

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101922\
 Data File : VU051454.D
 Acq On : 19 Oct 2022 13:21
 Operator : JC/MD
 Sample : N4955-09 0.8PPB
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-03-QT4-2022

Quant Time: Oct 20 07:40:02 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	6.115	96	48445	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.632	95	14287	0.841	ug/l	0.00
Spiked Amount 1.000			Recovery	=	84.000%	
68) 1,2-Dichlorobenzene-d4	12.192	152	17372	0.915	ug/l	0.00
Spiked Amount 1.000			Recovery	=	92.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	11499	0.680	ug/l	97
3) Chloromethane	1.533	50	20350	0.763	ug/l	99
4) Vinyl Chloride	1.604	62	17439	0.756	ug/l	99
5) Bromomethane	1.855	94	12173	0.946	ug/l	99
6) Chloroethane	1.932	64	11826	0.899	ug/l	98
7) Trichlorofluoromethane	2.138	101	18718	0.726	ug/l	100
8) 1,1,2-Trichloro-1,2,2-...	2.581	101	10524	0.740	ug/l	100
9) 1,1-Dichloroethene	2.578	96	12208	0.821	ug/l	86
10) Iodomethane	2.720	142	14648	0.760	ug/l	99
11) Allyl Chloride	2.922	41	18426	0.813	ug/l	94
12) Acrylonitrile	3.318	53	6730	1.538	ug/l	96
13) Acetone	2.626	43	12421	3.943	ug/l	93
14) Carbon Disulfide	2.790	76	41672	0.787	ug/l	98
15) Methylene Chloride	3.044	84	24033	1.104	ug/l	98
16) trans-1,2-Dichloroethene	3.347	96	13815	0.810	ug/l	85
17) 1,1-Dichloroethane	3.867	63	23967	0.782	ug/l	99
18) 2-Butanone	4.723	43	13420	3.511	ug/l	99
19) Cyclohexane	5.382	56	10528	0.554	ug/l	96
20) Methylcyclohexane	6.761	83	10740	0.570	ug/l	93
21) 2,2-Dichloropropane	4.658	77	16299	0.762	ug/l	99
22) cis-1,2-Dichloroethene	4.662	96	11622	0.721	ug/l	98
23) Diethyl Ether	2.379	59	10259	0.790	ug/l	96
24) tert-Butyl Alcohol	3.186	59	9619	7.066	ug/l	97
25) Methyl tert-Butyl Ether	3.366	73	30602	0.791	ug/l	96
26) Bromochloromethane	4.973	128	6242	0.794	ug/l	98
27) Chloroform	5.086	83	24097	0.776	ug/l	91
28) 1,1,1-Trichloroethane	5.314	97	18658	0.753	ug/l	98
29) 1,1-Dichloropropene	5.523	75	13078	0.689	ug/l	94
30) Carbon Tetrachloride	5.523	117	16490	0.789	ug/l	90
31) Isopropyl Ether	3.999	45	26953	0.743	ug/l	94
32) Ethyl-t-butyl ether	4.507	59	22394	0.676	ug/l	99
33) Tert-Amyl methyl ether	5.944	73	20008	0.688	ug/l	96
34) Propionitrile	4.790	54	4758	3.702	ug/l #	85
35) Benzene	5.774	78	44905	0.705	ug/l	97
36) 1,2-Dichloroethane	5.793	62	15236	0.775	ug/l	98
37) Trichloroethene	6.543	130	11049	0.739	ug/l	97
38) 1,2-Dichloropropane	6.787	63	12184	0.697	ug/l	100
39) Methacrylonitrile	4.983	41	2772	0.631	ug/l #	86
40) Methyl acrylate	4.858	55	5140	0.734	ug/l #	84
41) Tetrahydrofuran	5.070	42	3342	1.449	ug/l #	84
42) 1-Chlorobutane	5.456	56	16959	0.655	ug/l	96
43) Dibromomethane	6.916	93	7373	0.813	ug/l	90
44) Bromodichloromethane	7.105	83	17613	0.803	ug/l	95

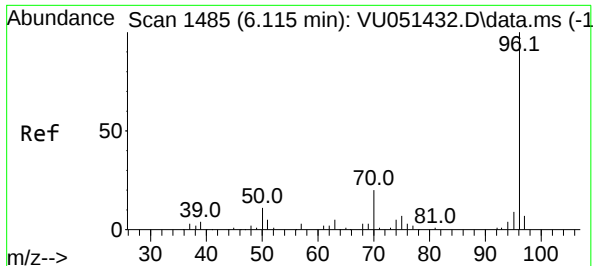
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.793	43	26391	3.058	ug/l	93
46) t-1,4-Dichloro-2-butene	10.825	75	14360	2.981	ug/l #	49
47) Methyl methacrylate	6.964	69	7690	1.109	ug/l	92
48) Ethyl methacrylate	8.333	69	6827	0.588	ug/l	94
49) Toluene	7.967	92	21711	0.622	ug/l	100
50) t-1,3-Dichloropropene	8.211	75	11839	0.671	ug/l	100
51) cis-1,3-Dichloropropene	7.607	75	13993	0.673	ug/l	94
52) 1,1,2-Trichloroethane	8.401	97	10513	0.812	ug/l	95
53) 1,3-Dichloropropane	8.575	76	15026	0.720	ug/l	94
54) 2-Hexanone	8.687	43	17816	3.002	ug/l	89
55) Dibromochloromethane	8.809	129	10316	0.733	ug/l	99
56) 1,2-Dibromoethane	8.922	107	8332	0.732	ug/l	97
58) Tetrachloroethene	8.552	164	9324	0.716	ug/l	96
59) Chlorobenzene	9.446	112	26096	0.681	ug/l	97
60) 1,1,1,2-Tetrachloroethane	9.533	131	11083	0.754	ug/l	99
61) Pentachloroethane	11.427	117	9627	0.735	ug/l	98
62) Hexachloroethane	12.472	117	9058	0.729	ug/l	93
63) Ethyl Benzene	9.568	91	33076	0.569	ug/l	98
64) m/p-Xylenes	9.690	106	23726	1.024	ug/l	100
65) o-Xylene	10.099	106	12437	0.552	ug/l	99
66) Styrene	10.115	104	17950	0.480	ug/l	94
67) Bromoform	10.288	173	5694	0.721	ug/l #	91
69) Isopropylbenzene	10.481	105	30333	0.547	ug/l	98
70) 1,1,2,2-Tetrachloroethane	10.784	83	12737	0.727	ug/l	95
71) 1,2,3-Trichloropropane	10.825	75	14360	1.104	ug/l #	50
72) Bromobenzene	10.780	156	9999	0.656	ug/l	95
73) n-propylbenzene	10.906	120	7664	0.491	ug/l	94
74) 2-Chlorotoluene	10.983	126	8371	0.564	ug/l	96
75) 1,3,5-Trimethylbenzene	11.086	105	25020	0.497	ug/l	100
76) 4-Chlorotoluene	11.095	126	8206	0.540	ug/l	89
77) tert-Butylbenzene	11.420	119	26641	0.542	ug/l	98
78) 1,2,4-Trimethylbenzene	11.465	105	25190	0.481	ug/l	98
79) sec-Butylbenzene	11.642	105	33154	0.510	ug/l	100
80) Nitrobenzene	13.211	77	2535	2.924	ug/l #	97
81) p-Isopropyltoluene	11.790	119	25614	0.492	ug/l	97
82) 1,3-Dichlorobenzene	11.745	146	21582	0.659	ug/l	98
83) 1,4-Dichlorobenzene	11.835	146	17959	0.560	ug/l	91
84) n-Butylbenzene	12.208	91	24830	0.481	ug/l	94
85) 1,2-Dichlorobenzene	12.211	146	20581	0.638	ug/l	99
86) 1,2-Dibromo-3-Chloropr...	12.996	75	1976	0.722	ug/l	88
87) 1,2,4-Trichlorobenzene	13.841	180	9840	0.563	ug/l	95
88) Hexachlorobutadiene	14.018	225	7672	0.673	ug/l	95
89) Naphthalene	14.089	128	16861	0.461	ug/l	99
90) 1,2,3-Trichlorobenzene	14.330	180	9715	0.508	ug/l	94

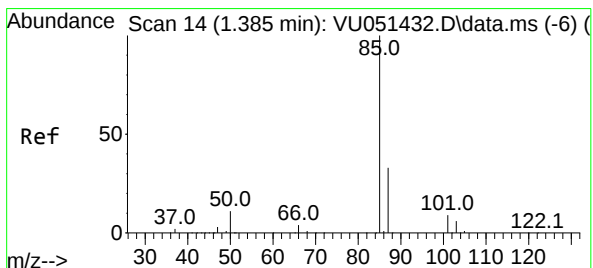
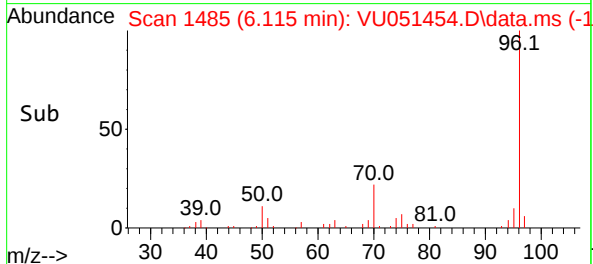
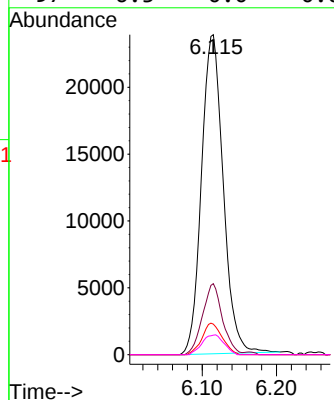
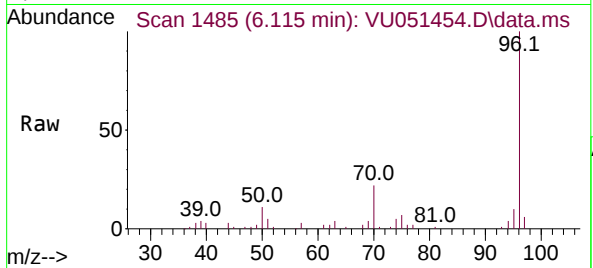
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.115 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU051454.D
Acq: 19 Oct 2022 13:21

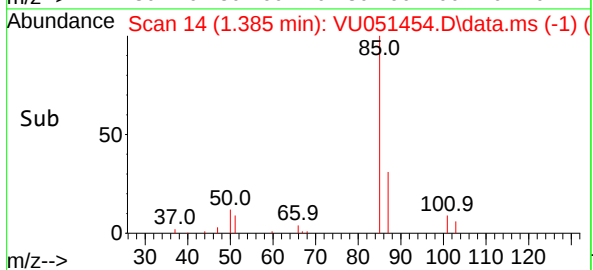
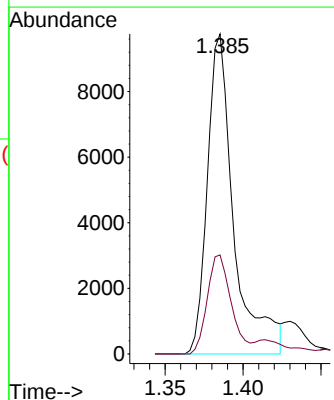
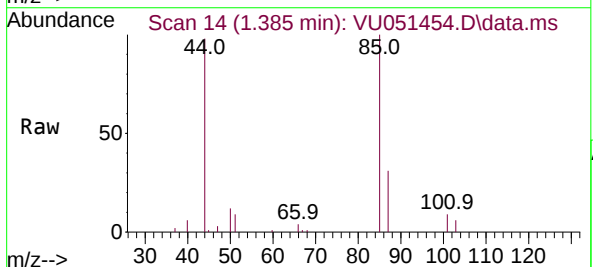
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT4-2022

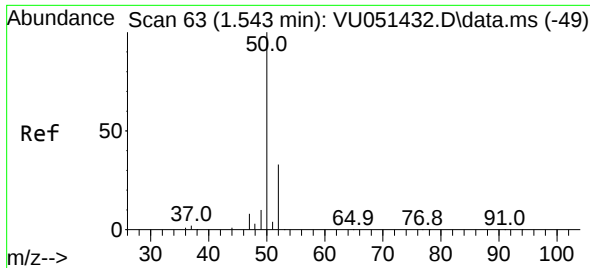
Tgt Ion: 96	Resp: 48445
Ion Ratio	Lower Upper
96 100	
70 19.7	16.7 25.1
95 9.2	7.5 11.3
97 6.3	0.0 0.0



#2
Dichlorodifluoromethane
Concen: 0.680 ug/l
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU051454.D
Acq: 19 Oct 2022 13:21

Tgt Ion: 85	Resp: 11499
Ion Ratio	Lower Upper
85 100	
87 30.9	16.4 49.4

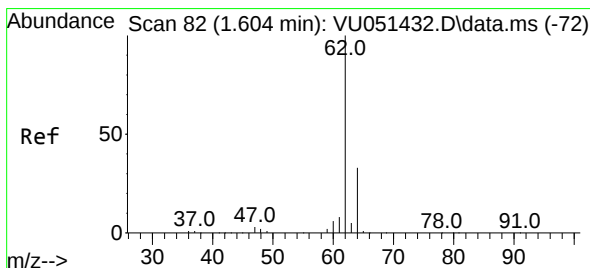
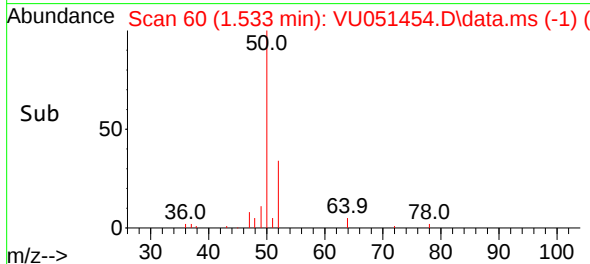
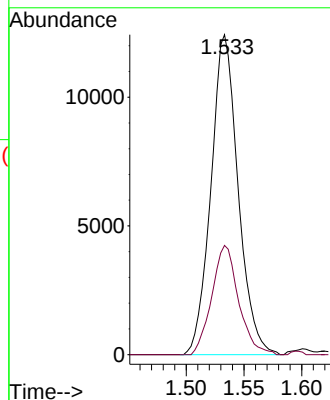
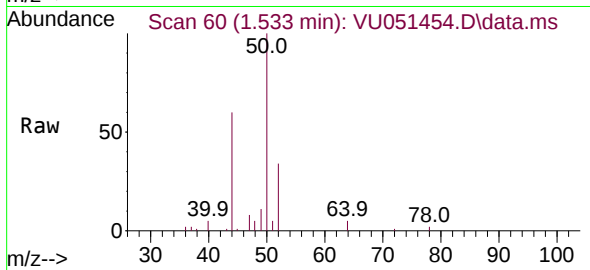




#3
Chloromethane
Concen: 0.763 ug/l
RT: 1.533 min Scan# 60
Delta R.T. -0.010 min
Lab File: VU051454.D
Acq: 19 Oct 2022 13:21

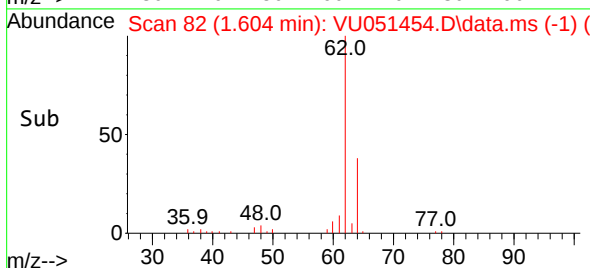
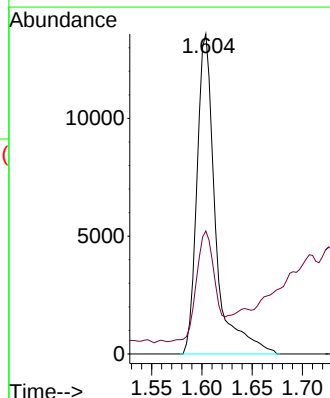
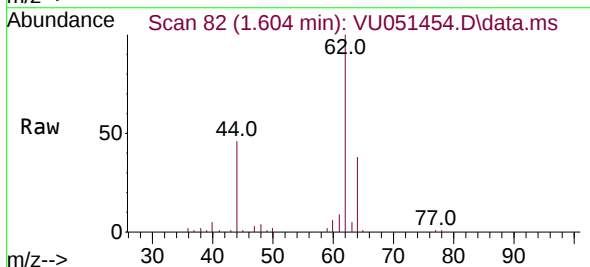
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT4-2022

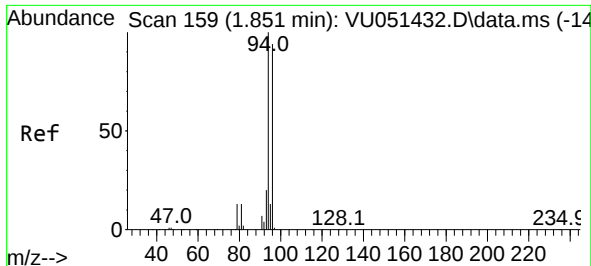
Tgt Ion: 50 Resp: 20350
Ion Ratio Lower Upper
50 100
52 34.2 26.7 40.1



#4
Vinyl Chloride
Concen: 0.756 ug/l
RT: 1.604 min Scan# 82
Delta R.T. 0.000 min
Lab File: VU051454.D
Acq: 19 Oct 2022 13:21

Tgt Ion: 62 Resp: 17439
Ion Ratio Lower Upper
62 100
64 34.0 26.7 40.1

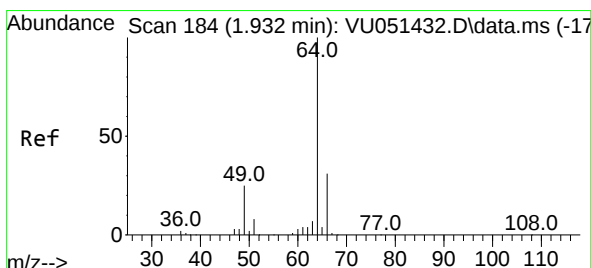
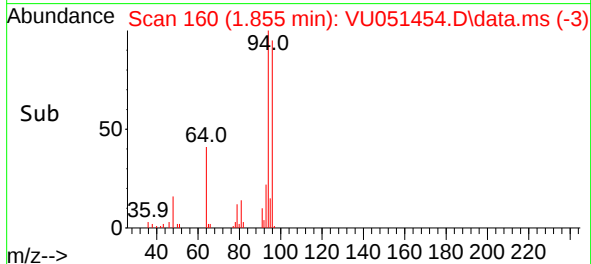
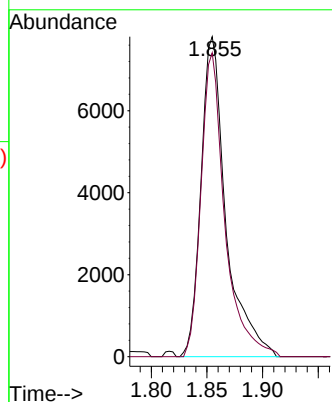
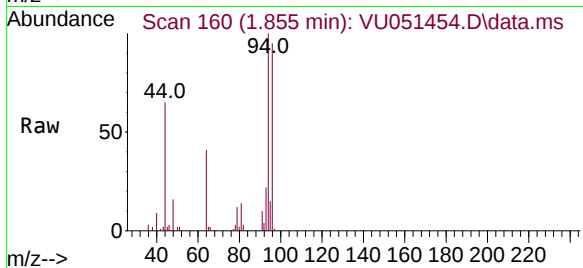




#5
Bromomethane
Concen: 0.946 ug/l
RT: 1.855 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU051454.D
Acq: 19 Oct 2022 13:21

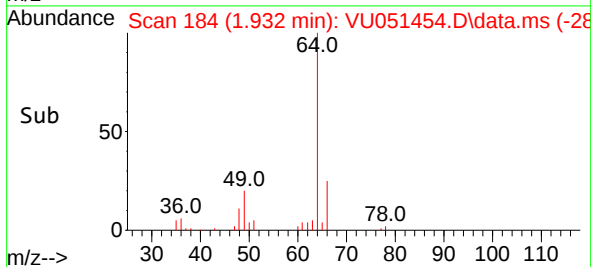
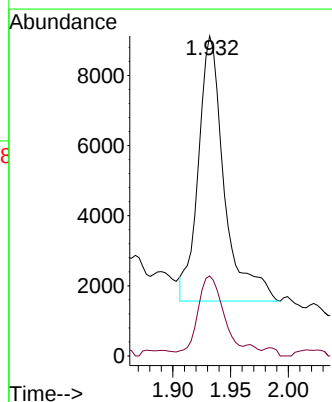
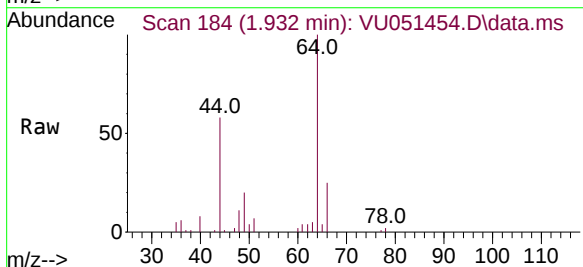
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT4-2022

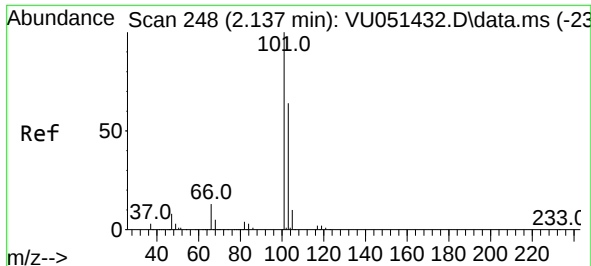
Tgt Ion: 94 Resp: 12173
Ion Ratio Lower Upper
94 100
96 94.9 74.8 112.2



#6
Chloroethane
Concen: 0.899 ug/l
RT: 1.932 min Scan# 184
Delta R.T. 0.000 min
Lab File: VU051454.D
Acq: 19 Oct 2022 13:21

Tgt Ion: 64 Resp: 11826
Ion Ratio Lower Upper
64 100
66 30.2 25.2 37.8

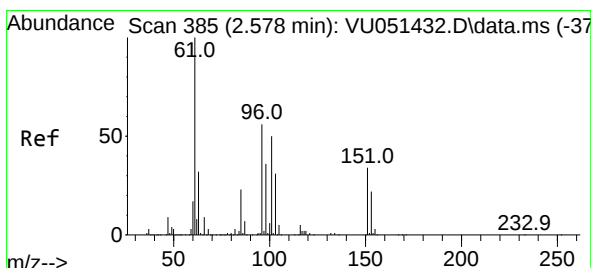
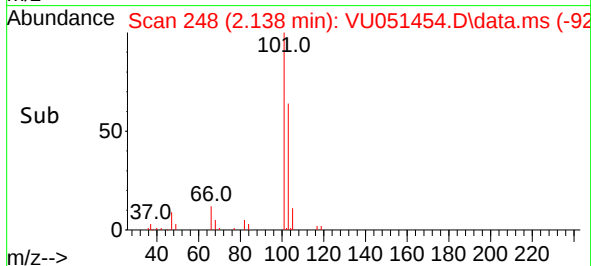
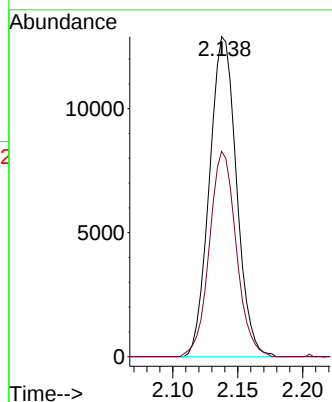
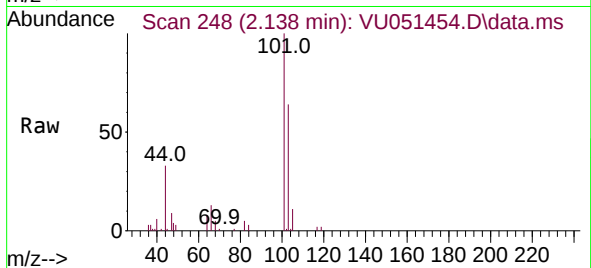




#7
 Trichlorofluoromethane
 Concen: 0.726 ug/l
 RT: 2.138 min Scan# 248
 Delta R.T. 0.000 min
 Lab File: VU051454.D
 Acq: 19 Oct 2022 13:21

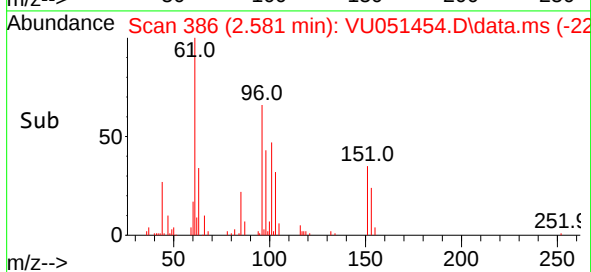
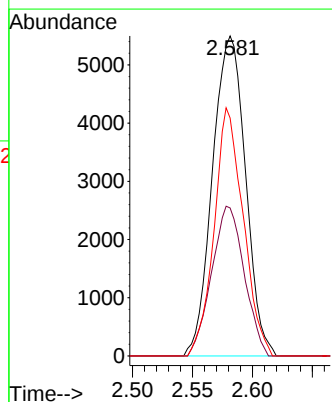
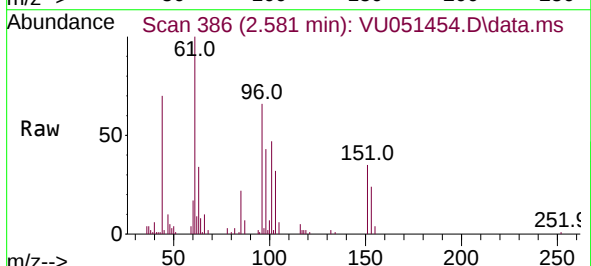
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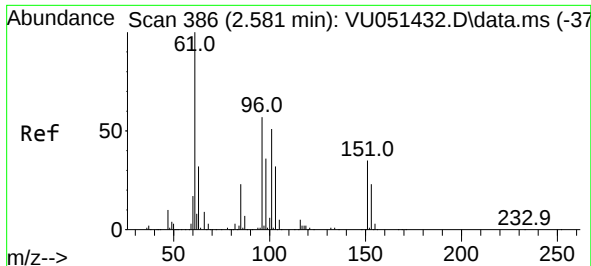
Tgt Ion:101 Resp: 18718
 Ion Ratio Lower Upper
 101 100
 103 64.2 51.4 77.2



#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.740 ug/l
 RT: 2.581 min Scan# 386
 Delta R.T. 0.003 min
 Lab File: VU051454.D
 Acq: 19 Oct 2022 13:21

Tgt Ion:101 Resp: 10524
 Ion Ratio Lower Upper
 101 100
 85 46.1 36.6 54.8
 151 68.3 54.6 81.8

