

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082622\
 Data File : VU050454.D
 Acq On : 26 Aug 2022 14:02
 Operator : SY/MD
 Sample : N4015-01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-QT3-2022-05

Quant Time: Aug 27 04:57:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM082422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 27 02:44:18 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	317685	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	314354	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	118351	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	167530	44.598	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.200%
7) Chloroethane-d5	1.900	69	135090	48.602	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.200%
11) 1,1-Dichloroethene-d2	2.562	63	192991	36.354	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.700%
21) 2-Butanone-d5	4.620	46	231399	94.114	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.110%
24) Chloroform-d	5.063	84	266185	44.143	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.280%
26) 1,2-Dichloroethane-d4	5.700	65	172028	45.903	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.800%
32) Benzene-d6	5.726	84	552894	47.601	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.200%
36) 1,2-Dichloropropane-d6	6.690	67	179253	46.585	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.160%
41) Toluene-d8	7.899	98	447489	44.029	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.060%
43) trans-1,3-Dichloroprop...	8.179	79	70849	44.140	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.280%
47) 2-Hexanone-d5	8.632	63	127970	89.617	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.620%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	269322	45.379	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.760%
66) 1,2-Dichlorobenzene-d4	12.192	152	145876	51.598	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.200%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.382	85	4342	1.749	ug/L	97
3) Chloromethane	1.520	50	8707	3.013	ug/L	99
5) Vinyl chloride	1.601	62	6213	2.198	ug/L #	48
6) Bromomethane	1.838	94	2796	2.676	ug/L	83
8) Chloroethane	1.922	64	3877	2.258	ug/L	99
9) Trichlorofluoromethane	2.131	101	6911	1.922	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	5909	2.681	ug/L #	73
12) 1,1-Dichloroethene	2.575	96	5272	2.705	ug/L #	1
13) Acetone	2.626	43	6963	4.307	ug/L	98
14) Carbon disulfide	2.787	76	9451	1.900	ug/L	98
15) Methyl Acetate	2.951	43	6044	2.078	ug/L #	86
16) Methylene chloride	3.041	84	7600	2.798	ug/L	97
17) trans-1,2-Dichloroethene	3.350	96	4016	1.960	ug/L	88
18) Methyl tert-butyl Ether	3.366	73	13820	2.131	ug/L	99
19) 1,1-Dichloroethane	3.867	63	9081	2.046	ug/L	98
20) cis-1,2-Dichloroethene	4.671	96	5379	2.193	ug/L	90
22) 2-Butanone	4.716	43	10533	4.808	ug/L	98
23) Bromochloromethane	4.973	128	2586	1.930	ug/L	96
25) Chloroform	5.089	83	12505	2.645	ug/L	97

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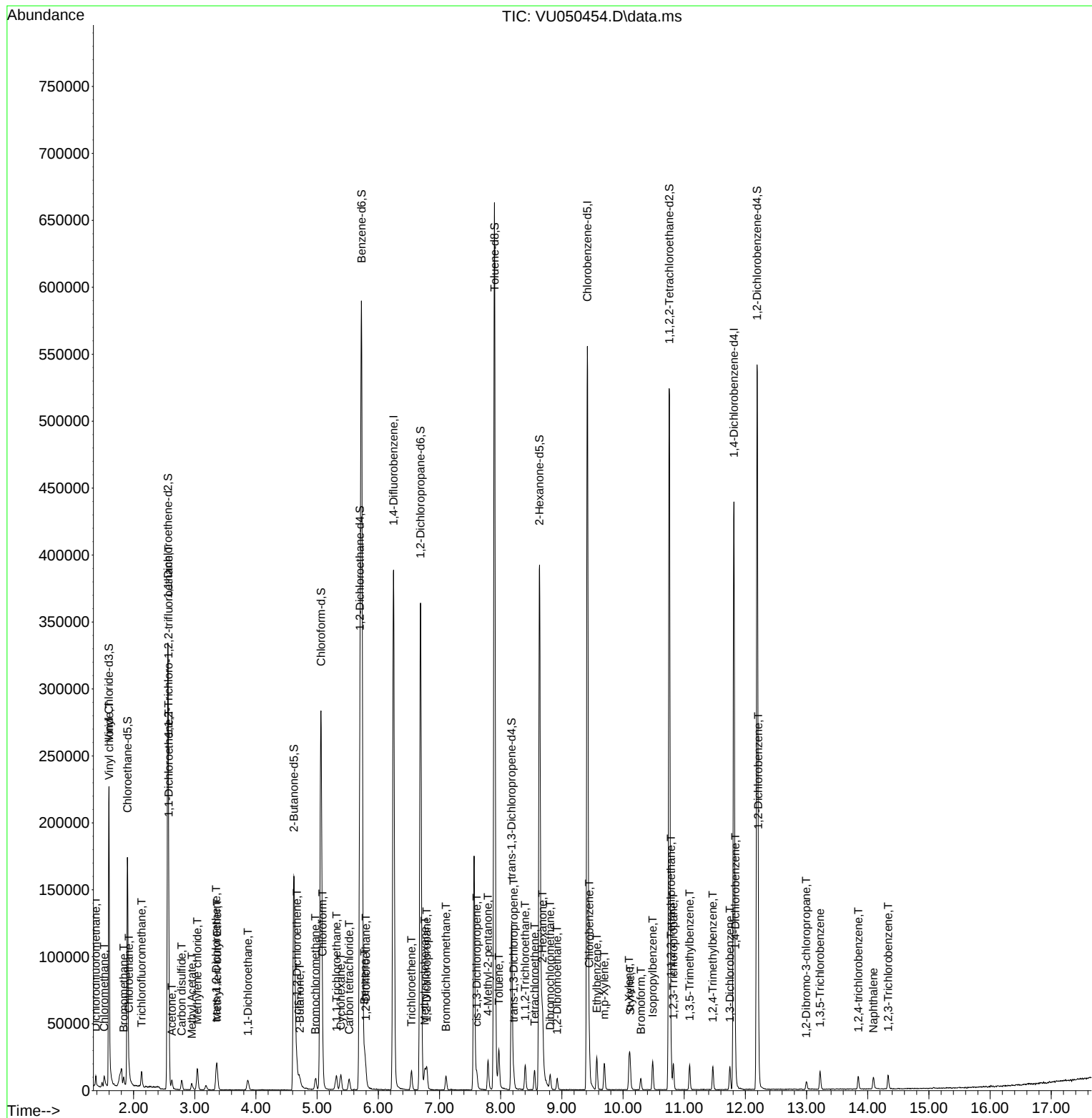
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.797	62	7728	2.191	ug/L	96
29) Cyclohexane	5.388	56	4884	1.689	ug/L #	88
30) 1,1,1-Trichloroethane	5.317	97	7427	2.065	ug/L	99
31) Carbon tetrachloride	5.523	117	5461	1.850	ug/L	99
33) Benzene	5.774	78	20365	2.140	ug/L	100
34) Trichloroethene	6.542	95	4725	2.097	ug/L	94
35) Methylcyclohexane	6.758	83	5718	1.815	ug/L	90
37) 1,2-Dichloropropane	6.790	63	6224	2.251	ug/L #	94
38) Bromodichloromethane	7.105	83	6813	1.932	ug/L	88
39) cis-1,3-Dichloropropene	7.610	75	7056	1.944	ug/L	90
40) 4-Methyl-2-pentanone	7.793	43	14425	3.926	ug/L	95
42) Toluene	7.970	91	19965	2.082	ug/L	97
44) trans-1,3-Dichloropropene	8.211	75	6366	1.881	ug/L	98
45) 1,1,2-Trichloroethane	8.401	97	6162	2.265	ug/L	97
46) Tetrachloroethene	8.555	164	3211	1.941	ug/L	91
48) 2-Hexanone	8.684	43	24667	8.040	ug/L	99
49) Dibromochloromethane	8.809	129	5621	1.995	ug/L	98
50) 1,2-Dibromoethane	8.922	107	5834	2.146	ug/L #	98
51) Chlorobenzene	9.446	112	13418	2.132	ug/L	96
52) Ethylbenzene	9.571	91	17865	1.848	ug/L	90
53) m,p-Xylene	9.693	106	5628	1.559	ug/L	99
54) o-Xylene	10.099	106	6086	1.697	ug/L	79
55) Styrene	10.118	104	9272	1.520	ug/L	94
57) 1,1,2,2-Tetrachloroethane	10.783	83	11377	2.289	ug/L #	95
59) Bromoform	10.292	173	3843	2.268	ug/L	98
60) 1,2,3-Trichloropropane	10.822	75	7864	2.578	ug/L	99
61) Isopropylbenzene	10.484	105	14038	1.918	ug/L	97
62) 1,3,5-Trimethylbenzene	11.089	105	10583	1.790	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	9743	1.690	ug/L	99
64) 1,3-Dichlorobenzene	11.748	146	7349	2.053	ug/L	97
65) 1,4-Dichlorobenzene	11.835	146	7635	2.118	ug/L	98
67) 1,2-Dichlorobenzene	12.211	146	9622	2.556	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.992	75	1987	2.451	ug/L	85
69) 1,3,5-Trichlorobenzene	13.221	180	4483	1.817	ug/L	94
70) 1,2,4-trichlorobenzene	13.844	180	3465	1.754	ug/L	99
71) Naphthalene	14.092	128	9365	1.445	ug/L #	96
72) 1,2,3-Trichlorobenzene	14.336	180	3589	1.662	ug/L	98

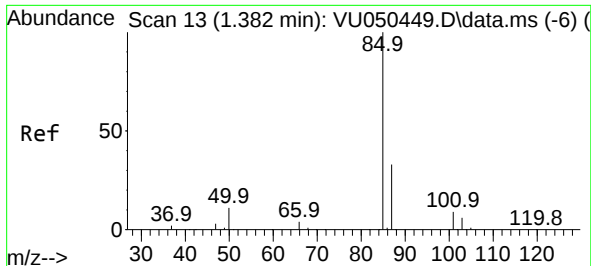
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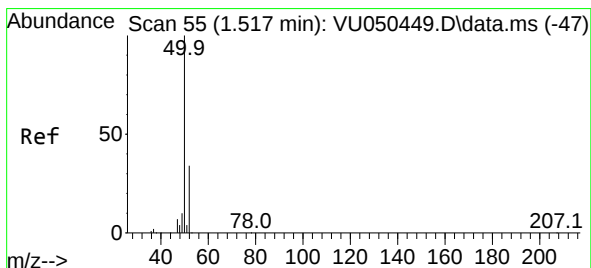
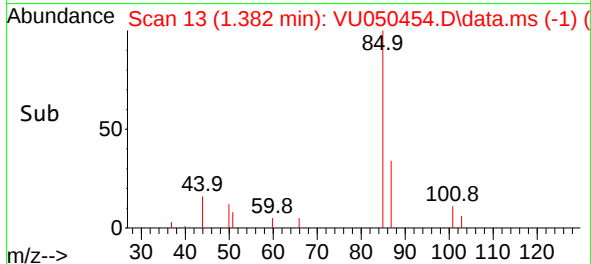
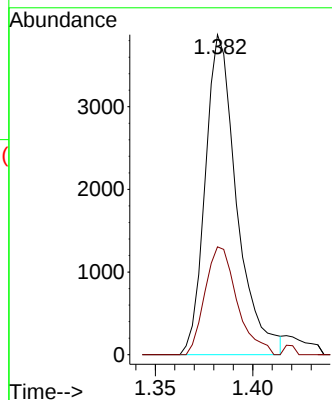
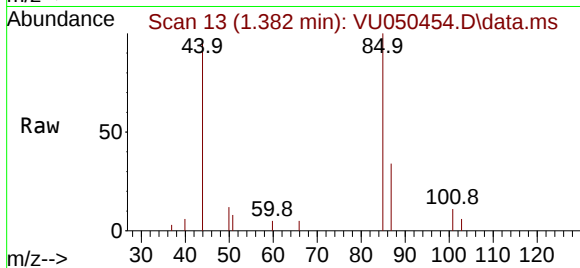




#2
Dichlorodifluoromethane
Concen: 1.749 ug/L
RT: 1.382 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU050454.D
Acq: 26 Aug 2022 14:02

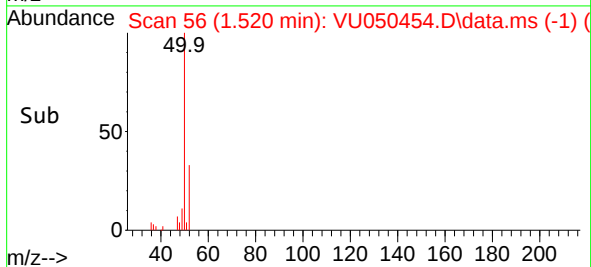
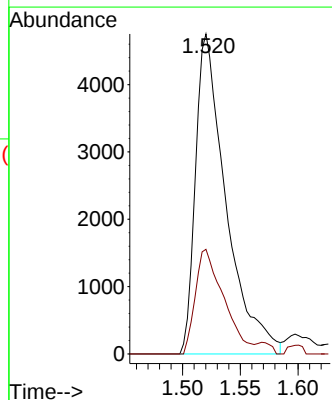
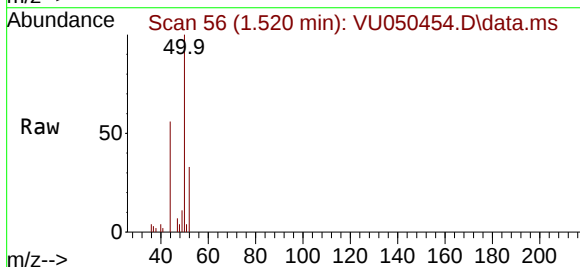
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MSVOA_U
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MDL-WATER-QT3-2022-05

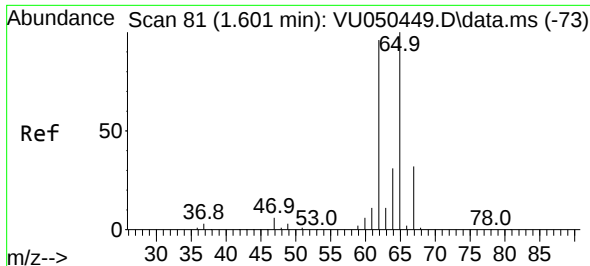
Tgt Ion: 85 Resp: 4342
Ion Ratio Lower Upper
85 100
87 34.4 26.2 39.4



#3
Chloromethane
Concen: 3.013 ug/L
RT: 1.520 min Scan# 56
Delta R.T. 0.003 min
Lab File: VU050454.D
Acq: 26 Aug 2022 14:02

Tgt Ion: 50 Resp: 8707
Ion Ratio Lower Upper
50 100
52 32.7 23.4 43.6

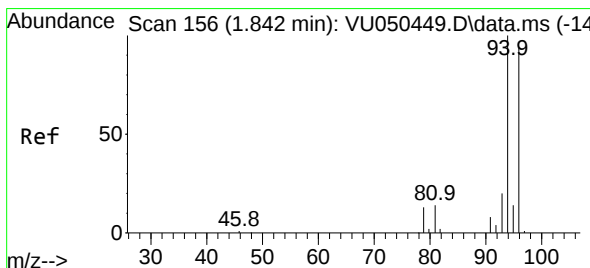
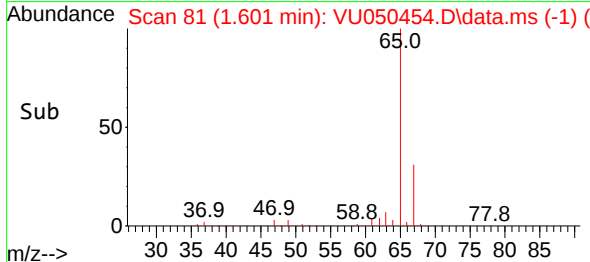
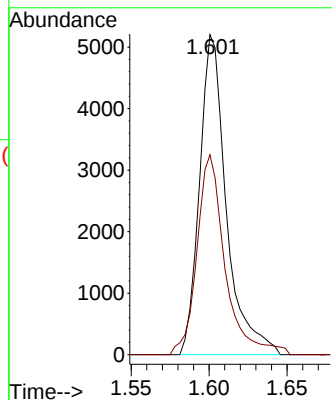
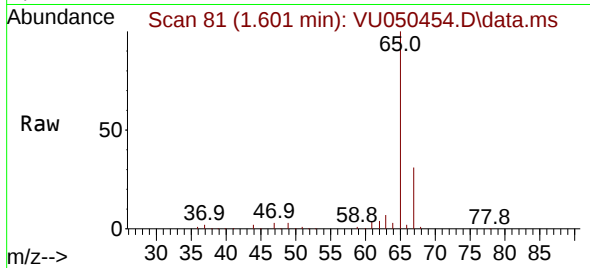




#5
 Vinyl chloride
 Concen: 2.198 ug/L
 RT: 1.601 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU050454.D
 Acq: 26 Aug 2022 14:02

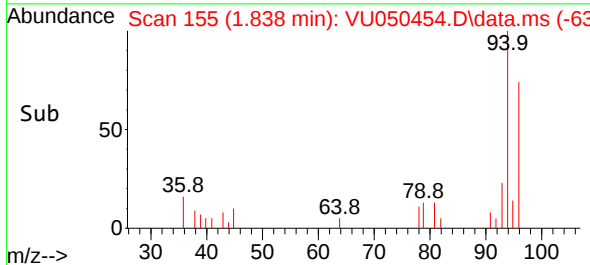
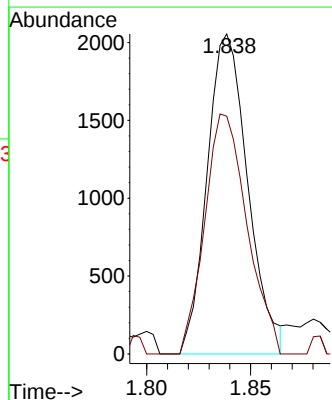
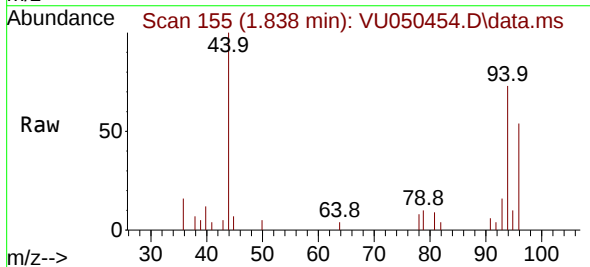
Instrument :
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 ClientSampleId :
 MDL-WATER-QT3-2022-05

