 1,3-Dichlorobenzene	11.745	146	5061	0.168	ug/l	90
83) 1,4-Dichlorobenzene	11.841	146	4835	0.164	ug/l	96
84) n-Butylbenzene	12.211	91	5991	0.126	ug/l	96
85) 1,2-Dichlorobenzene	12.211	146	5428	0.183	ug/l	95
86) 1,2-Dibromo-3-Chloropr...	13.002	75	433	0.172	ug/l	90
87) 1,2,4-Trichlorobenzene	13.844	180	2780	0.173	ug/l	98
88) Hexachlorobutadiene	14.021	225	2478	0.237	ug/l	96
89) Naphthalene	14.089	128	4462	0.133	ug/l	99
90) 1,2,3-Trichlorobenzene	14.327	180	2703	0.154	ug/l	91

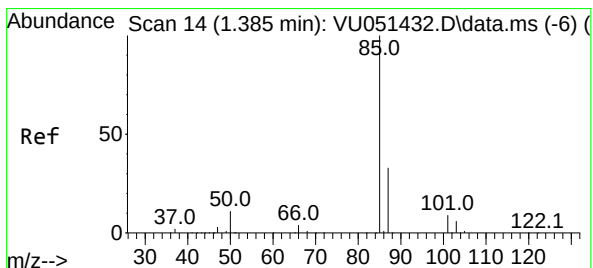
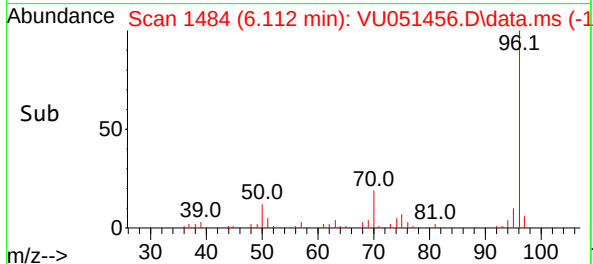
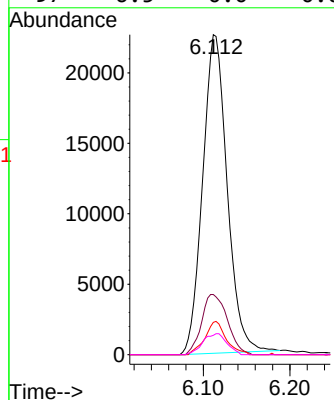
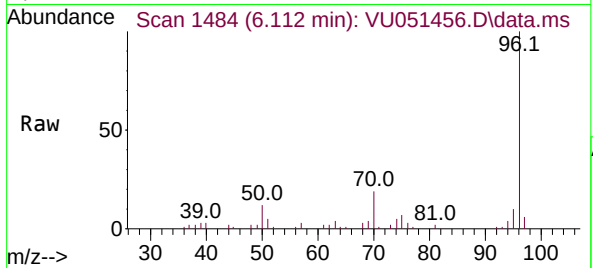
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.112 min Scan# 14
Delta R.T. -0.003 min
Lab File: VU051456.D
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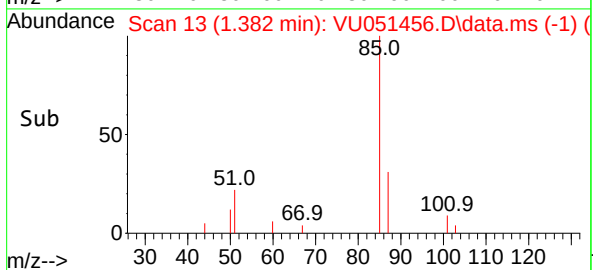
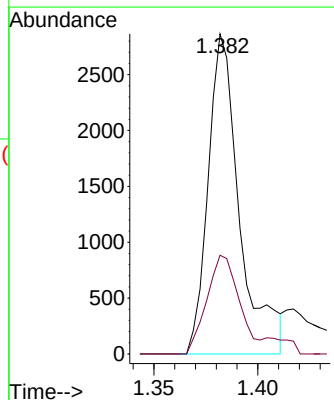
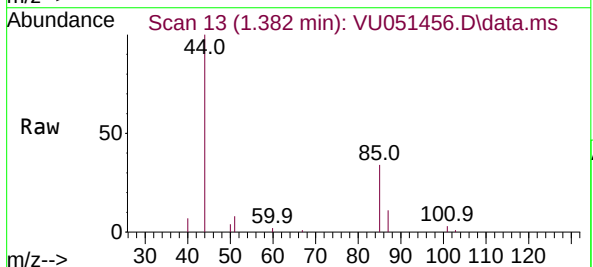
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MDL-WATER-03-QT3-2022

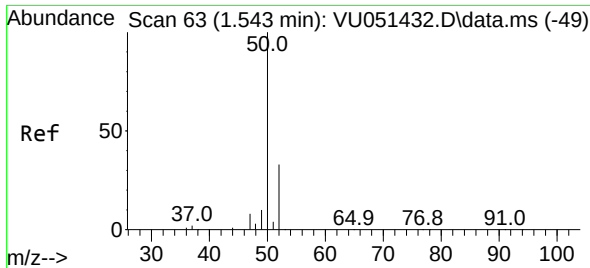
Tgt Ion: 96	Resp: 44465
Ion Ratio	Lower Upper
96 100	
70 19.8	16.7 25.1
95 9.1	7.5 11.3
97 6.5	0.0 0.0



#2
Dichlorodifluoromethane
Concen: 0.194 ug/l
RT: 1.382 min Scan# 13
Delta R.T. -0.003 min
Lab File: VU051456.D
Acq: 19 Oct 2022 14:19

Tgt Ion: 85	Resp: 3006
Ion Ratio	Lower Upper
85 100	
87 30.8	16.4 49.4

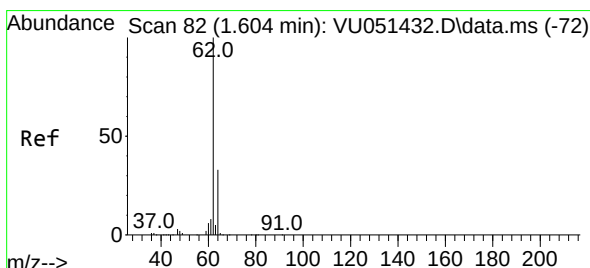
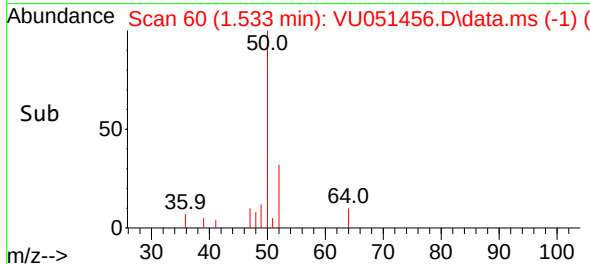
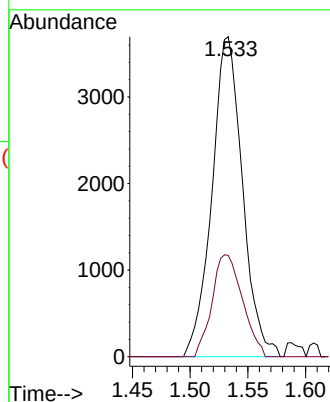
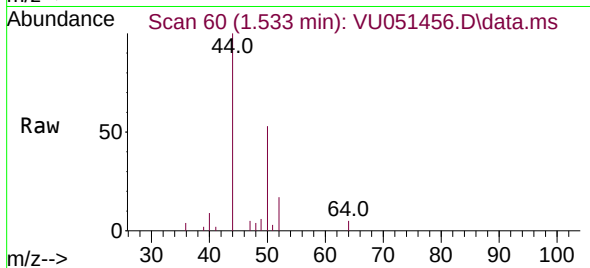




#3
Chloromethane
Concen: 0.278 ug/l
RT: 1.533 min Scan# 60
Delta R.T. -0.010 min
Lab File: VU051456.D
Acq: 19 Oct 2022 14:19

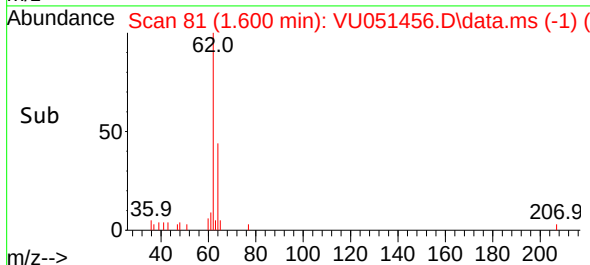
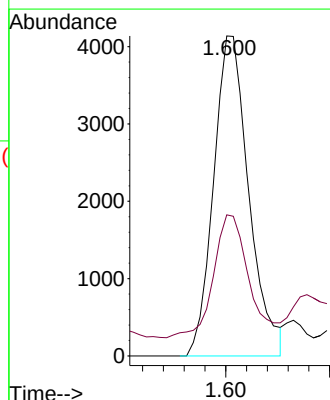
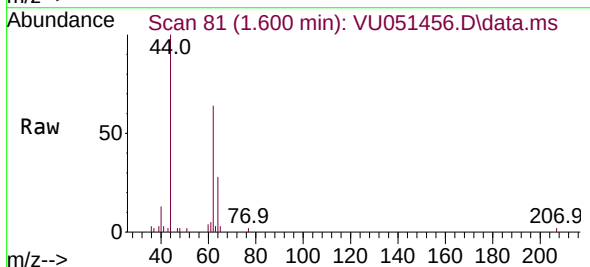
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ClientSampleId :
MDL-WATER-03-QT3-2022

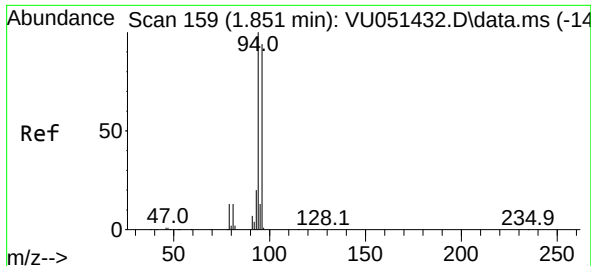
Tgt Ion: 50 Resp: 6802
Ion Ratio Lower Upper
50 100
52 31.7 26.7 40.1



#4
Vinyl Chloride
Concen: 0.230 ug/l
RT: 1.600 min Scan# 81
Delta R.T. -0.003 min
Lab File: VU051456.D
Acq: 19 Oct 2022 14:19

Tgt Ion: 62 Resp: 4871
Ion Ratio Lower Upper
62 100
64 36.8 26.7 40.1

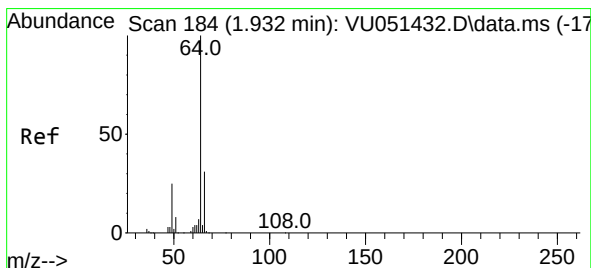
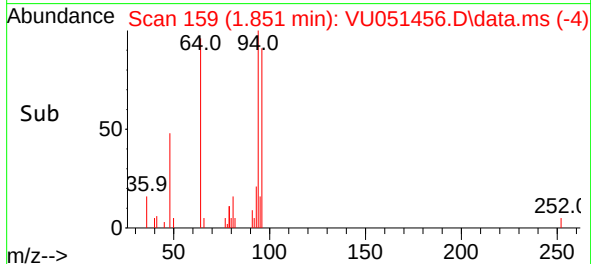
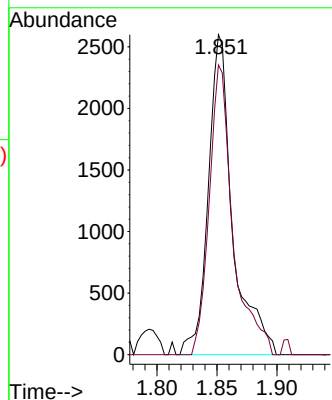
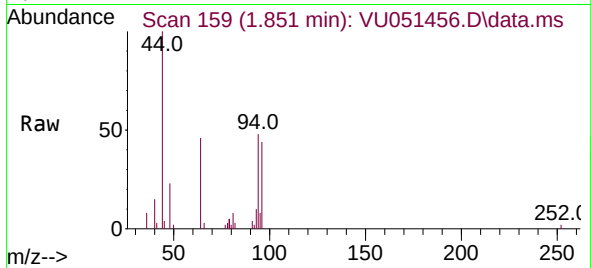




#5
Bromomethane
Concen: 0.312 ug/l
RT: 1.851 min Scan# 159
Delta R.T. -0.000 min
Lab File: VU051456.D
Acq: 19 Oct 2022 14:19

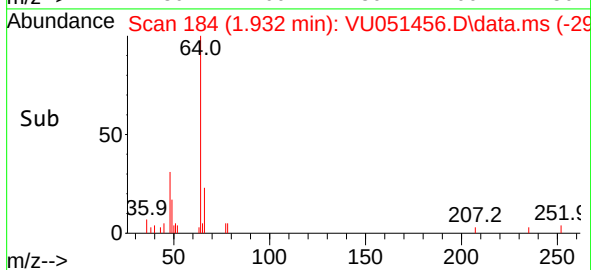
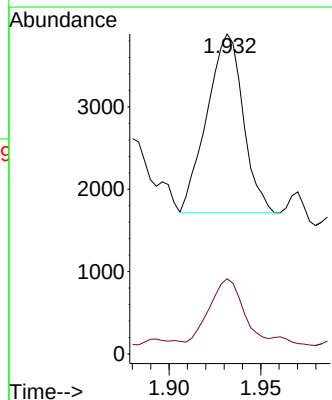
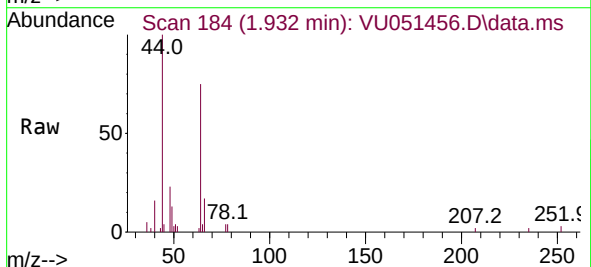
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ClientSampleId : MDL-WATER-03-QT3-2022

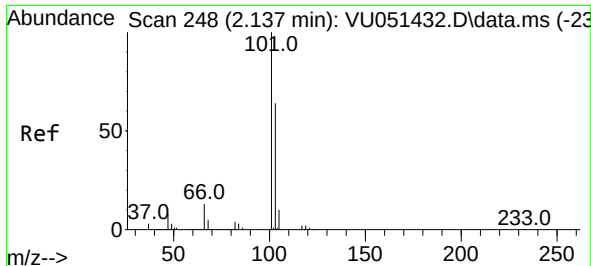
Tgt Ion: 94 Resp: 3680
Ion Ratio Lower Upper
94 100
96 90.5 74.8 112.2



#6
Chloroethane
Concen: 0.247 ug/l
RT: 1.932 min Scan# 184
Delta R.T. -0.000 min
Lab File: VU051456.D
Acq: 19 Oct 2022 14:19

Tgt Ion: 64 Resp: 2977
Ion Ratio Lower Upper
64 100
66 34.9 25.2 37.8

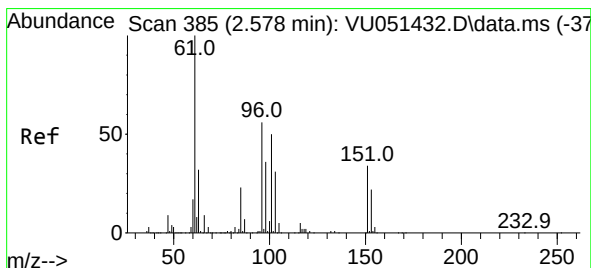
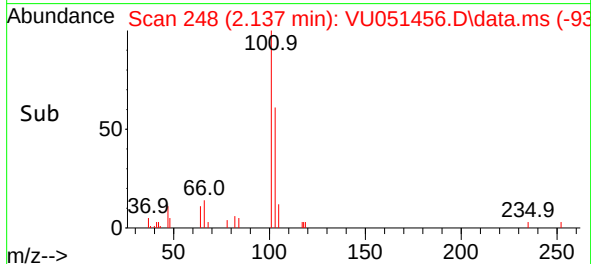
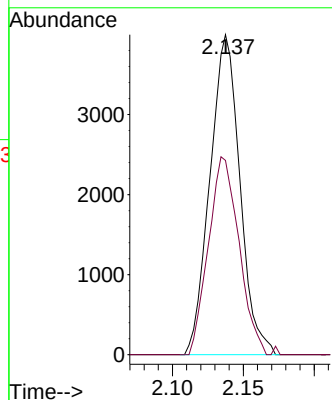
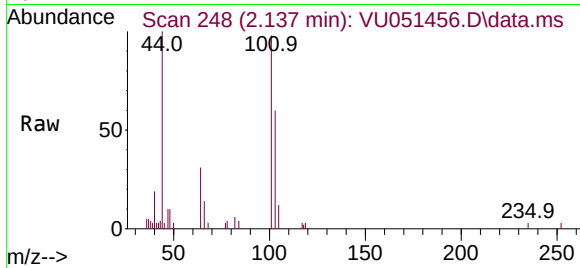




#7
 Trichlorofluoromethane
 Concen: 0.248 ug/l
 RT: 2.137 min Scan# 248
 Delta R.T. -0.000 min
 Lab File: VU051456.D
 Acq: 19 Oct 2022 14:19

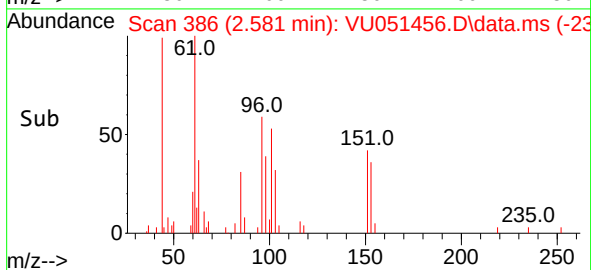
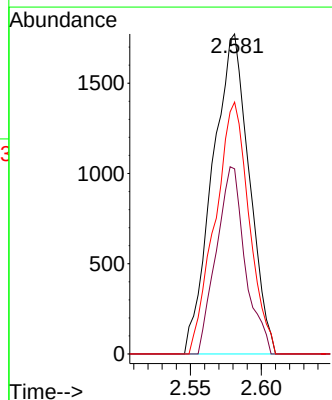
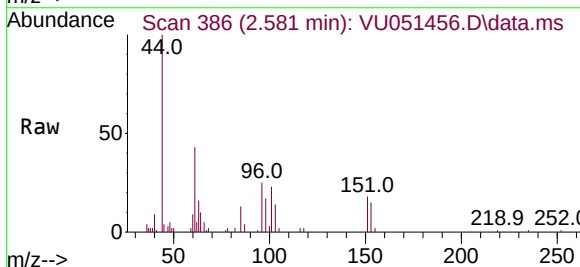
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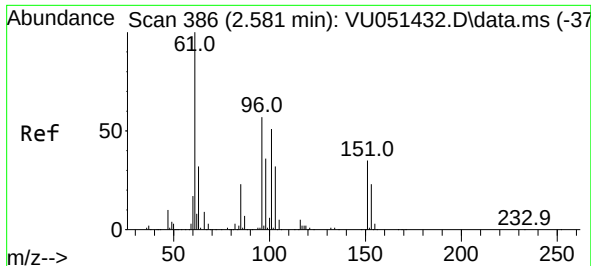
Tgt Ion:101 Resp: 5877
 Ion Ratio Lower Upper
 101 100
 103 60.7 51.4 77.2



#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.244 ug/l
 RT: 2.581 min Scan# 386
 Delta R.T. 0.003 min
 Lab File: VU051456.D
 Acq: 19 Oct 2022 14:19

Tgt Ion:101 Resp: 3191
 Ion Ratio Lower Upper
 101 100
 85 46.0 36.6 54.8
 151 73.2 54.6 81.8

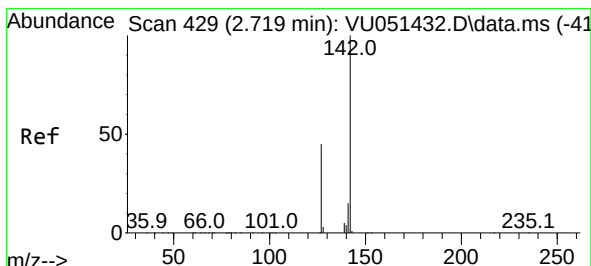
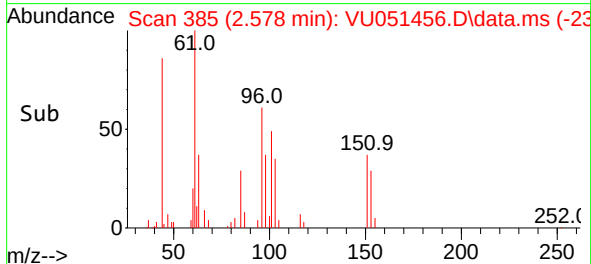
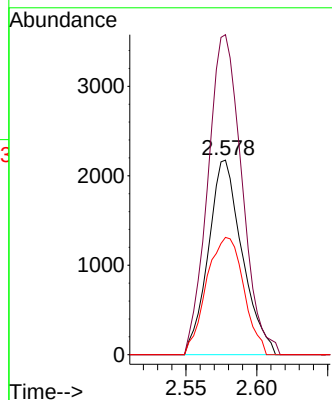
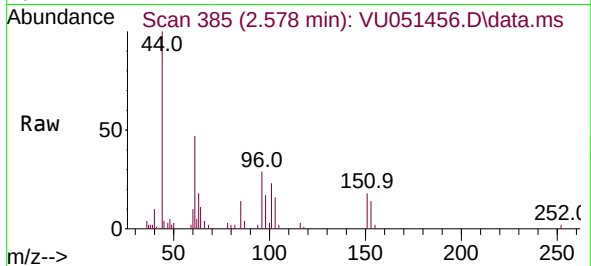




#9
 1,1-Dichloroethene
 Concen: 0.265 ug/l
 RT: 2.578 min Scan# 385
 Delta R.T. -0.003 min
 Lab File: VU051456.D
 Acq: 19 Oct 2022 14:19

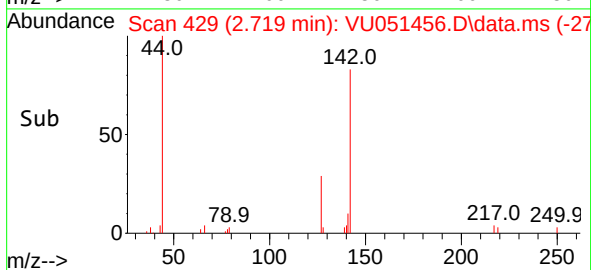
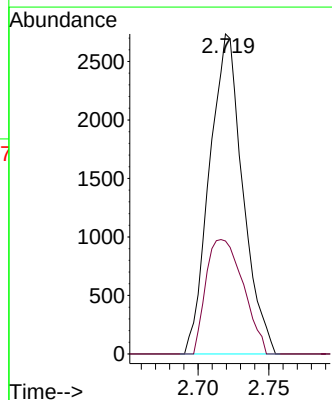
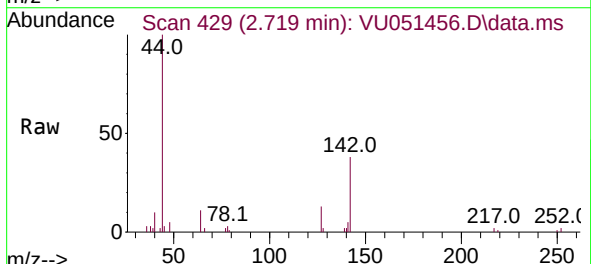
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 MDL-WATER-03-QT3-2022

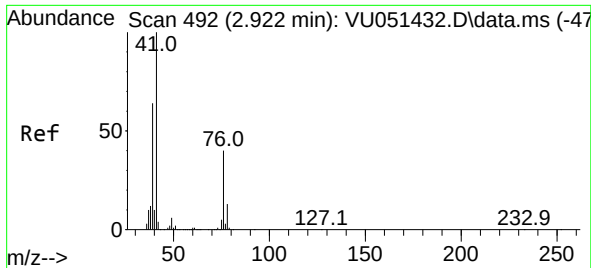
Tgt Ion	Ratio	Lower	Upper
96	100		
61	164.5	0.0	522.3
98	60.3	0.0	126.6



#10
 Iodomethane
 Concen: 0.252 ug/l
 RT: 2.719 min Scan# 429
 Delta R.T. 0.000 min
 Lab File: VU051456.D
 Acq: 19 Oct 2022 14:19

Tgt Ion	Ratio	Lower	Upper
142	100		
127	40.0	37.0	55.4

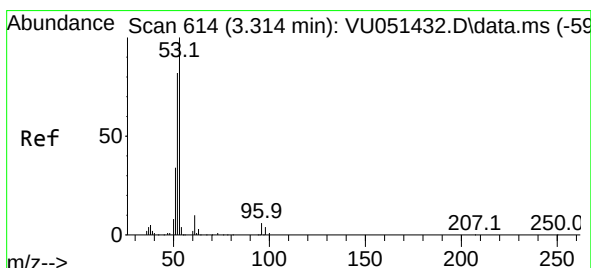
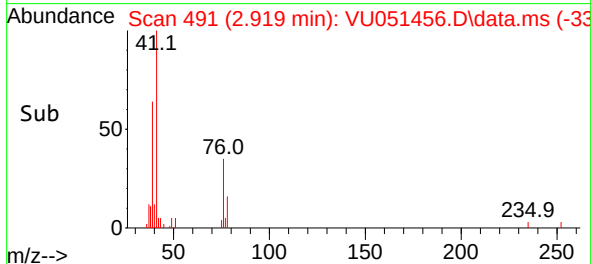
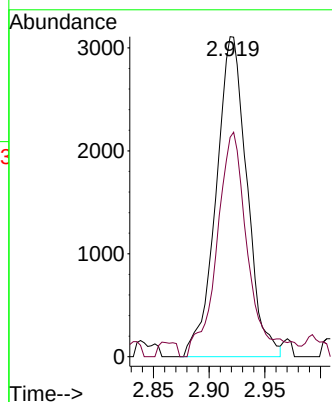
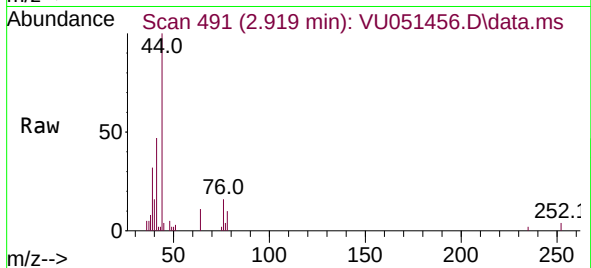




#11
 Allyl Chloride
 Concen: 0.288 ug/l
 RT: 2.919 min Scan# 491
 Delta R.T. -0.003 min
 Lab File: VU051456.D
 Acq: 19 Oct 2022 14:19