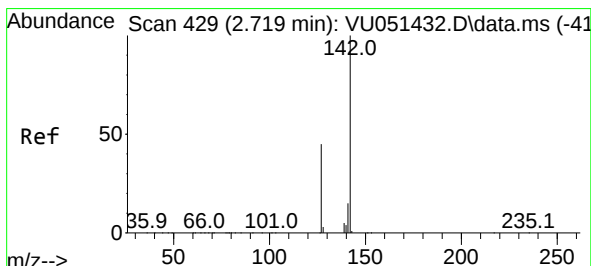
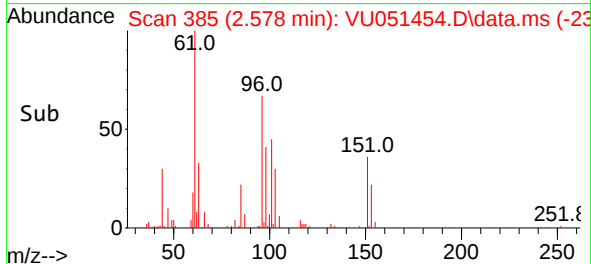
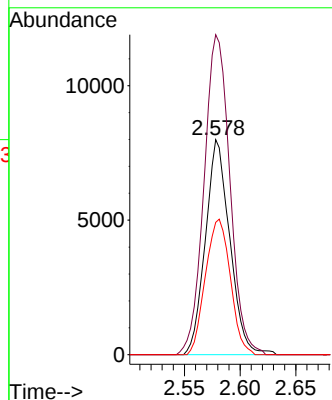
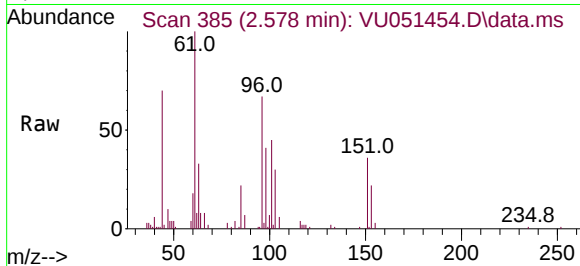




#9
1,1-Dichloroethene
Concen: 0.821 ug/l
RT: 2.578 min Scan# 386
Delta R.T. -0.003 min
Lab File: VU051454.D
Acq: 19 Oct 2022 13:21

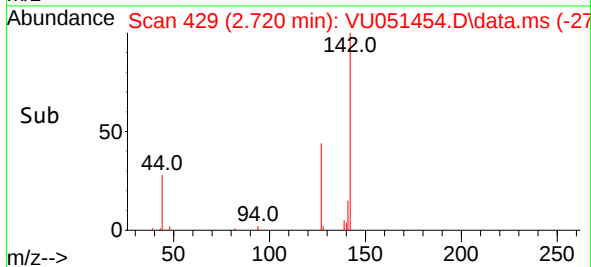
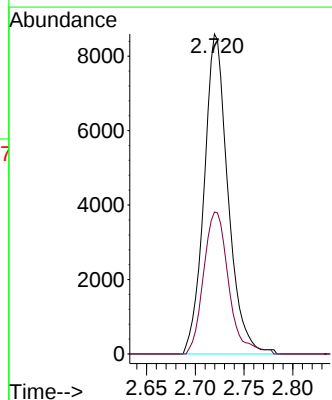
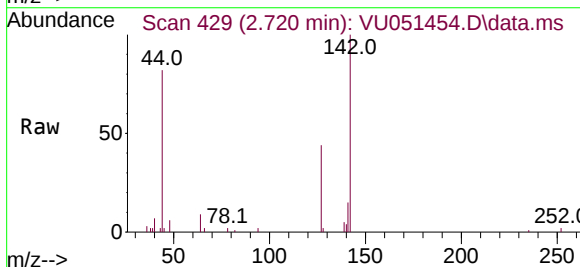
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT4-2022

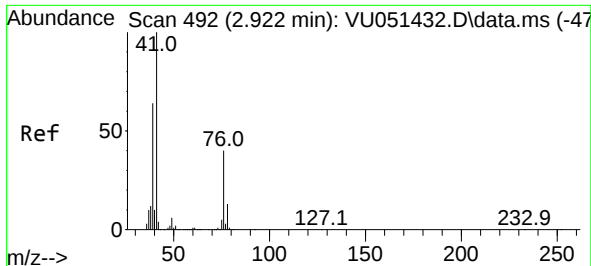
Tgt Ion: 96 Resp: 12208
Ion Ratio Lower Upper
96 100
61 148.9 0.0 522.3
98 61.6 0.0 126.6



#10
Iodomethane
Concen: 0.760 ug/l
RT: 2.720 min Scan# 429
Delta R.T. 0.001 min
Lab File: VU051454.D
Acq: 19 Oct 2022 13:21

Tgt Ion: 142 Resp: 14648
Ion Ratio Lower Upper
142 100
127 46.7 37.0 55.4





#11

Allyl Chloride

Concen: 0.813 ug/l

RT: 2.922 min Scan# 492

Delta R.T. 0.000 min

Lab File: VU051454.D

Acq: 19 Oct 2022 13:21

Instrument :

MSVOA_U

ClientSampleId :

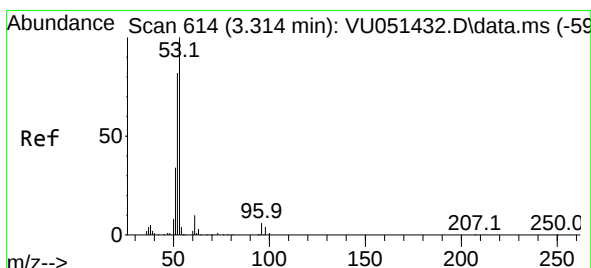
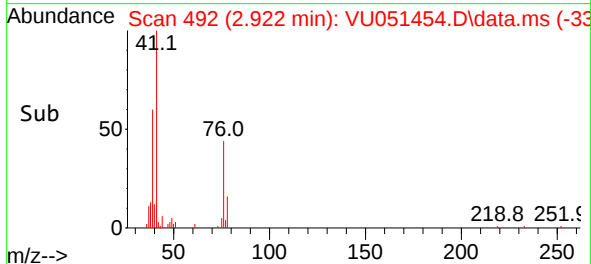
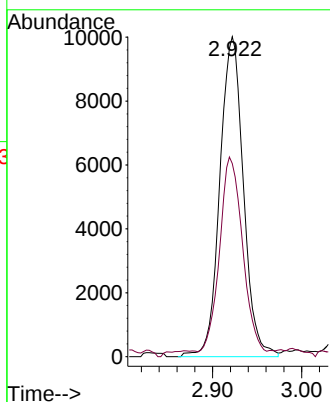
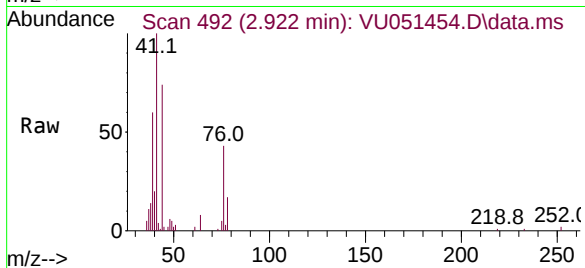
MDL-WATER-03-QT4-2022

Tgt Ion: 41 Resp: 18426

Ion Ratio Lower Upper

41 100

39 59.9 51.4 77.0



#12

Acrylonitrile

Concen: 1.538 ug/l

RT: 3.318 min Scan# 615

Delta R.T. 0.003 min

Lab File: VU051454.D

Acq: 19 Oct 2022 13:21

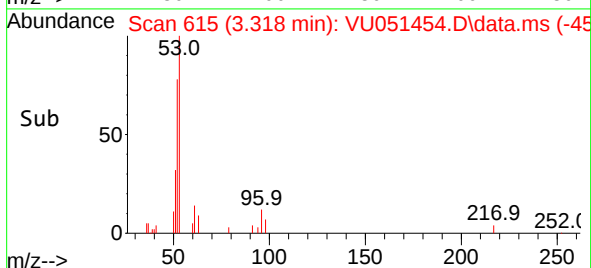
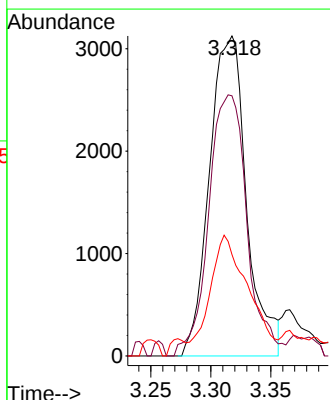
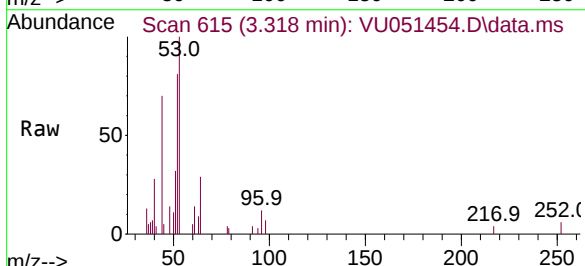
Tgt Ion: 53 Resp: 6730

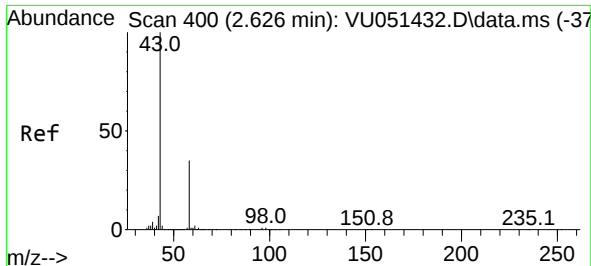
Ion Ratio Lower Upper

53 100

52 84.1 63.9 95.9

51 30.7 25.9 38.9





#13

Acetone

Concen: 3.943 ug/l

RT: 2.626 min Scan# 400

Delta R.T. 0.000 min

Lab File: VU051454.D

Acq: 19 Oct 2022 13:21

Instrument :

MSVOA_U

ClientSampleId :

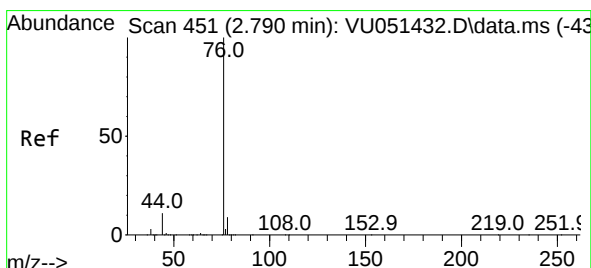
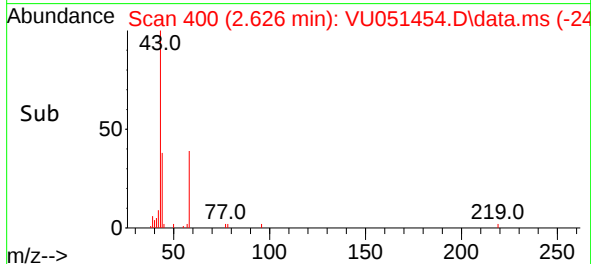
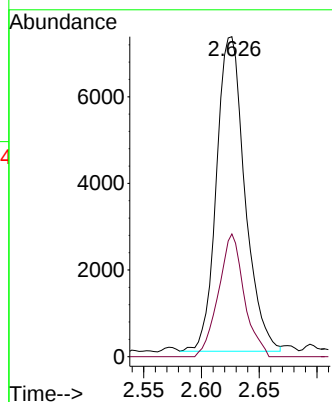
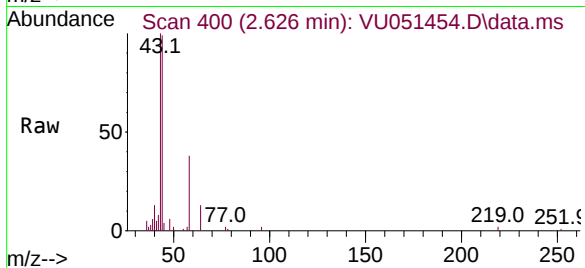
MDL-WATER-03-QT4-2022

Tgt Ion: 43 Resp: 12421

Ion Ratio Lower Upper

43 100

58 39.0 27.9 41.9



#14

Carbon Disulfide

Concen: 0.787 ug/l

RT: 2.790 min Scan# 451

Delta R.T. 0.000 min

Lab File: VU051454.D

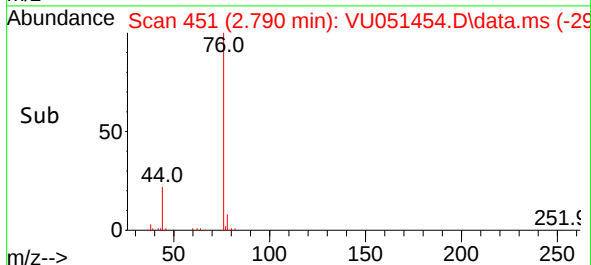
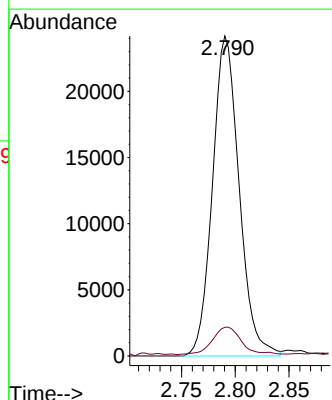
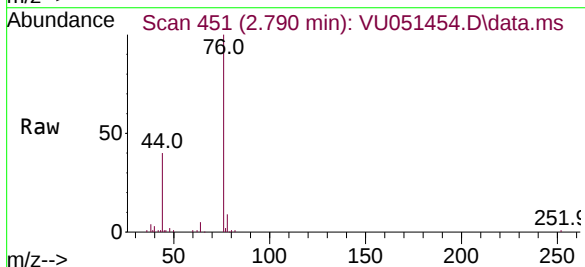
Acq: 19 Oct 2022 13:21

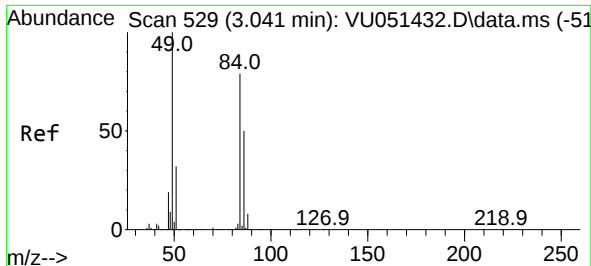
Tgt Ion: 76 Resp: 41672

Ion Ratio Lower Upper

76 100

78 8.4 7.2 10.8



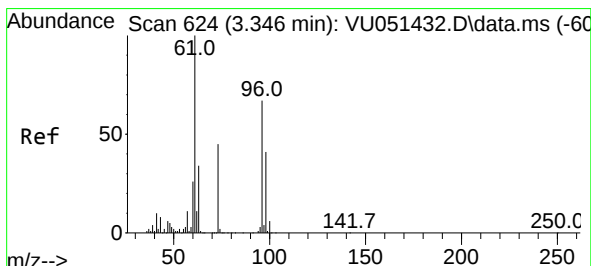
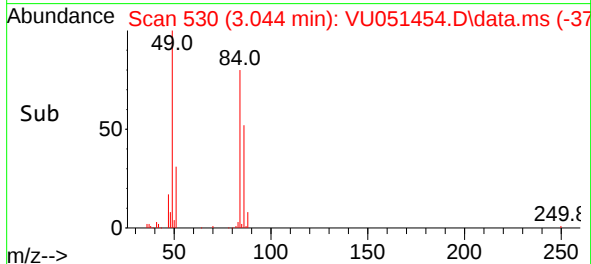
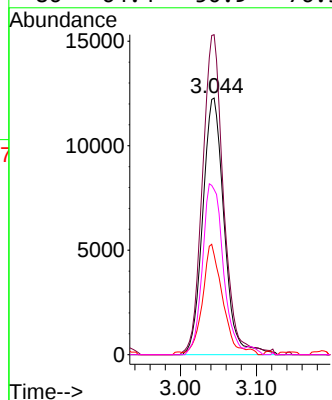
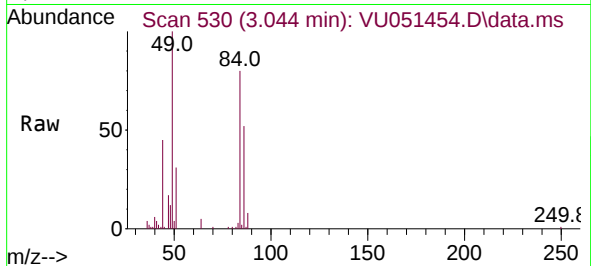


#15
Methylene Chloride
Concen: 1.104 ug/l
RT: 3.044 min Scan# 51
Delta R.T. 0.003 min
Lab File: VU051454.D
Acq: 19 Oct 2022 13:21

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT4-2022

Tgt Ion: 84 Resp: 24033

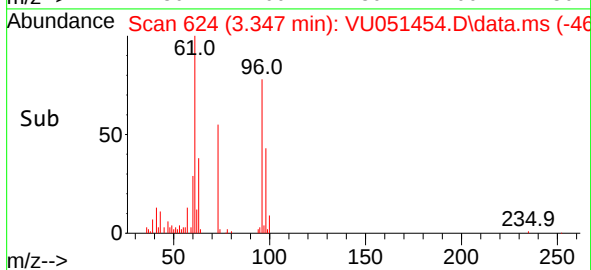
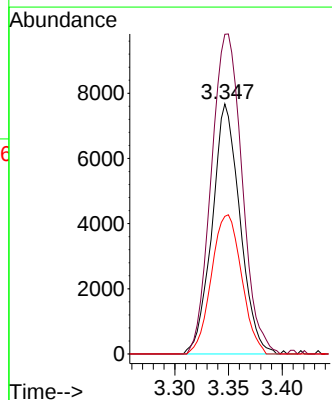
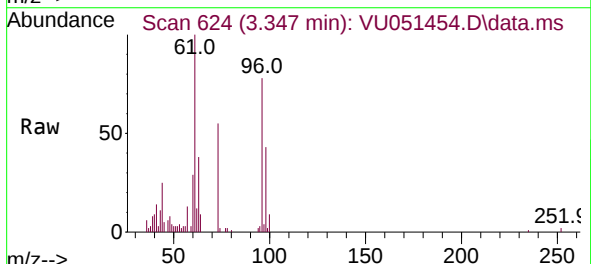
Ion	Ratio	Lower	Upper
84	100		
49	124.7	101.1	151.7
51	38.0	0.0	80.2
86	64.4	50.9	76.3

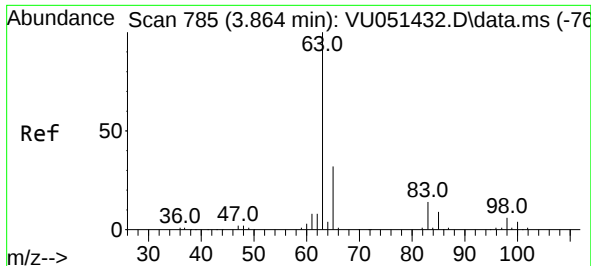


#16
trans-1,2-Dichloroethene
Concen: 0.810 ug/l
RT: 3.347 min Scan# 624
Delta R.T. 0.000 min
Lab File: VU051454.D
Acq: 19 Oct 2022 13:21

Tgt Ion: 96 Resp: 13815

Ion	Ratio	Lower	Upper
96	100		
61	127.9	119.9	179.9
98	55.0	49.5	74.3





#17

1,1-Dichloroethane

Concen: 0.782 ug/l

RT: 3.867 min Scan# 7

Delta R.T. 0.003 min

Lab File: VU051454.D

Acq: 19 Oct 2022 13:21

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT4-2022

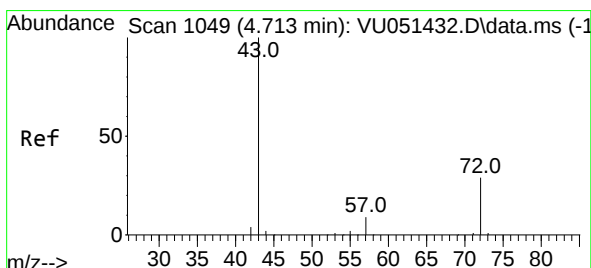
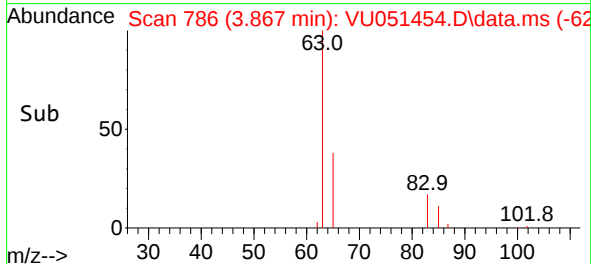
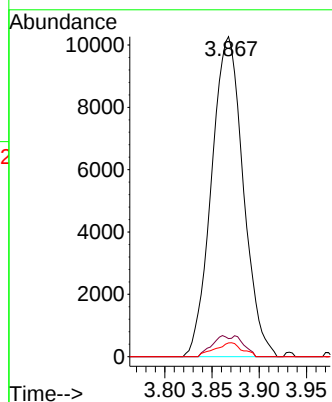
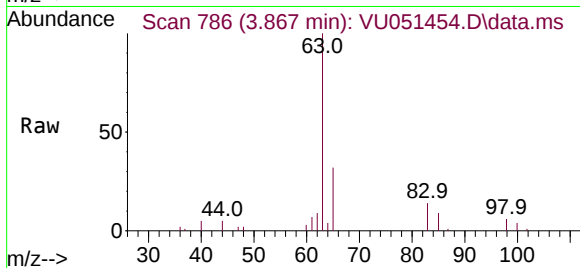
Tgt Ion: 63 Resp: 23967

Ion Ratio Lower Upper

63 100

98 5.6 3.1 9.3

100 4.3 2.1 6.3



#18

2-Butanone

Concen: 3.511 ug/l

RT: 4.723 min Scan# 1052

Delta R.T. 0.010 min

Lab File: VU051454.D

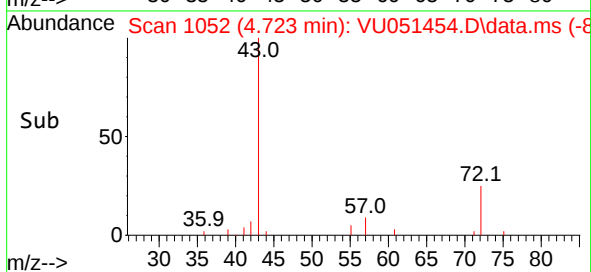
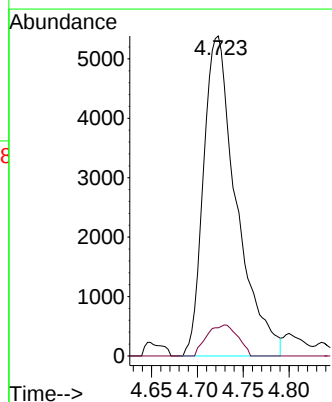
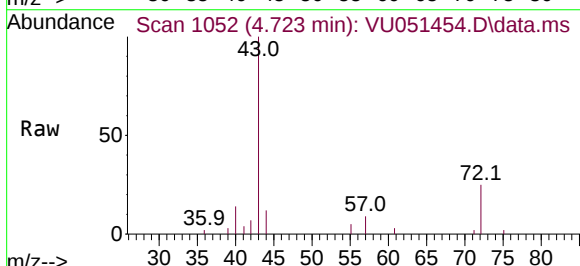
Acq: 19 Oct 2022 13:21

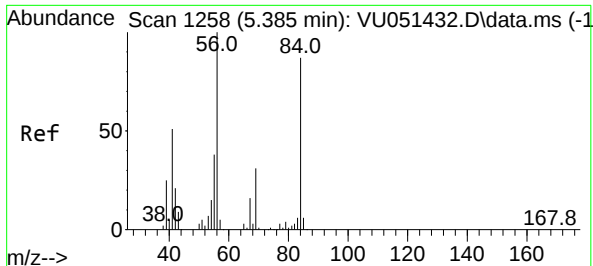
Tgt Ion: 43 Resp: 13420

Ion Ratio Lower Upper

43 100

57 8.8 0.0 18.2





#19

Cyclohexane

Concen: 0.554 ug/l

RT: 5.382 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU051454.D

Acq: 19 Oct 2022 13:21

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT4-2022

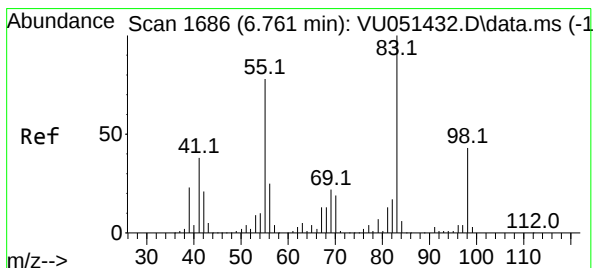
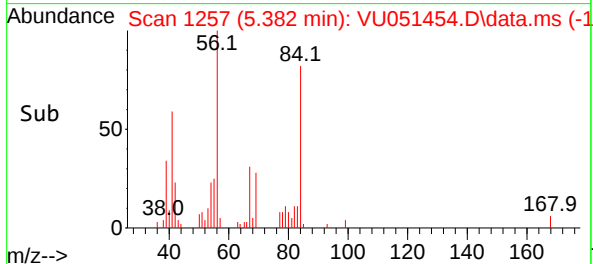
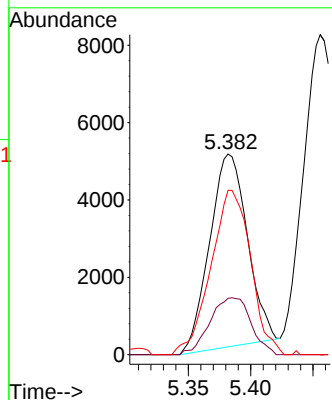
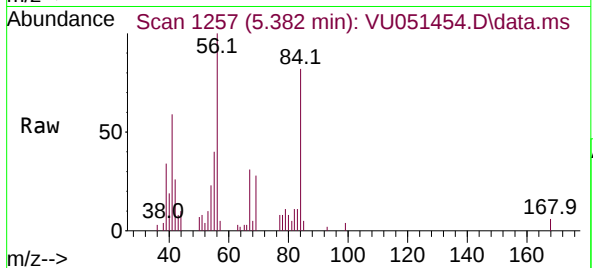
Tgt Ion: 56 Resp: 10528

Ion Ratio Lower Upper

56 100

69 32.0 25.0 37.4

84 89.8 68.5 102.7



#20

Methylcyclohexane

Concen: 0.570 ug/l

RT: 6.761 min Scan# 1686

Delta R.T. 0.000 min

Lab File: VU051454.D

Acq: 19 Oct 2022 13:21

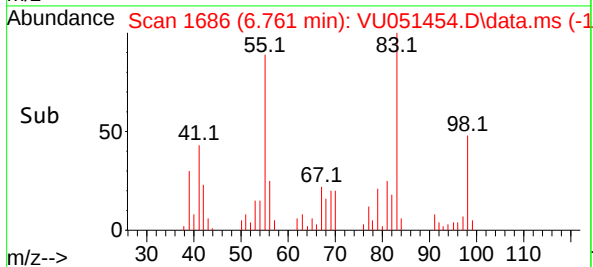
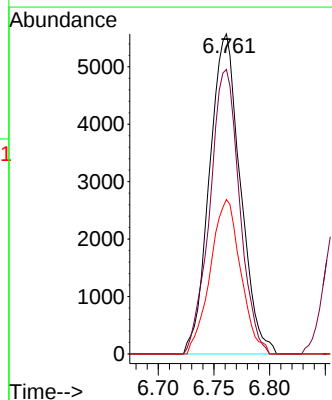
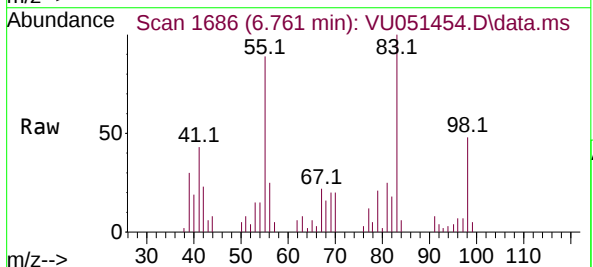
Tgt Ion: 83 Resp: 10740