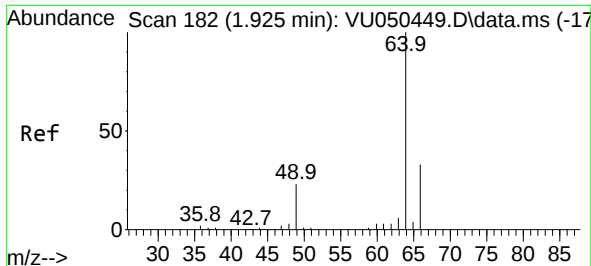
Tgt Ion: 62 Resp: 6213
 Ion Ratio Lower Upper
 62 100
 64 62.4 23.1 42.9#



#6
 Bromomethane
 Concen: 2.676 ug/L
 RT: 1.838 min Scan# 155
 Delta R.T. -0.003 min
 Lab File: VU050454.D
 Acq: 26 Aug 2022 14:02

Tgt Ion: 94 Resp: 2796
 Ion Ratio Lower Upper
 94 100
 96 74.3 63.3 117.5





#8

Chloroethane

Concen: 2.258 ug/L

RT: 1.922 min Scan# 181

Delta R.T. -0.003 min

Lab File: VU050454.D

Acq: 26 Aug 2022 14:02

Instrument :

MSVOA_U

ClientSampleId :

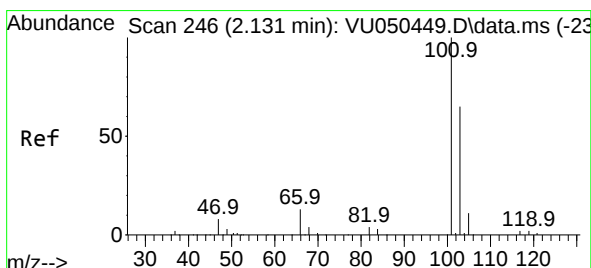
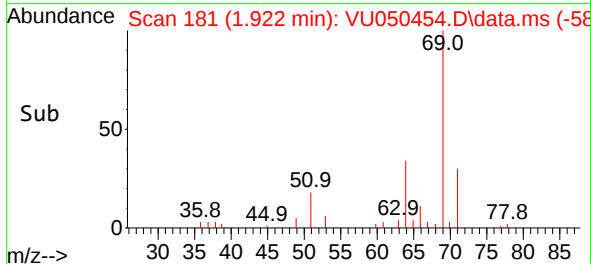
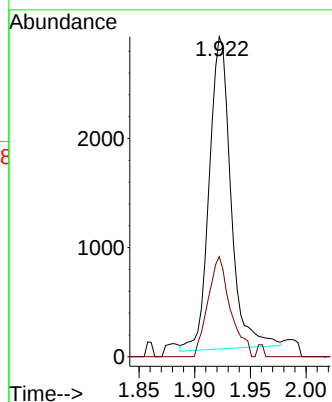
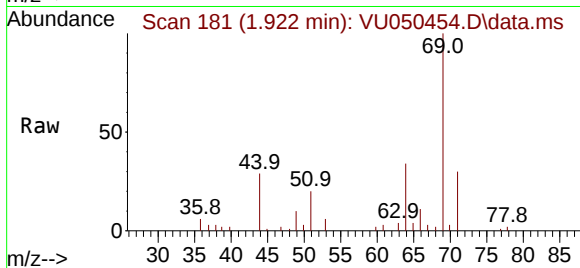
MDL-WATER-QT3-2022-05

Tgt Ion: 64 Resp: 3877

Ion Ratio Lower Upper

64 100

66 31.3 22.3 41.3



#9

Trichlorofluoromethane

Concen: 1.922 ug/L

RT: 2.131 min Scan# 246

Delta R.T. 0.000 min

Lab File: VU050454.D

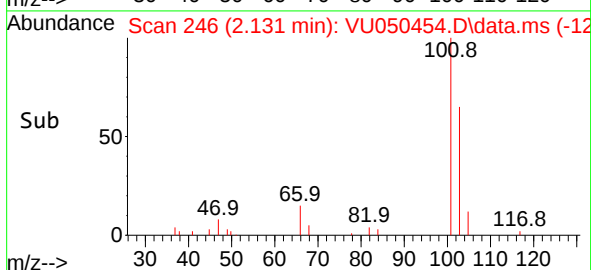
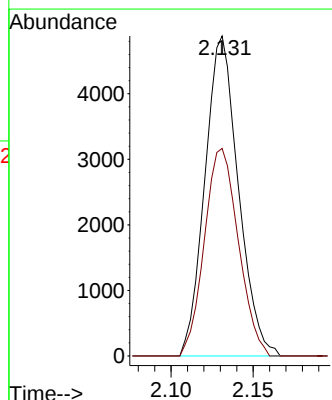
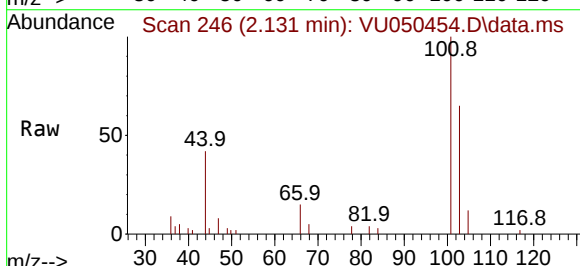
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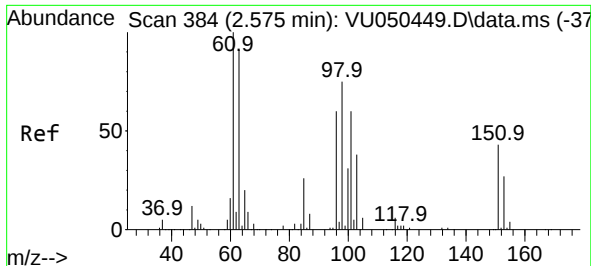
Tgt Ion:101 Resp: 6911

Ion Ratio Lower Upper

101 100

103 65.9 51.1 76.7

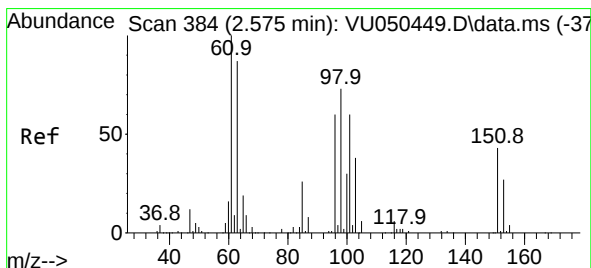
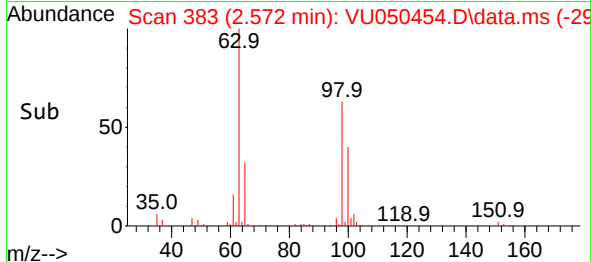
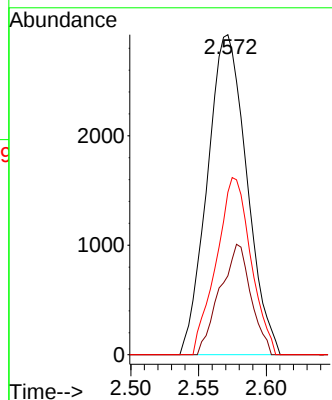
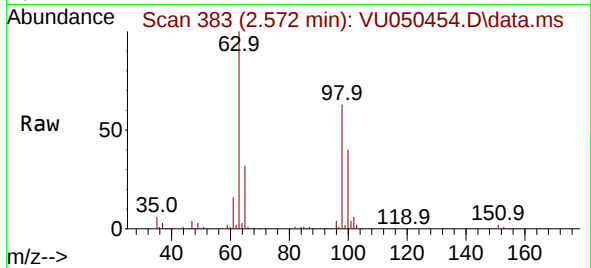




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 2.681 ug/L
 RT: 2.572 min Scan# 383
 Delta R.T. -0.003 min
 Lab File: VU050454.D
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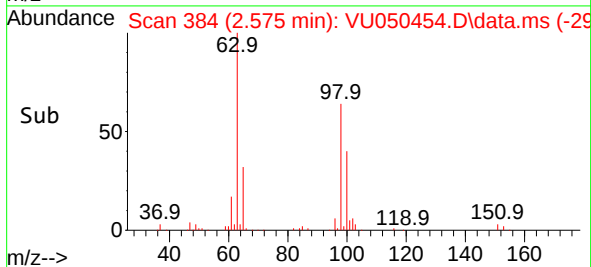
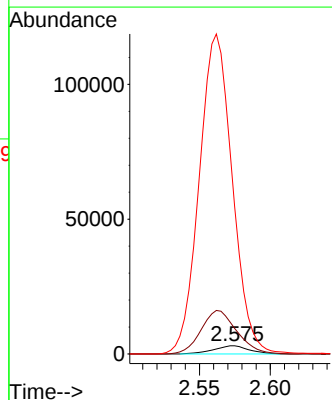
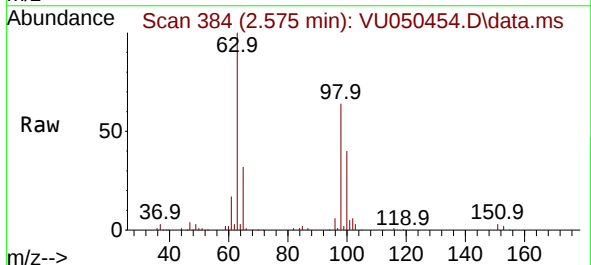
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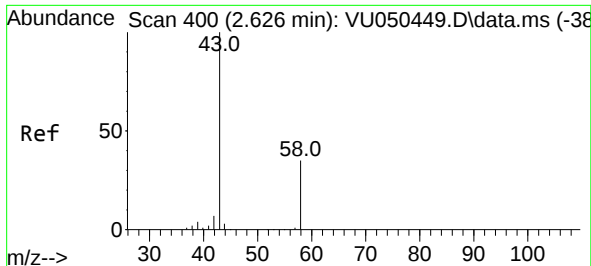
Tgt Ion:101 Resp: 5909
 Ion Ratio Lower Upper
 101 100
 85 27.2 35.3 52.9#
 151 48.5 57.3 85.9#



#12
 1,1-Dichloroethene
 Concen: 2.705 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. 0.000 min
 Lab File: VU050454.D
 Acq: 26 Aug 2022 14:02

Tgt Ion: 96 Resp: 5272
 Ion Ratio Lower Upper
 96 100
 61 311.3 116.8 216.8#
 63 1796.5 97.4 180.8#





#13

Acetone

Concen: 4.307 ug/L

RT: 2.626 min Scan# 400

Delta R.T. 0.000 min

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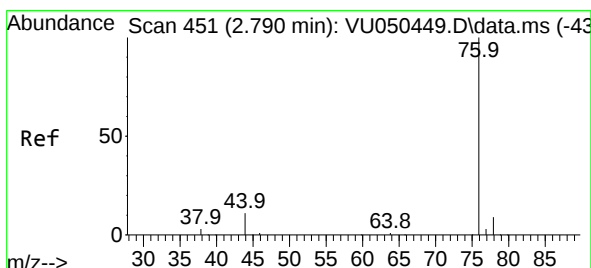
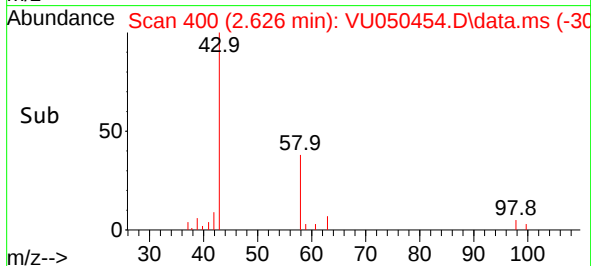
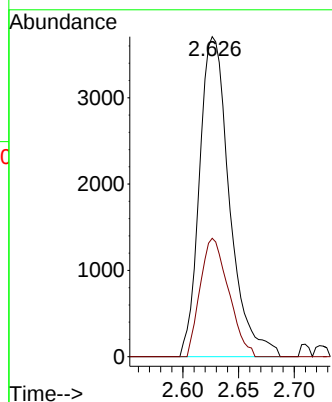
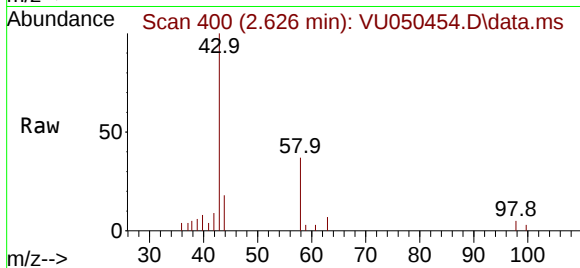
MDL-WATER-QT3-2022-05

Tgt Ion: 43 Resp: 6963

Ion Ratio Lower Upper

43 100

58 34.9 0.0 72.2



#14

Carbon disulfide

Concen: 1.900 ug/L

RT: 2.787 min Scan# 450

Delta R.T. -0.003 min

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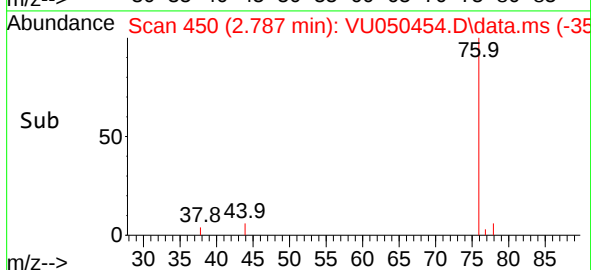
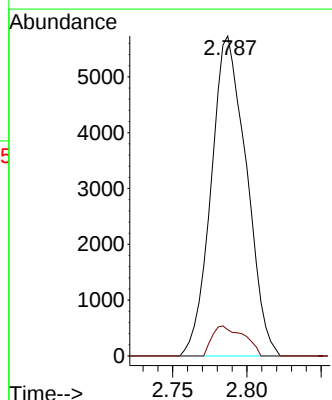
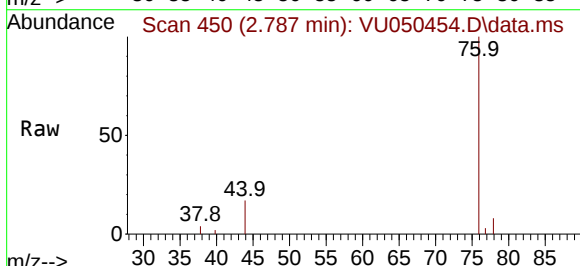
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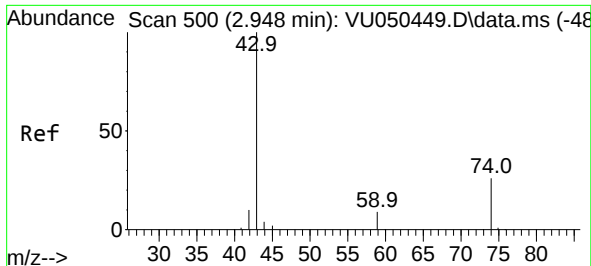
Tgt Ion: 76 Resp: 9451

Ion Ratio Lower Upper

76 100

78 8.2 7.3 10.9

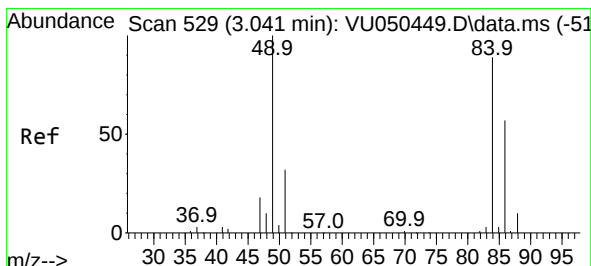
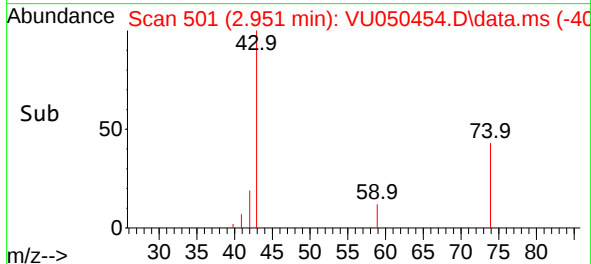
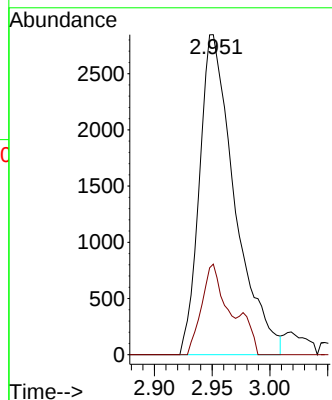
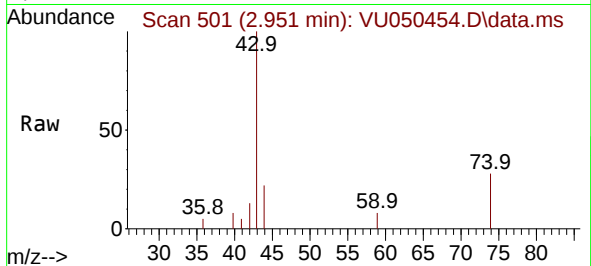