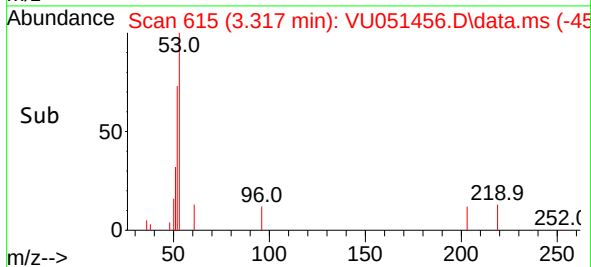
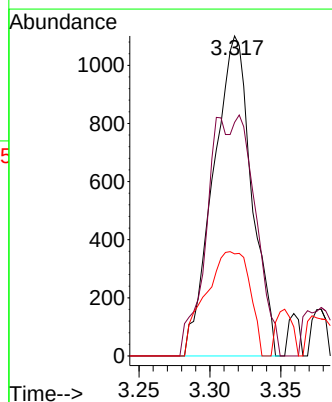
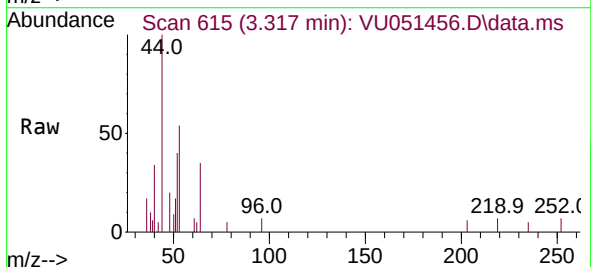
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-03-QT3-2022

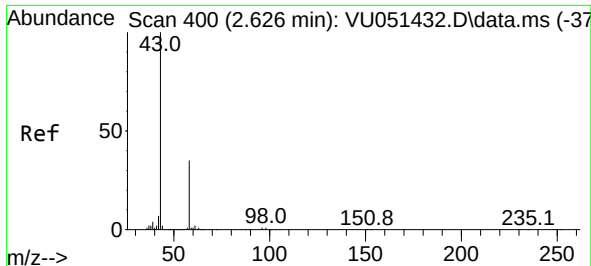
Tgt Ion: 41 Resp: 5994
 Ion Ratio Lower Upper
 41 100
 39 71.0 51.4 77.0



#12
 Acrylonitrile
 Concen: 0.516 ug/l
 RT: 3.317 min Scan# 615
 Delta R.T. 0.003 min
 Lab File: VU051456.D
 Acq: 19 Oct 2022 14:19

Tgt Ion: 53 Resp: 2073
 Ion Ratio Lower Upper
 53 100
 52 41.0 63.9 95.9#
 51 37.7 25.9 38.9





#13

Acetone

Concen: 1.875 ug/l

RT: 2.623 min Scan# 399

Delta R.T. -0.003 min

Lab File: VU051456.D

Acq: 19 Oct 2022 14:19

Instrument :

MSVOA_U

ClientSampleId :

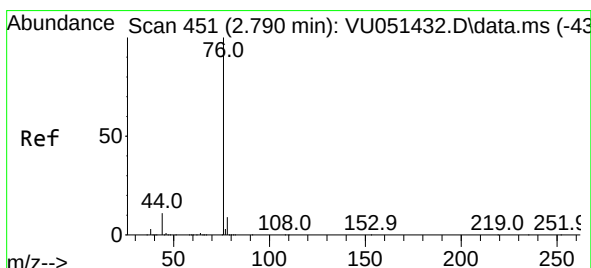
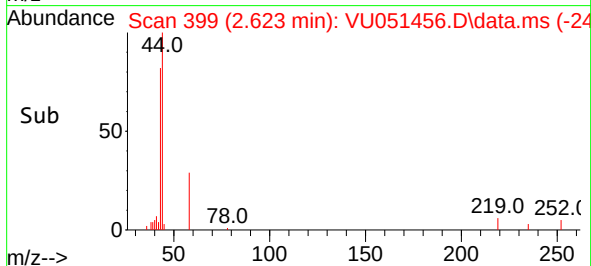
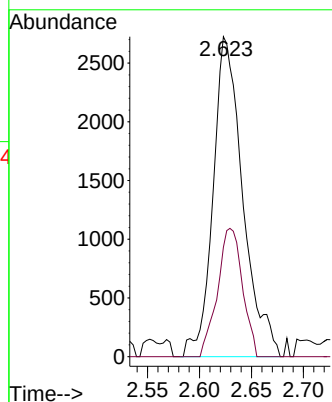
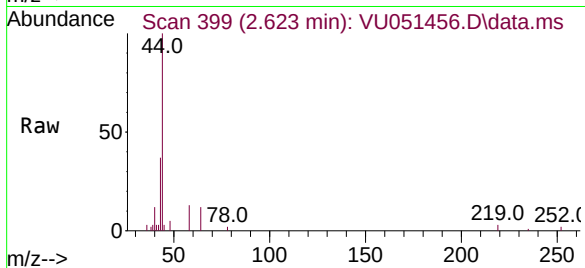
MDL-WATER-03-QT3-2022

Tgt Ion: 43 Resp: 5421

Ion Ratio Lower Upper

43 100

58 34.2 27.9 41.9



#14

Carbon Disulfide

Concen: 0.266 ug/l

RT: 2.790 min Scan# 451

Delta R.T. -0.000 min

Lab File: VU051456.D

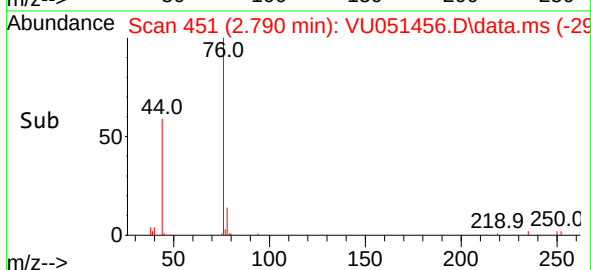
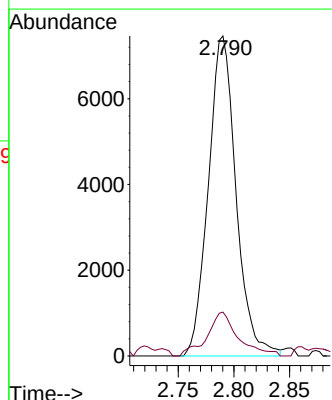
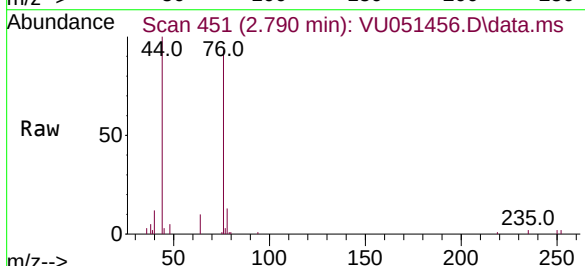
Acq: 19 Oct 2022 14:19

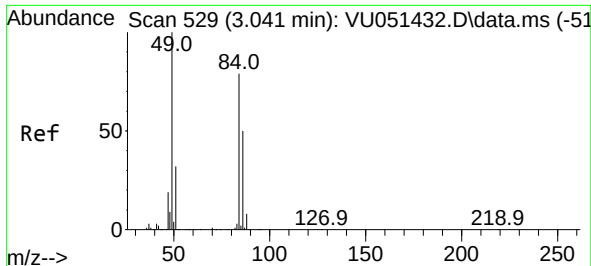
Tgt Ion: 76 Resp: 12937

Ion Ratio Lower Upper

76 100

78 13.7 7.2 10.8#

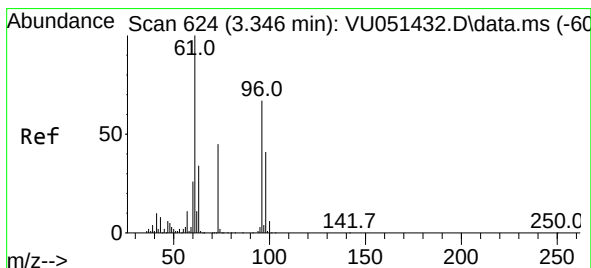
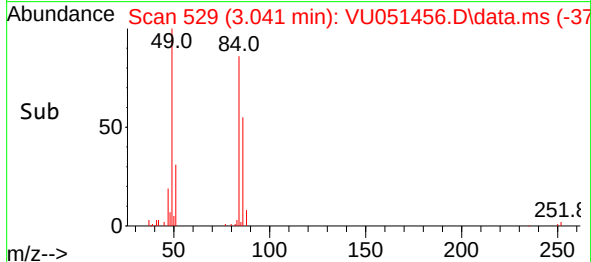
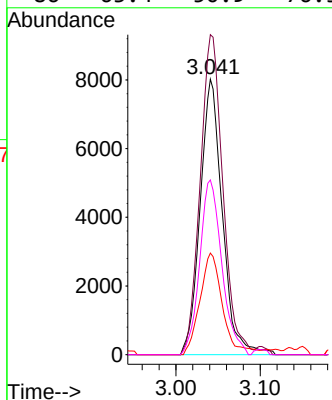
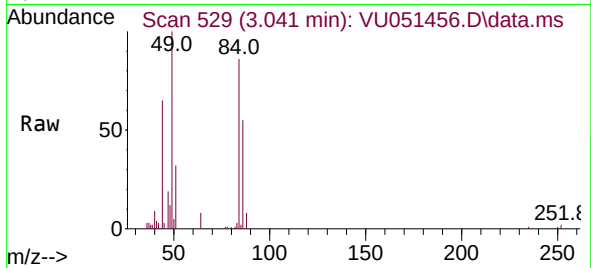




#15
Methylene Chloride
Concen: 0.736 ug/l
RT: 3.041 min Scan# 51
Delta R.T. -0.000 min
Lab File: VU051456.D
Acq: 19 Oct 2022 14:19

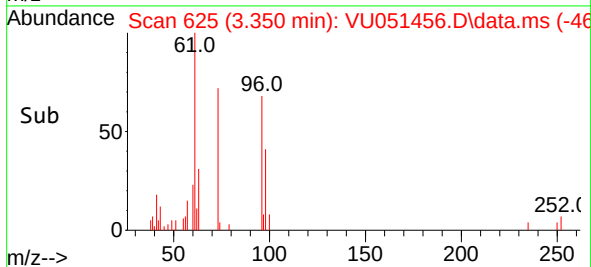
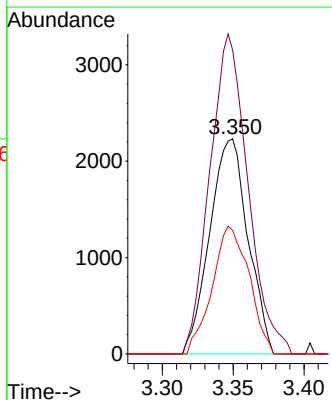
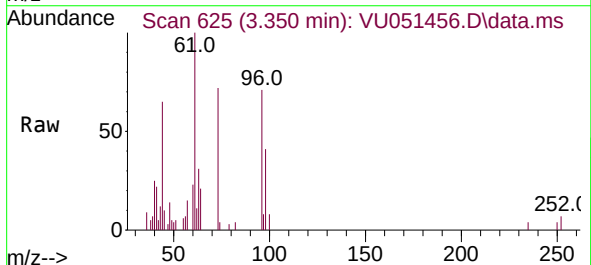
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2022

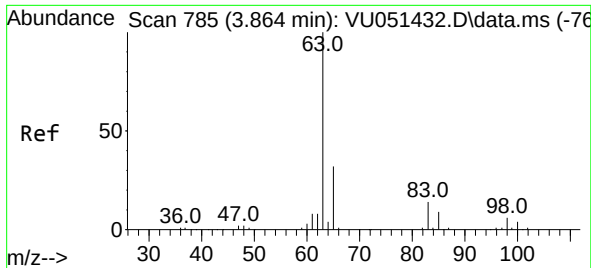
Tgt Ion:	84	Resp:	14705
Ion	Ratio	Lower	Upper
84	100		
49	116.1	101.1	151.7
51	36.9	0.0	80.2
86	63.4	50.9	76.3



#16
trans-1,2-Dichloroethene
Concen: 0.268 ug/l
RT: 3.350 min Scan# 625
Delta R.T. 0.003 min
Lab File: VU051456.D
Acq: 19 Oct 2022 14:19

Tgt Ion:	96	Resp:	4196
Ion	Ratio	Lower	Upper
96	100		
61	141.3	119.9	179.9
98	57.5	49.5	74.3

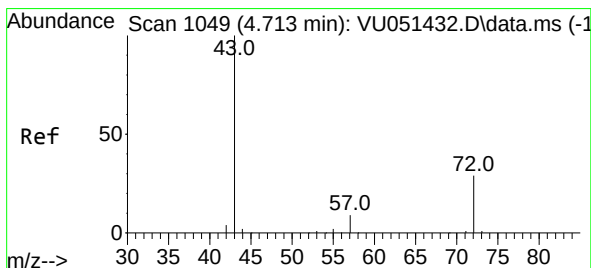
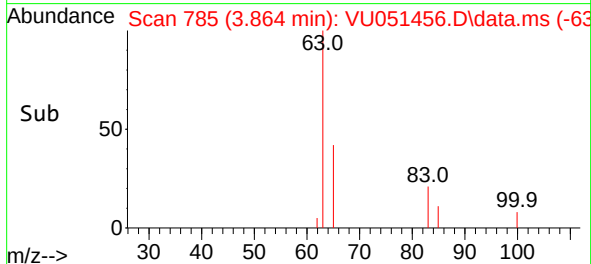
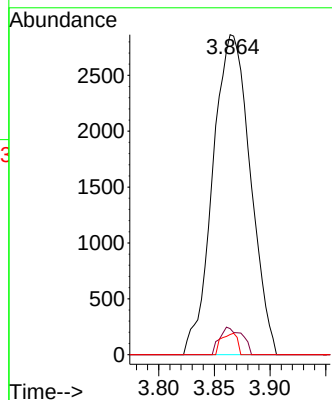
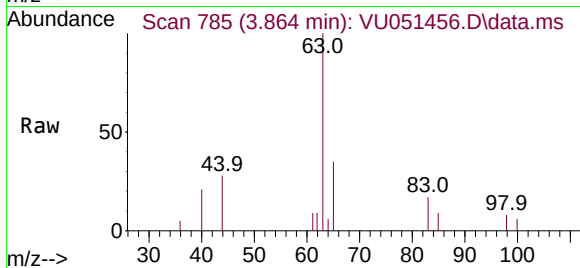




#17
 1,1-Dichloroethane
 Concen: 0.238 ug/l
 RT: 3.864 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VU051456.D
 Acq: 19 Oct 2022 14:19

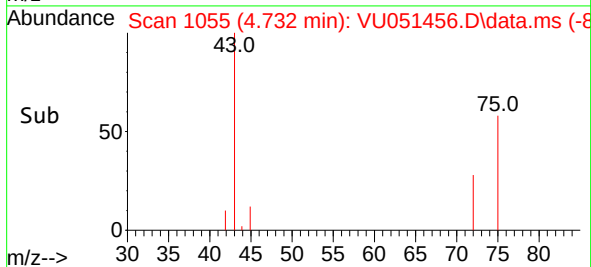
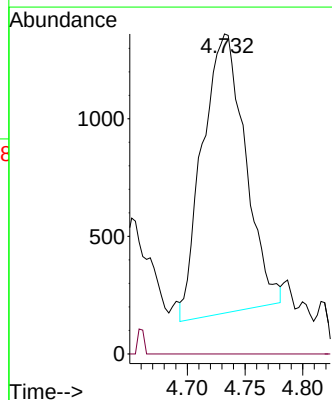
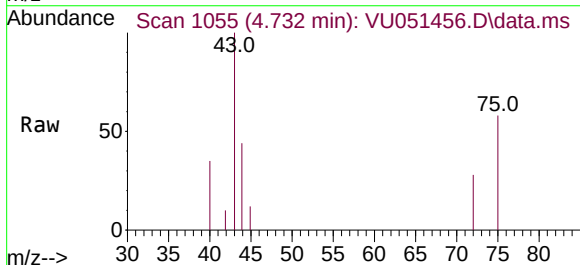
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-03-QT3-2022

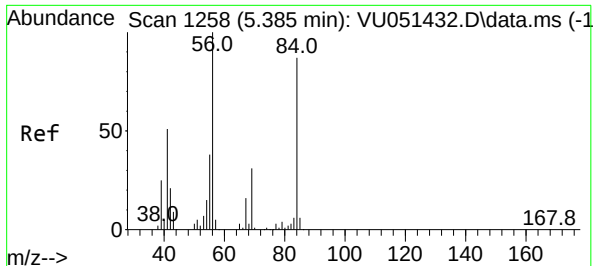
Tgt Ion:	63	Resp:	6707
Ion	Ratio	Lower	Upper
63	100		
98	8.1	3.1	9.3
100	6.3	2.1	6.3



#18
 2-Butanone
 Concen: 0.875 ug/l
 RT: 4.732 min Scan# 1055
 Delta R.T. 0.019 min
 Lab File: VU051456.D
 Acq: 19 Oct 2022 14:19

Tgt Ion:	43	Resp:	3070
Ion	Ratio	Lower	Upper
43	100		
57	0.0	0.0	18.2





#19

Cyclohexane

Concen: 0.171 ug/l

RT: 5.378 min Scan# 1

Delta R.T. -0.007 min

Lab File: VU051456.D

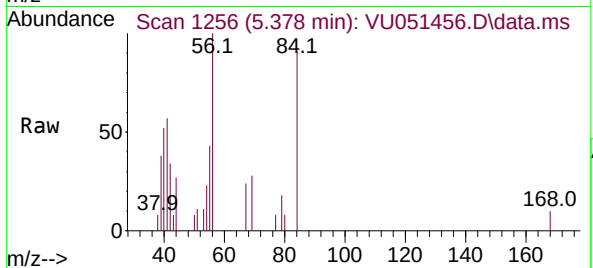
Acq: 19 Oct 2022 14:19

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT3-2022



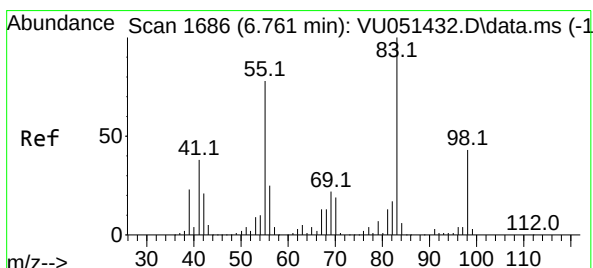
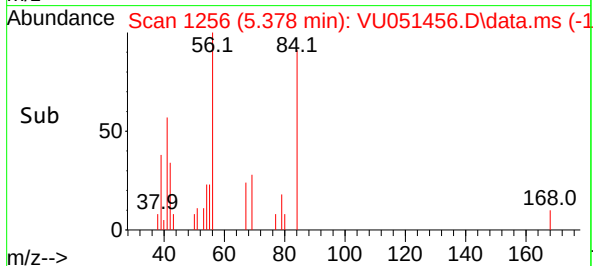
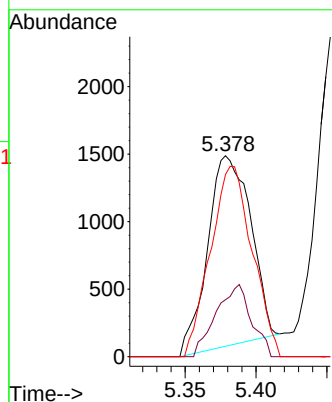
Tgt Ion: 56 Resp: 2980

Ion Ratio Lower Upper

56 100

69 31.1 25.0 37.4

84 96.9 68.5 102.7



#20

Methylcyclohexane

Concen: 0.161 ug/l

RT: 6.758 min Scan# 1685

Delta R.T. -0.003 min

Lab File: VU051456.D

Acq: 19 Oct 2022 14:19

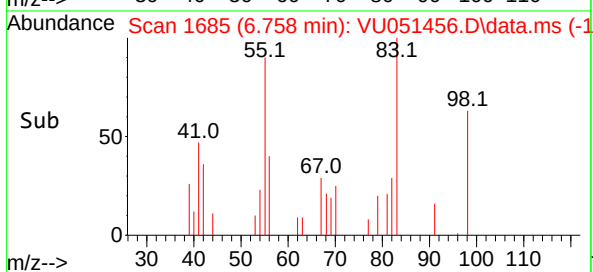
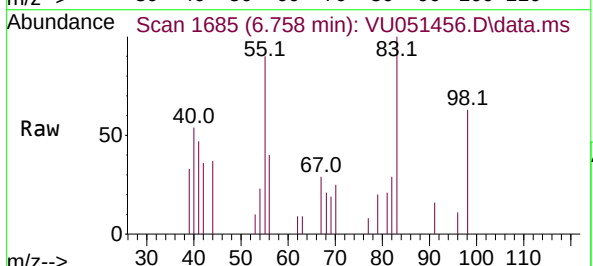
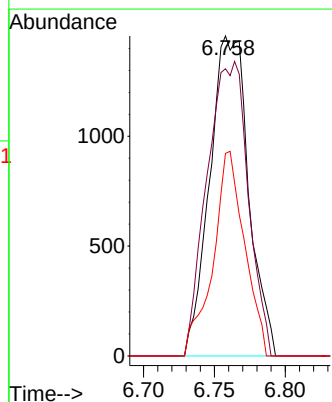
Tgt Ion: 83 Resp: 2786

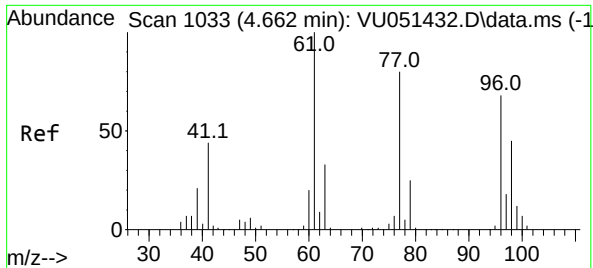
Ion Ratio Lower Upper

83 100

55 97.1 62.4 93.6#

98 51.9 35.5 53.3





#21

2,2-Dichloropropane

Concen: 0.331 ug/l

RT: 4.661 min Scan# 1033

Delta R.T. -0.000 min

Lab File: VU051456.D

Acq: 19 Oct 2022 14:19

Instrument :

MSVOA_U

ClientSampleId :

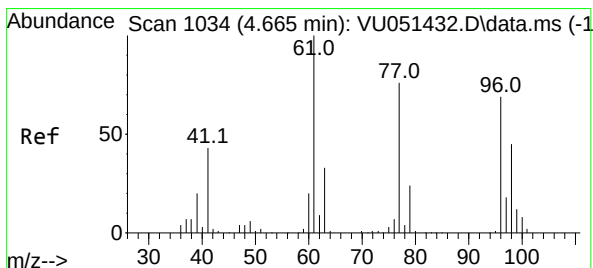
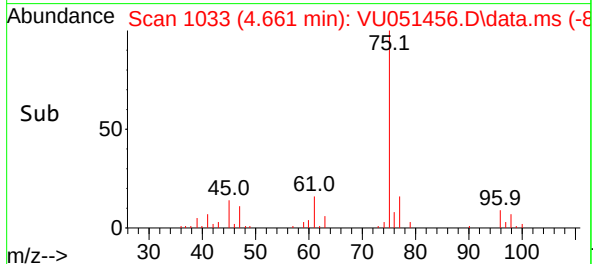
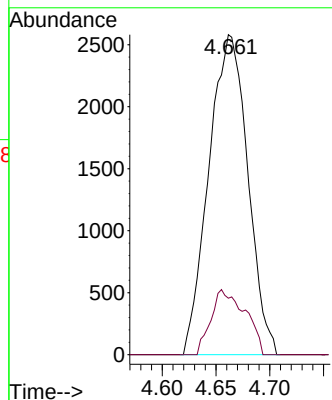
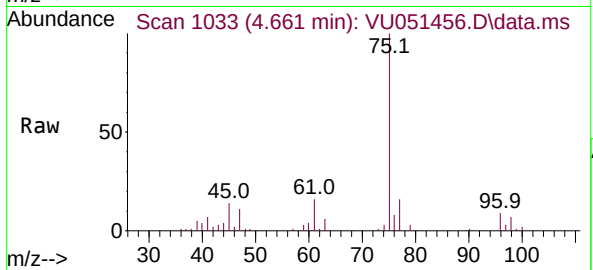
MDL-WATER-03-QT3-2022

Tgt Ion: 77 Resp: 6500

Ion Ratio Lower Upper

77 100

97 17.8 19.0 28.6#



#22

cis-1,2-Dichloroethene

Concen: 0.242 ug/l

RT: 4.668 min Scan# 1035

Delta R.T. 0.003 min

Lab File: VU051456.D

Acq: 19 Oct 2022 14:19

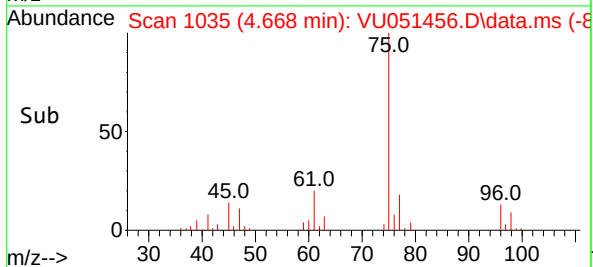
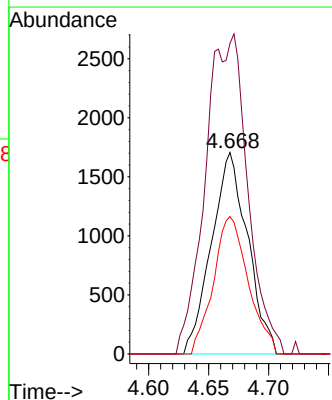
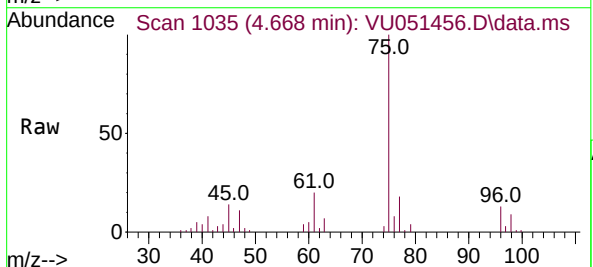
Tgt Ion: 96 Resp: 3583

