

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070822\
 Data File : VU049661.D
 Acq On : 08 Jul 2022 17:32
 Operator : SY/MD
 Sample : N3214-09 0.8ppb
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-03-QT2-2022

Quant Time: Jul 09 04:56:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U070622DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Sat Jul 09 04:54:26 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.115	96	38065	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.632	95	12841	0.921	ug/l	0.00
Spiked Amount 1.000			Recovery	=	92.000%	
68) 1,2-Dichlorobenzene-d4	12.192	152	12842	1.000	ug/l	0.00
Spiked Amount 1.000			Recovery	=	100.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	10626	0.729	ug/l	100
3) Chloromethane	1.530	50	11062	0.742	ug/l	90
4) Vinyl Chloride	1.604	62	9736	0.716	ug/l	97
5) Bromomethane	1.858	94	5817	0.820	ug/l	93
6) Chloroethane	1.935	64	5467	0.718	ug/l	98
7) Trichlorofluoromethane	2.141	101	12371	0.759	ug/l	94
8) 1,1,2-Trichloro-1,2,2-...	2.578	101	5920	0.691	ug/l	97
9) 1,1-Dichloroethene	2.578	96	5893	0.683	ug/l	98
10) Iodomethane	2.723	142	4820	0.440	ug/l	90
11) Allyl Chloride	2.922	41	10811	0.735	ug/l	92
12) Acrylonitrile	3.327	53	2997	1.299	ug/l	# 78
13) Acetone	2.642	43	8390	4.608	ug/l	96
14) Carbon Disulfide	2.793	76	19246	0.677	ug/l	100
15) Methylene Chloride	3.044	84	11051	1.022	ug/l	94
16) trans-1,2-Dichloroethene	3.350	96	6264	0.691	ug/l	92
17) 1,1-Dichloroethane	3.867	63	13589	0.725	ug/l	95
18) 2-Butanone	4.735	43	12366	3.985	ug/l	99
19) Cyclohexane	5.378	56	10325	0.576	ug/l	99
20) Methylcyclohexane	6.761	83	9143	0.518	ug/l	91
21) 2,2-Dichloropropane	4.661	77	10217	0.666	ug/l	95
22) cis-1,2-Dichloroethene	4.668	96	7949	0.711	ug/l	98
23) Diethyl Ether	2.379	59	5525	0.751	ug/l	93
24) tert-Butyl Alcohol	3.237	59	7608	9.070	ug/l	# 91
25) Methyl tert-Butyl Ether	3.369	73	18011	0.746	ug/l	# 83
26) Bromochloromethane	4.977	128	3638	0.773	ug/l	96
27) Chloroform	5.092	83	13538	0.734	ug/l	96
28) 1,1,1-Trichloroethane	5.311	97	11879	0.730	ug/l	99
29) 1,1-Dichloropropene	5.523	75	9750	0.671	ug/l	97
30) Carbon Tetrachloride	5.520	117	9779	0.714	ug/l	96
31) Isopropyl Ether	4.005	45	22220	0.691	ug/l	92
32) Ethyl-t-butyl ether	4.510	59	20154	0.662	ug/l	96
33) Tert-Amyl methyl ether	5.948	73	16160	0.611	ug/l	99
34) Propionitrile	4.806	54	3112	3.497	ug/l	# 93
35) Benzene	5.771	78	27462	0.664	ug/l	99
36) 1,2-Dichloroethane	5.796	62	9174	0.780	ug/l	98
37) Trichloroethene	6.539	130	7045	0.673	ug/l	92
38) 1,2-Dichloropropane	6.793	63	7872	0.718	ug/l	93
39) Methacrylonitrile	4.989	41	2628	0.689	ug/l	# 93
40) Methyl acrylate	4.864	55	4287	0.718	ug/l	# 81
41) Tetrahydrofuran	5.070	42	3508	1.556	ug/l	# 87
42) 1-Chlorobutane	5.456	56	13450	0.660	ug/l	96
43) Dibromomethane	6.919	93	3834	0.702	ug/l	98
44) Bromodichloromethane	7.108	83	9171	0.701	ug/l	98

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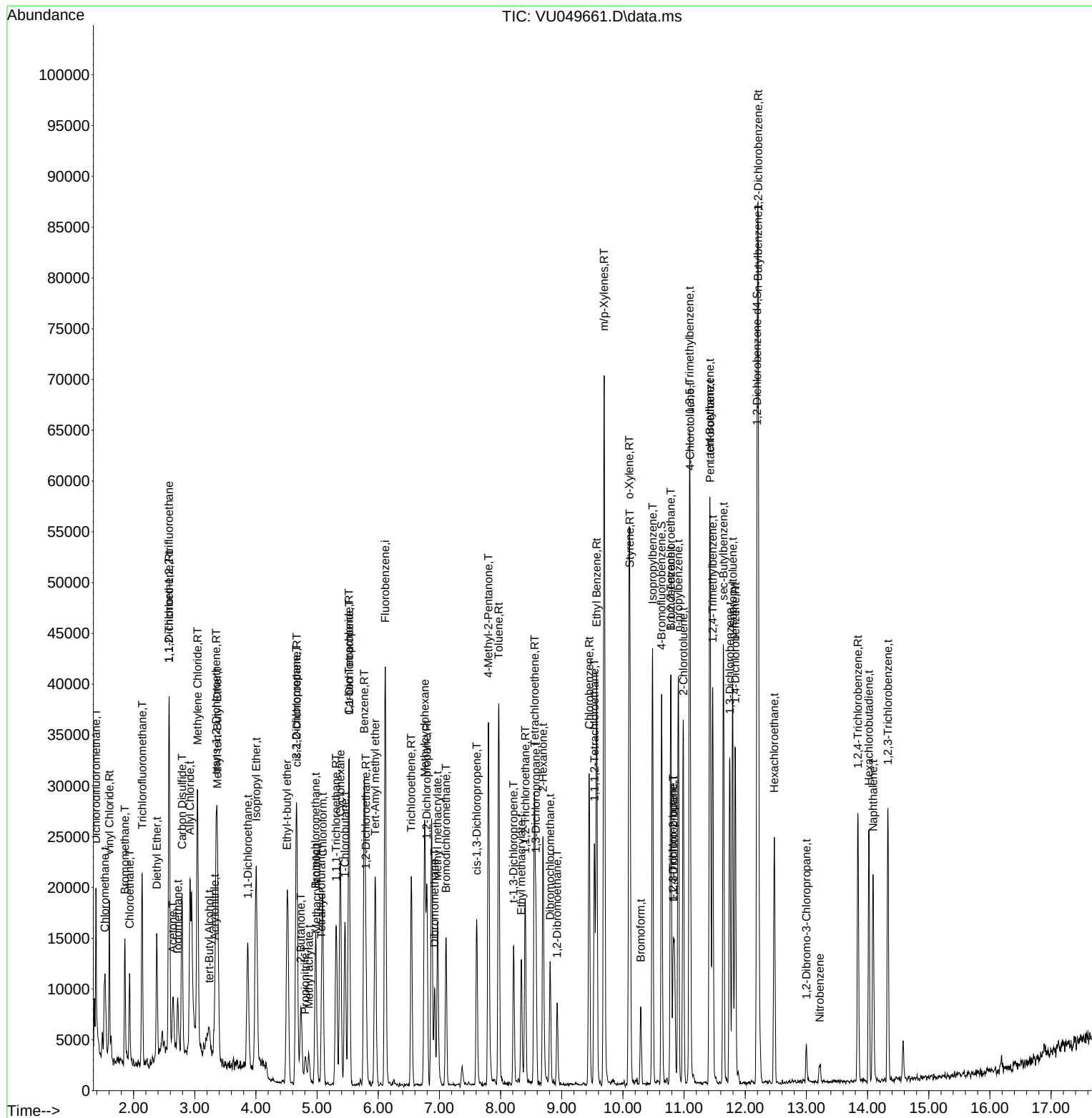
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.803	43	25753	3.475	ug/l	95
46) t-1,4-Dichloro-2-butene	10.822	75	7774	3.224	ug/l #	48
47) Methyl methacrylate	6.967	69	6832	1.241	ug/l	92
48) Ethyl methacrylate	8.340	69	6885	0.623	ug/l	98
49) Toluene	7.970	92	15984	0.632	ug/l	98
50) t-1,3-Dichloropropene	8.211	75	7977	0.631	ug/l	99
51) cis-1,3-Dichloropropene	7.610	75	9695	0.647	ug/l #	87
52) 1,1,2-Trichloroethane	8.404	97	5788	0.768	ug/l	92
53) 1,3-Dichloropropane	8.578	76	9718	0.719	ug/l	98
54) 2-Hexanone	8.693	43	17288	3.359	ug/l	94
55) Dibromochloromethane	8.812	129	6058	0.704	ug/l	92
56) 1,2-Dibromoethane	8.925	107	5061	0.694	ug/l	95
58) Tetrachloroethene	8.555	164	6082	0.699	ug/l	93
59) Chlorobenzene	9.449	112	16653	0.630	ug/l	98
60) 1,1,1,2-Tetrachloroethane	9.536	131	6635	0.705	ug/l	93
61) Pentachloroethane	11.426	117	5365	0.743	ug/l	97
62) Hexachloroethane	12.475	117	4663	0.645	ug/l	93
63) Ethyl Benzene	9.571	91	27977	0.588	ug/l	99
64) m/p-Xylenes	9.693	106	20971	1.191	ug/l	97
65) o-Xylene	10.102	106	10156	0.587	ug/l	96
66) Styrene	10.115	104	15925	0.573	ug/l	97
67) Bromoform	10.291	173	3267	0.665	ug/l	96
69) Isopropylbenzene	10.484	105	26204	0.567	ug/l	97
70) 1,1,2,2-Tetrachloroethane	10.783	83	7187	0.734	ug/l	92
71) 1,2,3-Trichloropropane	10.822	75	7774	0.959	ug/l #	55
72) Bromobenzene	10.783	156	7314	0.702	ug/l	99
73) n-propylbenzene	10.906	120	6493	0.557	ug/l	89
74) 2-Chlorotoluene	10.989	126	6485	0.624	ug/l	97
75) 1,3,5-Trimethylbenzene	11.089	105	20853	0.540	ug/l	99
76) 4-Chlorotoluene	11.098	126	6567	0.630	ug/l	79
77) tert-Butylbenzene	11.420	119	21774	0.572	ug/l	98
78) 1,2,4-Trimethylbenzene	11.468	105	21184	0.546	ug/l	97
79) sec-Butylbenzene	11.642	105	28473	0.571	ug/l	99
80) Nitrobenzene	13.217	77	1914	4.779	ug/l #	61
81) p-Isopropyltoluene	11.793	119	21517	0.532	ug/l	97
82) 1,3-Dichlorobenzene	11.748	146	13267	0.659	ug/l	96
83) 1,4-Dichlorobenzene	11.838	146	12029	0.592	ug/l	92
84) n-Butylbenzene	12.208	91	20239	0.537	ug/l	99
85) 1,2-Dichlorobenzene	12.211	146	13688	0.701	ug/l	98
86) 1,2-Dibromo-3-Chloropr...	12.999	75	1268	0.743	ug/l #	81
87) 1,2,4-Trichlorobenzene	13.841	180	8668	0.658	ug/l	97
88) Hexachlorobutadiene	14.021	225	4431	0.660	ug/l	94
89) Naphthalene	14.092	128	18134	0.657	ug/l	97
90) 1,2,3-Trichlorobenzene	14.333	180	8712	0.693	ug/l	97

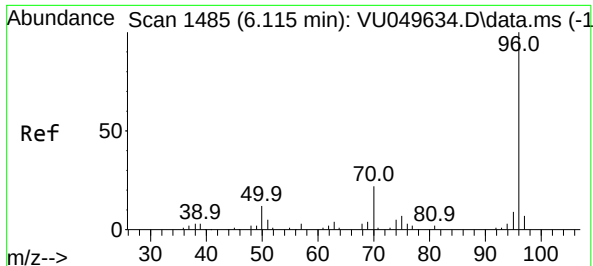
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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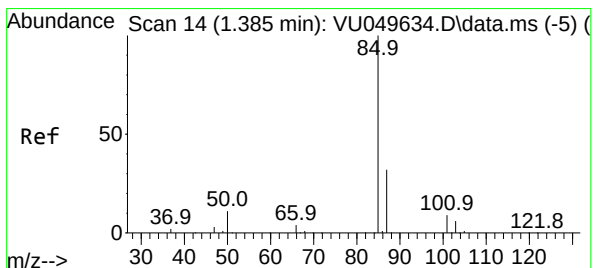
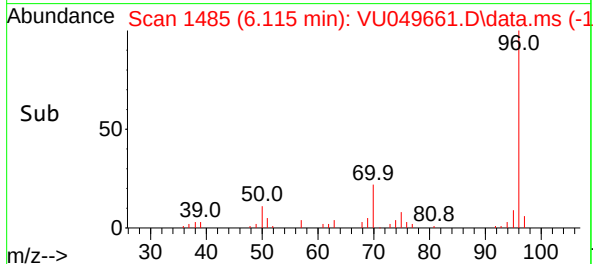
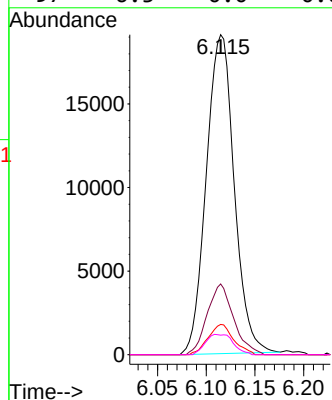
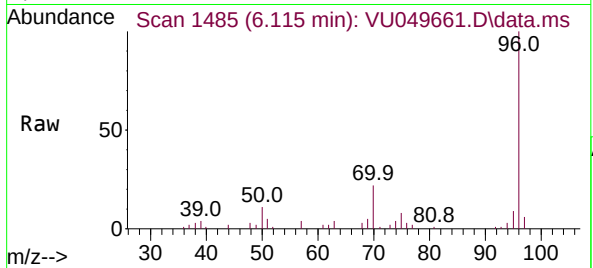




#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.115 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU049661.D
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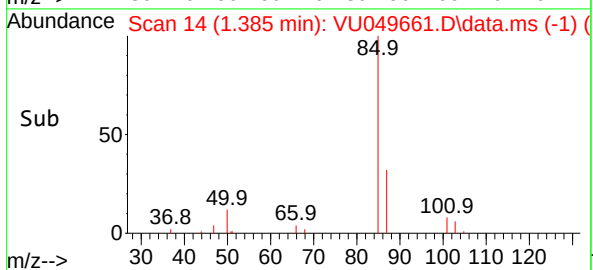
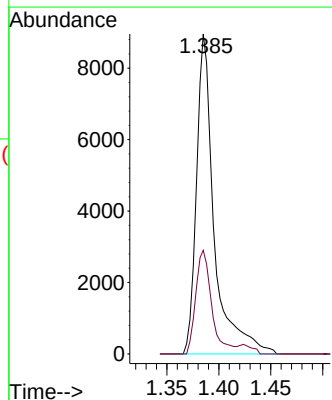
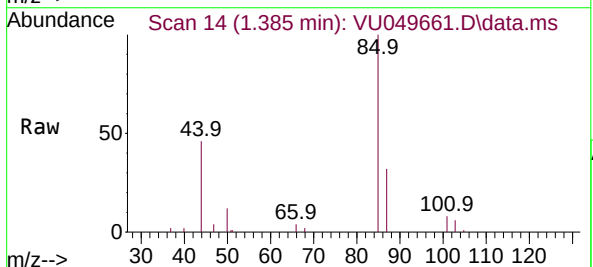
Instrument :
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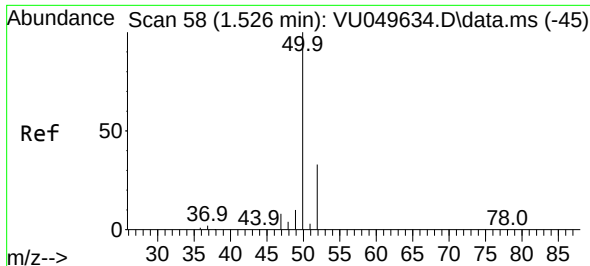
Tgt Ion: 96	Resp: 38065
Ion Ratio	Lower Upper
96 100	
70 20.9	16.7 25.1
95 8.6	7.4 11.0
97 6.3	0.0 0.0



#2
Dichlorodifluoromethane
Concen: 0.729 ug/l
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU049661.D
Acq: 08 Jul 2022 17:32

Tgt Ion: 85	Resp: 10626
Ion Ratio	Lower Upper
85 100	
87 32.4	16.3 48.8

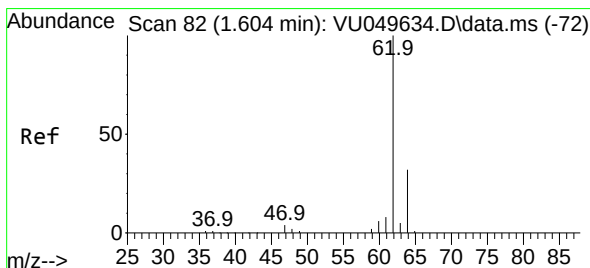
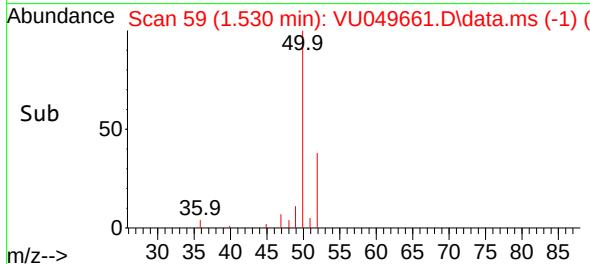
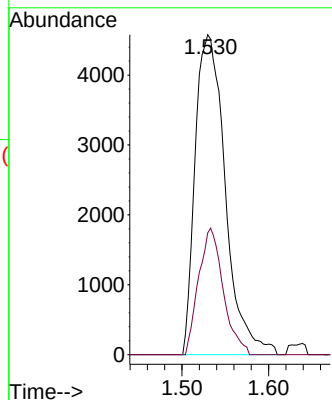
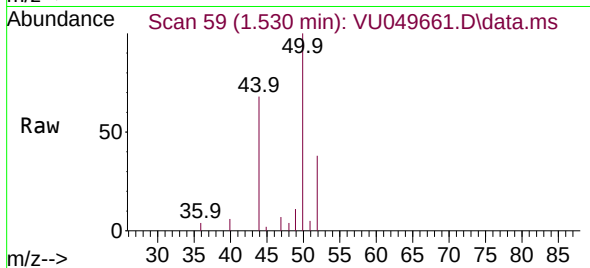




#3
Chloromethane
Concen: 0.742 ug/l
RT: 1.530 min Scan# 58
Delta R.T. 0.003 min
Lab File: VU049661.D
Acq: 08 Jul 2022 17:32

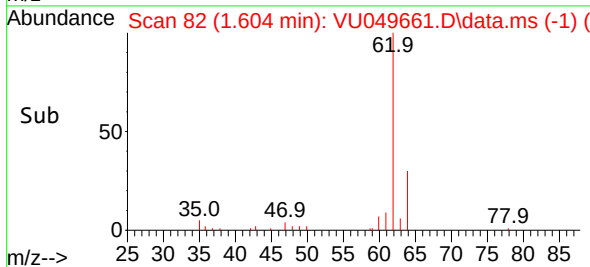
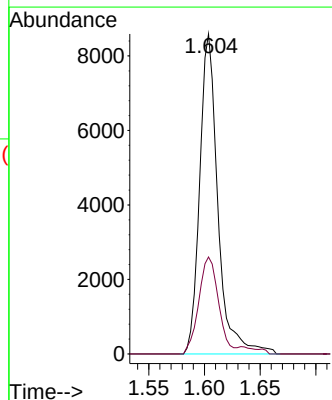
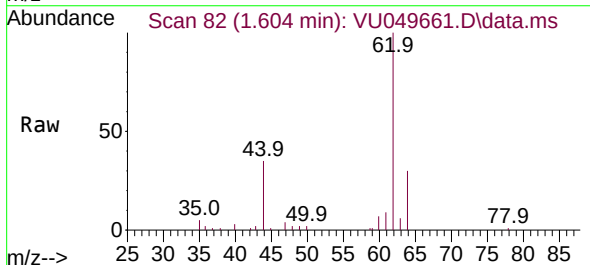
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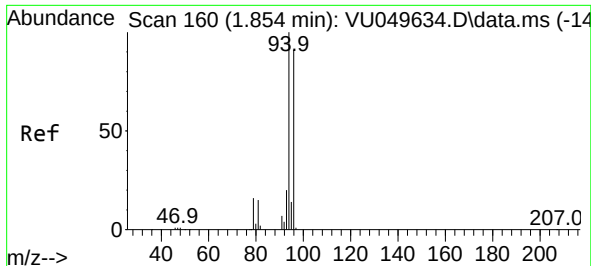
Tgt Ion: 50 Resp: 11062
Ion Ratio Lower Upper
50 100
52 38.1 26.1 39.1



#4
Vinyl Chloride
Concen: 0.716 ug/l
RT: 1.604 min Scan# 82
Delta R.T. 0.000 min
Lab File: VU049661.D
Acq: 08 Jul 2022 17:32

Tgt Ion: 62 Resp: 9736
Ion Ratio Lower Upper
62 100
64 30.3 25.5 38.3

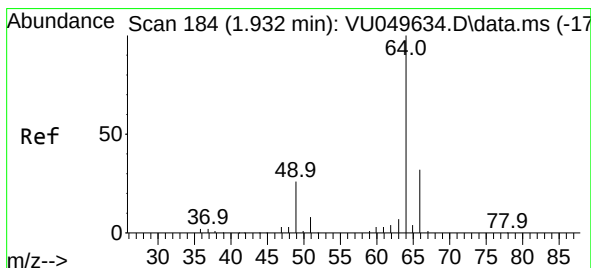
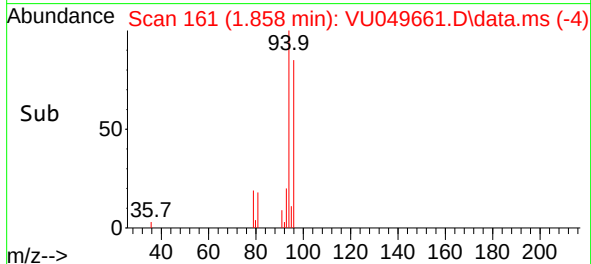
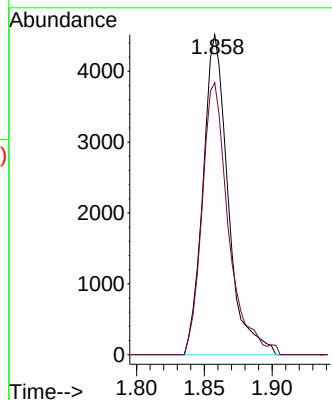
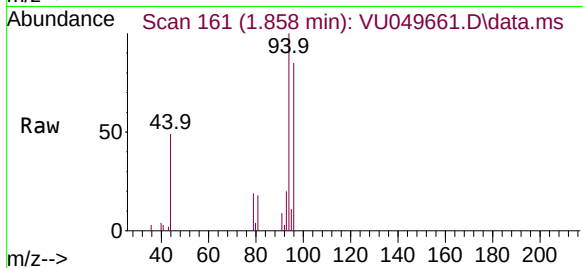




#5
Bromomethane
Concen: 0.820 ug/l
RT: 1.858 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU049661.D
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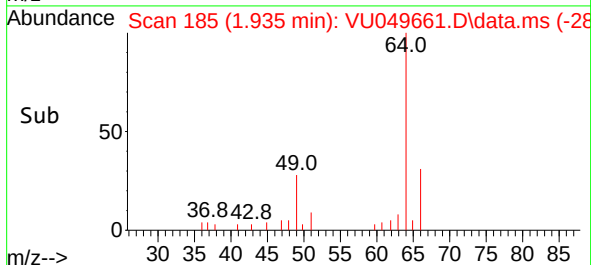
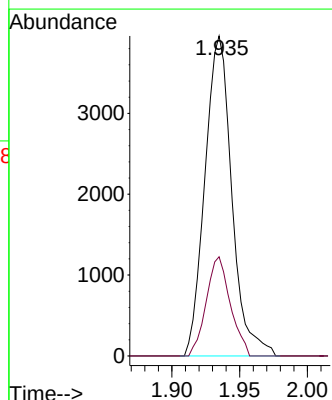
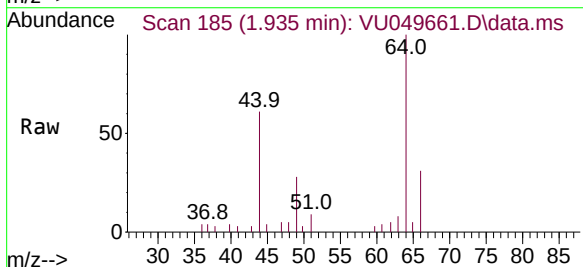
Instrument :
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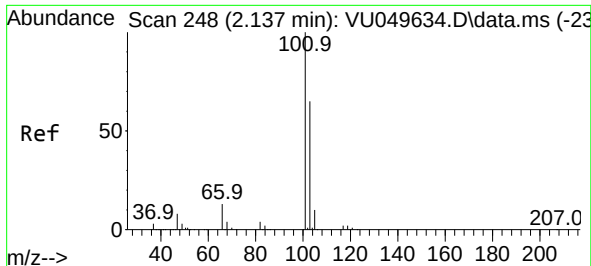
Tgt Ion: 94 Resp: 5817
Ion Ratio Lower Upper
94 100
96 85.0 73.0 109.6



#6
Chloroethane
Concen: 0.718 ug/l
RT: 1.935 min Scan# 185
Delta R.T. 0.003 min
Lab File: VU049661.D
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Tgt Ion: 64 Resp: 5467
Ion Ratio Lower Upper
64 100
66 31.0 25.8 38.6

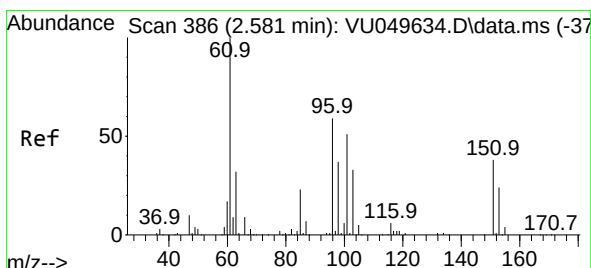
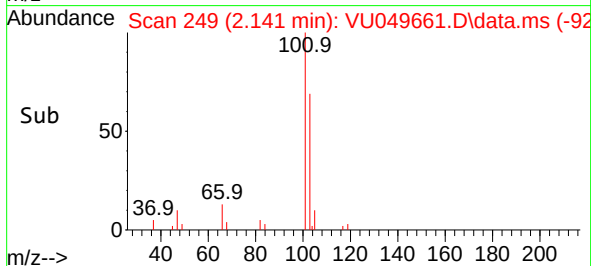
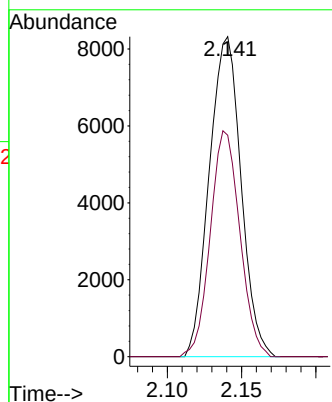
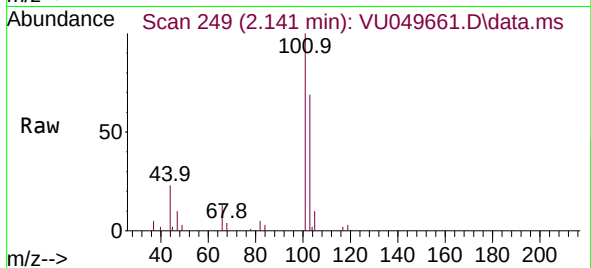