#15
Methyl Acetate
Concen: 2.078 ug/L
RT: 2.951 min Scan# 501
Delta R.T. 0.003 min
Lab File: VU050454.D
Acq: 26 Aug 2022 14:02

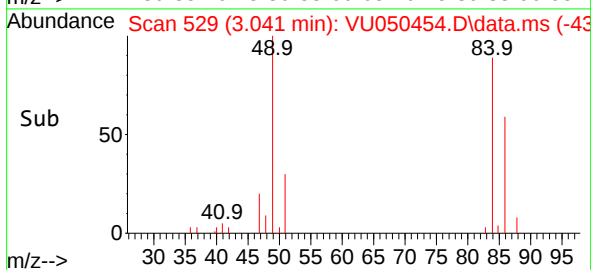
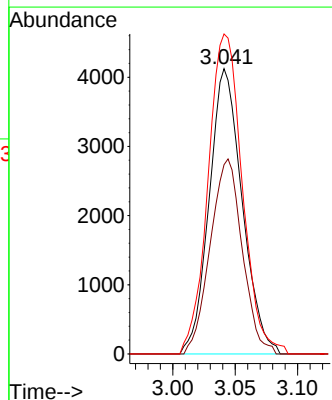
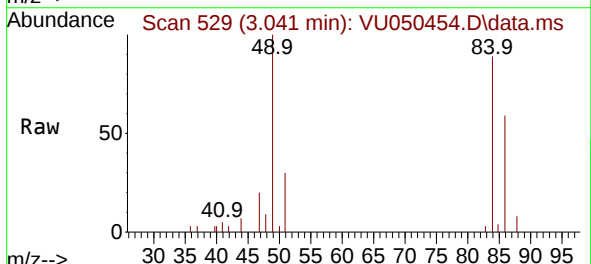
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT3-2022-05

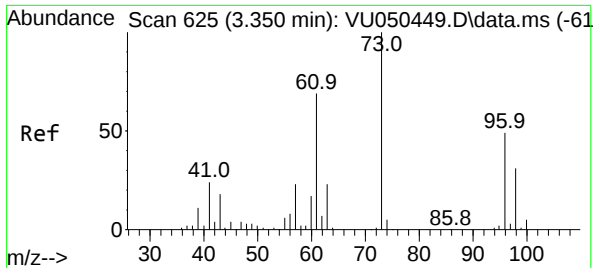
Tgt Ion: 43 Resp: 6044
Ion Ratio Lower Upper
43 100
74 19.1 21.2 31.8#



#16
Methylene chloride
Concen: 2.798 ug/L
RT: 3.041 min Scan# 529
Delta R.T. 0.000 min
Lab File: VU050454.D
Acq: 26 Aug 2022 14:02

Tgt Ion: 84 Resp: 7600
Ion Ratio Lower Upper
84 100
86 66.3 43.9 81.5
49 112.2 80.4 149.4





#17

trans-1,2-Dichloroethene

Concen: 1.960 ug/L

RT: 3.350 min Scan# 61

Delta R.T. 0.000 min

Lab File: VU050454.D

Acq: 26 Aug 2022 14:02

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-QT3-2022-05

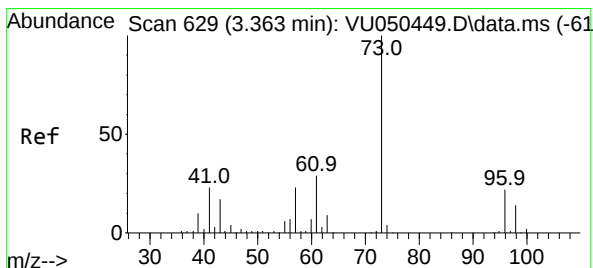
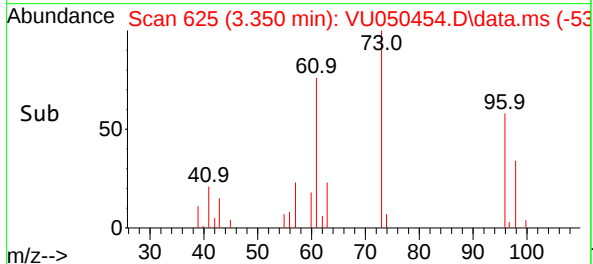
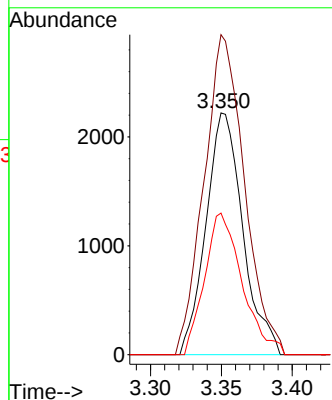
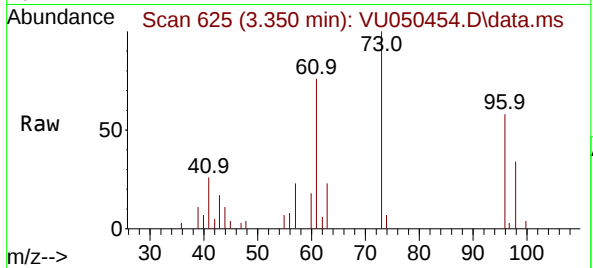
Tgt Ion: 96 Resp: 4016

Ion Ratio Lower Upper

96 100

61 126.5 98.5 182.9

98 56.0 45.7 84.9



#18

Methyl tert-butyl Ether

Concen: 2.131 ug/L

RT: 3.366 min Scan# 630

Delta R.T. 0.003 min

Lab File: VU050454.D

Acq: 26 Aug 2022 14:02

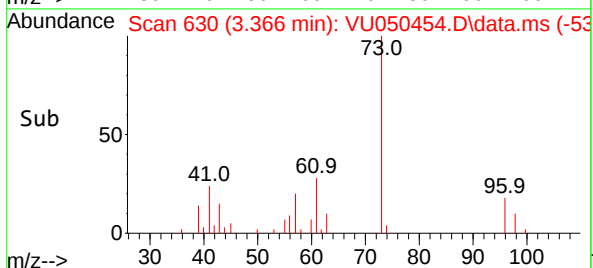
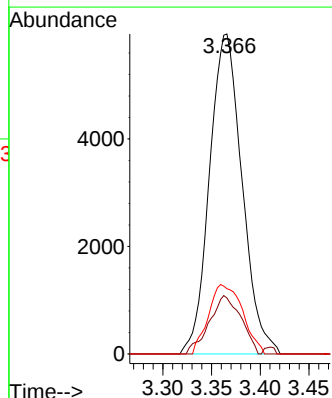
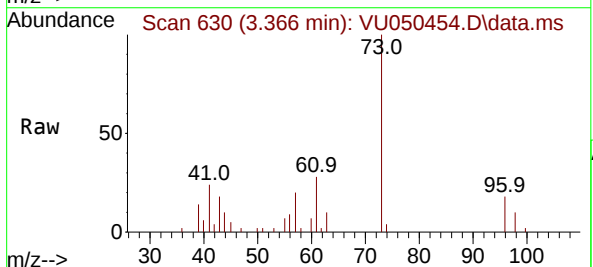
Tgt Ion: 73 Resp: 13820

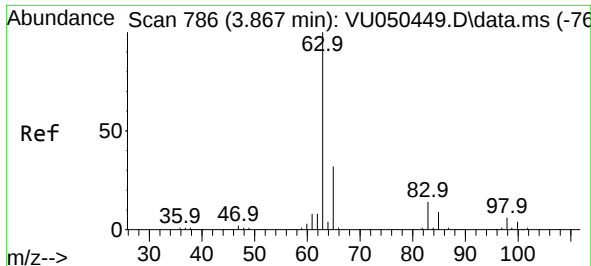
Ion Ratio Lower Upper

73 100

43 17.8 14.4 21.6

57 22.7 17.8 26.8

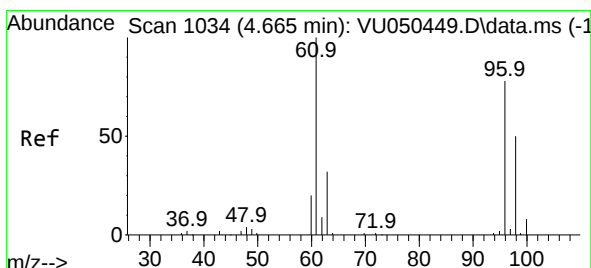
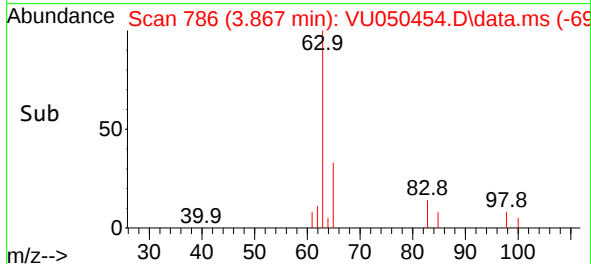
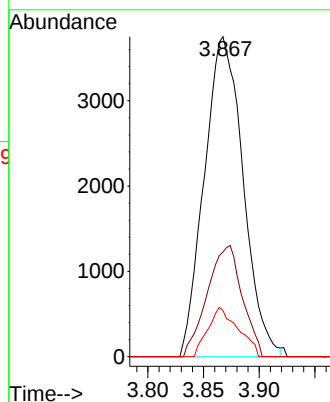
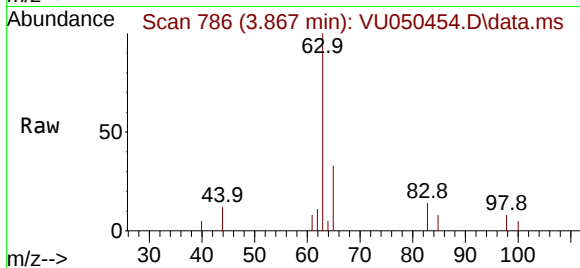




#19
1,1-Dichloroethane
Concen: 2.046 ug/L
RT: 3.867 min Scan# 71
Delta R.T. 0.000 min
Lab File: VU050454.D
Acq: 26 Aug 2022 14:02

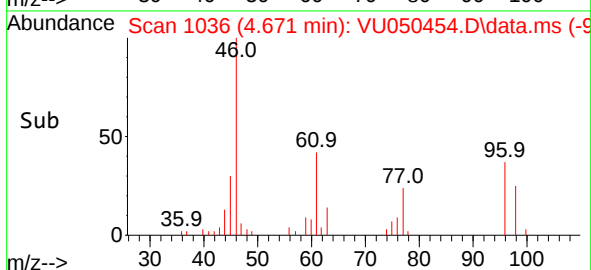
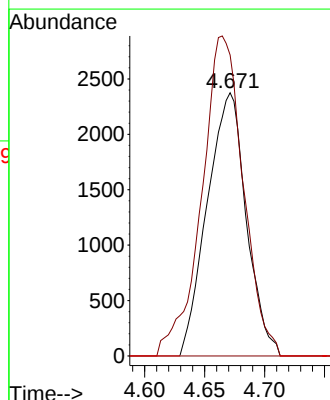
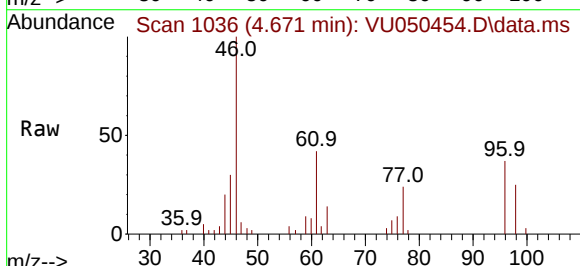
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT3-2022-05

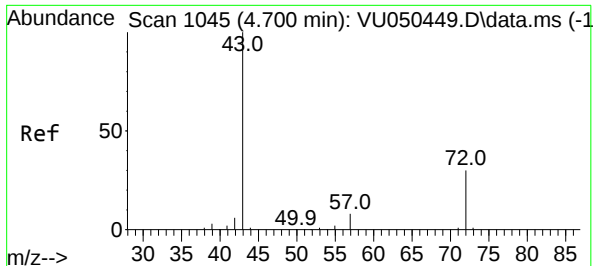
Tgt Ion:	63	Resp:	9081
Ion	Ratio	Lower	Upper
63	100		
65	32.7	23.3	43.3
83	14.4	9.0	16.8



#20
cis-1,2-Dichloroethene
Concen: 2.193 ug/L
RT: 4.671 min Scan# 1036
Delta R.T. 0.006 min
Lab File: VU050454.D
Acq: 26 Aug 2022 14:02

Tgt Ion:	96	Resp:	5379
Ion	Ratio	Lower	Upper
96	100		
61	114.4	88.1	163.5
68	0.0	0.0	0.0





#22

2-Butanone

Concen: 4.808 ug/L

RT: 4.716 min Scan# 1050

Delta R.T. 0.016 min

Lab File: VU050454.D

Acq: 26 Aug 2022 14:02

Instrument :

MSVOA_U

ClientSampleId :

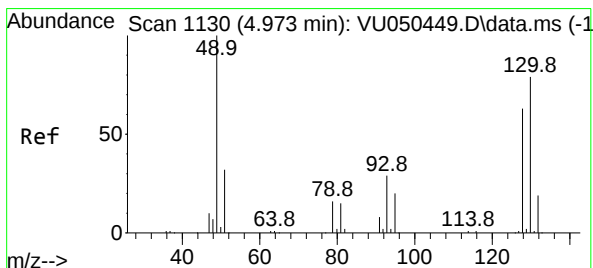
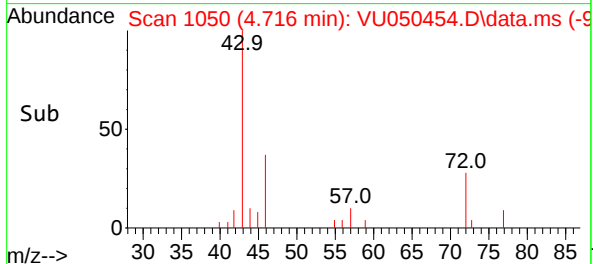
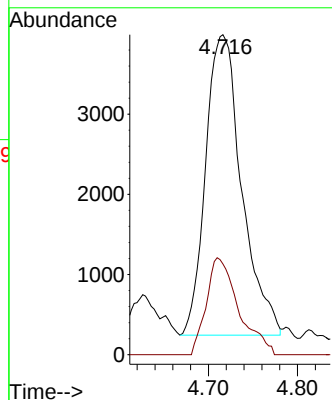
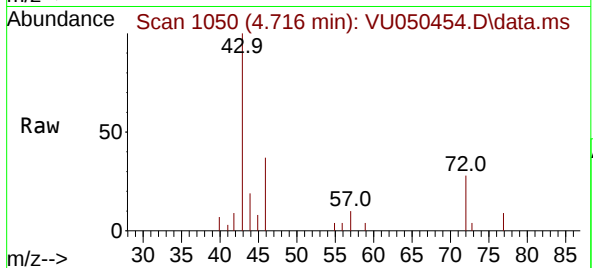
MDL-WATER-QT3-2022-05

Tgt Ion: 43 Resp: 10533

Ion Ratio Lower Upper

43 100

72 28.9 15.0 45.0



#23

Bromochloromethane

Concen: 1.930 ug/L

RT: 4.973 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VU050454.D

Acq: 26 Aug 2022 14:02

Tgt Ion: 128 Resp: 2586

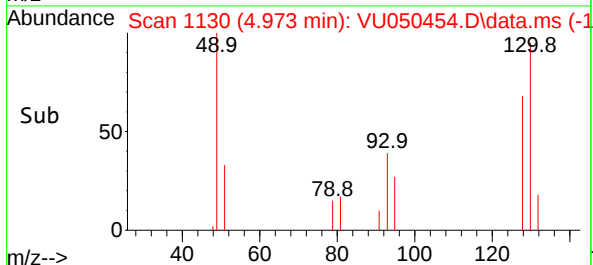
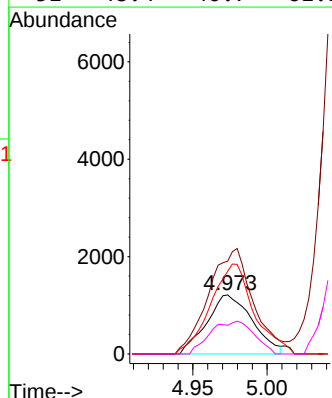
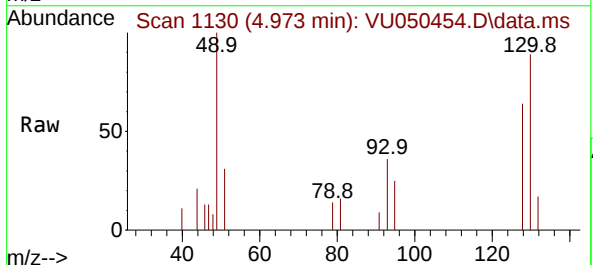
Ion Ratio Lower Upper

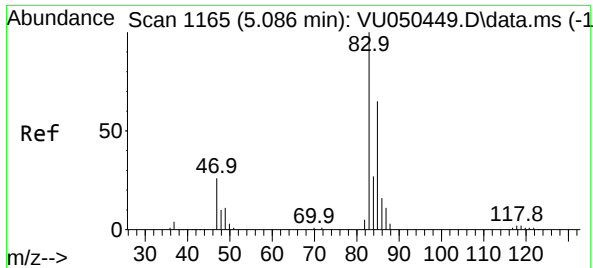
128 100

49 157.1 111.2 206.4

130 140.0 91.1 169.1

51 48.4 40.7 61.1





#25

Chloroform

Concen: 2.645 ug/L

RT: 5.089 min Scan# 1165

Delta R.T. 0.003 min

Lab File: VU050454.D

Acq: 26 Aug 2022 14:02

Instrument :

MSVOA_U

ClientSampleId :