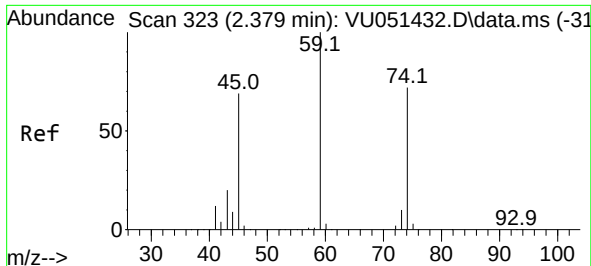
Ion Ratio Lower Upper

96 100

61 84.8 0.0 362.8

98 65.6 32.5 97.5





#23

Diethyl Ether

Concen: 0.270 ug/l

RT: 2.375 min Scan# 31

Delta R.T. -0.004 min

Lab File: VU051456.D

Acq: 19 Oct 2022 14:19

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT3-2022

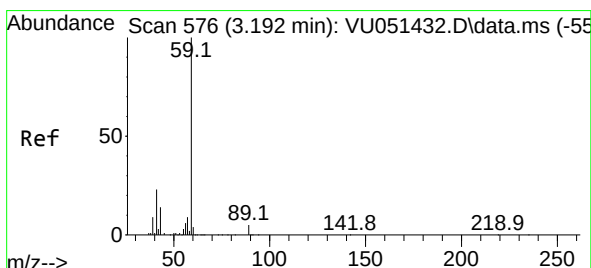
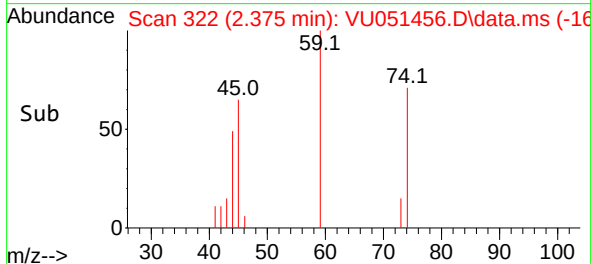
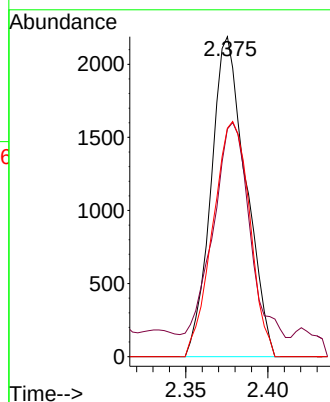
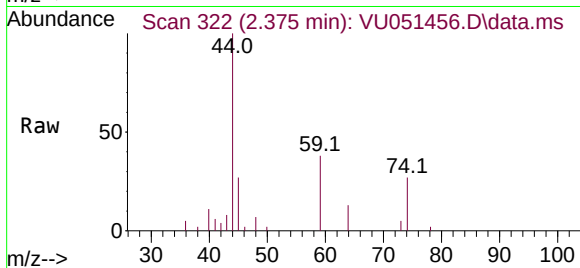
Tgt Ion: 59 Resp: 3216

Ion Ratio Lower Upper

59 100

45 68.6 55.7 83.5

74 78.1 58.2 87.4



#24

tert-Butyl Alcohol

Concen: 14.497 ug/l

RT: 3.186 min Scan# 574

Delta R.T. -0.006 min

Lab File: VU051456.D

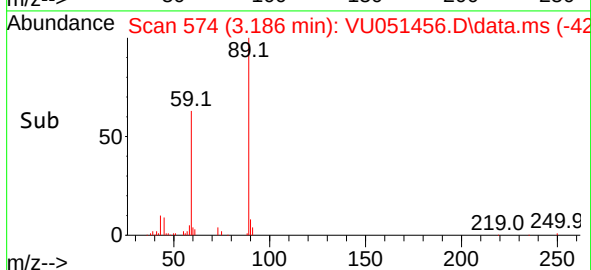
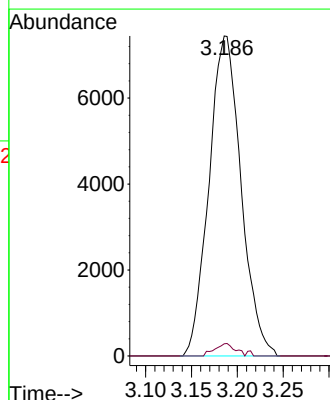
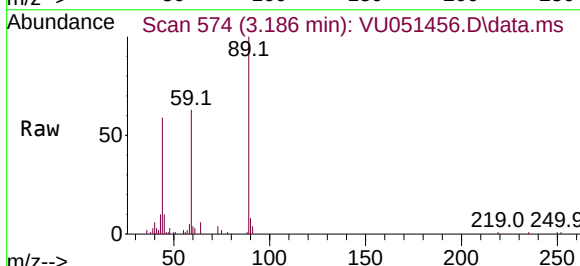
Acq: 19 Oct 2022 14:19

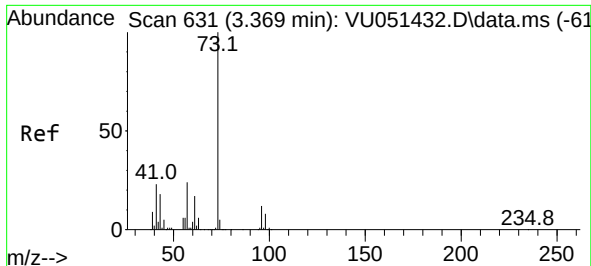
Tgt Ion: 59 Resp: 18115

Ion Ratio Lower Upper

59 100

57 2.4 7.8 11.8#

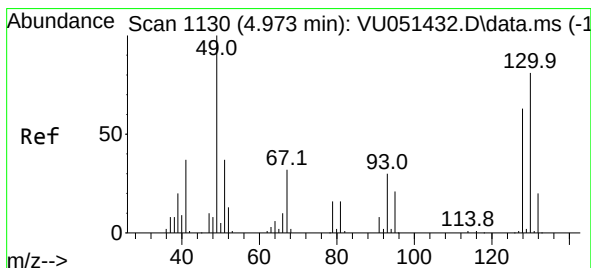
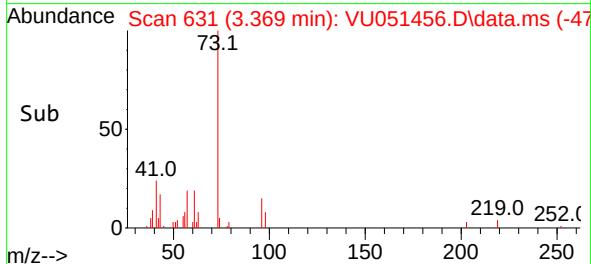
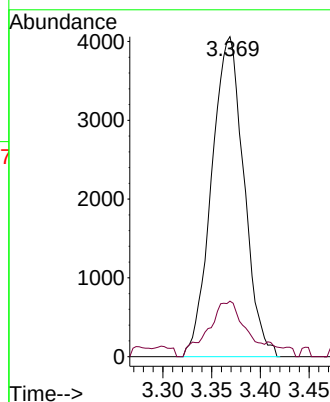
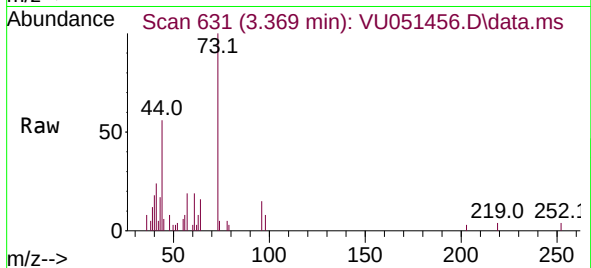




#25
Methyl tert-Butyl Ether
Concen: 0.264 ug/l
RT: 3.369 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU051456.D
Acq: 19 Oct 2022 14:19

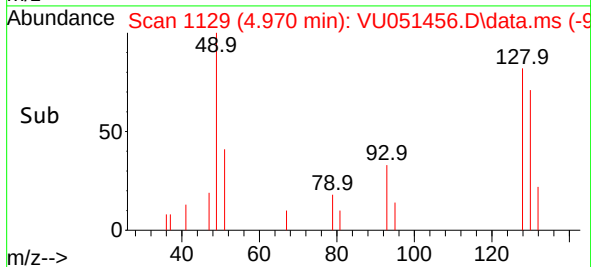
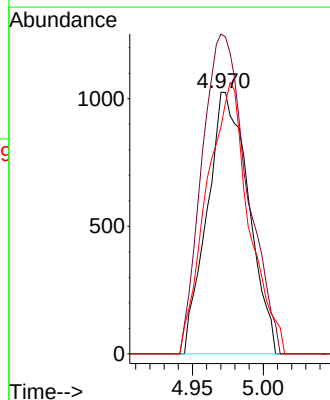
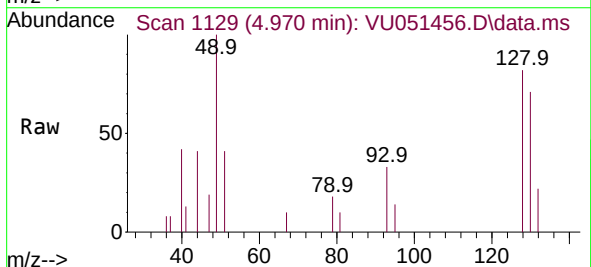
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2022

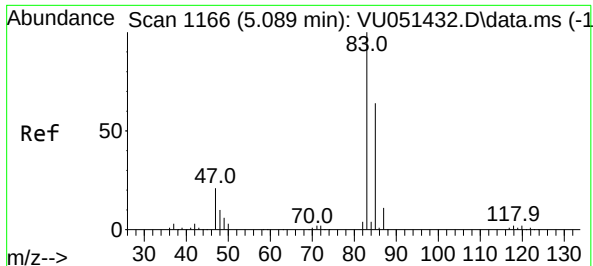
Tgt Ion: 73 Resp: 9368
Ion Ratio Lower Upper
73 100
43 19.6 14.2 21.4



#26
Bromochloromethane
Concen: 0.289 ug/l
RT: 4.970 min Scan# 1129
Delta R.T. -0.003 min
Lab File: VU051456.D
Acq: 19 Oct 2022 14:19

Tgt Ion: 128 Resp: 2087
Ion Ratio Lower Upper
128 100
49 132.6 0.0 320.4
130 106.2 105.0 157.6





#27

Chloroform

Concen: 0.267 ug/l

RT: 5.089 min Scan# 1166

Delta R.T. -0.000 min

Lab File: VU051456.D

Acq: 19 Oct 2022 14:19

Instrument :

MSVOA_U

ClientSampleId :

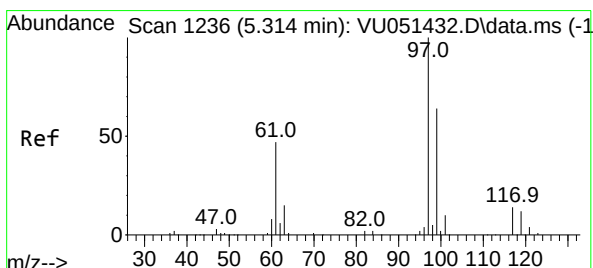
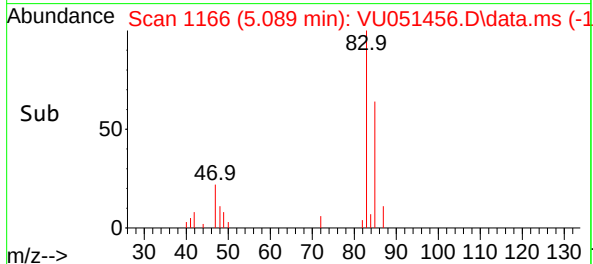
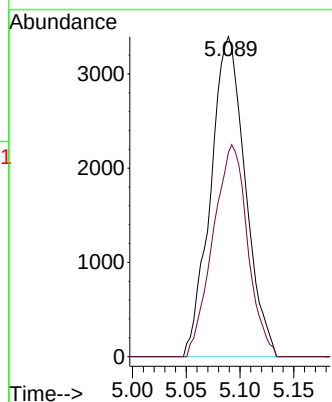
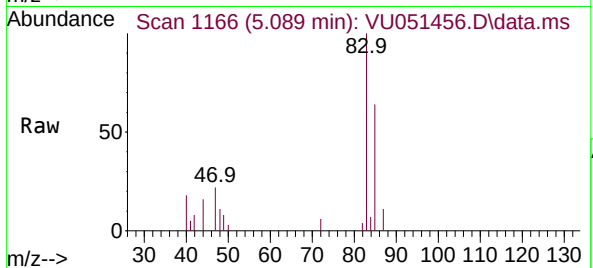
MDL-WATER-03-QT3-2022

Tgt Ion: 83 Resp: 7617

Ion Ratio Lower Upper

83 100

85 63.7 0.0 128.8



#28

1,1,1-Trichloroethane

Concen: 0.227 ug/l

RT: 5.314 min Scan# 1236

Delta R.T. -0.000 min

Lab File: VU051456.D

Acq: 19 Oct 2022 14:19

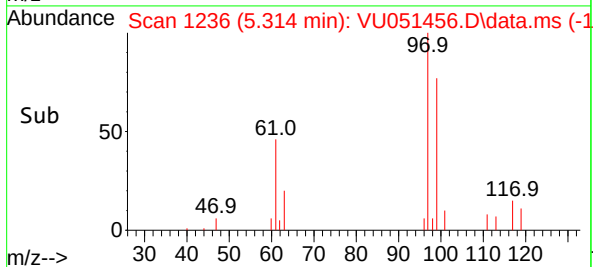
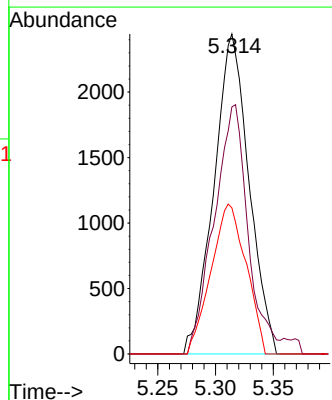
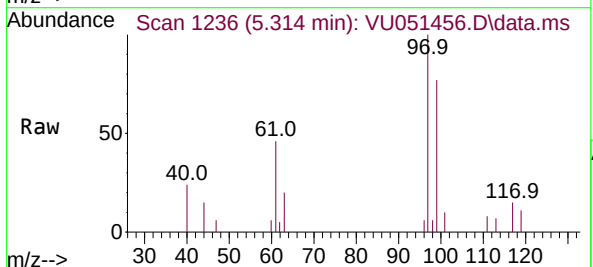
Tgt Ion: 97 Resp: 5158

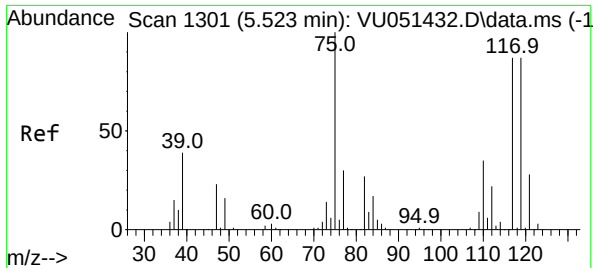
Ion Ratio Lower Upper

97 100

99 75.0 31.8 95.4

61 46.9 23.6 71.0





#29

1,1-Dichloropropene

Concen: 0.210 ug/l

RT: 5.523 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU051456.D

Acq: 19 Oct 2022 14:19

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT3-2022

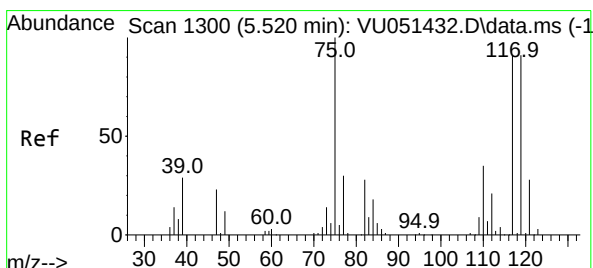
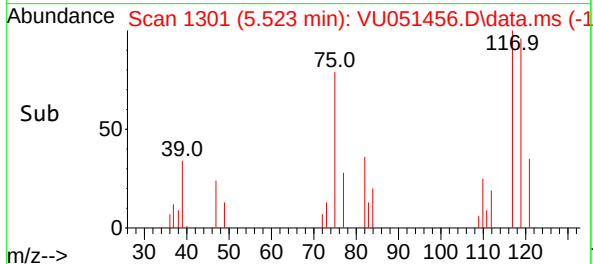
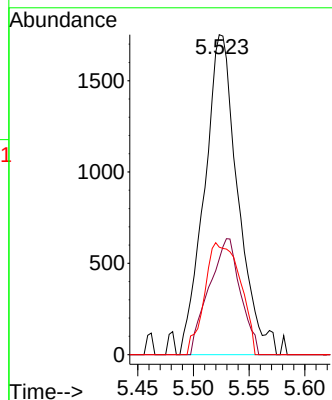
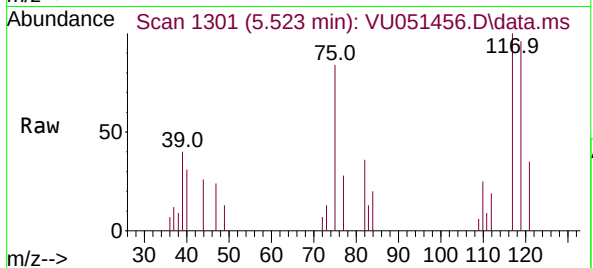
Tgt Ion: 75 Resp: 3652

Ion Ratio Lower Upper

75 100

110 34.0 17.8 53.3

77 37.1 24.2 36.4#



#30

Carbon Tetrachloride

Concen: 0.243 ug/l

RT: 5.517 min Scan# 1299

Delta R.T. -0.003 min

Lab File: VU051456.D

Acq: 19 Oct 2022 14:19

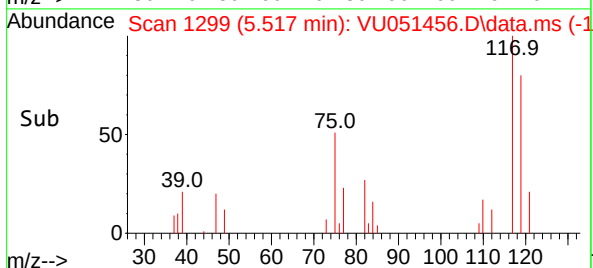
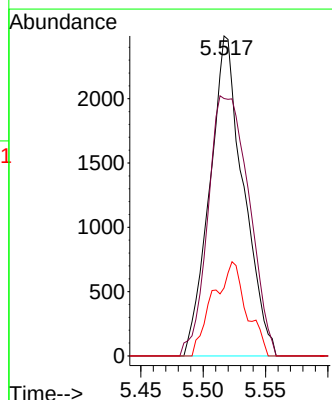
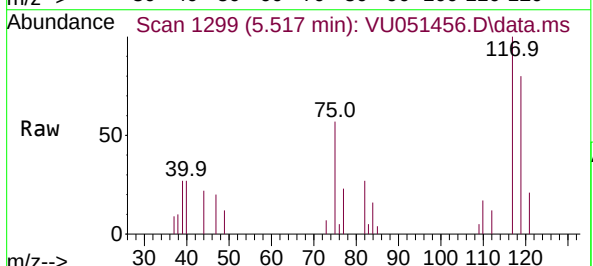
Tgt Ion: 117 Resp: 4671

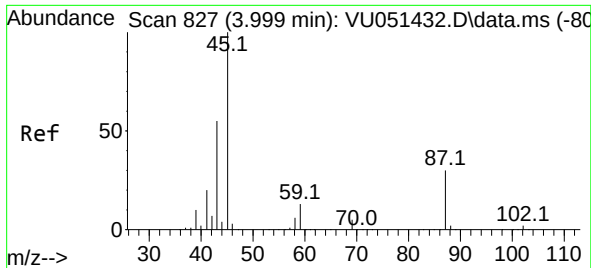
Ion Ratio Lower Upper

117 100

119 80.5 80.0 120.0

121 21.2 24.9 37.3#

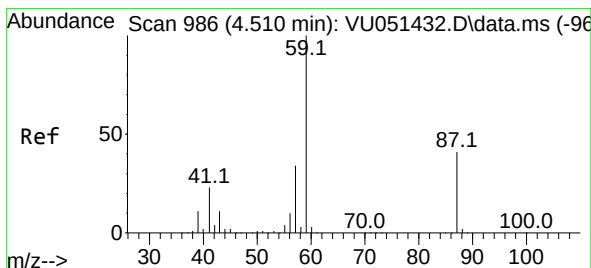
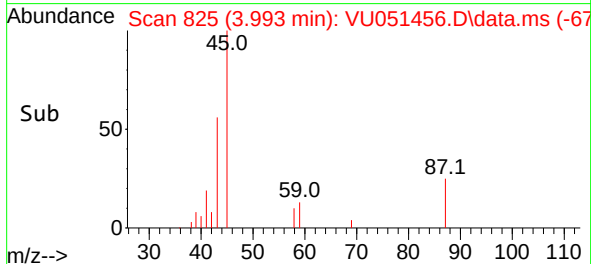
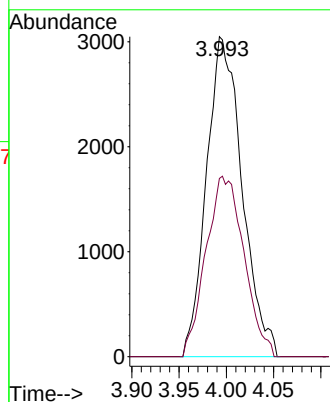
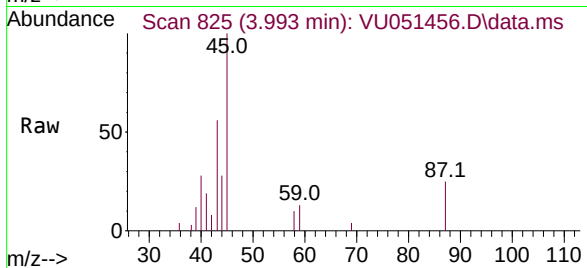




#31
Isopropyl Ether
Concen: 0.240 ug/l
RT: 3.993 min Scan# 81
Delta R.T. -0.007 min
Lab File: VU051456.D
Acq: 19 Oct 2022 14:19

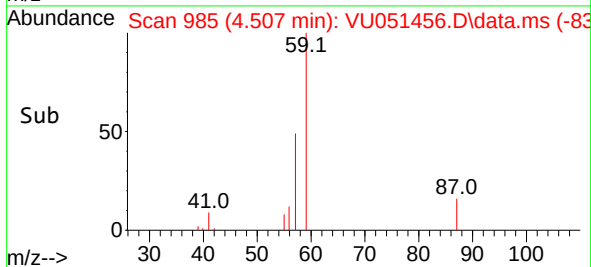
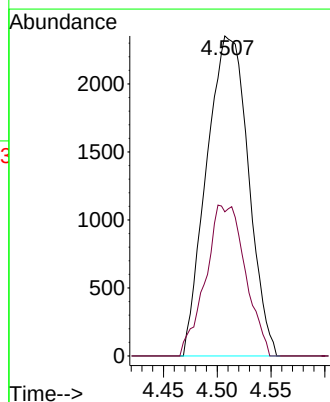
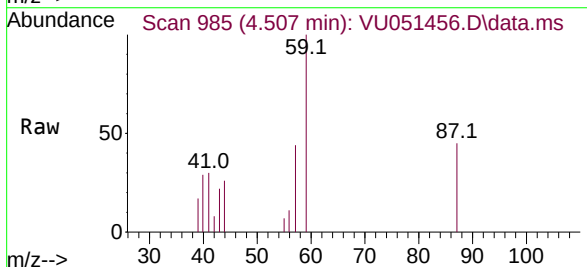
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2022

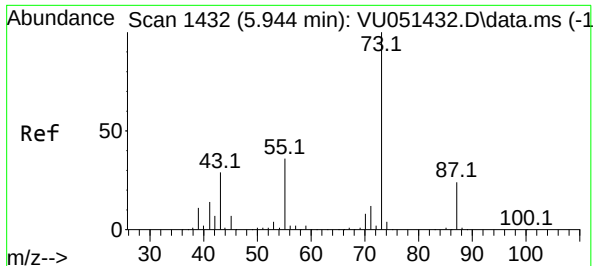
Tgt Ion: 45 Resp: 7982
Ion Ratio Lower Upper
45 100
43 60.3 27.6 82.7



#32
Ethyl-t-butyl ether
Concen: 0.209 ug/l
RT: 4.507 min Scan# 985
Delta R.T. -0.003 min
Lab File: VU051456.D
Acq: 19 Oct 2022 14:19

Tgt Ion: 59 Resp: 6351
Ion Ratio Lower Upper
59 100
87 44.7 33.8 50.8

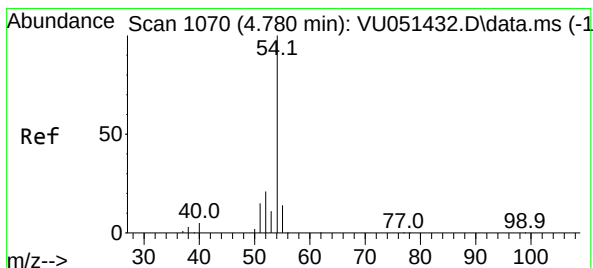
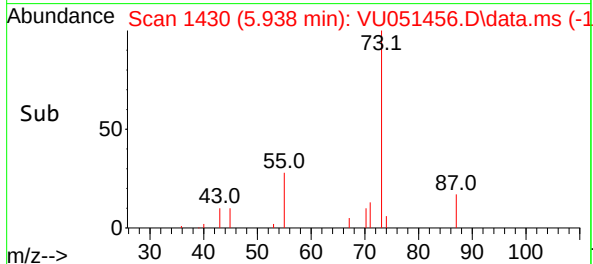
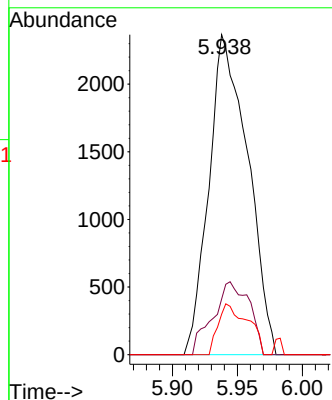
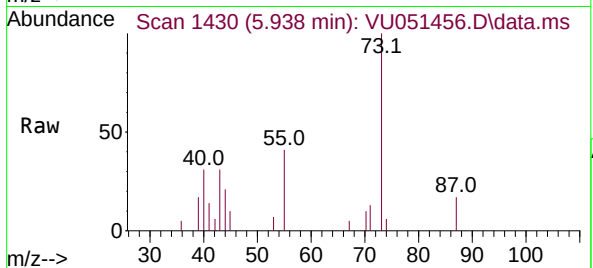




#33
Tert-Amyl methyl ether
Concen: 0.184 ug/l
RT: 5.938 min Scan# 1432
Delta R.T. -0.007 min
Lab File: VU051456.D
Acq: 19 Oct 2022 14:19

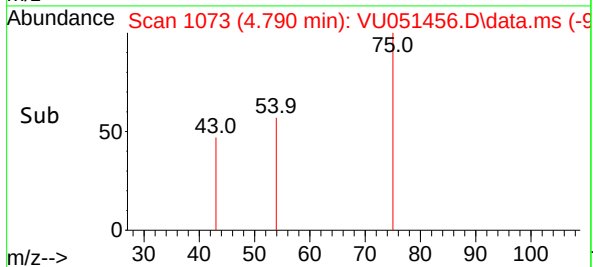
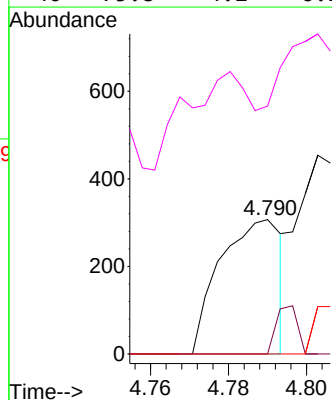
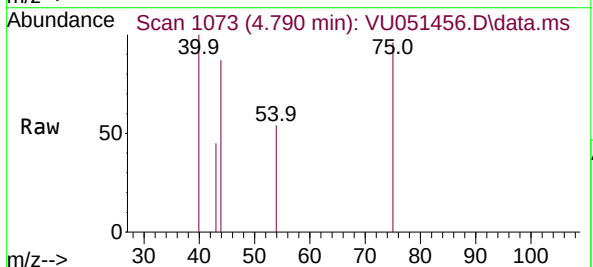
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2022