#7
 Trichlorofluoromethane
 Concen: 0.759 ug/l
 RT: 2.141 min Scan# 248
 Delta R.T. 0.003 min
 Lab File: VU049661.D
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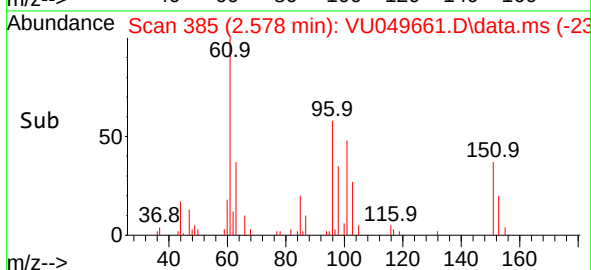
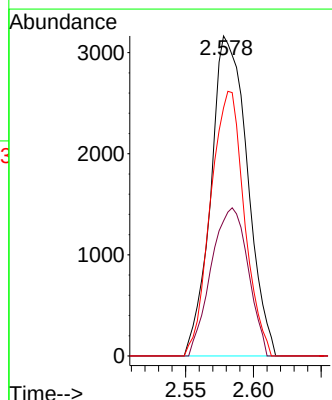
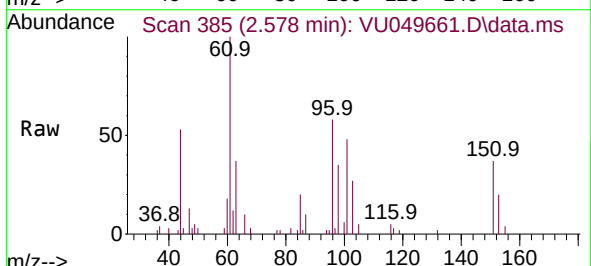
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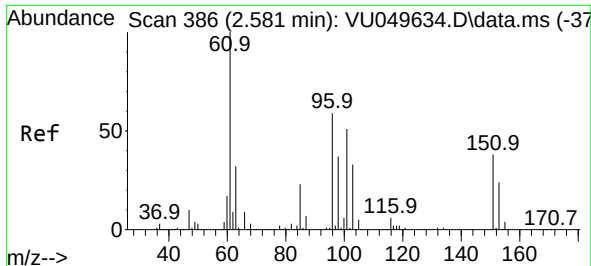
Tgt Ion:101 Resp: 12371
 Ion Ratio Lower Upper
 101 100
 103 69.2 51.8 77.6



#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.691 ug/l
 RT: 2.578 min Scan# 385
 Delta R.T. -0.003 min
 Lab File: VU049661.D
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Tgt Ion:101 Resp: 5920
 Ion Ratio Lower Upper
 101 100
 85 46.9 36.4 54.6
 151 76.4 59.1 88.7

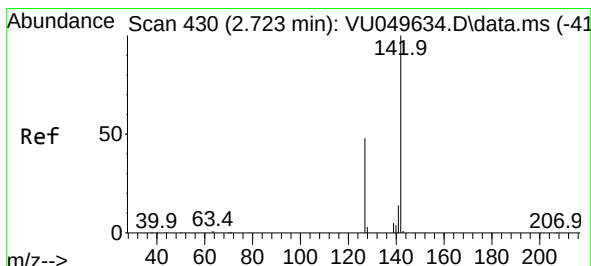
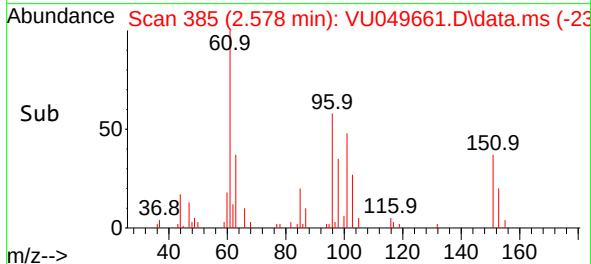
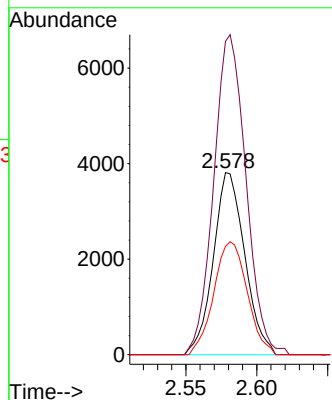
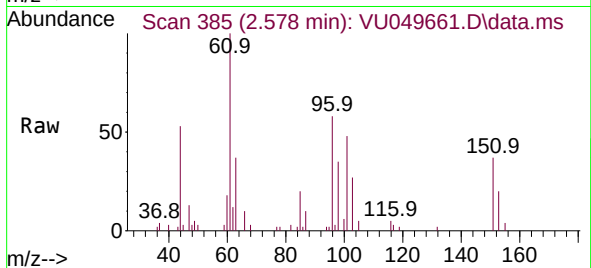




#9
1,1-Dichloroethene
Concen: 0.683 ug/l
RT: 2.578 min Scan# 385
Delta R.T. -0.003 min
Lab File: VU049661.D
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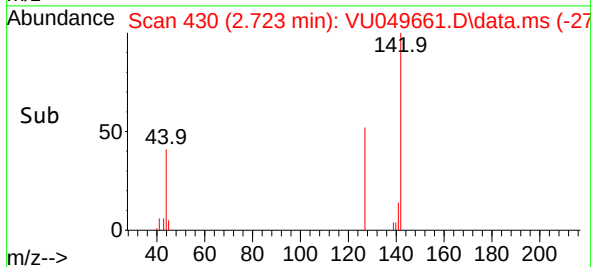
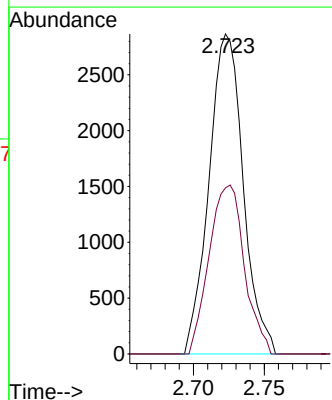
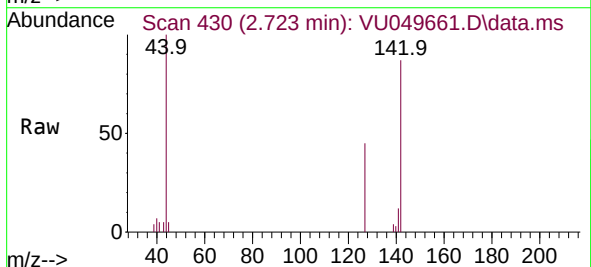
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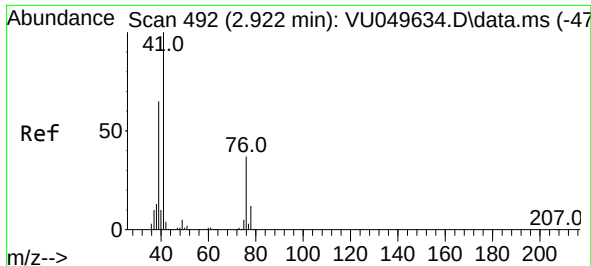
Tgt Ion:	96	Resp:	5893
Ion	Ratio	Lower	Upper
96	100		
61	172.1	0.0	510.6
98	59.5	0.0	124.6



#10
Iodomethane
Concen: 0.440 ug/l
RT: 2.723 min Scan# 430
Delta R.T. 0.000 min
Lab File: VU049661.D
Acq: 08 Jul 2022 17:32

Tgt Ion:	142	Resp:	4820
Ion	Ratio	Lower	Upper
142	100		
127	54.3	38.2	57.2





#11

Allyl Chloride

Concen: 0.735 ug/l

RT: 2.922 min Scan# 492

Delta R.T. 0.000 min

Lab File: VU049661.D

Acq: 08 Jul 2022 17:32

Instrument :

MSVOA_U

ClientSampleId :

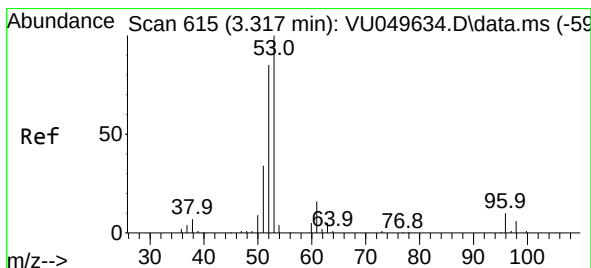
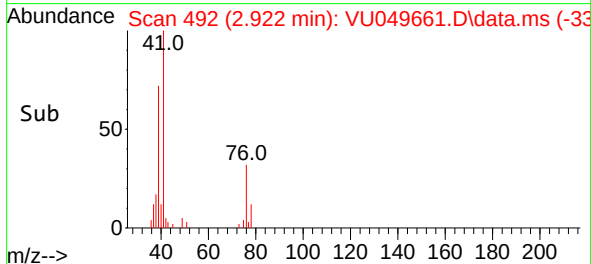
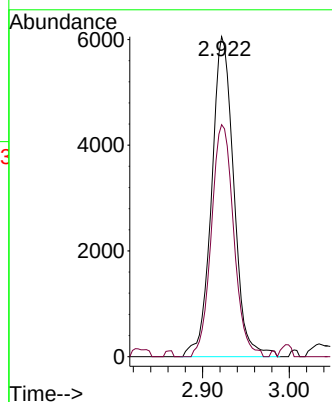
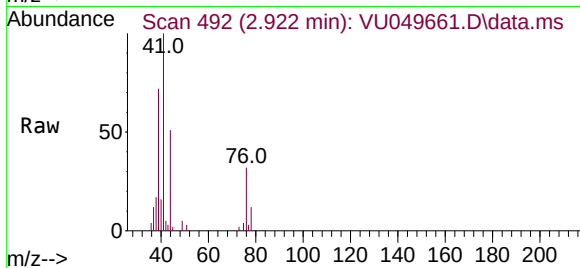
MDL-WATER-03-QT2-2022

Tgt Ion: 41 Resp: 10811

Ion Ratio Lower Upper

41 100

39 72.7 53.2 79.8



#12

Acrylonitrile

Concen: 1.299 ug/l

RT: 3.327 min Scan# 618

Delta R.T. 0.010 min

Lab File: VU049661.D

Acq: 08 Jul 2022 17:32

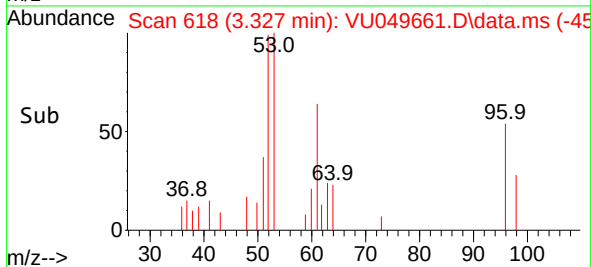
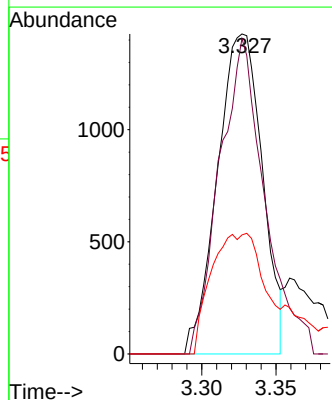
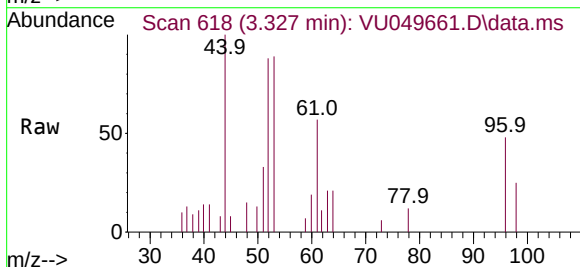
Tgt Ion: 53 Resp: 2997

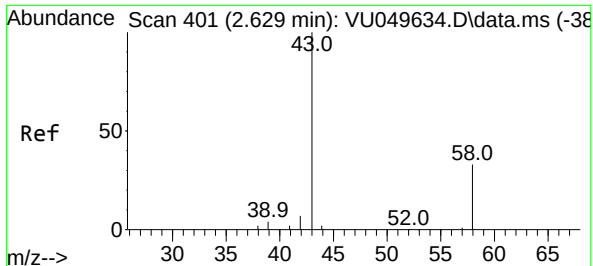
Ion Ratio Lower Upper

53 100

52 99.0 64.6 97.0#

51 23.4 30.7 46.1#





#13

Acetone

Concen: 4.608 ug/l

RT: 2.642 min Scan# 401

Delta R.T. 0.013 min

Lab File: VU049661.D

Acq: 08 Jul 2022 17:32

Instrument :

MSVOA_U

ClientSampleId :

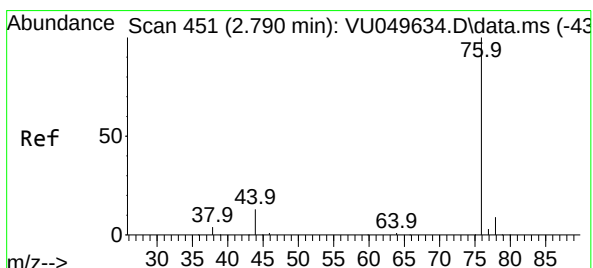
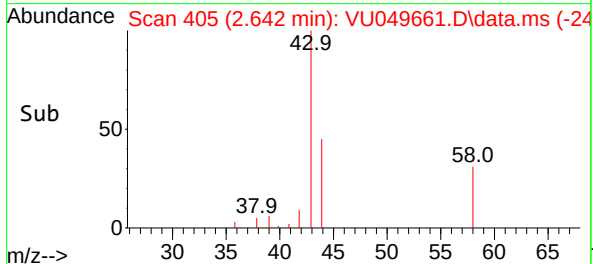
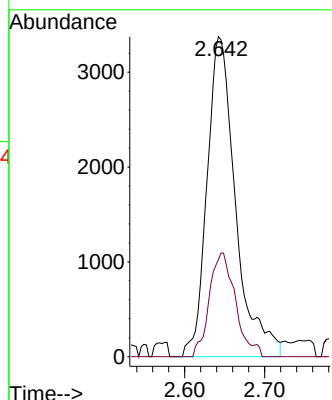
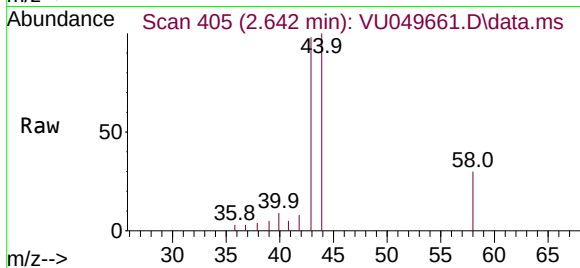
MDL-WATER-03-QT2-2022

Tgt Ion: 43 Resp: 8390

Ion Ratio Lower Upper

43 100

58 30.4 26.2 39.2



#14

Carbon Disulfide

Concen: 0.677 ug/l

RT: 2.793 min Scan# 452

Delta R.T. 0.003 min

Lab File: VU049661.D

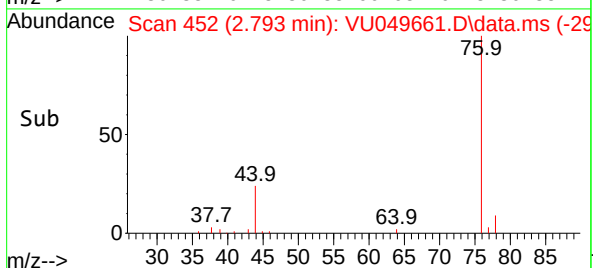
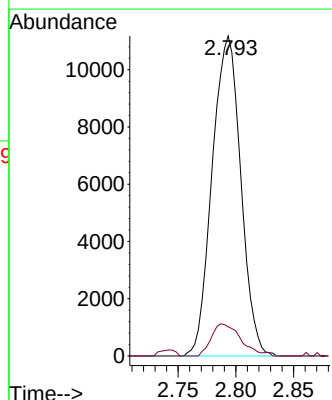
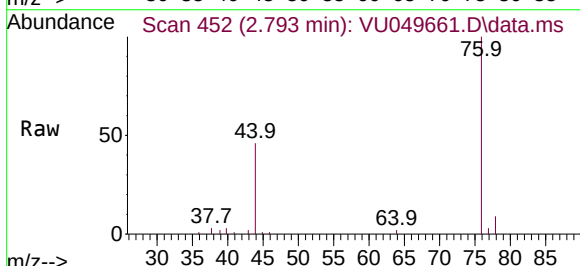
Acq: 08 Jul 2022 17:32

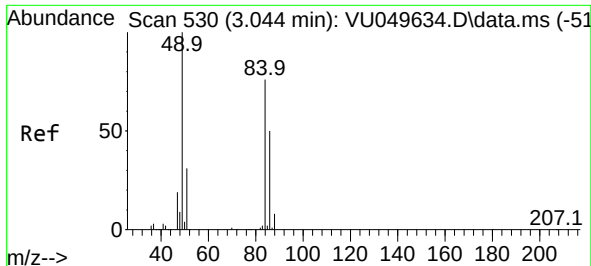
Tgt Ion: 76 Resp: 19246

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.0

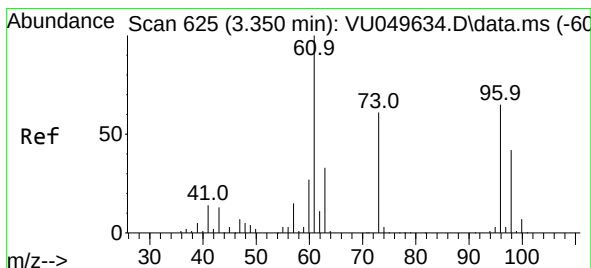
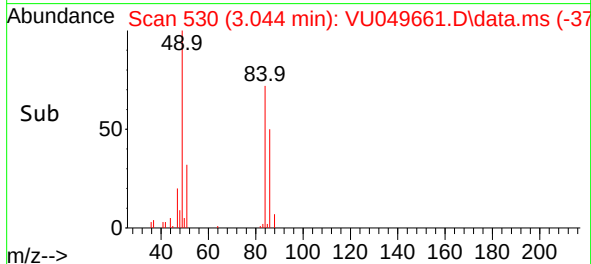
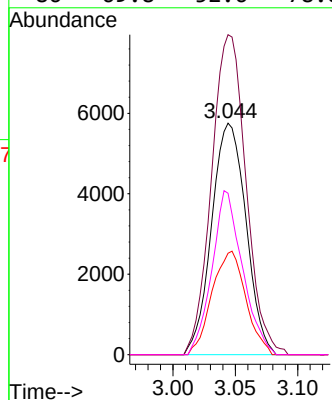
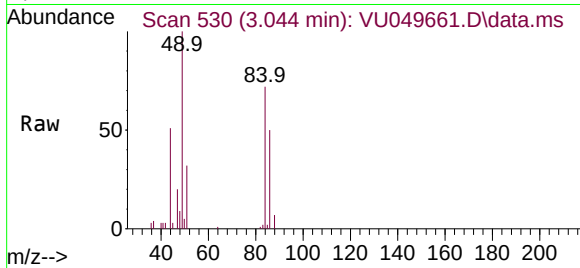




#15
Methylene Chloride
Concen: 1.022 ug/l
RT: 3.044 min Scan# 51
Delta R.T. 0.000 min
Lab File: VU049661.D
Acq: 08 Jul 2022 17:32

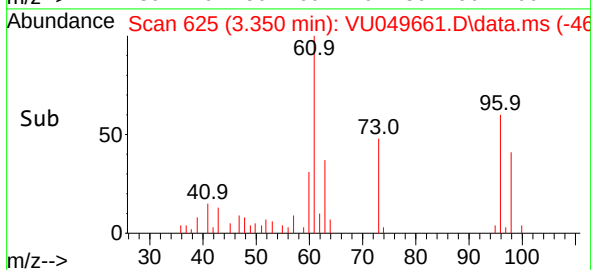
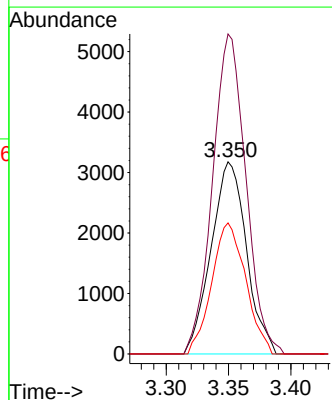
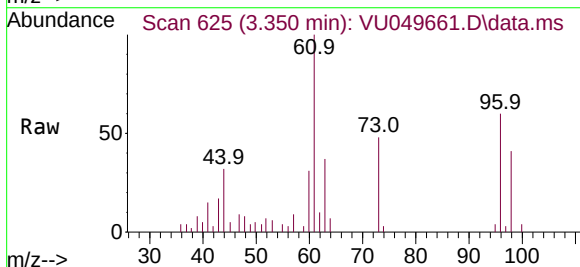
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2022

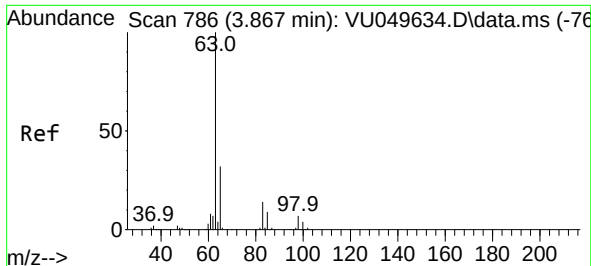
Tgt Ion:	84	Resp:	11051
Ion	Ratio	Lower	Upper
84	100		
49	138.3	104.6	157.0
51	43.8	0.0	81.4
86	69.8	52.6	78.8



#16
trans-1,2-Dichloroethene
Concen: 0.691 ug/l
RT: 3.350 min Scan# 625
Delta R.T. 0.000 min
Lab File: VU049661.D
Acq: 08 Jul 2022 17:32

Tgt Ion:	96	Resp:	6264
Ion	Ratio	Lower	Upper
96	100		
61	166.5	123.4	185.0
98	68.2	51.6	77.4

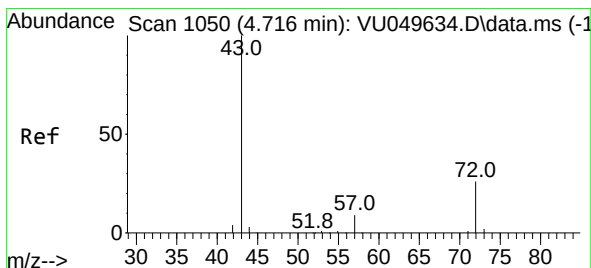
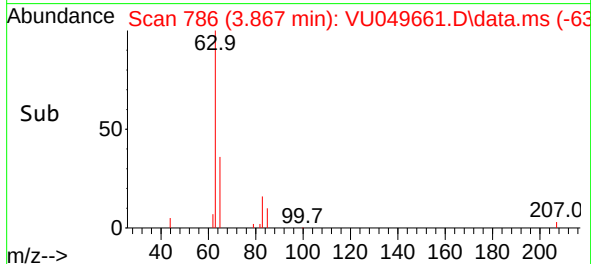
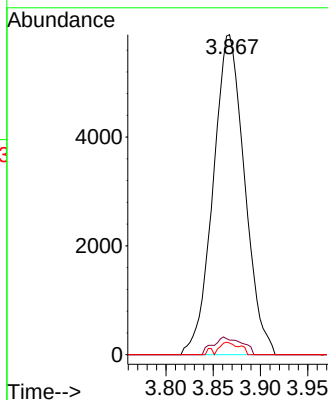
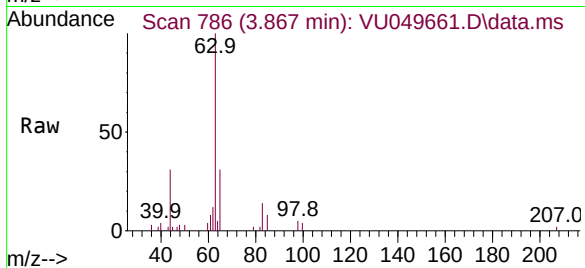




#17
1,1-Dichloroethane
Concen: 0.725 ug/l
RT: 3.867 min Scan# 786
Delta R.T. 0.000 min
Lab File: VU049661.D
Acq: 08 Jul 2022 17:32

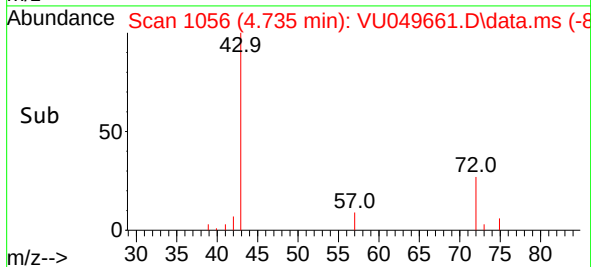
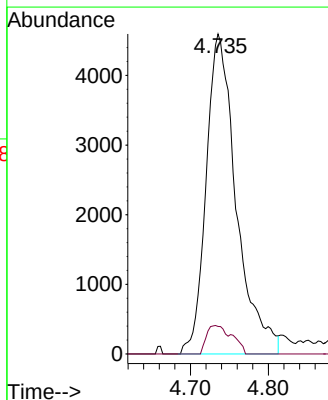
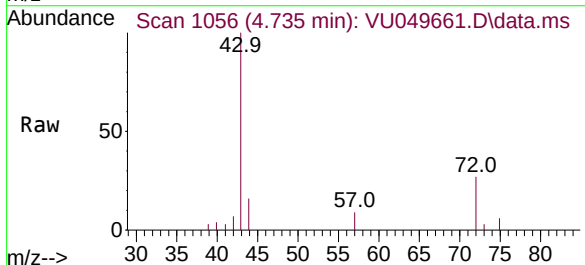
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2022

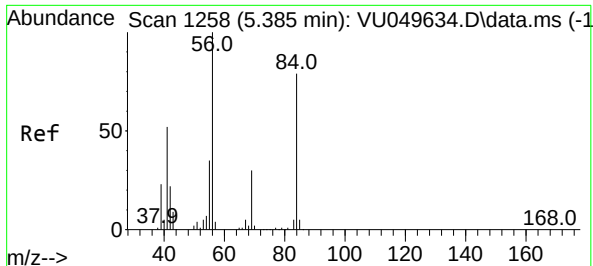
Tgt Ion: 63 Resp: 13589
Ion Ratio Lower Upper
63 100
98 4.5 3.4 10.2
100 3.6 2.0 6.0



#18
2-Butanone
Concen: 3.985 ug/l
RT: 4.735 min Scan# 1056
Delta R.T. 0.019 min
Lab File: VU049661.D
Acq: 08 Jul 2022 17:32

Tgt Ion: 43 Resp: 12366
Ion Ratio Lower Upper
43 100
57 8.6 0.0 18.0





#19

Cyclohexane

Concen: 0.576 ug/l

RT: 5.378 min Scan# 11

Delta R.T. -0.006 min

Lab File: VU049661.D

Acq: 08 Jul 2022 17:32

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT2-2022

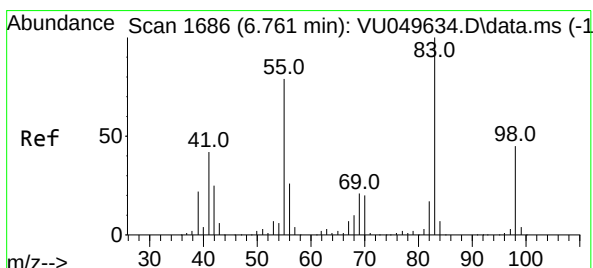
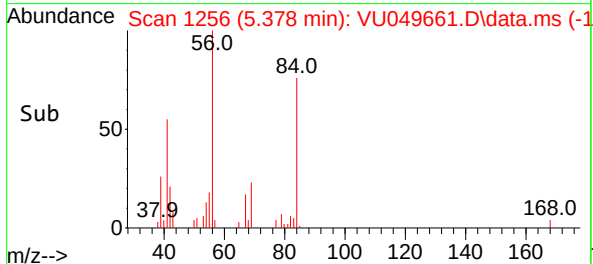
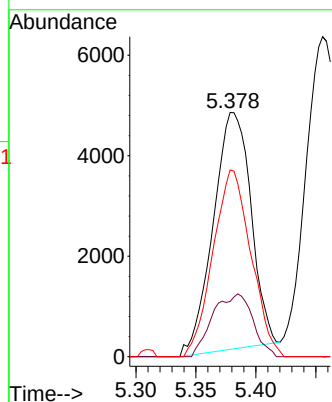
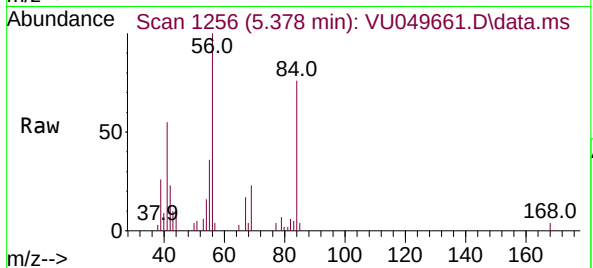
Tgt Ion: 56 Resp: 10325