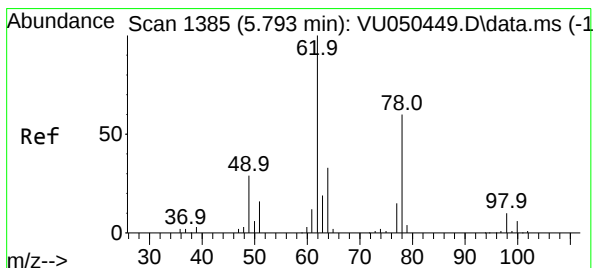
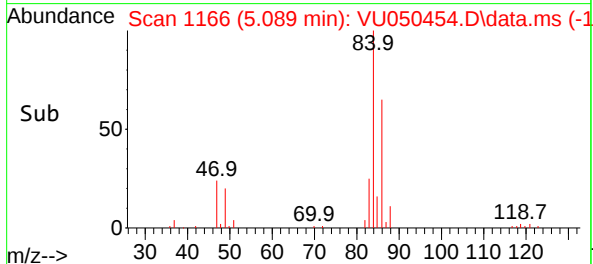
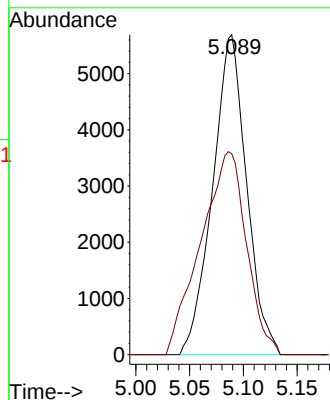
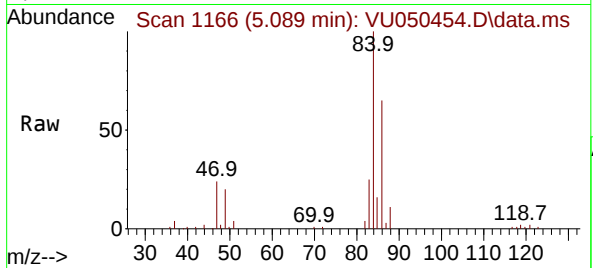
MDL-WATER-QT3-2022-05

Tgt Ion: 83 Resp: 12505

Ion Ratio Lower Upper

83 100

85 62.8 45.7 84.9



#27

1,2-Dichloroethane

Concen: 2.191 ug/L

RT: 5.797 min Scan# 1386

Delta R.T. 0.003 min

Lab File: VU050454.D

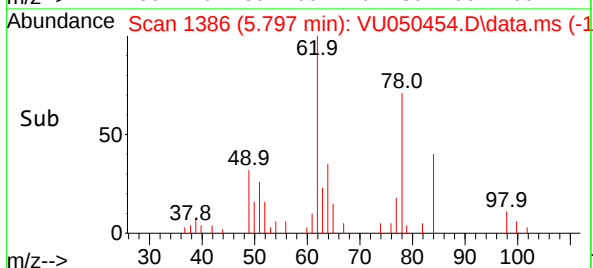
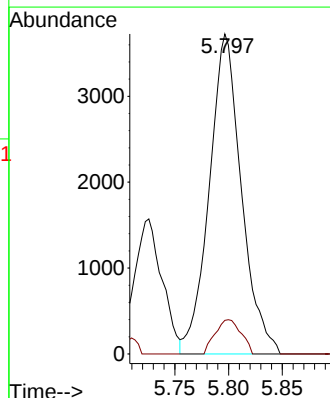
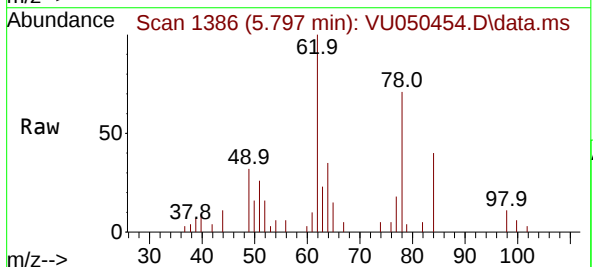
Acq: 26 Aug 2022 14:02

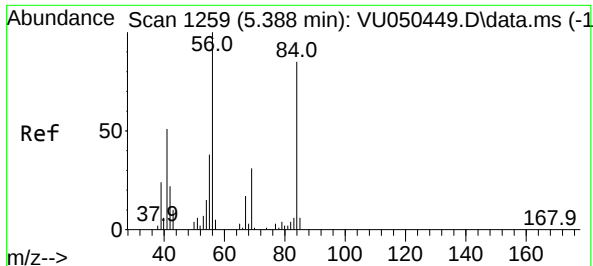
Tgt Ion: 62 Resp: 7728

Ion Ratio Lower Upper

62 100

98 10.5 7.3 10.9





#29

Cyclohexane

Concen: 1.689 ug/L

RT: 5.388 min Scan# 1259

Delta R.T. 0.000 min

Lab File: VU050454.D

Acq: 26 Aug 2022 14:02

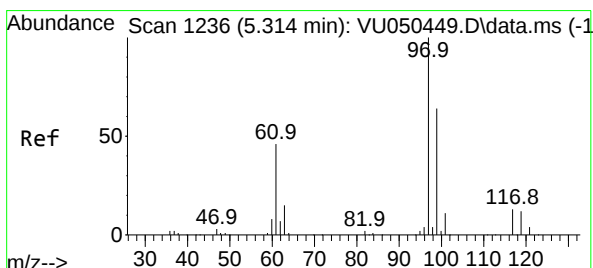
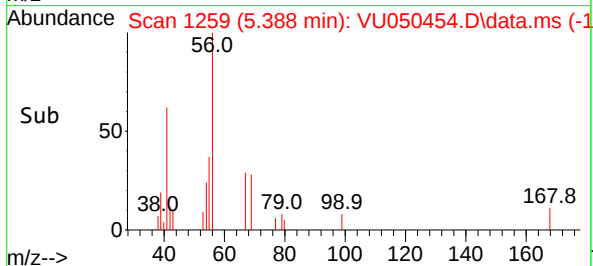
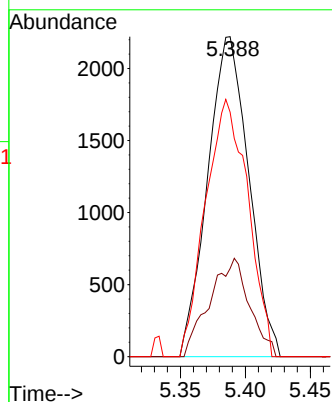
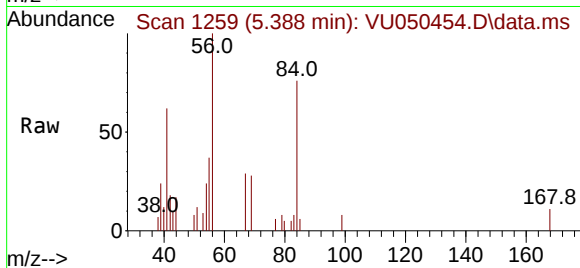
Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-QT3-2022-05

Tgt Ion: 56	Resp: 4884
Ion Ratio	Lower Upper
56	100
69	11.9 24.6 36.8#
84	82.9 68.8 103.2



#30

1,1,1-Trichloroethane

Concen: 2.065 ug/L

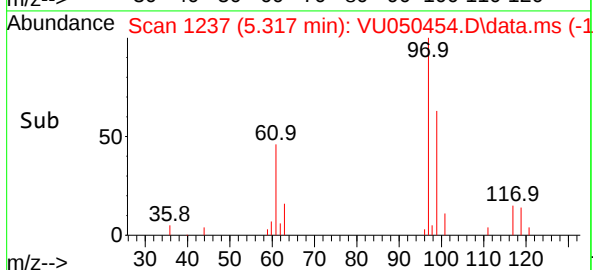
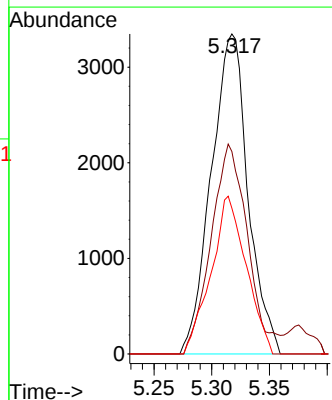
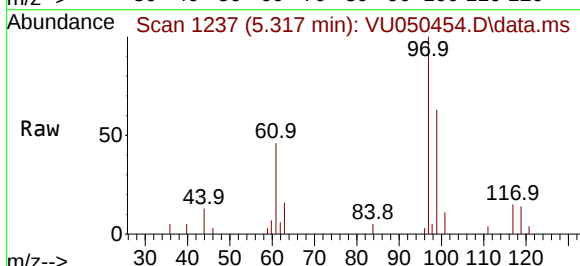
RT: 5.317 min Scan# 1237

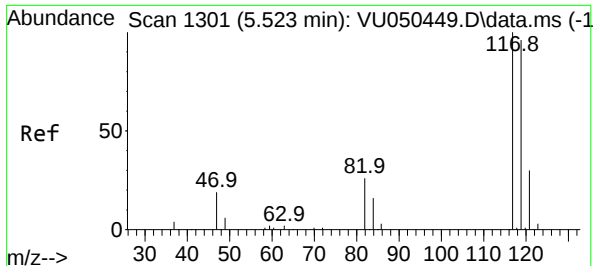
Delta R.T. 0.003 min

Lab File: VU050454.D

Acq: 26 Aug 2022 14:02

Tgt Ion: 97	Resp: 7427
Ion Ratio	Lower Upper
97	100
99	63.8 51.2 76.8
61	47.2 36.6 55.0

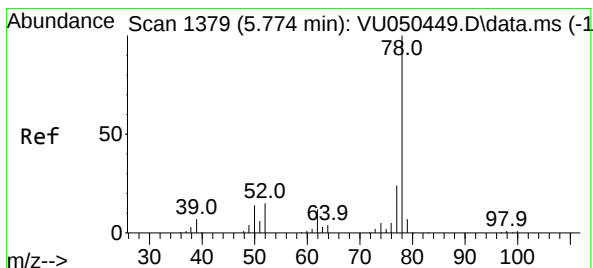
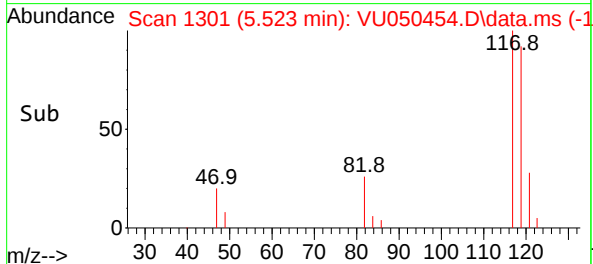
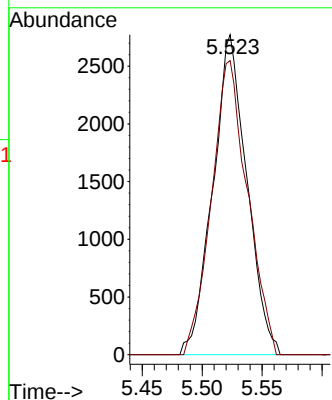
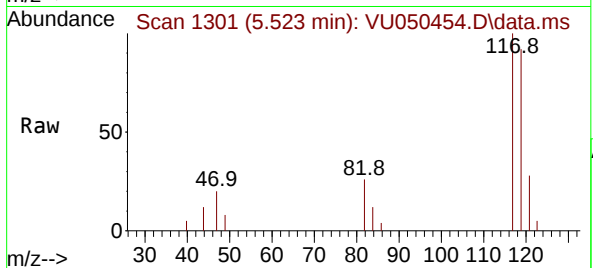




#31
Carbon tetrachloride
Concen: 1.850 ug/L
RT: 5.523 min Scan# 117
Delta R.T. 0.000 min
Lab File: VU050454.D
Acq: 26 Aug 2022 14:02

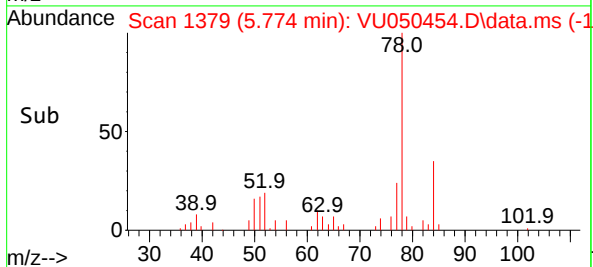
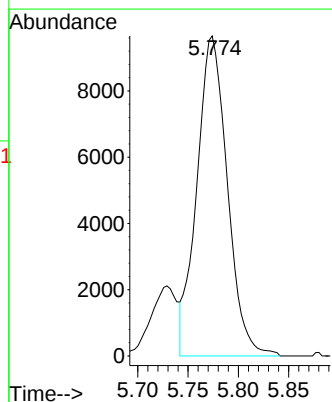
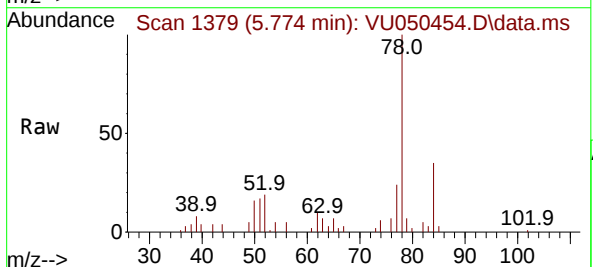
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT3-2022-05

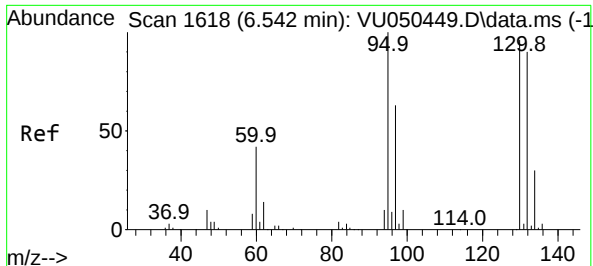
Tgt Ion:117 Resp: 5461
Ion Ratio Lower Upper
117 100
119 97.3 76.9 115.3



#33
Benzene
Concen: 2.140 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. 0.000 min
Lab File: VU050454.D
Acq: 26 Aug 2022 14:02

Tgt Ion: 78 Resp: 20365

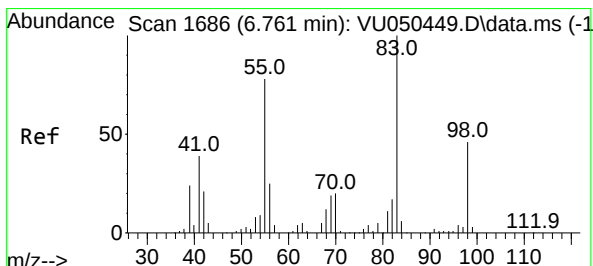
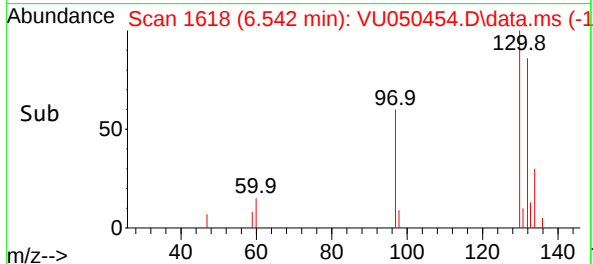
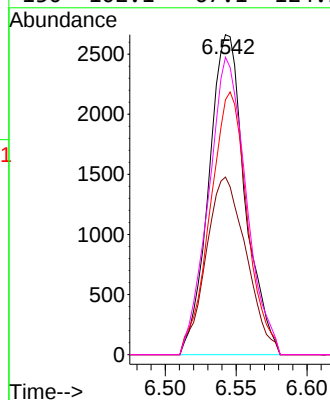
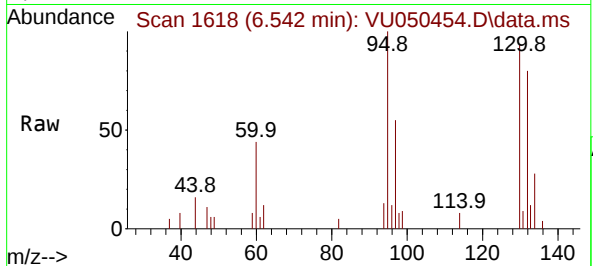




#34
Trichloroethene
Concen: 2.097 ug/L
RT: 6.542 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VU050454.D
Acq: 26 Aug 2022 14:02

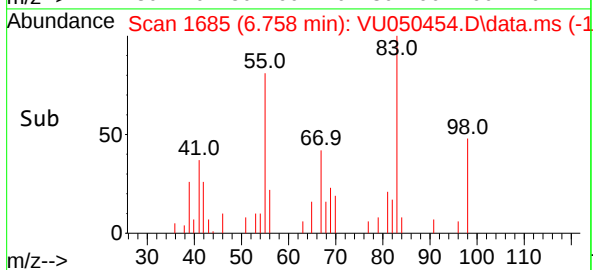
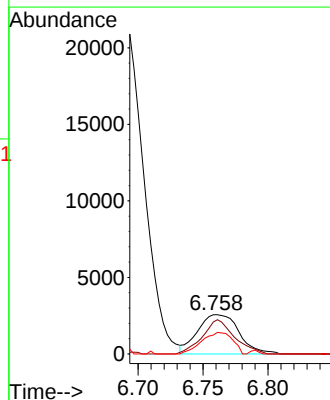
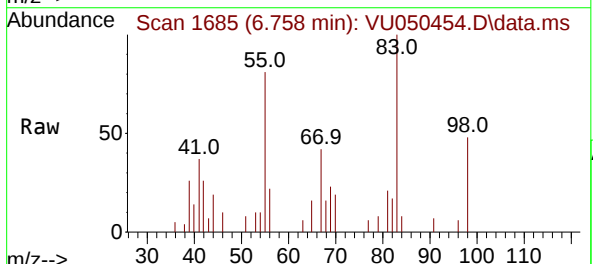
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT3-2022-05