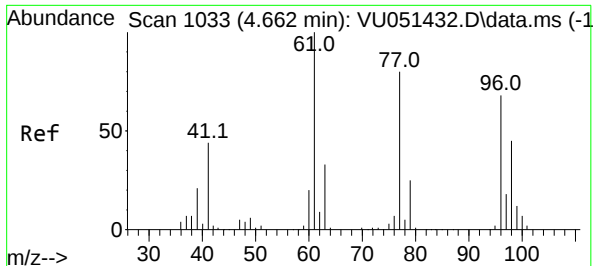
Ion Ratio Lower Upper

83 100

55 85.5 62.4 93.6

98 47.6 35.5 53.3





#21

2,2-Dichloropropane

Concen: 0.762 ug/l

RT: 4.658 min Scan# 1032

Delta R.T. -0.003 min

Lab File: VU051454.D

Acq: 19 Oct 2022 13:21

Instrument :

MSVOA_U

ClientSampleId :

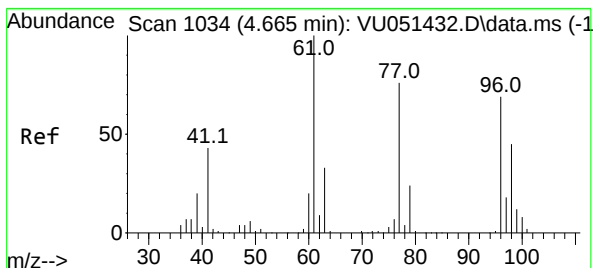
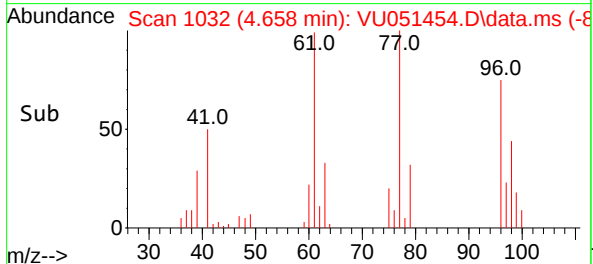
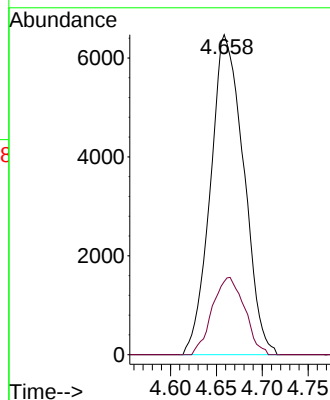
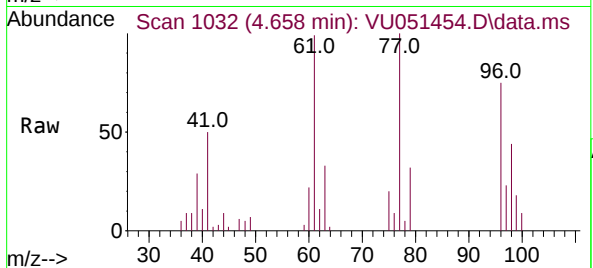
MDL-WATER-03-QT4-2022

Tgt Ion: 77 Resp: 16299

Ion Ratio Lower Upper

77 100

97 23.4 19.0 28.6



#22

cis-1,2-Dichloroethene

Concen: 0.721 ug/l

RT: 4.662 min Scan# 1033

Delta R.T. -0.003 min

Lab File: VU051454.D

Acq: 19 Oct 2022 13:21

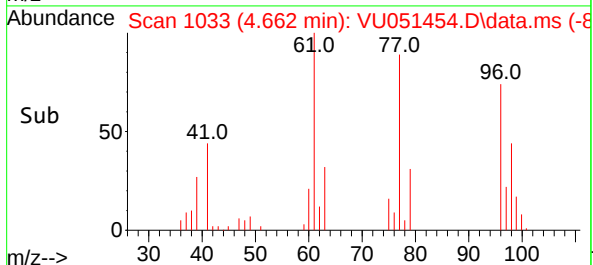
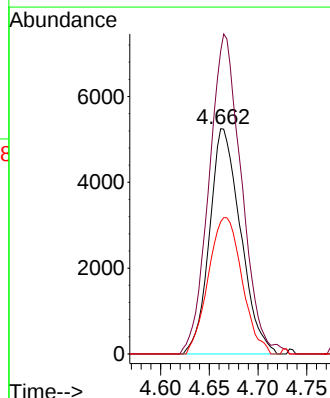
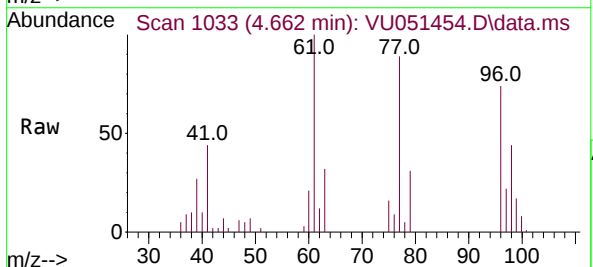
Tgt Ion: 96 Resp: 11622

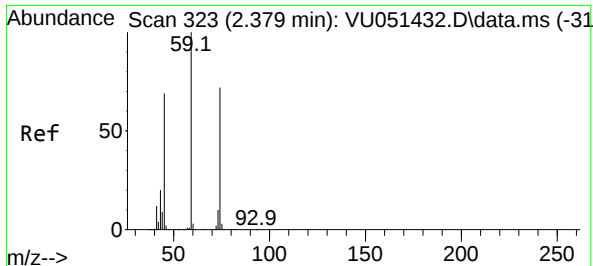
Ion Ratio Lower Upper

96 100

61 148.3 0.0 362.8

98 65.7 32.5 97.5

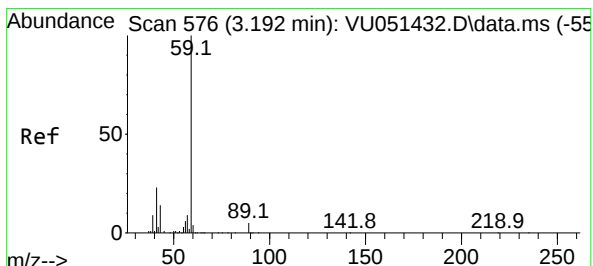
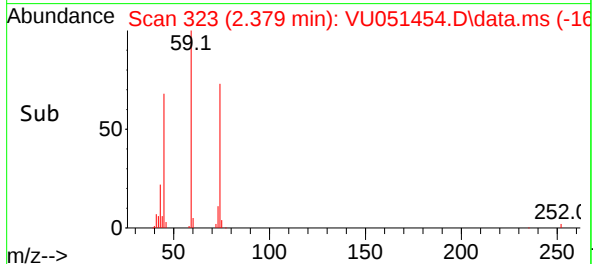
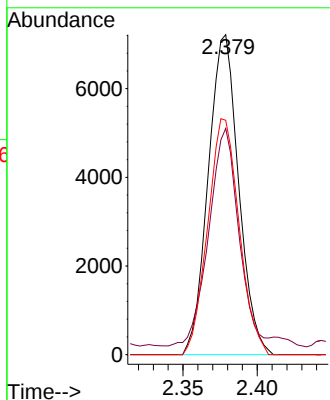
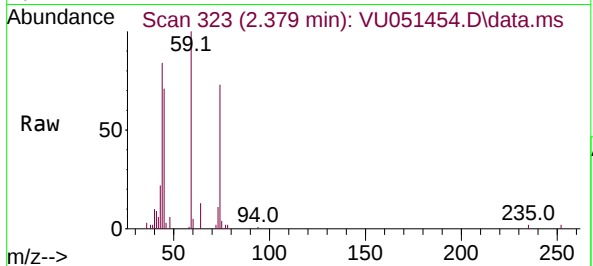




#23
Diethyl Ether
Concen: 0.790 ug/l
RT: 2.379 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU051454.D
Acq: 19 Oct 2022 13:21

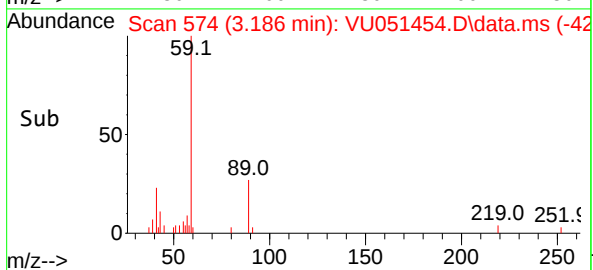
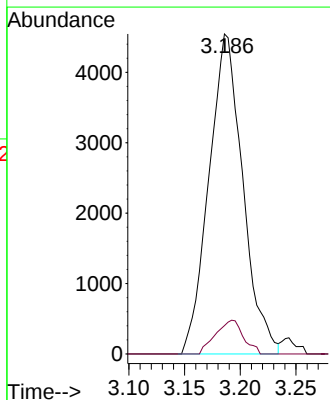
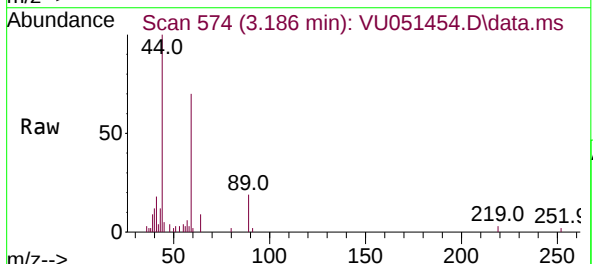
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT4-2022

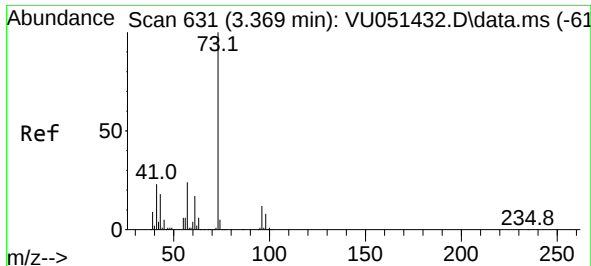
Tgt Ion: 59 Resp: 10259
Ion Ratio Lower Upper
59 100
45 66.6 55.7 83.5
74 76.1 58.2 87.4



#24
tert-Butyl Alcohol
Concen: 7.066 ug/l
RT: 3.186 min Scan# 574
Delta R.T. -0.006 min
Lab File: VU051454.D
Acq: 19 Oct 2022 13:21

Tgt Ion: 59 Resp: 9619
Ion Ratio Lower Upper
59 100
57 8.6 7.8 11.8

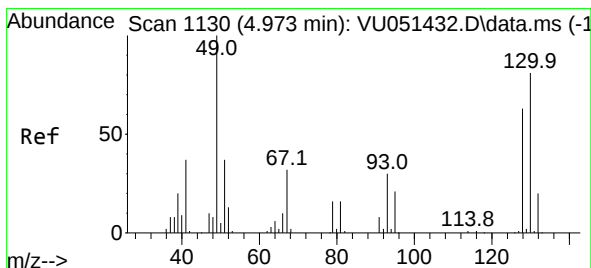
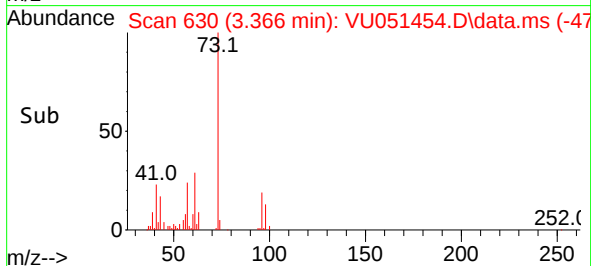
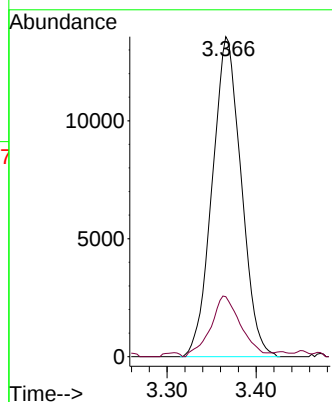
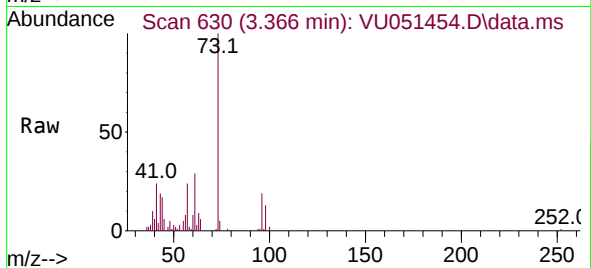




#25
Methyl tert-Butyl Ether
Concen: 0.791 ug/l
RT: 3.366 min Scan# 611
Delta R.T. -0.003 min
Lab File: VU051454.D
Acq: 19 Oct 2022 13:21

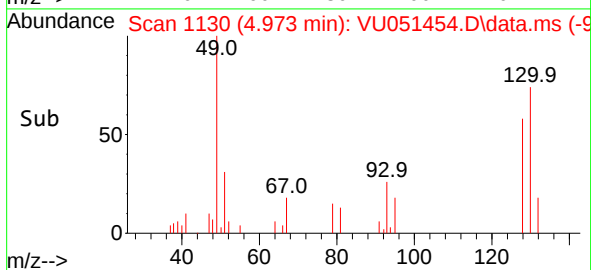
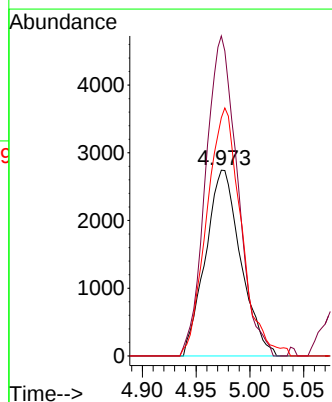
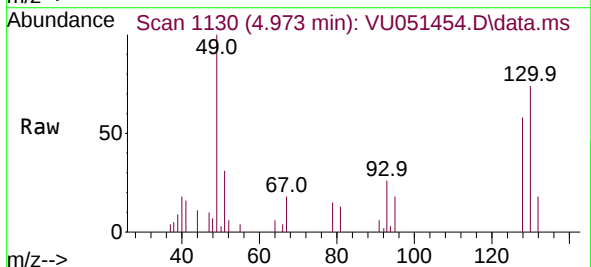
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT4-2022

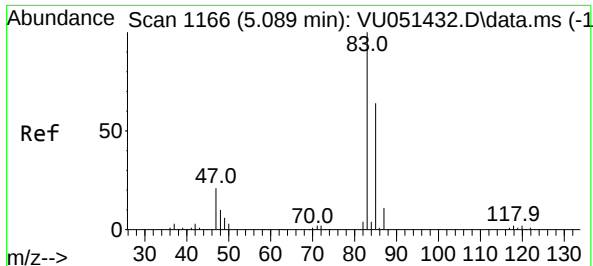
Tgt Ion: 73 Resp: 30602
Ion Ratio Lower Upper
73 100
43 19.7 14.2 21.4



#26
Bromochloromethane
Concen: 0.794 ug/l
RT: 4.973 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VU051454.D
Acq: 19 Oct 2022 13:21

Tgt Ion: 128 Resp: 6242
Ion Ratio Lower Upper
128 100
49 156.5 0.0 320.4
130 130.5 105.0 157.6





#27

Chloroform

Concen: 0.776 ug/l

RT: 5.086 min Scan# 1166

Delta R.T. -0.003 min

Lab File: VU051454.D

Acq: 19 Oct 2022 13:21

Instrument :

MSVOA_U

ClientSampleId :

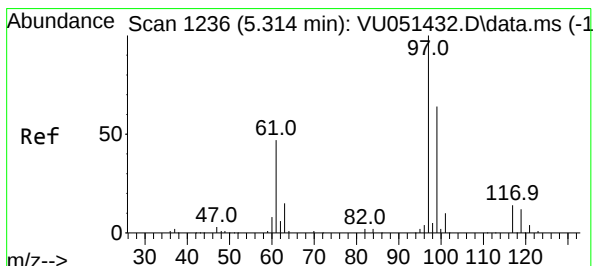
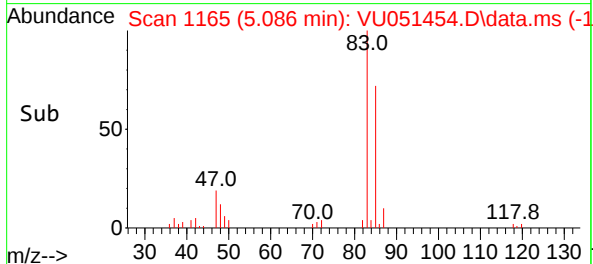
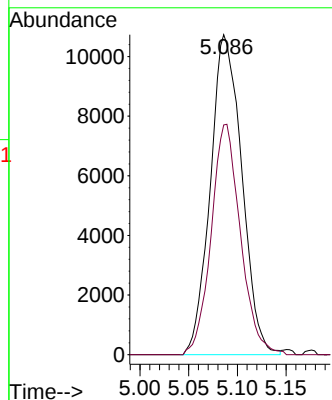
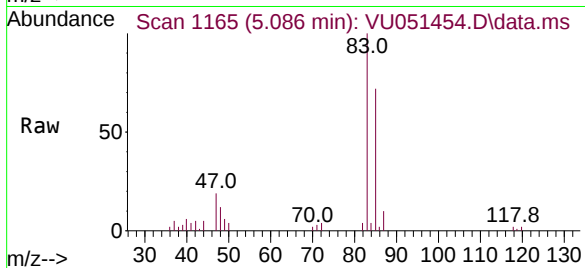
MDL-WATER-03-QT4-2022

Tgt Ion: 83 Resp: 24097

Ion Ratio Lower Upper

83 100

85 71.8 0.0 128.8



#28

1,1,1-Trichloroethane

Concen: 0.753 ug/l

RT: 5.314 min Scan# 1236

Delta R.T. 0.000 min

Lab File: VU051454.D

Acq: 19 Oct 2022 13:21

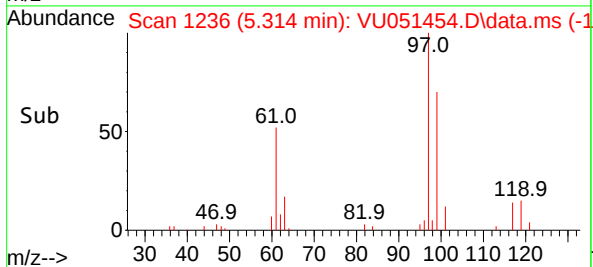
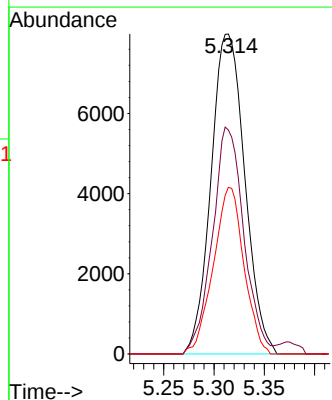
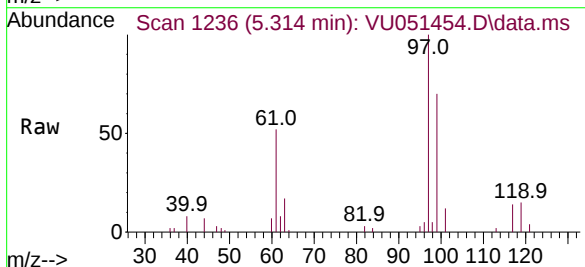
Tgt Ion: 97 Resp: 18658

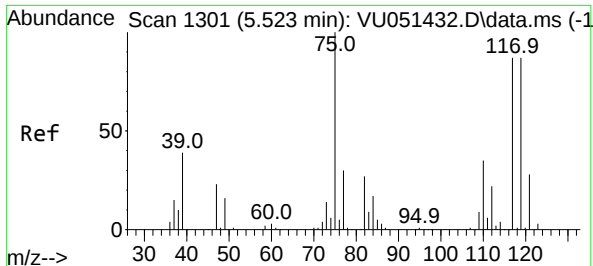
Ion Ratio Lower Upper

97 100

99 66.2 31.8 95.4

61 47.1 23.6 71.0





#29

1,1-Dichloropropene

Concen: 0.689 ug/l

RT: 5.523 min Scan# 1301

Delta R.T. 0.000 min

Lab File: VU051454.D

Acq: 19 Oct 2022 13:21

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT4-2022

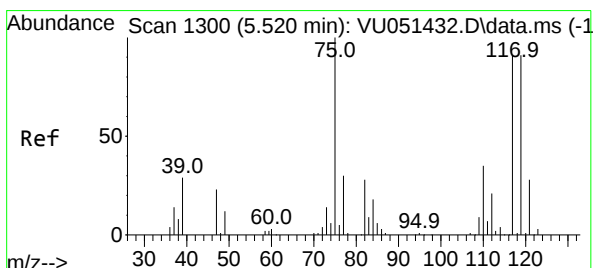
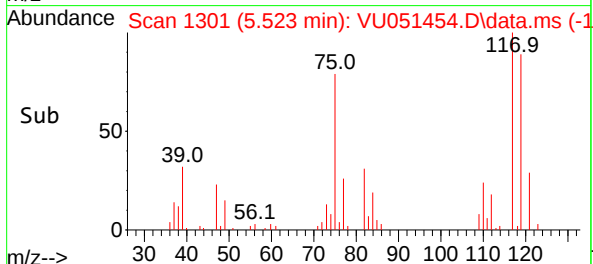
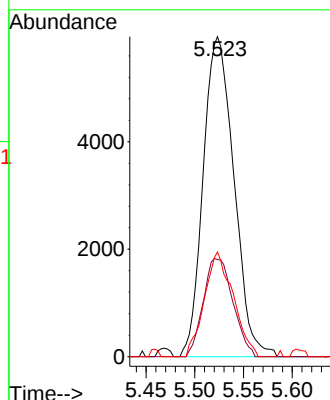
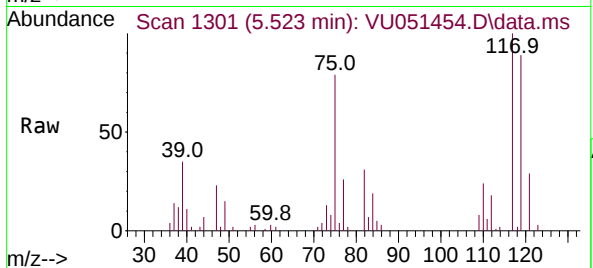
Tgt Ion: 75 Resp: 13078

Ion Ratio Lower Upper

75 100

110 29.5 17.8 53.3

77 30.6 24.2 36.4



#30

Carbon Tetrachloride

Concen: 0.789 ug/l

RT: 5.523 min Scan# 1301

Delta R.T. 0.003 min

Lab File: VU051454.D

Acq: 19 Oct 2022 13:21

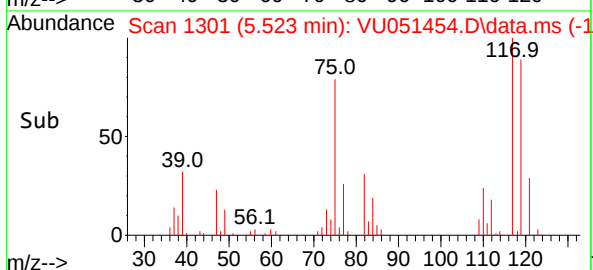
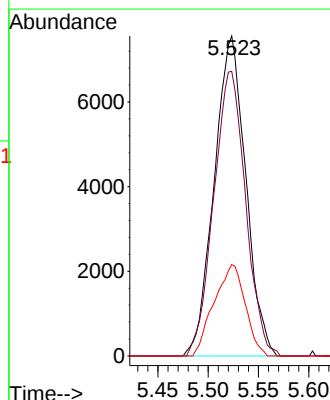
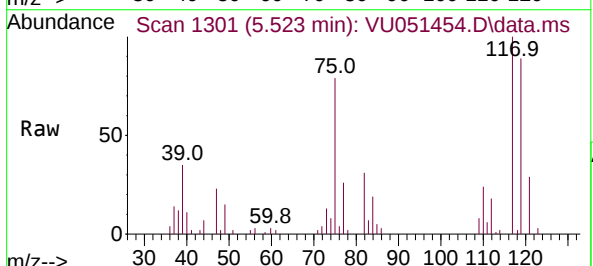
Tgt Ion: 117 Resp: 16490

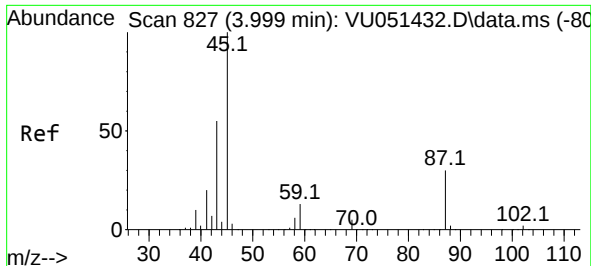
Ion Ratio Lower Upper

117 100

119 89.0 80.0 120.0

121 28.5 24.9 37.3

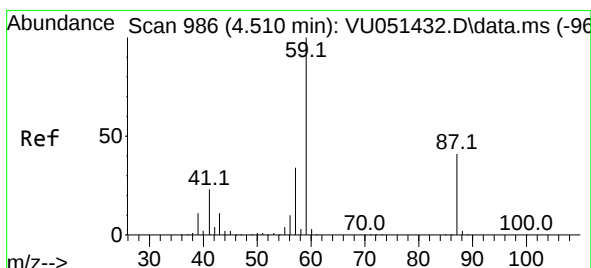
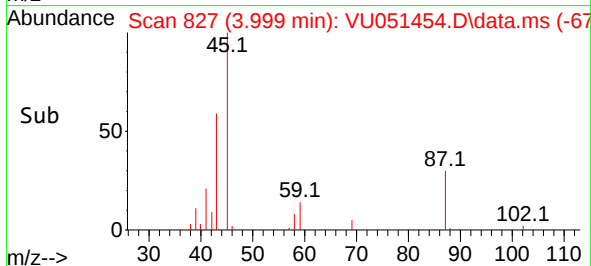
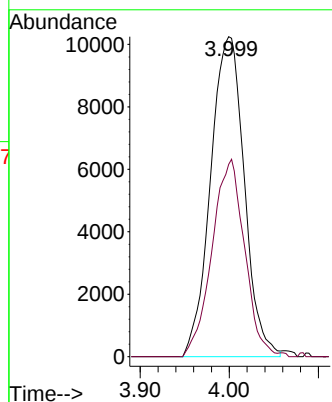
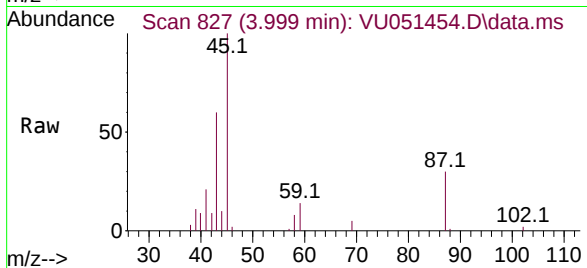




#31
Isopropyl Ether
Concen: 0.743 ug/l
RT: 3.999 min Scan# 81
Delta R.T. 0.000 min
Lab File: VU051454.D
Acq: 19 Oct 2022 13:21

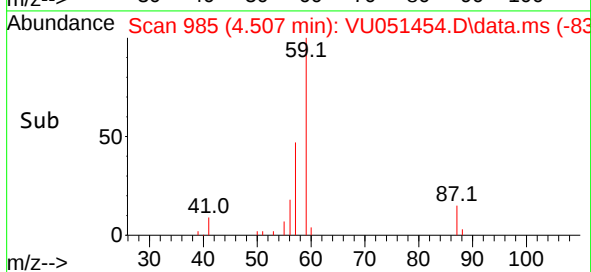
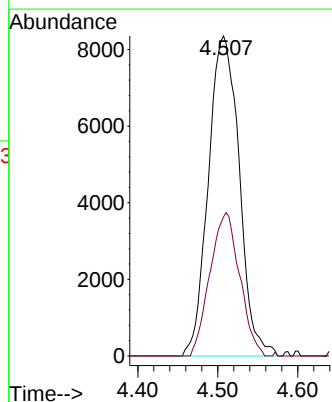
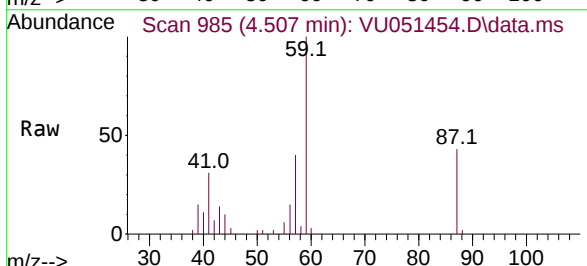
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT4-2022

