

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021023\
 Data File : VU053040.D
 Acq On : 10 Feb 2023 16:03
 Operator : JC/MD
 Sample : 01378-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

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

Quant Time: Feb 10 23:32:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR021023WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Feb 10 23:20:41 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.244	114	127293	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	112285	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	52263	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	27845	4.566	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.400%
7) Chloroethane-d5	1.913	69	27062	4.721	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.400%
11) 1,1-Dichloroethene-d2	2.566	65	12495	4.467	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.400%
20) 2-Butanone-d5	4.649	46	95467	51.116	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.240%
24) Chloroform-d	5.061	84	63687	4.538	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.800%
26) 1,2-Dichloroethane-d4	5.698	65	33689	4.765	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.200%
32) Benzene-d6	5.723	84	118675	4.703	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.000%
36) 1,2-Dichloropropane-d6	6.688	67	41545	4.727	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.600%
41) Toluene-d8	7.894	98	104368	4.579	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.600%
43) trans-1,3-Dichloroprop...	8.177	79	16906	4.752	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.000%
46) 2-Hexanone-d5	8.630	63	80500	50.965	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.940%
56) 1,1,2,2-Tetrachloroeth...	10.752	84	37141	4.921	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.400%
66) 1,2-Dichlorobenzene-d4	12.189	152	39319	5.036	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.800%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.383	85	2055	0.220	ug/L	93
3) Chloromethane	1.518	50	2149	0.221	ug/L	95
5) Vinyl chloride	1.601	62	2269	0.212	ug/L #	74
6) Bromomethane	1.855	94	1317	0.197	ug/L	81
8) Chloroethane	1.933	64	1236	0.196	ug/L #	74
9) Trichlorofluoromethane	2.138	101	2801	0.190	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	1778	0.219	ug/L #	88
12) 1,1-Dichloroethene	2.576	96	2105	0.280	ug/L #	1
14) Carbon disulfide	2.791	76	4725	0.208	ug/L	98
16) Methylene chloride	3.042	84	2607	0.299	ug/L	92
17) Methyl tert-butyl Ether	3.360	73	3925	0.192	ug/L #	78
18) trans-1,2-Dichloroethene	3.354	96	1589	0.199	ug/L	84
19) 1,1-Dichloroethane	3.862	63	2727	0.182	ug/L	96
22) cis-1,2-Dichloroethene	4.669	96	1839	0.204	ug/L	82
23) Bromochloromethane	4.971	128	576	0.162	ug/L	79
27) 1,2-Dichloroethane	5.794	62	1723	0.179	ug/L #	83
29) 1,1,1-Trichloroethane	5.309	97	2904	0.216	ug/L	87
30) Cyclohexane	5.383	56	2931	0.219	ug/L #	86
31) Carbon tetrachloride	5.527	117	2072	0.185	ug/L	94

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021023\
 Data File : VU053040.D
 Acq On : 10 Feb 2023 16:03
 Operator : JC/MD
 Sample : 01378-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

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

Quant Time: Feb 10 23:32:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR021023WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Feb 10 23:20:41 2023
 Response via : Initial Calibration