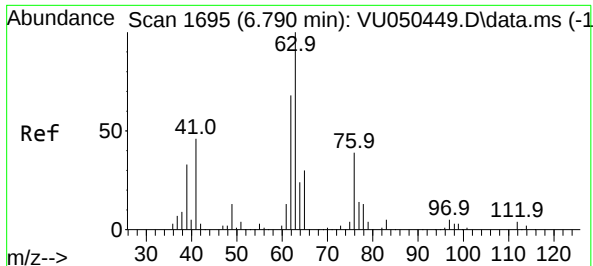
Tgt Ion:	95	Resp:	4725
Ion	Ratio	Lower	Upper
95	100		
97	55.5	45.2	84.0
132	91.3	64.4	119.6
130	102.1	67.1	124.5



#35
Methylcyclohexane
Concen: 1.815 ug/L
RT: 6.758 min Scan# 1685
Delta R.T. -0.003 min
Lab File: VU050454.D
Acq: 26 Aug 2022 14:02

Tgt Ion:	83	Resp:	5718
Ion	Ratio	Lower	Upper
83	100		
55	66.9	61.9	92.9
98	40.7	35.8	53.8





#37

1,2-Dichloropropane

Concen: 2.251 ug/L

RT: 6.790 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU050454.D

Acq: 26 Aug 2022 14:02

Instrument :

MSVOA_U

ClientSampleId :

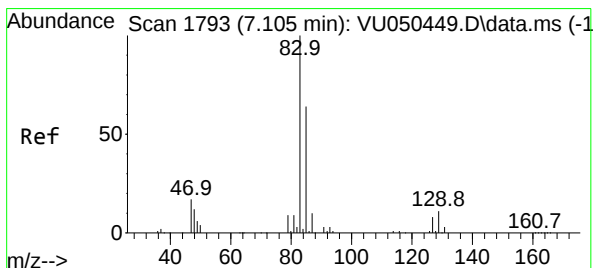
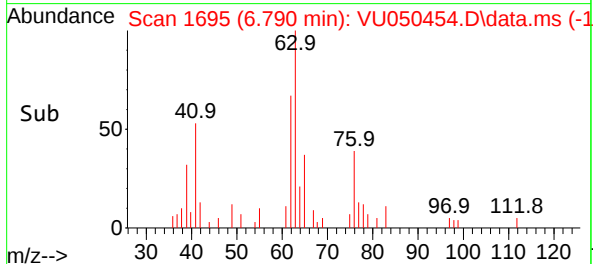
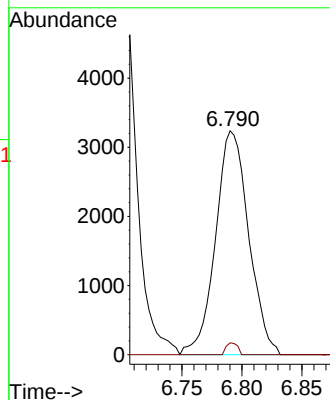
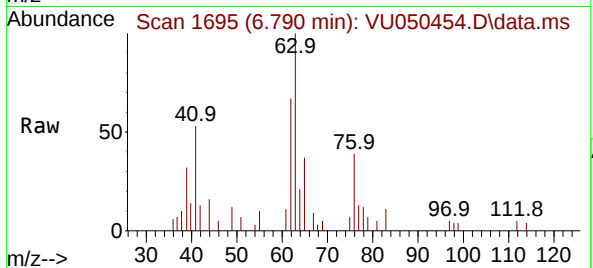
MDL-WATER-QT3-2022-05

Tgt Ion: 63 Resp: 6224

Ion Ratio Lower Upper

63 100

112 1.8 3.0 4.4#



#38

Bromodichloromethane

Concen: 1.932 ug/L

RT: 7.105 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VU050454.D

Acq: 26 Aug 2022 14:02

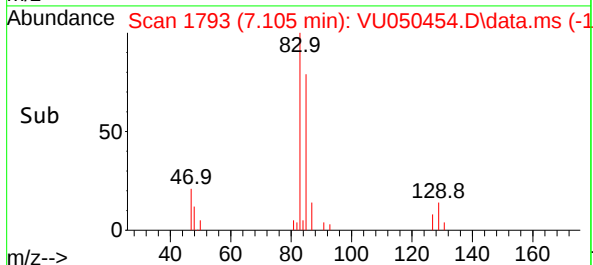
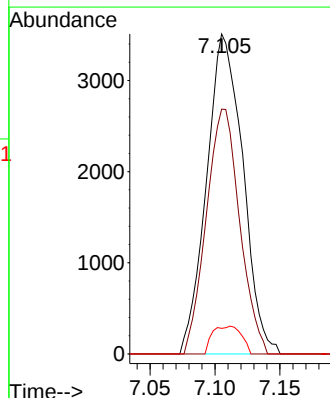
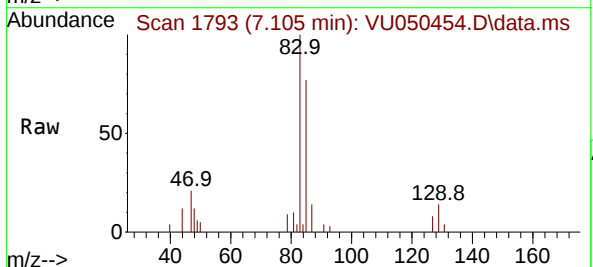
Tgt Ion: 83 Resp: 6813

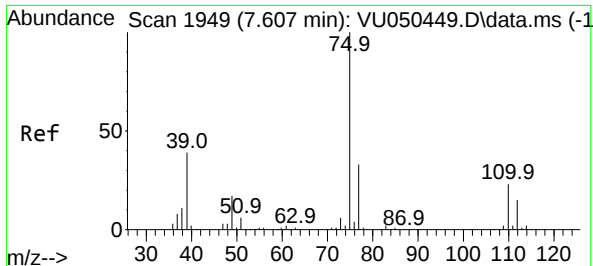
Ion Ratio Lower Upper

83 100

85 76.5 46.2 85.8

127 8.0 6.7 10.1





#39

cis-1,3-Dichloropropene

Concen: 1.944 ug/L

RT: 7.610 min Scan# 1949

Delta R.T. 0.003 min

Lab File: VU050454.D

Acq: 26 Aug 2022 14:02

Instrument :

MSVOA_U

ClientSampleId :

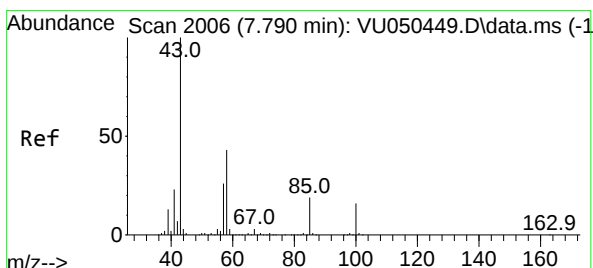
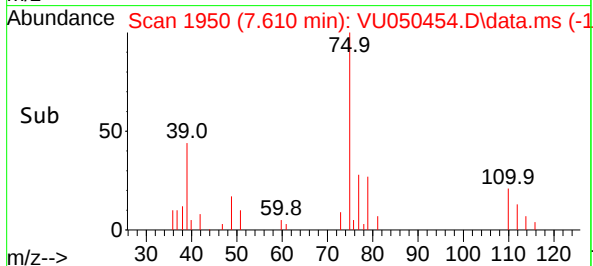
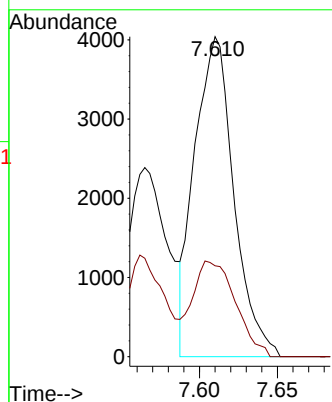
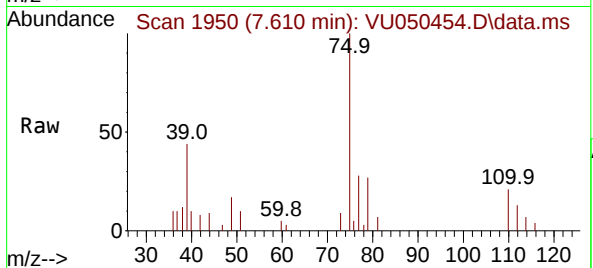
MDL-WATER-QT3-2022-05

Tgt Ion: 75 Resp: 7056

Ion Ratio Lower Upper

75 100

77 27.2 22.8 42.4



#40

4-Methyl-2-pentanone

Concen: 3.926 ug/L

RT: 7.793 min Scan# 2007

Delta R.T. 0.003 min

Lab File: VU050454.D

Acq: 26 Aug 2022 14:02

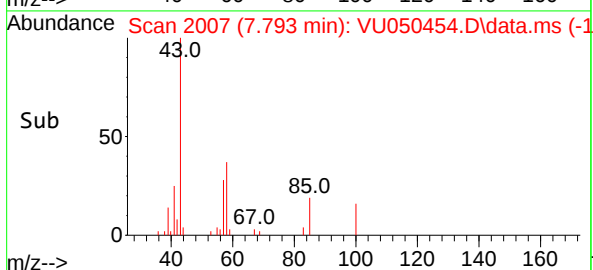
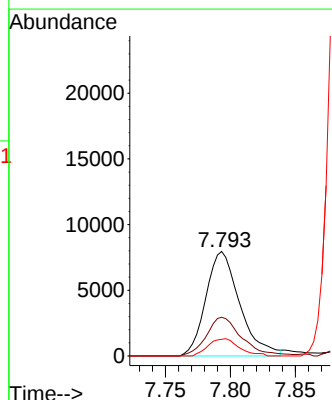
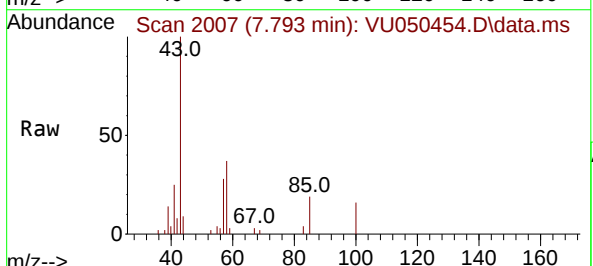
Tgt Ion: 43 Resp: 14425

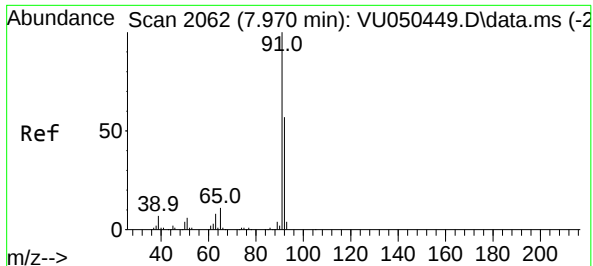
Ion Ratio Lower Upper

43 100

58 38.7 34.0 51.0

100 14.5 13.0 19.4





#42

Toluene

Concen: 2.082 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. 0.000 min

Lab File: VU050454.D

Acq: 26 Aug 2022 14:02

Instrument :

MSVOA_U

ClientSampleId :

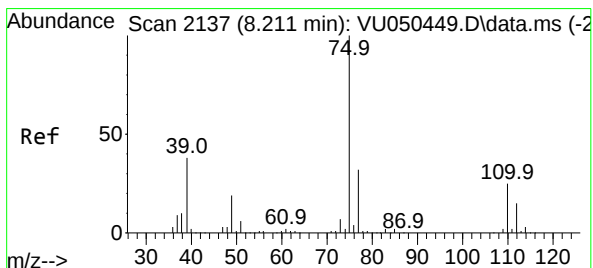
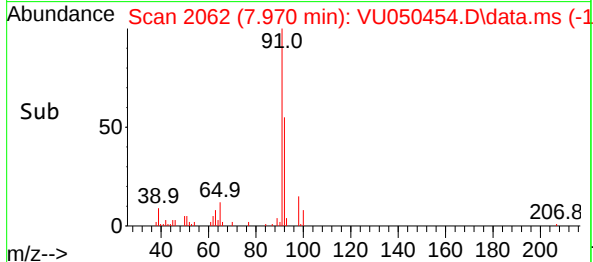
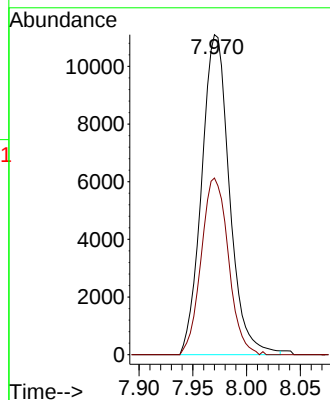
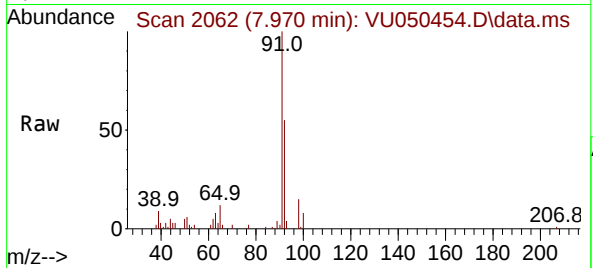
MDL-WATER-QT3-2022-05

Tgt Ion: 91 Resp: 19965

Ion Ratio Lower Upper

91 100

92 55.2 40.3 74.9



#44

trans-1,3-Dichloropropene

Concen: 1.881 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. 0.000 min

Lab File: VU050454.D

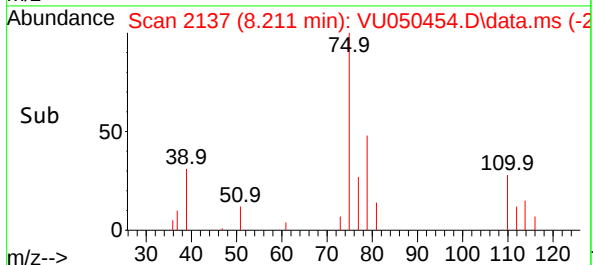
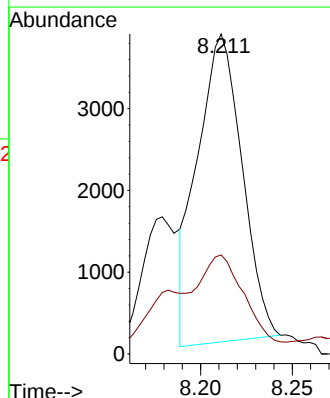
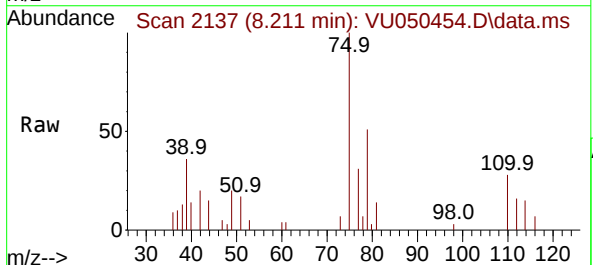
Acq: 26 Aug 2022 14:02

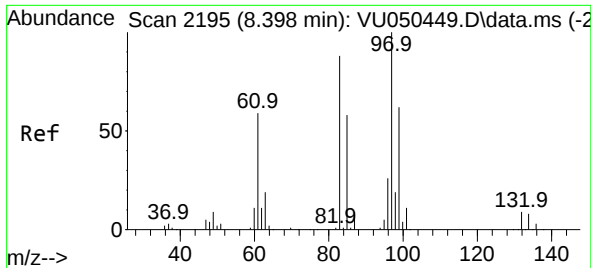
Tgt Ion: 75 Resp: 6366

Ion Ratio Lower Upper

75 100

77 30.9 22.5 41.7

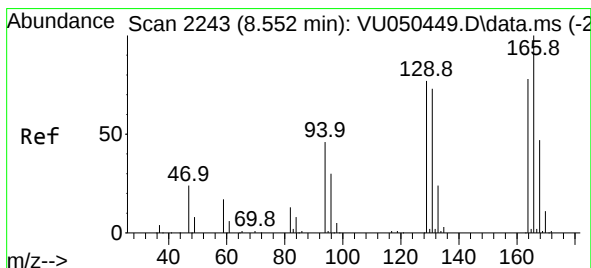
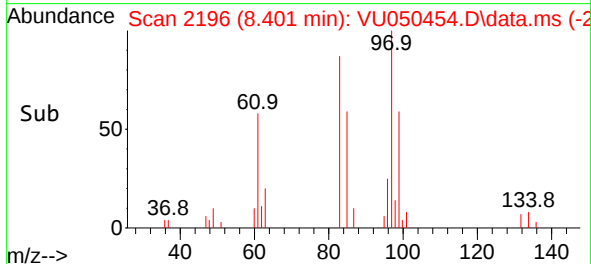
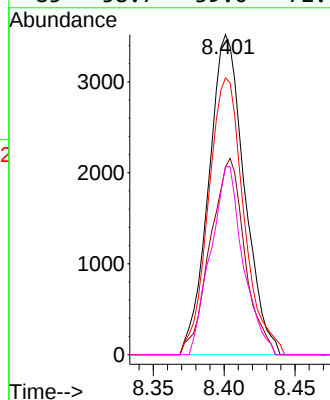
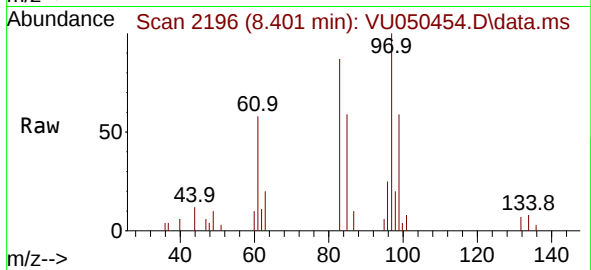




#45
1,1,2-Trichloroethane
Concen: 2.265 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. 0.003 min
Lab File: VU050454.D
Acq: 26 Aug 2022 14:02