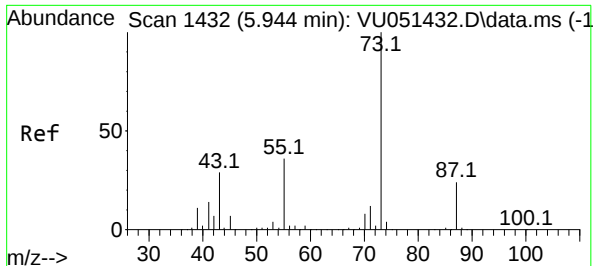
Tgt Ion: 45 Resp: 26953
Ion Ratio Lower Upper
45 100
43 59.4 27.6 82.7



#32
Ethyl-t-butyl ether
Concen: 0.676 ug/l
RT: 4.507 min Scan# 985
Delta R.T. -0.003 min
Lab File: VU051454.D
Acq: 19 Oct 2022 13:21

Tgt Ion: 59 Resp: 22394
Ion Ratio Lower Upper
59 100
87 43.1 33.8 50.8

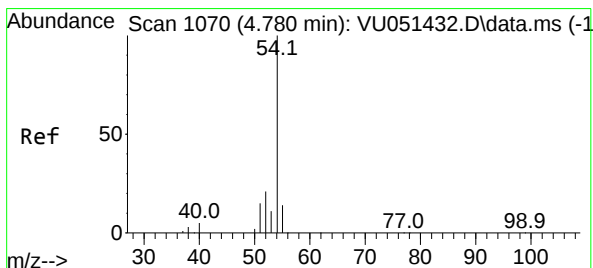
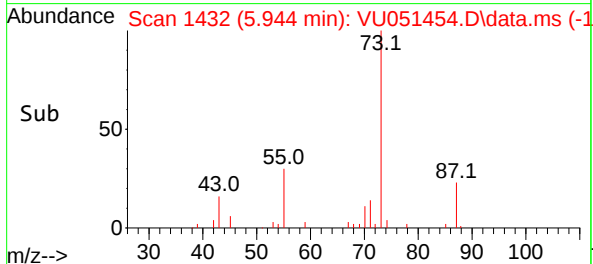
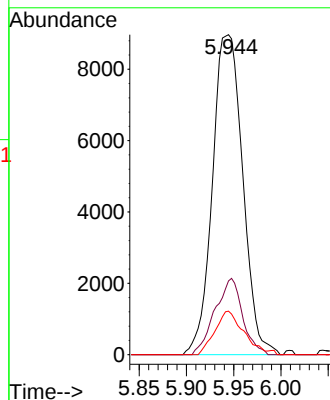
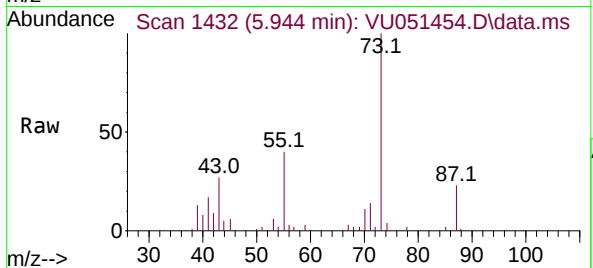




#33
Tert-Amyl methyl ether
Concen: 0.688 ug/l
RT: 5.944 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VU051454.D
Acq: 19 Oct 2022 13:21

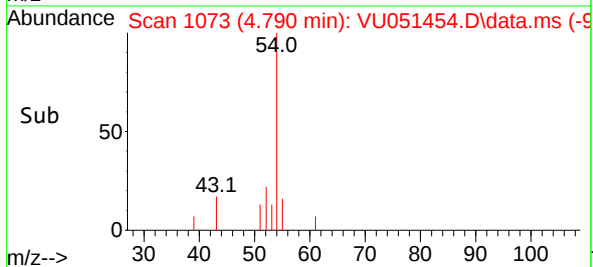
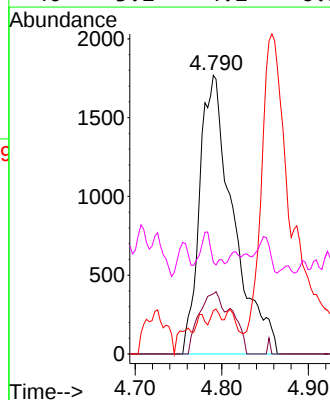
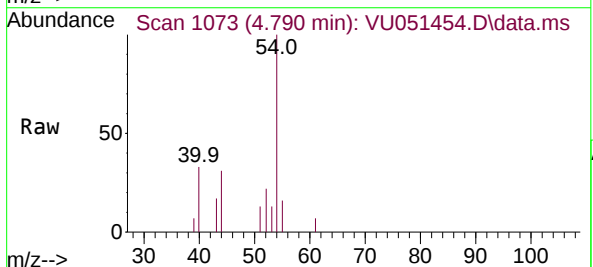
Instrument : MSVOA_U
ClientSampleId : MDL-WATER-03-QT4-2022

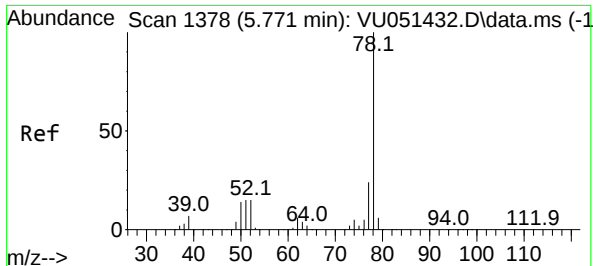
Tgt Ion: 73	Resp: 20008
Ion Ratio	Lower Upper
73 100	
87 21.7	18.9 28.3
71 13.1	9.4 14.2



#34
Propionitrile
Concen: 3.702 ug/l
RT: 4.790 min Scan# 1073
Delta R.T. 0.010 min
Lab File: VU051454.D
Acq: 19 Oct 2022 13:21

Tgt Ion: 54	Resp: 4758
Ion Ratio	Lower Upper
54 100	
52 15.4	16.4 24.6#
55 5.1	11.5 17.3#
40 3.2	4.2 6.2#





#35

Benzene

Concen: 0.705 ug/l

RT: 5.774 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU051454.D

Acq: 19 Oct 2022 13:21

Instrument :

MSVOA_U

ClientSampleId :

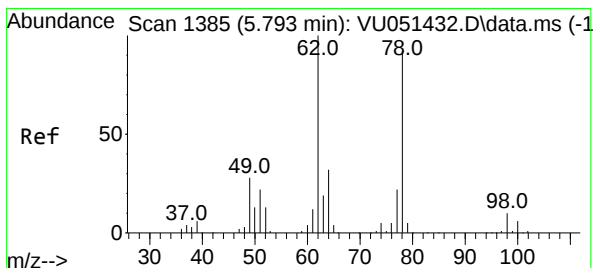
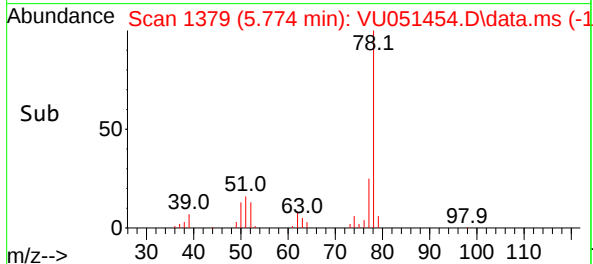
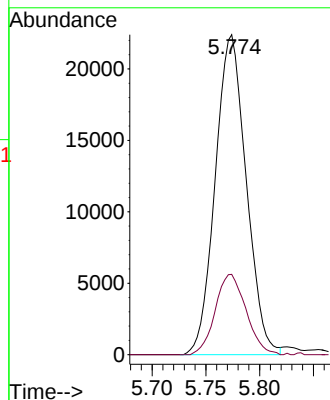
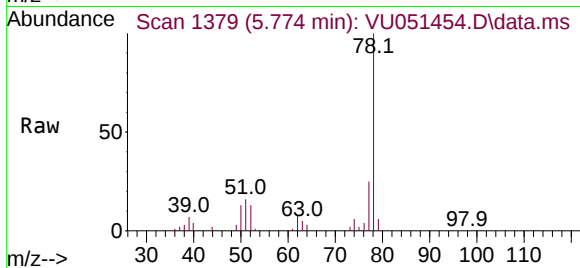
MDL-WATER-03-QT4-2022

Tgt Ion: 78 Resp: 44905

Ion Ratio Lower Upper

78 100

77 25.1 19.0 28.6



#36

1,2-Dichloroethane

Concen: 0.775 ug/l

RT: 5.793 min Scan# 1385

Delta R.T. 0.000 min

Lab File: VU051454.D

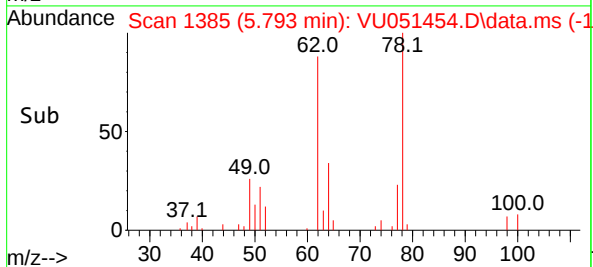
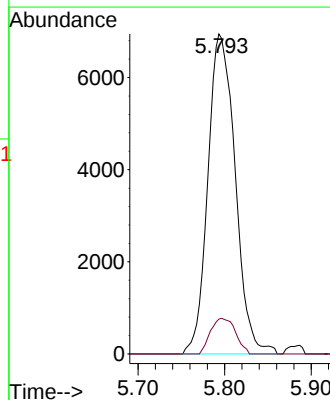
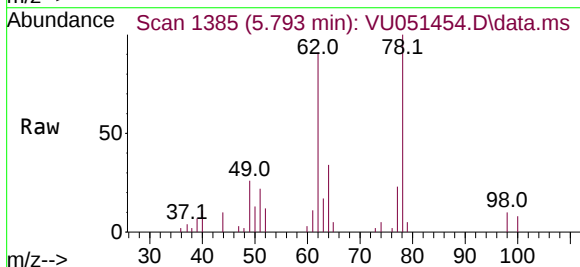
Acq: 19 Oct 2022 13:21

Tgt Ion: 62 Resp: 15236

Ion Ratio Lower Upper

62 100

98 10.2 7.4 11.2

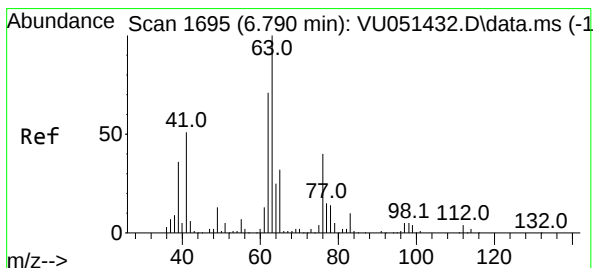
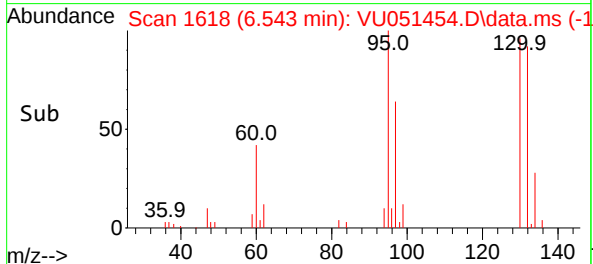
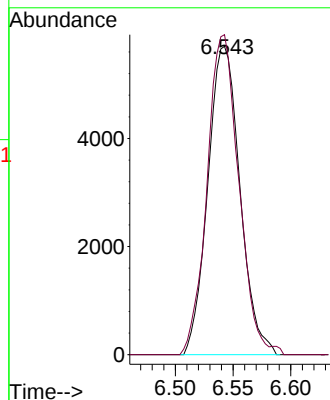
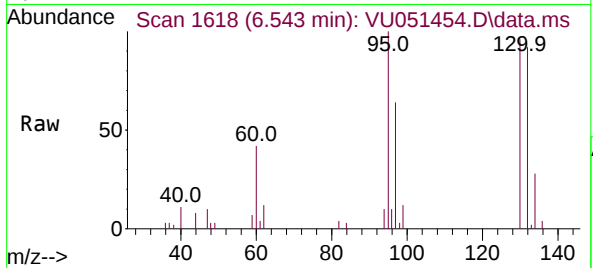




#37
Trichloroethene
Concen: 0.739 ug/l
RT: 6.543 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VU051454.D
Acq: 19 Oct 2022 13:21

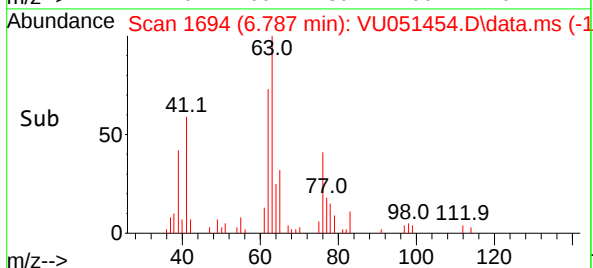
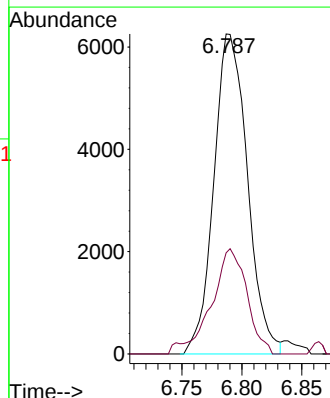
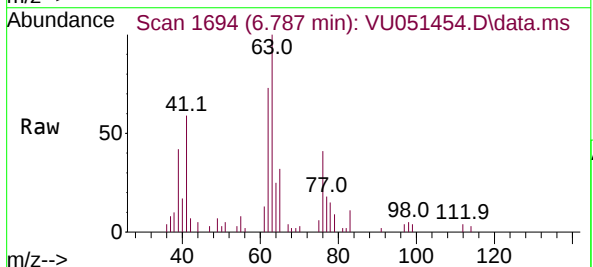
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT4-2022

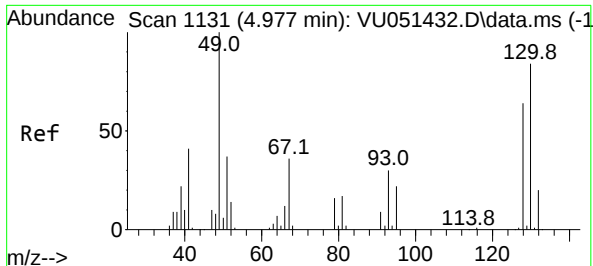
Tgt Ion:130 Resp: 11049
Ion Ratio Lower Upper
130 100
95 103.8 80.2 120.4



#38
1,2-Dichloropropane
Concen: 0.697 ug/l
RT: 6.787 min Scan# 1694
Delta R.T. -0.003 min
Lab File: VU051454.D
Acq: 19 Oct 2022 13:21

Tgt Ion: 63 Resp: 12184
Ion Ratio Lower Upper
63 100
65 31.6 25.4 38.2





#39

Methacrylonitrile

Concen: 0.631 ug/l

RT: 4.983 min Scan# 1133

Delta R.T. 0.007 min

Lab File: VU051454.D

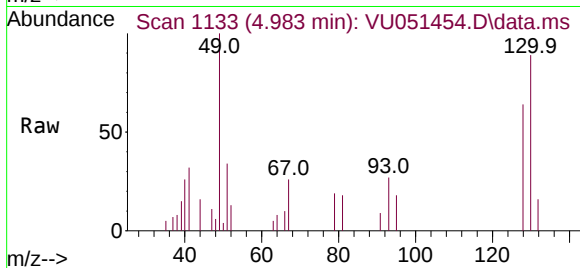
Acq: 19 Oct 2022 13:21

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT4-2022



Tgt Ion: 41 Resp: 2772

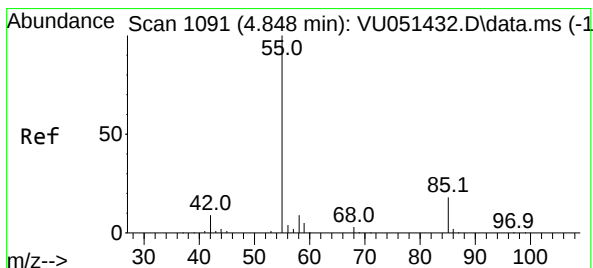
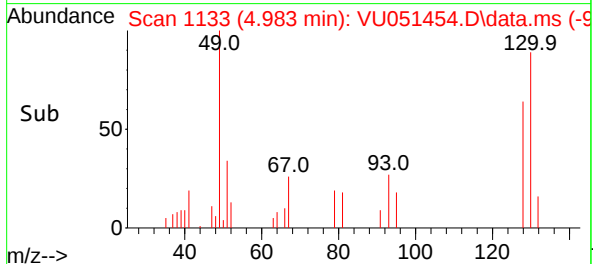
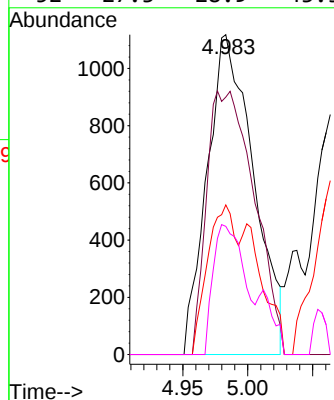
Ion Ratio Lower Upper

41 100

67 84.8 69.6 104.4

39 29.0 42.2 63.4#

52 27.3 28.9 43.3#



#40

Methyl acrylate

Concen: 0.734 ug/l

RT: 4.858 min Scan# 1094

Delta R.T. 0.010 min

Lab File: VU051454.D

Acq: 19 Oct 2022 13:21

Tgt Ion: 55 Resp: 5140

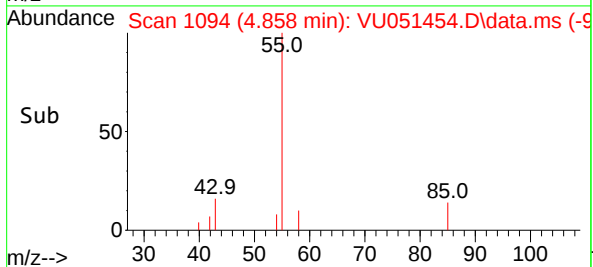
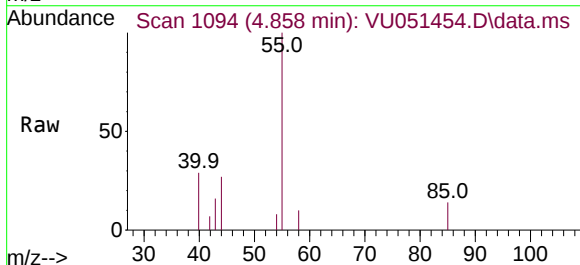
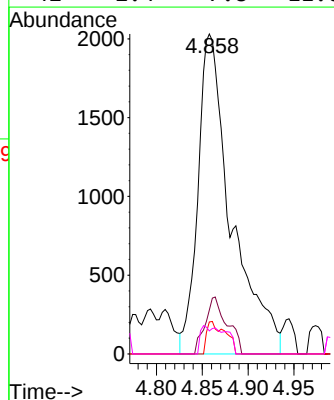
Ion Ratio Lower Upper

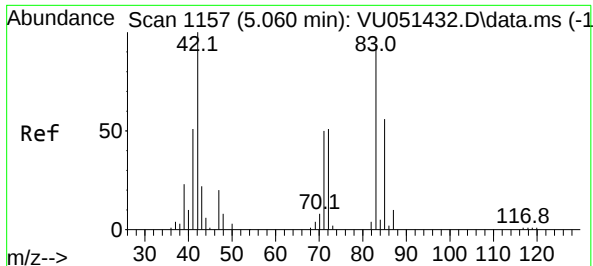
55 100

85 11.7 15.0 22.6#

58 5.6 7.5 11.3#

42 2.4 7.8 11.6#





#41

Tetrahydrofuran

Concen: 1.449 ug/l

RT: 5.070 min Scan# 1157

Delta R.T. 0.010 min

Lab File: VU051454.D

Acq: 19 Oct 2022 13:21

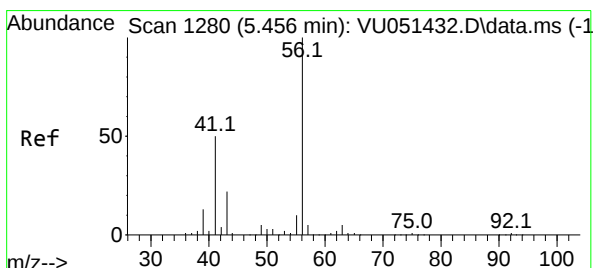
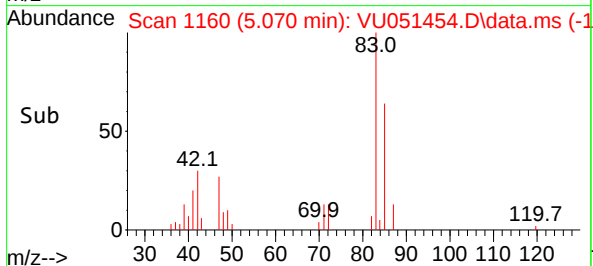
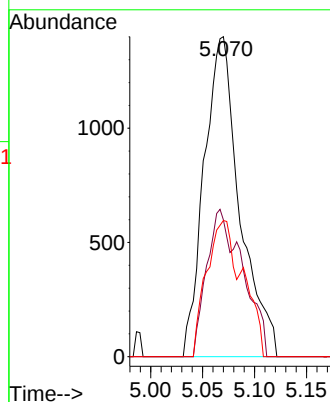
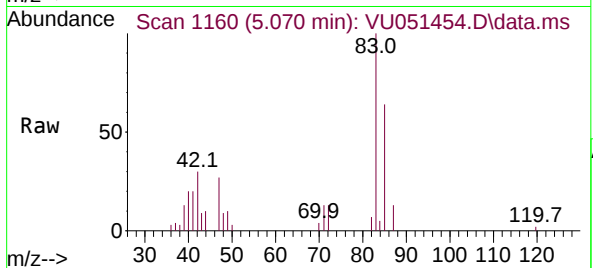
Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT4-2022

Tgt Ion:	42	Resp:	3342
Ion Ratio	Lower	Upper	
42	100		
72	46.6	42.6	64.0
71	32.0	38.3	57.5



#42

1-Chlorobutane

Concen: 0.655 ug/l

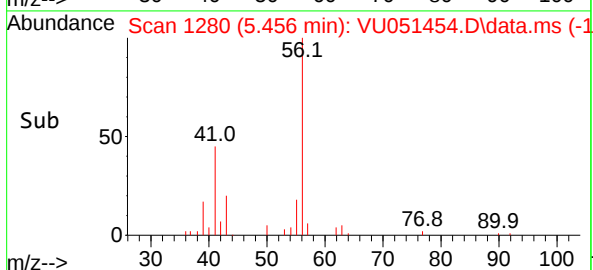
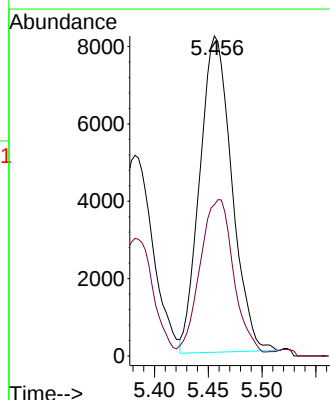
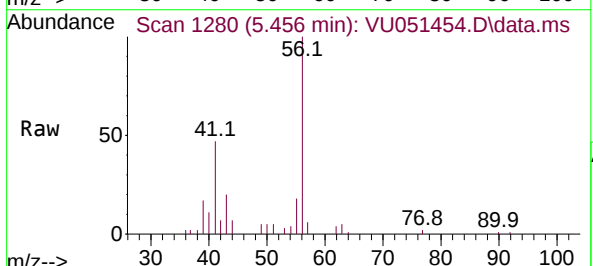
RT: 5.456 min Scan# 1280

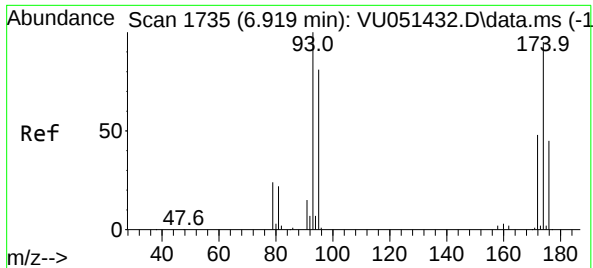
Delta R.T. 0.000 min

Lab File: VU051454.D

Acq: 19 Oct 2022 13:21

Tgt Ion:	56	Resp:	16959
Ion Ratio	Lower	Upper	
56	100		
41	52.6	24.8	74.4

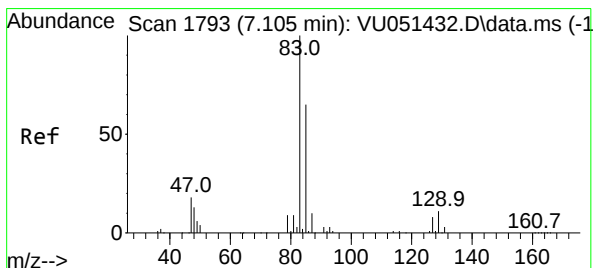
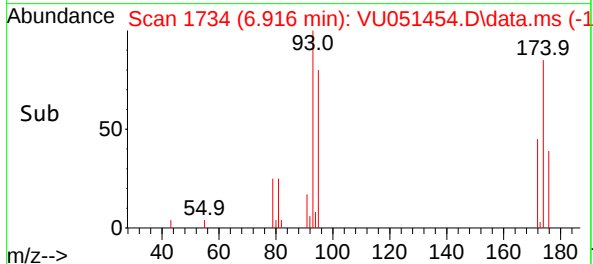
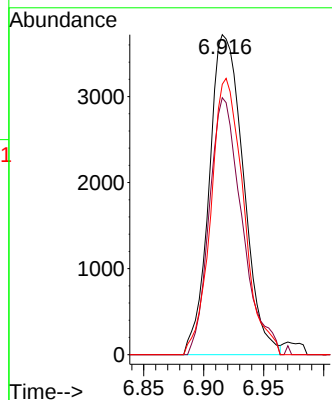
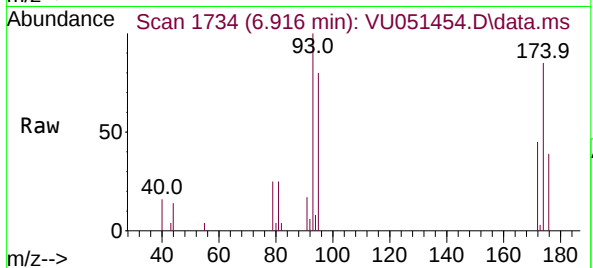




#43
Dibromomethane
Concen: 0.813 ug/l
RT: 6.916 min Scan# 1734
Delta R.T. -0.003 min
Lab File: VU051454.D
Acq: 19 Oct 2022 13:21