Ion Ratio Lower Upper

56 100

69 28.2 24.2 36.4

84 79.1 63.4 95.2



#20

Methylcyclohexane

Concen: 0.518 ug/l

RT: 6.761 min Scan# 1686

Delta R.T. 0.000 min

Lab File: VU049661.D

Acq: 08 Jul 2022 17:32

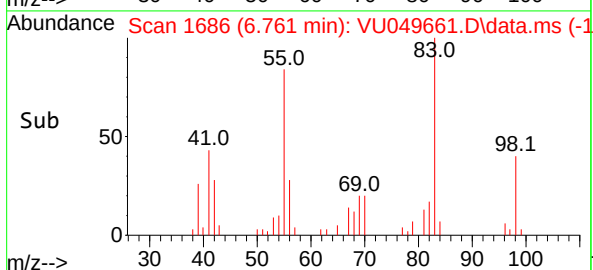
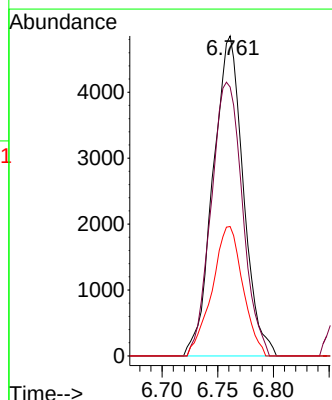
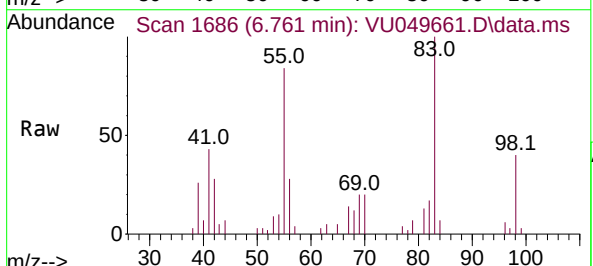
Tgt Ion: 83 Resp: 9143

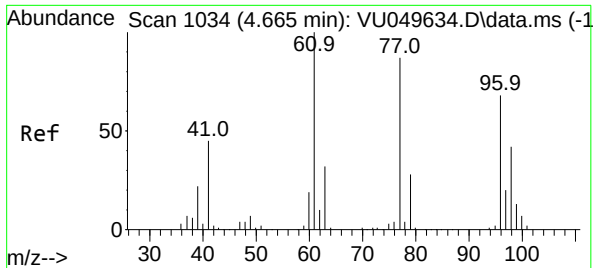
Ion Ratio Lower Upper

83 100

55 88.5 63.0 94.4

98 41.2 35.7 53.5





#21

2,2-Dichloropropane

Concen: 0.666 ug/l

RT: 4.661 min Scan# 1033

Delta R.T. -0.003 min

Lab File: VU049661.D

Acq: 08 Jul 2022 17:32

Instrument :

MSVOA_U

ClientSampleId :

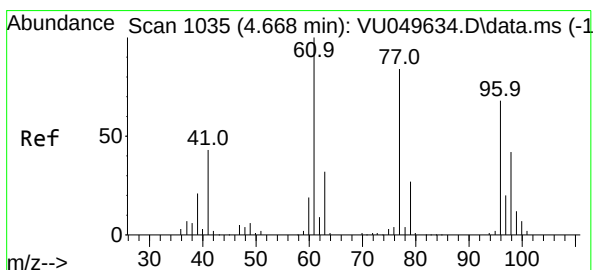
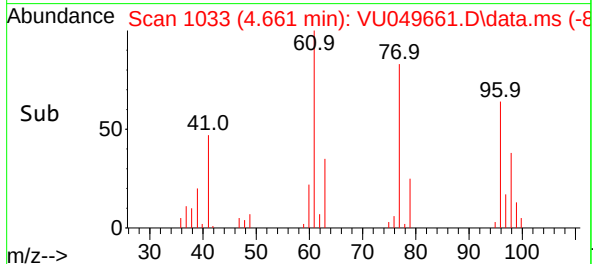
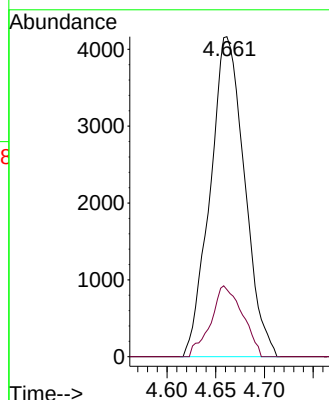
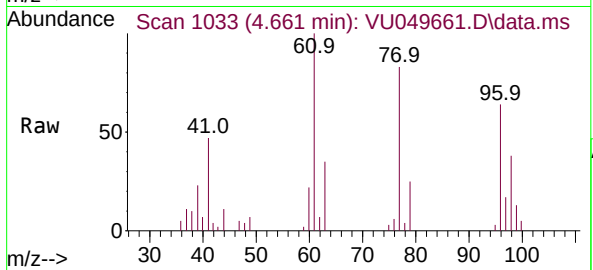
MDL-WATER-03-QT2-2022

Tgt Ion: 77 Resp: 10217

Ion Ratio Lower Upper

77 100

97 20.4 18.5 27.7



#22

cis-1,2-Dichloroethene

Concen: 0.711 ug/l

RT: 4.668 min Scan# 1035

Delta R.T. 0.000 min

Lab File: VU049661.D

Acq: 08 Jul 2022 17:32

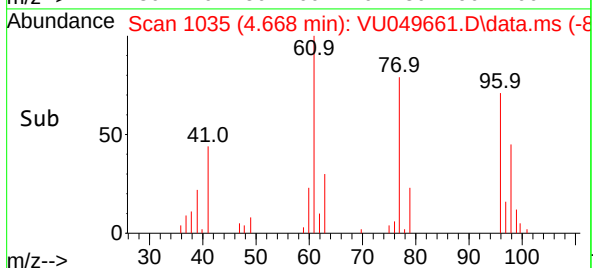
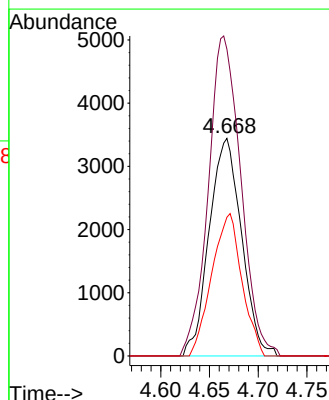
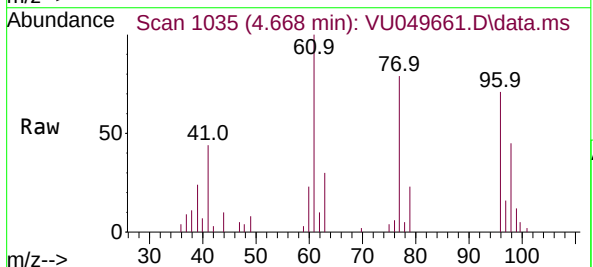
Tgt Ion: 96 Resp: 7949

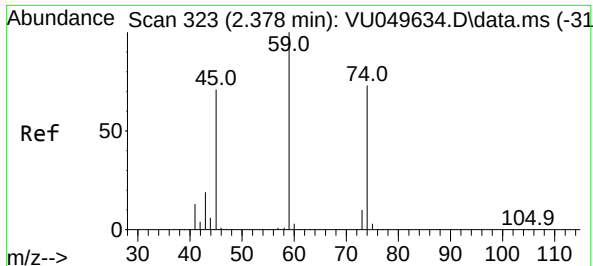
Ion Ratio Lower Upper

96 100

61 147.8 0.0 375.8

98 60.9 31.6 95.0





#23

Diethyl Ether

Concen: 0.751 ug/l

RT: 2.379 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU049661.D

Acq: 08 Jul 2022 17:32

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT2-2022

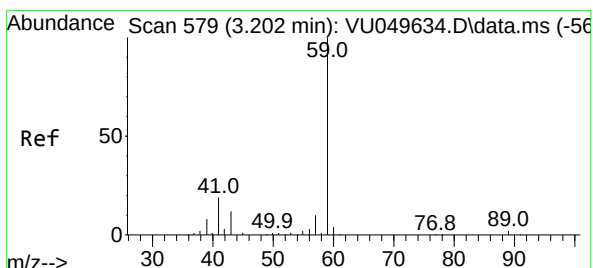
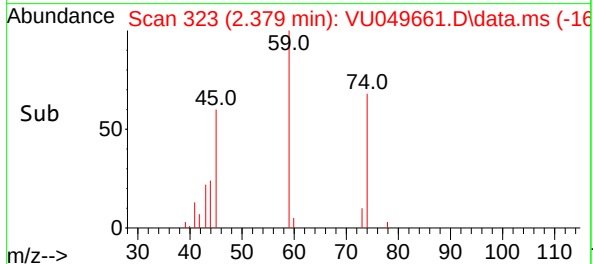
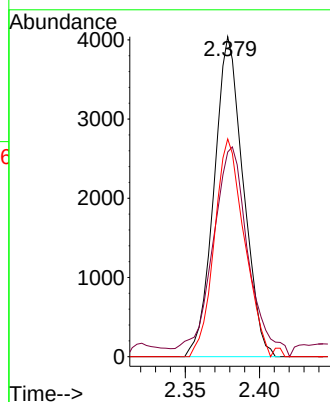
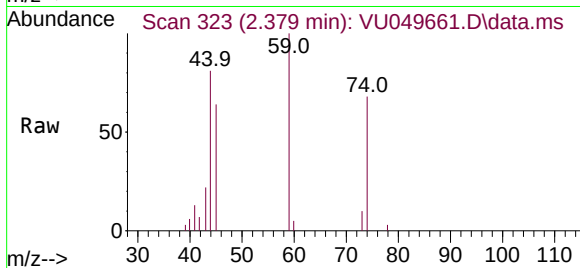
Tgt Ion: 59 Resp: 5525

Ion Ratio Lower Upper

59 100

45 79.9 56.0 84.0

74 69.8 57.6 86.4



#24

tert-Butyl Alcohol

Concen: 9.070 ug/l

RT: 3.237 min Scan# 590

Delta R.T. 0.035 min

Lab File: VU049661.D

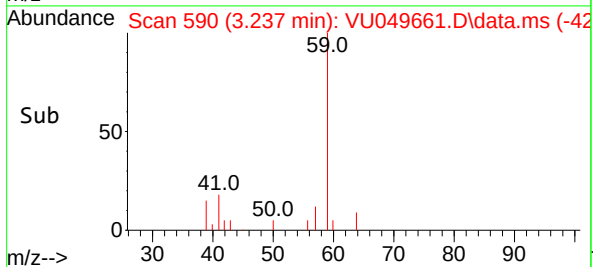
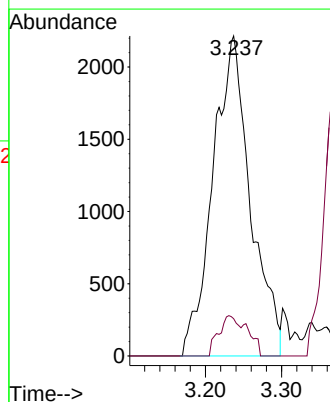
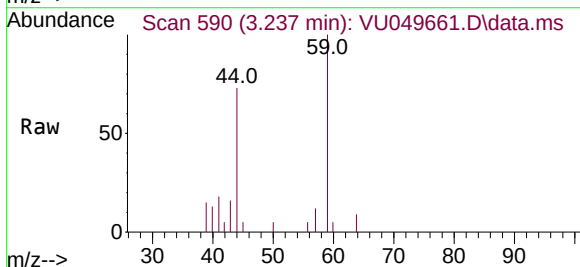
Acq: 08 Jul 2022 17:32

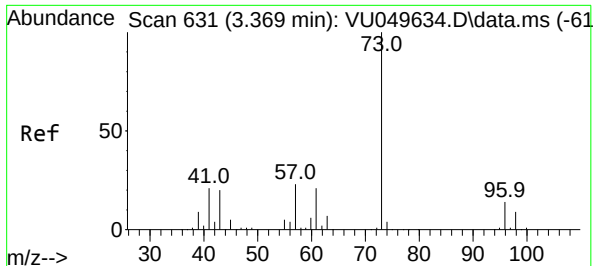
Tgt Ion: 59 Resp: 7608

Ion Ratio Lower Upper

59 100

57 6.7 8.2 12.2#

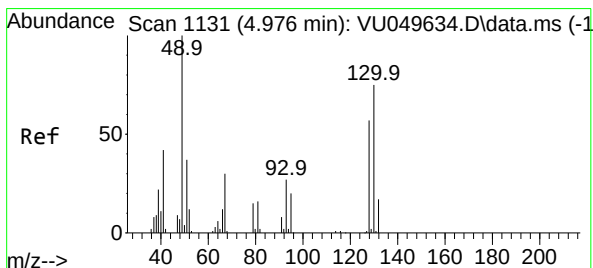
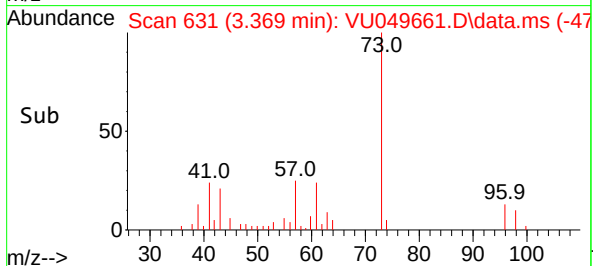
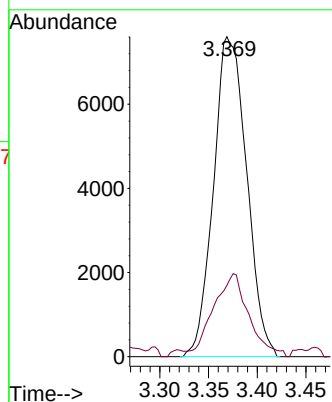
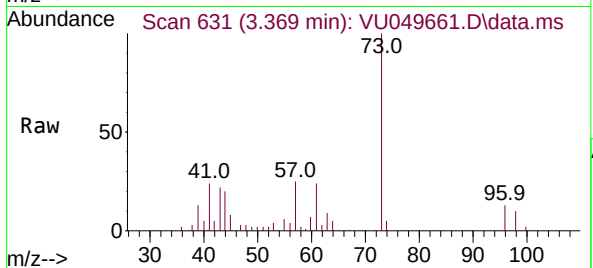




#25
Methyl tert-Butyl Ether
Concen: 0.746 ug/l
RT: 3.369 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU049661.D
Acq: 08 Jul 2022 17:32

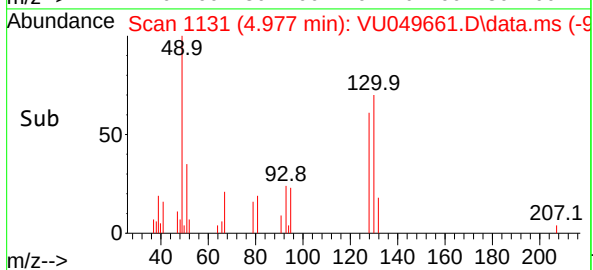
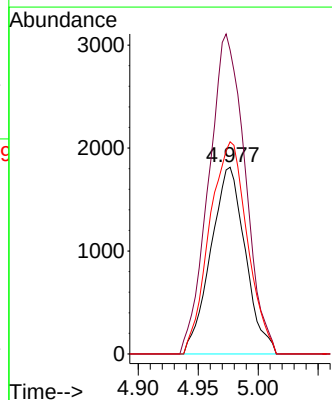
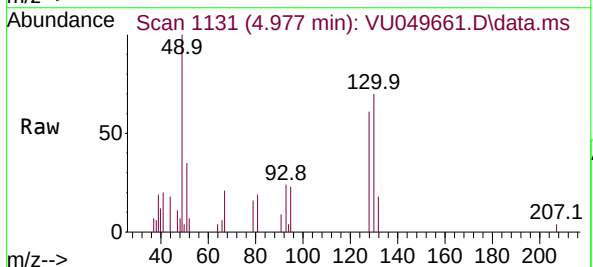
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2022

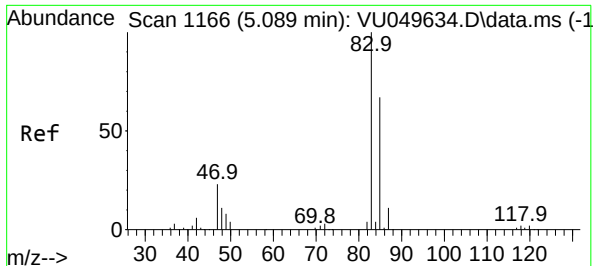
Tgt Ion: 73 Resp: 18011
Ion Ratio Lower Upper
73 100
43 27.7 15.9 23.9#



#26
Bromochloromethane
Concen: 0.773 ug/l
RT: 4.977 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VU049661.D
Acq: 08 Jul 2022 17:32

Tgt Ion:128 Resp: 3638
Ion Ratio Lower Upper
128 100
49 180.2 0.0 349.2
130 124.5 103.0 154.6





#27

Chloroform

Concen: 0.734 ug/l

RT: 5.092 min Scan# 1166

Delta R.T. 0.003 min

Lab File: VU049661.D

Acq: 08 Jul 2022 17:32

Instrument :

MSVOA_U

ClientSampleId :

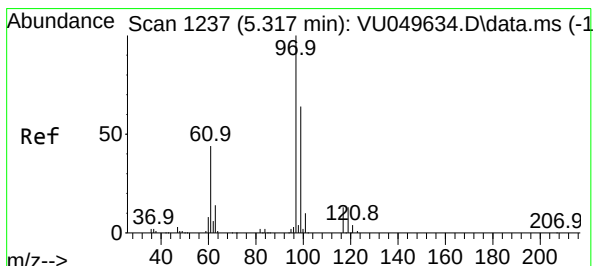
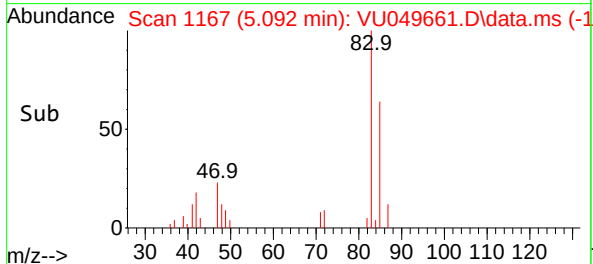
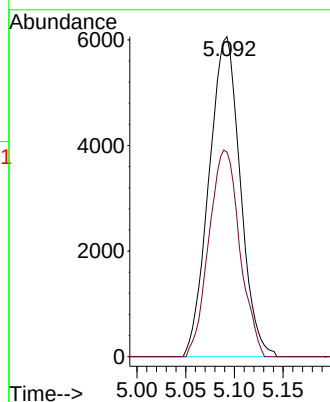
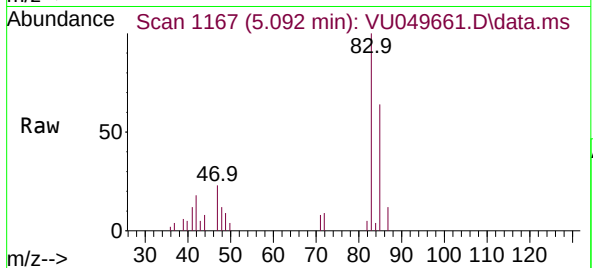
MDL-WATER-03-QT2-2022

Tgt Ion: 83 Resp: 13538

Ion Ratio Lower Upper

83 100

85 63.9 0.0 133.6



#28

1,1,1-Trichloroethane

Concen: 0.730 ug/l

RT: 5.311 min Scan# 1235

Delta R.T. -0.006 min

Lab File: VU049661.D

Acq: 08 Jul 2022 17:32

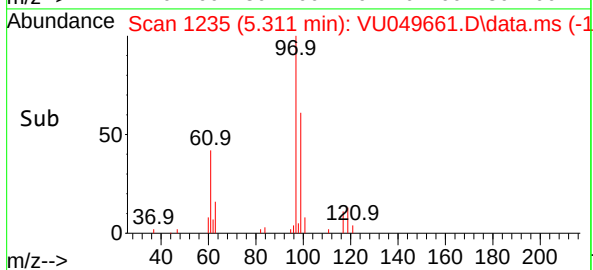
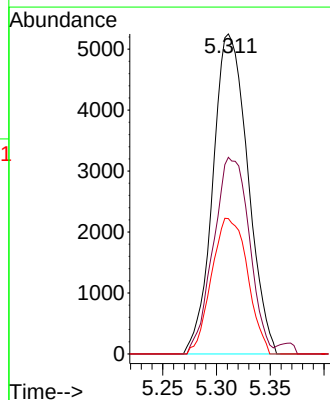
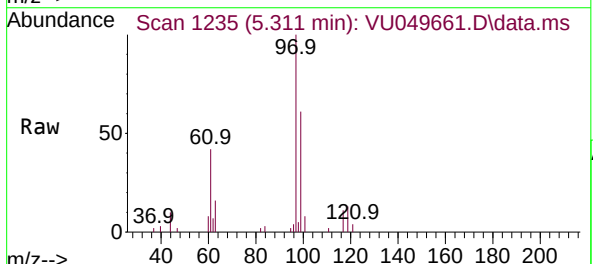
Tgt Ion: 97 Resp: 11879

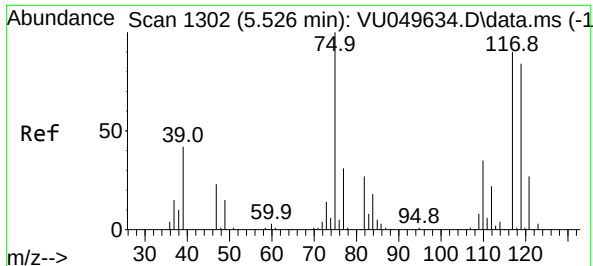
Ion Ratio Lower Upper

97 100

99 63.2 32.1 96.5

61 43.5 21.8 65.4





#29

1,1-Dichloropropene

Concen: 0.671 ug/l

RT: 5.523 min Scan# 11

Delta R.T. -0.003 min

Lab File: VU049661.D

Acq: 08 Jul 2022 17:32

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT2-2022

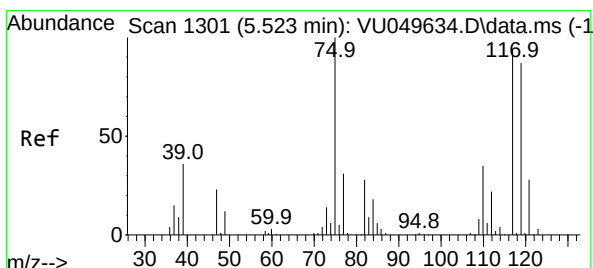
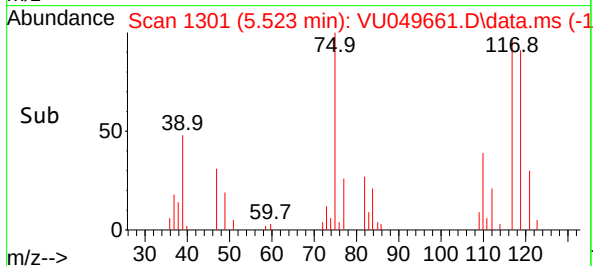
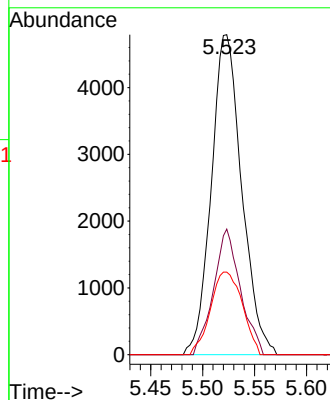
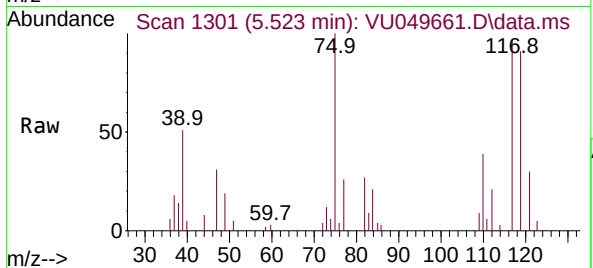
Tgt Ion: 75 Resp: 9750

Ion Ratio Lower Upper

75 100

110 34.7 17.3 52.0

77 27.0 24.6 37.0



#30

Carbon Tetrachloride

Concen: 0.714 ug/l

RT: 5.520 min Scan# 1300

Delta R.T. -0.003 min

Lab File: VU049661.D

Acq: 08 Jul 2022 17:32

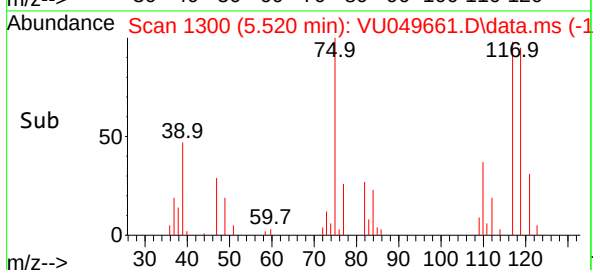
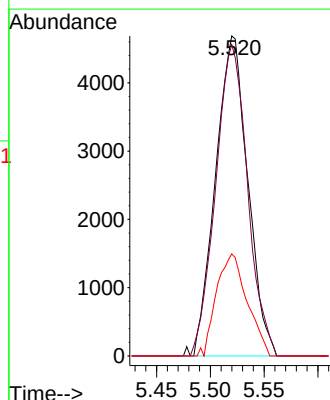
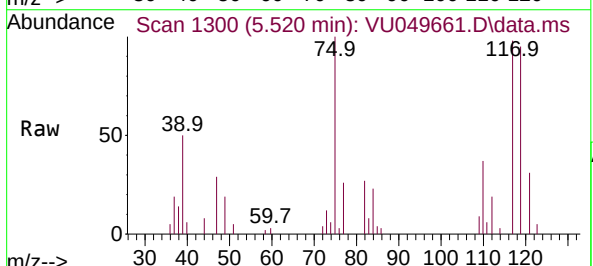
Tgt Ion: 117 Resp: 9779

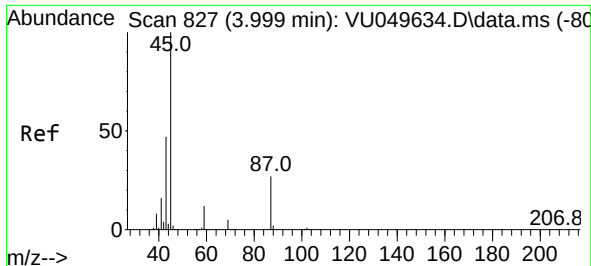
Ion Ratio Lower Upper

117 100

119 97.3 74.6 112.0

121 31.9 24.2 36.4

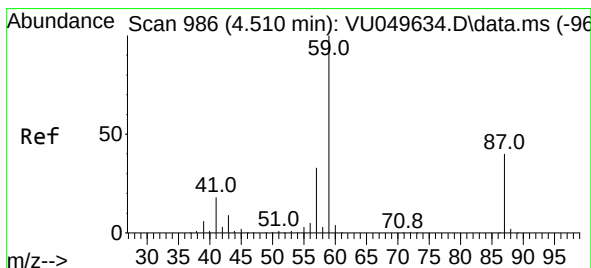
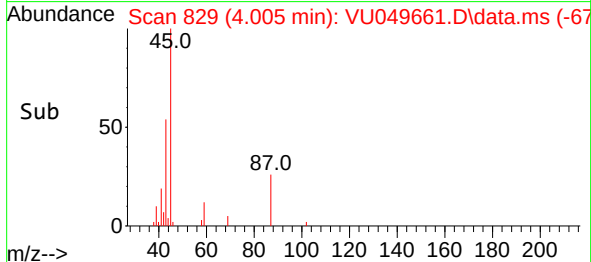
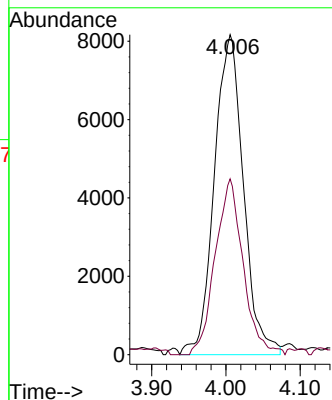
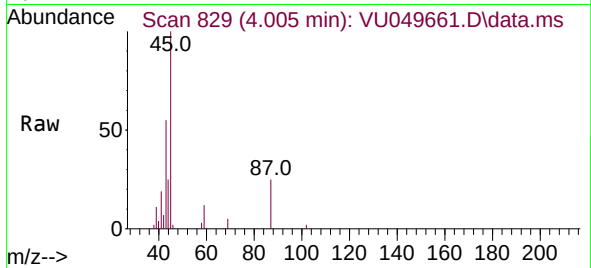