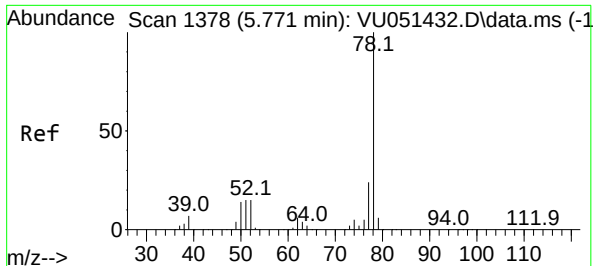
Tgt Ion: 73	Resp: 4912
Ion Ratio	Lower Upper
73	100
87	21.3 18.9 28.3
71	12.1 9.4 14.2



#34
Propionitrile
Concen: 0.284 ug/l
RT: 4.790 min Scan# 1073
Delta R.T. 0.010 min
Lab File: VU051456.D
Acq: 19 Oct 2022 14:19

Tgt Ion: 54	Resp: 335
Ion Ratio	Lower Upper
54	100
52	0.0 16.4 24.6#
55	0.0 11.5 17.3#
40	75.8 4.2 6.2#

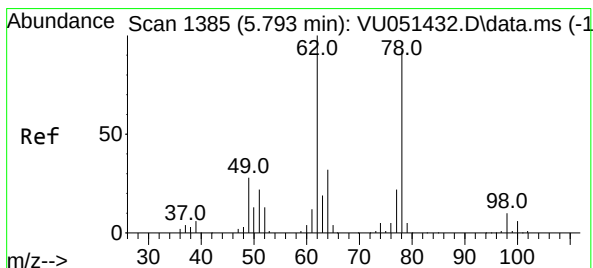
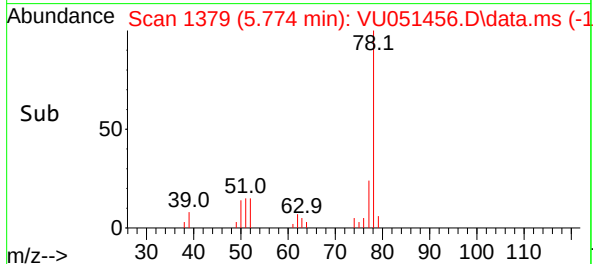
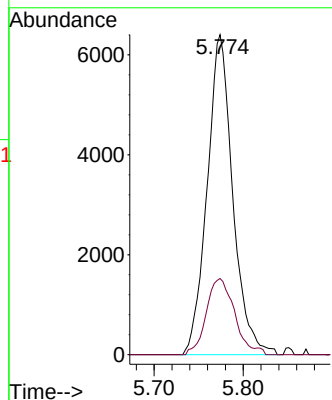
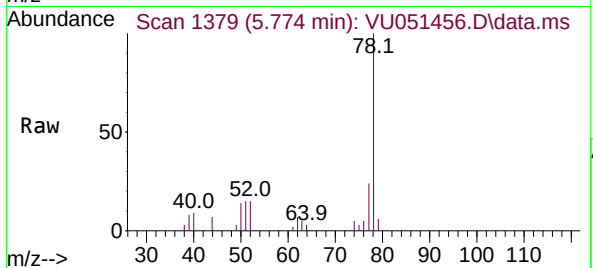




#35
Benzene
Concen: 0.219 ug/l
RT: 5.774 min Scan# 1378
Delta R.T. 0.003 min
Lab File: VU051456.D
Acq: 19 Oct 2022 14:19

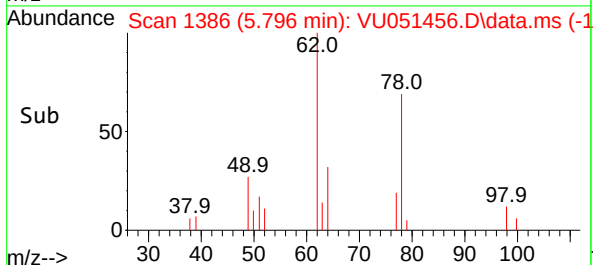
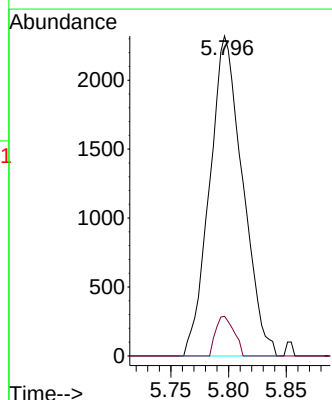
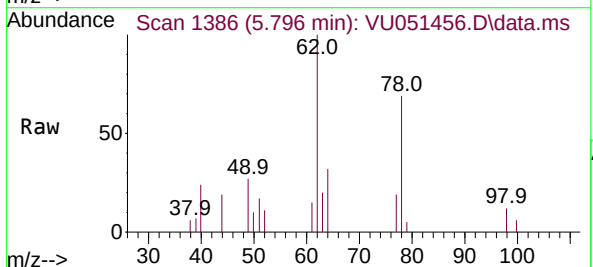
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2022

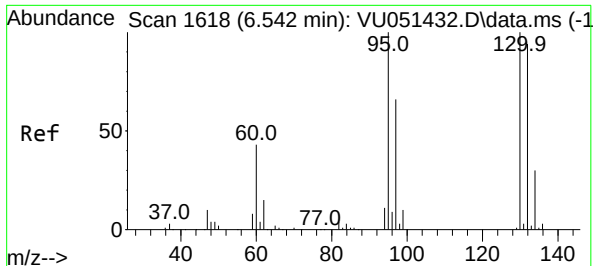
Tgt Ion: 78 Resp: 12794
Ion Ratio Lower Upper
78 100
77 23.8 19.0 28.6



#36
1,2-Dichloroethane
Concen: 0.256 ug/l
RT: 5.796 min Scan# 1386
Delta R.T. 0.003 min
Lab File: VU051456.D
Acq: 19 Oct 2022 14:19

Tgt Ion: 62 Resp: 4620
Ion Ratio Lower Upper
62 100
98 6.8 7.4 11.2





#37

Trichloroethene

Concen: 0.214 ug/l

RT: 6.546 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU051456.D

Acq: 19 Oct 2022 14:19

Instrument :

MSVOA_U

ClientSampleId :

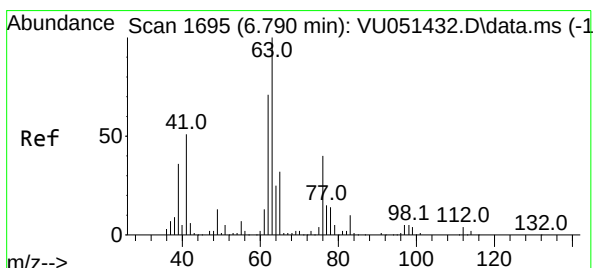
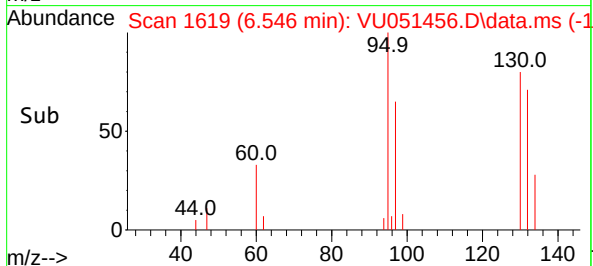
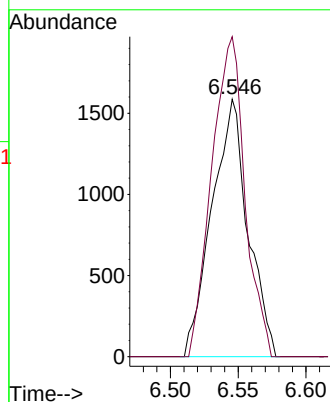
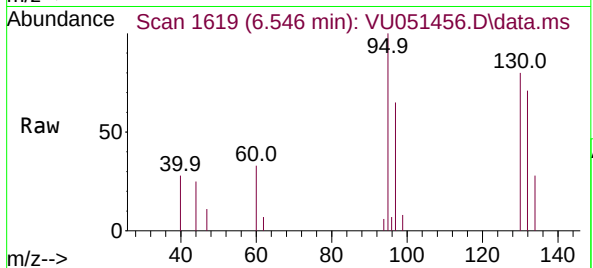
MDL-WATER-03-QT3-2022

Tgt Ion:130 Resp: 2933

Ion Ratio Lower Upper

130 100

95 124.3 80.2 120.4#



#38

1,2-Dichloropropane

Concen: 0.229 ug/l

RT: 6.787 min Scan# 1694

Delta R.T. -0.003 min

Lab File: VU051456.D

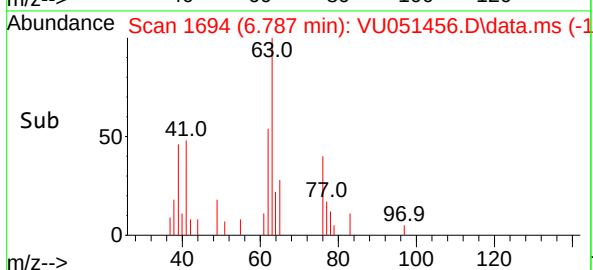
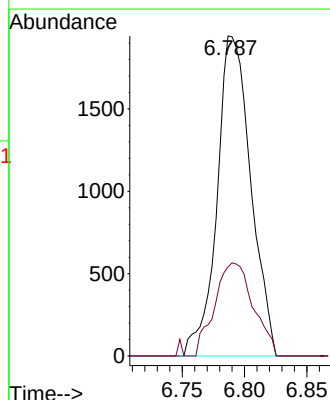
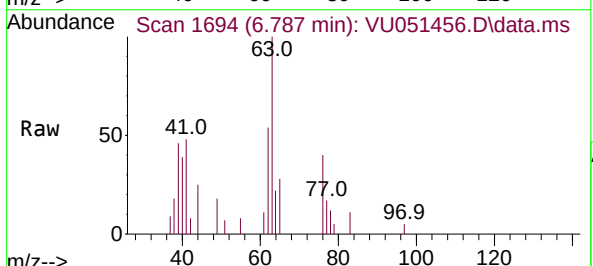
Acq: 19 Oct 2022 14:19

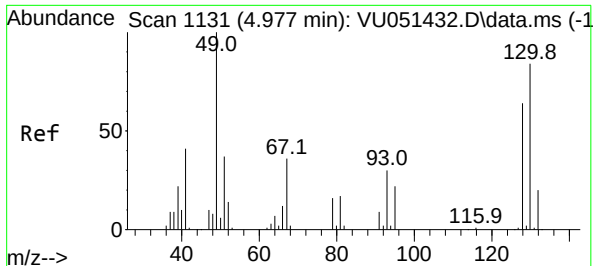
Tgt Ion: 63 Resp: 3667

Ion Ratio Lower Upper

63 100

65 27.8 25.4 38.2





#39

Methacrylonitrile

Concen: 0.099 ug/l

RT: 4.980 min Scan# 1131

Delta R.T. 0.003 min

Lab File: VU051456.D

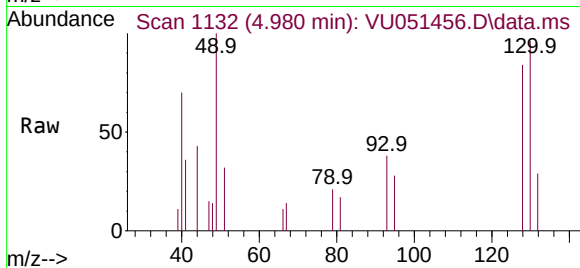
Acq: 19 Oct 2022 14:19

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT3-2022



Tgt Ion: 41 Resp: 400

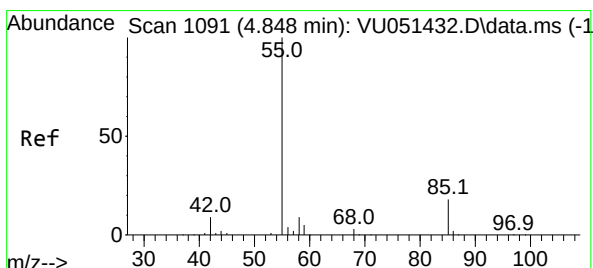
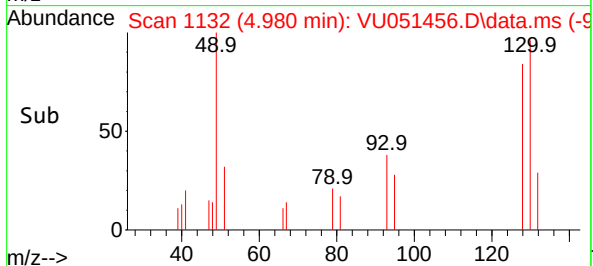
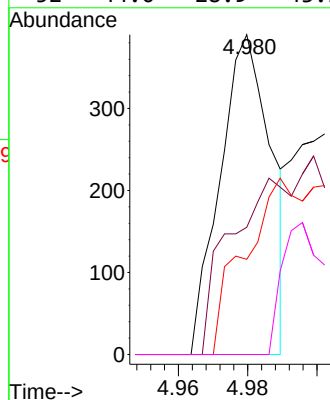
Ion Ratio Lower Upper

41 100

67 116.3 69.6 104.4#

39 61.3 42.2 63.4

52 44.0 28.9 43.3#



#40

Methyl acrylate

Concen: 0.140 ug/l

RT: 4.877 min Scan# 1100

Delta R.T. 0.029 min

Lab File: VU051456.D

Acq: 19 Oct 2022 14:19

Tgt Ion: 55 Resp: 899

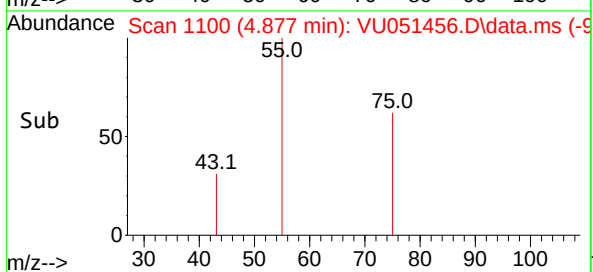
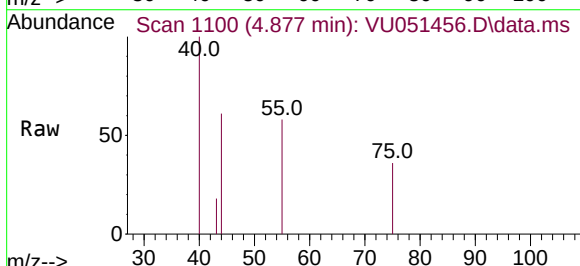
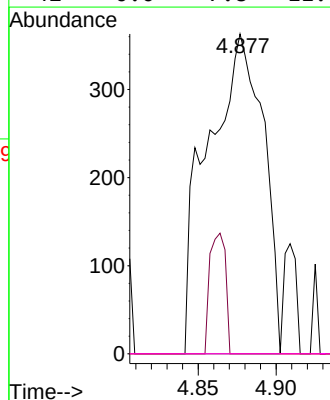
Ion Ratio Lower Upper

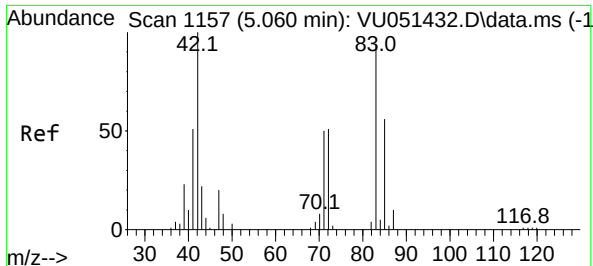
55 100

85 0.0 15.0 22.6#

58 0.0 7.5 11.3#

42 0.0 7.8 11.6#

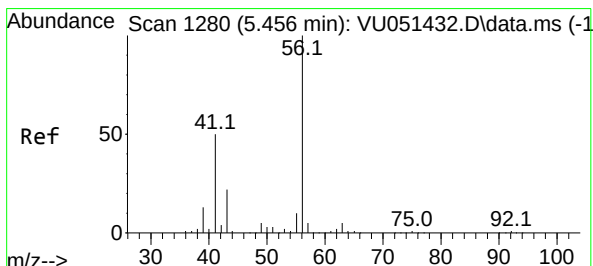
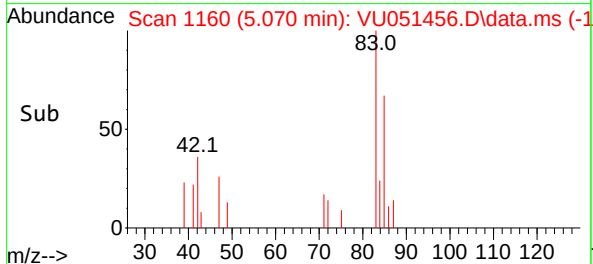
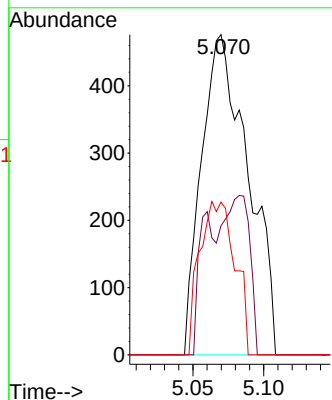
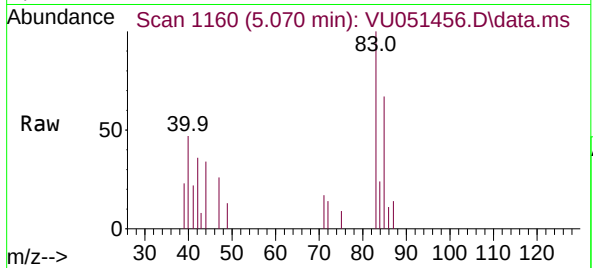




#41
Tetrahydrofuran
Concen: 0.513 ug/l
RT: 5.070 min Scan# 1157
Delta R.T. 0.010 min
Lab File: VU051456.D
Acq: 19 Oct 2022 14:19

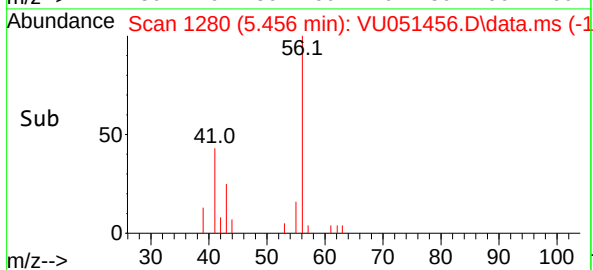
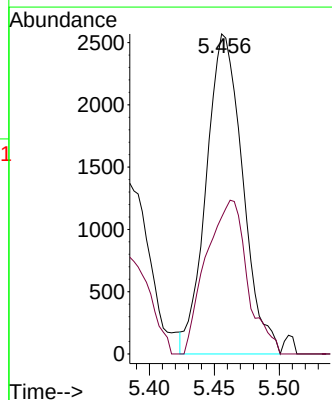
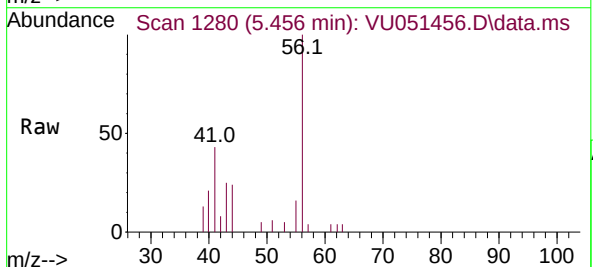
Instrument : MSVOA_U
ClientSampleId : MDL-WATER-03-QT3-2022

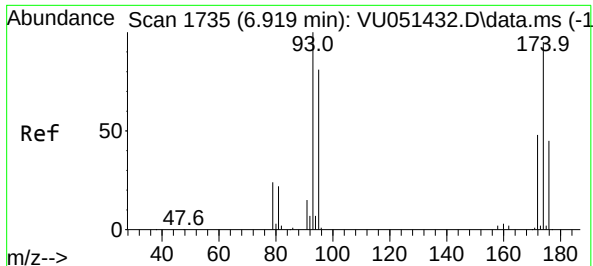
Tgt Ion:	42	Resp:	1086
Ion Ratio	Lower	Upper	
42	100		
72	16.1	42.6	64.0#
71	36.6	38.3	57.5#



#42
1-Chlorobutane
Concen: 0.211 ug/l
RT: 5.456 min Scan# 1280
Delta R.T. -0.000 min
Lab File: VU051456.D
Acq: 19 Oct 2022 14:19

Tgt Ion:	56	Resp:	5006
Ion Ratio	Lower	Upper	
56	100		
41	54.4	24.8	74.4

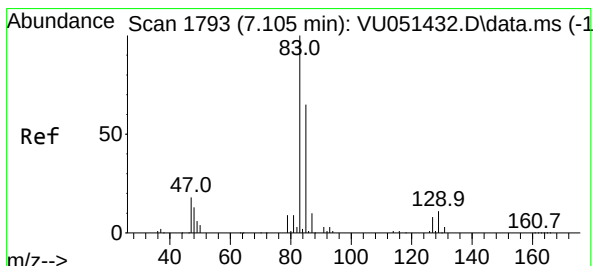
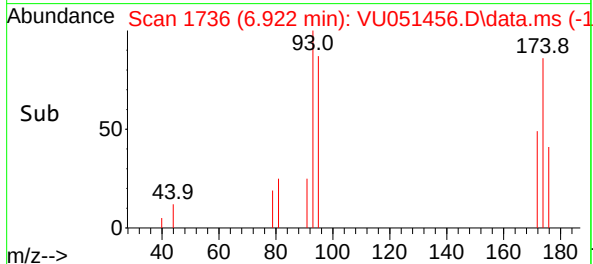
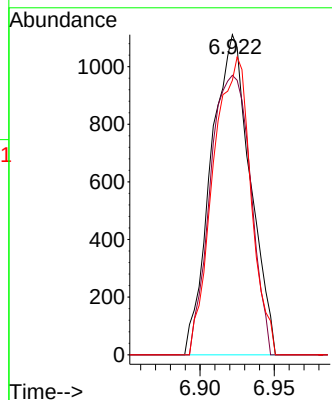
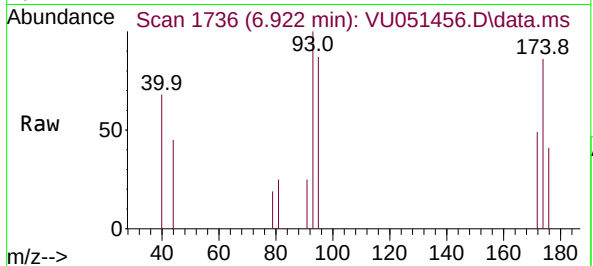




#43
Dibromomethane
Concen: 0.245 ug/l
RT: 6.922 min Scan# 1736
Delta R.T. 0.003 min
Lab File: VU051456.D
Acq: 19 Oct 2022 14:19

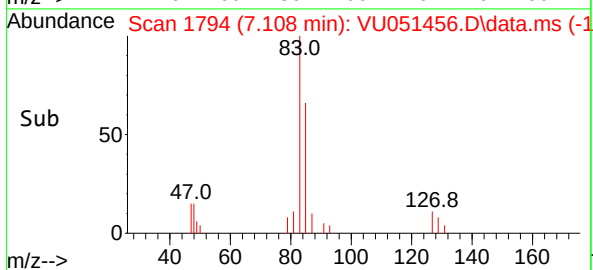
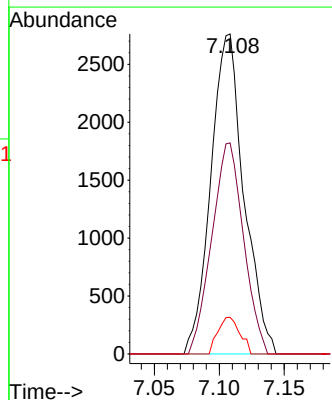
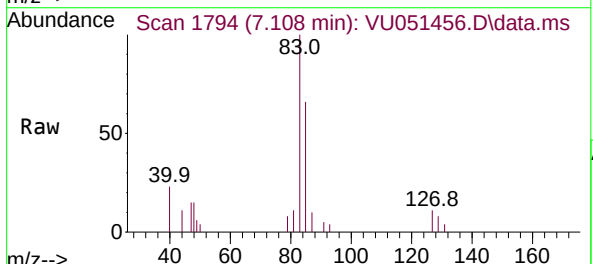
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2022

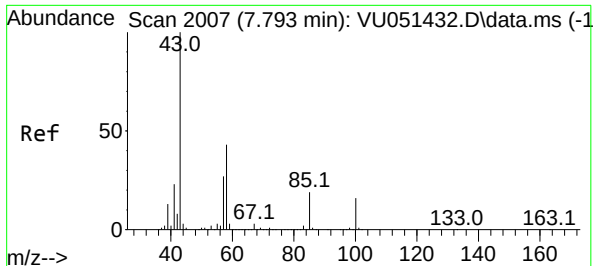
Tgt Ion: 93	Resp:	2041	
Ion	Ratio	Lower	Upper
93	100		
95	89.6	66.7	100.1
174	89.4	75.5	113.3



#44
Bromodichloromethane
Concen: 0.243 ug/l
RT: 7.108 min Scan# 1794
Delta R.T. 0.003 min
Lab File: VU051456.D
Acq: 19 Oct 2022 14:19

Tgt Ion: 83	Resp:	4893	
Ion Ratio	Lower	Upper	
83 100			
85 65.9	52.1	78.1	
127 11.4	6.8	10.2	#