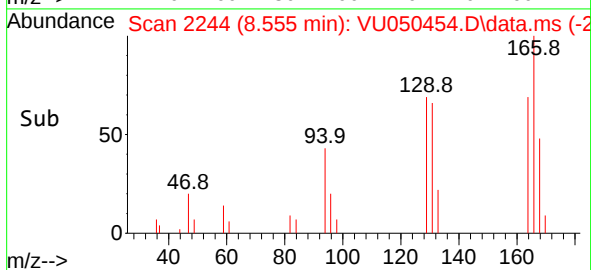
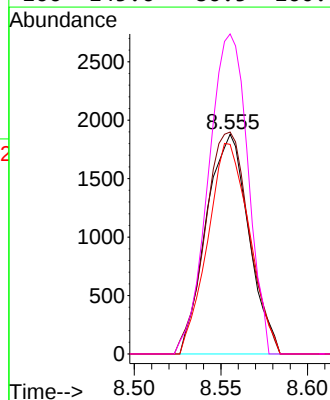
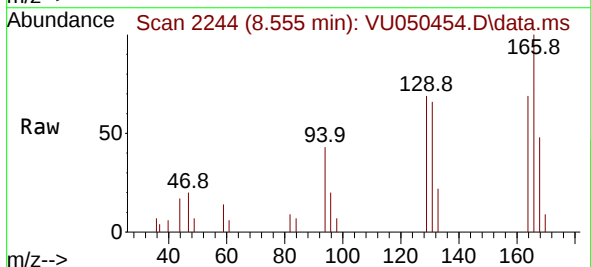
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT3-2022-05

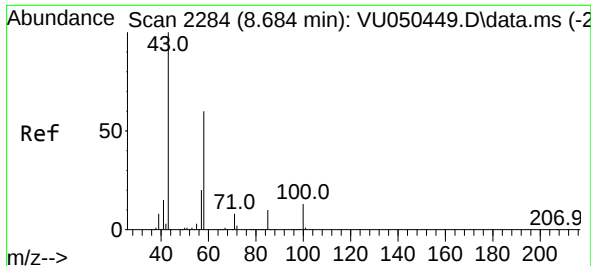
Tgt Ion:	97	Resp:	6162
Ion	Ratio	Lower	Upper
97	100		
99	58.6	43.3	80.3
83	86.5	60.3	112.1
85	58.7	39.0	72.4



#46
Tetrachloroethene
Concen: 1.941 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.003 min
Lab File: VU050454.D
Acq: 26 Aug 2022 14:02

Tgt Ion:	164	Resp:	3211
Ion	Ratio	Lower	Upper
164	100		
129	101.0	68.0	126.4
131	95.4	65.4	121.4
166	145.6	86.5	160.7

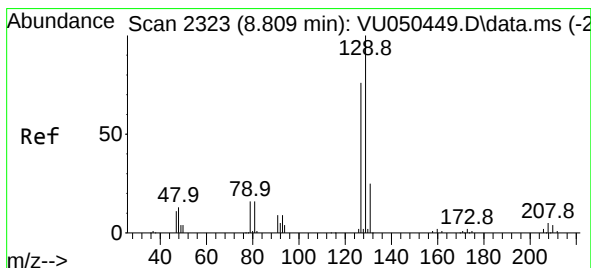
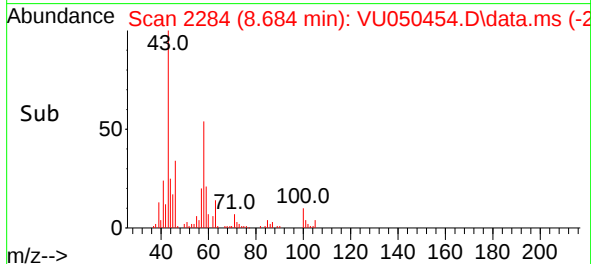
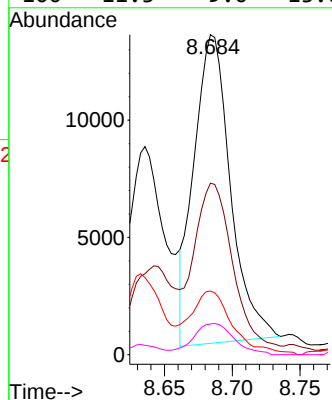
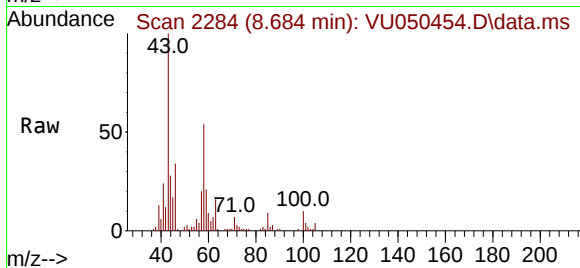




#48
2-Hexanone
Concen: 8.040 ug/L
RT: 8.684 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU050454.D
Acq: 26 Aug 2022 14:02

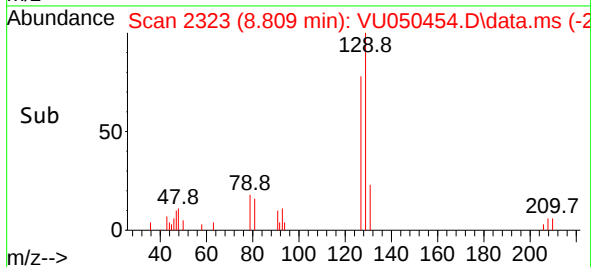
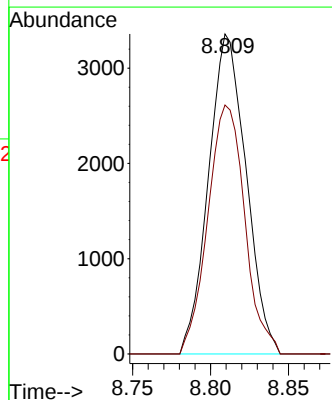
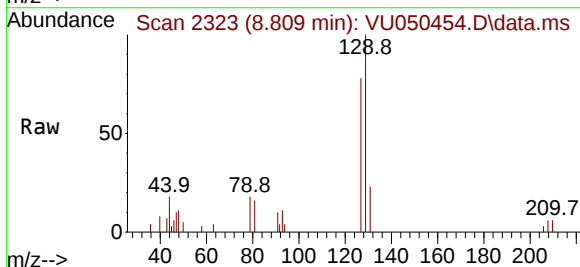
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT3-2022-05

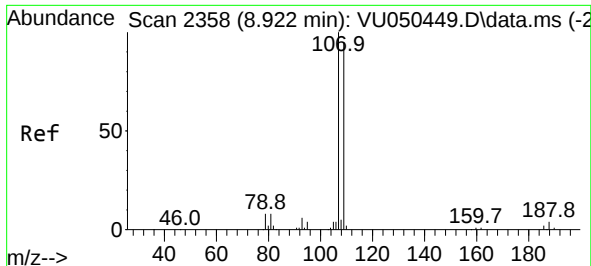
Tgt Ion:	43	Resp:	24667
Ion	Ratio	Lower	Upper
43	100		
58	58.7	47.9	71.9
57	18.7	15.4	23.0
100	11.3	9.0	13.6



#49
Dibromochloromethane
Concen: 1.995 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. 0.000 min
Lab File: VU050454.D
Acq: 26 Aug 2022 14:02

Tgt Ion:	129	Resp:	5621
Ion	Ratio	Lower	Upper
129	100		
127	77.8	55.9	103.7





#50

1,2-Dibromoethane

Concen: 2.146 ug/L

RT: 8.922 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU050454.D

Acq: 26 Aug 2022 14:02

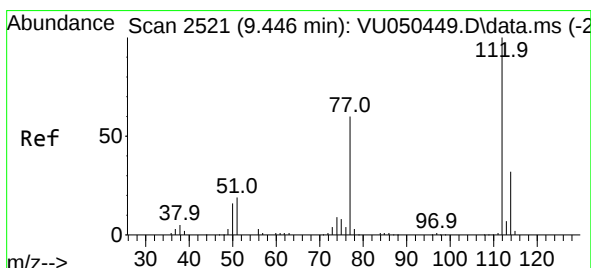
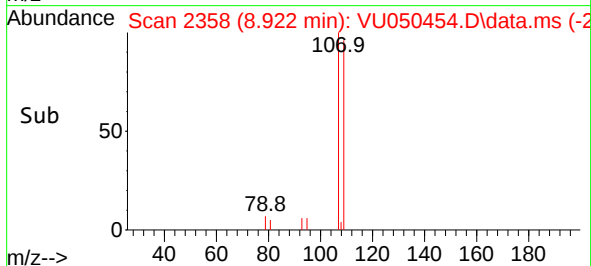
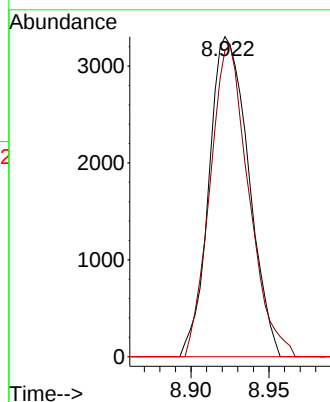
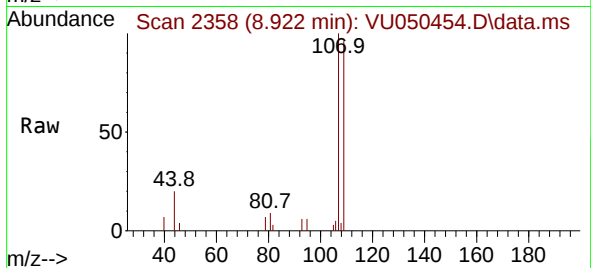
Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-QT3-2022-05

Tgt Ion:	107	Resp:	5834
Ion Ratio	Lower	Upper	
107	100		
109	95.9	66.0	122.6
188	0.0	2.7	4.1#



#51

Chlorobenzene

Concen: 2.132 ug/L

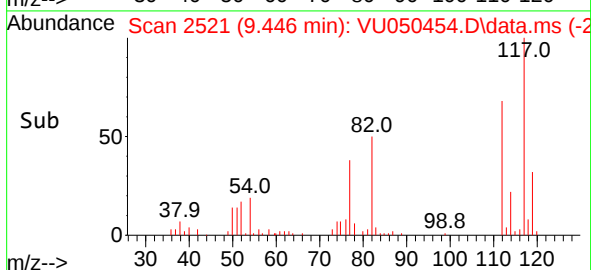
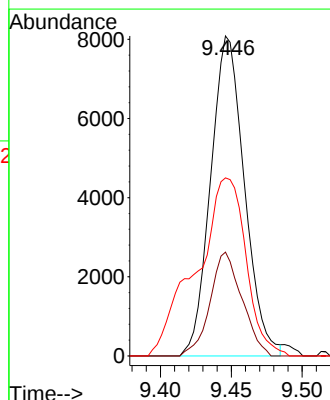
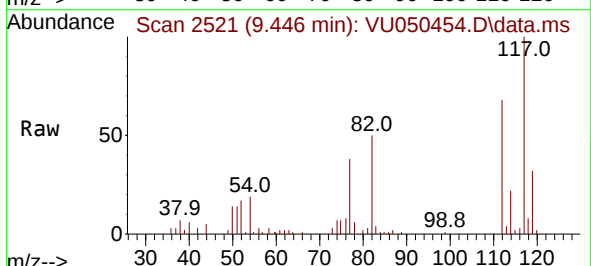
RT: 9.446 min Scan# 2521

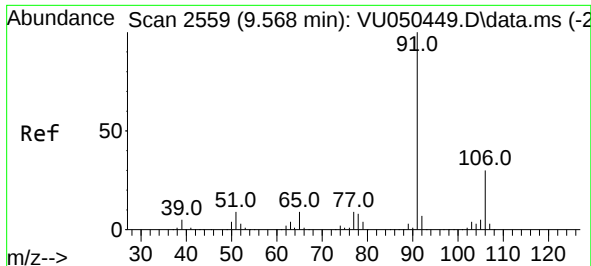
Delta R.T. 0.000 min

Lab File: VU050454.D

Acq: 26 Aug 2022 14:02

Tgt Ion:	112	Resp:	13418
Ion Ratio	Lower	Upper	
112	100		
114	32.4	21.8	40.6
77	55.6	47.6	71.4

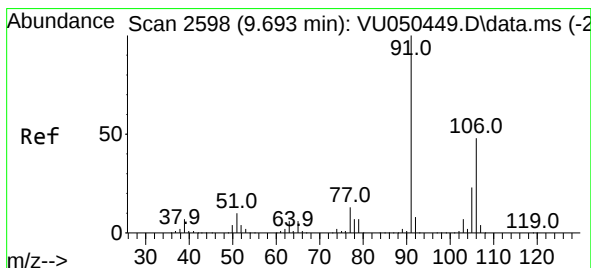
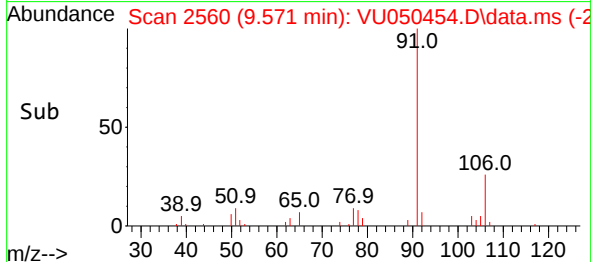
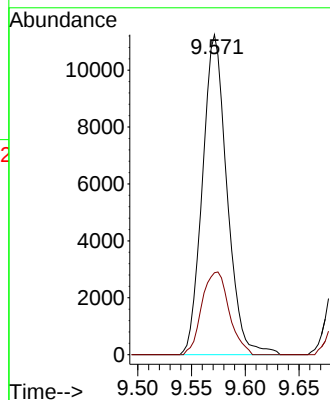
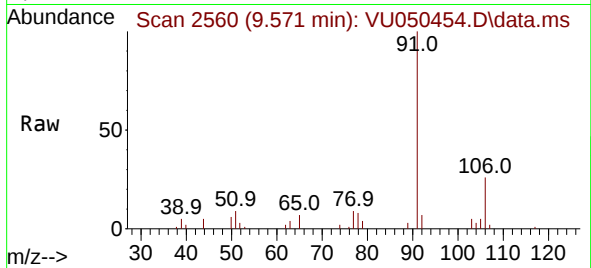




#52
Ethylbenzene
Concen: 1.848 ug/L
RT: 9.571 min Scan# 2559
Delta R.T. 0.003 min
Lab File: VU050454.D
Acq: 26 Aug 2022 14:02

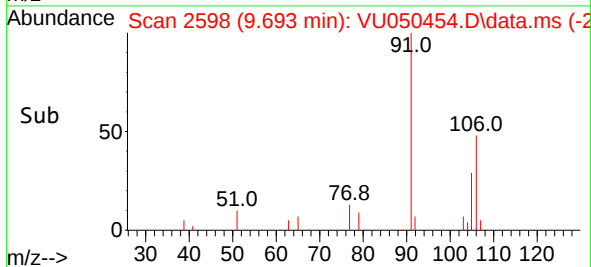
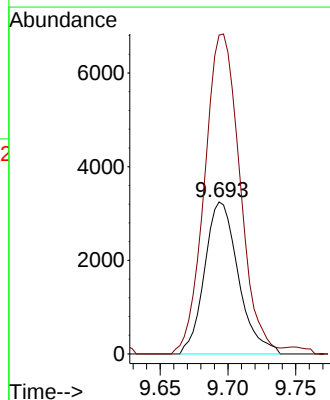
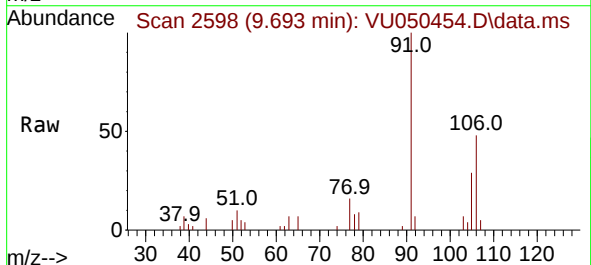
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT3-2022-05

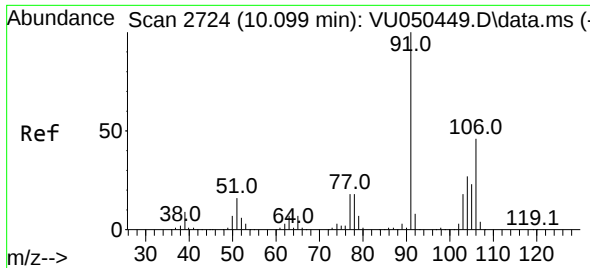
Tgt Ion: 91 Resp: 17865
Ion Ratio Lower Upper
91 100
106 25.6 21.7 40.3



#53
m,p-Xylene
Concen: 1.559 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. 0.000 min
Lab File: VU050454.D
Acq: 26 Aug 2022 14:02

Tgt Ion: 106 Resp: 5628
Ion Ratio Lower Upper
106 100
91 209.8 145.9 270.9

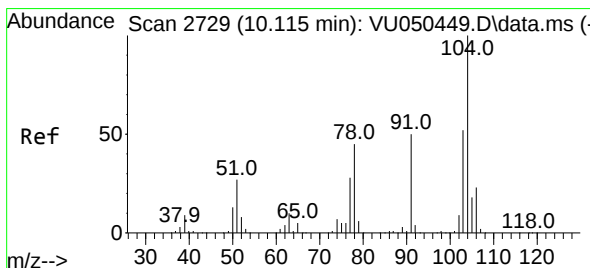
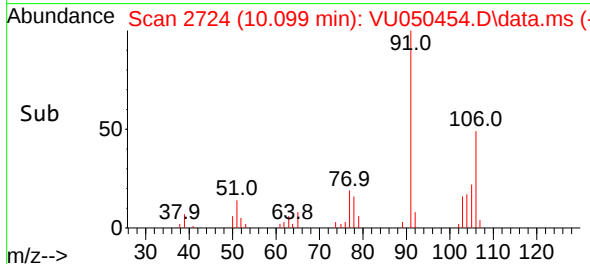
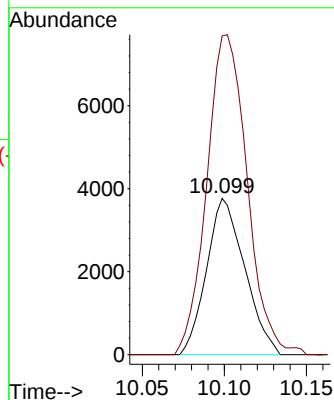
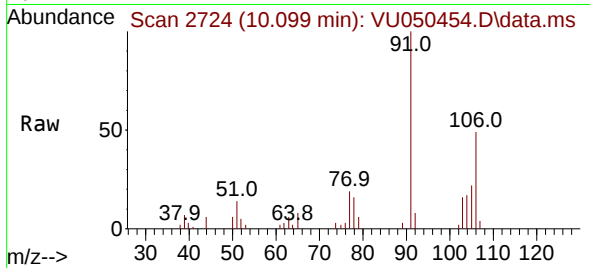