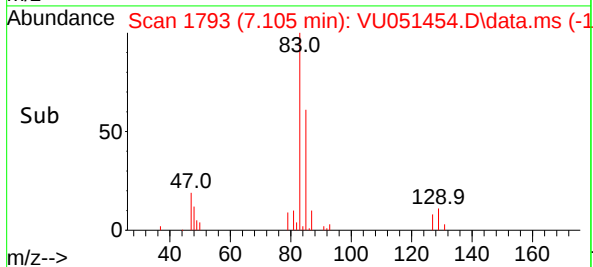
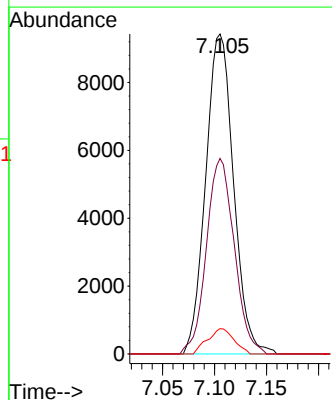
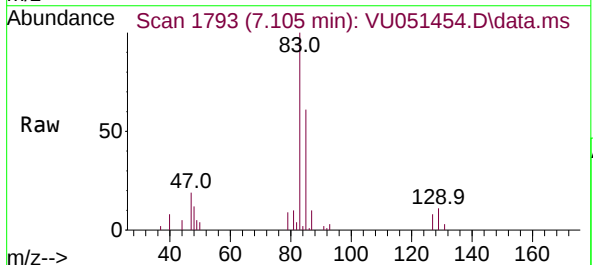
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT4-2022

Tgt Ion: 93	Resp: 7373		
Ion Ratio	Lower	Upper	
93 100			
95 76.7	66.7	100.1	
174 82.5	75.5	113.3	



#44
Bromodichloromethane
Concen: 0.803 ug/l
RT: 7.105 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VU051454.D
Acq: 19 Oct 2022 13:21

Tgt Ion: 83	Resp: 17613
Ion Ratio	Lower Upper
83 100	
85 61.1	52.1 78.1
127 7.9	6.8 10.2





#45

4-Methyl-2-Pentanone

Concen: 3.058 ug/l

RT: 7.793 min Scan# 2007

Delta R.T. 0.000 min

Lab File: VU051454.D

Acq: 19 Oct 2022 13:21

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT4-2022

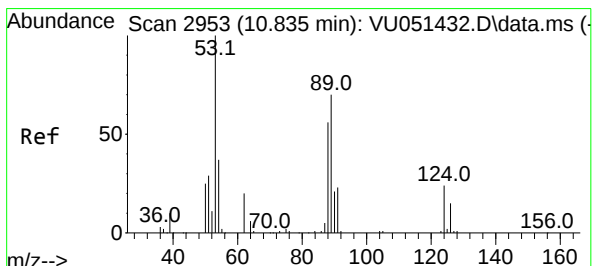
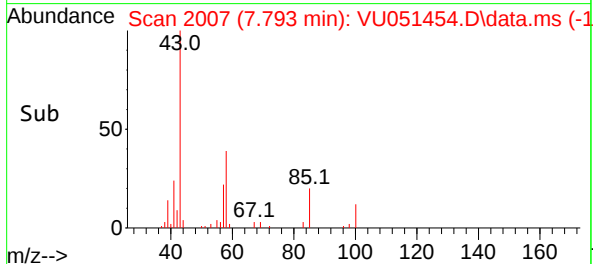
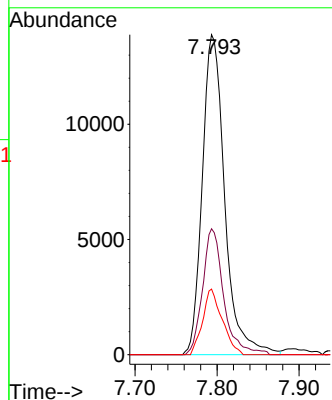
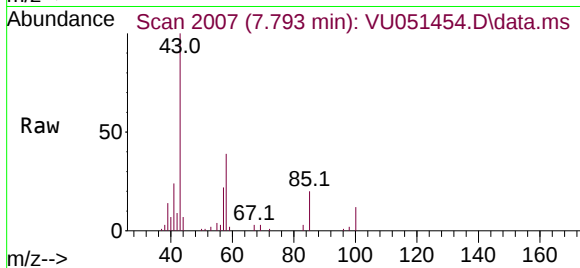
Tgt Ion: 43 Resp: 26391

Ion Ratio Lower Upper

43 100

58 37.1 21.4 64.3

85 17.8 15.4 23.0



#46

t-1,4-Dichloro-2-butene

Concen: 2.981 ug/l

RT: 10.825 min Scan# 2950

Delta R.T. -0.010 min

Lab File: VU051454.D

Acq: 19 Oct 2022 13:21

Tgt Ion: 75 Resp: 14360

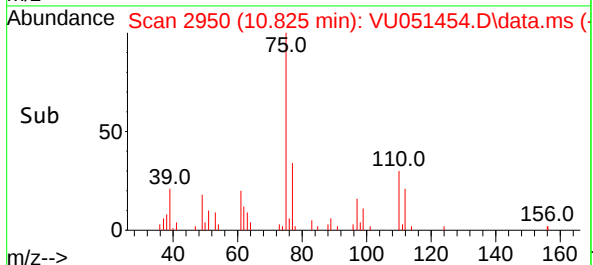
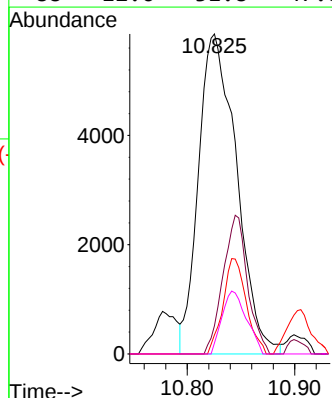
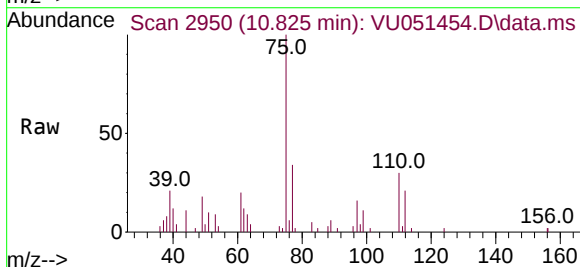
Ion Ratio Lower Upper

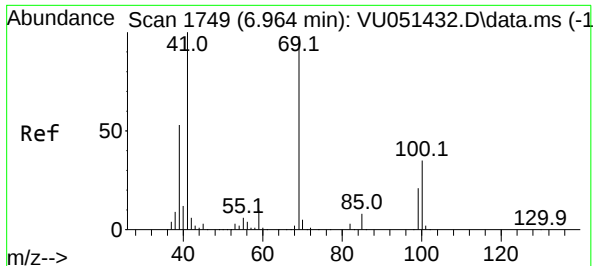
75 100

53 28.0 61.1 91.7#

89 18.3 41.0 61.6#

88 12.6 31.8 47.8#





#47

Methyl methacrylate

Concen: 1.109 ug/l

RT: 6.964 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VU051454.D

Acq: 19 Oct 2022 13:21

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT4-2022

Tgt Ion: 69 Resp: 7690

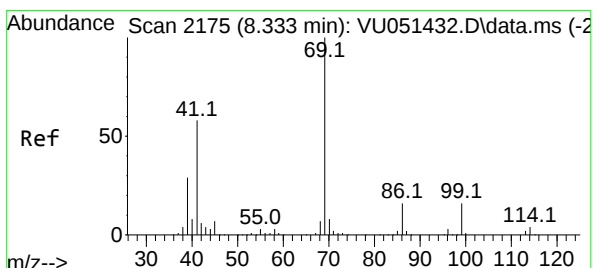
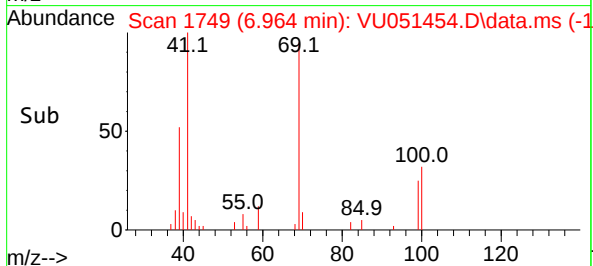
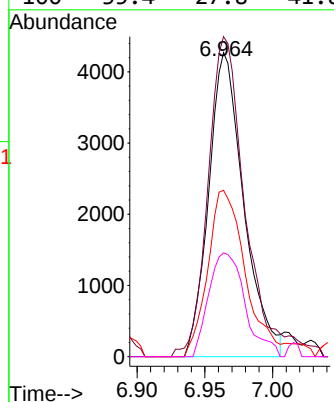
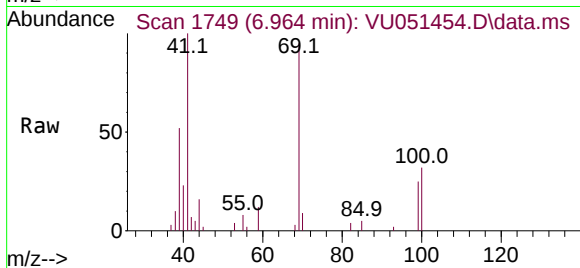
Ion Ratio Lower Upper

69 100

41 112.3 0.0 200.8

39 58.8 44.1 66.1

100 35.4 27.8 41.8



#48

Ethyl methacrylate

Concen: 0.588 ug/l

RT: 8.333 min Scan# 2175

Delta R.T. 0.000 min

Lab File: VU051454.D

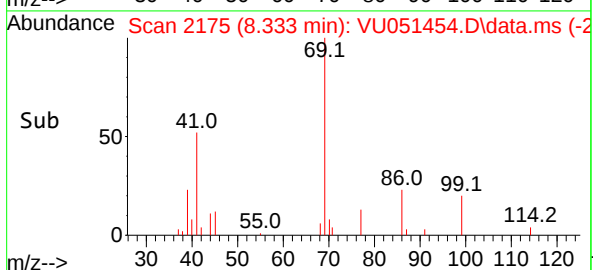
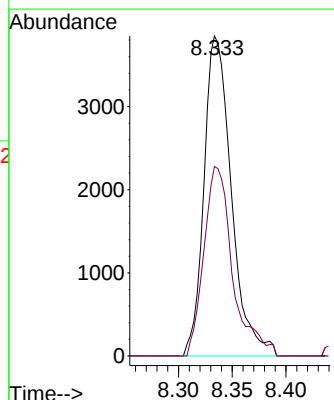
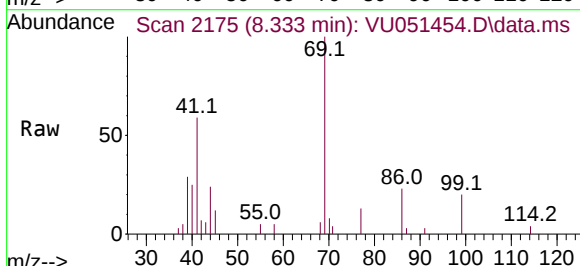
Acq: 19 Oct 2022 13:21

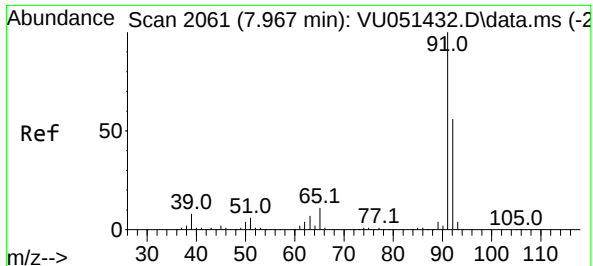
Tgt Ion: 69 Resp: 6827

Ion Ratio Lower Upper

69 100

41 62.1 28.8 86.5





#49

Toluene

Concen: 0.622 ug/l

RT: 7.967 min Scan# 2061

Delta R.T. 0.000 min

Lab File: VU051454.D

Acq: 19 Oct 2022 13:21

Instrument :

MSVOA_U

ClientSampleId :

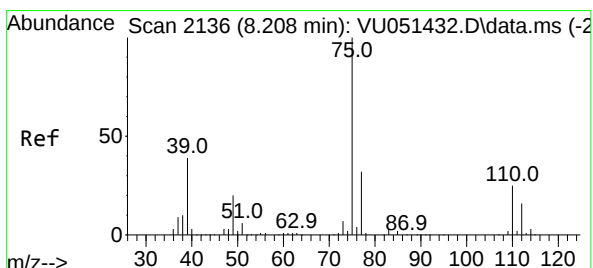
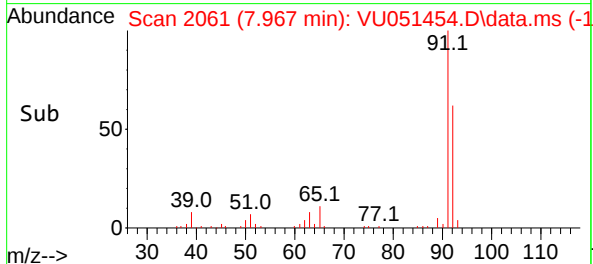
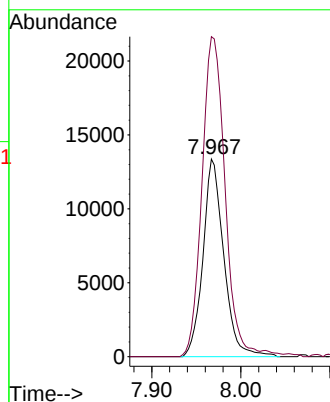
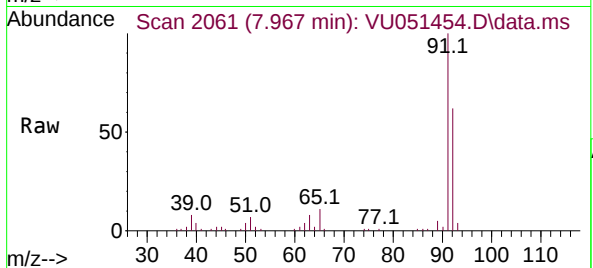
MDL-WATER-03-QT4-2022

Tgt Ion: 92 Resp: 21711

Ion Ratio Lower Upper

92 100

91 177.7 141.8 212.6



#50

t-1,3-Dichloropropene

Concen: 0.671 ug/l

RT: 8.211 min Scan# 2137

Delta R.T. 0.003 min

Lab File: VU051454.D

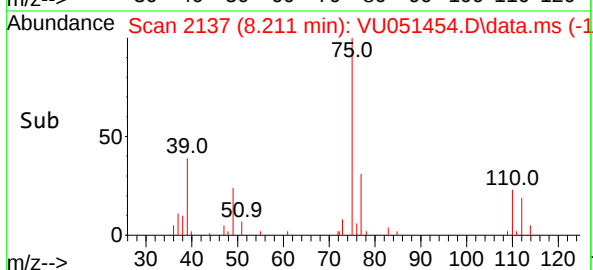
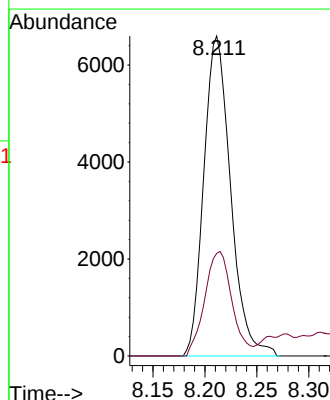
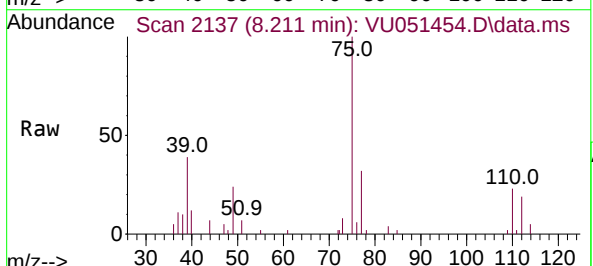
Acq: 19 Oct 2022 13:21

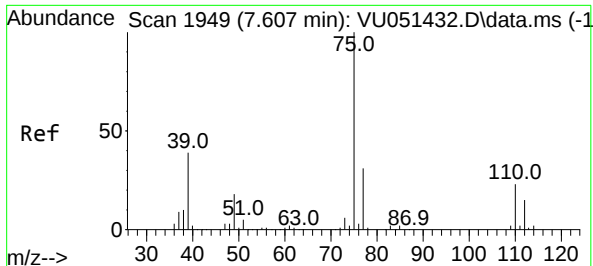
Tgt Ion: 75 Resp: 11839

Ion Ratio Lower Upper

75 100

77 32.1 25.8 38.6

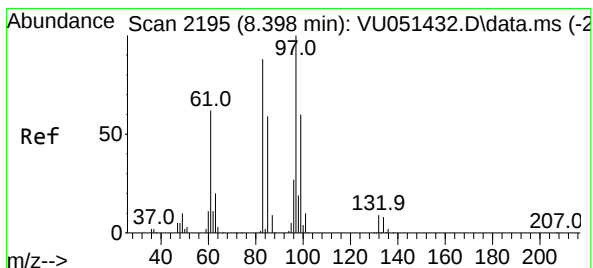
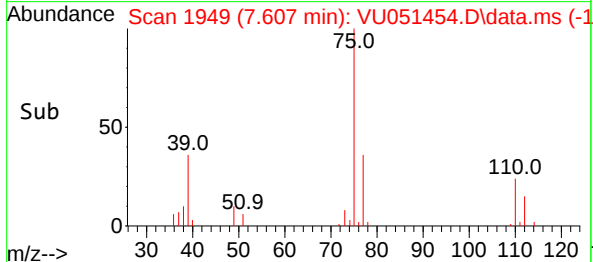
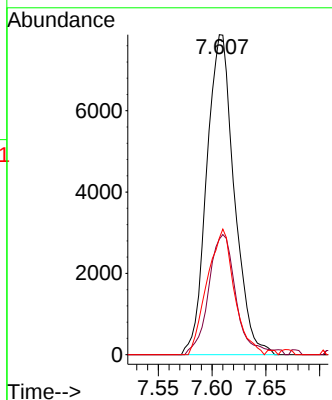
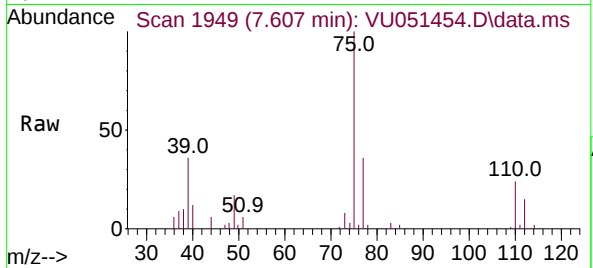




#51
 cis-1,3-Dichloropropene
 Concen: 0.673 ug/l
 RT: 7.607 min Scan# 1949
 Delta R.T. 0.000 min
 Lab File: VU051454.D
 Acq: 19 Oct 2022 13:21

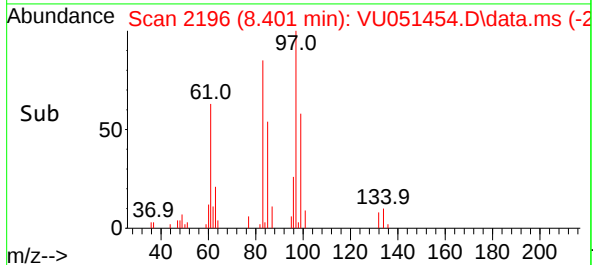
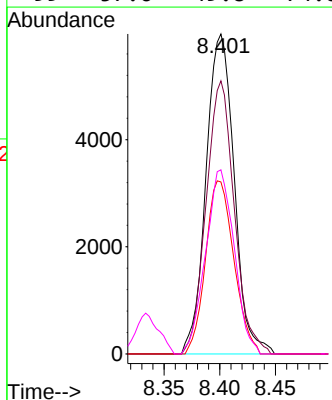
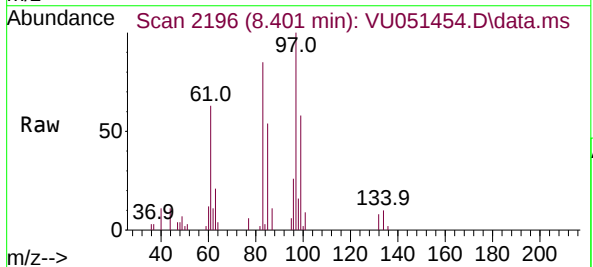
Instrument : MSVOA_U
 ClientSampleId : MDL-WATER-03-QT4-2022

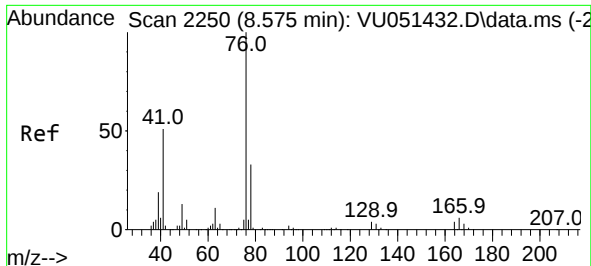
Tgt Ion:	75	Resp:	13993
Ion	Ratio	Lower	Upper
75	100		
77	36.1	25.1	37.7
39	36.4	31.4	47.0



#52
 1,1,2-Trichloroethane
 Concen: 0.812 ug/l
 RT: 8.401 min Scan# 2196
 Delta R.T. 0.003 min
 Lab File: VU051454.D
 Acq: 19 Oct 2022 13:21

Tgt Ion:	97	Resp:	10513
Ion	Ratio	Lower	Upper
97	100		
83	85.3	70.6	105.8
85	53.8	47.0	70.4
99	57.6	49.8	74.8





#53

1,3-Dichloropropane

Concen: 0.720 ug/l

RT: 8.575 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU051454.D

Acq: 19 Oct 2022 13:21

Instrument :

MSVOA_U

ClientSampleId :

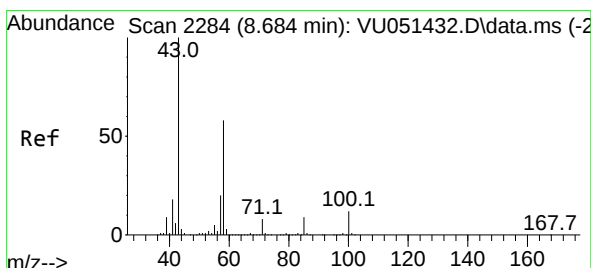
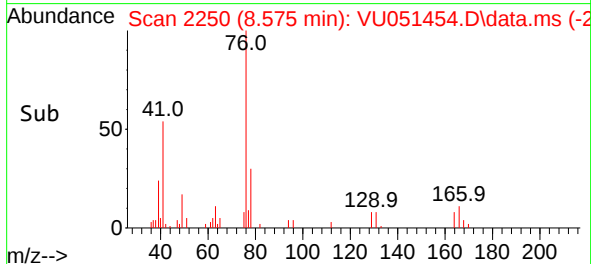
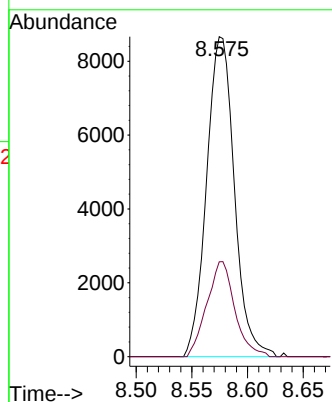
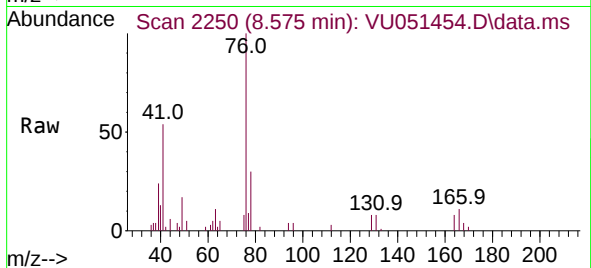
MDL-WATER-03-QT4-2022

Tgt Ion: 76 Resp: 15026

Ion Ratio Lower Upper

76 100

78 29.9 26.4 39.6



#54

2-Hexanone

Concen: 3.002 ug/l

RT: 8.687 min Scan# 2285

Delta R.T. 0.003 min

Lab File: VU051454.D

Acq: 19 Oct 2022 13:21

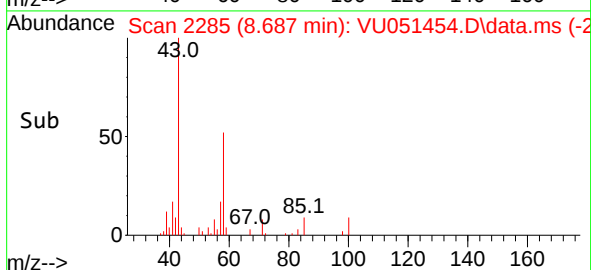
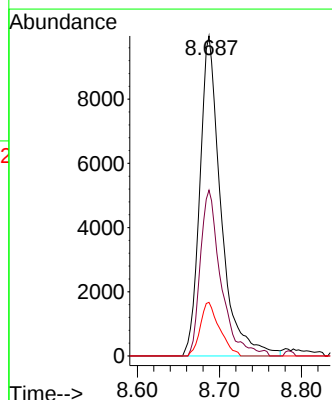
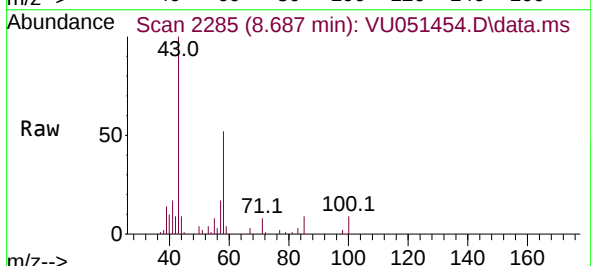
Tgt Ion: 43 Resp: 17816

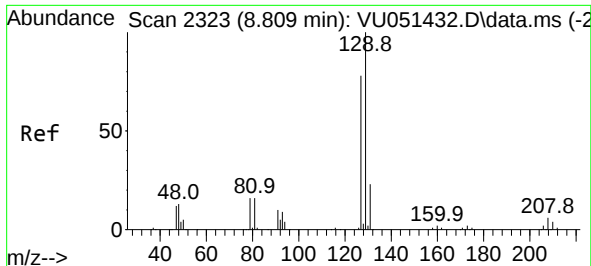
Ion Ratio Lower Upper

43 100

58 50.0 38.0 78.0

57 15.2 0.0 39.9

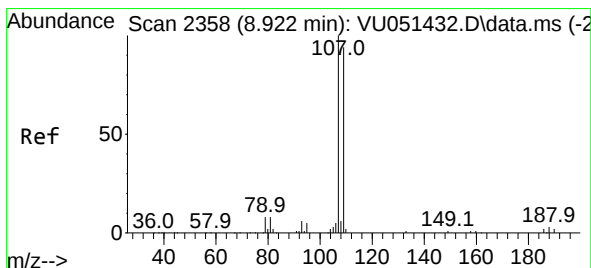
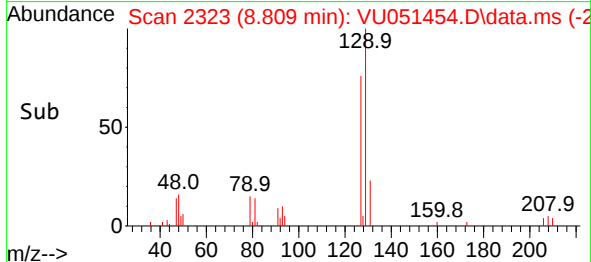
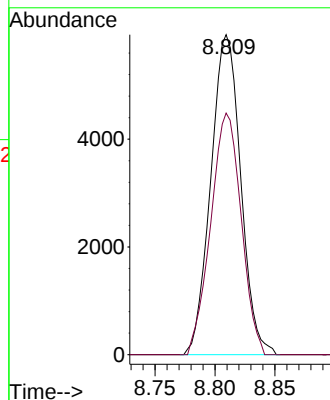
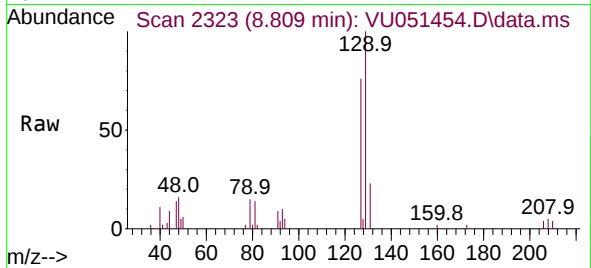