#31
Isopropyl Ether
Concen: 0.691 ug/l
RT: 4.005 min Scan# 827
Delta R.T. 0.006 min
Lab File: VU049661.D
Acq: 08 Jul 2022 17:32

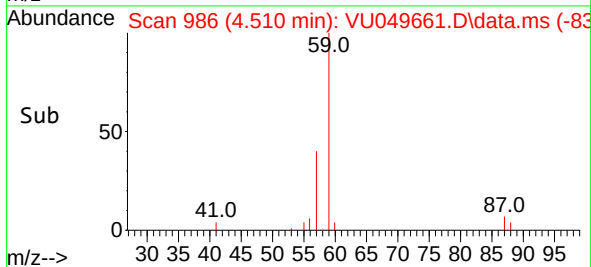
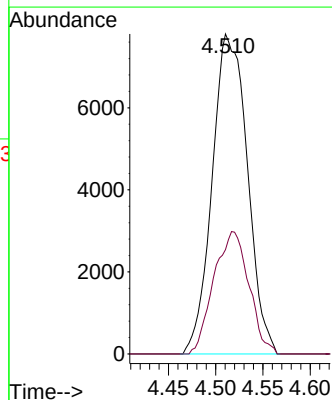
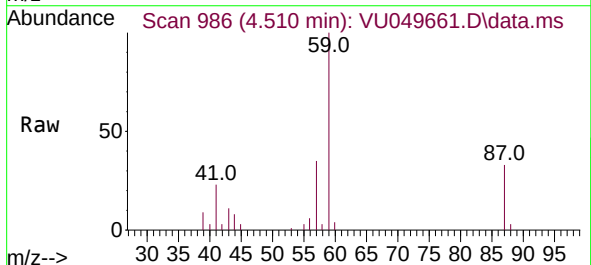
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2022

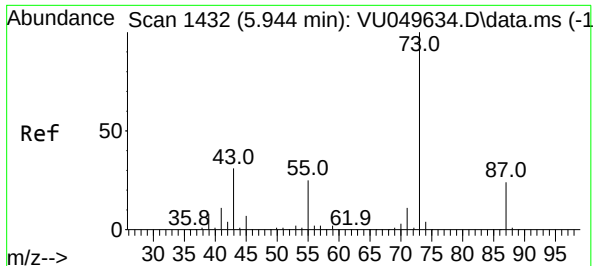
Tgt Ion: 45 Resp: 22220
Ion Ratio Lower Upper
45 100
43 52.7 23.8 71.2



#32
Ethyl-t-butyl ether
Concen: 0.662 ug/l
RT: 4.510 min Scan# 986
Delta R.T. 0.000 min
Lab File: VU049661.D
Acq: 08 Jul 2022 17:32

Tgt Ion: 59 Resp: 20154
Ion Ratio Lower Upper
59 100
87 38.3 32.5 48.7





#33

Tert-Amyl methyl ether

Concen: 0.611 ug/l

RT: 5.948 min Scan# 1432

Delta R.T. 0.003 min

Lab File: VU049661.D

Acq: 08 Jul 2022 17:32

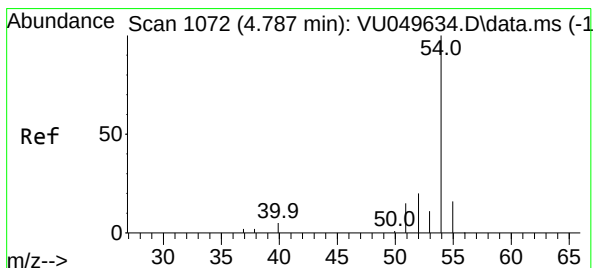
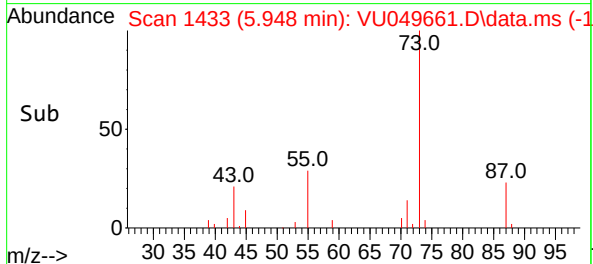
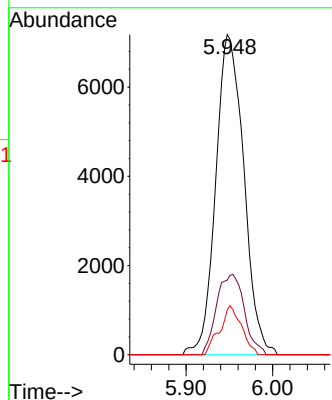
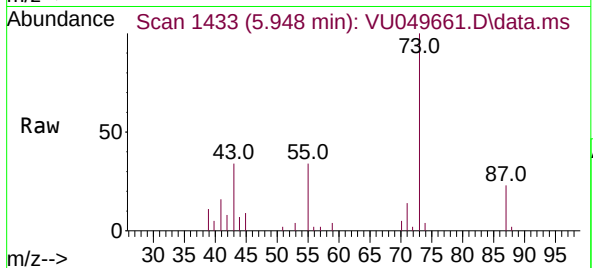
Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT2-2022

Tgt Ion: 73	Resp: 16160
Ion Ratio	Lower Upper
73 100	
87 24.7	19.7 29.5
71 11.9	9.0 13.4



#34

Propionitrile

Concen: 3.497 ug/l

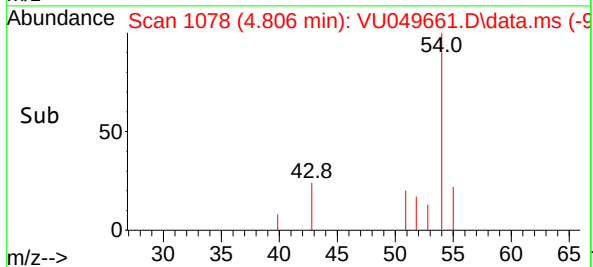
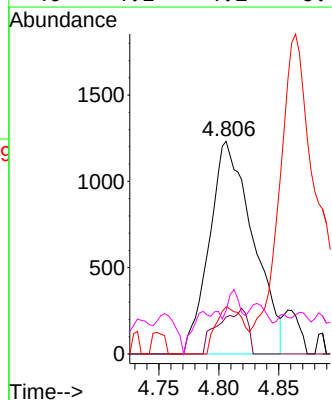
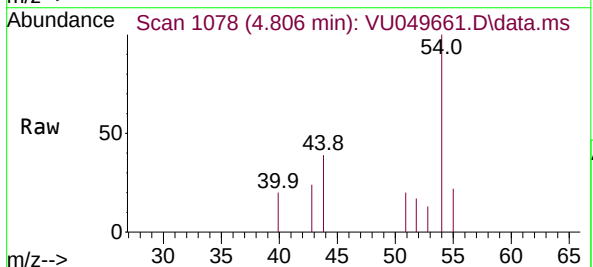
RT: 4.806 min Scan# 1078

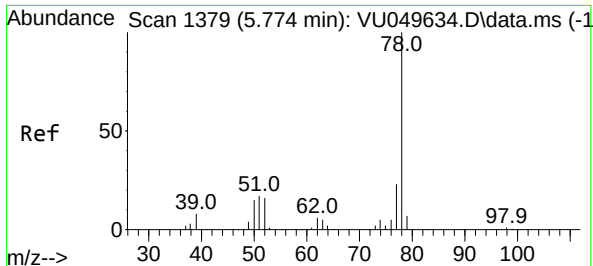
Delta R.T. 0.019 min

Lab File: VU049661.D

Acq: 08 Jul 2022 17:32

Tgt Ion: 54	Resp: 3112
Ion Ratio	Lower Upper
54 100	
52 14.4	15.0 22.6#
55 13.8	12.6 19.0
40 4.1	4.2 6.4#





#35

Benzene

Concen: 0.664 ug/l

RT: 5.771 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU049661.D

Acq: 08 Jul 2022 17:32

Instrument :

MSVOA_U

ClientSampleId :

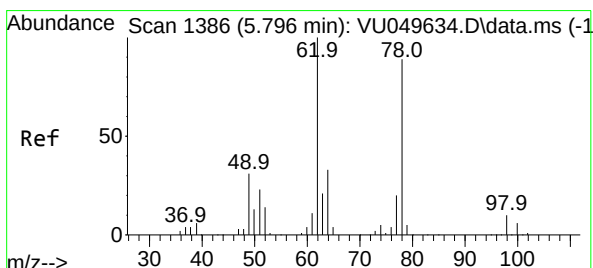
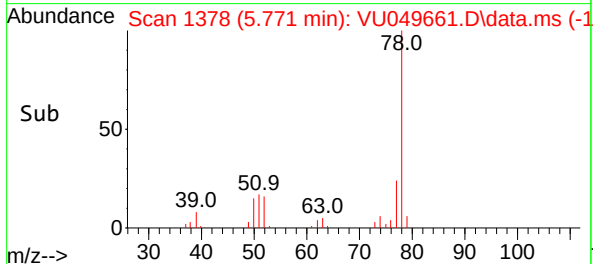
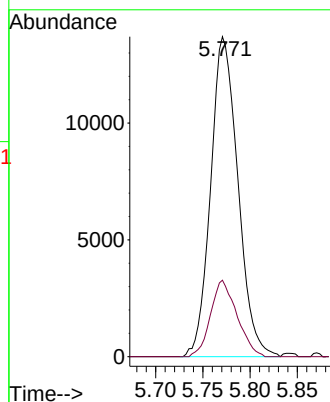
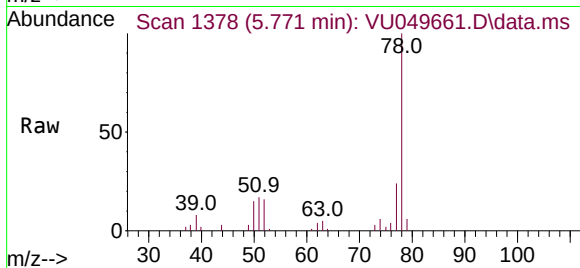
MDL-WATER-03-QT2-2022

Tgt Ion: 78 Resp: 27462

Ion Ratio Lower Upper

78 100

77 23.9 18.6 28.0



#36

1,2-Dichloroethane

Concen: 0.780 ug/l

RT: 5.796 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VU049661.D

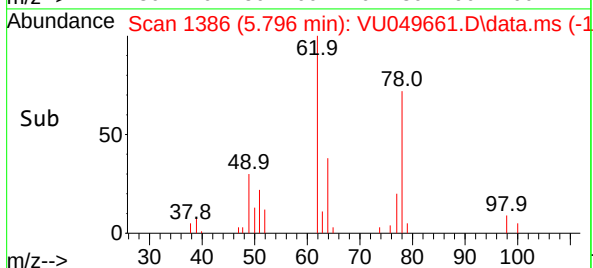
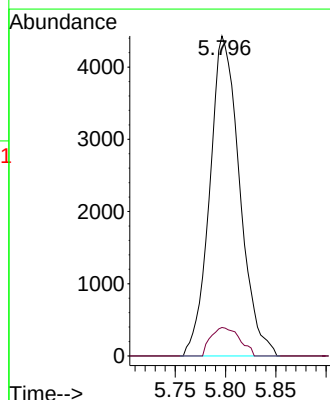
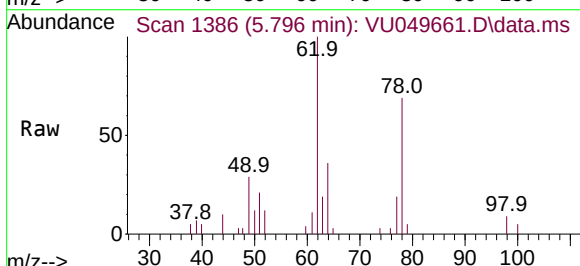
Acq: 08 Jul 2022 17:32

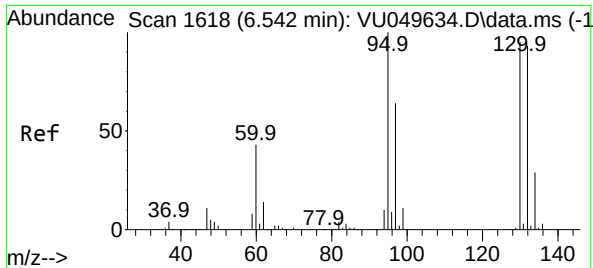
Tgt Ion: 62 Resp: 9174

Ion Ratio Lower Upper

62 100

98 8.6 7.4 11.0

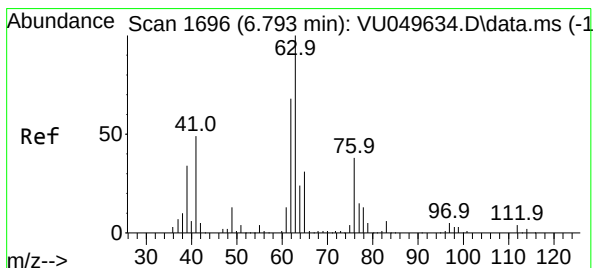
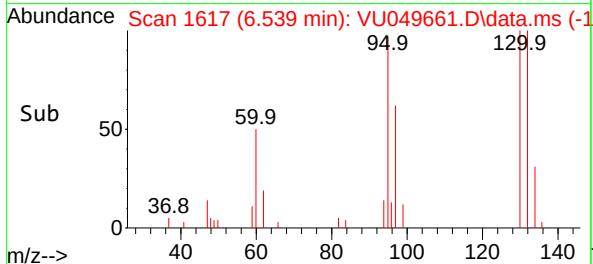
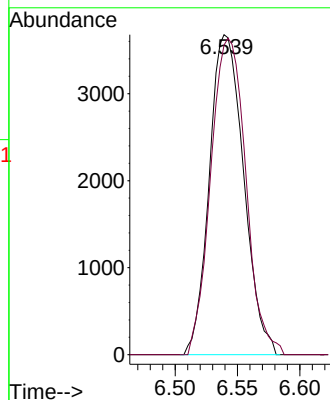
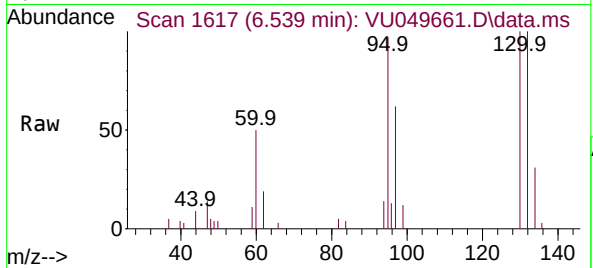




#37
Trichloroethene
Concen: 0.673 ug/l
RT: 6.539 min Scan# 1617
Delta R.T. -0.003 min
Lab File: VU049661.D
Acq: 08 Jul 2022 17:32

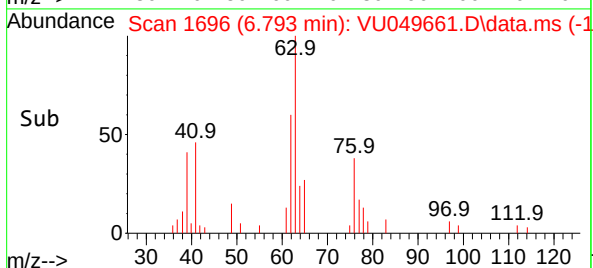
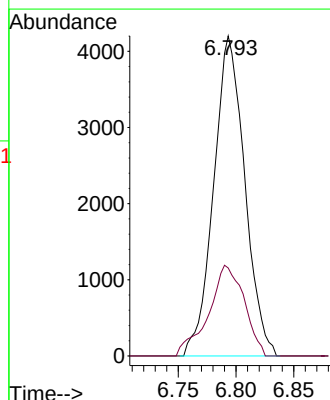
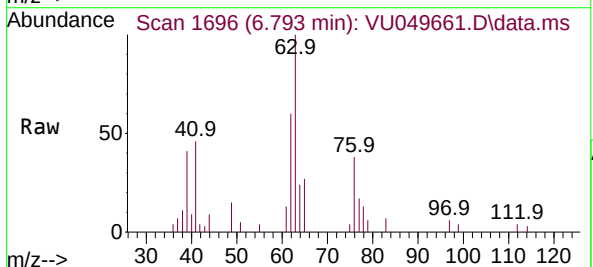
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2022

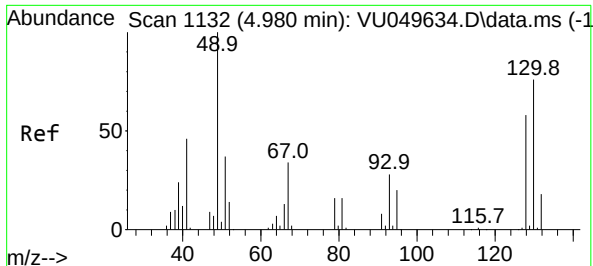
Tgt Ion:130 Resp: 7045
Ion Ratio Lower Upper
130 100
95 96.7 83.8 125.8



#38
1,2-Dichloropropane
Concen: 0.718 ug/l
RT: 6.793 min Scan# 1696
Delta R.T. 0.000 min
Lab File: VU049661.D
Acq: 08 Jul 2022 17:32

Tgt Ion: 63 Resp: 7872
Ion Ratio Lower Upper
63 100
65 27.5 25.0 37.4





#39

Methacrylonitrile

Concen: 0.689 ug/l

RT: 4.989 min Scan# 1132

Delta R.T. 0.009 min

Lab File: VU049661.D

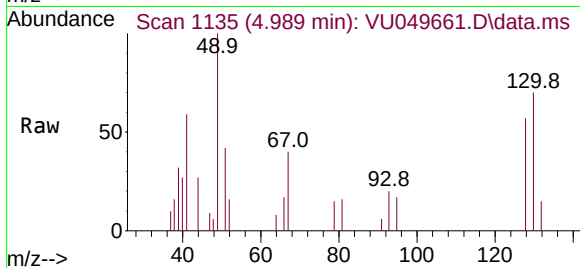
Acq: 08 Jul 2022 17:32

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT2-2022



Tgt Ion: 41 Resp: 2628

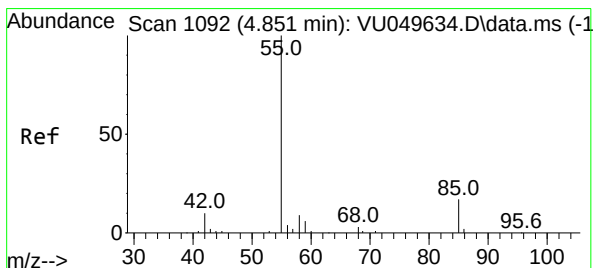
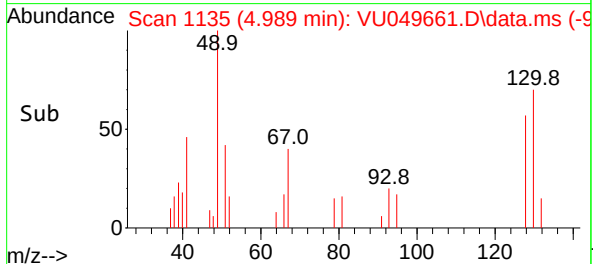
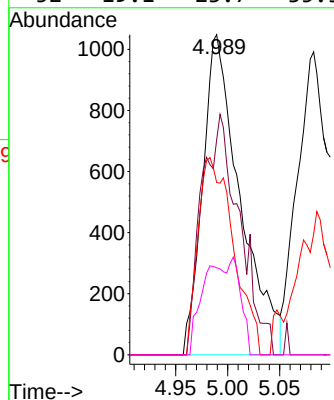
Ion Ratio Lower Upper

41 100

67 76.0 59.4 89.0

39 58.4 42.2 63.2

52 19.1 23.7 35.5#



#40

Methyl acrylate

Concen: 0.718 ug/l

RT: 4.864 min Scan# 1096

Delta R.T. 0.013 min

Lab File: VU049661.D

Acq: 08 Jul 2022 17:32

Tgt Ion: 55 Resp: 4287

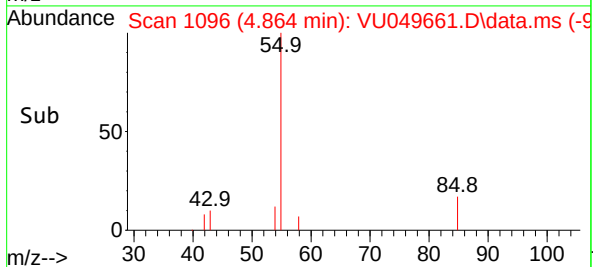
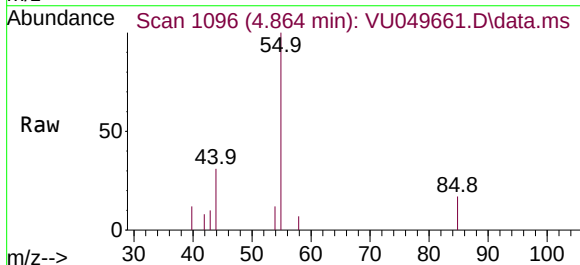
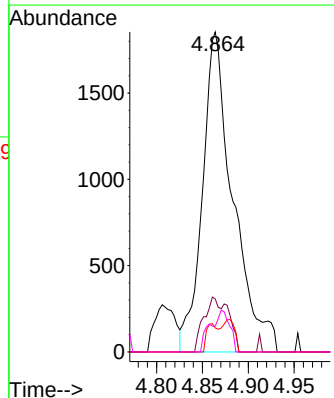
Ion Ratio Lower Upper

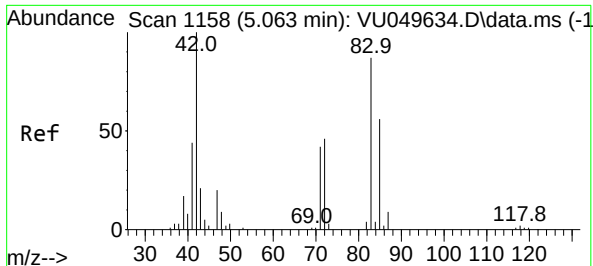
55 100

85 9.3 13.5 20.3#

58 3.2 7.0 10.4#

42 0.0 7.0 10.6#





#41

Tetrahydrofuran

Concen: 1.556 ug/l

RT: 5.070 min Scan# 1158

Delta R.T. 0.007 min

Lab File: VU049661.D

Acq: 08 Jul 2022 17:32

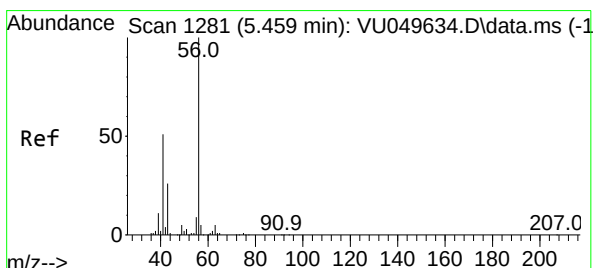
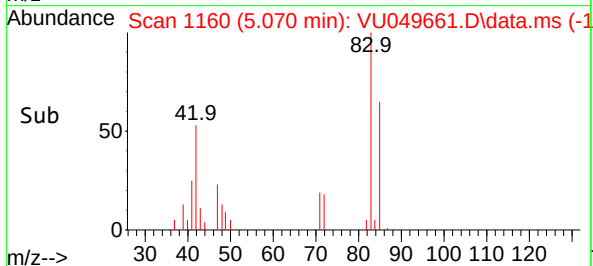
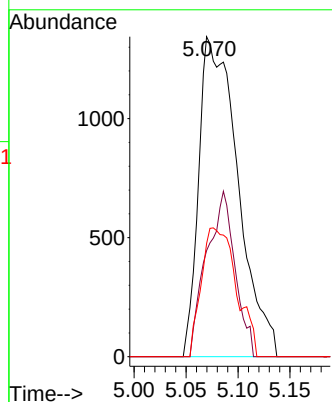
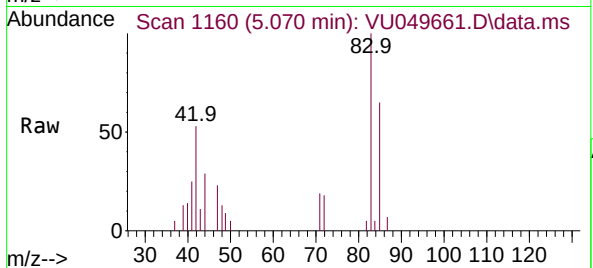
Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT2-2022

Tgt Ion:	42	Resp:	3508
Ion	Ratio	Lower	Upper
42	100		
72	37.8	38.9	58.3#
71	36.0	33.7	50.5



#42

1-Chlorobutane

Concen: 0.660 ug/l

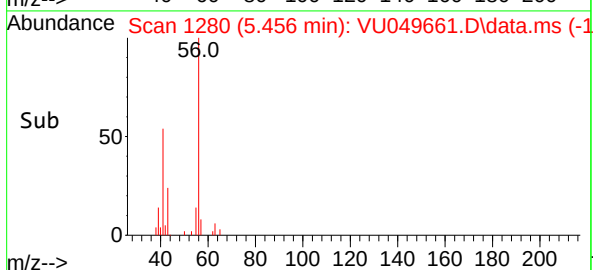
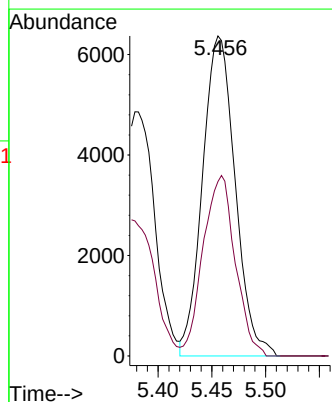
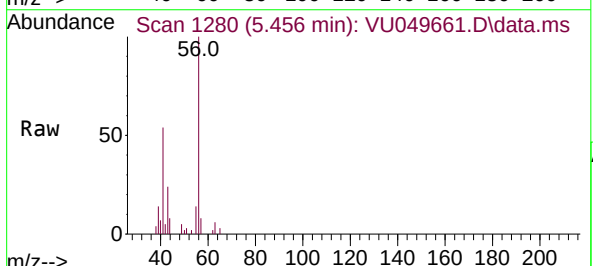
RT: 5.456 min Scan# 1280