#54
o-Xylene
Concen: 1.697 ug/L
RT: 10.099 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU050454.D
Acq: 26 Aug 2022 14:02

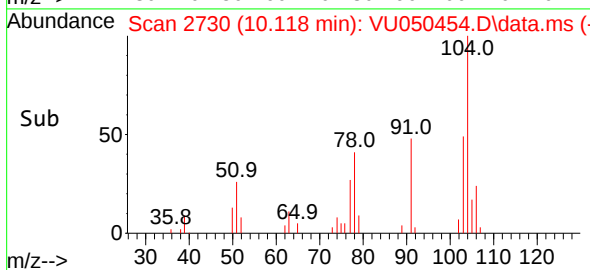
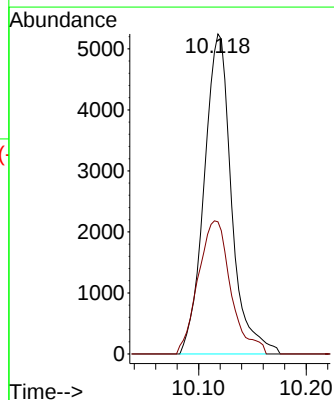
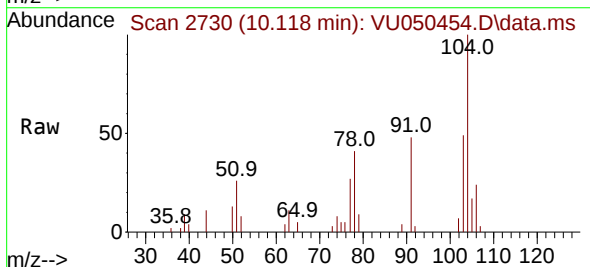
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT3-2022-05

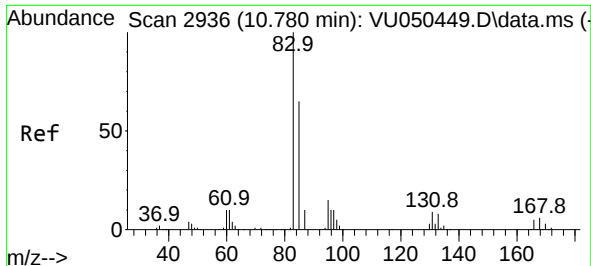
Tgt Ion:106 Resp: 6086
Ion Ratio Lower Upper
106 100
91 187.2 154.8 287.4



#55
Styrene
Concen: 1.520 ug/L
RT: 10.118 min Scan# 2730
Delta R.T. 0.003 min
Lab File: VU050454.D
Acq: 26 Aug 2022 14:02

Tgt Ion:104 Resp: 9272
Ion Ratio Lower Upper
104 100
78 41.3 31.6 58.8





#57

1,1,2,2-Tetrachloroethane

Concen: 2.289 ug/L

RT: 10.783 min Scan# 2936

Delta R.T. 0.003 min

Lab File: VU050454.D

Acq: 26 Aug 2022 14:02

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-QT3-2022-05

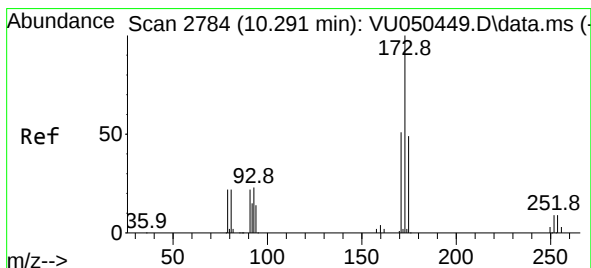
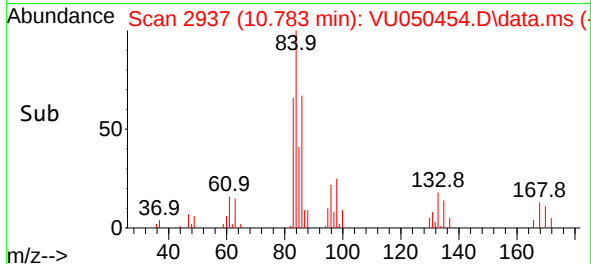
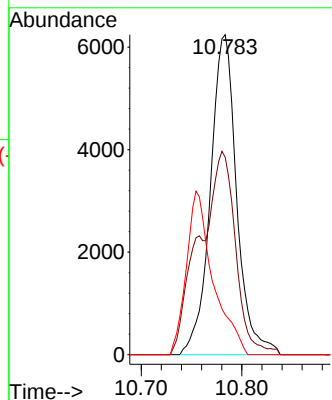
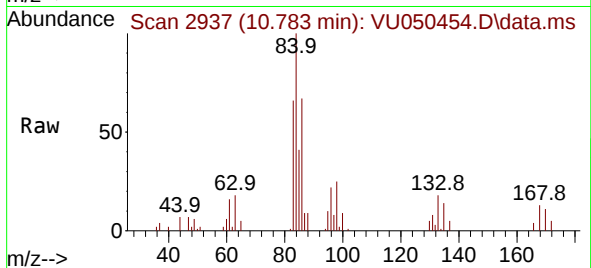
Tgt Ion: 83 Resp: 11377

Ion Ratio Lower Upper

83 100

85 61.7 45.4 84.2

131 12.5 7.2 10.8#



#59

Bromoform

Concen: 2.268 ug/L

RT: 10.292 min Scan# 2784

Delta R.T. 0.000 min

Lab File: VU050454.D

Acq: 26 Aug 2022 14:02

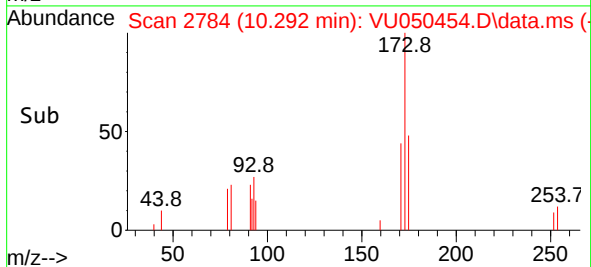
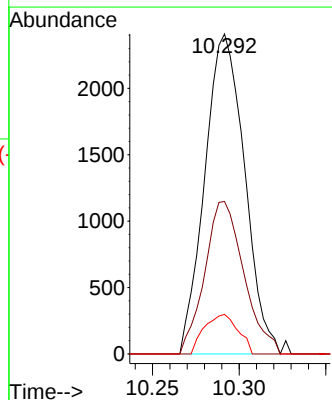
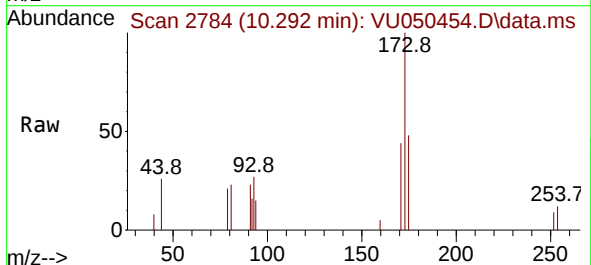
Tgt Ion:173 Resp: 3843

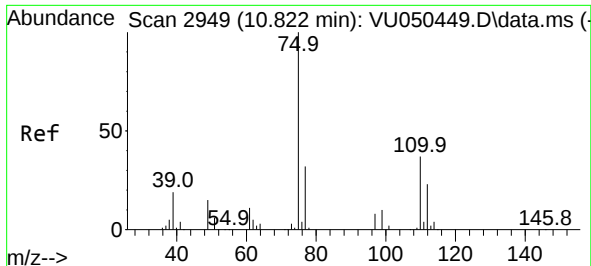
Ion Ratio Lower Upper

173 100

175 46.9 38.4 57.6

254 10.5 7.1 10.7

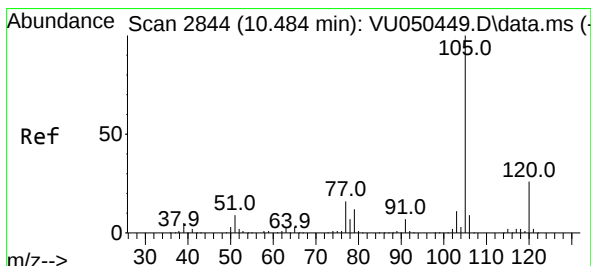
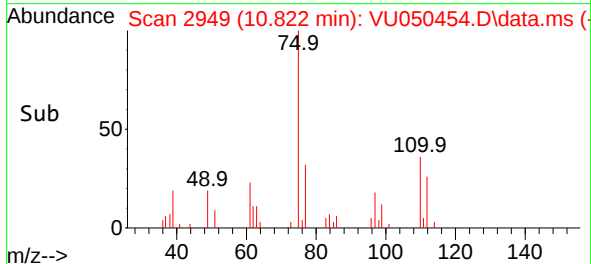
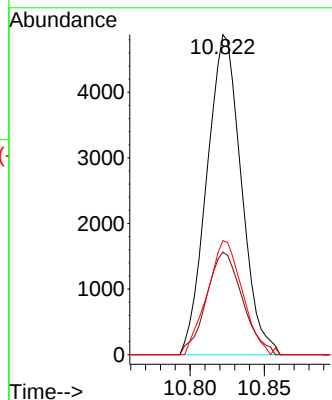
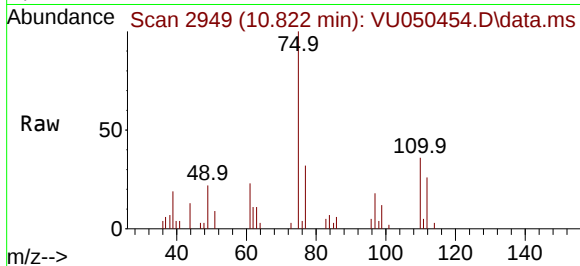




#60
1,2,3-Trichloropropane
Concen: 2.578 ug/L
RT: 10.822 min Scan# 2949
Delta R.T. 0.000 min
Lab File: VU050454.D
Acq: 26 Aug 2022 14:02

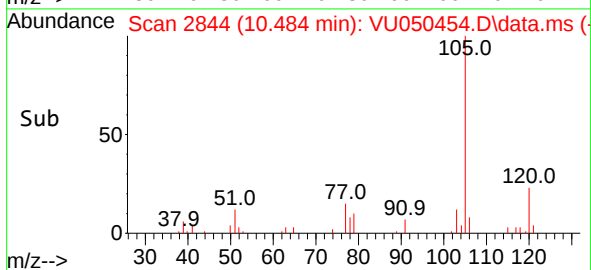
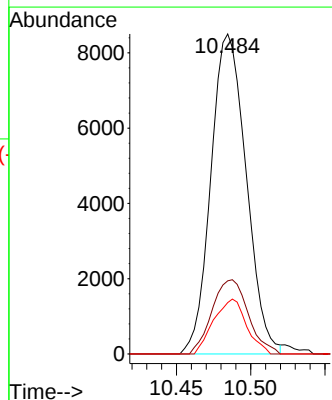
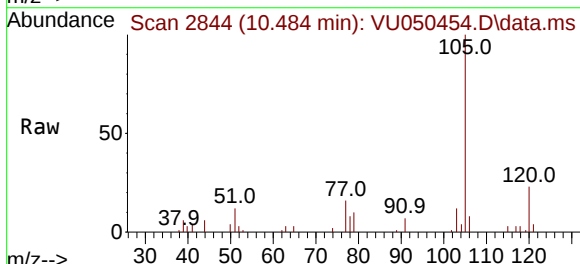
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT3-2022-05

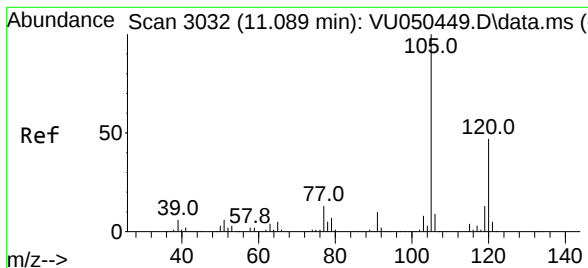
Tgt Ion:	75	Resp:	7864
Ion	Ratio	Lower	Upper
75	100		
77	33.7	25.7	38.5
110	36.1	29.0	43.4



#61
Isopropylbenzene
Concen: 1.918 ug/L
RT: 10.484 min Scan# 2844
Delta R.T. 0.000 min
Lab File: VU050454.D
Acq: 26 Aug 2022 14:02

Tgt Ion:	105	Resp:	14038
Ion	Ratio	Lower	Upper
105	100		
120	23.9	20.7	31.1
77	16.0	12.5	18.7





#62

1,3,5-Trimethylbenzene

Concen: 1.790 ug/L

RT: 11.089 min Scan# 3032

Delta R.T. 0.000 min

Lab File: VU050454.D

Acq: 26 Aug 2022 14:02

Instrument :

MSVOA_U

ClientSampleId :

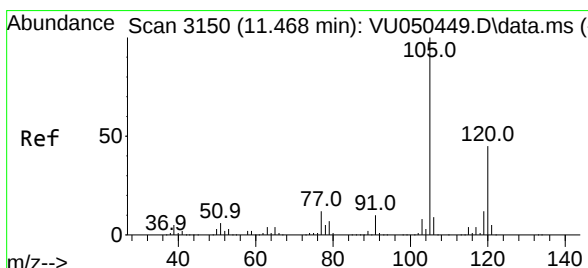
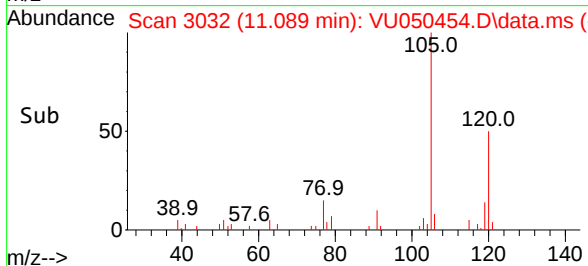
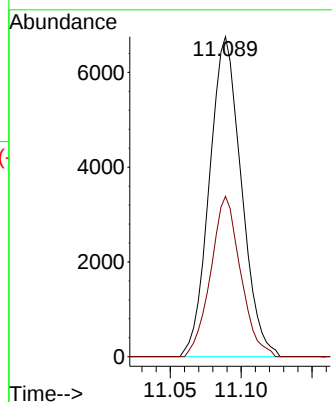
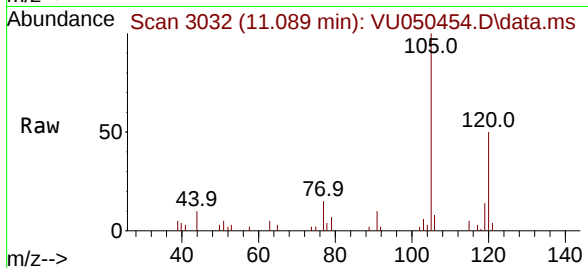
MDL-WATER-QT3-2022-05

Tgt Ion:105 Resp: 10583

Ion Ratio Lower Upper

105 100

120 46.9 38.1 57.1



#63

1,2,4-Trimethylbenzene

Concen: 1.690 ug/L

RT: 11.468 min Scan# 3150

Delta R.T. 0.000 min

Lab File: VU050454.D

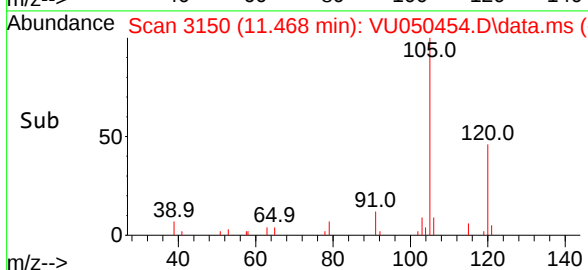
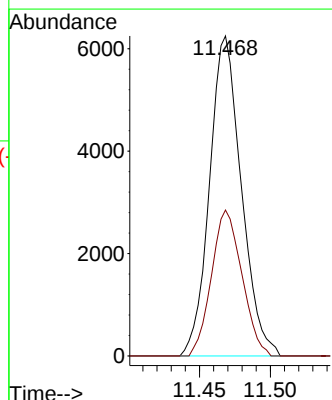
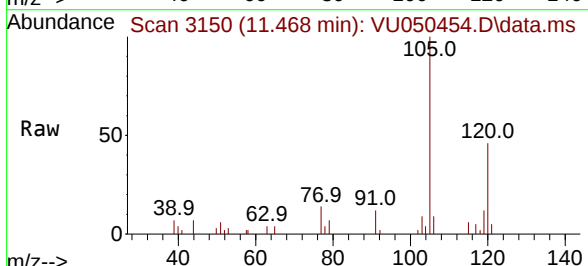
Acq: 26 Aug 2022 14:02