#45

4-Methyl-2-Pentanone

Concen: 0.949 ug/l

RT: 7.796 min Scan# 2007

Delta R.T. 0.003 min

Lab File: VU051456.D

Acq: 19 Oct 2022 14:19

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT3-2022

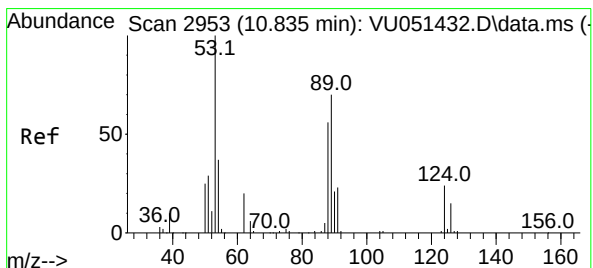
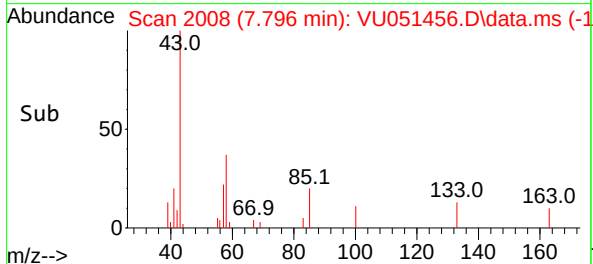
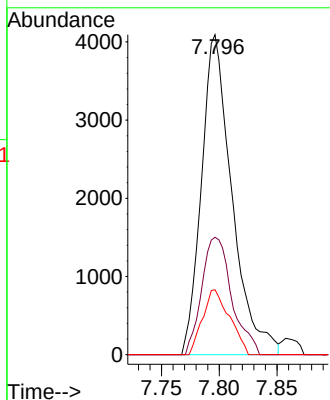
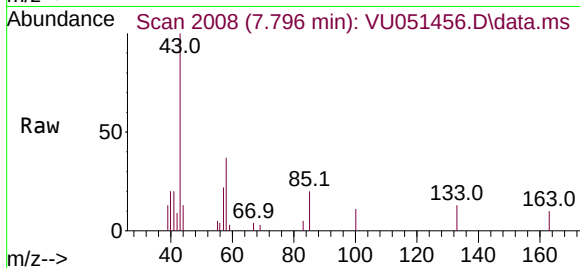
Tgt Ion: 43 Resp: 7517

Ion Ratio Lower Upper

43 100

58 36.2 21.4 64.3

85 17.9 15.4 23.0



#46

t-1,4-Dichloro-2-butene

Concen: 0.921 ug/l

RT: 10.822 min Scan# 2949

Delta R.T. -0.013 min

Lab File: VU051456.D

Acq: 19 Oct 2022 14:19

Tgt Ion: 75 Resp: 4073

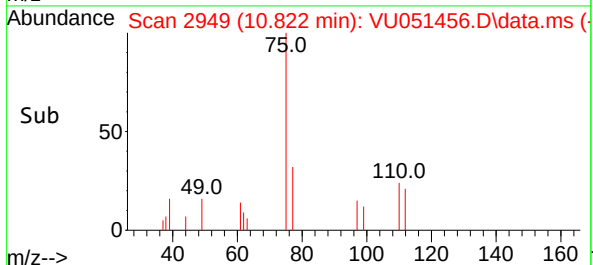
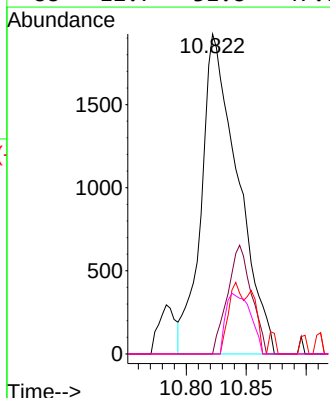
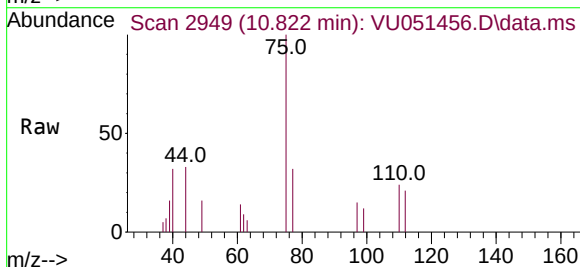
Ion Ratio Lower Upper

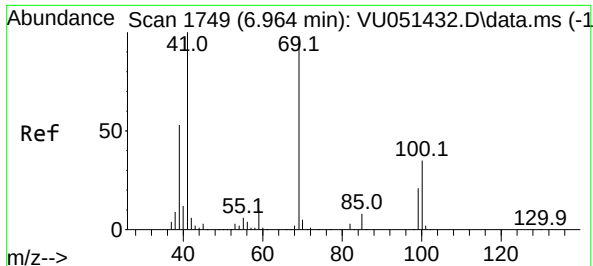
75 100

53 22.3 61.1 91.7#

89 8.8 41.0 61.6#

88 12.7 31.8 47.8#

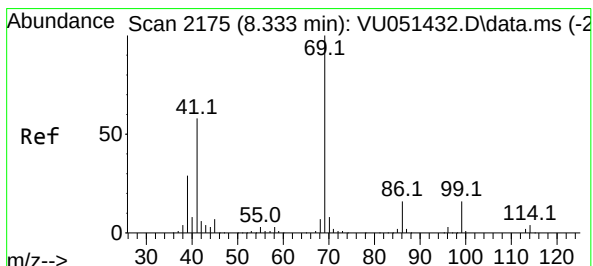
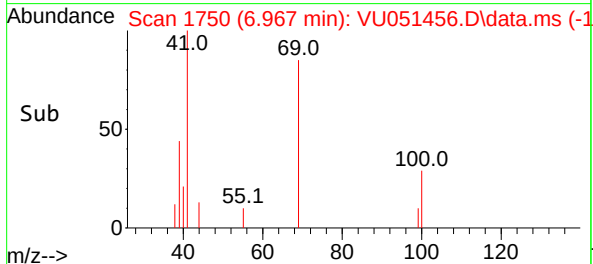
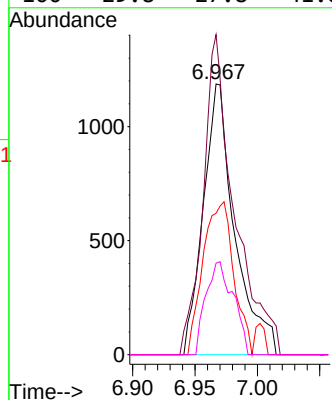
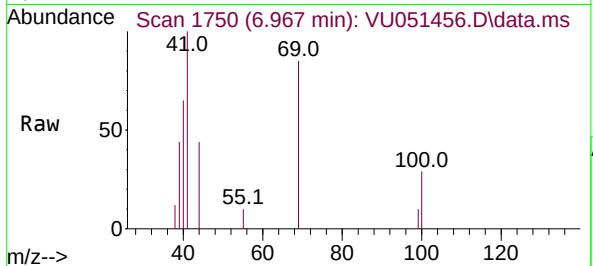




#47
Methyl methacrylate
Concen: 0.328 ug/l
RT: 6.967 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU051456.D
Acq: 19 Oct 2022 14:19

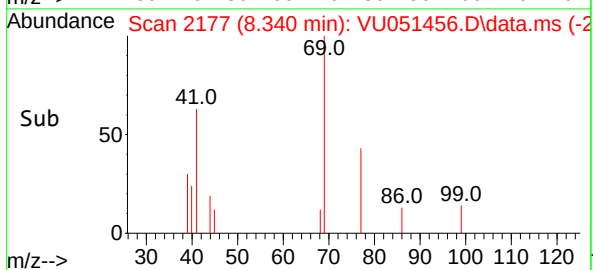
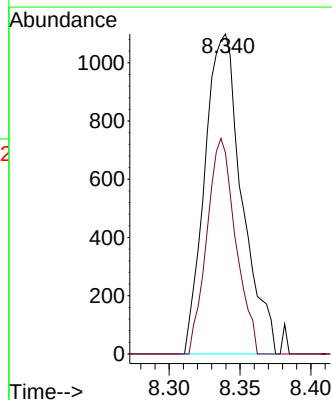
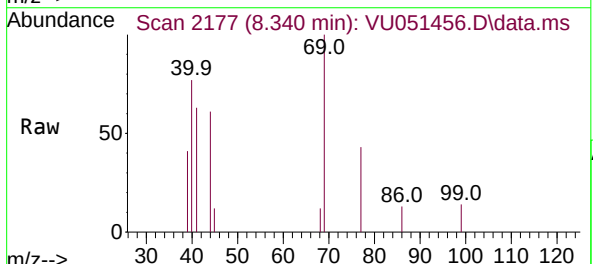
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2022

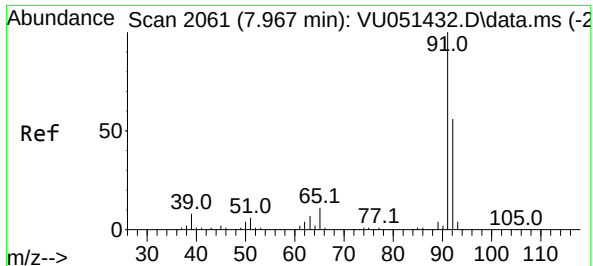
Tgt Ion:	69	Resp:	2084
Ion	Ratio	Lower	Upper
69	100		
41	117.4	0.0	200.8
39	55.0	44.1	66.1
100	29.8	27.8	41.8



#48
Ethyl methacrylate
Concen: 0.188 ug/l
RT: 8.340 min Scan# 2177
Delta R.T. 0.007 min
Lab File: VU051456.D
Acq: 19 Oct 2022 14:19

Tgt Ion:	69	Resp:	2001
Ion	Ratio	Lower	Upper
69	100		
41	52.3	28.8	86.5





#49

Toluene

Concen: 0.181 ug/l

RT: 7.970 min Scan# 2061

Delta R.T. 0.003 min

Lab File: VU051456.D

Acq: 19 Oct 2022 14:19

Instrument :

MSVOA_U

ClientSampleId :

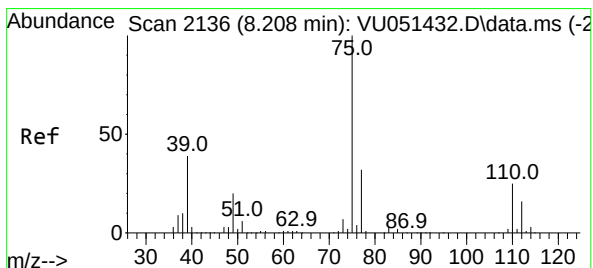
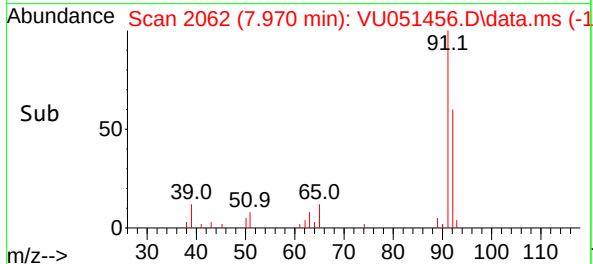
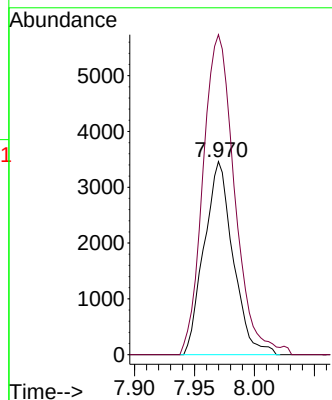
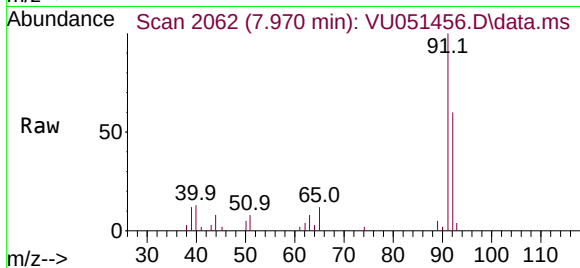
MDL-WATER-03-QT3-2022

Tgt Ion: 92 Resp: 5815

Ion Ratio Lower Upper

92 100

91 181.0 141.8 212.6



#50

t-1,3-Dichloropropene

Concen: 0.182 ug/l

RT: 8.214 min Scan# 2138

Delta R.T. 0.006 min

Lab File: VU051456.D

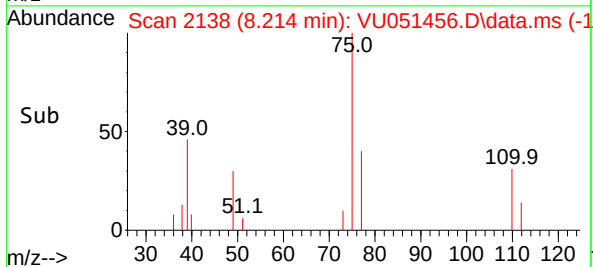
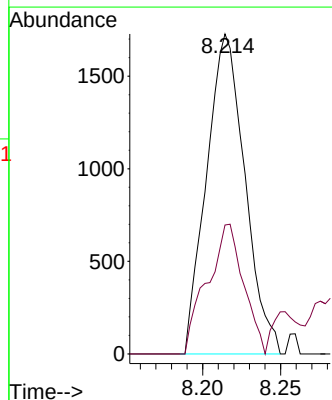
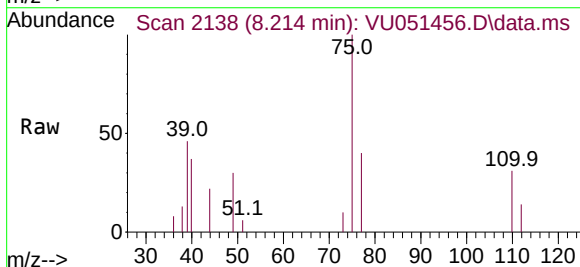
Acq: 19 Oct 2022 14:19

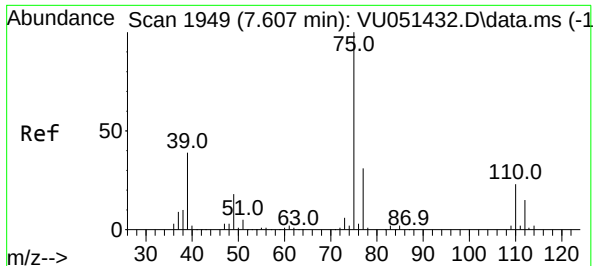
Tgt Ion: 75 Resp: 2956

Ion Ratio Lower Upper

75 100

77 40.3 25.8 38.6#





#51

cis-1,3-Dichloropropene

Concen: 0.205 ug/l

RT: 7.610 min Scan# 1949

Delta R.T. 0.003 min

Lab File: VU051456.D

Acq: 19 Oct 2022 14:19

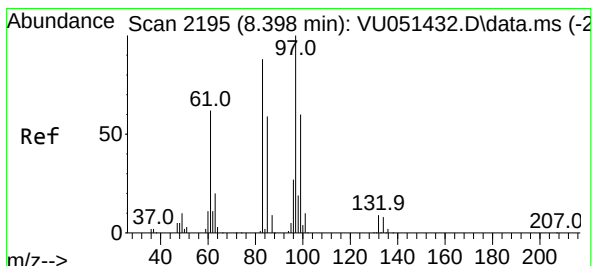
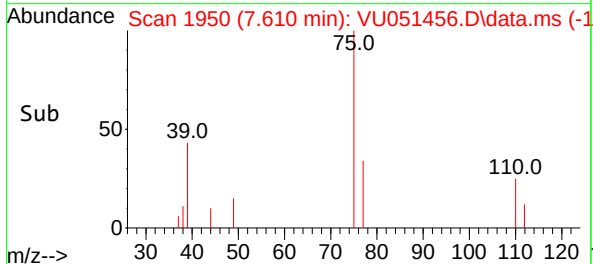
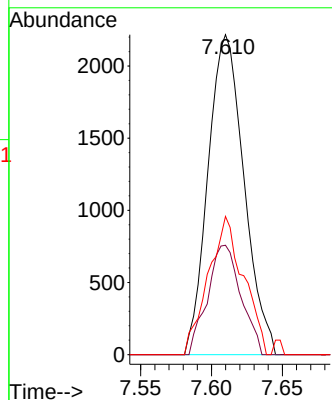
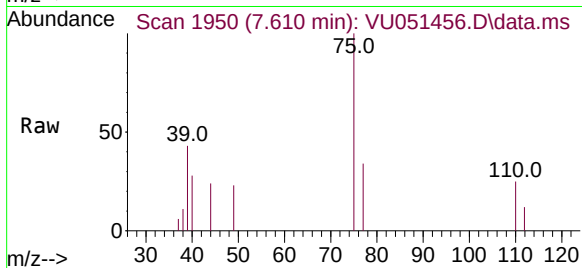
Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT3-2022

Tgt Ion:	75	Resp:	3917
Ion	Ratio	Lower	Upper
75	100		
77	34.2	25.1	37.7
39	43.2	31.4	47.0



#52

1,1,2-Trichloroethane

Concen: 0.228 ug/l

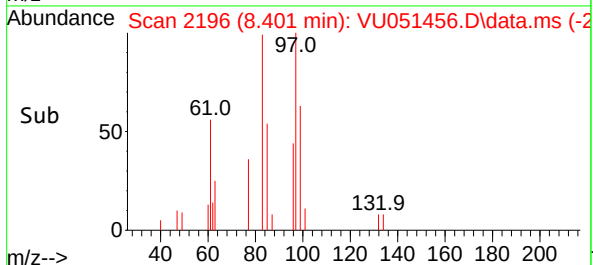
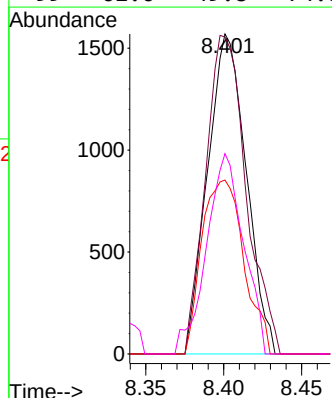
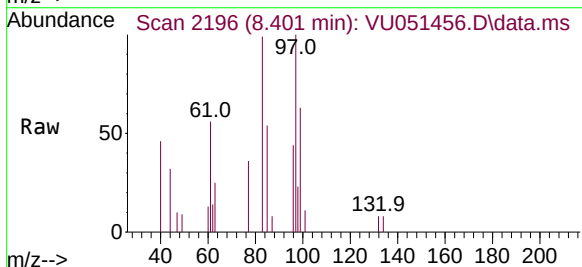
RT: 8.401 min Scan# 2196

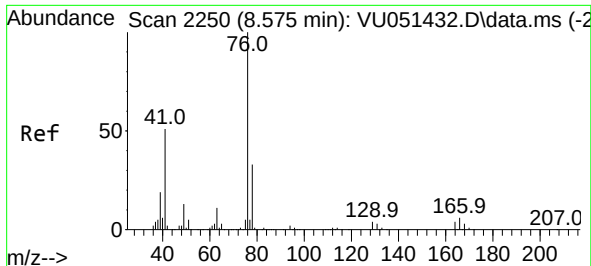
Delta R.T. 0.003 min

Lab File: VU051456.D

Acq: 19 Oct 2022 14:19

Tgt Ion:	97	Resp:	2707
Ion	Ratio	Lower	Upper
97	100		
83	99.0	70.6	105.8
85	54.3	47.0	70.4
99	62.6	49.8	74.8





#53

1,3-Dichloropropane

Concen: 0.190 ug/l

RT: 8.574 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU051456.D

Acq: 19 Oct 2022 14:19

Instrument :

MSVOA_U

ClientSampleId :

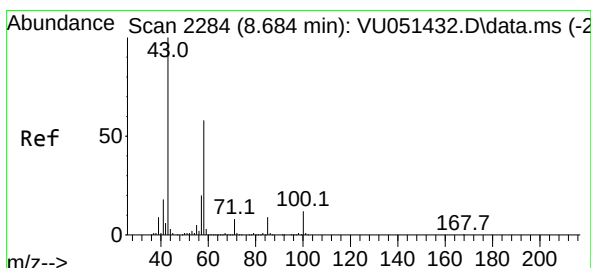
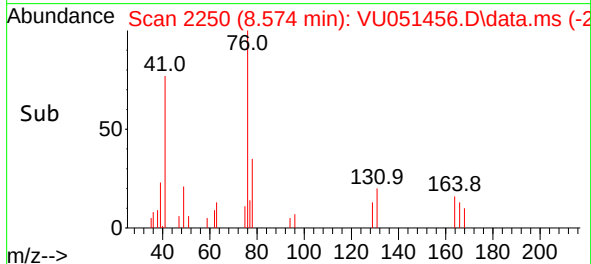
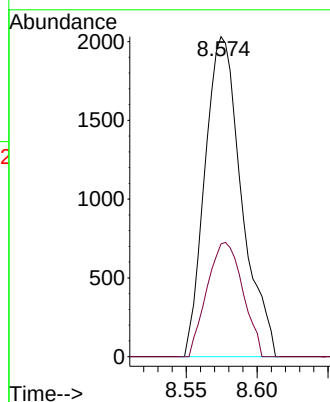
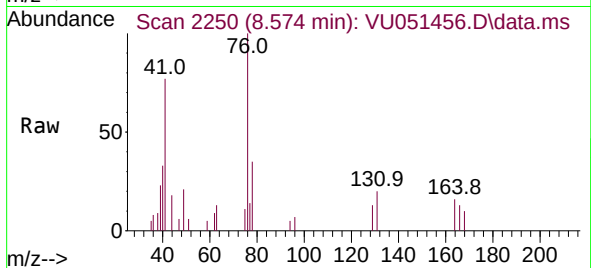
MDL-WATER-03-QT3-2022

Tgt Ion: 76 Resp: 3645

Ion Ratio Lower Upper

76 100

78 34.9 26.4 39.6



#54

2-Hexanone

Concen: 0.929 ug/l

RT: 8.690 min Scan# 2286

Delta R.T. 0.006 min

Lab File: VU051456.D

Acq: 19 Oct 2022 14:19

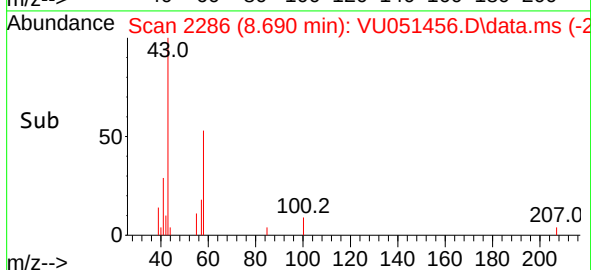
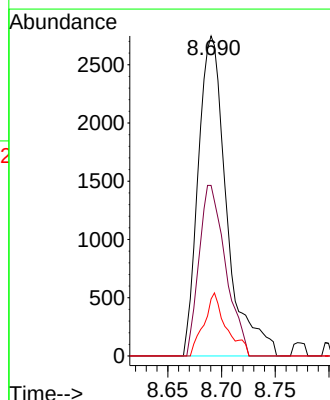
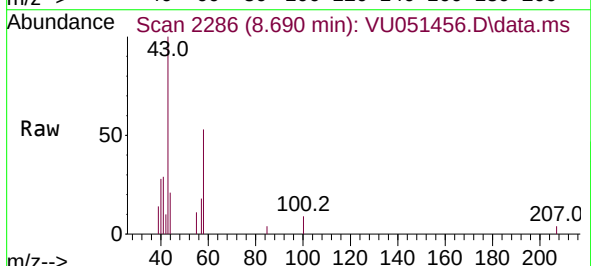
Tgt Ion: 43 Resp: 5060

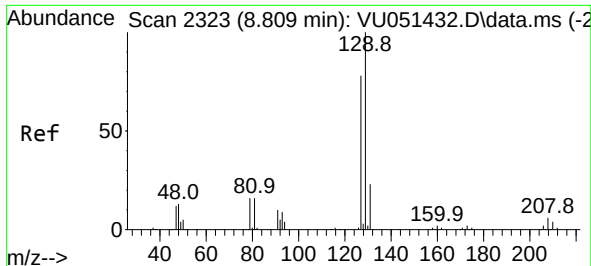
Ion Ratio Lower Upper

43 100

58 49.6 38.0 78.0

57 15.5 0.0 39.9

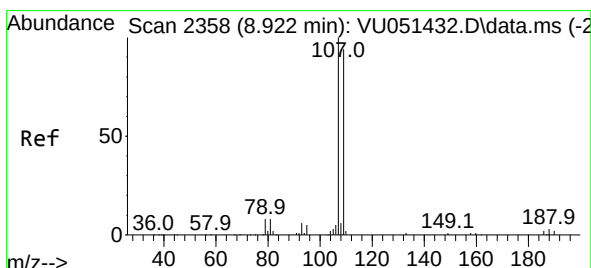
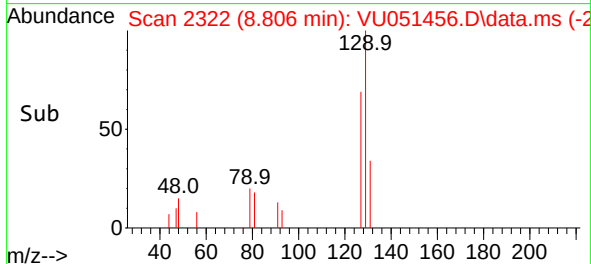
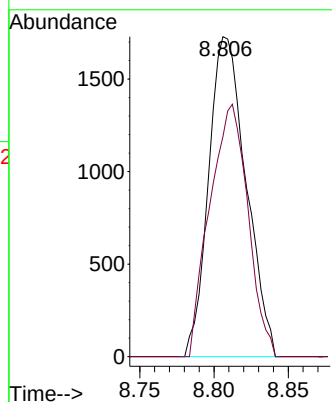
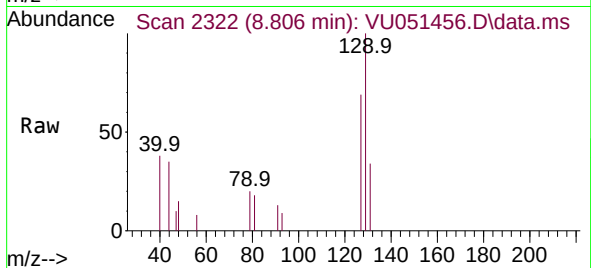




#55
Dibromochloromethane
Concen: 0.234 ug/l
RT: 8.806 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU051456.D
Acq: 19 Oct 2022 14:19

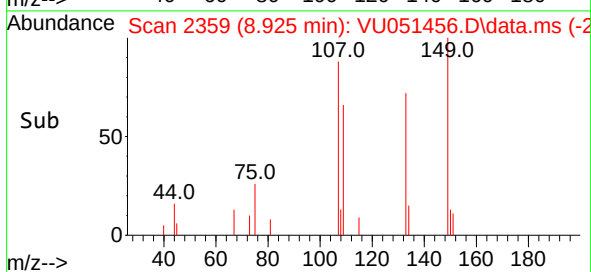
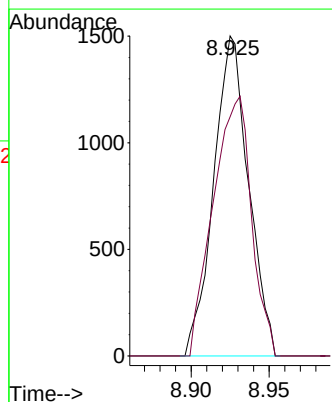
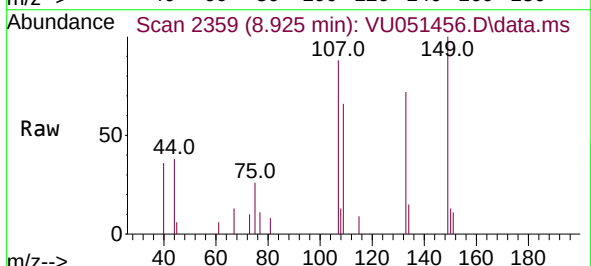
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2022