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

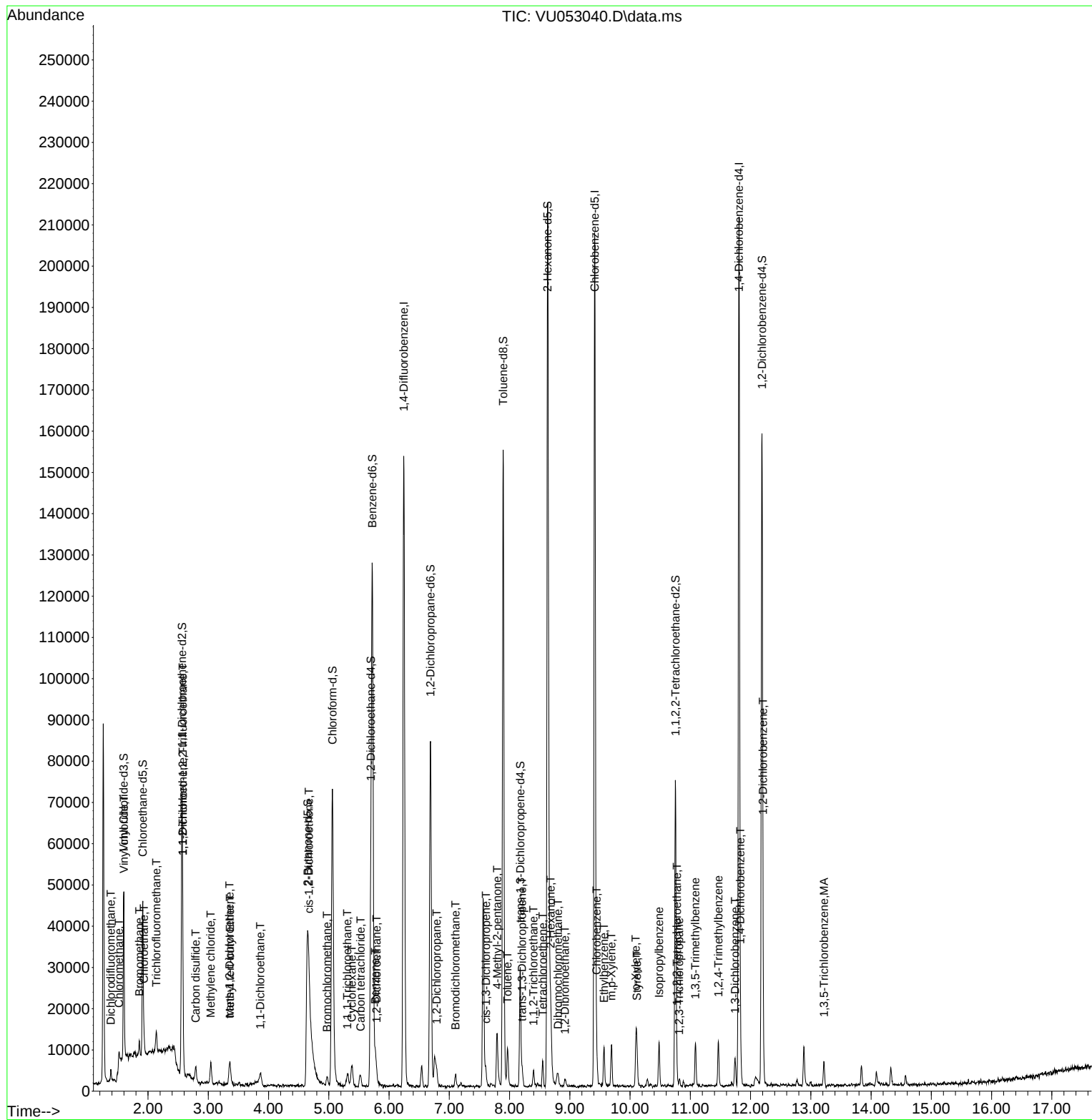
33) Benzene	5.772	78	6131	0.189	ug/L	100
37) 1,2-Dichloropropane	6.791	63	1700	0.193	ug/L #	90
38) Bromodichloromethane	7.103	83	2429	0.213	ug/L	99
39) cis-1,3-Dichloropropene	7.608	75	2445	0.174	ug/L	91
40) 4-Methyl-2-pentanone	7.794	43	9282	2.018	ug/L #	87
42) Toluene	7.964	91	7220	0.205	ug/L	92
44) trans-1,3-Dichloropropene	8.209	75	2086	0.180	ug/L	87
45) 1,1,2-Trichloroethane	8.398	97	1457	0.230	ug/L #	85
47) Tetrachloroethene	8.550	164	1138	0.192	ug/L	91
48) 2-Hexanone	8.681	43	10572	3.132	ug/L #	94
49) Dibromochloromethane	8.804	129	1325	0.191	ug/L	97
50) 1,2-Dibromoethane	8.919	107	1179	0.201	ug/L #	97
51) Chlorobenzene	9.443	112	4272	0.195	ug/L	95
52) Ethylbenzene	9.569	91	7423	0.186	ug/L	98
53) m,p-Xylene	9.691	106	2806	0.188	ug/L	96
54) o-Xylene	10.096	106	2791	0.193	ug/L	98
55) Styrene	10.115	104	4590	0.196	ug/L	91
57) 1,1,2,2-Tetrachloroethane	10.778	83	1867	0.232	ug/L	88
60) Isopropylbenzene	10.482	105	7691	0.203	ug/L	98
61) 1,2,3-Trichloropropane	10.816	75	979	0.195	ug/L	93
62) 1,3,5-Trimethylbenzene	11.083	105	6266	0.196	ug/L	96
63) 1,2,4-Trimethylbenzene	11.466	105	6210	0.194	ug/L	99
64) 1,3-Dichlorobenzene	11.742	146	2840	0.185	ug/L	97
65) 1,4-Dichlorobenzene	11.832	146	3279	0.214	ug/L	95
67) 1,2-Dichlorobenzene	12.205	146	2902	0.203	ug/L	91
69) 1,3,5-Trichlorobenzene	13.218	180	2094	0.192	ug/L	98