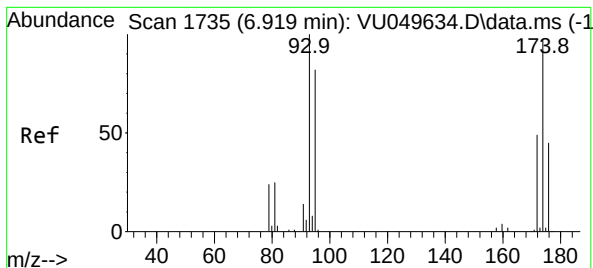
Delta R.T. -0.003 min

Lab File: VU049661.D

Acq: 08 Jul 2022 17:32

Tgt Ion:	56	Resp:	13450
Ion	Ratio	Lower	Upper
56	100		
41	55.6	26.4	79.2





#43

Dibromomethane

Concen: 0.702 ug/l

RT: 6.919 min Scan# 1735

Delta R.T. 0.000 min

Lab File: VU049661.D

Acq: 08 Jul 2022 17:32

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT2-2022

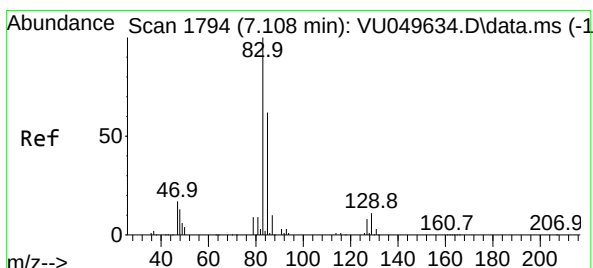
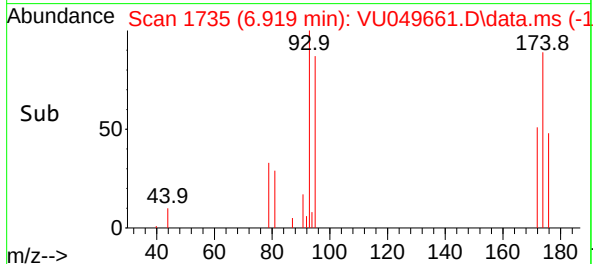
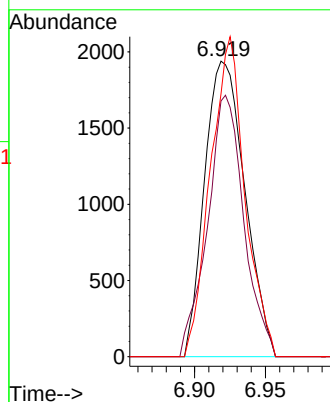
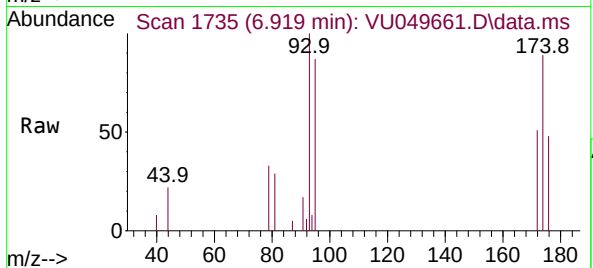
Tgt Ion: 93 Resp: 3834

Ion Ratio Lower Upper

93 100

95 79.7 65.0 97.6

174 92.9 76.3 114.5



#44

Bromodichloromethane

Concen: 0.701 ug/l

RT: 7.108 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VU049661.D

Acq: 08 Jul 2022 17:32

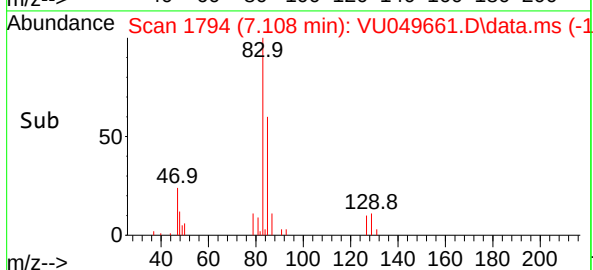
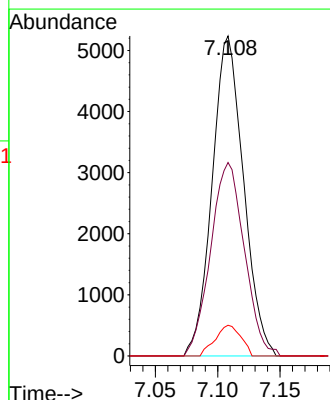
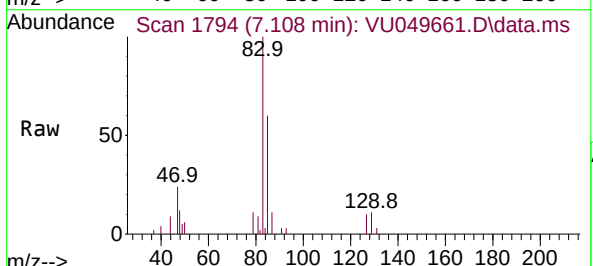
Tgt Ion: 83 Resp: 9171

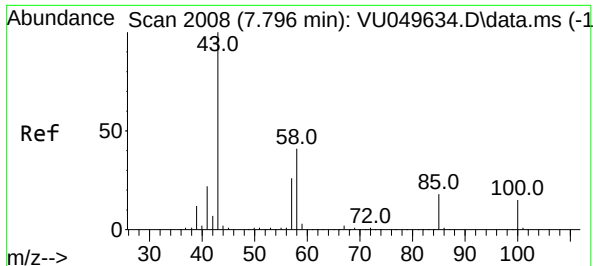
Ion Ratio Lower Upper

83 100

85 60.5 49.4 74.0

127 9.6 6.6 10.0





#45

4-Methyl-2-Pentanone

Concen: 3.475 ug/l

RT: 7.803 min Scan# 20

Delta R.T. 0.006 min

Lab File: VU049661.D

Acq: 08 Jul 2022 17:32

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT2-2022

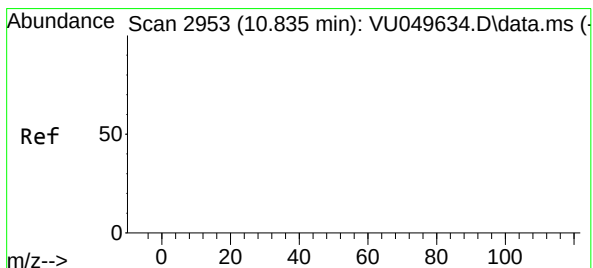
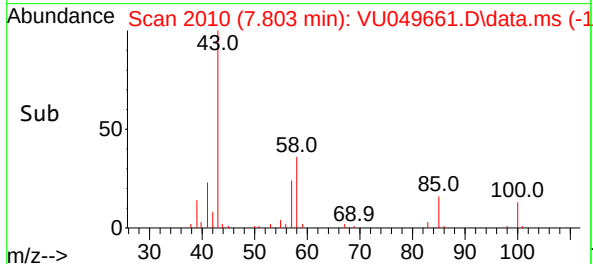
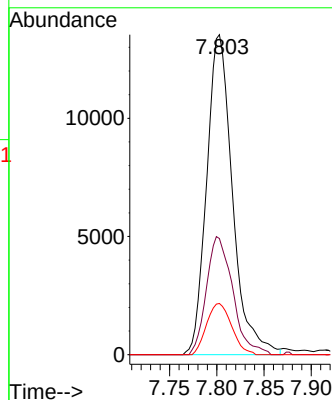
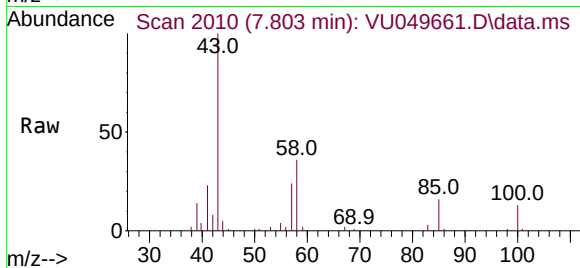
Tgt Ion: 43 Resp: 25753

Ion Ratio Lower Upper

43 100

58 37.5 20.3 61.0

85 15.5 14.6 21.8



#46

t-1,4-Dichloro-2-butene

Concen: 3.224 ug/l

RT: 10.822 min Scan# 2949

Delta R.T. -0.013 min

Lab File: VU049661.D

Acq: 08 Jul 2022 17:32

Tgt Ion: 75 Resp: 7774

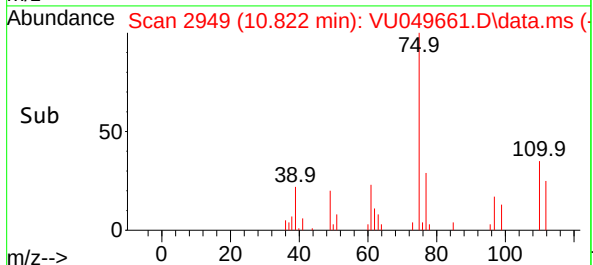
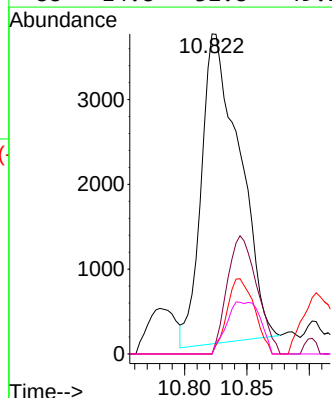
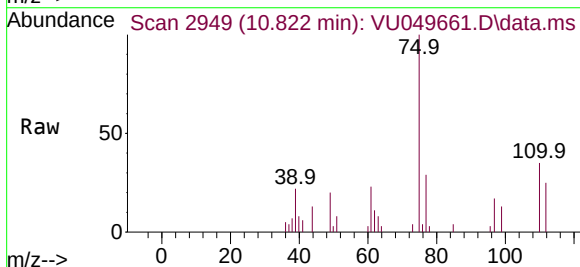
Ion Ratio Lower Upper

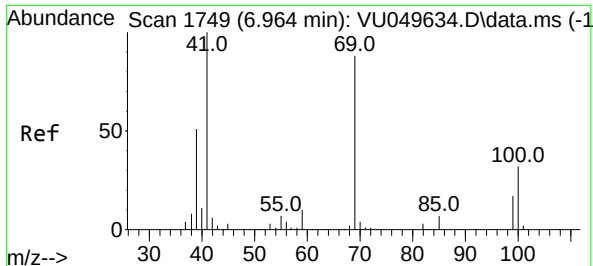
75 100

53 29.8 64.4 96.6#

89 17.4 44.2 66.2#

88 14.8 32.8 49.2#





#47

Methyl methacrylate

Concen: 1.241 ug/l

RT: 6.967 min Scan# 1750

Delta R.T. 0.003 min

Lab File: VU049661.D

Acq: 08 Jul 2022 17:32

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT2-2022

Tgt Ion: 69 Resp: 6832

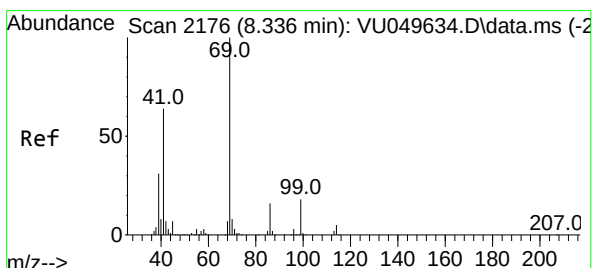
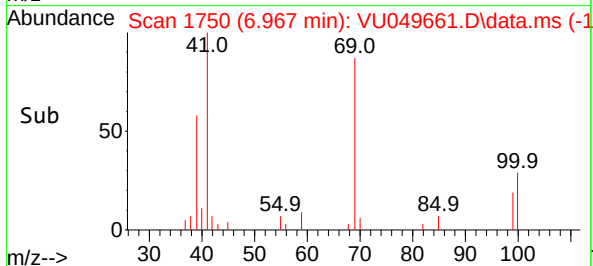
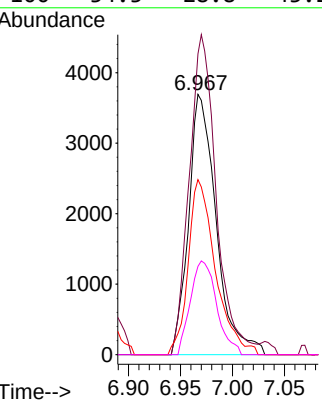
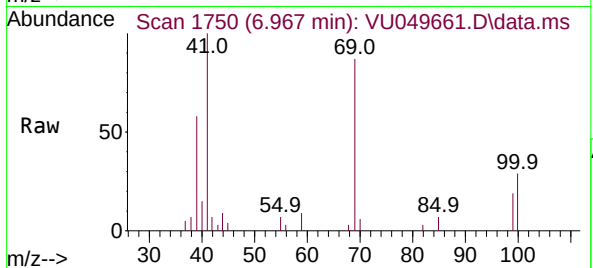
Ion Ratio Lower Upper

69 100

41 120.1 0.0 225.4

39 66.4 45.8 68.8

100 34.3 28.8 43.2



#48

Ethyl methacrylate

Concen: 0.623 ug/l

RT: 8.340 min Scan# 2177

Delta R.T. 0.003 min

Lab File: VU049661.D

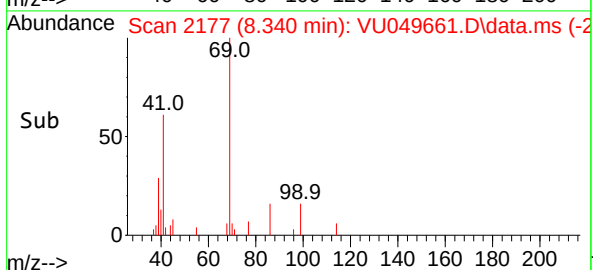
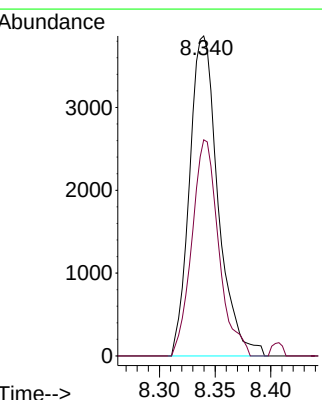
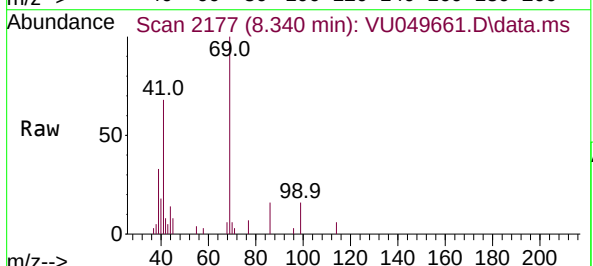
Acq: 08 Jul 2022 17:32

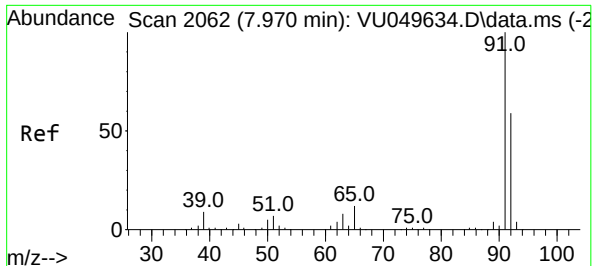
Tgt Ion: 69 Resp: 6885

Ion Ratio Lower Upper

69 100

41 63.3 32.3 96.9





#49

Toluene

Concen: 0.632 ug/l

RT: 7.970 min Scan# 2062

Delta R.T. 0.000 min

Lab File: VU049661.D

Acq: 08 Jul 2022 17:32

Instrument :

MSVOA_U

ClientSampleId :

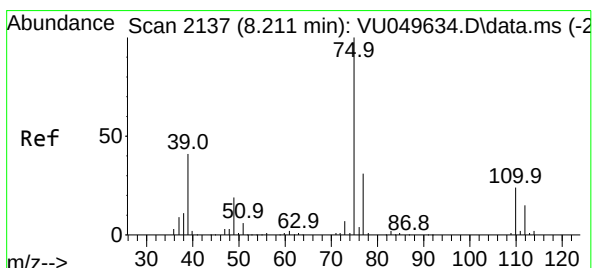
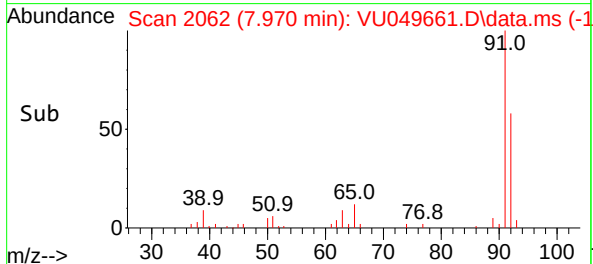
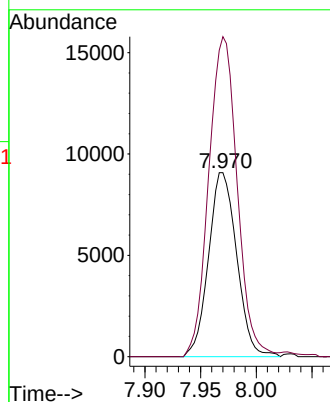
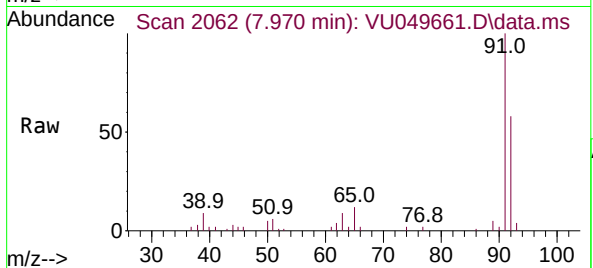
MDL-WATER-03-QT2-2022

Tgt Ion: 92 Resp: 15984

Ion Ratio Lower Upper

92 100

91 175.4 138.6 207.8



#50

t-1,3-Dichloropropene

Concen: 0.631 ug/l

RT: 8.211 min Scan# 2137

Delta R.T. 0.000 min

Lab File: VU049661.D

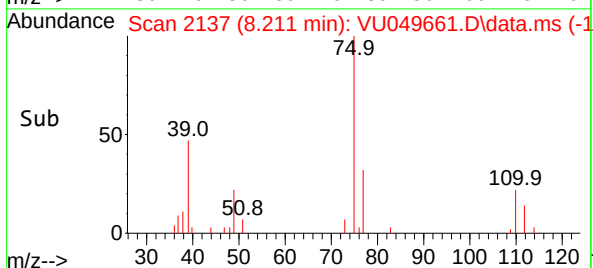
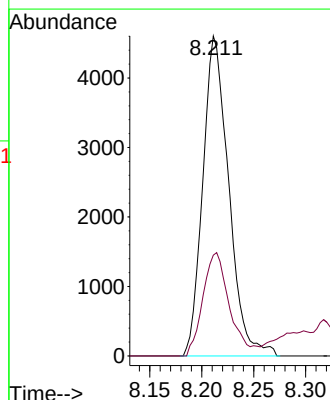
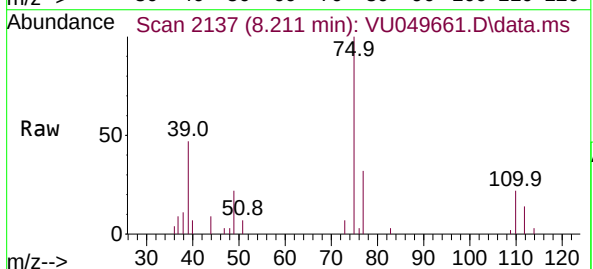
Acq: 08 Jul 2022 17:32

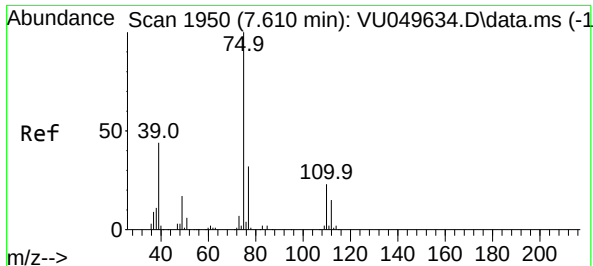
Tgt Ion: 75 Resp: 7977

Ion Ratio Lower Upper

75 100

77 31.5 24.7 37.1

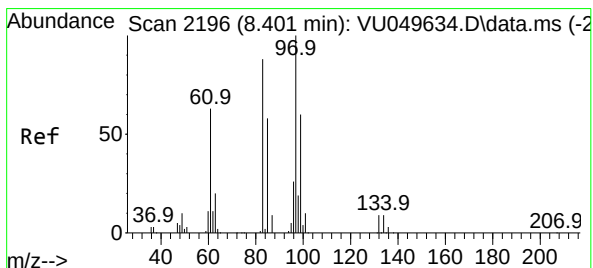
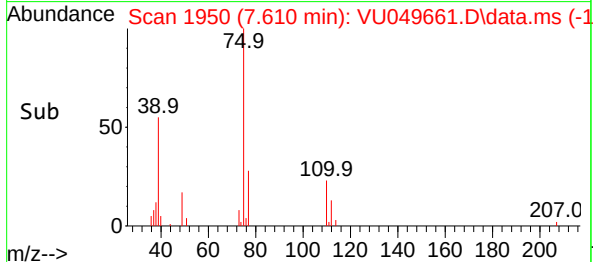
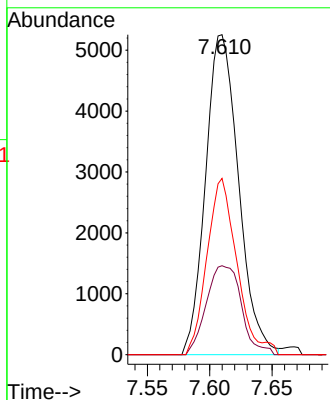
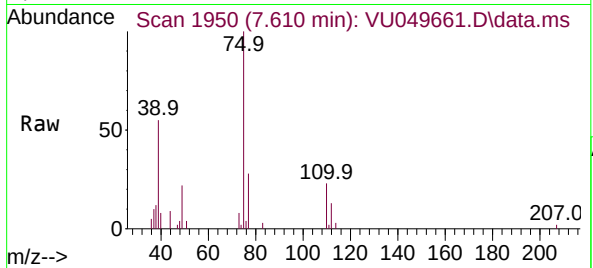




#51
 cis-1,3-Dichloropropene
 Concen: 0.647 ug/l
 RT: 7.610 min Scan# 1950
 Delta R.T. 0.000 min
 Lab File: VU049661.D
 Acq: 08 Jul 2022 17:32

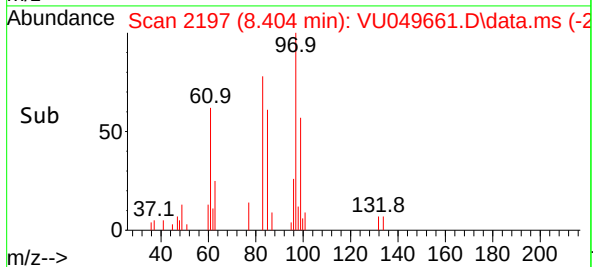
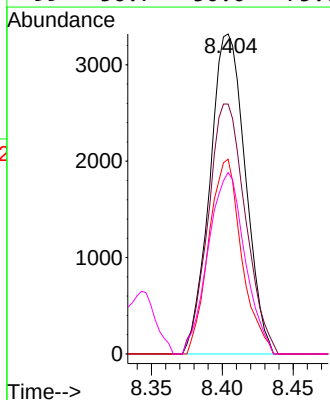
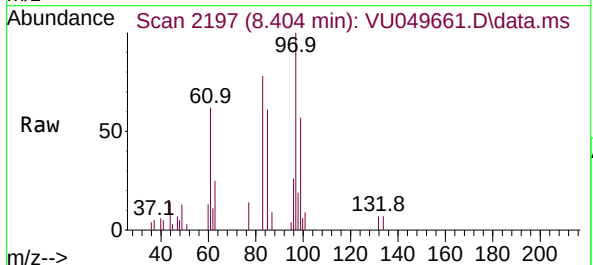
Instrument : MSVOA_U
 ClientSampleId : MDL-WATER-03-QT2-2022

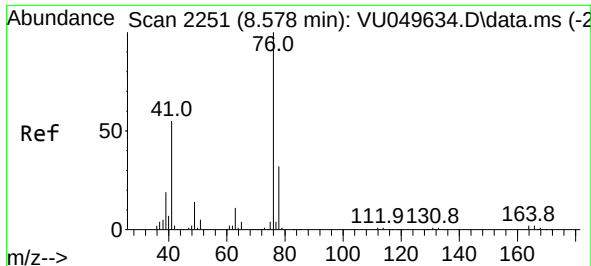
Tgt Ion:	75	Resp:	9695
Ion	Ratio	Lower	Upper
75	100		
77	27.8	25.4	38.0
39	55.1	35.1	52.7#



#52
 1,1,2-Trichloroethane
 Concen: 0.768 ug/l
 RT: 8.404 min Scan# 2197
 Delta R.T. 0.003 min
 Lab File: VU049661.D
 Acq: 08 Jul 2022 17:32

Tgt Ion:	97	Resp:	5788
Ion	Ratio	Lower	Upper
97	100		
83	78.1	70.6	106.0
85	60.8	46.2	69.4
99	56.7	50.0	75.0





#53

1,3-Dichloropropane

Concen: 0.719 ug/l

RT: 8.578 min Scan# 2251

Delta R.T. 0.000 min

Lab File: VU049661.D

Acq: 08 Jul 2022 17:32

Instrument :

MSVOA_U

ClientSampleId :

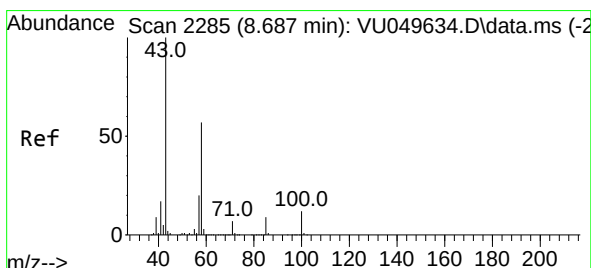
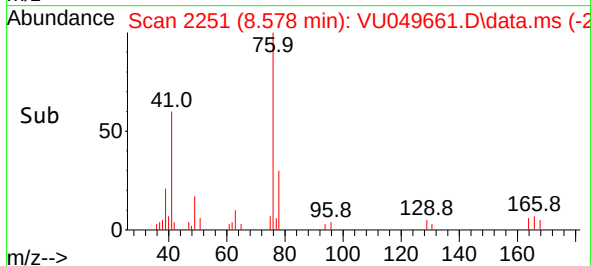
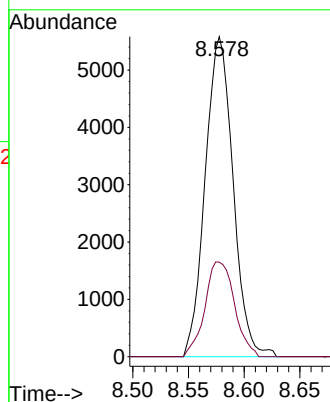
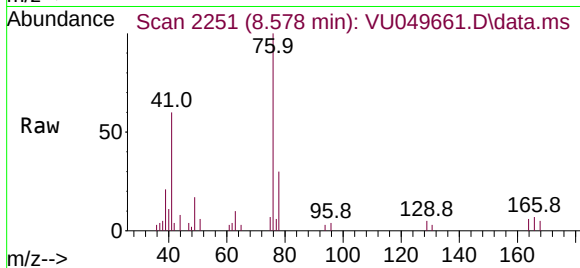
MDL-WATER-03-QT2-2022

Tgt Ion: 76 Resp: 9718

Ion Ratio Lower Upper

76 100

78 31.4 26.0 39.0



#54

2-Hexanone

Concen: 3.359 ug/l

RT: 8.693 min Scan# 2287

Delta R.T. 0.006 min

Lab File: VU049661.D

Acq: 08 Jul 2022 17:32

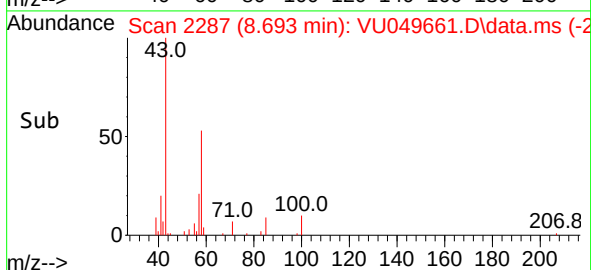
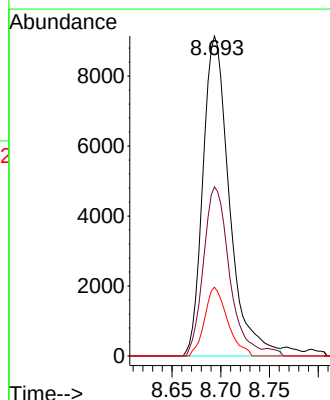
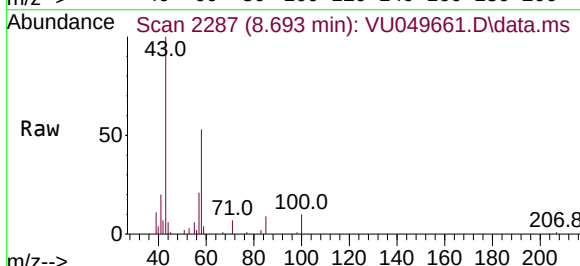
Tgt Ion: 43 Resp: 17288