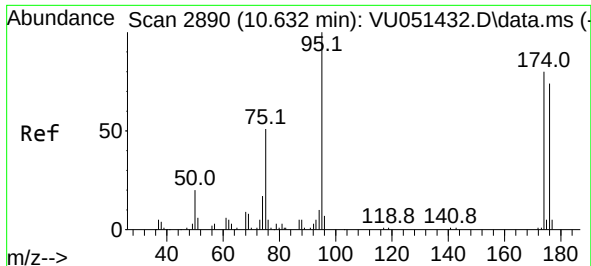
Tgt Ion:129 Resp: 3027
Ion Ratio Lower Upper
129 100
127 80.4 62.1 93.1



#56
1,2-Dibromoethane
Concen: 0.224 ug/l
RT: 8.925 min Scan# 2359
Delta R.T. 0.003 min
Lab File: VU051456.D
Acq: 19 Oct 2022 14:19

Tgt Ion:107 Resp: 2336
Ion Ratio Lower Upper
107 100
109 89.2 0.0 190.6





#57

4-Bromofluorobenzene

Concen: 0.781 ug/l

RT: 10.632 min Scan# 2890

Delta R.T. -0.000 min

Lab File: VU051456.D

Acq: 19 Oct 2022 14:19

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT3-2022

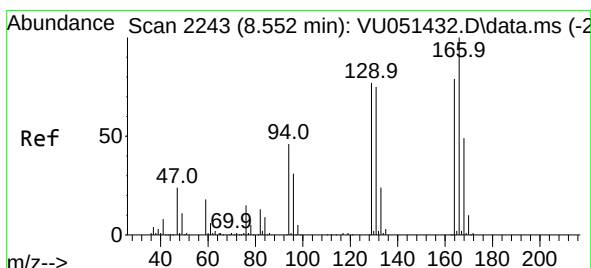
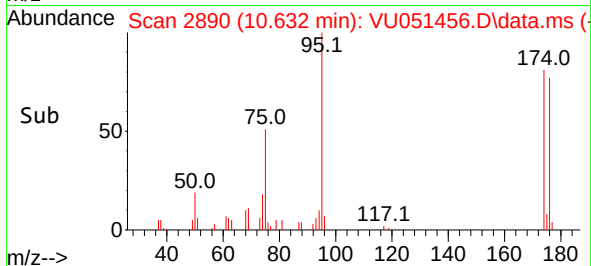
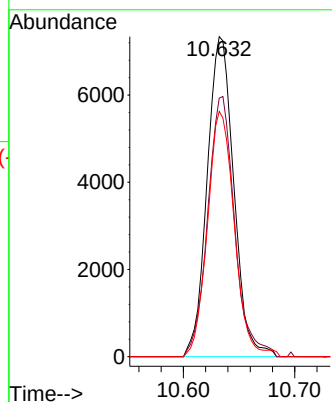
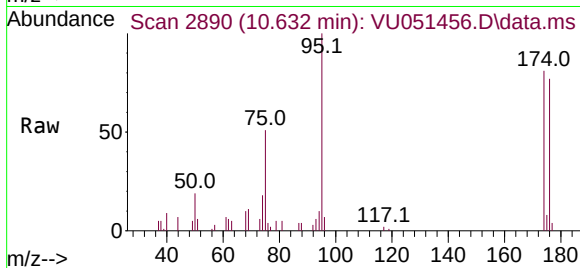
Tgt Ion: 95 Resp: 12187

Ion Ratio Lower Upper

95 100

174 82.1 63.0 94.6

176 77.2 59.8 89.6



#58

Tetrachloroethene

Concen: 0.234 ug/l

RT: 8.552 min Scan# 2243

Delta R.T. -0.000 min

Lab File: VU051456.D

Acq: 19 Oct 2022 14:19

Tgt Ion: 164 Resp: 2802

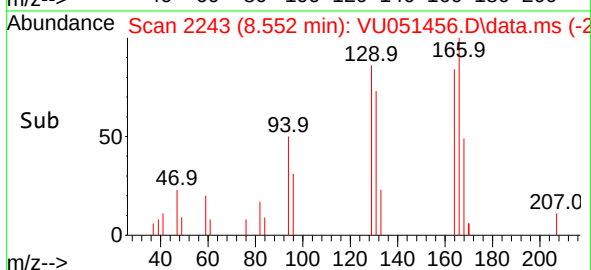
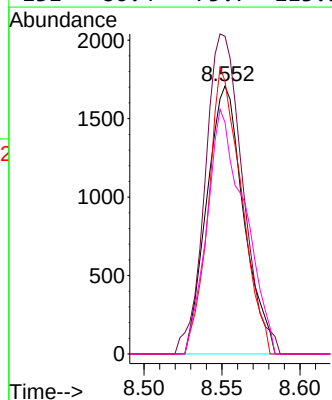
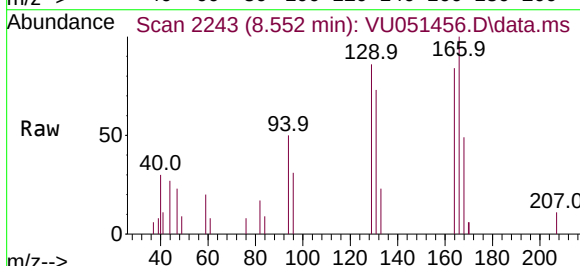
Ion Ratio Lower Upper

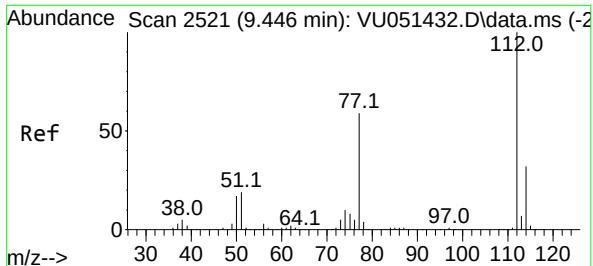
164 100

166 118.6 100.9 151.3

129 101.8 77.5 116.3

131 86.4 75.7 113.5





#59

Chlorobenzene

Concen: 0.193 ug/l

RT: 9.449 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU051456.D

Acq: 19 Oct 2022 14:19

Instrument :

MSVOA_U

ClientSampleId :

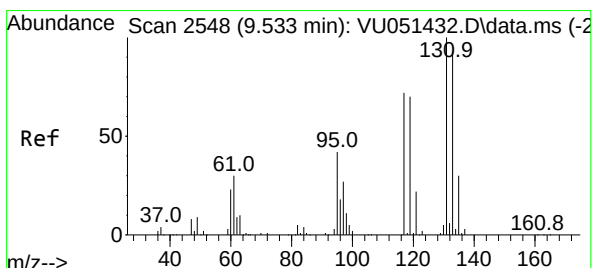
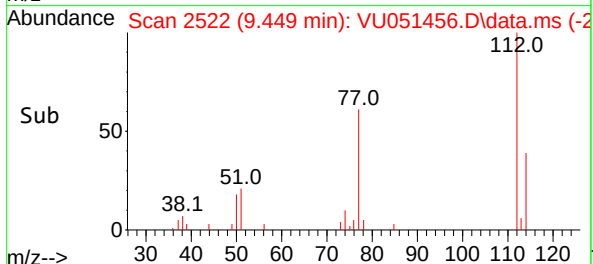
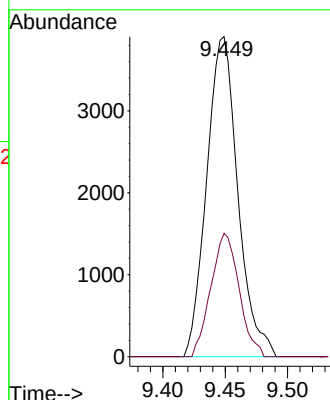
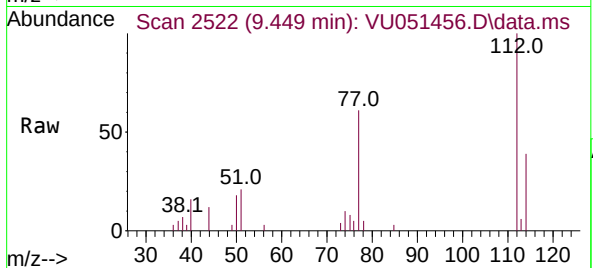
MDL-WATER-03-QT3-2022

Tgt Ion:112 Resp: 6798

Ion Ratio Lower Upper

112 100

114 38.5 25.8 38.6



#60

1,1,1,2-Tetrachloroethane

Concen: 0.255 ug/l

RT: 9.536 min Scan# 2549

Delta R.T. 0.003 min

Lab File: VU051456.D

Acq: 19 Oct 2022 14:19

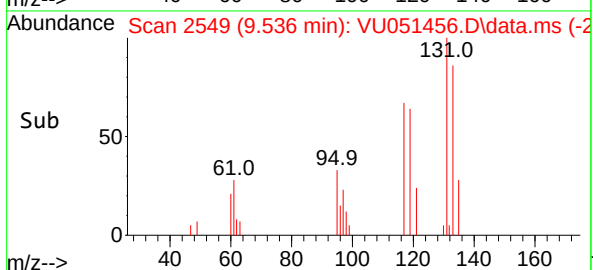
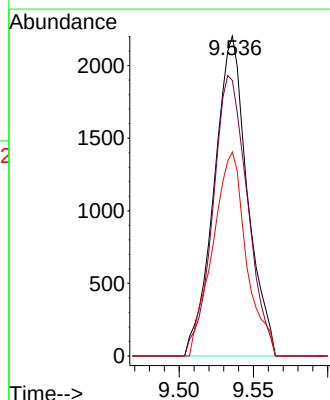
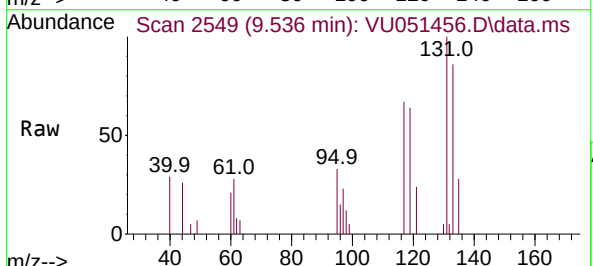
Tgt Ion:131 Resp: 3433

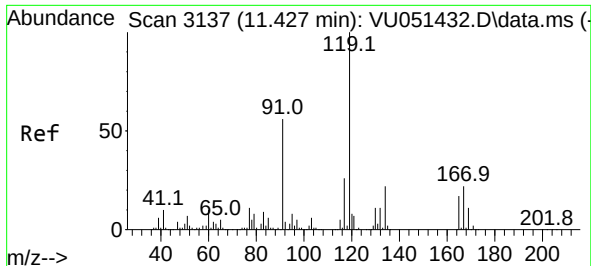
Ion Ratio Lower Upper

131 100

133 90.4 76.5 114.7

119 64.6 56.5 84.7

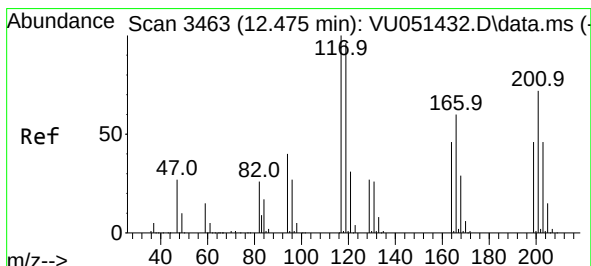
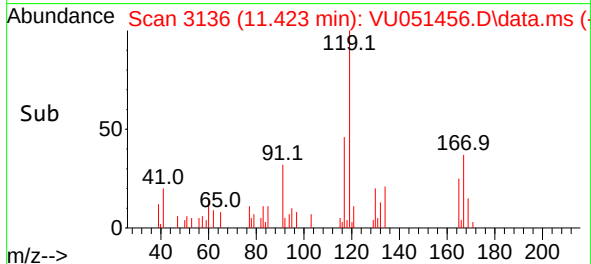
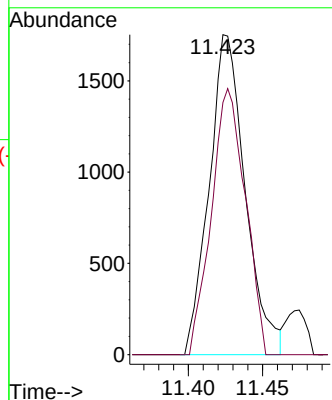
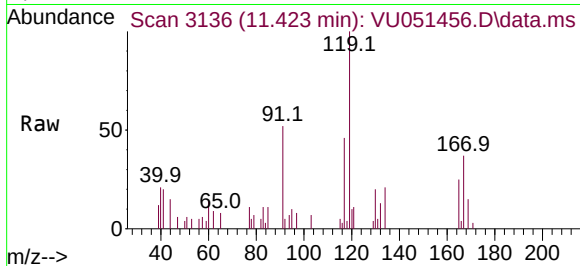




#61
Pentachloroethane
Concen: 0.247 ug/l
RT: 11.423 min Scan# 3137
Delta R.T. -0.004 min
Lab File: VU051456.D
Acq: 19 Oct 2022 14:19

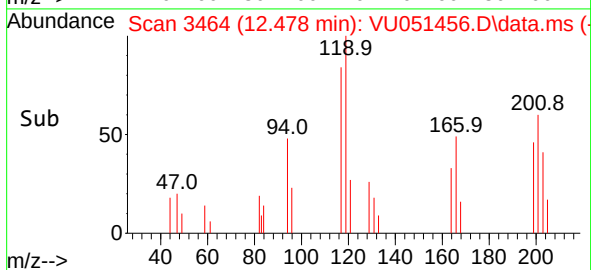
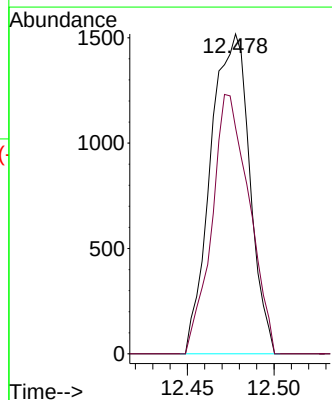
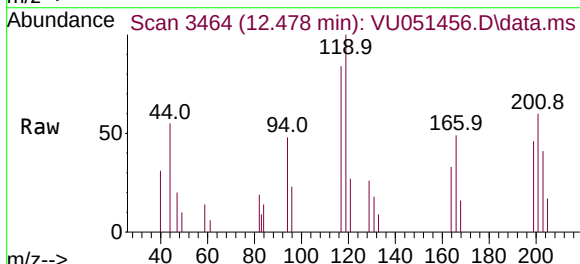
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2022

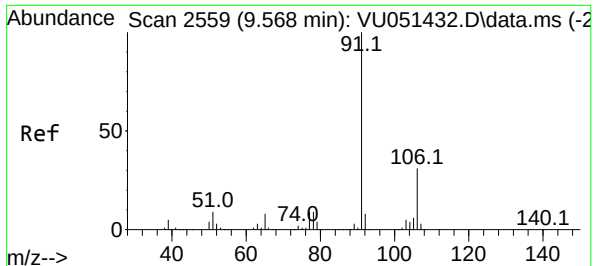
Tgt Ion:117 Resp: 2965
Ion Ratio Lower Upper
117 100
167 78.0 63.3 94.9



#62
Hexachloroethane
Concen: 0.208 ug/l
RT: 12.478 min Scan# 3464
Delta R.T. 0.003 min
Lab File: VU051456.D
Acq: 19 Oct 2022 14:19

Tgt Ion:117 Resp: 2377
Ion Ratio Lower Upper
117 100
201 77.5 57.4 86.2

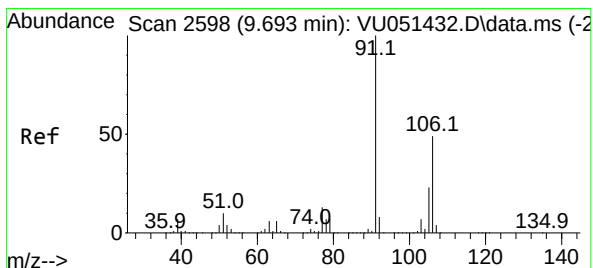
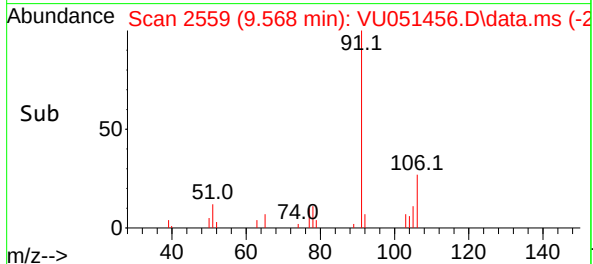
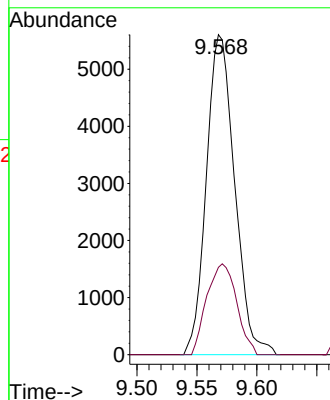
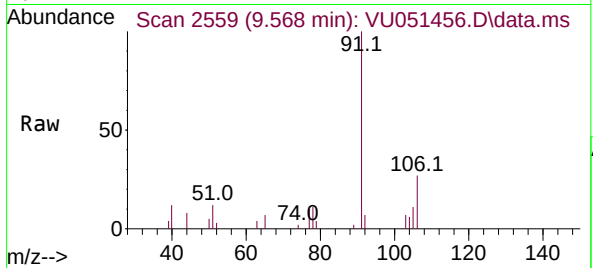




#63
Ethyl Benzene
Concen: 0.172 ug/l
RT: 9.568 min Scan# 2559
Delta R.T. -0.000 min
Lab File: VU051456.D
Acq: 19 Oct 2022 14:19

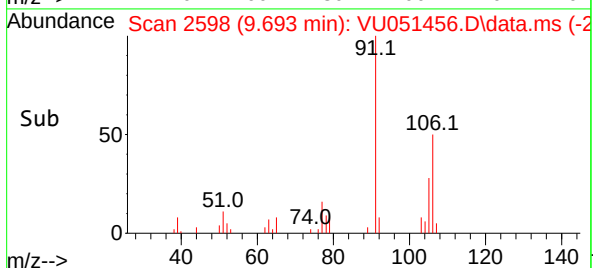
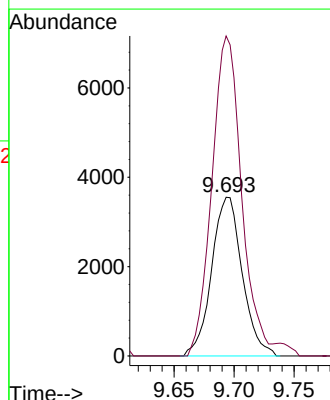
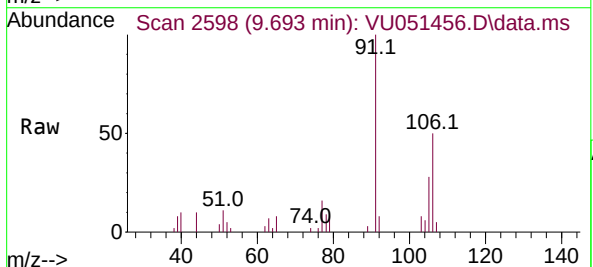
Instrument : MSVOA_U
ClientSampleId : MDL-WATER-03-QT3-2022

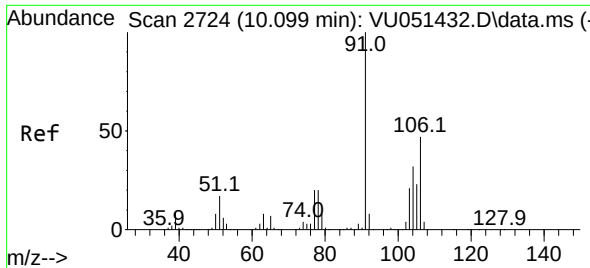
Tgt Ion: 91 Resp: 9194
Ion Ratio Lower Upper
91 100
106 27.3 24.9 37.3



#64
m/p-Xylenes
Concen: 0.296 ug/l
RT: 9.693 min Scan# 2598
Delta R.T. 0.000 min
Lab File: VU051456.D
Acq: 19 Oct 2022 14:19

Tgt Ion:106 Resp: 6304
Ion Ratio Lower Upper
106 100
91 195.3 163.2 244.8

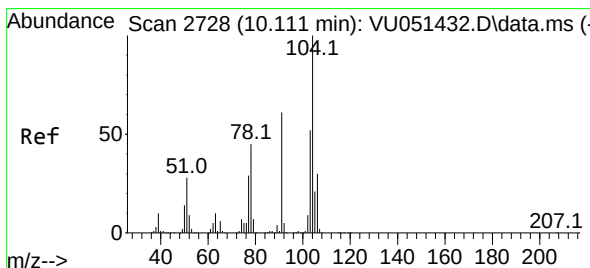
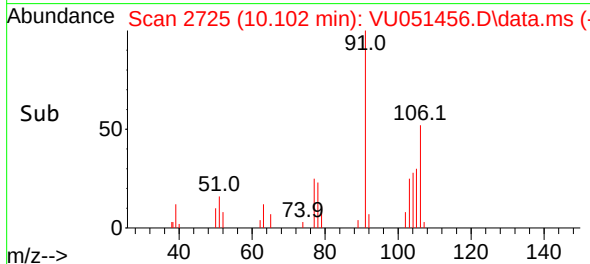
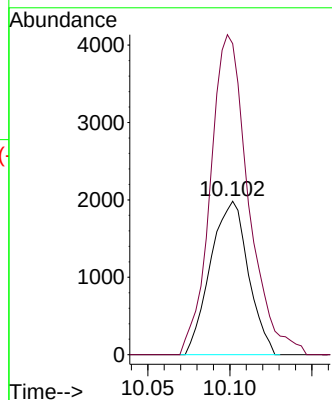
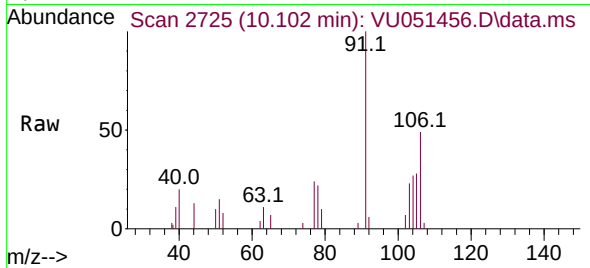




#65
o-Xylene
Concen: 0.154 ug/l
RT: 10.102 min Scan# 2725
Delta R.T. 0.003 min
Lab File: VU051456.D
Acq: 19 Oct 2022 14:19

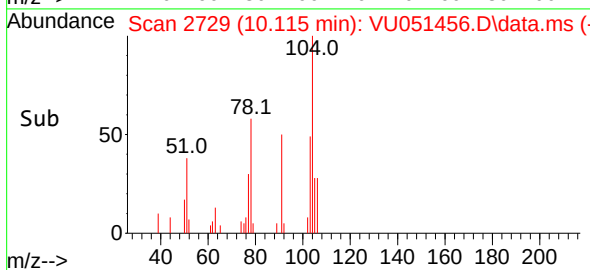
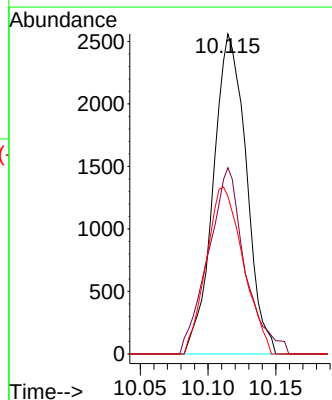
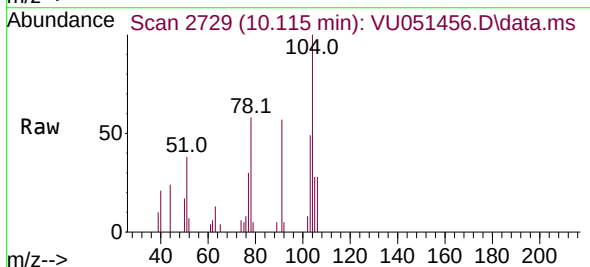
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2022

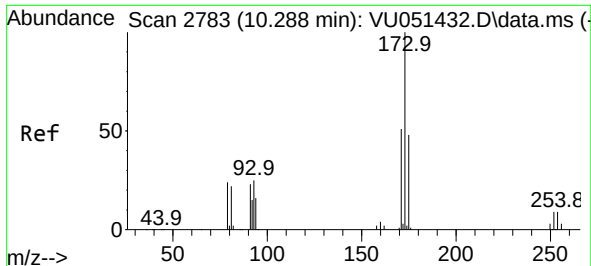
Tgt Ion:106 Resp: 3177
Ion Ratio Lower Upper
106 100
91 210.3 107.1 321.3



#66
Styrene
Concen: 0.126 ug/l
RT: 10.115 min Scan# 2729
Delta R.T. 0.004 min
Lab File: VU051456.D
Acq: 19 Oct 2022 14:19

Tgt Ion:104 Resp: 4324
Ion Ratio Lower Upper
104 100
78 64.8 39.7 59.5#
103 58.5 44.4 66.6

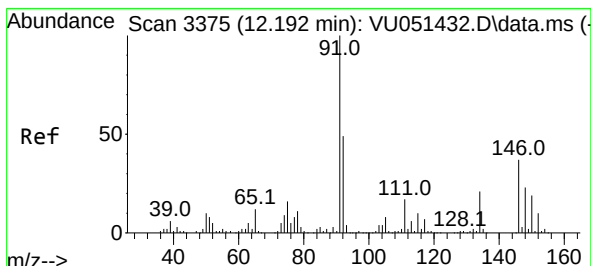
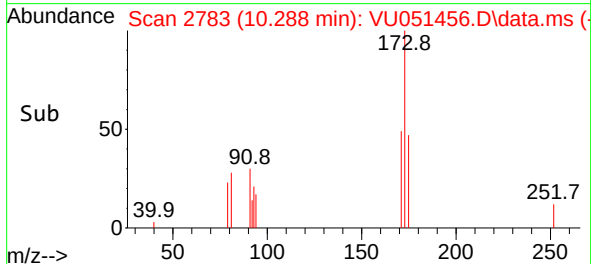
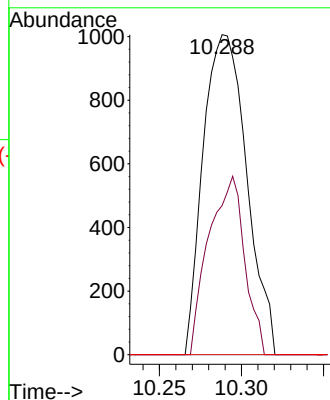
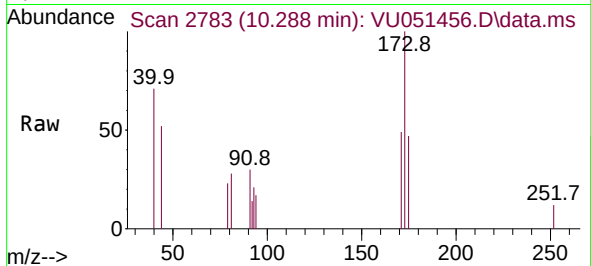