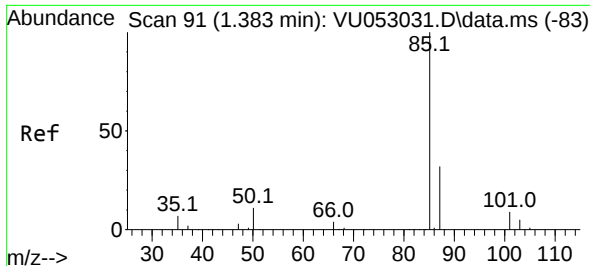
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021023\
 Data File : VU053040.D
 Acq On : 10 Feb 2023 16:03
 Operator : JC/MD
 Sample : 01378-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

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

Quant Time: Feb 10 23:32:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR021023WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Feb 10 23:20:41 2023
 Response via : Initial Calibration

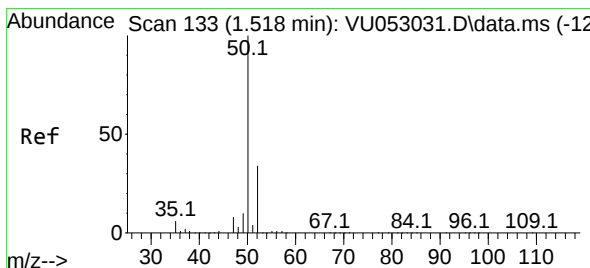
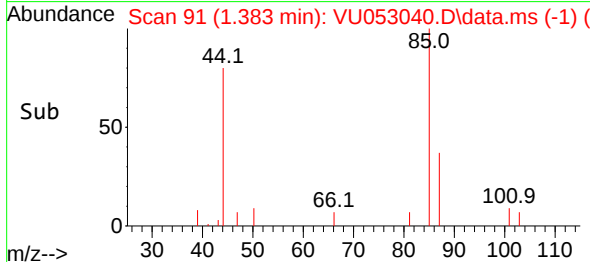
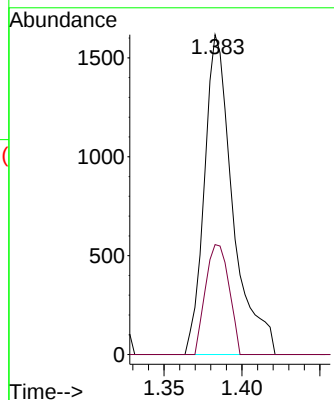
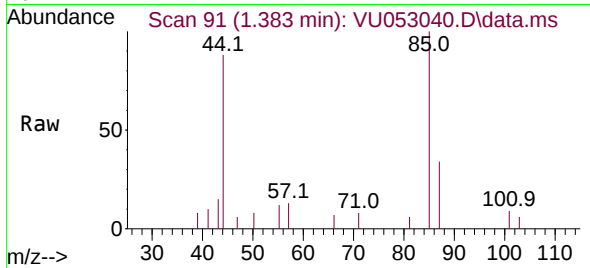




#2
Dichlorodifluoromethane
Concen: 0.220 ug/L
RT: 1.383 min Scan# 91
Delta R.T. -0.000 min
Lab File: VU053040.D
Acq: 10 Feb 2023 16:03