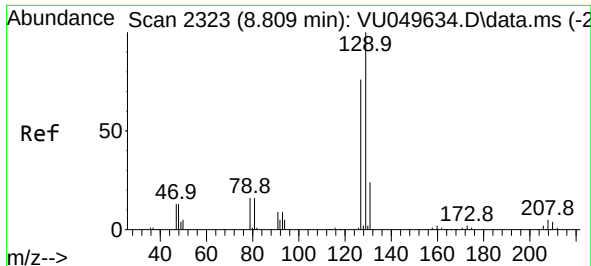
Ion Ratio Lower Upper

43 100

58 51.8 37.1 77.1

57 18.6 0.0 39.5





#55

Dibromochloromethane

Concen: 0.704 ug/l

RT: 8.812 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU049661.D

Acq: 08 Jul 2022 17:32

Instrument :

MSVOA_U

ClientSampleId :

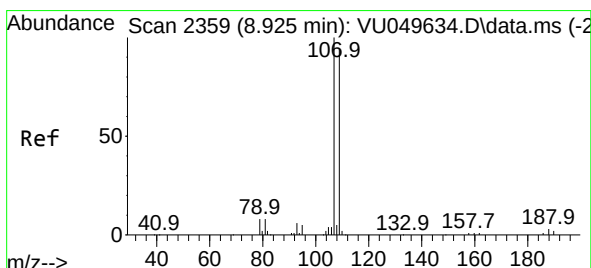
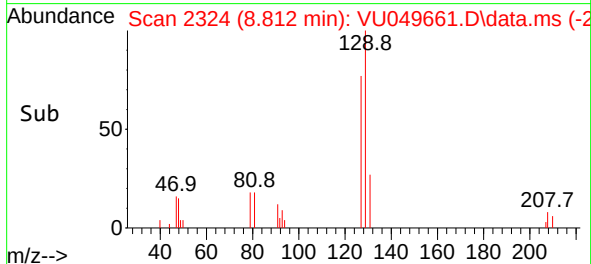
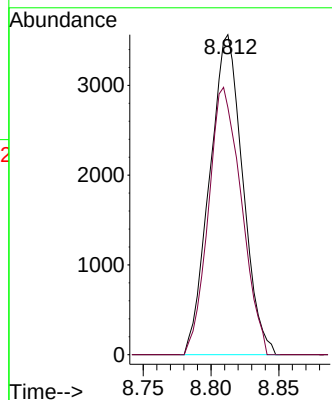
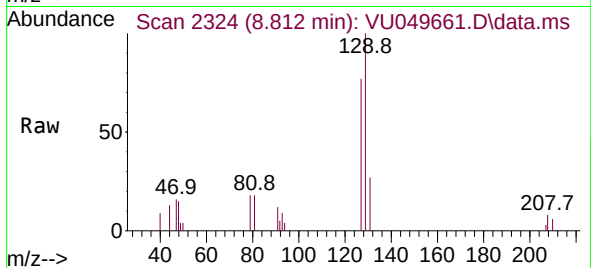
MDL-WATER-03-QT2-2022

Tgt Ion:129 Resp: 6058

Ion Ratio Lower Upper

129 100

127 83.1 61.2 91.8



#56

1,2-Dibromoethane

Concen: 0.694 ug/l

RT: 8.925 min Scan# 2359

Delta R.T. 0.000 min

Lab File: VU049661.D

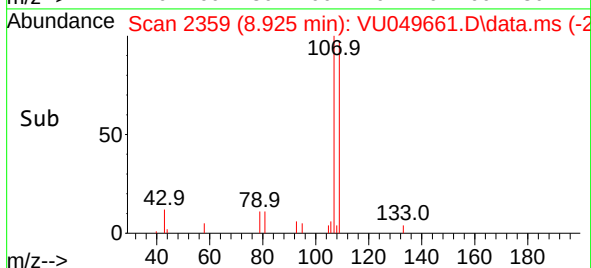
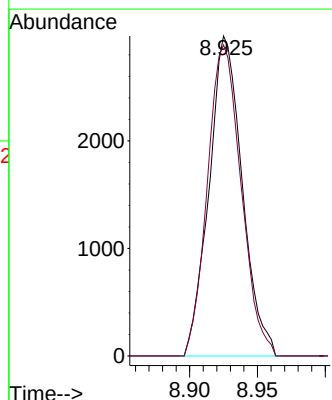
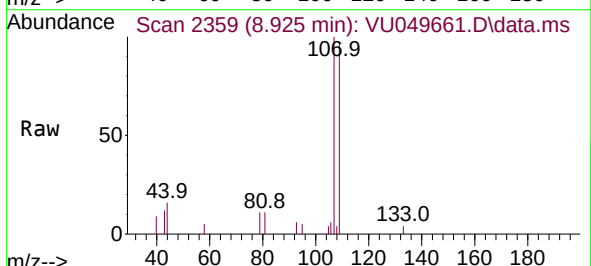
Acq: 08 Jul 2022 17:32

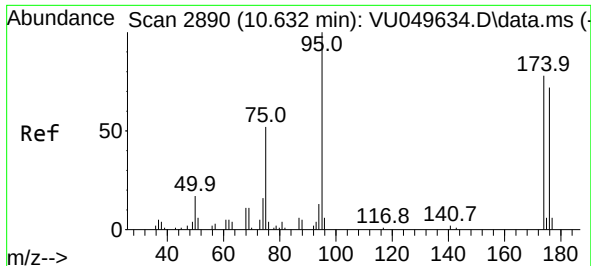
Tgt Ion:107 Resp: 5061

Ion Ratio Lower Upper

107 100

109 98.7 0.0 187.2

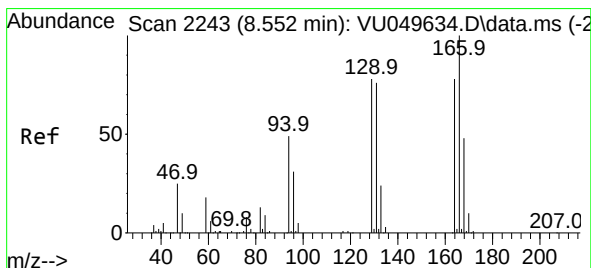
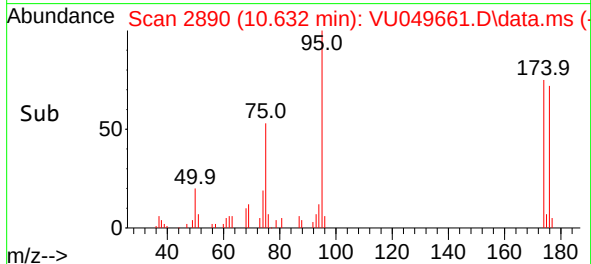
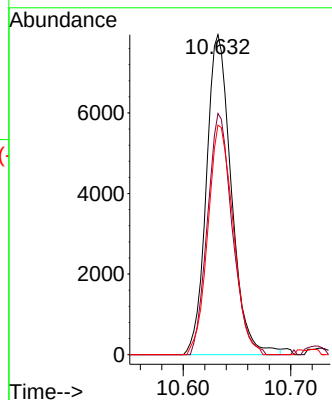
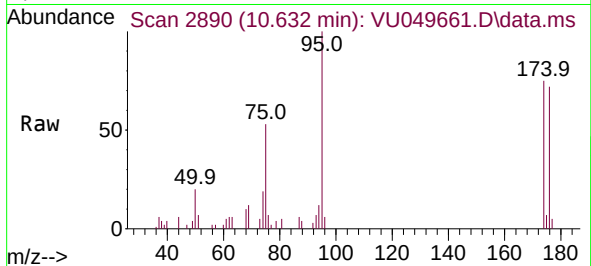




#57
4-Bromofluorobenzene
Concen: 0.921 ug/l
RT: 10.632 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU049661.D
Acq: 08 Jul 2022 17:32

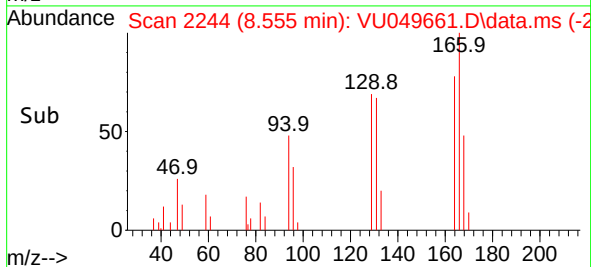
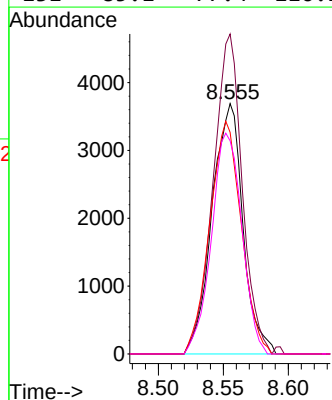
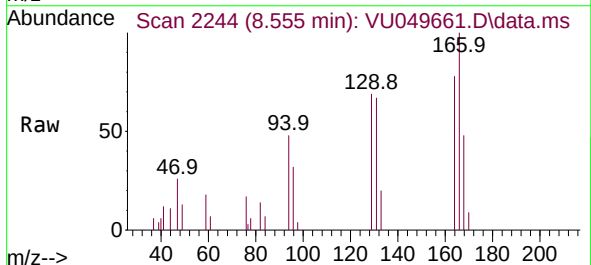
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2022

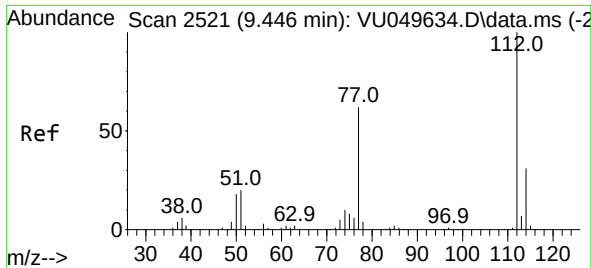
Tgt Ion:	95	Resp:	12841
Ion	Ratio	Lower	Upper
95	100		
174	74.8	62.4	93.6
176	72.7	56.2	84.2



#58
Tetrachloroethene
Concen: 0.699 ug/l
RT: 8.555 min Scan# 2244
Delta R.T. 0.003 min
Lab File: VU049661.D
Acq: 08 Jul 2022 17:32

Tgt Ion:	164	Resp:	6082
Ion	Ratio	Lower	Upper
164	100		
166	127.8	102.4	153.6
129	88.5	79.5	119.3
131	85.1	77.4	116.2

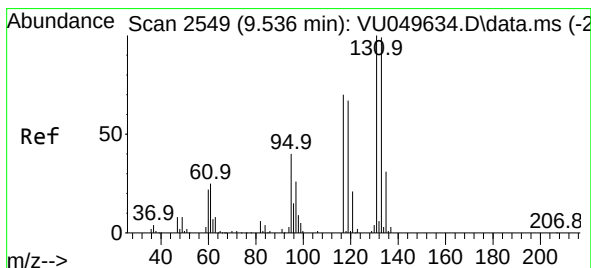
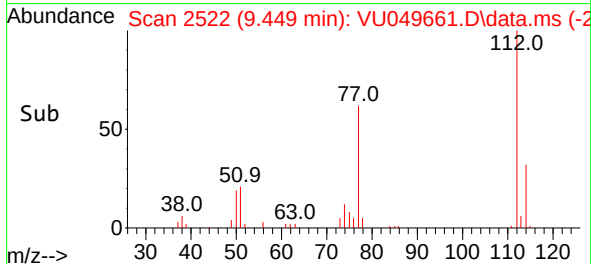
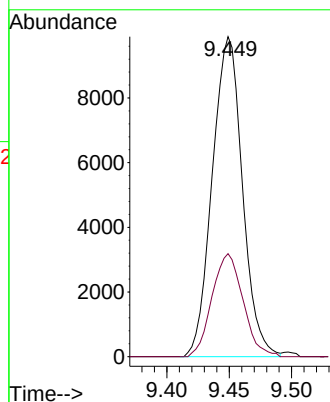
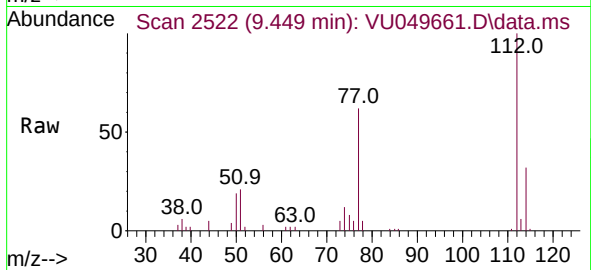




#59
Chlorobenzene
Concen: 0.630 ug/l
RT: 9.449 min Scan# 2521
Delta R.T. 0.003 min
Lab File: VU049661.D
Acq: 08 Jul 2022 17:32

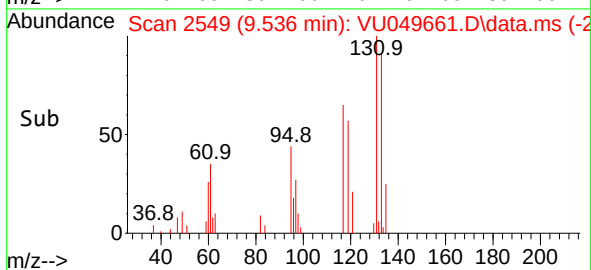
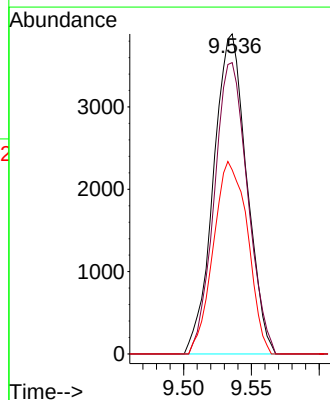
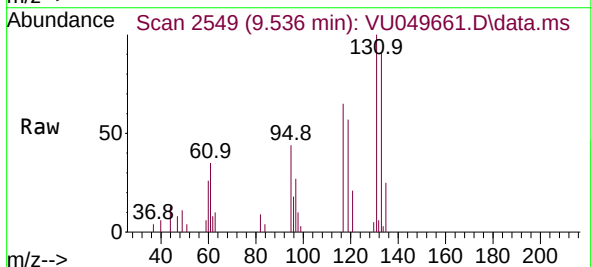
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2022

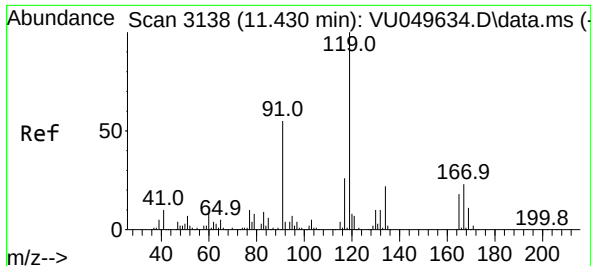
Tgt Ion:112 Resp: 16653
Ion Ratio Lower Upper
112 100
114 32.2 24.9 37.3



#60
1,1,1,2-Tetrachloroethane
Concen: 0.705 ug/l
RT: 9.536 min Scan# 2549
Delta R.T. 0.000 min
Lab File: VU049661.D
Acq: 08 Jul 2022 17:32

Tgt Ion:131 Resp: 6635
Ion Ratio Lower Upper
131 100
133 91.0 78.3 117.5
119 61.9 53.2 79.8

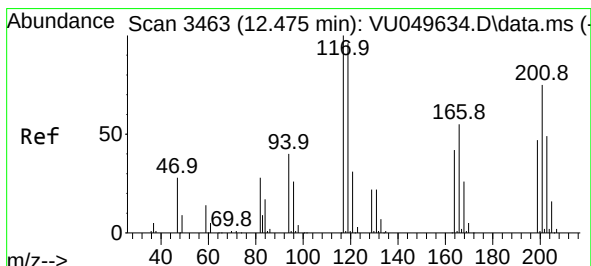
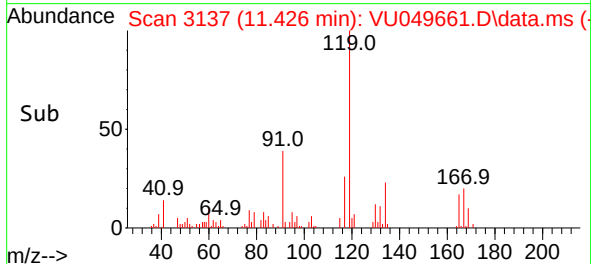
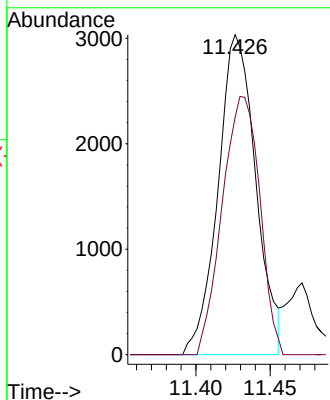
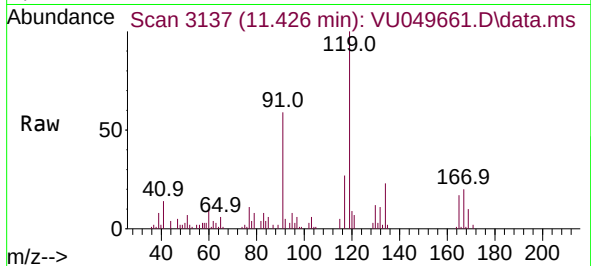




#61
 Pentachloroethane
 Concen: 0.743 ug/l
 RT: 11.426 min Scan# 3137
 Delta R.T. -0.003 min
 Lab File: VU049661.D
 Acq: 08 Jul 2022 17:32

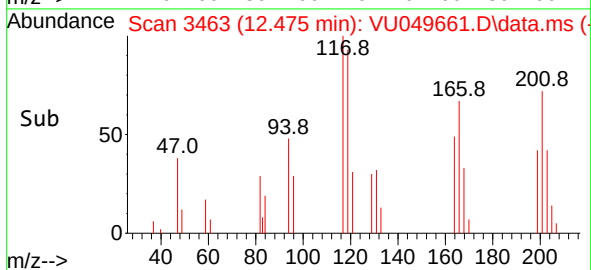
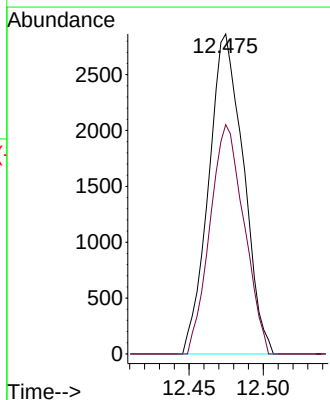
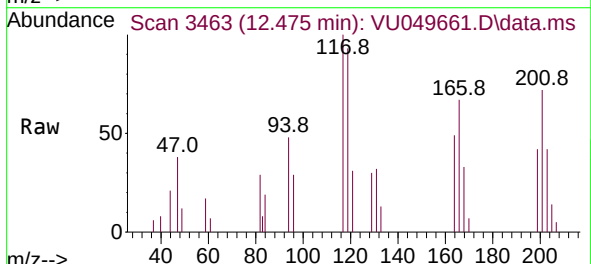
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-03-QT2-2022

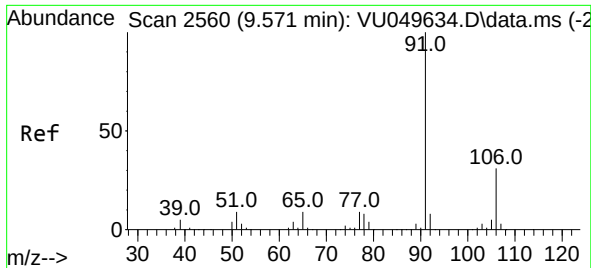
Tgt Ion:117 Resp: 5365
 Ion Ratio Lower Upper
 117 100
 167 80.1 66.2 99.4



#62
 Hexachloroethane
 Concen: 0.645 ug/l
 RT: 12.475 min Scan# 3463
 Delta R.T. 0.000 min
 Lab File: VU049661.D
 Acq: 08 Jul 2022 17:32

Tgt Ion:117 Resp: 4663
 Ion Ratio Lower Upper
 117 100
 201 70.2 61.0 91.4

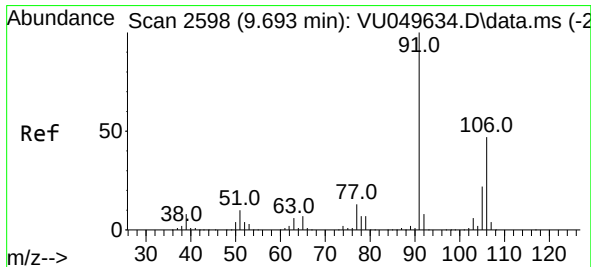
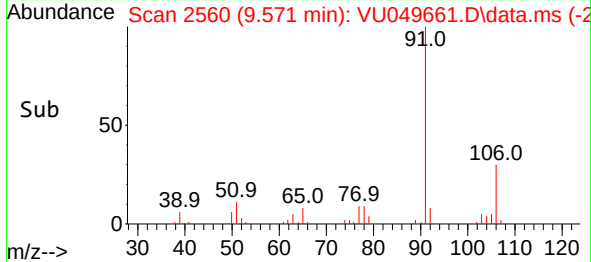
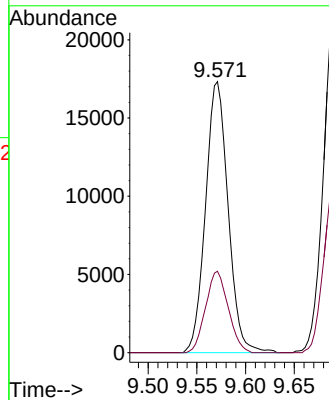
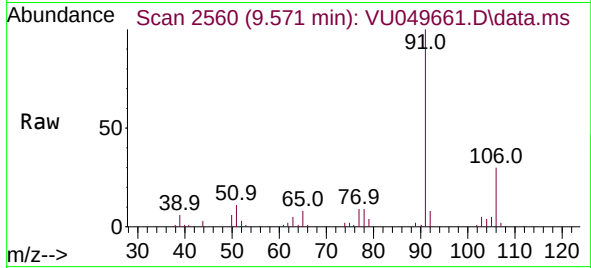




#63
Ethyl Benzene
Concen: 0.588 ug/l
RT: 9.571 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU049661.D
Acq: 08 Jul 2022 17:32

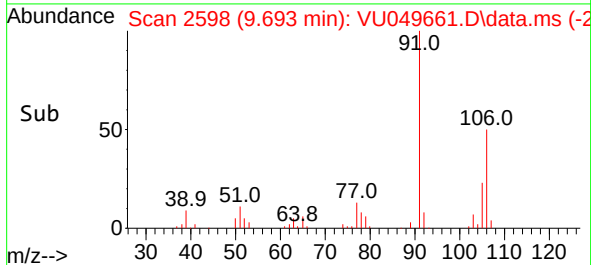
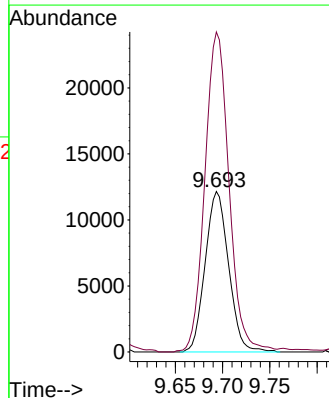
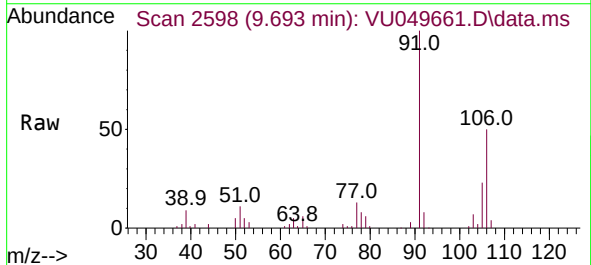
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2022

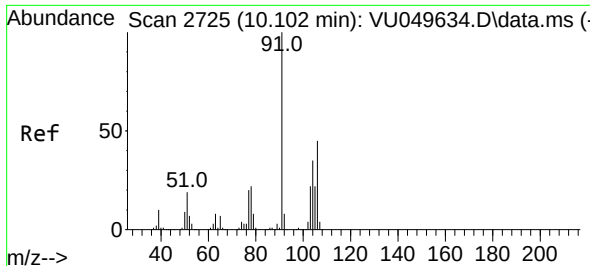
Tgt Ion: 91 Resp: 27977
Ion Ratio Lower Upper
91 100
106 30.1 24.4 36.6



#64
m/p-Xylenes
Concen: 1.191 ug/l
RT: 9.693 min Scan# 2598
Delta R.T. 0.000 min
Lab File: VU049661.D
Acq: 08 Jul 2022 17:32

Tgt Ion: 106 Resp: 20971
Ion Ratio Lower Upper
106 100
91 205.2 167.8 251.6

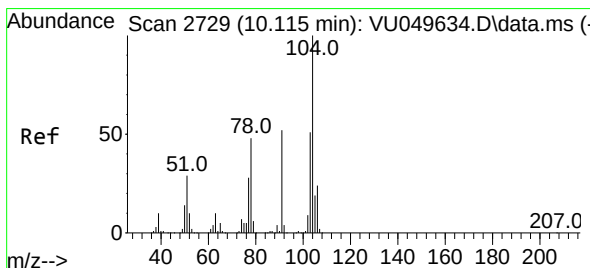
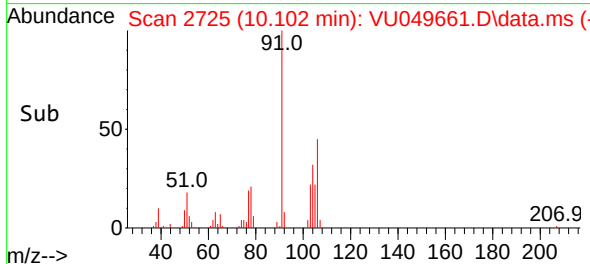
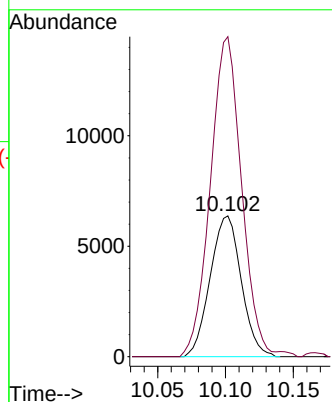
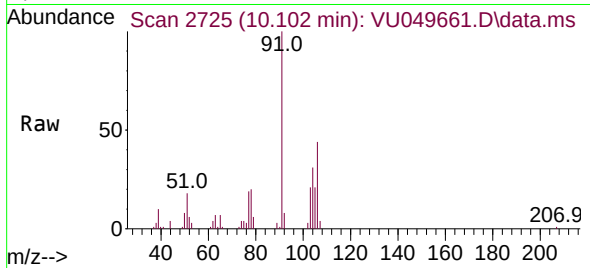




#65
o-Xylene
Concen: 0.587 ug/l
RT: 10.102 min Scan# 2725
Delta R.T. 0.000 min
Lab File: VU049661.D
Acq: 08 Jul 2022 17:32

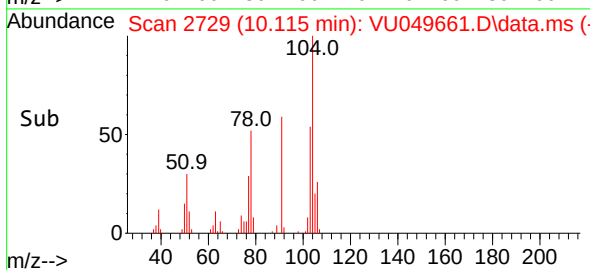
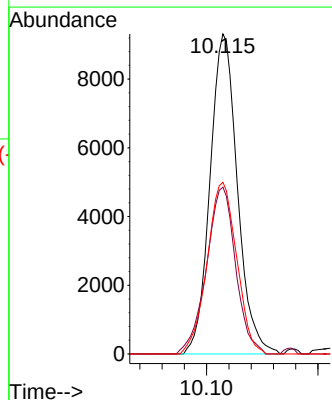
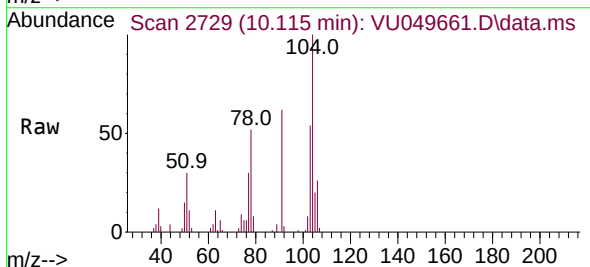
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2022