#55
Dibromochloromethane
Concen: 0.733 ug/l
RT: 8.809 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU051454.D
Acq: 19 Oct 2022 13:21

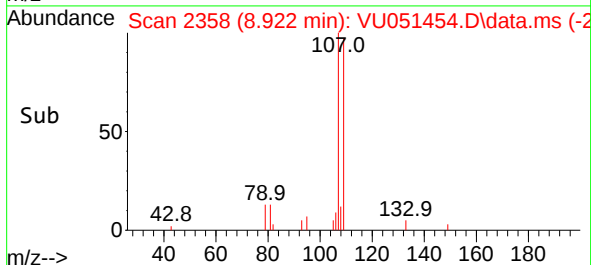
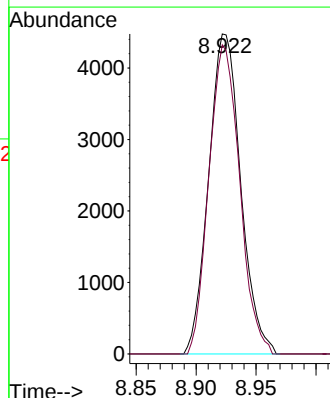
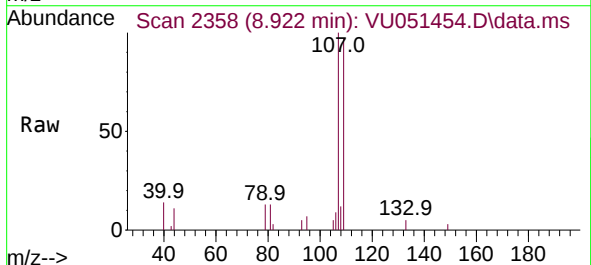
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT4-2022

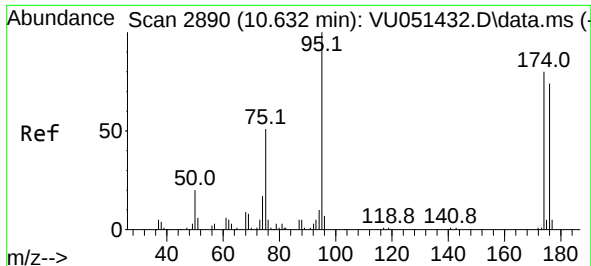
Tgt Ion:129 Resp: 10316
Ion Ratio Lower Upper
129 100
127 76.7 62.1 93.1



#56
1,2-Dibromoethane
Concen: 0.732 ug/l
RT: 8.922 min Scan# 2358
Delta R.T. 0.000 min
Lab File: VU051454.D
Acq: 19 Oct 2022 13:21

Tgt Ion:107 Resp: 8332
Ion Ratio Lower Upper
107 100
109 92.5 0.0 190.6





#57

4-Bromofluorobenzene

Concen: 0.841 ug/l

RT: 10.632 min Scan# 2890

Delta R.T. 0.000 min

Lab File: VU051454.D

Acq: 19 Oct 2022 13:21

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT4-2022

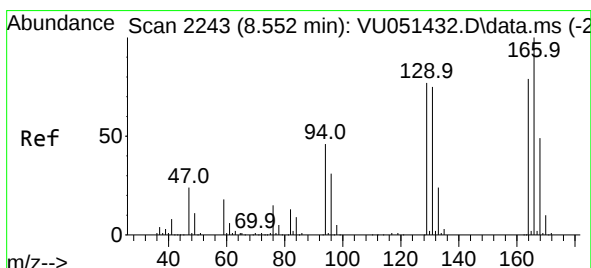
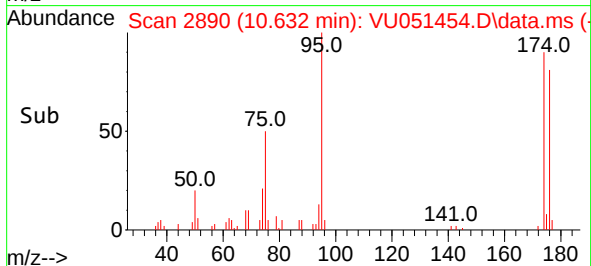
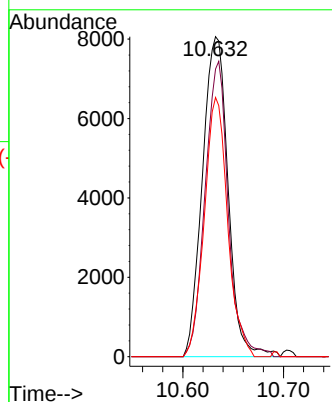
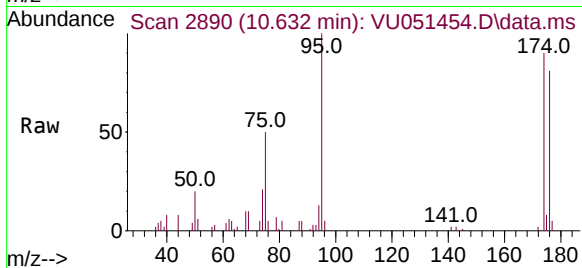
Tgt Ion: 95 Resp: 14287

Ion Ratio Lower Upper

95 100

174 83.7 63.0 94.6

176 73.7 59.8 89.6



#58

Tetrachloroethene

Concen: 0.716 ug/l

RT: 8.552 min Scan# 2243

Delta R.T. 0.000 min

Lab File: VU051454.D

Acq: 19 Oct 2022 13:21

Tgt Ion: 164 Resp: 9324

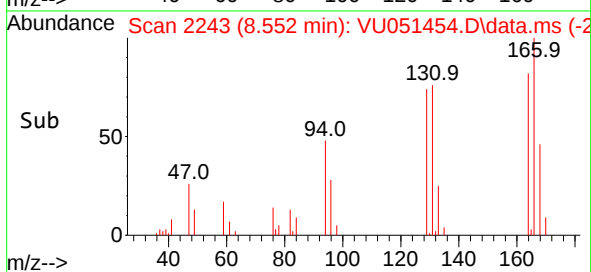
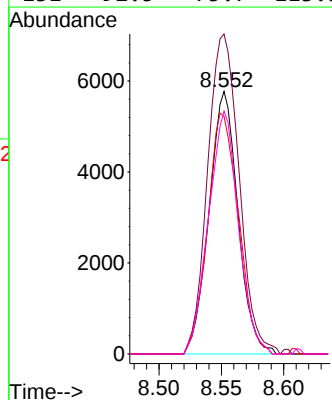
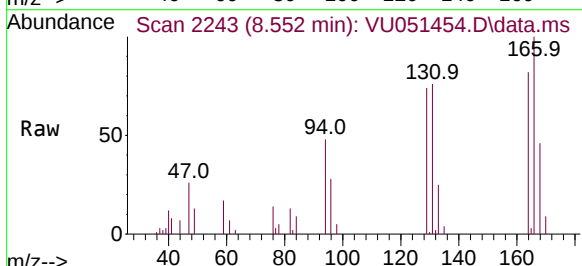
Ion Ratio Lower Upper

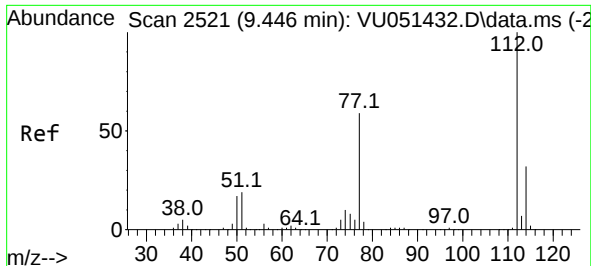
164 100

166 121.9 100.9 151.3

129 90.5 77.5 116.3

131 92.5 75.7 113.5





#59

Chlorobenzene

Concen: 0.681 ug/l

RT: 9.446 min Scan# 2521

Delta R.T. 0.000 min

Lab File: VU051454.D

Acq: 19 Oct 2022 13:21

Instrument :

MSVOA_U

ClientSampleId :

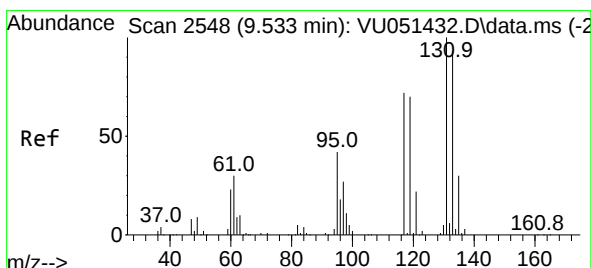
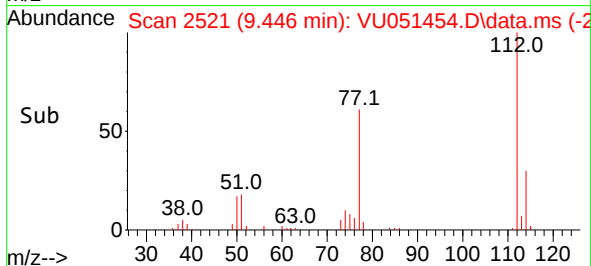
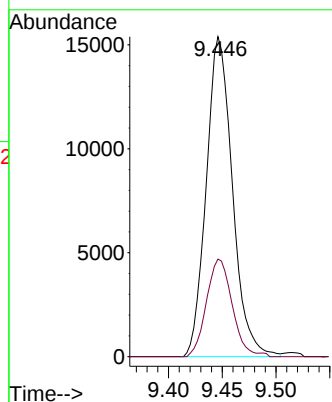
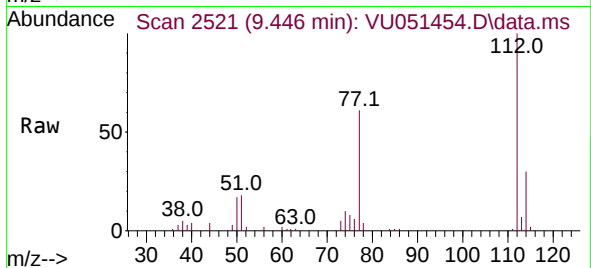
MDL-WATER-03-QT4-2022

Tgt Ion:112 Resp: 26096

Ion Ratio Lower Upper

112 100

114 30.5 25.8 38.6



#60

1,1,1,2-Tetrachloroethane

Concen: 0.754 ug/l

RT: 9.533 min Scan# 2548

Delta R.T. 0.000 min

Lab File: VU051454.D

Acq: 19 Oct 2022 13:21

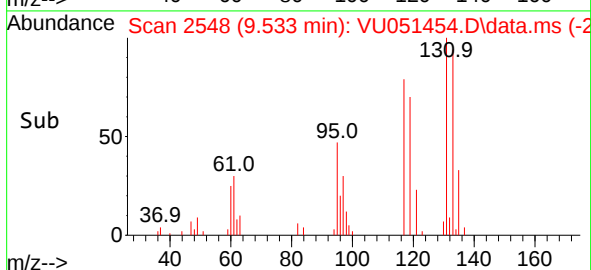
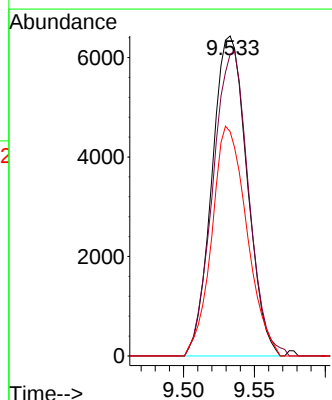
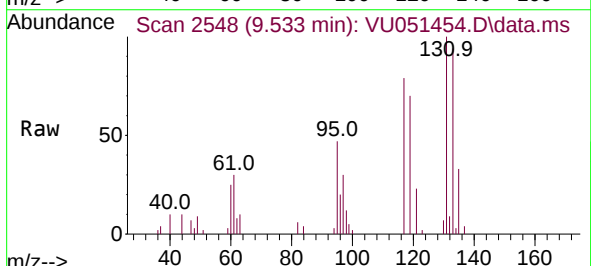
Tgt Ion:131 Resp: 11083

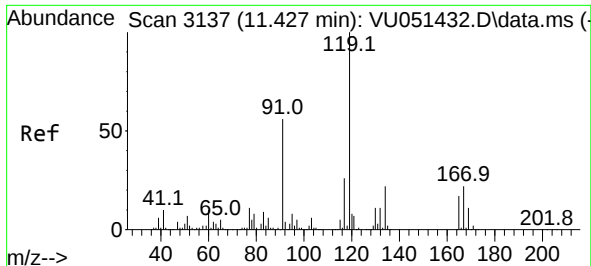
Ion Ratio Lower Upper

131 100

133 96.9 76.5 114.7

119 71.5 56.5 84.7

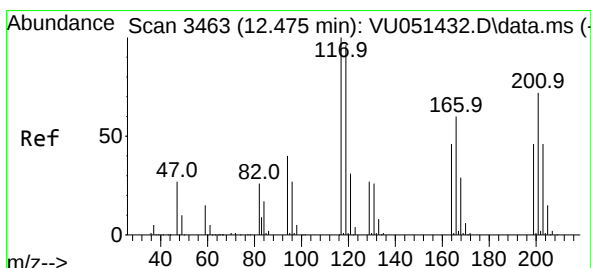
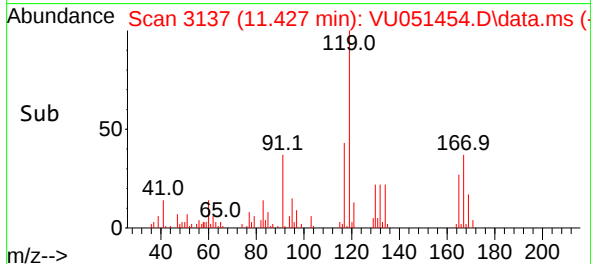
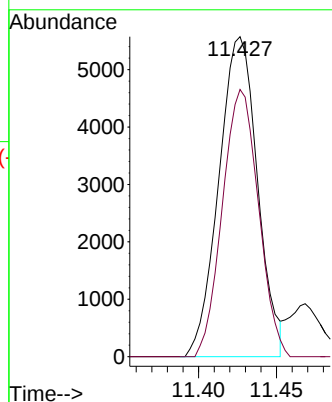
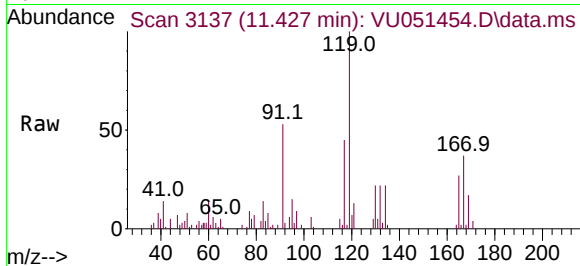




#61
Pentachloroethane
Concen: 0.735 ug/l
RT: 11.427 min Scan# 3137
Delta R.T. -0.000 min
Lab File: VU051454.D
Acq: 19 Oct 2022 13:21

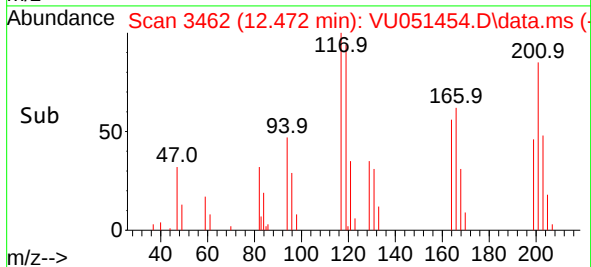
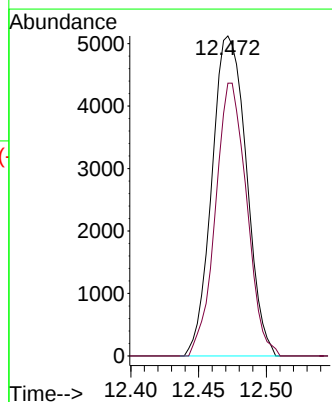
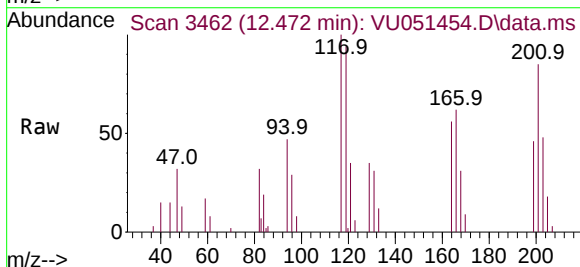
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT4-2022

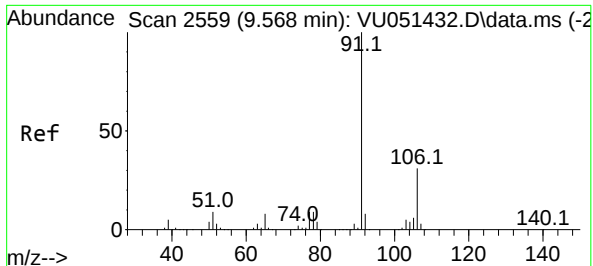
Tgt Ion:117 Resp: 9627
Ion Ratio Lower Upper
117 100
167 77.7 63.3 94.9



#62
Hexachloroethane
Concen: 0.729 ug/l
RT: 12.472 min Scan# 3462
Delta R.T. -0.003 min
Lab File: VU051454.D
Acq: 19 Oct 2022 13:21

Tgt Ion:117 Resp: 9058
Ion Ratio Lower Upper
117 100
201 77.2 57.4 86.2

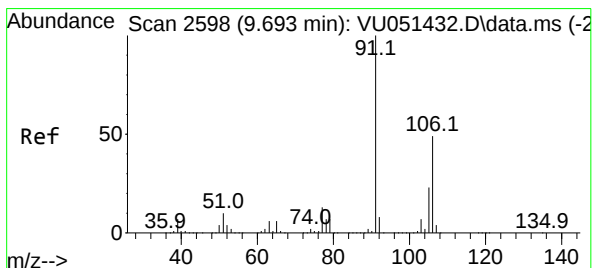
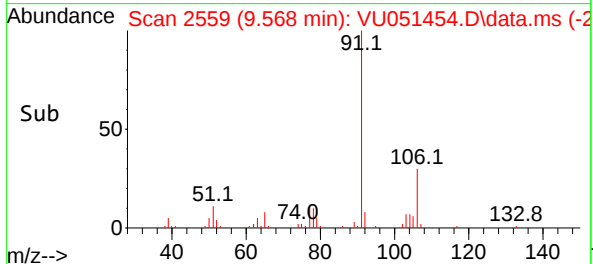
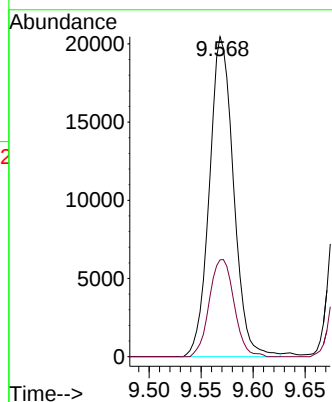
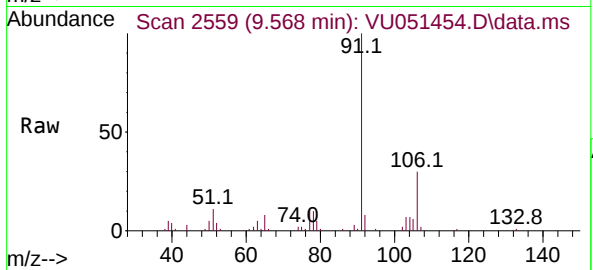




#63
Ethyl Benzene
Concen: 0.569 ug/l
RT: 9.568 min Scan# 2559
Delta R.T. 0.000 min
Lab File: VU051454.D
Acq: 19 Oct 2022 13:21

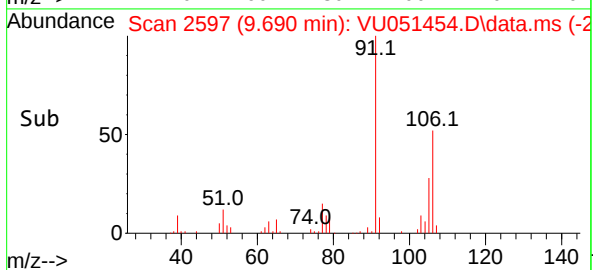
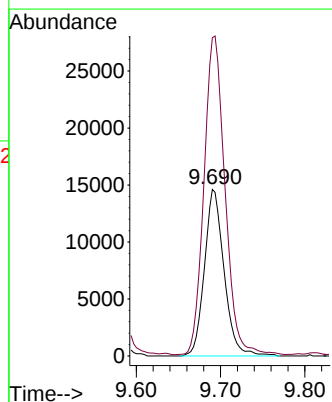
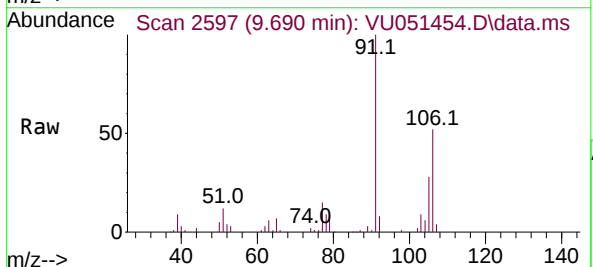
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT4-2022

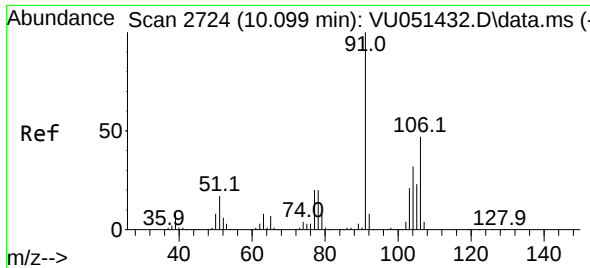
Tgt Ion: 91 Resp: 33076
Ion Ratio Lower Upper
91 100
106 30.2 24.9 37.3



#64
m/p-Xylenes
Concen: 1.024 ug/l
RT: 9.690 min Scan# 2597
Delta R.T. -0.003 min
Lab File: VU051454.D
Acq: 19 Oct 2022 13:21

Tgt Ion: 106 Resp: 23726
Ion Ratio Lower Upper
106 100
91 204.2 163.2 244.8

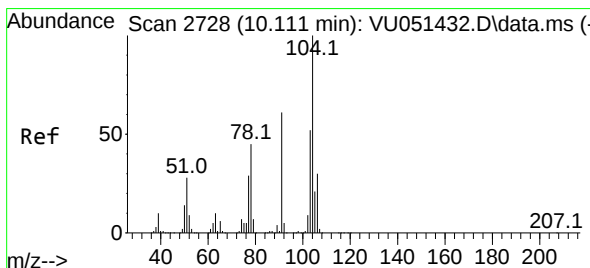
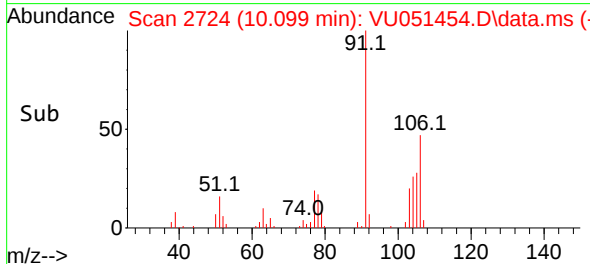
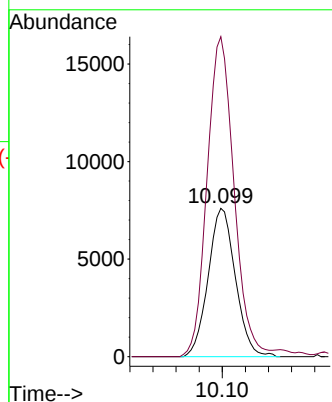
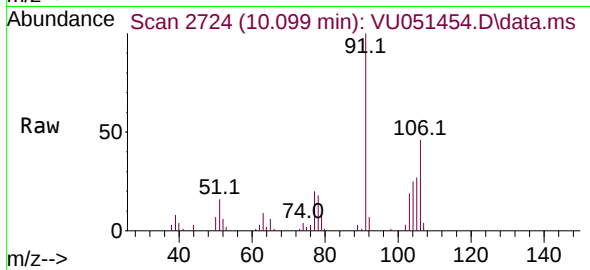




#65
o-Xylene
Concen: 0.552 ug/l
RT: 10.099 min Scan# 2724
Delta R.T. -0.000 min
Lab File: VU051454.D
Acq: 19 Oct 2022 13:21

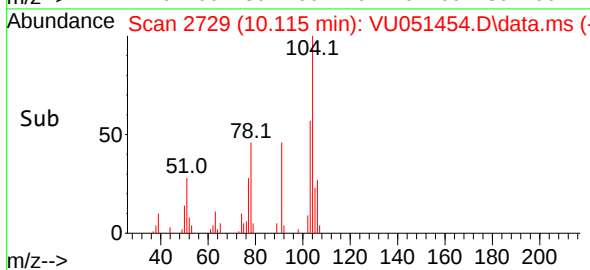
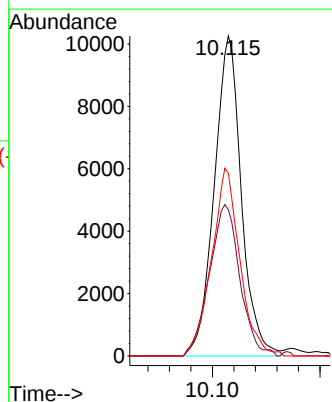
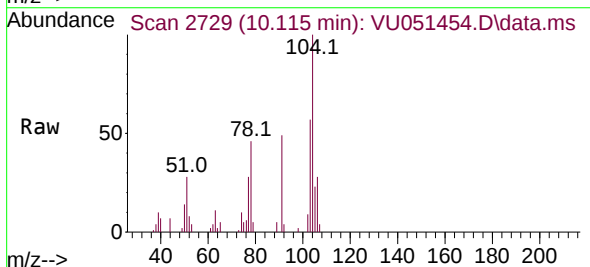
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT4-2022

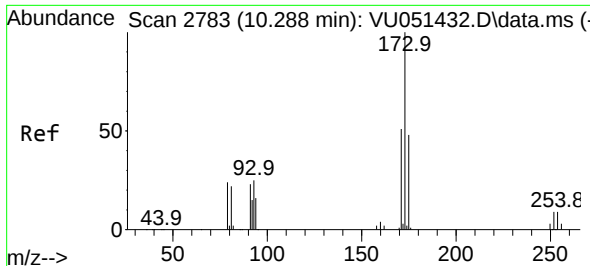
Tgt Ion:106 Resp: 12437
Ion Ratio Lower Upper
106 100
91 213.4 107.1 321.3



#66
Styrene
Concen: 0.480 ug/l
RT: 10.115 min Scan# 2729
Delta R.T. 0.004 min
Lab File: VU051454.D
Acq: 19 Oct 2022 13:21

Tgt Ion:104 Resp: 17950
Ion Ratio Lower Upper
104 100
78 53.0 39.7 59.5
103 61.2 44.4 66.6