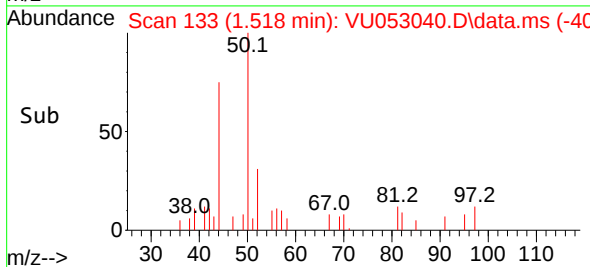
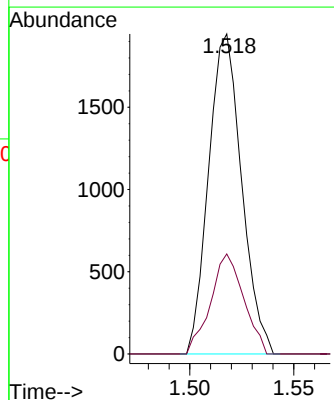
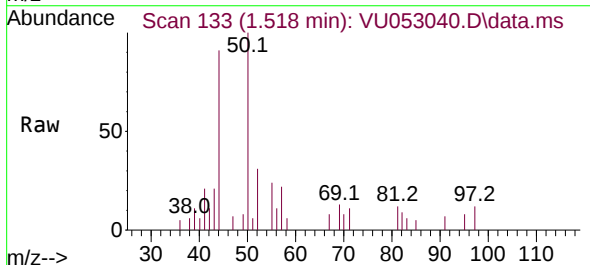
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT1-2023-01

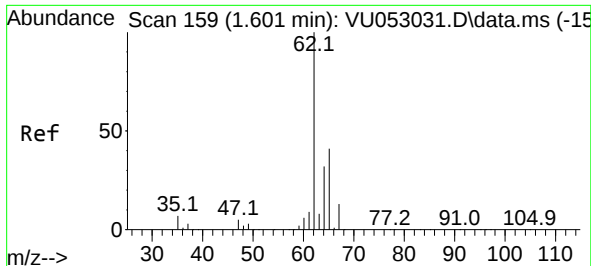
Tgt Ion: 85 Resp: 2055
Ion Ratio Lower Upper
85 100
87 28.3 25.5 38.3



#3
Chloromethane
Concen: 0.221 ug/L
RT: 1.518 min Scan# 133
Delta R.T. -0.000 min
Lab File: VU053040.D
Acq: 10 Feb 2023 16:03

Tgt Ion: 50 Resp: 2149
Ion Ratio Lower Upper
50 100
52 31.2 24.1 44.7

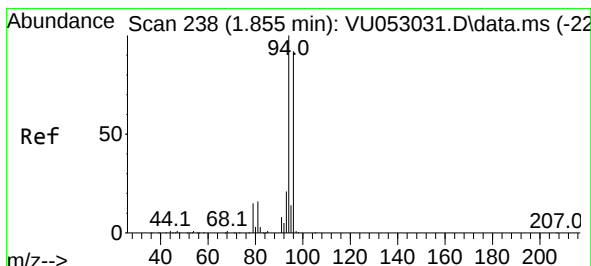
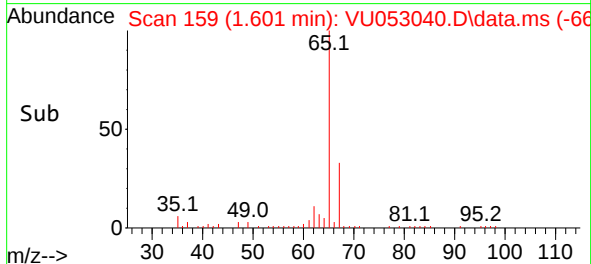
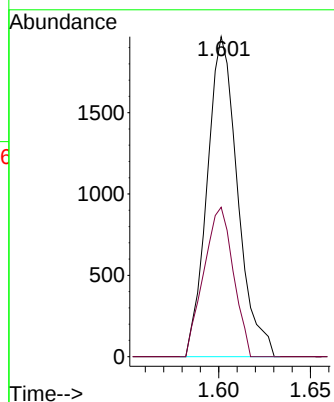
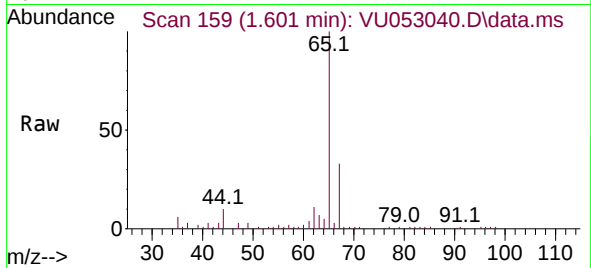