#67
Bromoform
Concen: 0.256 ug/l
RT: 10.288 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU051456.D
Acq: 19 Oct 2022 14:19

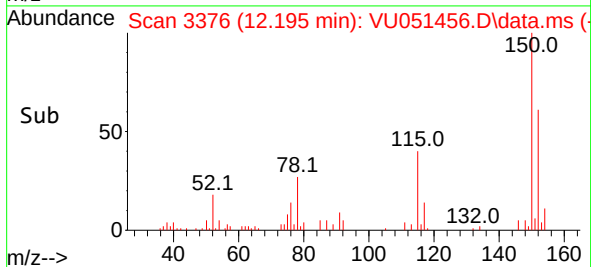
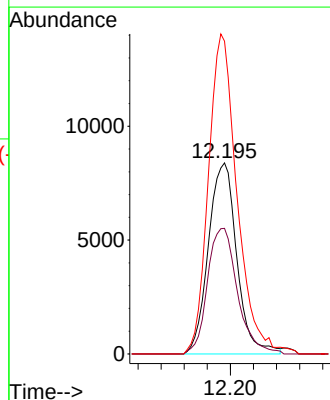
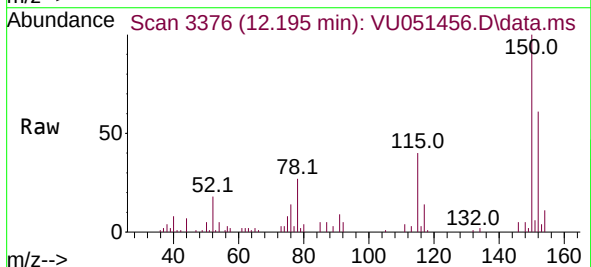
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2022

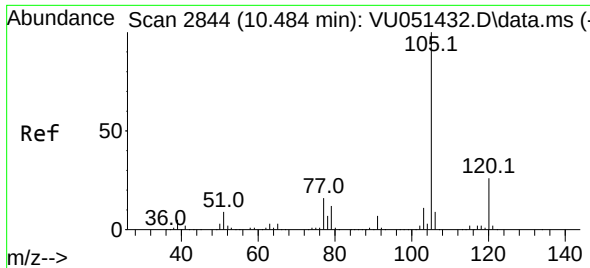
Tgt Ion:173 Resp: 1854
Ion Ratio Lower Upper
173 100
175 46.0 38.6 58.0
254 0.0 7.3 10.9#



#68
1,2-Dichlorobenzene-d4
Concen: 0.825 ug/l
RT: 12.195 min Scan# 3376
Delta R.T. 0.003 min
Lab File: VU051456.D
Acq: 19 Oct 2022 14:19

Tgt Ion:152 Resp: 14370
Ion Ratio Lower Upper
152 100
115 69.2 0.0 333.0
150 168.8 0.0 662.0

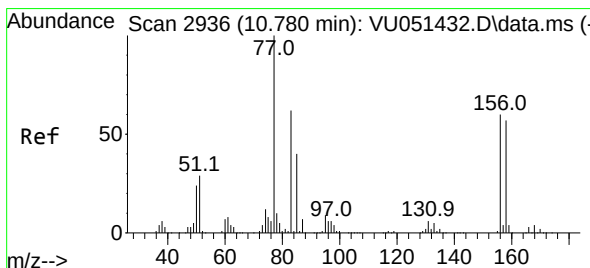
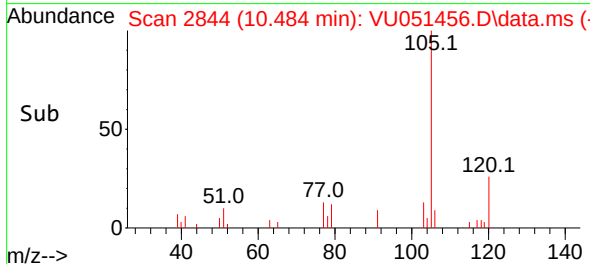
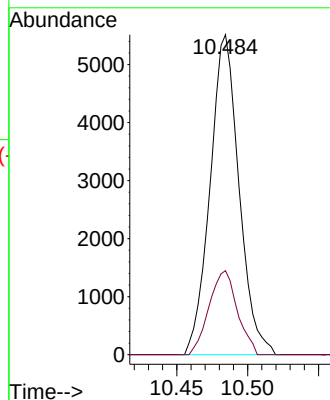
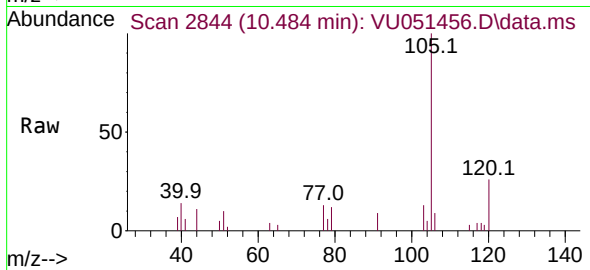




#69
Isopropylbenzene
Concen: 0.154 ug/l
RT: 10.484 min Scan# 2844
Delta R.T. 0.000 min
Lab File: VU051456.D
Acq: 19 Oct 2022 14:19

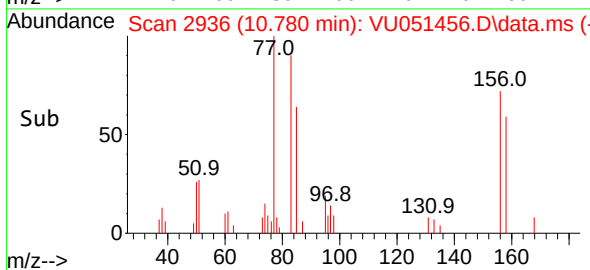
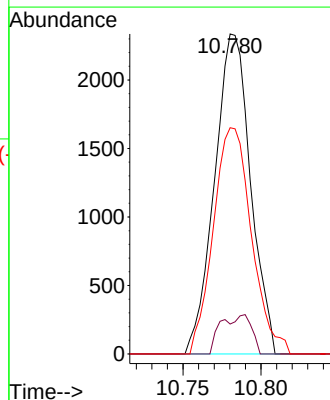
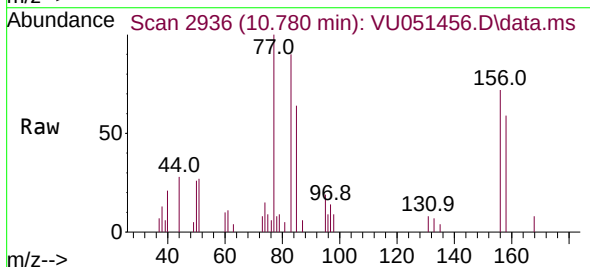
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2022

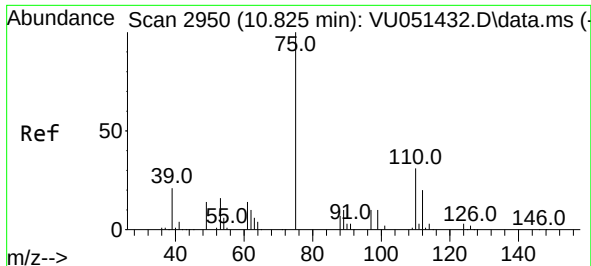
Tgt Ion:105 Resp: 7839
Ion Ratio Lower Upper
105 100
120 25.6 13.0 39.0



#70
1,1,2,2-Tetrachloroethane
Concen: 0.233 ug/l
RT: 10.780 min Scan# 2936
Delta R.T. -0.000 min
Lab File: VU051456.D
Acq: 19 Oct 2022 14:19

Tgt Ion: 83 Resp: 3750
Ion Ratio Lower Upper
83 100
131 4.5 7.2 10.8#
85 75.0 51.4 77.2

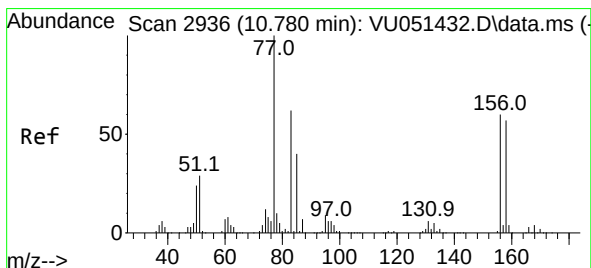
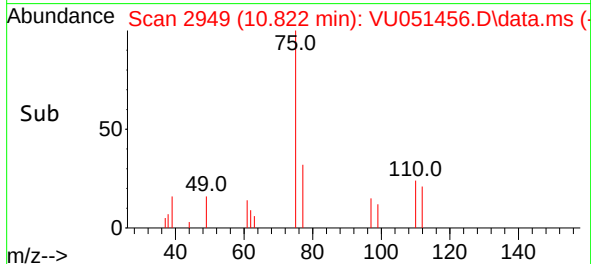
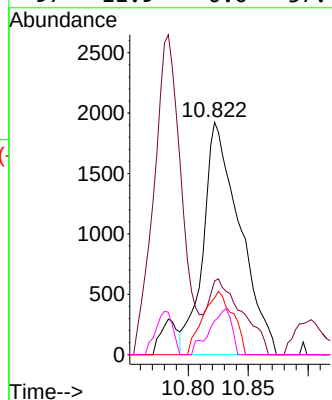
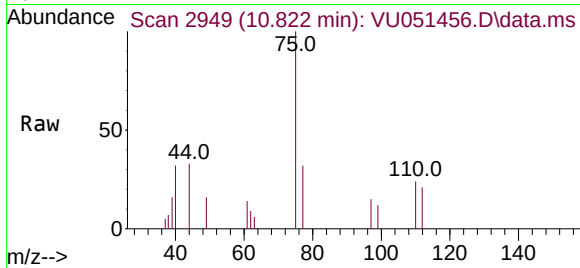




#71
1,2,3-Trichloropropane
Concen: 0.341 ug/l
RT: 10.822 min Scan# 2950
Delta R.T. -0.003 min
Lab File: VU051456.D
Acq: 19 Oct 2022 14:19

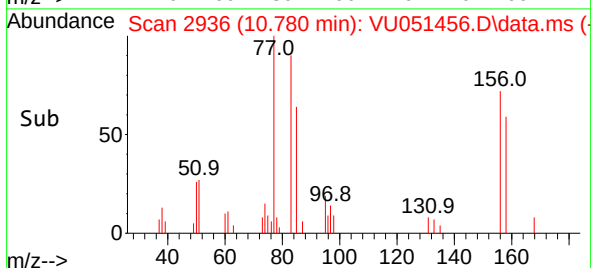
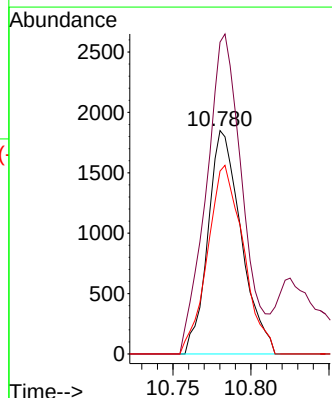
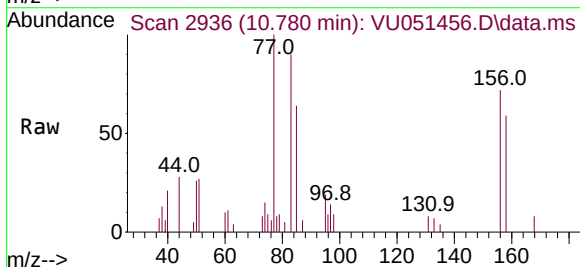
Instrument : MSVOA_U
ClientSampleId : MDL-WATER-03-QT3-2022

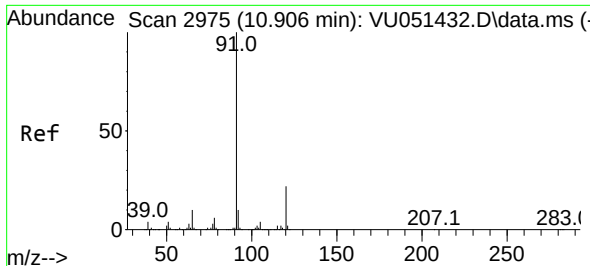
Tgt Ion: 75	Resp: 4073
Ion Ratio	Lower Upper
75 100	
77 29.7	0.0 111.0
110 22.3	0.0 70.2
97 11.9	0.0 37.4



#72
Bromobenzene
Concen: 0.195 ug/l
RT: 10.780 min Scan# 2936
Delta R.T. -0.000 min
Lab File: VU051456.D
Acq: 19 Oct 2022 14:19

Tgt Ion:156	Resp:	2735	
Ion	Ratio	Lower	Upper
156	100		
77	155.9	0.0	343.4
158	91.3	0.0	195.6

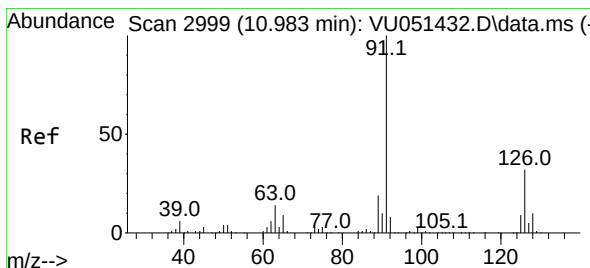
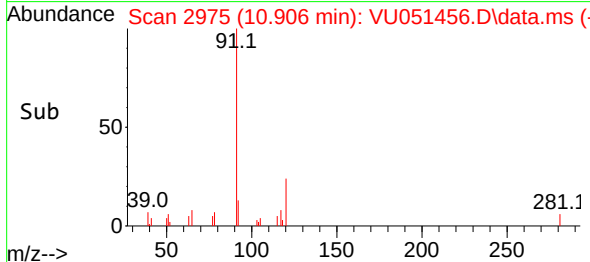
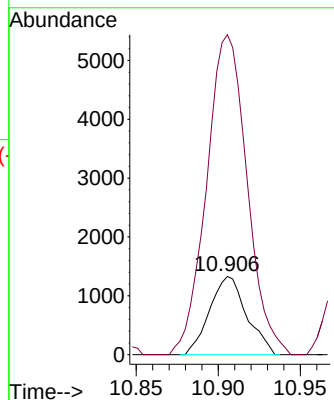
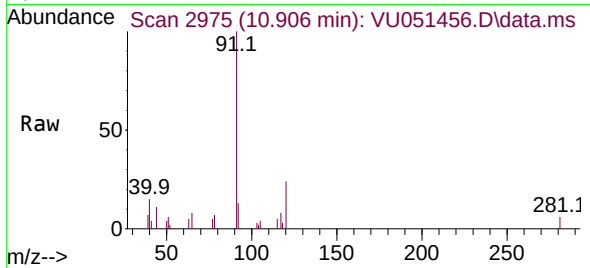




#73
n-propylbenzene
Concen: 0.145 ug/l
RT: 10.906 min Scan# 2975
Delta R.T. -0.000 min
Lab File: VU051456.D
Acq: 19 Oct 2022 14:19

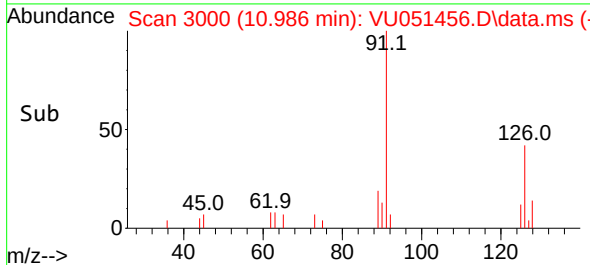
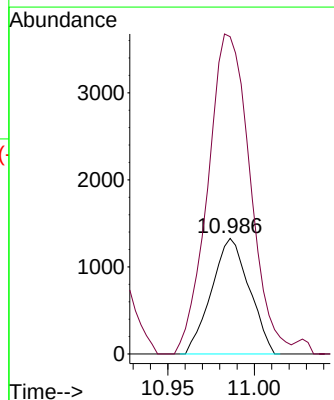
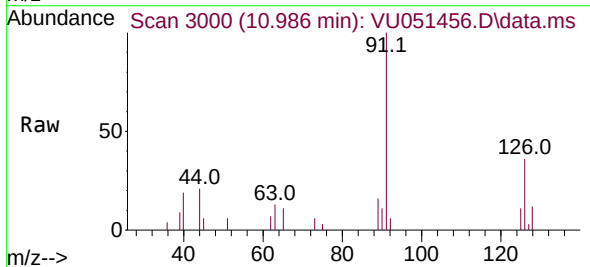
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2022

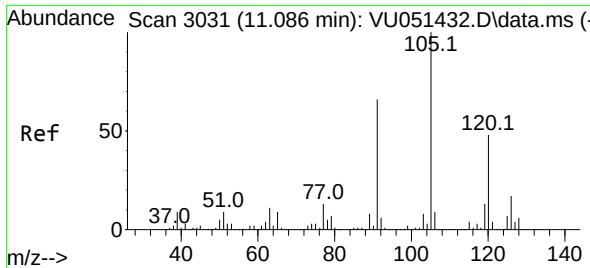
Tgt Ion:120 Resp: 2083
Ion Ratio Lower Upper
120 100
91 448.3 362.3 543.5



#74
2-Chlorotoluene
Concen: 0.148 ug/l
RT: 10.986 min Scan# 3000
Delta R.T. 0.003 min
Lab File: VU051456.D
Acq: 19 Oct 2022 14:19

Tgt Ion:126 Resp: 2011
Ion Ratio Lower Upper
126 100
91 310.1 0.0 623.2

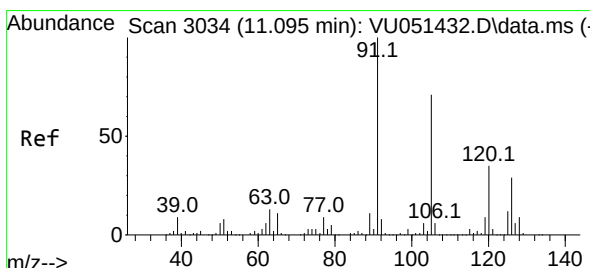
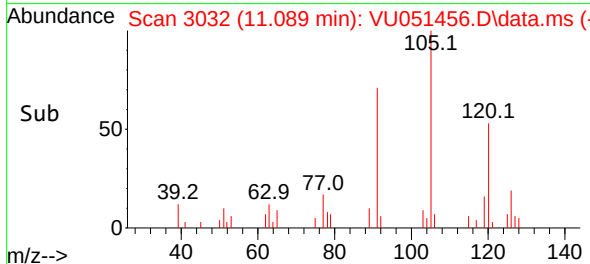
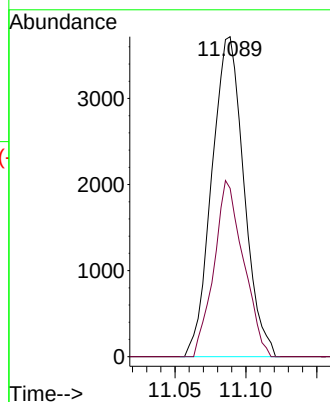
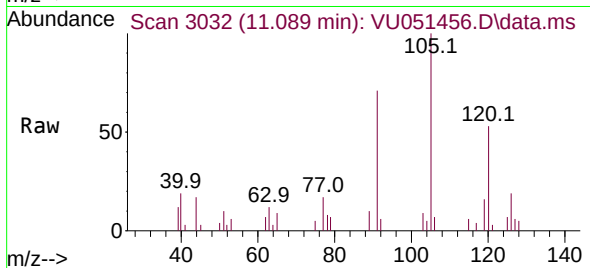




#75
1,3,5-Trimethylbenzene
Concen: 0.127 ug/l
RT: 11.089 min Scan# 3031
Delta R.T. 0.003 min
Lab File: VU051456.D
Acq: 19 Oct 2022 14:19

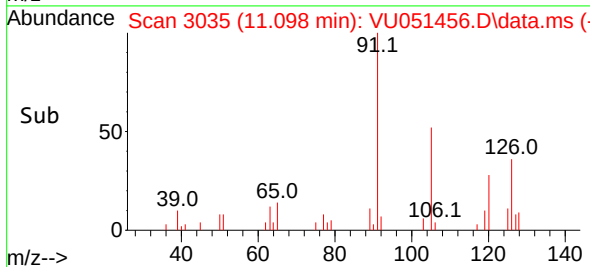
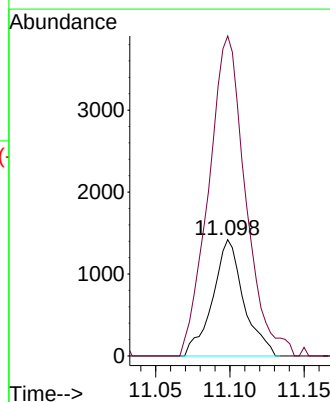
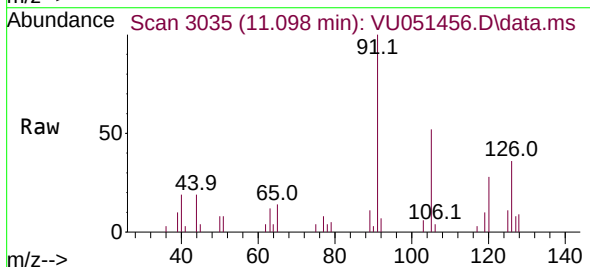
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2022

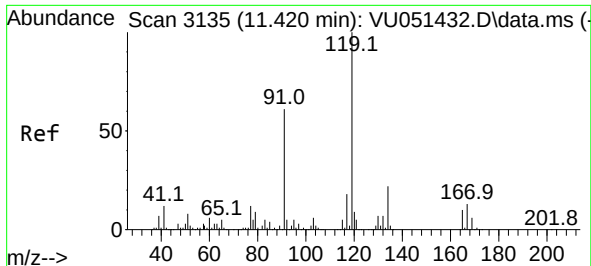
Tgt Ion:105 Resp: 5865
Ion Ratio Lower Upper
105 100
120 50.4 38.2 57.4



#76
4-Chlorotoluene
Concen: 0.148 ug/l
RT: 11.098 min Scan# 3035
Delta R.T. 0.003 min
Lab File: VU051456.D
Acq: 19 Oct 2022 14:19

Tgt Ion:126 Resp: 2069
Ion Ratio Lower Upper
126 100
91 326.8 0.0 717.6

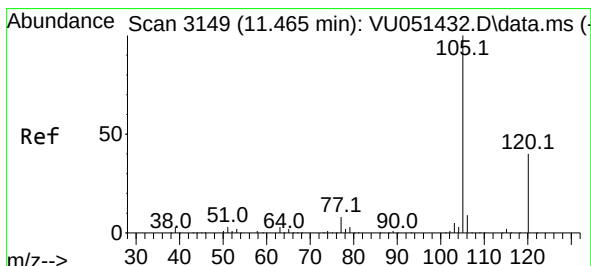
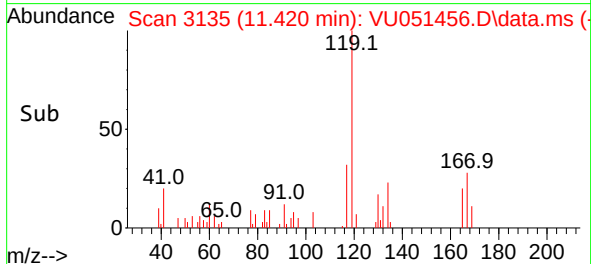
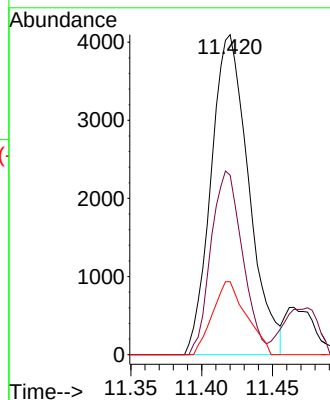
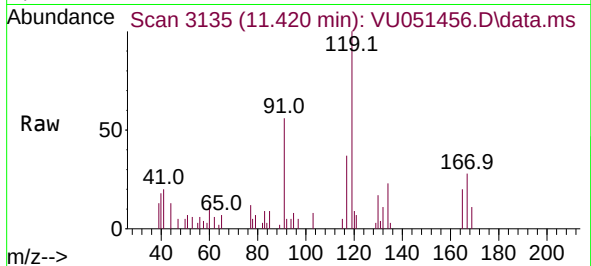




#77
tert-Butylbenzene
Concen: 0.168 ug/l
RT: 11.420 min Scan# 3135
Delta R.T. -0.000 min
Lab File: VU051456.D
Acq: 19 Oct 2022 14:19

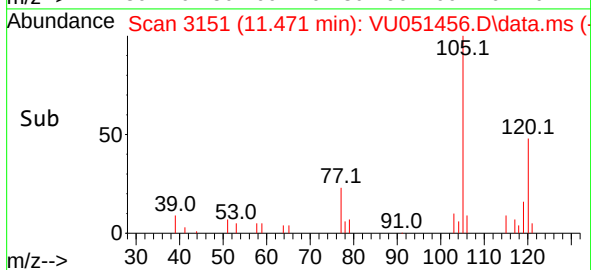
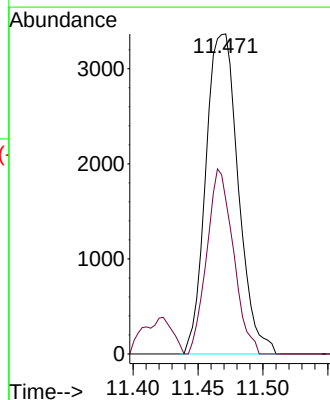
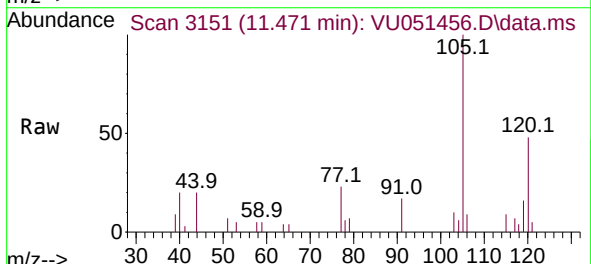
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2022

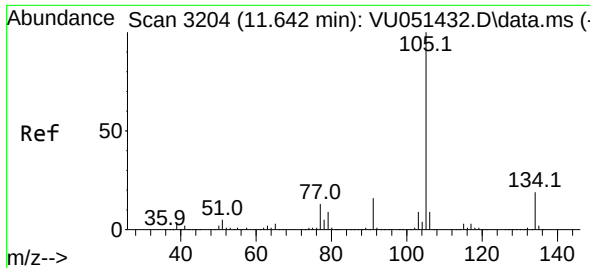
Tgt Ion:	119	Resp:	7570
Ion	Ratio	Lower	Upper
119	100		
91	48.2	29.8	89.5
134	20.5	17.9	26.9



#78
1,2,4-Trimethylbenzene
Concen: 0.122 ug/l
RT: 11.471 min Scan# 3151
Delta R.T. 0.006 min
Lab File: VU051456.D
Acq: 19 Oct 2022 14:19