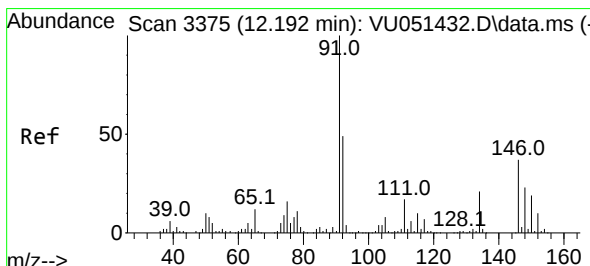
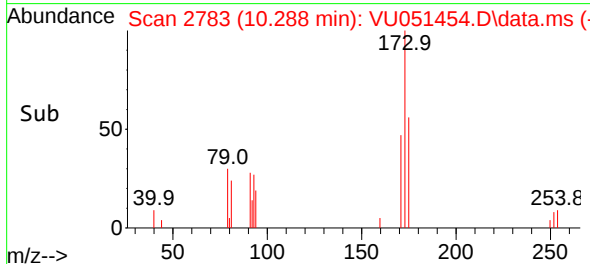
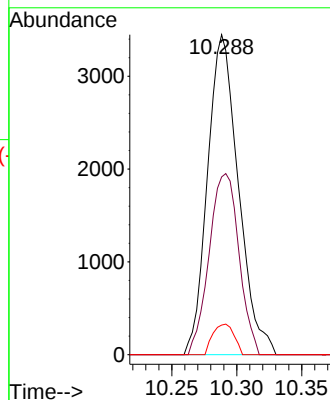
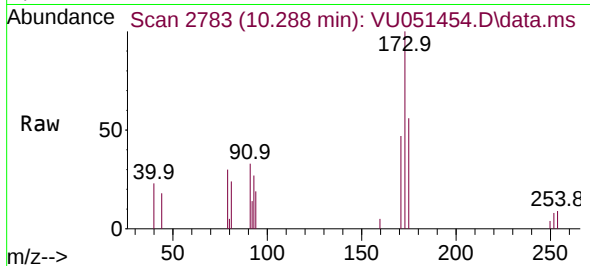




#67
Bromoform
Concen: 0.721 ug/l
RT: 10.288 min Scan# 2783
Delta R.T. 0.000 min
Lab File: VU051454.D
Acq: 19 Oct 2022 13:21

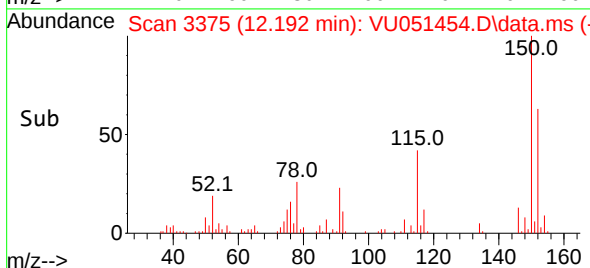
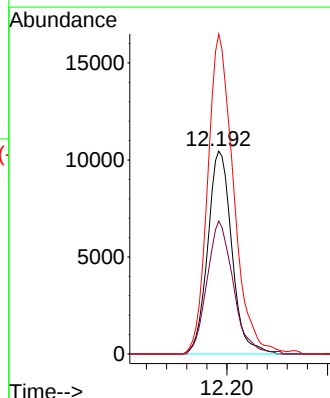
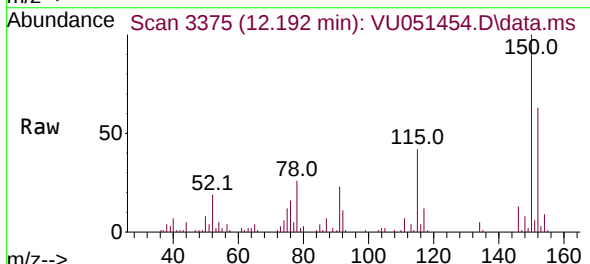
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT4-2022

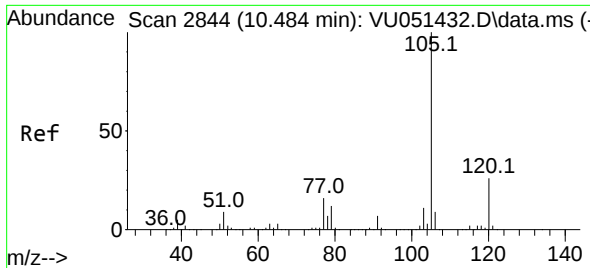
Tgt Ion:173 Resp: 5694
Ion Ratio Lower Upper
173 100
175 54.6 38.6 58.0
254 6.6 7.3 10.9#



#68
1,2-Dichlorobenzene-d4
Concen: 0.915 ug/l
RT: 12.192 min Scan# 3375
Delta R.T. 0.000 min
Lab File: VU051454.D
Acq: 19 Oct 2022 13:21

Tgt Ion:152 Resp: 17372
Ion Ratio Lower Upper
152 100
115 71.4 0.0 333.0
150 169.5 0.0 662.0





#69

Isopropylbenzene

Concen: 0.547 ug/l

RT: 10.481 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU051454.D

Acq: 19 Oct 2022 13:21

Instrument :

MSVOA_U

ClientSampleId :

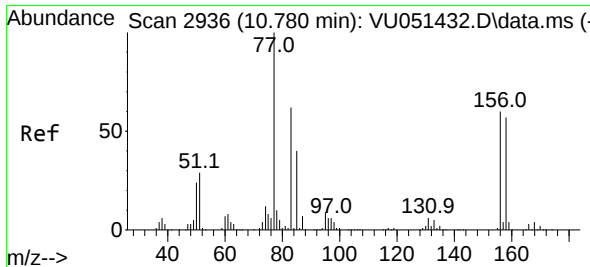
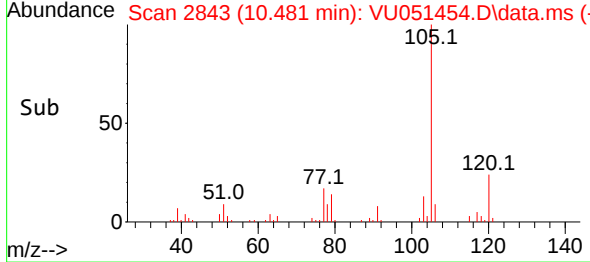
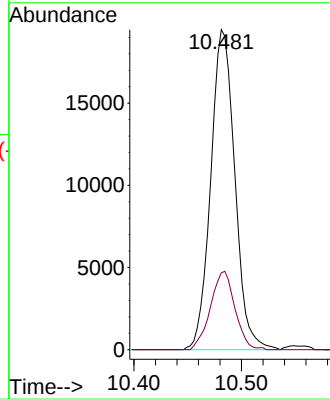
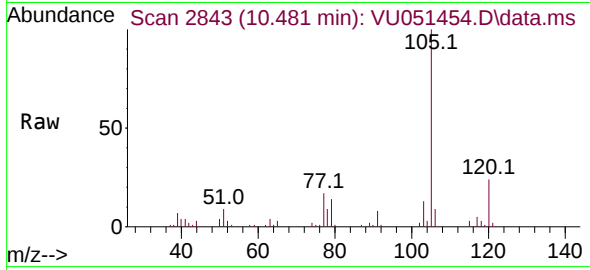
MDL-WATER-03-QT4-2022

Tgt Ion:105 Resp: 30333

Ion Ratio Lower Upper

105 100

120 24.9 13.0 39.0



#70

1,1,2,2-Tetrachloroethane

Concen: 0.727 ug/l

RT: 10.784 min Scan# 2937

Delta R.T. 0.003 min

Lab File: VU051454.D

Acq: 19 Oct 2022 13:21

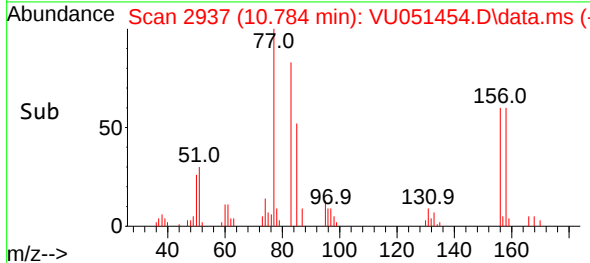
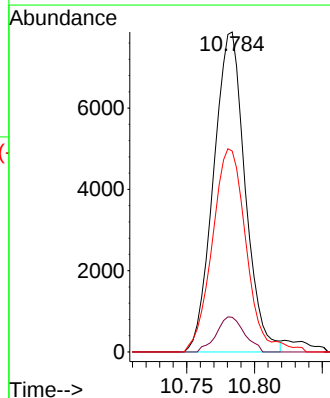
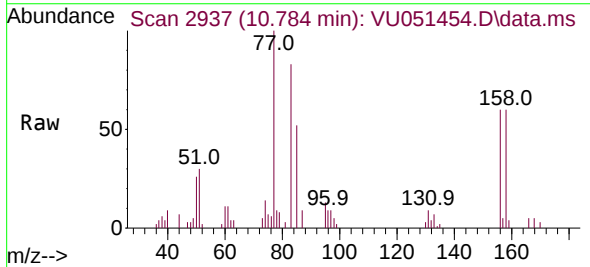
Tgt Ion: 83 Resp: 12737

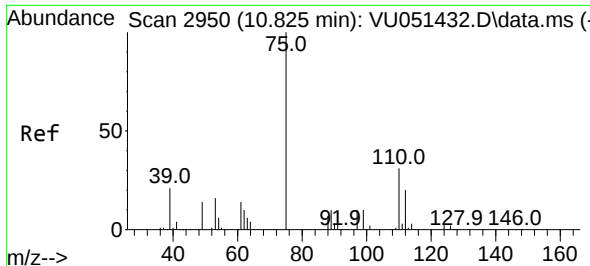
Ion Ratio Lower Upper

83 100

131 9.7 7.2 10.8

85 68.4 51.4 77.2

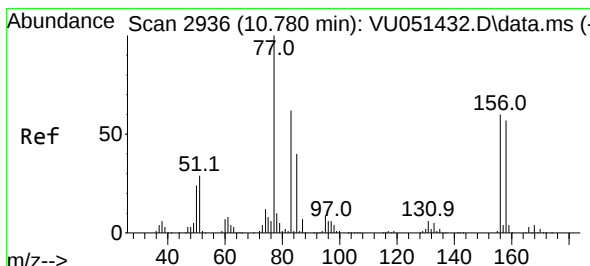
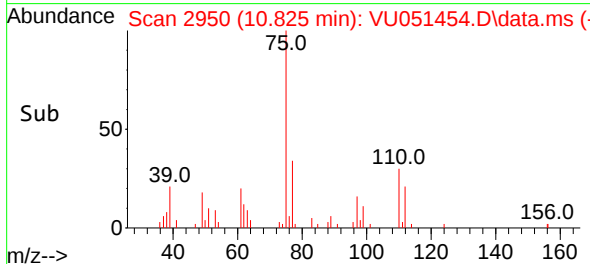
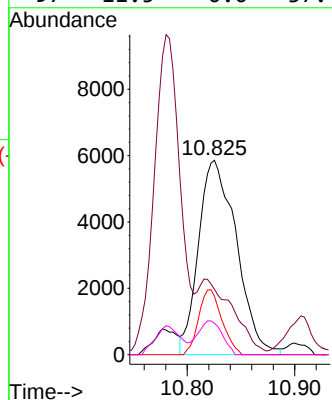
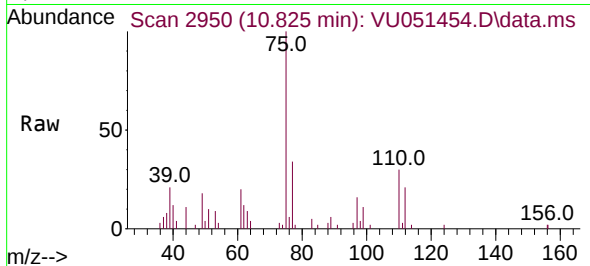




#71
1,2,3-Trichloropropane
Concen: 1.104 ug/l
RT: 10.825 min Scan# 2950
Delta R.T. 0.000 min
Lab File: VU051454.D
Acq: 19 Oct 2022 13:21

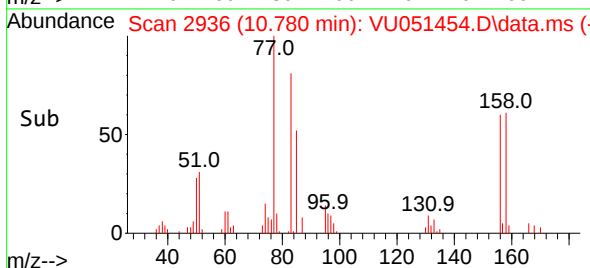
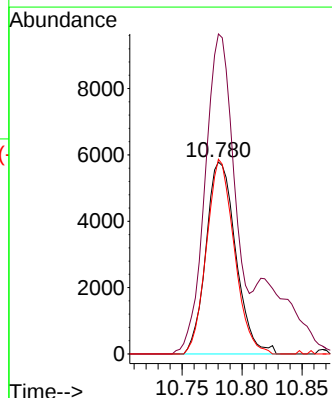
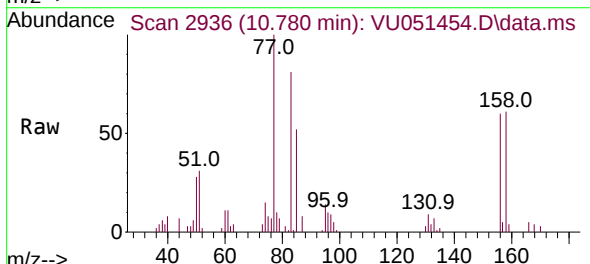
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT4-2022

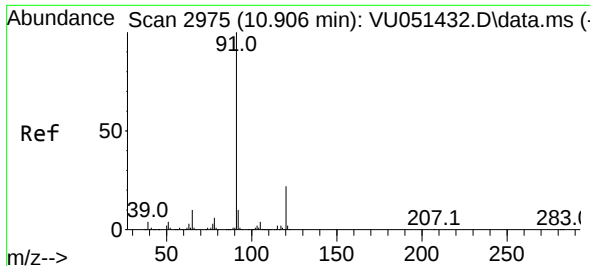
Tgt Ion:	75	Resp:	14360
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	111.0
110	20.4	0.0	70.2
97	11.5	0.0	37.4



#72
Bromobenzene
Concen: 0.656 ug/l
RT: 10.780 min Scan# 2936
Delta R.T. 0.000 min
Lab File: VU051454.D
Acq: 19 Oct 2022 13:21

Tgt Ion:	156	Resp:	9999
Ion	Ratio	Lower	Upper
156	100		
77	163.7	0.0	343.4
158	94.6	0.0	195.6

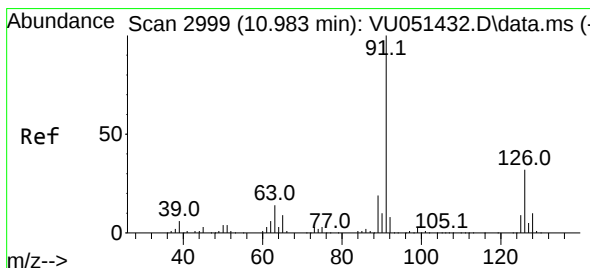
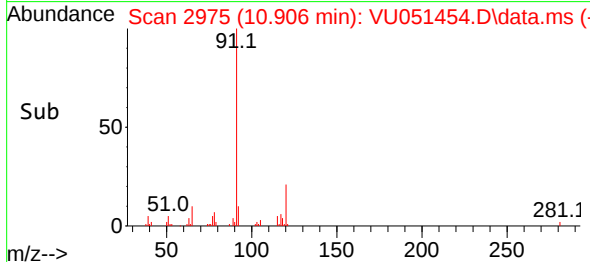
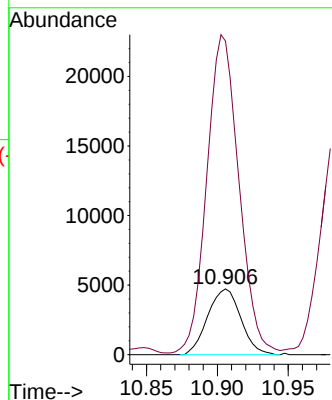
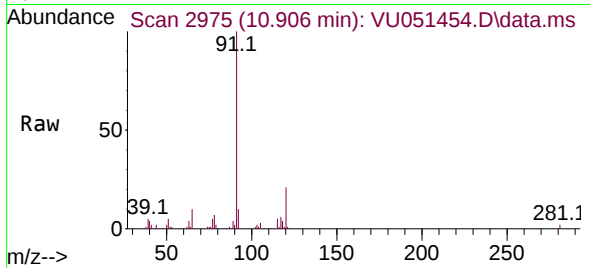




#73
n-propylbenzene
Concen: 0.491 ug/l
RT: 10.906 min Scan# 2975
Delta R.T. -0.000 min
Lab File: VU051454.D
Acq: 19 Oct 2022 13:21

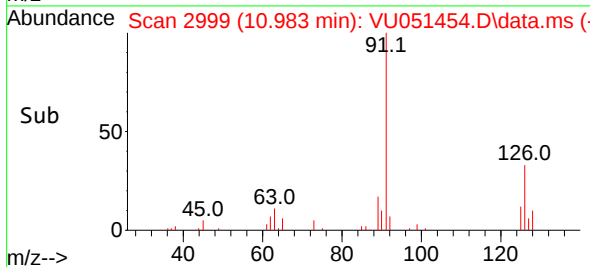
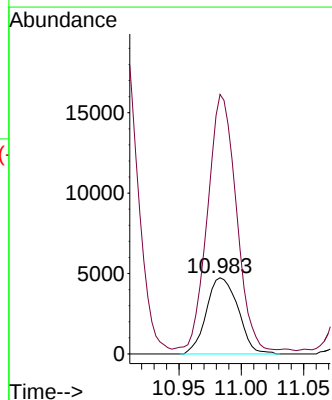
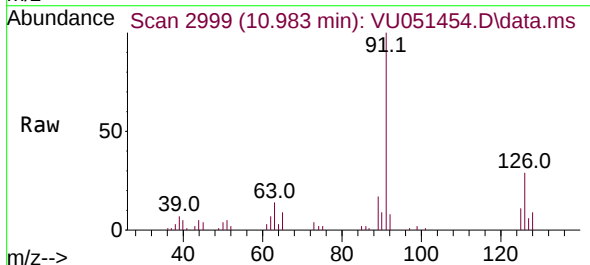
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT4-2022

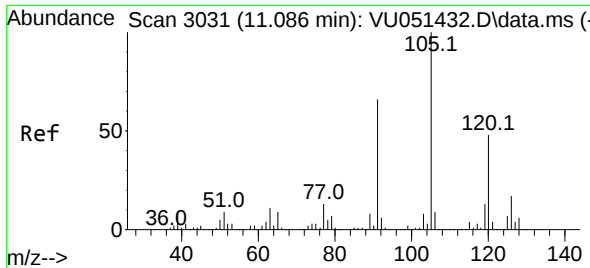
Tgt Ion:120 Resp: 7664
Ion Ratio Lower Upper
120 100
91 469.5 362.3 543.5



#74
2-Chlorotoluene
Concen: 0.564 ug/l
RT: 10.983 min Scan# 2999
Delta R.T. 0.000 min
Lab File: VU051454.D
Acq: 19 Oct 2022 13:21

Tgt Ion:126 Resp: 8371
Ion Ratio Lower Upper
126 100
91 303.9 0.0 623.2

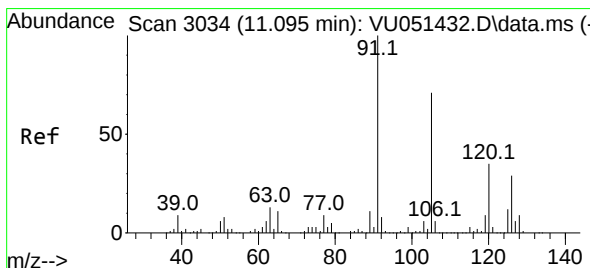
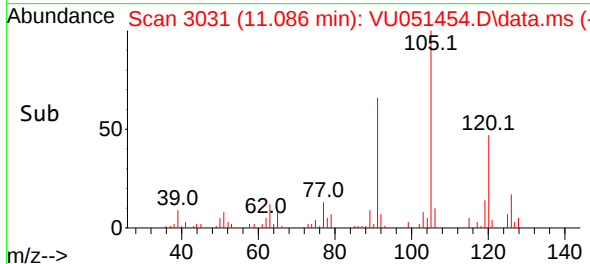
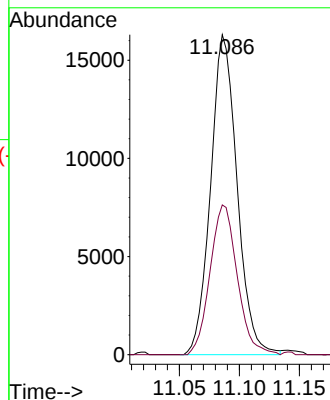
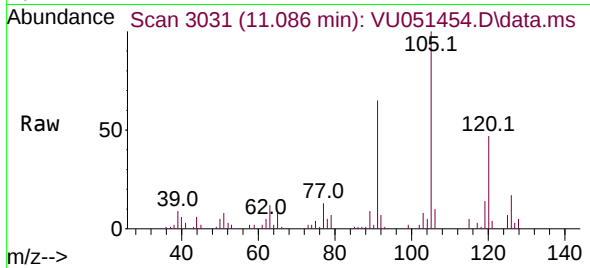




#75
1,3,5-Trimethylbenzene
Concen: 0.497 ug/l
RT: 11.086 min Scan# 3031
Delta R.T. -0.000 min
Lab File: VU051454.D
Acq: 19 Oct 2022 13:21

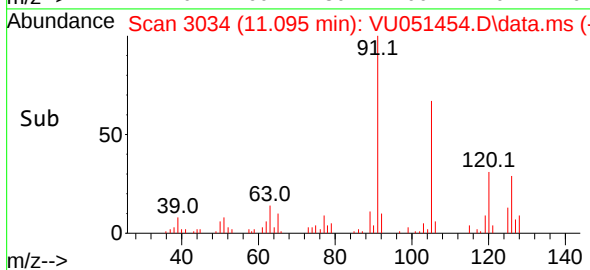
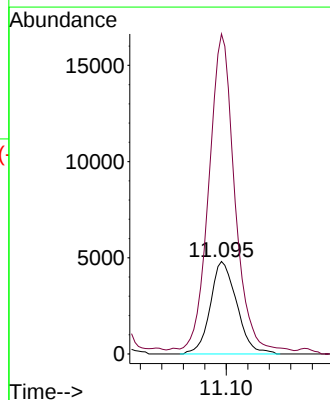
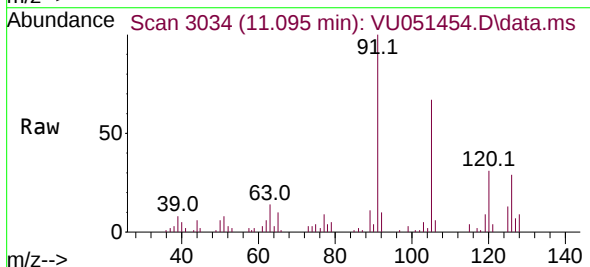
Instrument : MSVOA_U
ClientSampleId : MDL-WATER-03-QT4-2022

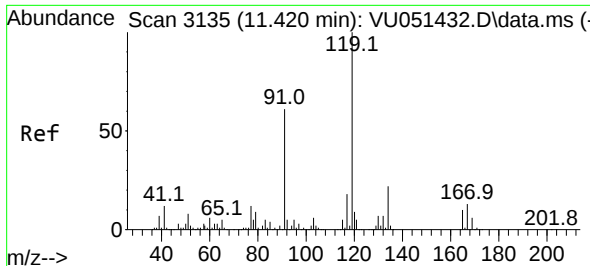
Tgt Ion:105 Resp: 25020
Ion Ratio Lower Upper
105 100
120 48.1 38.2 57.4



#76
4-Chlorotoluene
Concen: 0.540 ug/l
RT: 11.095 min Scan# 3034
Delta R.T. 0.000 min
Lab File: VU051454.D
Acq: 19 Oct 2022 13:21

Tgt Ion:126 Resp: 8206
Ion Ratio Lower Upper
126 100
91 335.1 0.0 717.6

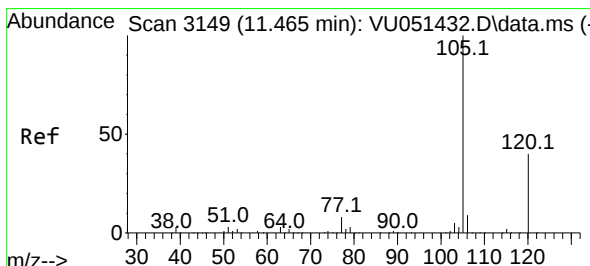
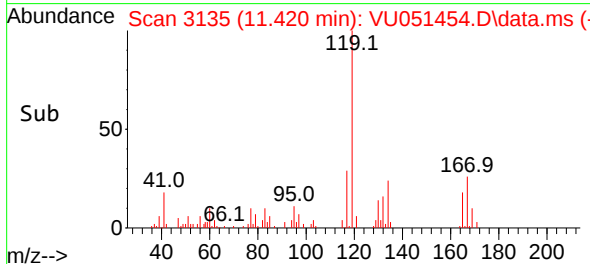
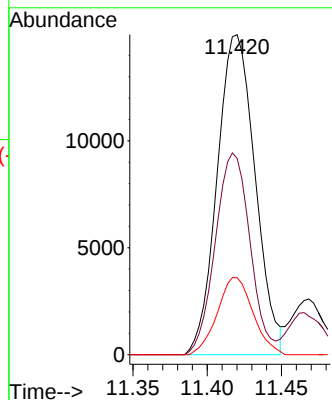
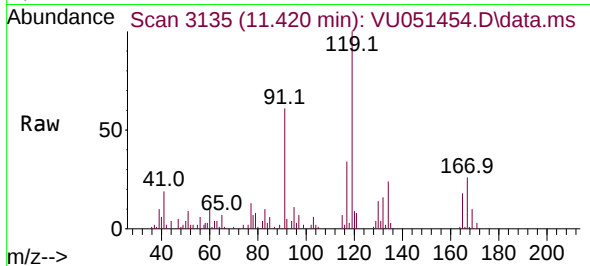




#77
 tert-Butylbenzene
 Concen: 0.542 ug/l
 RT: 11.420 min Scan# 3135
 Delta R.T. 0.000 min
 Lab File: VU051454.D
 Acq: 19 Oct 2022 13:21

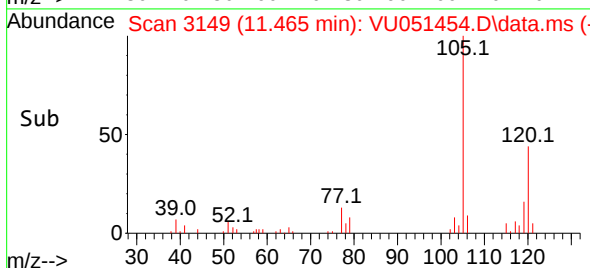
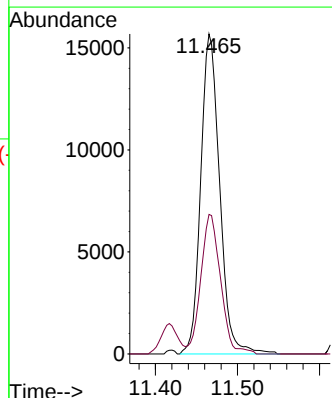
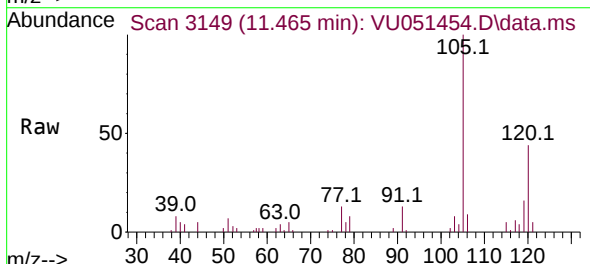
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-03-QT4-2022

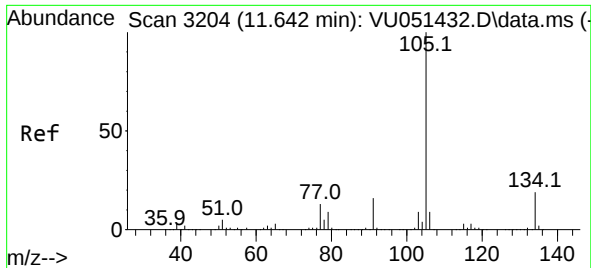
Tgt Ion:	119	Resp:	26641
Ion Ratio	Lower	Upper	
119	100		
91	57.7	29.8	89.5
134	22.7	17.9	26.9