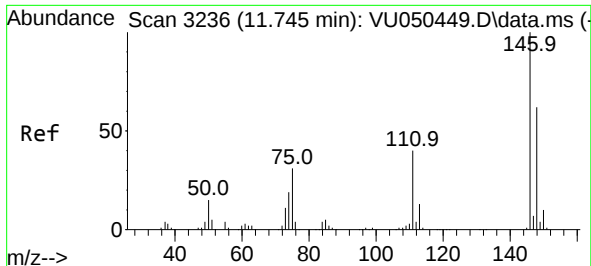
Tgt Ion:105 Resp: 9743

Ion Ratio Lower Upper

105 100

120 43.7 35.3 52.9

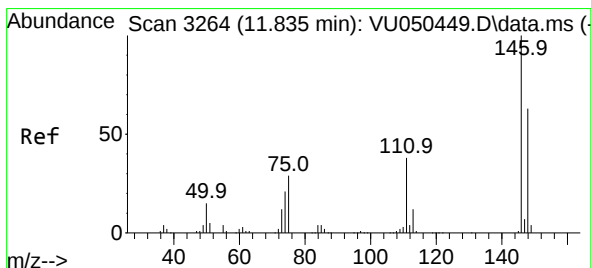
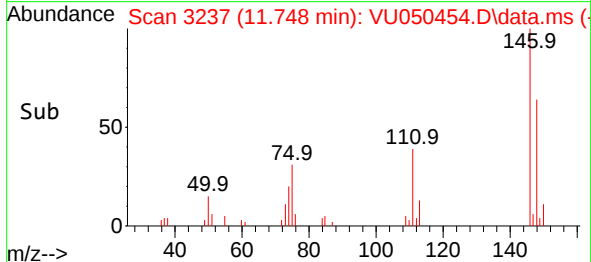
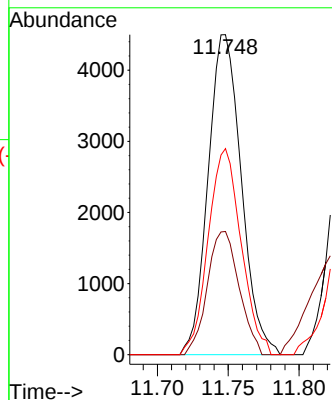
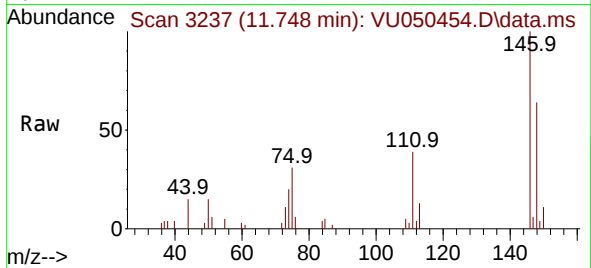




#64
1,3-Dichlorobenzene
Concen: 2.053 ug/L
RT: 11.748 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU050454.D
Acq: 26 Aug 2022 14:02

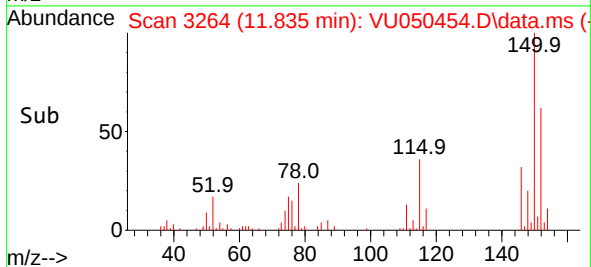
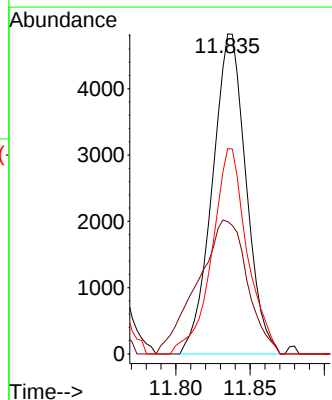
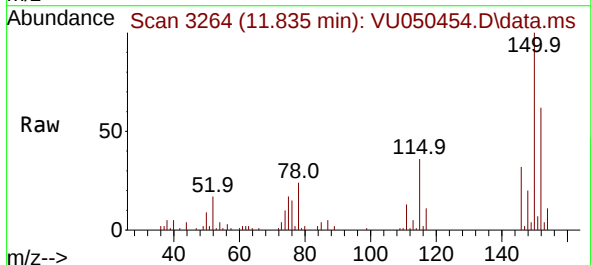
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT3-2022-05

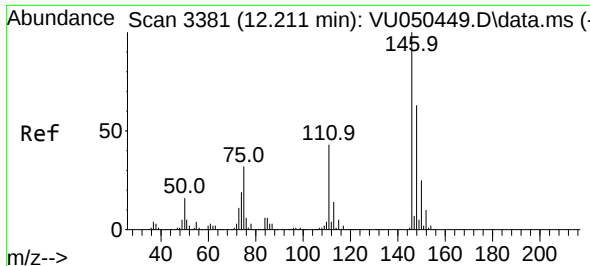
Tgt Ion:146 Resp: 7349
Ion Ratio Lower Upper
146 100
111 36.3 28.1 52.1
148 64.3 44.2 82.0



#65
1,4-Dichlorobenzene
Concen: 2.118 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. 0.000 min
Lab File: VU050454.D
Acq: 26 Aug 2022 14:02

Tgt Ion:146 Resp: 7635
Ion Ratio Lower Upper
146 100
111 41.4 27.6 51.2
148 64.2 44.4 82.4

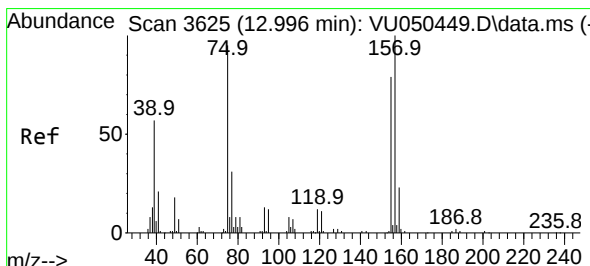
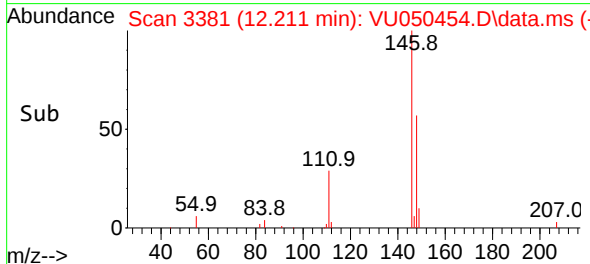
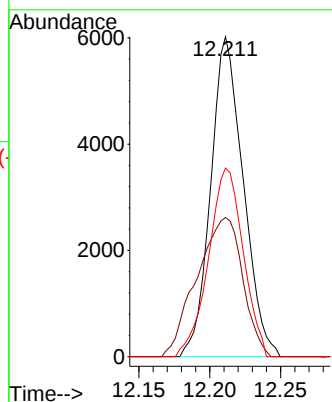
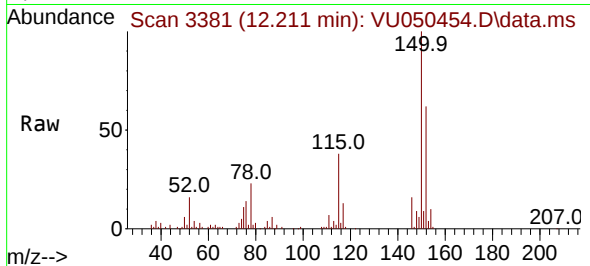




#67
1,2-Dichlorobenzene
Concen: 2.556 ug/L
RT: 12.211 min Scan# 311
Delta R.T. 0.000 min
Lab File: VU050454.D
Acq: 26 Aug 2022 14:02

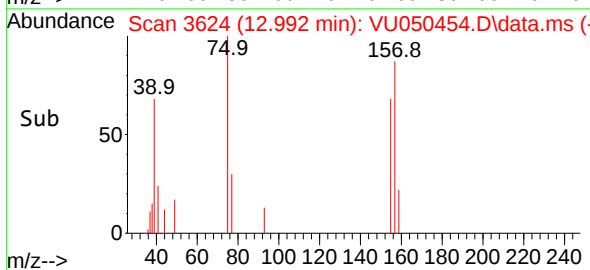
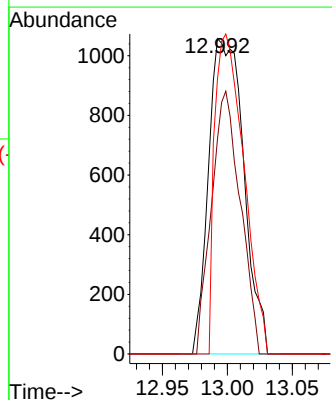
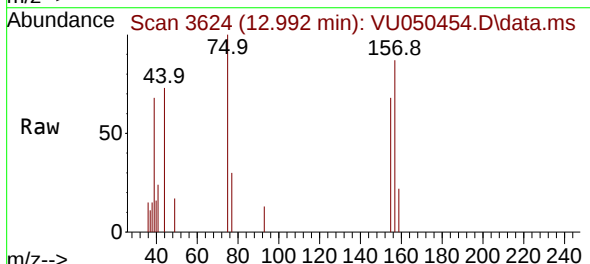
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT3-2022-05

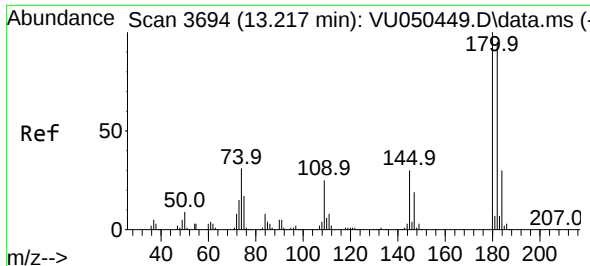
Tgt Ion:146	Resp:	9622
Ion Ratio	Lower	Upper
146	100	
111	43.5	34.1 51.1
148	58.9	51.0 76.6



#68
1,2-Dibromo-3-chloropropane
Concen: 2.451 ug/L
RT: 12.992 min Scan# 3624
Delta R.T. -0.003 min
Lab File: VU050454.D
Acq: 26 Aug 2022 14:02

Tgt Ion: 75	Resp:	1987
Ion Ratio	Lower	Upper
75	100	
155	68.2	63.1 94.7
157	87.2	84.2 126.2

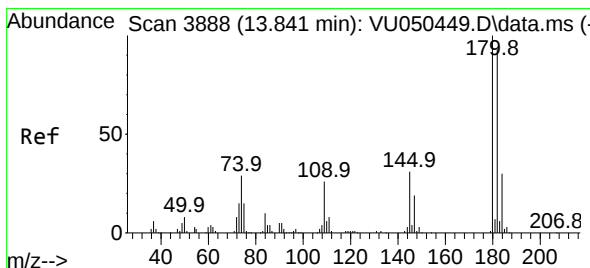
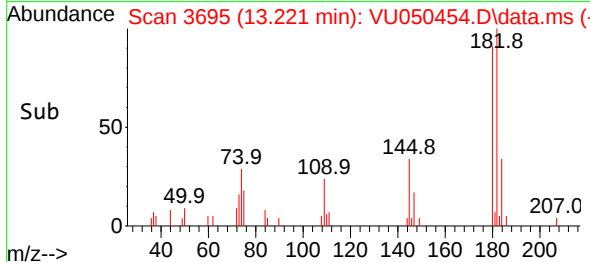
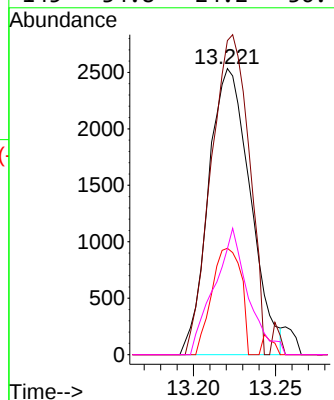
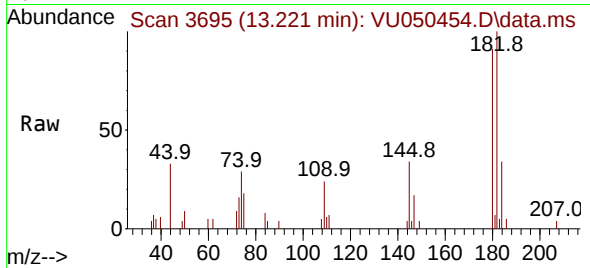




#69
 1,3,5-Trichlorobenzene
 Concen: 1.817 ug/L
 RT: 13.221 min Scan# 3695
 Delta R.T. 0.003 min
 Lab File: VU050454.D
 Acq: 26 Aug 2022 14:02

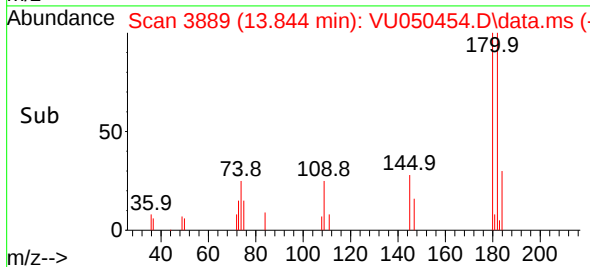
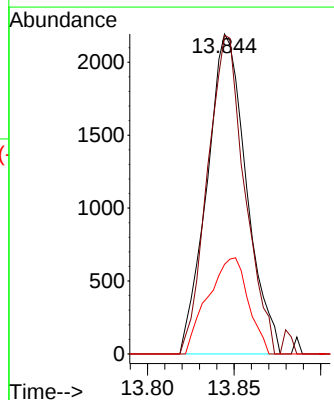
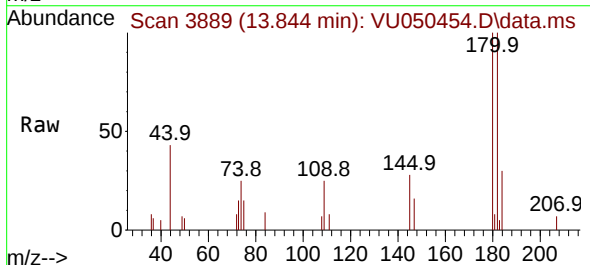
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-QT3-2022-05

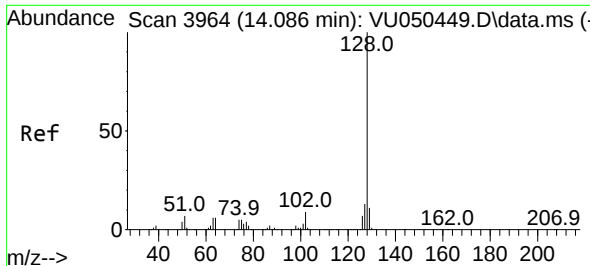
Tgt Ion:180	Resp:	4483
Ion Ratio	Lower	Upper
180	100	
182	101.4	77.0 115.6
184	26.1	24.1 36.1
145	34.8	24.2 36.4



#70
 1,2,4-trichlorobenzene
 Concen: 1.754 ug/L
 RT: 13.844 min Scan# 3889
 Delta R.T. 0.003 min
 Lab File: VU050454.D
 Acq: 26 Aug 2022 14:02

Tgt Ion:180	Resp:	3465
Ion Ratio	Lower	Upper
180	100	
182	93.8	75.4 113.2
145	30.7	23.9 35.9

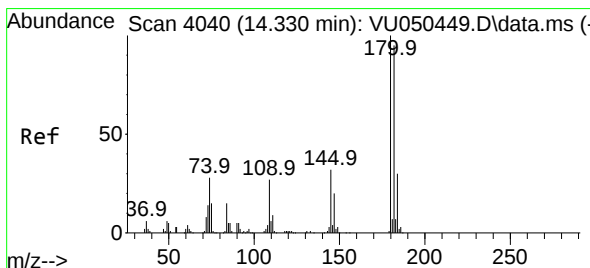
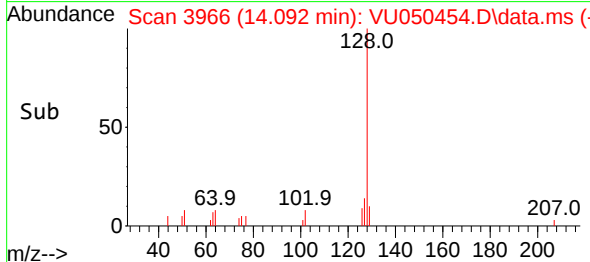
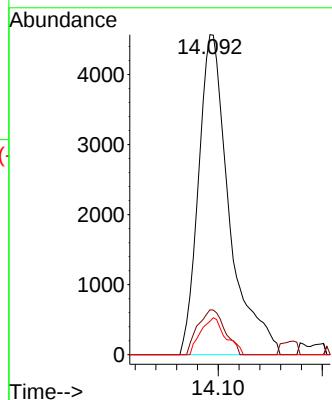
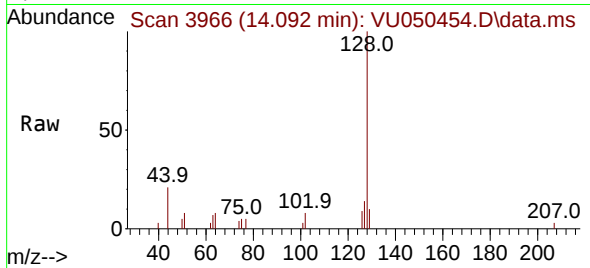




#71
Naphthalene
Concen: 1.445 ug/L
RT: 14.092 min Scan# 3965
Delta R.T. 0.006 min
Lab File: VU050454.D
Acq: 26 Aug 2022 14:02

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT3-2022-05

Tgt Ion:128 Resp: 9365
Ion Ratio Lower Upper
128 100
127 12.4 10.5 15.7
129 8.5 8.8 13.2#



#72
1,2,3-Trichlorobenzene
Concen: 1.662 ug/L
RT: 14.336 min Scan# 4042
Delta R.T. 0.006 min
Lab File: VU050454.D
Acq: 26 Aug 2022 14:02

Tgt Ion:180 Resp: 3589
Ion Ratio Lower Upper
180 100
182 93.6 76.8 115.2
145 33.9 26.5 39.7