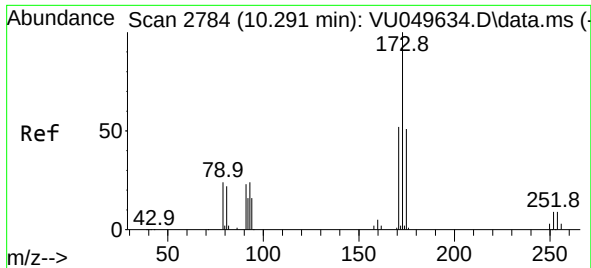
Tgt Ion:106 Resp: 10156
Ion Ratio Lower Upper
106 100
91 229.0 111.1 333.2



#66
Styrene
Concen: 0.573 ug/l
RT: 10.115 min Scan# 2729
Delta R.T. 0.000 min
Lab File: VU049661.D
Acq: 08 Jul 2022 17:32

Tgt Ion:104 Resp: 15925
Ion Ratio Lower Upper
104 100
78 55.4 42.1 63.1
103 57.8 44.5 66.7

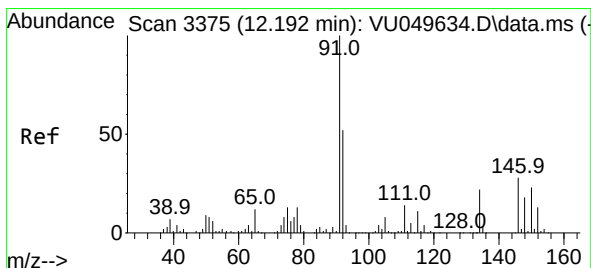
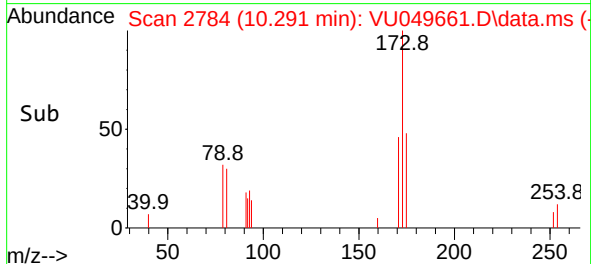
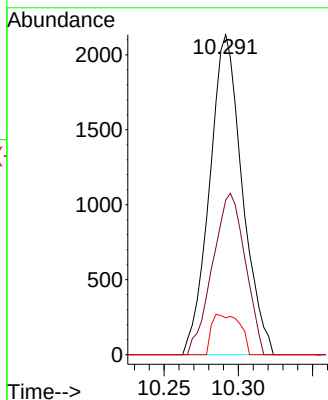
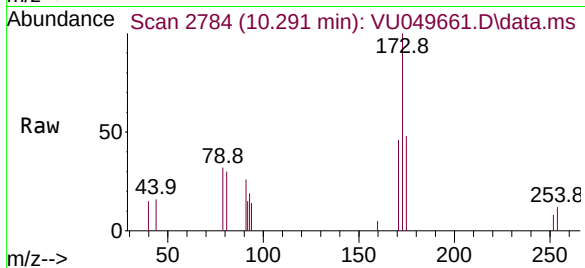




#67
Bromoform
Concen: 0.665 ug/l
RT: 10.291 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU049661.D
Acq: 08 Jul 2022 17:32

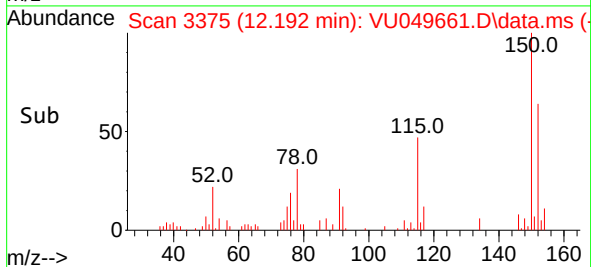
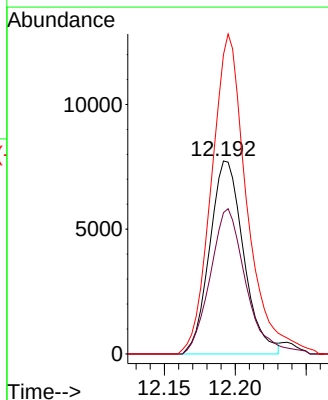
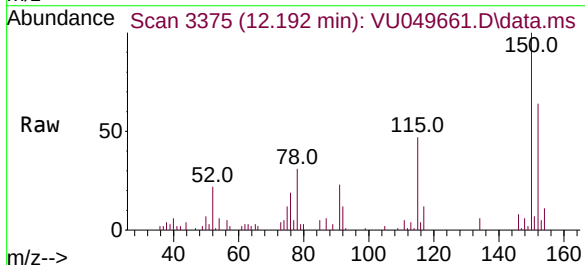
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2022

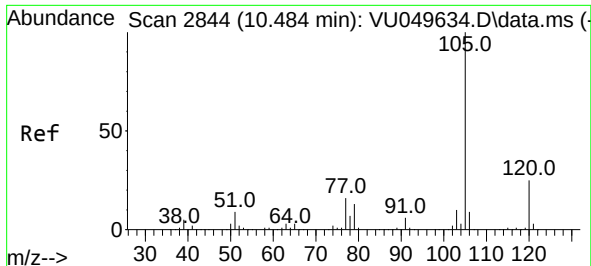
Tgt Ion:173	Resp:	3267
Ion	Ratio	Lower Upper
173	100	
175	50.4	38.4 57.6
254	10.8	7.7 11.5



#68
1,2-Dichlorobenzene-d4
Concen: 1.000 ug/l
RT: 12.192 min Scan# 3375
Delta R.T. 0.000 min
Lab File: VU049661.D
Acq: 08 Jul 2022 17:32

Tgt Ion:152	Resp:	12842
Ion	Ratio	Lower Upper
152	100	
115	79.0	0.0 254.6
150	173.0	0.0 623.6

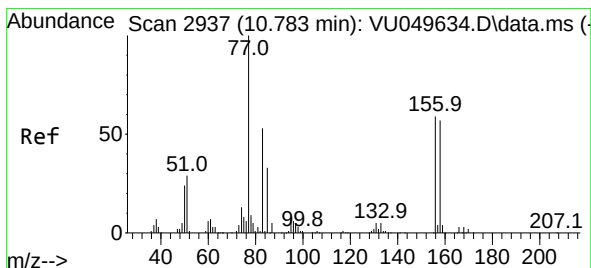
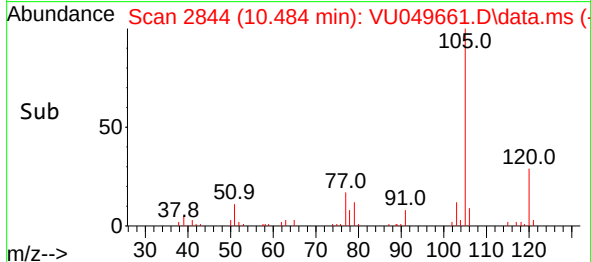
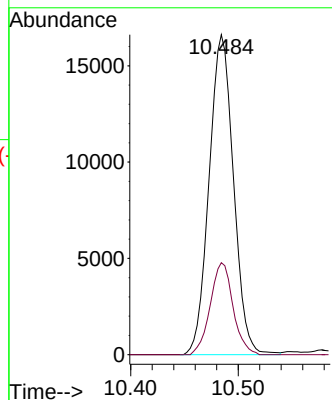
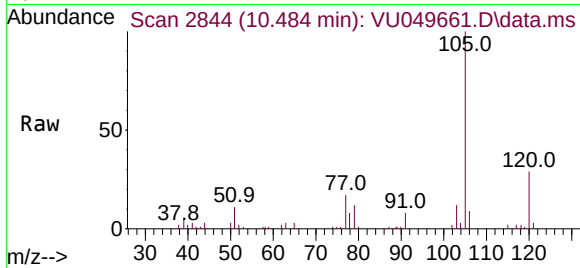




#69
Isopropylbenzene
Concen: 0.567 ug/l
RT: 10.484 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU049661.D
Acq: 08 Jul 2022 17:32

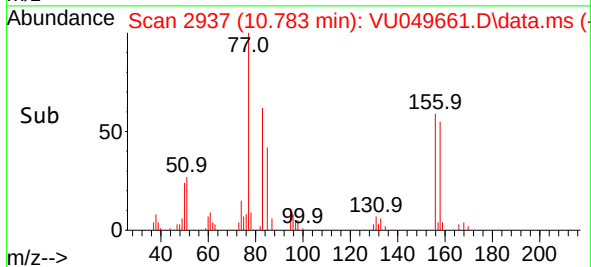
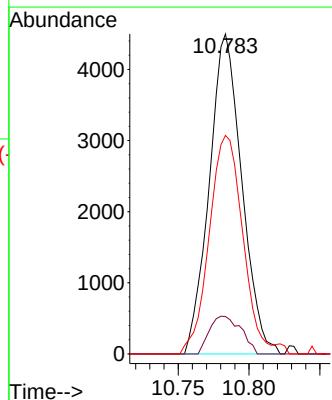
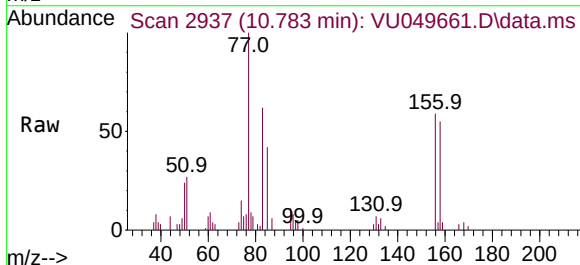
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2022

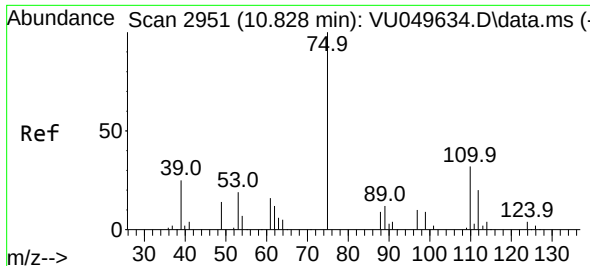
Tgt Ion:105 Resp: 26204
Ion Ratio Lower Upper
105 100
120 26.8 12.6 37.8



#70
1,1,2,2-Tetrachloroethane
Concen: 0.734 ug/l
RT: 10.783 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VU049661.D
Acq: 08 Jul 2022 17:32

Tgt Ion: 83 Resp: 7187
Ion Ratio Lower Upper
83 100
131 11.4 7.7 11.5
85 71.0 51.2 76.8

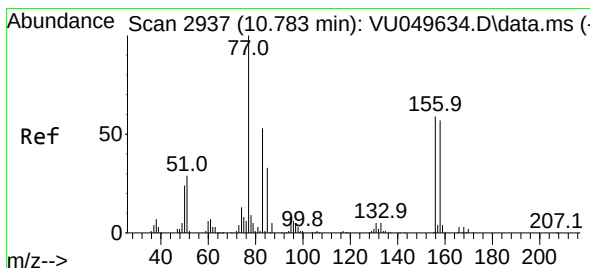
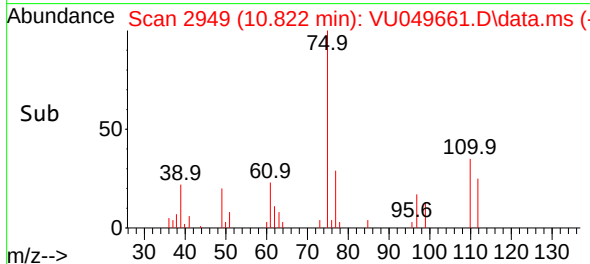
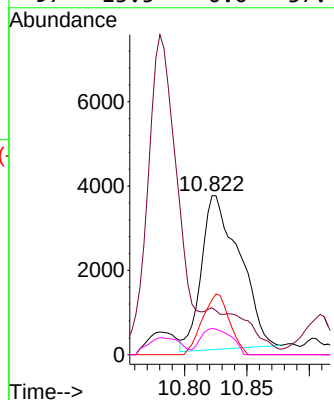
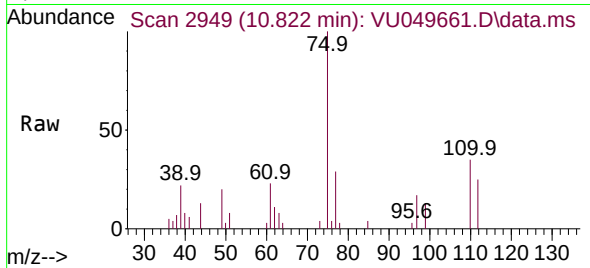




#71
1,2,3-Trichloropropane
Concen: 0.959 ug/l
RT: 10.822 min Scan# 2951
Delta R.T. -0.006 min
Lab File: VU049661.D
Acq: 08 Jul 2022 17:32

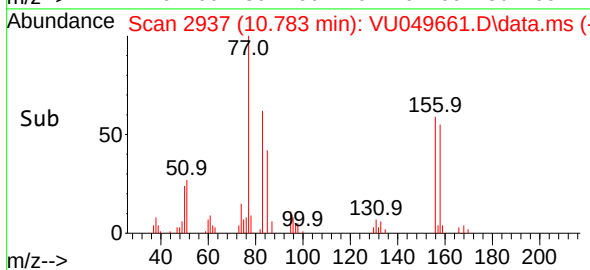
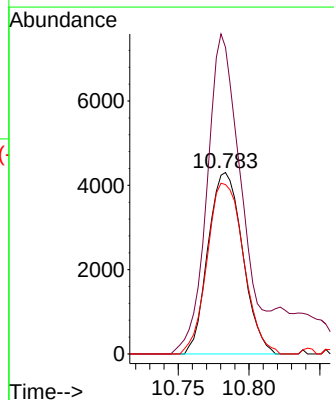
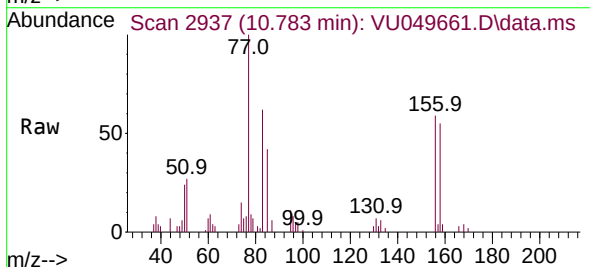
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2022

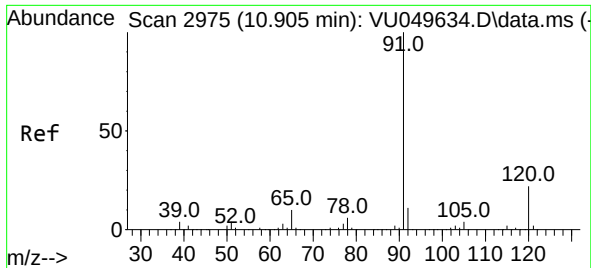
Tgt Ion: 75	Resp: 7774
Ion Ratio	Lower Upper
75 100	
77 0.0	0.0 112.4
110 27.9	0.0 70.6
97 13.5	0.0 37.4



#72
Bromobenzene
Concen: 0.702 ug/l
RT: 10.783 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VU049661.D
Acq: 08 Jul 2022 17:32

Tgt Ion:156	Resp:	7314	
Ion	Ratio	Lower	Upper
156	100		
77	172.4	0.0	344.4
158	98.9	0.0	192.2

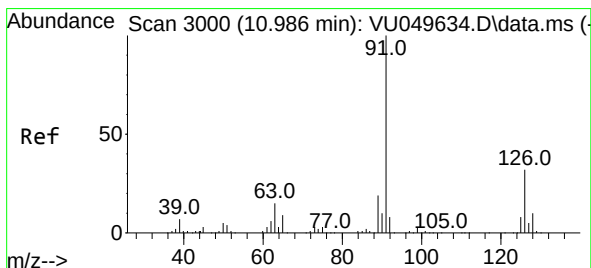
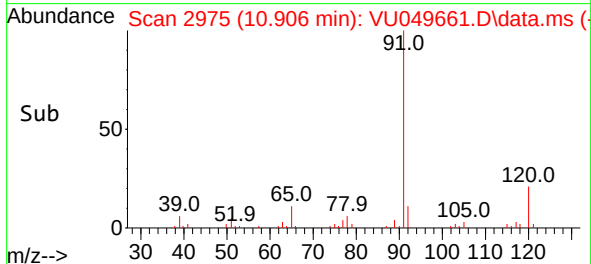
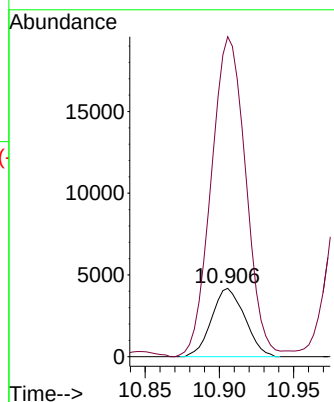
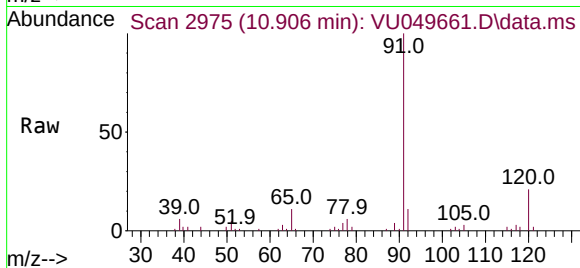




#73
n-propylbenzene
Concen: 0.557 ug/l
RT: 10.906 min Scan# 2975
Delta R.T. 0.000 min
Lab File: VU049661.D
Acq: 08 Jul 2022 17:32

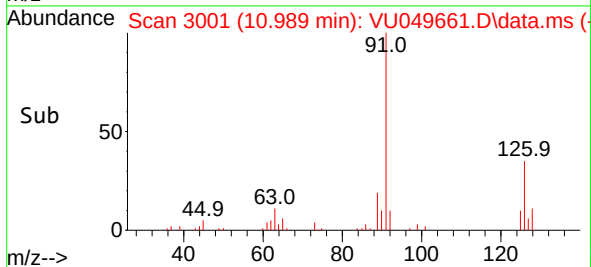
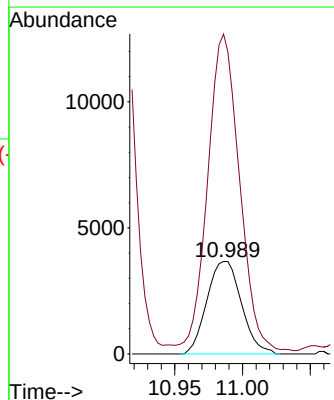
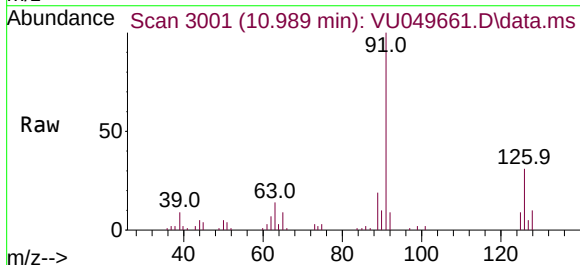
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2022

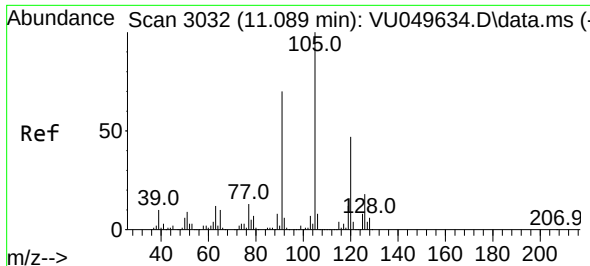
Tgt Ion:120 Resp: 6493
Ion Ratio Lower Upper
120 100
91 489.0 367.8 551.6



#74
2-Chlorotoluene
Concen: 0.624 ug/l
RT: 10.989 min Scan# 3001
Delta R.T. 0.003 min
Lab File: VU049661.D
Acq: 08 Jul 2022 17:32

Tgt Ion:126 Resp: 6485
Ion Ratio Lower Upper
126 100
91 316.4 0.0 620.6

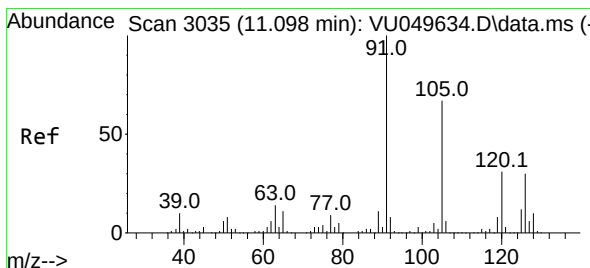
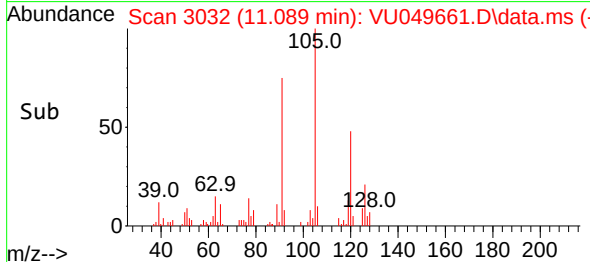
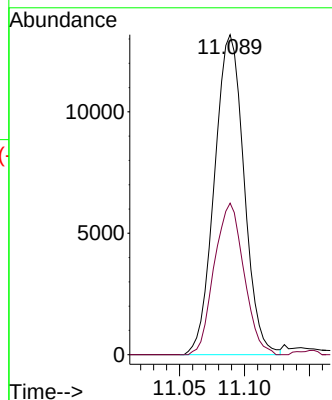
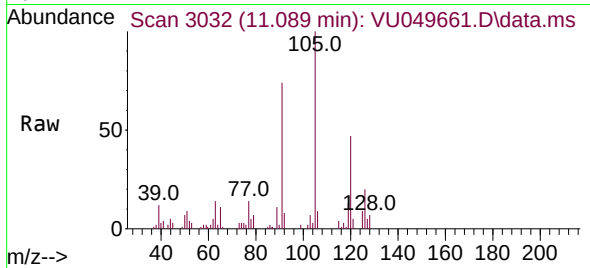




#75
1,3,5-Trimethylbenzene
Concen: 0.540 ug/l
RT: 11.089 min Scan# 3032
Delta R.T. 0.000 min
Lab File: VU049661.D
Acq: 08 Jul 2022 17:32

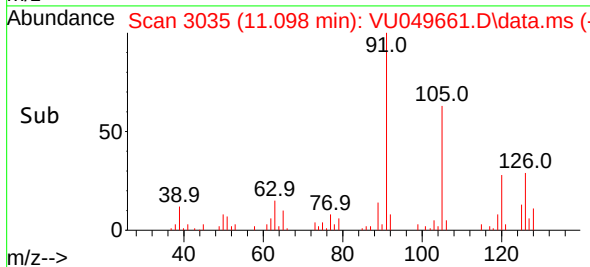
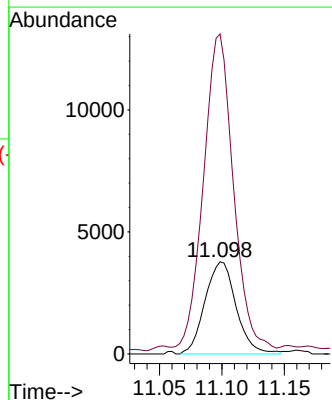
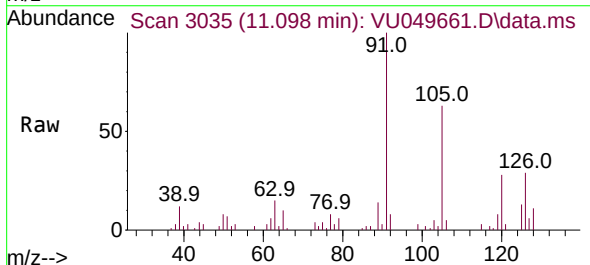
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2022

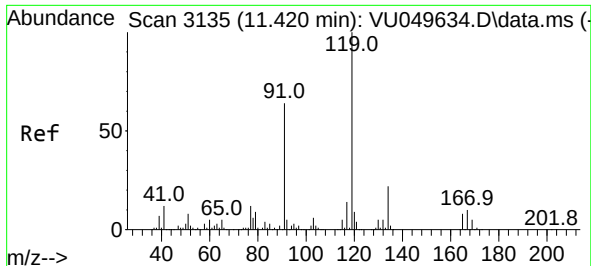
Tgt Ion:105 Resp: 20853
Ion Ratio Lower Upper
105 100
120 47.5 37.6 56.4



#76
4-Chlorotoluene
Concen: 0.630 ug/l
RT: 11.098 min Scan# 3035
Delta R.T. 0.000 min
Lab File: VU049661.D
Acq: 08 Jul 2022 17:32

Tgt Ion:126 Resp: 6567
Ion Ratio Lower Upper
126 100
91 323.1 0.0 738.8

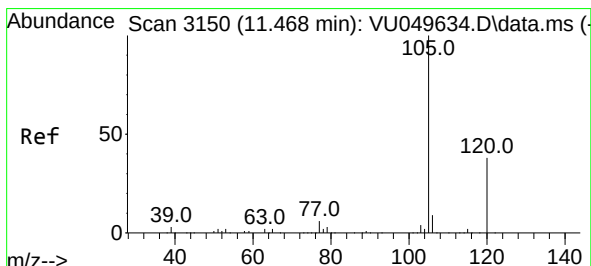
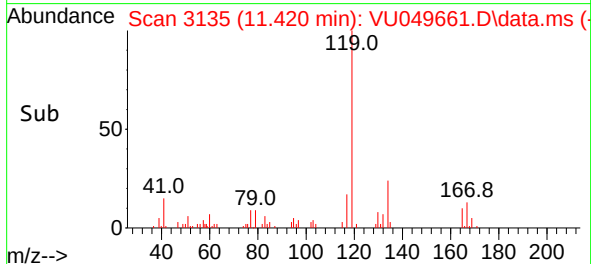
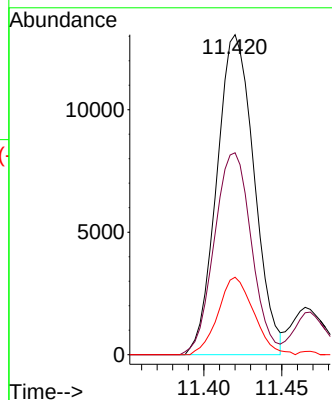
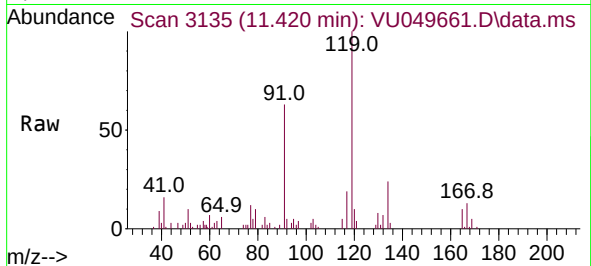




#77
 tert-Butylbenzene
 Concen: 0.572 ug/l
 RT: 11.420 min Scan# 3135
 Delta R.T. 0.000 min
 Lab File: VU049661.D
 Acq: 08 Jul 2022 17:32

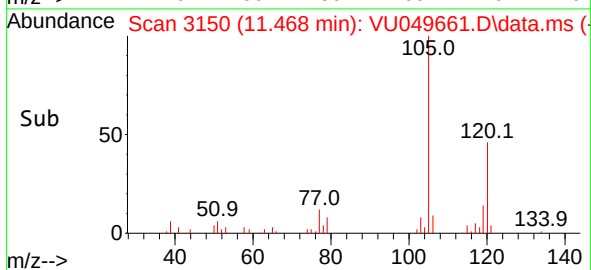
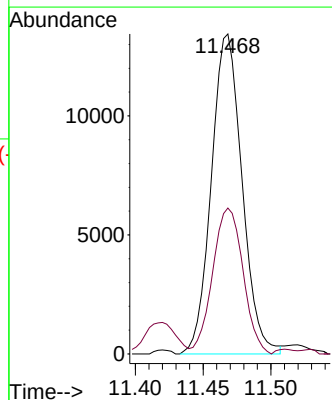
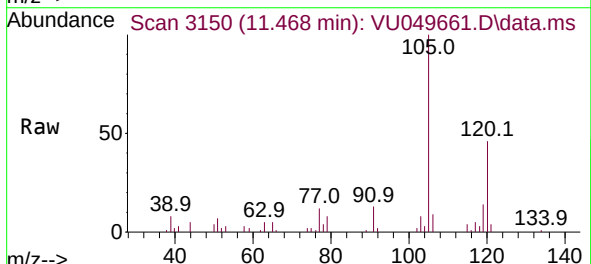
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-03-QT2-2022