#78
 1,2,4-Trimethylbenzene
 Concen: 0.481 ug/l
 RT: 11.465 min Scan# 3149
 Delta R.T. 0.000 min
 Lab File: VU051454.D
 Acq: 19 Oct 2022 13:21

Tgt Ion:	105	Resp:	25190
Ion Ratio	Lower	Upper	
105	100		
120	45.6	22.1	66.3

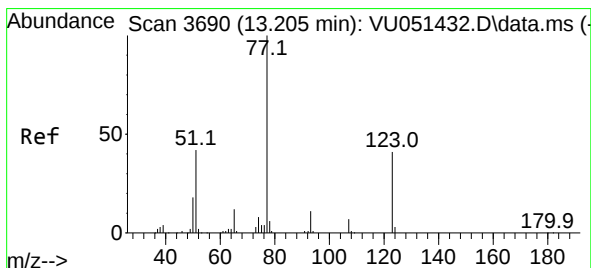
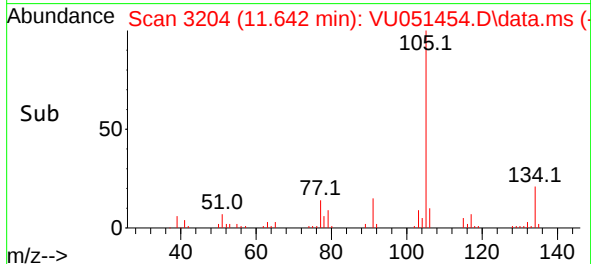
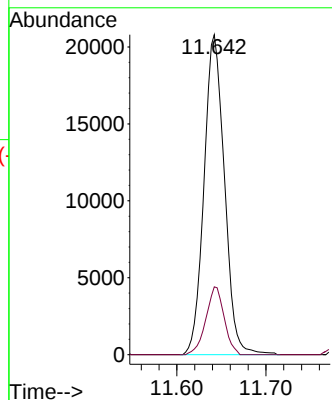
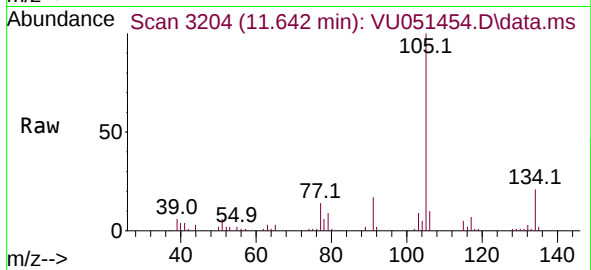




#79
 sec-Butylbenzene
 Concen: 0.510 ug/l
 RT: 11.642 min Scan# 3154
 Delta R.T. 0.000 min
 Lab File: VU051454.D
 Acq: 19 Oct 2022 13:21

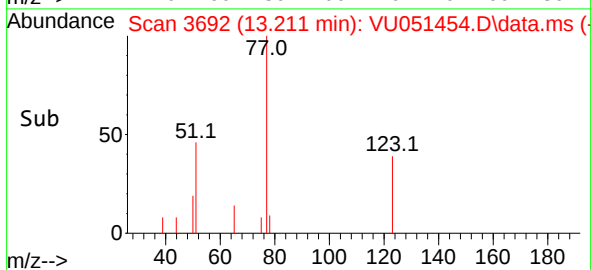
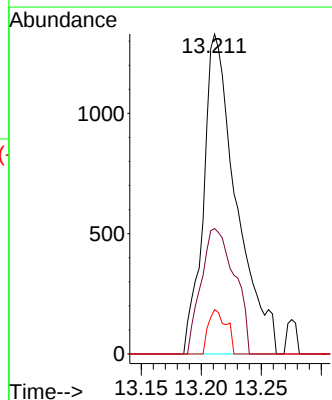
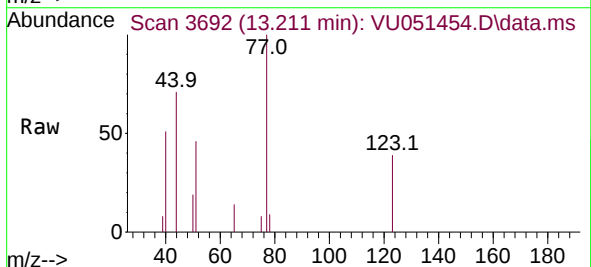
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-03-QT4-2022

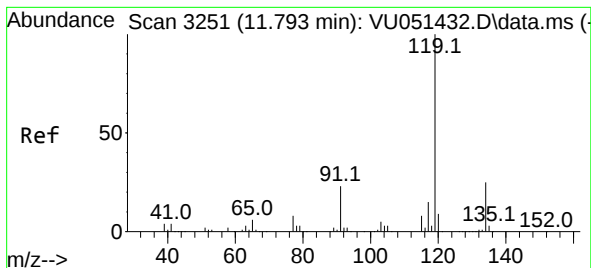
Tgt Ion:105 Resp: 33154
 Ion Ratio Lower Upper
 105 100
 134 19.0 15.2 22.8



#80
 Nitrobenzene
 Concen: 2.924 ug/l
 RT: 13.211 min Scan# 3692
 Delta R.T. 0.007 min
 Lab File: VU051454.D
 Acq: 19 Oct 2022 13:21

Tgt Ion: 77 Resp: 2535
 Ion Ratio Lower Upper
 77 100
 123 39.8 17.5 62.1
 65 7.5 11.1 14.1#





#81

p-Isopropyltoluene

Concen: 0.492 ug/l

RT: 11.790 min Scan# 3251

Delta R.T. -0.003 min

Lab File: VU051454.D

Acq: 19 Oct 2022 13:21

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT4-2022

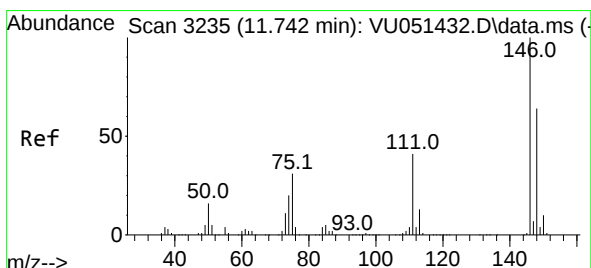
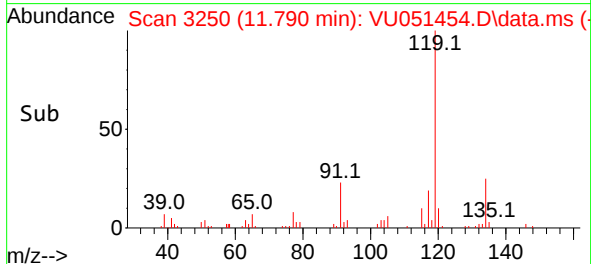
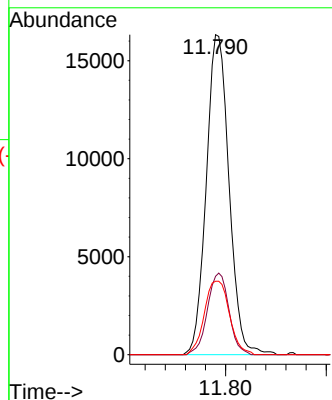
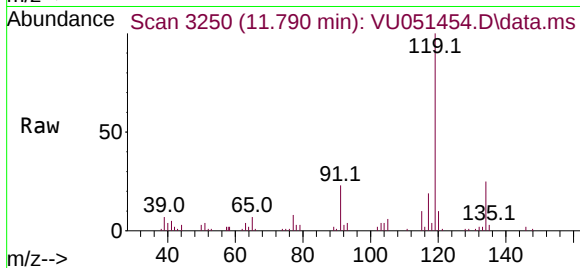
Tgt Ion:119 Resp: 25614

Ion Ratio Lower Upper

119 100

134 24.1 20.3 30.5

91 25.4 18.6 27.8



#82

1,3-Dichlorobenzene

Concen: 0.659 ug/l

RT: 11.745 min Scan# 3236

Delta R.T. 0.003 min

Lab File: VU051454.D

Acq: 19 Oct 2022 13:21

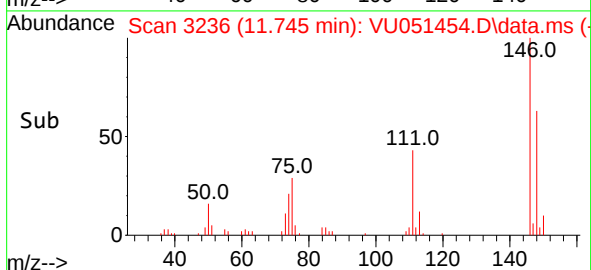
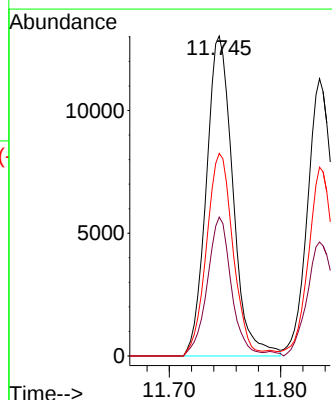
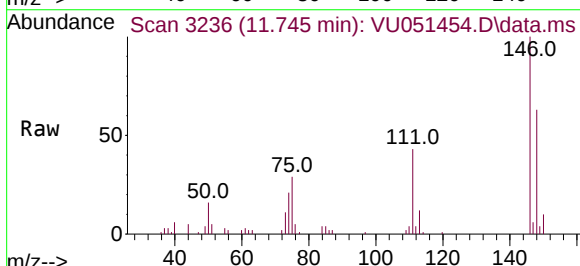
Tgt Ion:146 Resp: 21582

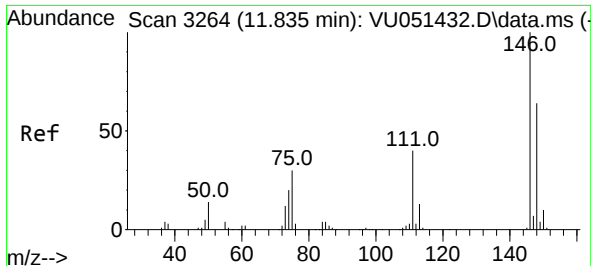
Ion Ratio Lower Upper

146 100

111 39.3 33.4 50.0

148 63.2 51.0 76.6

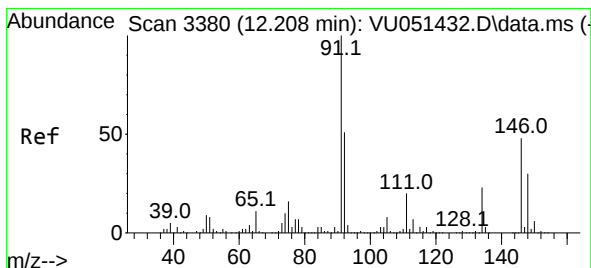
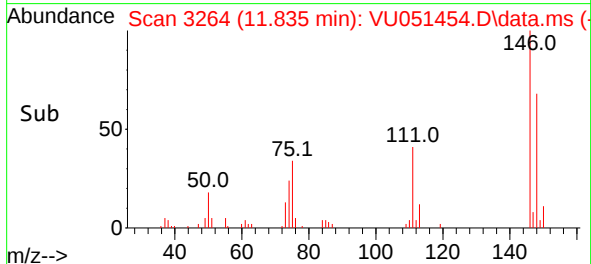
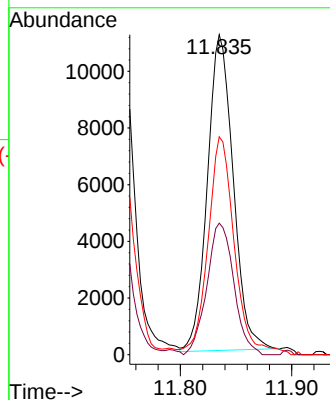
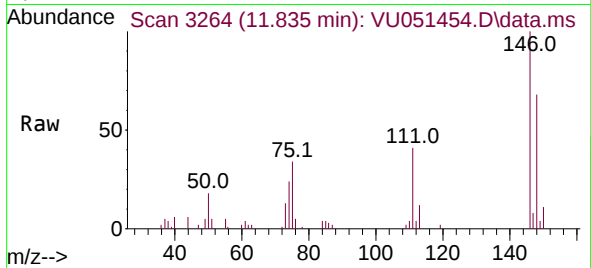




#83
1,4-Dichlorobenzene
Concen: 0.560 ug/l
RT: 11.835 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU051454.D
Acq: 19 Oct 2022 13:21

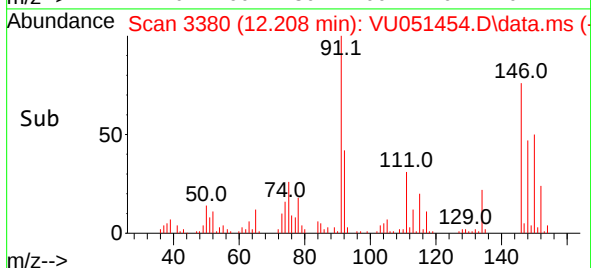
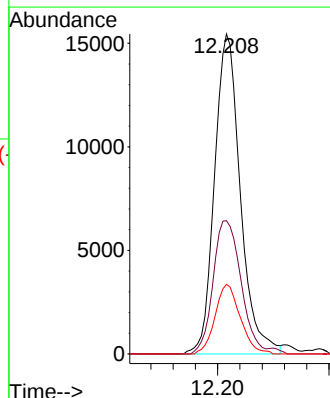
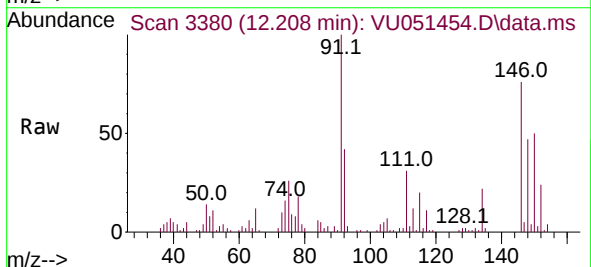
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT4-2022

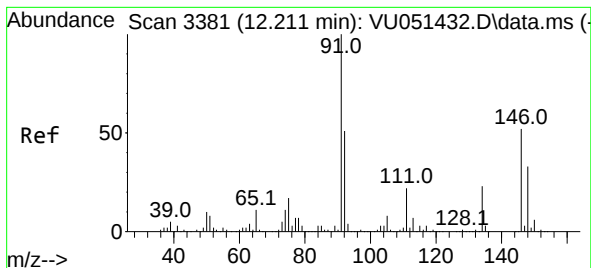
Tgt Ion:146 Resp: 17959
Ion Ratio Lower Upper
146 100
111 43.4 31.6 47.4
148 70.8 50.5 75.7



#84
n-Butylbenzene
Concen: 0.481 ug/l
RT: 12.208 min Scan# 3380
Delta R.T. -0.000 min
Lab File: VU051454.D
Acq: 19 Oct 2022 13:21

Tgt Ion: 91 Resp: 24830
Ion Ratio Lower Upper
91 100
92 45.7 40.6 61.0
134 21.2 18.3 27.5





#85

1,2-Dichlorobenzene

Concen: 0.638 ug/l

RT: 12.211 min Scan# 3381

Delta R.T. 0.000 min

Lab File: VU051454.D

Acq: 19 Oct 2022 13:21

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT4-2022

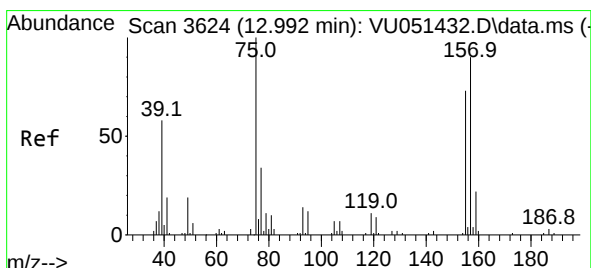
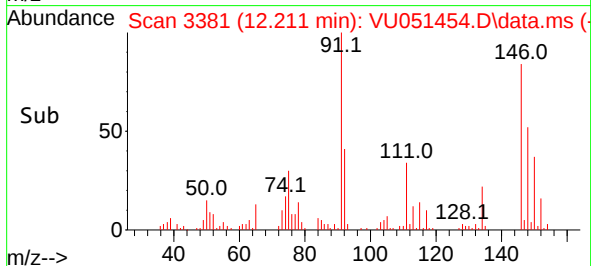
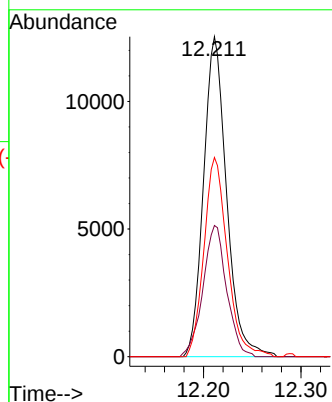
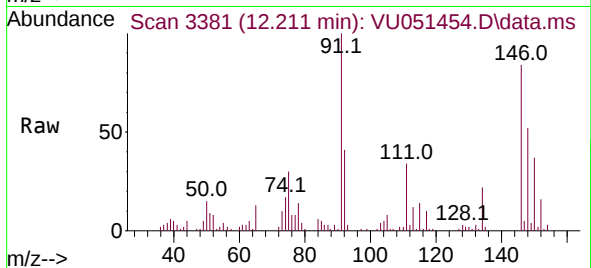
Tgt Ion:146 Resp: 20581

Ion Ratio Lower Upper

146 100

111 42.1 21.3 63.9

148 63.3 31.8 95.4



#86

1,2-Dibromo-3-Chloropropane

Concen: 0.722 ug/l

RT: 12.996 min Scan# 3625

Delta R.T. 0.003 min

Lab File: VU051454.D

Acq: 19 Oct 2022 13:21

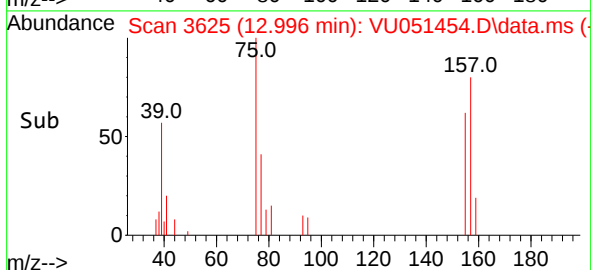
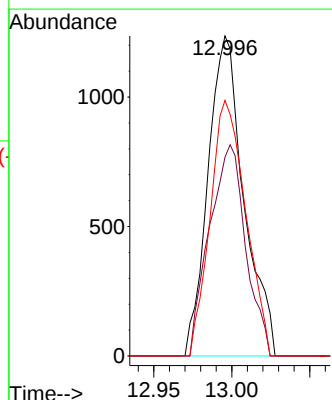
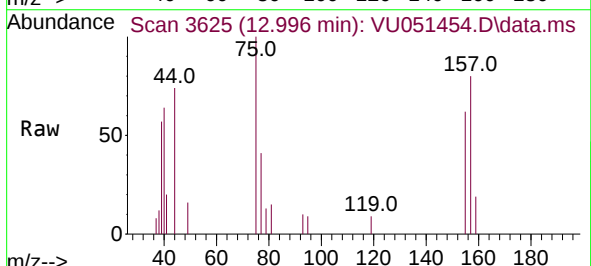
Tgt Ion: 75 Resp: 1976

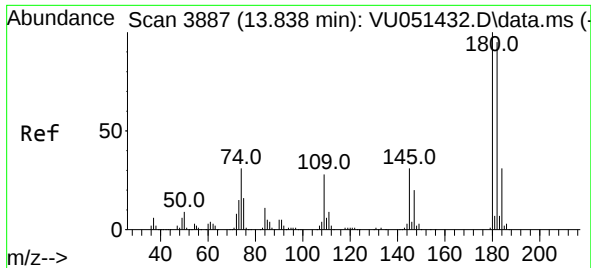
Ion Ratio Lower Upper

75 100

155 66.6 58.5 87.7

157 79.1 75.3 112.9

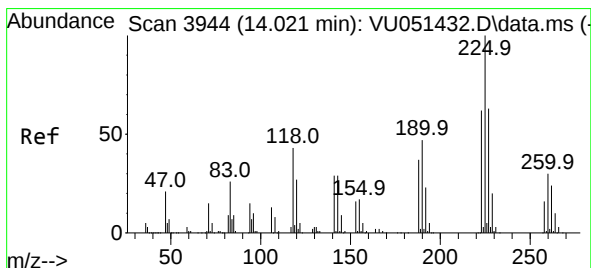
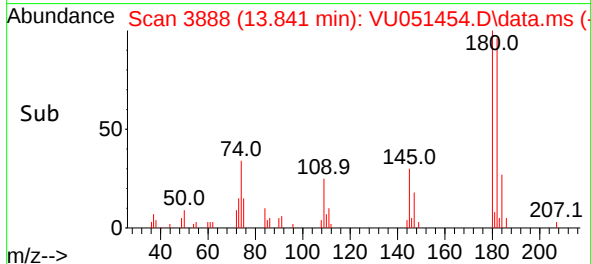
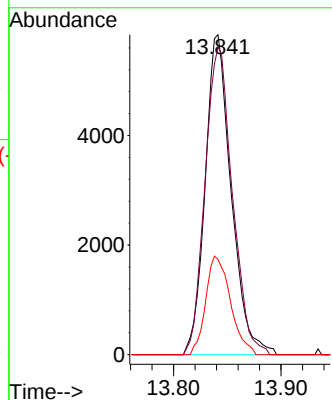
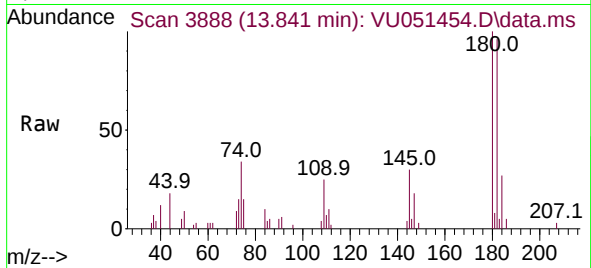




#87
1,2,4-Trichlorobenzene
Concen: 0.563 ug/l
RT: 13.841 min Scan# 3887
Delta R.T. 0.003 min
Lab File: VU051454.D
Acq: 19 Oct 2022 13:21

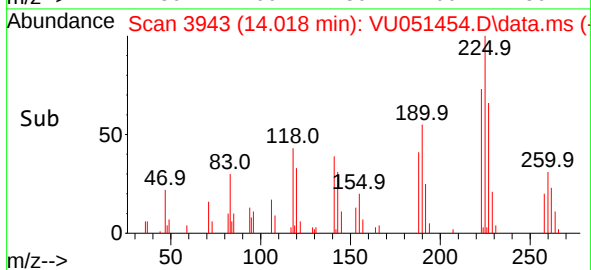
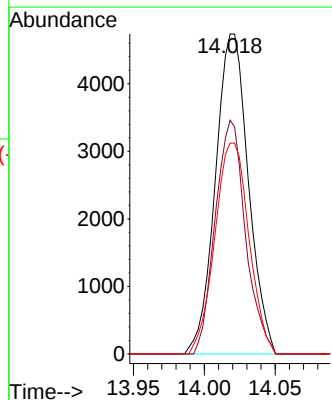
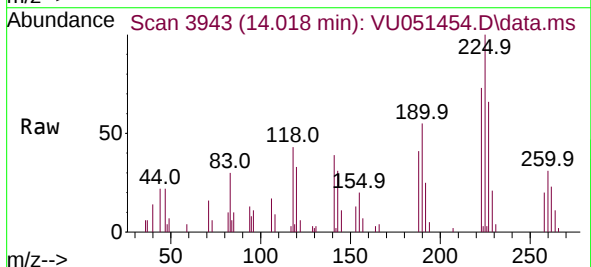
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT4-2022

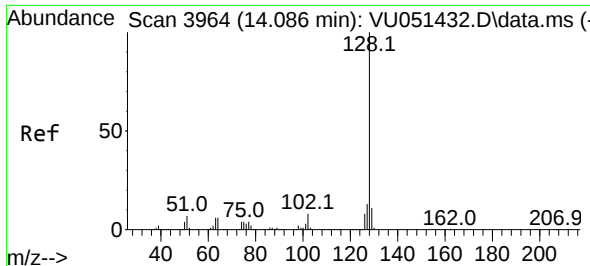
Tgt Ion:180 Resp: 9840
Ion Ratio Lower Upper
180 100
182 100.8 75.9 113.9
145 29.2 24.9 37.3



#88
Hexachlorobutadiene
Concen: 0.673 ug/l
RT: 14.018 min Scan# 3943
Delta R.T. -0.003 min
Lab File: VU051454.D
Acq: 19 Oct 2022 13:21

Tgt Ion:225 Resp: 7672
Ion Ratio Lower Upper
225 100
223 67.0 50.1 75.1
227 68.1 51.4 77.2

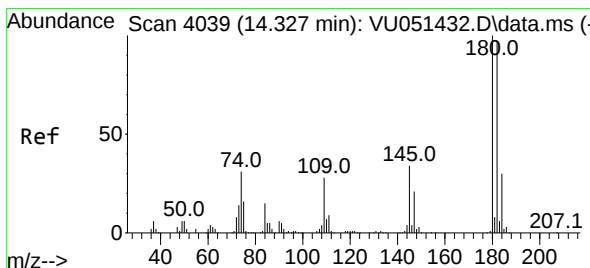
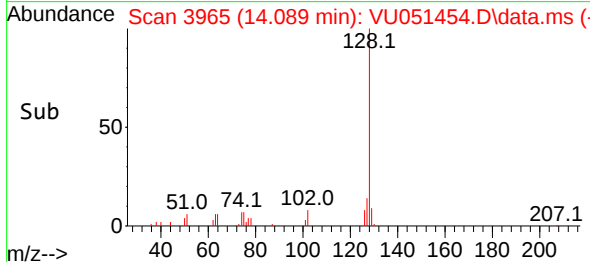
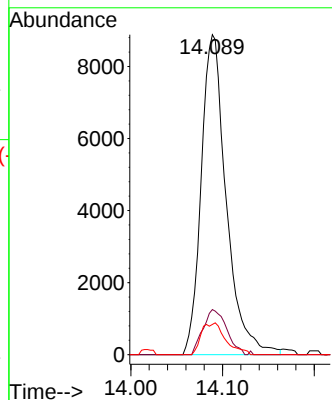
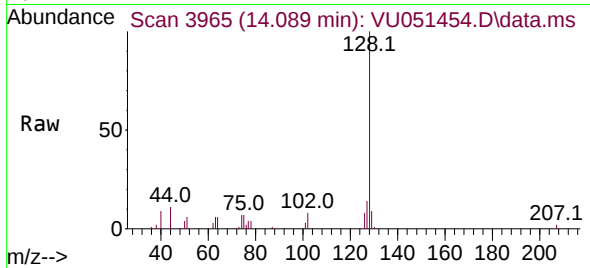




#89
Naphthalene
Concen: 0.461 ug/l
RT: 14.089 min Scan# 3964
Delta R.T. 0.003 min
Lab File: VU051454.D
Acq: 19 Oct 2022 13:21

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT4-2022

Tgt Ion:	128	Resp:	16861
Ion Ratio	Lower	Upper	
128	100		
127	13.3	10.7	16.1
129	9.7	8.4	12.6



#90
1,2,3-Trichlorobenzene
Concen: 0.508 ug/l
RT: 14.330 min Scan# 4040
Delta R.T. 0.003 min
Lab File: VU051454.D
Acq: 19 Oct 2022 13:21

Tgt Ion:	180	Resp:	9715
Ion Ratio	Lower	Upper	
180	100		
182	101.3	75.8	113.6
145	34.8	26.6	39.8