Tgt Ion:	105	Resp:	5859
Ion	Ratio	Lower	Upper
105	100		
120	47.2	22.1	66.3

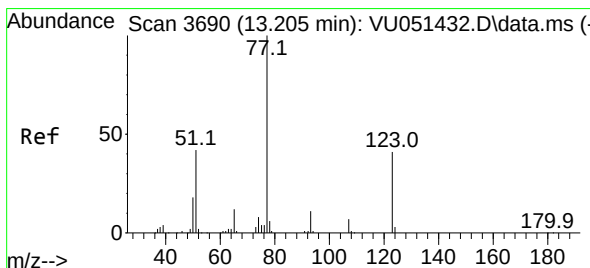
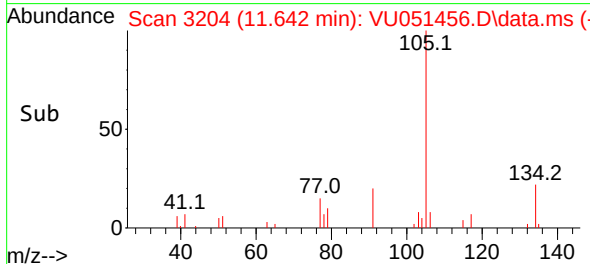
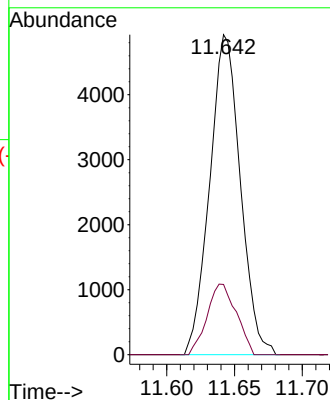
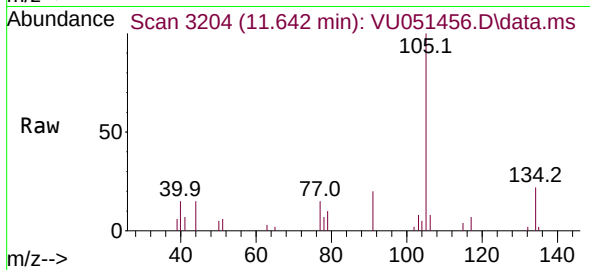




#79
 sec-Butylbenzene
 Concen: 0.130 ug/l
 RT: 11.642 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU051456.D
 Acq: 19 Oct 2022 14:19

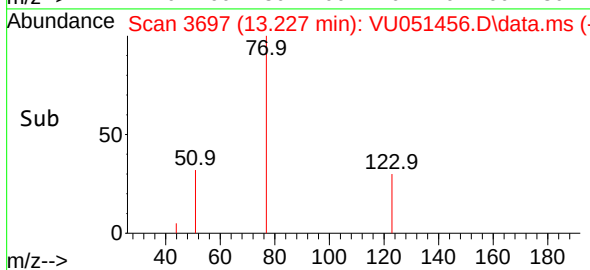
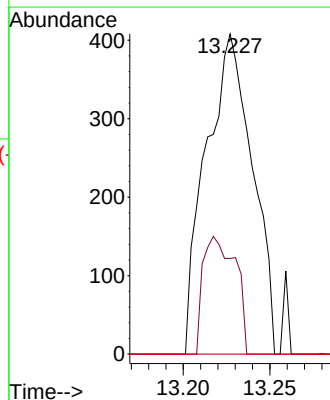
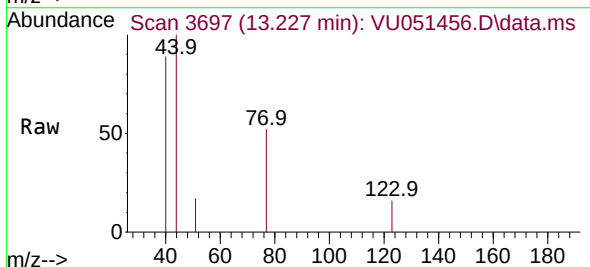
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-03-QT3-2022

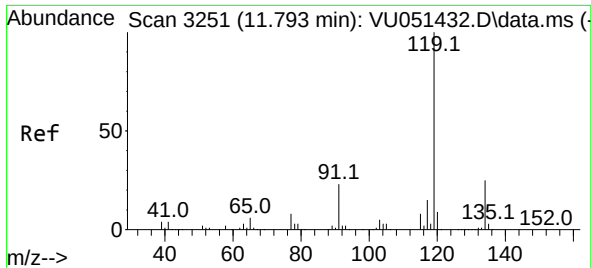
Tgt Ion:105 Resp: 7735
 Ion Ratio Lower Upper
 105 100
 134 21.0 15.2 22.8



#80
 Nitrobenzene
 Concen: 0.956 ug/l
 RT: 13.227 min Scan# 3697
 Delta R.T. 0.022 min
 Lab File: VU051456.D
 Acq: 19 Oct 2022 14:19

Tgt Ion: 77 Resp: 761
 Ion Ratio Lower Upper
 77 100
 123 25.6 17.5 62.1
 65 0.0 11.1 14.1#

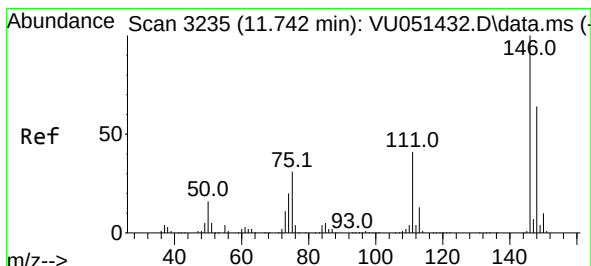
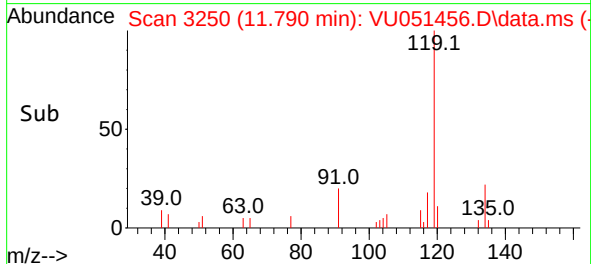
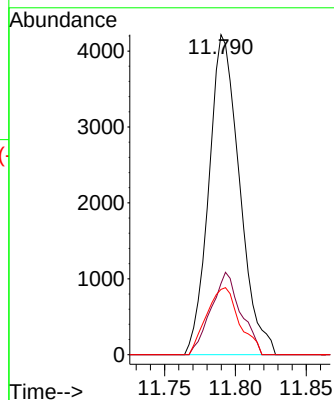
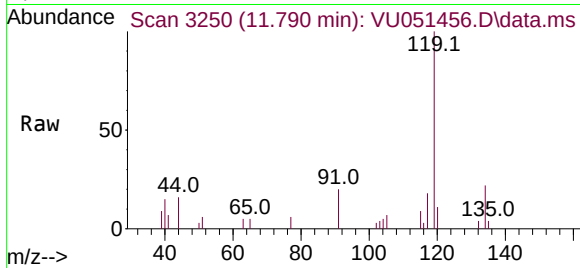




#81
p-Isopropyltoluene
Concen: 0.133 ug/l
RT: 11.790 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU051456.D
Acq: 19 Oct 2022 14:19

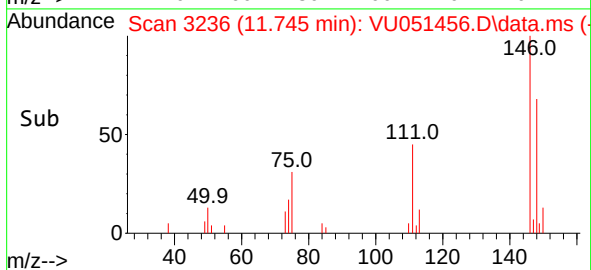
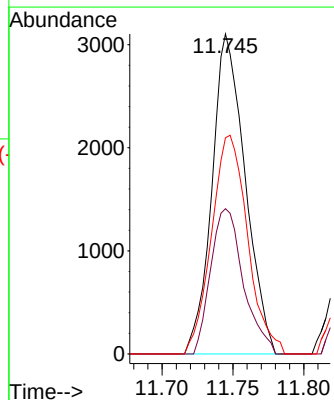
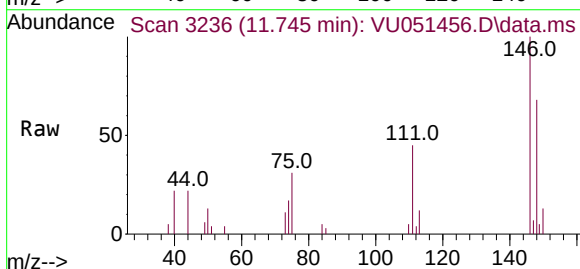
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2022

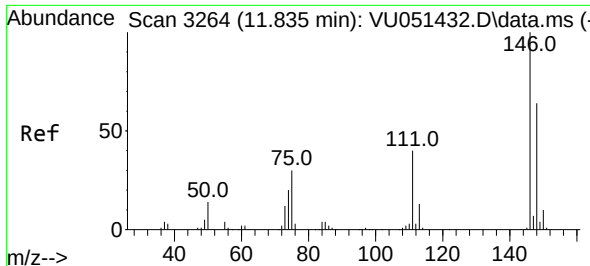
Tgt Ion:119 Resp: 6333
Ion Ratio Lower Upper
119 100
134 24.9 20.3 30.5
91 22.4 18.6 27.8



#82
1,3-Dichlorobenzene
Concen: 0.168 ug/l
RT: 11.745 min Scan# 3236
Delta R.T. 0.003 min
Lab File: VU051456.D
Acq: 19 Oct 2022 14:19

Tgt Ion:146 Resp: 5061
Ion Ratio Lower Upper
146 100
111 44.7 33.4 50.0
148 74.4 51.0 76.6

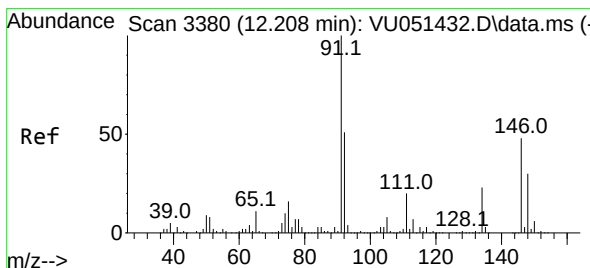
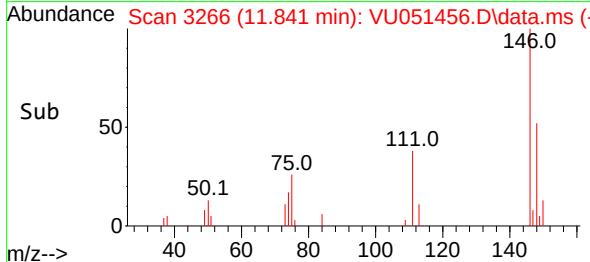
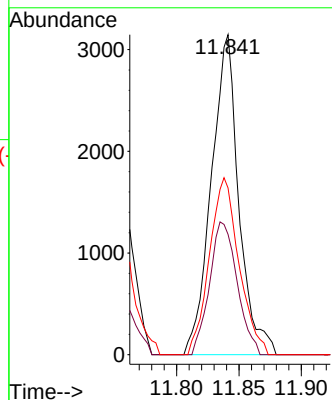
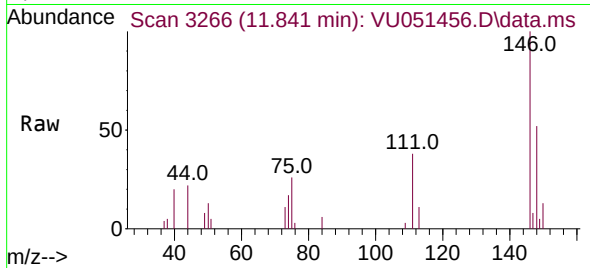




#83
1,4-Dichlorobenzene
Concen: 0.164 ug/l
RT: 11.841 min Scan# 31
Delta R.T. 0.006 min
Lab File: VU051456.D
Acq: 19 Oct 2022 14:19

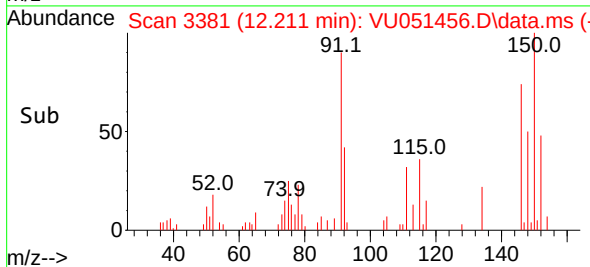
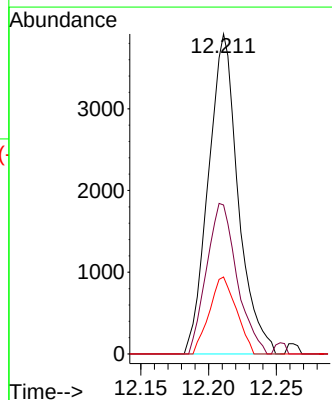
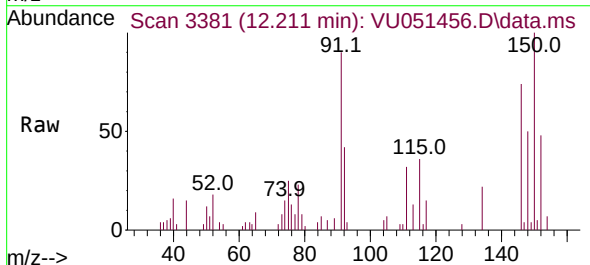
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2022

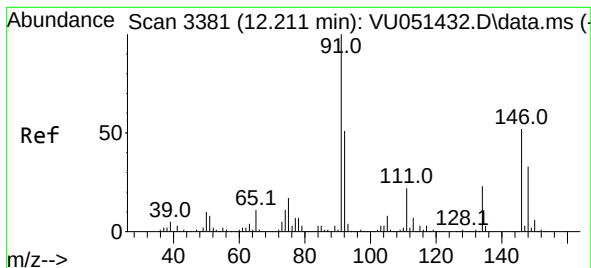
Tgt Ion:146 Resp: 4835
Ion Ratio Lower Upper
146 100
111 41.6 31.6 47.4
148 59.5 50.5 75.7



#84
n-Butylbenzene
Concen: 0.126 ug/l
RT: 12.211 min Scan# 3381
Delta R.T. 0.003 min
Lab File: VU051456.D
Acq: 19 Oct 2022 14:19

Tgt Ion: 91 Resp: 5991
Ion Ratio Lower Upper
91 100
92 47.8 40.6 61.0
134 21.7 18.3 27.5





#85

1,2-Dichlorobenzene

Concen: 0.183 ug/l

RT: 12.211 min Scan# 3381

Delta R.T. -0.000 min

Lab File: VU051456.D

Acq: 19 Oct 2022 14:19

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT3-2022

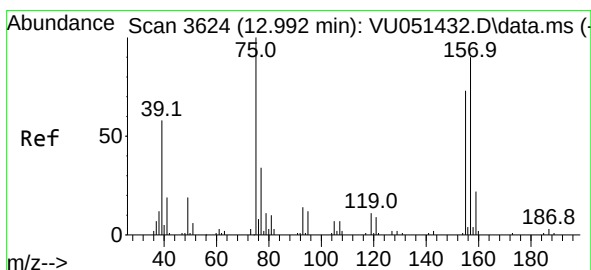
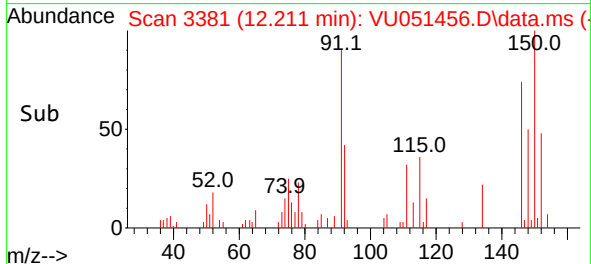
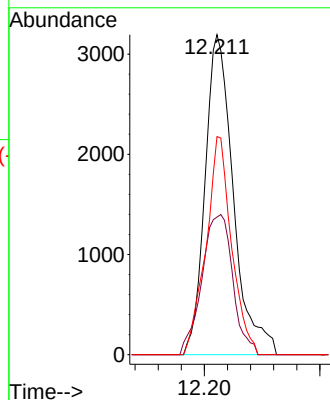
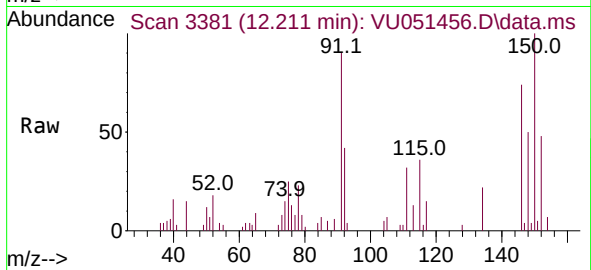
Tgt Ion:146 Resp: 5428

Ion Ratio Lower Upper

146 100

111 47.7 21.3 63.9

148 61.6 31.8 95.4



#86

1,2-Dibromo-3-Chloropropane

Concen: 0.172 ug/l

RT: 13.002 min Scan# 3627

Delta R.T. 0.010 min

Lab File: VU051456.D

Acq: 19 Oct 2022 14:19

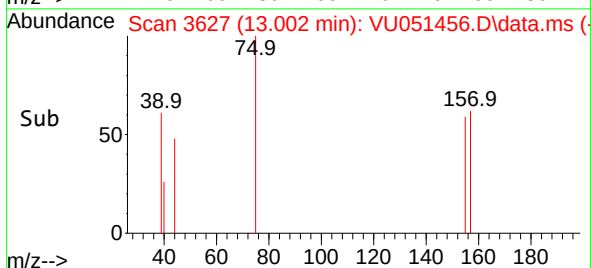
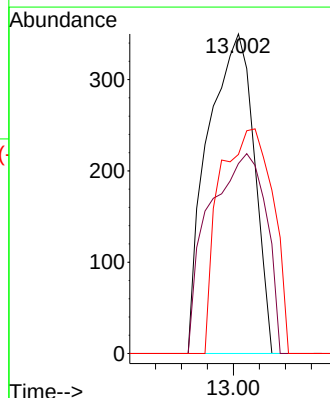
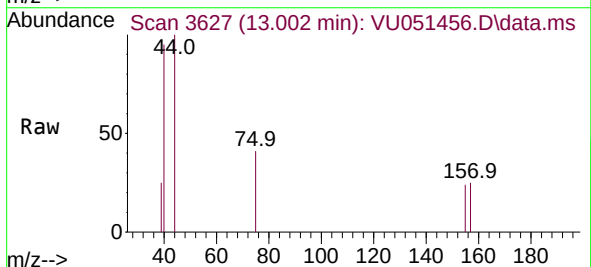
Tgt Ion: 75 Resp: 433

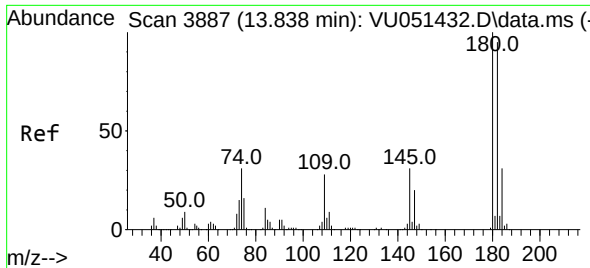
Ion Ratio Lower Upper

75 100

155 77.1 58.5 87.7

157 80.6 75.3 112.9

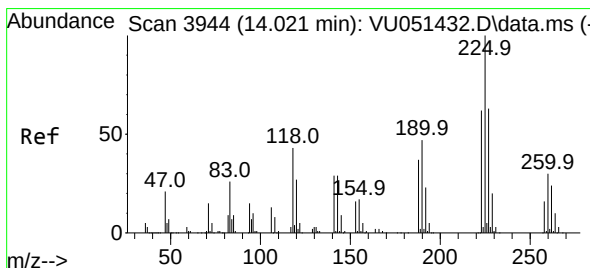
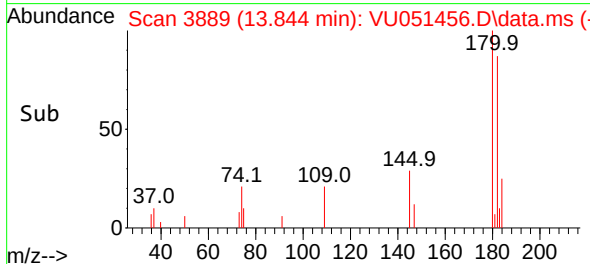
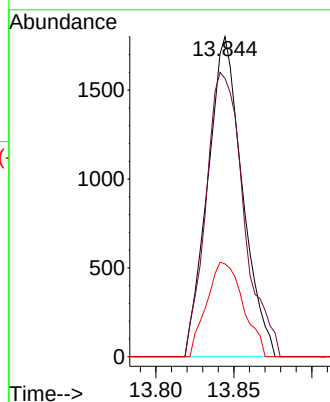
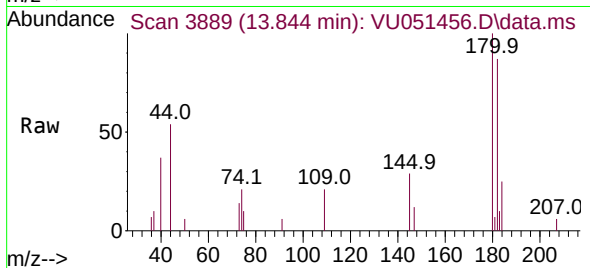




#87
1,2,4-Trichlorobenzene
Concen: 0.173 ug/l
RT: 13.844 min Scan# 3889
Delta R.T. 0.006 min
Lab File: VU051456.D
Acq: 19 Oct 2022 14:19

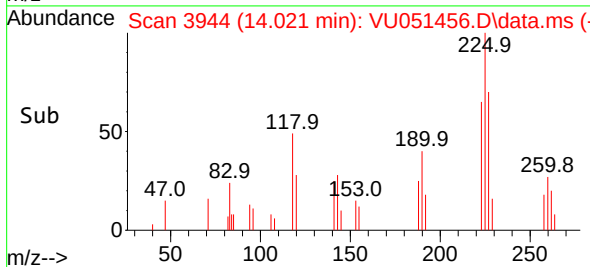
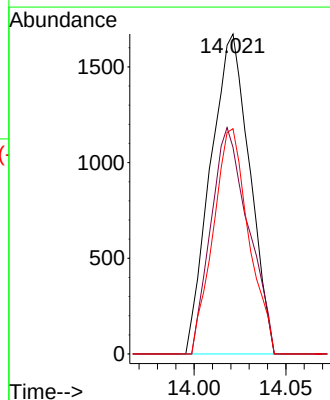
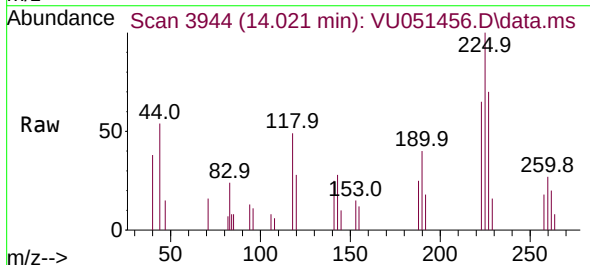
Instrument :
MSVOA_U
ClientSampleId :
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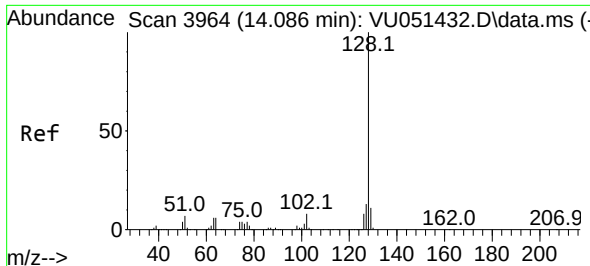
Tgt Ion:180 Resp: 2780
Ion Ratio Lower Upper
180 100
182 97.0 75.9 113.9
145 31.1 24.9 37.3



#88
Hexachlorobutadiene
Concen: 0.237 ug/l
RT: 14.021 min Scan# 3944
Delta R.T. 0.000 min
Lab File: VU051456.D
Acq: 19 Oct 2022 14:19

Tgt Ion:225 Resp: 2478
Ion Ratio Lower Upper
225 100
223 68.1 50.1 75.1
227 63.8 51.4 77.2

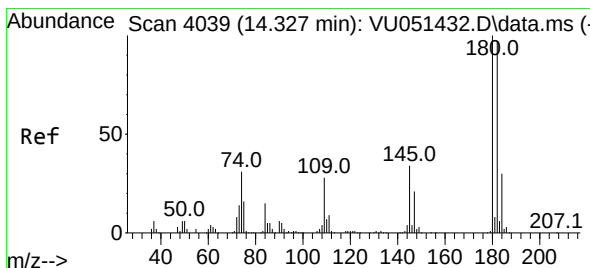
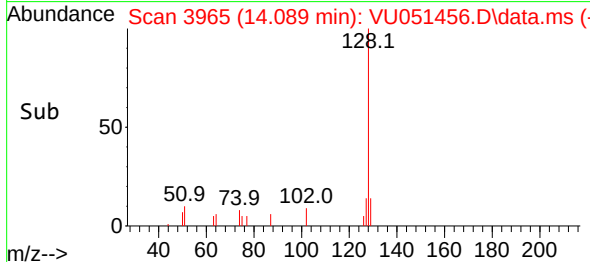
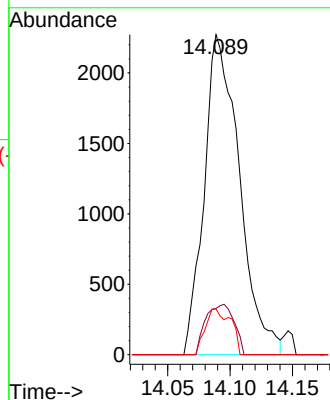
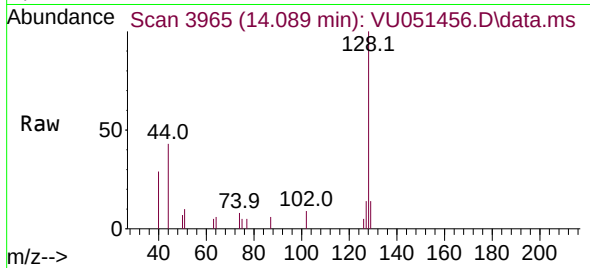




#89
Naphthalene
Concen: 0.133 ug/l
RT: 14.089 min Scan# 3964
Delta R.T. 0.003 min
Lab File: VU051456.D
Acq: 19 Oct 2022 14:19

Instrument :
MSVOA_U
ClientSampleId :
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Tgt Ion:128	Resp:	4462
Ion Ratio	Lower	Upper
128	100	
127	12.7	10.7 16.1
129	10.3	8.4 12.6



#90
1,2,3-Trichlorobenzene
Concen: 0.154 ug/l
RT: 14.327 min Scan# 4039
Delta R.T. -0.000 min
Lab File: VU051456.D
Acq: 19 Oct 2022 14:19

Tgt Ion:180	Resp:	2703
Ion Ratio	Lower	Upper
180	100	
182	87.2	75.8 113.6
145	26.9	26.6 39.8