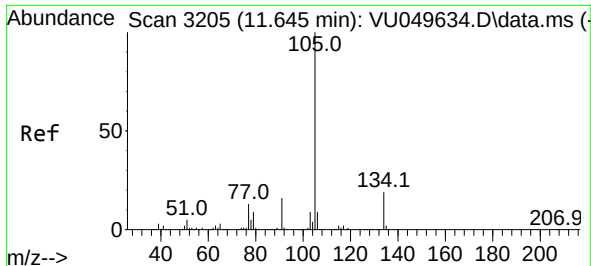
Tgt Ion:	119	Resp:	21774
Ion Ratio	Lower	Upper	
119	100		
91	62.9	30.4	91.3
134	23.0	17.8	26.6



#78
 1,2,4-Trimethylbenzene
 Concen: 0.546 ug/l
 RT: 11.468 min Scan# 3150
 Delta R.T. 0.000 min
 Lab File: VU049661.D
 Acq: 08 Jul 2022 17:32

Tgt Ion:	105	Resp:	21184
Ion Ratio	Lower	Upper	
105	100		
120	45.1	21.6	65.0

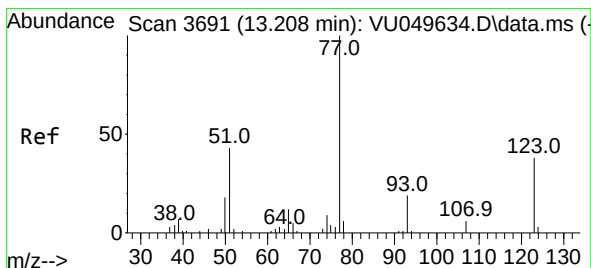
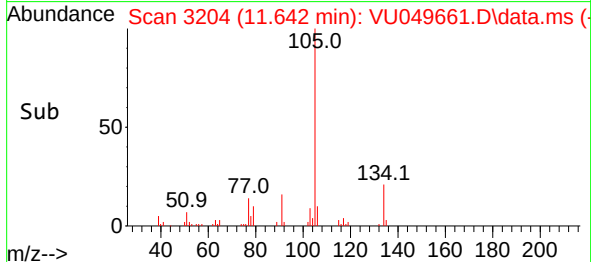
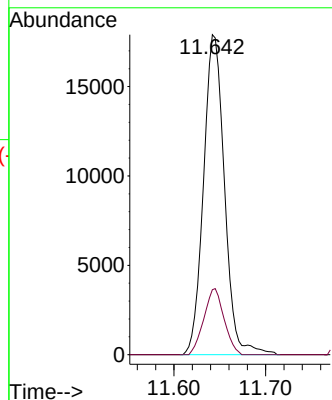
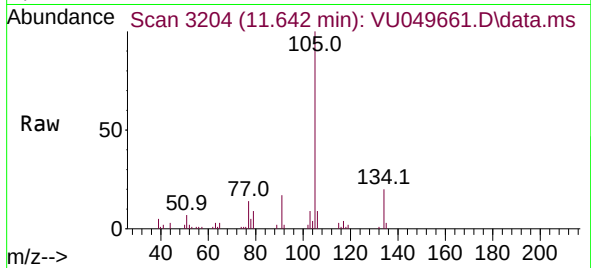




#79
 sec-Butylbenzene
 Concen: 0.571 ug/l
 RT: 11.642 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VU049661.D
 Acq: 08 Jul 2022 17:32

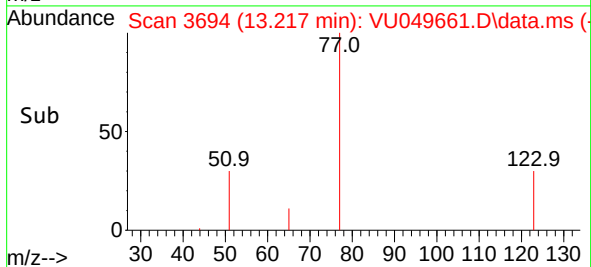
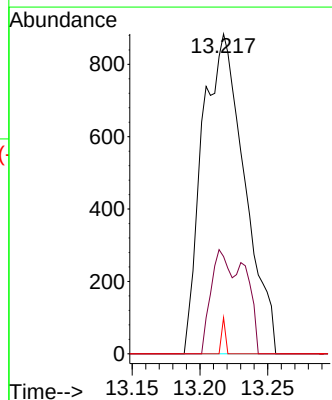
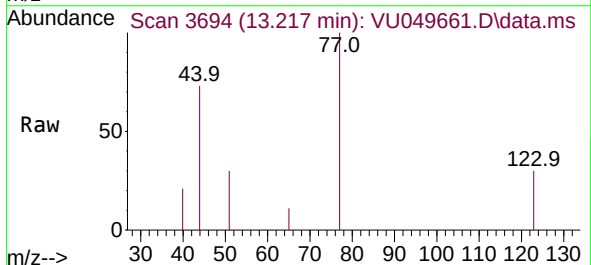
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-03-QT2-2022

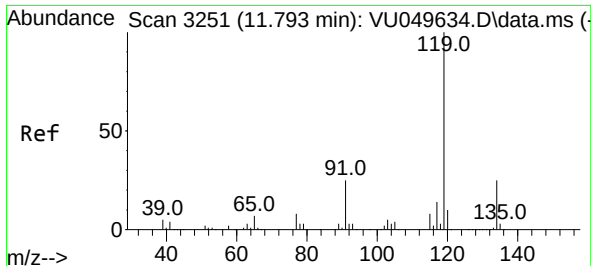
Tgt Ion:105 Resp: 28473
 Ion Ratio Lower Upper
 105 100
 134 19.9 15.4 23.0



#80
 Nitrobenzene
 Concen: 4.779 ug/l
 RT: 13.217 min Scan# 3694
 Delta R.T. 0.010 min
 Lab File: VU049661.D
 Acq: 08 Jul 2022 17:32

Tgt Ion: 77 Resp: 1914
 Ion Ratio Lower Upper
 77 100
 123 15.3 18.1 64.3#
 65 1.0 10.8 13.8#

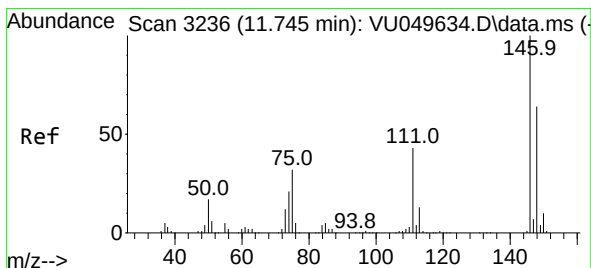
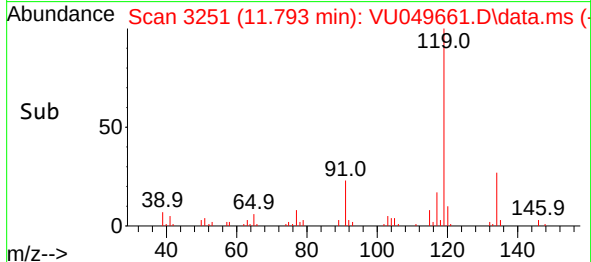
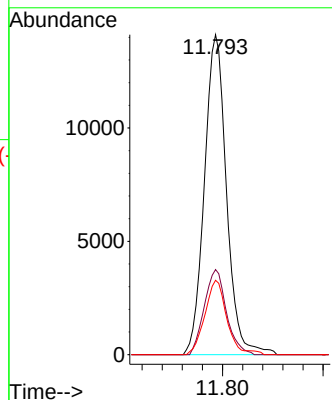
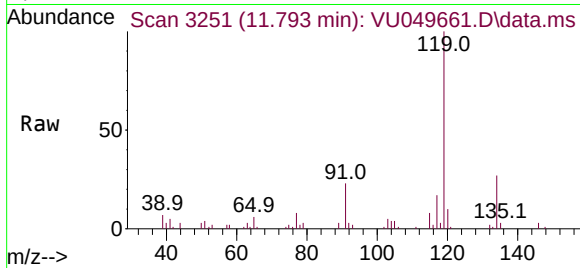




#81
p-Isopropyltoluene
Concen: 0.532 ug/l
RT: 11.793 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU049661.D
Acq: 08 Jul 2022 17:32

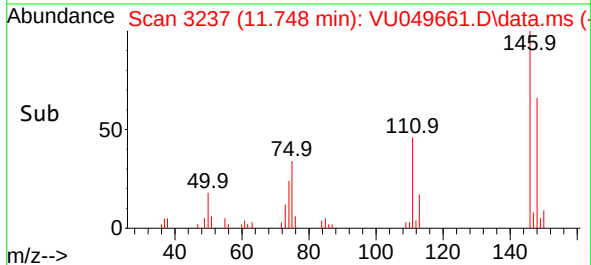
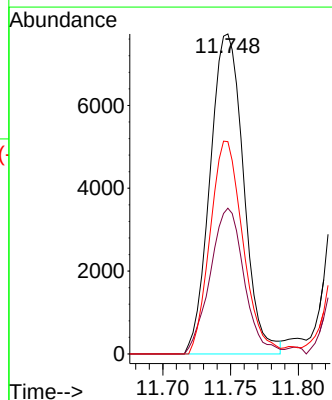
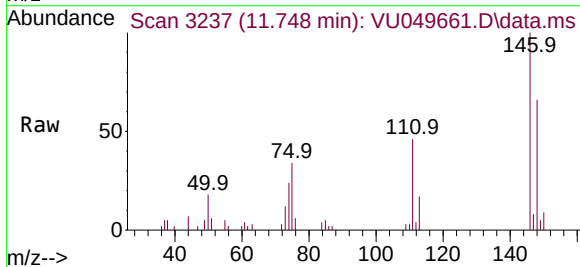
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2022

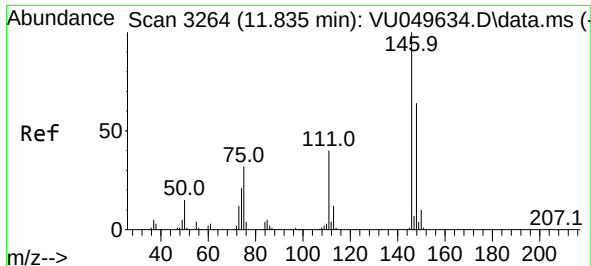
Tgt Ion:119 Resp: 21517
Ion Ratio Lower Upper
119 100
134 26.6 20.5 30.7
91 23.2 19.8 29.6



#82
1,3-Dichlorobenzene
Concen: 0.659 ug/l
RT: 11.748 min Scan# 3237
Delta R.T. 0.003 min
Lab File: VU049661.D
Acq: 08 Jul 2022 17:32

Tgt Ion:146 Resp: 13267
Ion Ratio Lower Upper
146 100
111 46.3 33.4 50.2
148 65.1 51.2 76.8

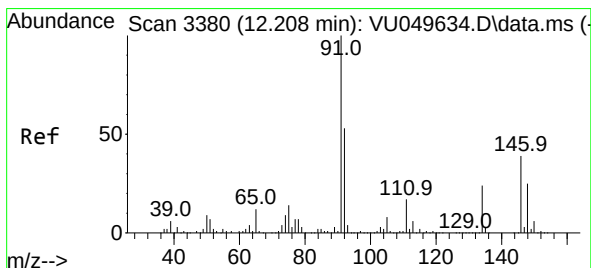
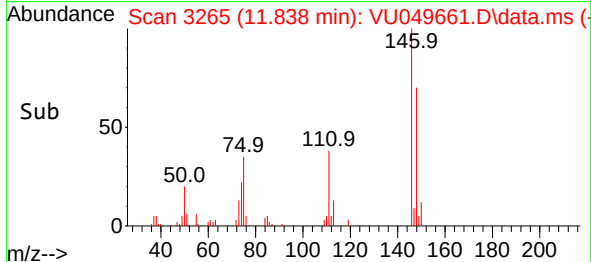
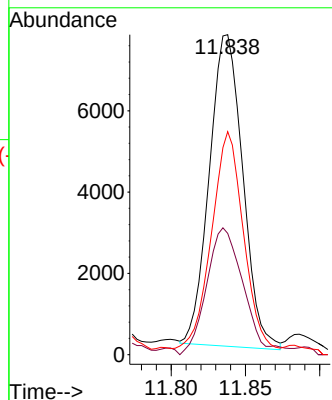
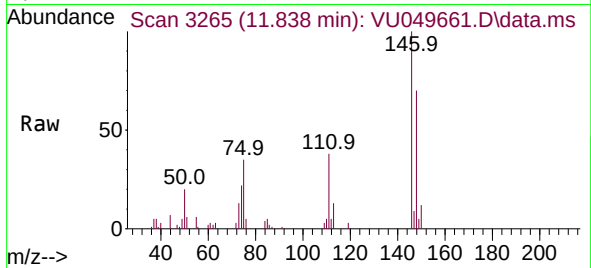




#83
1,4-Dichlorobenzene
Concen: 0.592 ug/l
RT: 11.838 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU049661.D
Acq: 08 Jul 2022 17:32

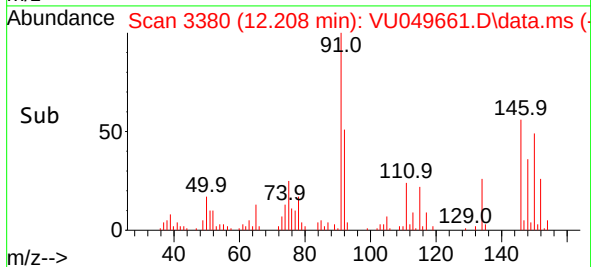
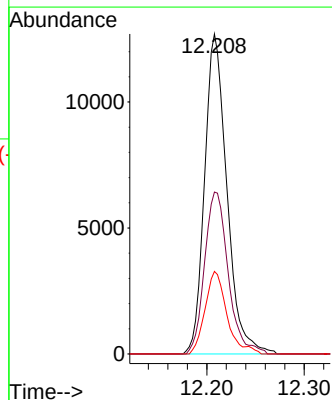
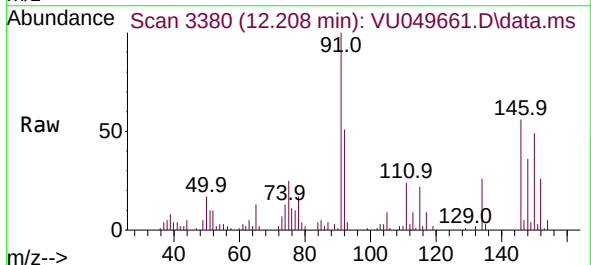
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2022

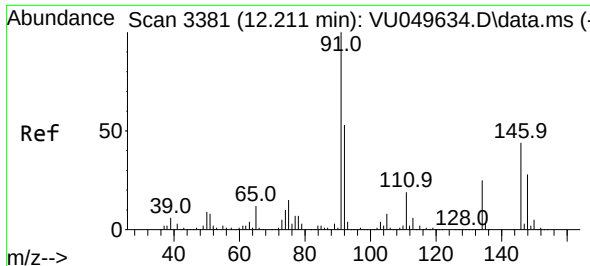
Tgt Ion:	146	Resp:	12029
Ion	Ratio	Lower	Upper
146	100		
111	44.8	32.6	49.0
148	71.0	51.6	77.4



#84
n-Butylbenzene
Concen: 0.537 ug/l
RT: 12.208 min Scan# 3380
Delta R.T. 0.000 min
Lab File: VU049661.D
Acq: 08 Jul 2022 17:32

Tgt Ion:	91	Resp:	20239
Ion	Ratio	Lower	Upper
91	100		
92	53.5	42.3	63.5
134	25.2	19.6	29.4

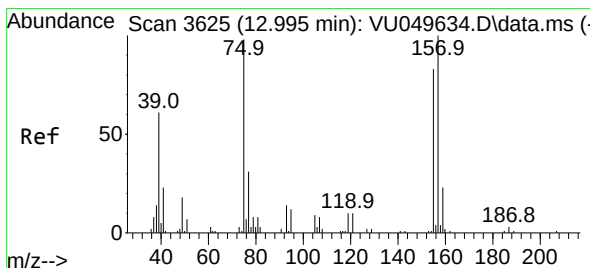
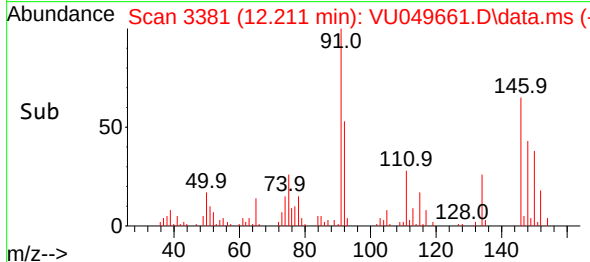
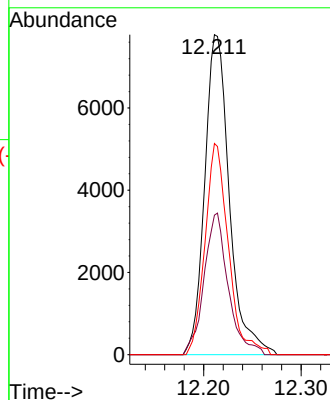
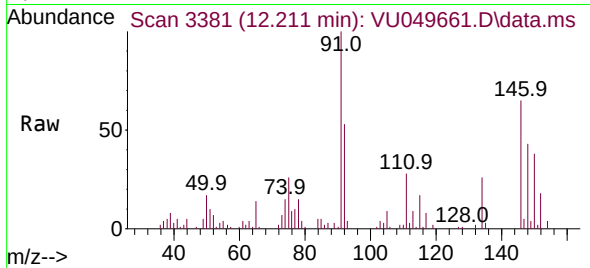




#85
1,2-Dichlorobenzene
Concen: 0.701 ug/l
RT: 12.211 min Scan# 311
Delta R.T. 0.000 min
Lab File: VU049661.D
Acq: 08 Jul 2022 17:32

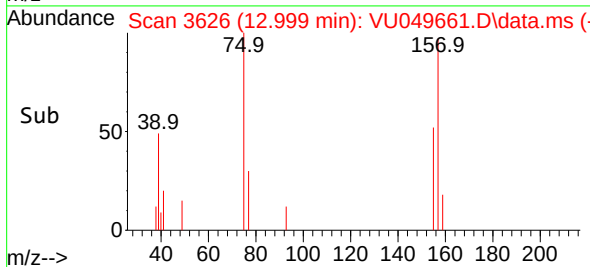
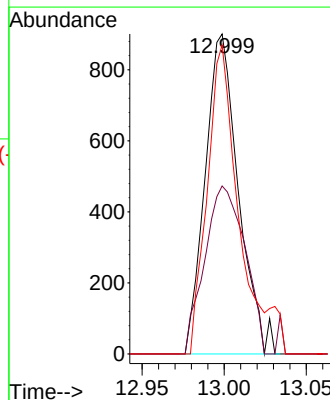
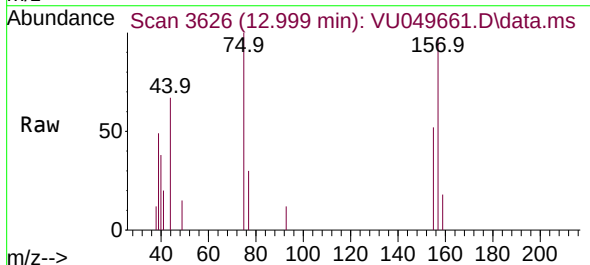
Instrument :
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ClientSampleId :
MDL-WATER-03-QT2-2022

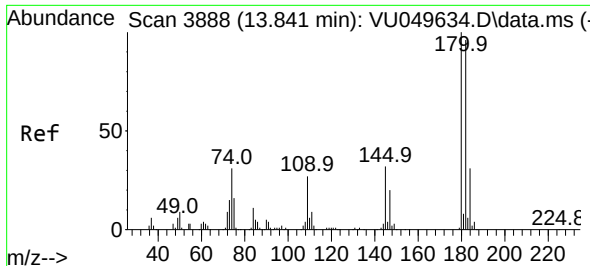
Tgt Ion:146 Resp: 13688
Ion Ratio Lower Upper
146 100
111 43.2 22.1 66.1
148 62.7 32.1 96.3



#86
1,2-Dibromo-3-Chloropropane
Concen: 0.743 ug/l
RT: 12.999 min Scan# 3626
Delta R.T. 0.003 min
Lab File: VU049661.D
Acq: 08 Jul 2022 17:32

Tgt Ion: 75 Resp: 1268
Ion Ratio Lower Upper
75 100
155 63.6 66.8 100.2#
157 87.5 83.8 125.8

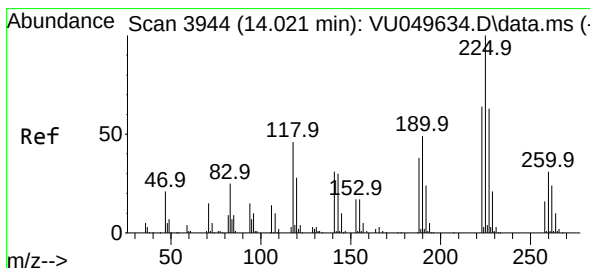
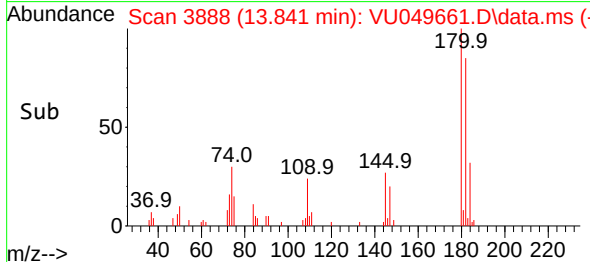
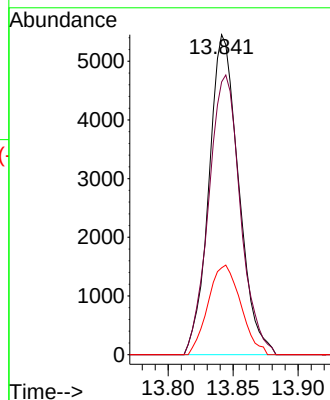
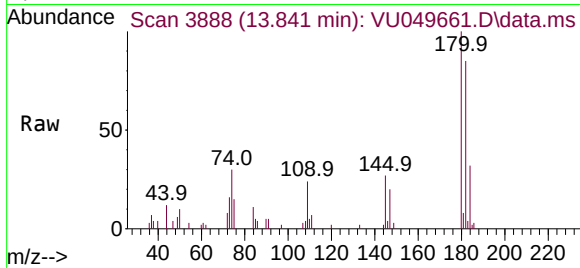




#87
1,2,4-Trichlorobenzene
Concen: 0.658 ug/l
RT: 13.841 min Scan# 3888
Delta R.T. 0.000 min
Lab File: VU049661.D
Acq: 08 Jul 2022 17:32

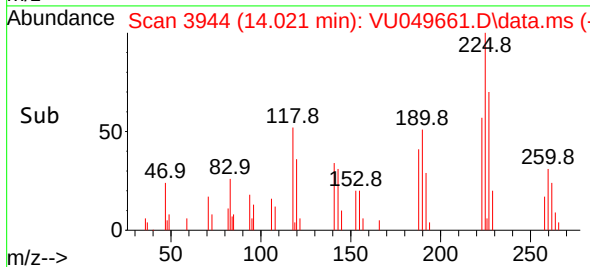
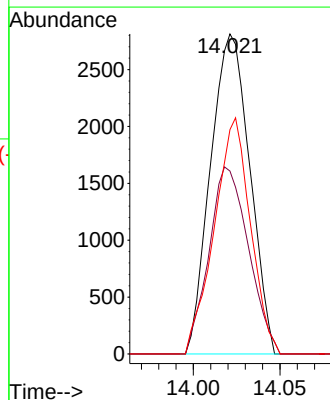
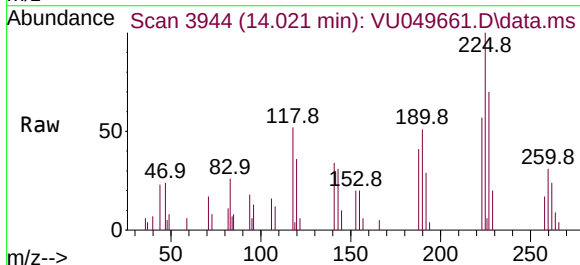
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2022

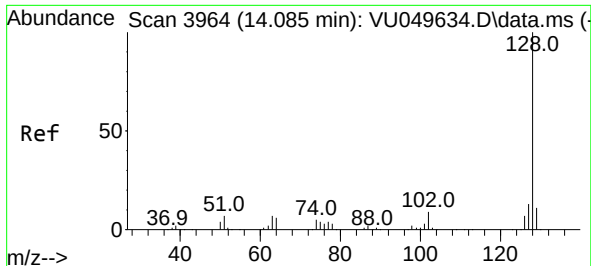
Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.0	77.0	115.6
145	30.6	25.7	38.5



#88
Hexachlorobutadiene
Concen: 0.660 ug/l
RT: 14.021 min Scan# 3944
Delta R.T. 0.000 min
Lab File: VU049661.D
Acq: 08 Jul 2022 17:32

Tgt Ion	Ratio	Lower	Upper
225	100		
223	58.9	50.6	76.0
227	68.0	50.7	76.1

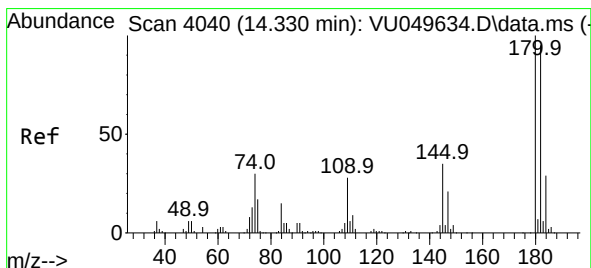
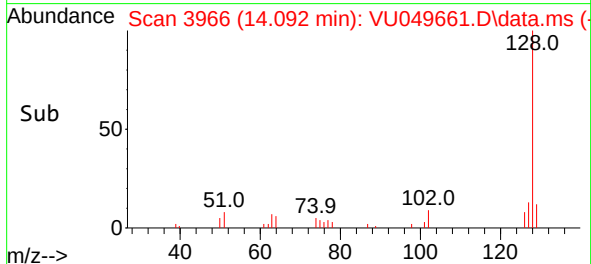
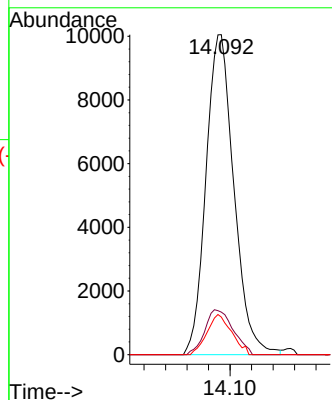
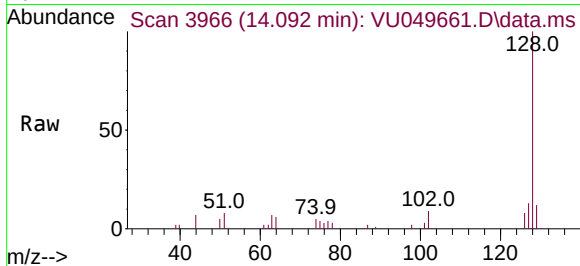




#89
Naphthalene
Concen: 0.657 ug/l
RT: 14.092 min Scan# 3965
Delta R.T. 0.006 min
Lab File: VU049661.D
Acq: 08 Jul 2022 17:32

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2022

Tgt Ion:128	Resp:	18134
Ion Ratio	Lower	Upper
128	100	
127	14.2	10.1 15.1
129	11.0	8.6 12.8



#90
1,2,3-Trichlorobenzene
Concen: 0.693 ug/l
RT: 14.333 min Scan# 4041
Delta R.T. 0.003 min
Lab File: VU049661.D
Acq: 08 Jul 2022 17:32

Tgt Ion:180	Resp:	8712
Ion Ratio	Lower	Upper
180	100	
182	93.0	76.6 114.8
145	32.5	27.3 40.9