#5
 Vinyl chloride
 Concen: 0.212 ug/L
 RT: 1.601 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VU053040.D
 Acq: 10 Feb 2023 16:03

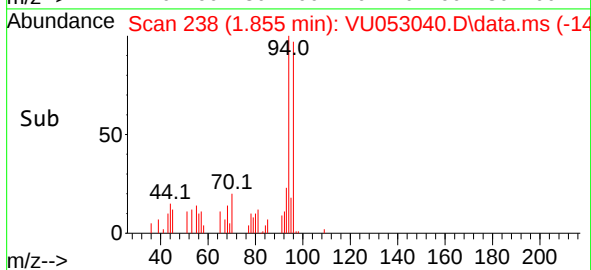
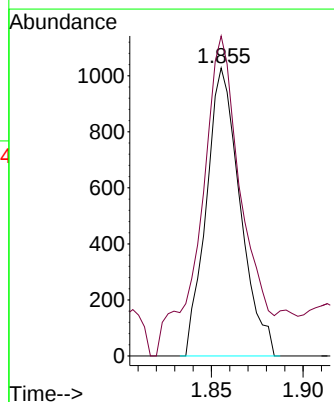
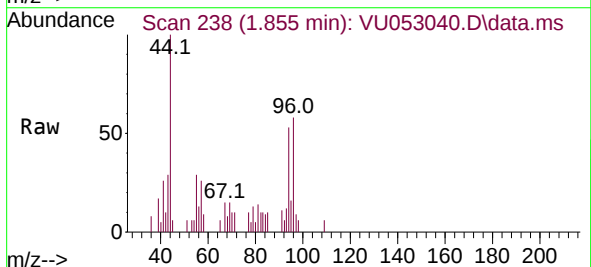
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-QT1-2023-01

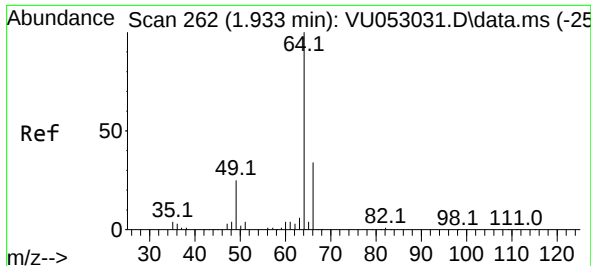
Tgt Ion: 62 Resp: 2269
 Ion Ratio Lower Upper
 62 100
 64 46.7 22.5 41.9#



#6
 Bromomethane
 Concen: 0.197 ug/L
 RT: 1.855 min Scan# 238
 Delta R.T. -0.000 min
 Lab File: VU053040.D
 Acq: 10 Feb 2023 16:03

Tgt Ion: 94 Resp: 1317
 Ion Ratio Lower Upper
 94 100
 96 111.1 64.8 120.3

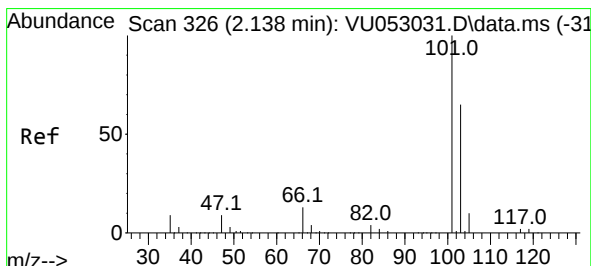
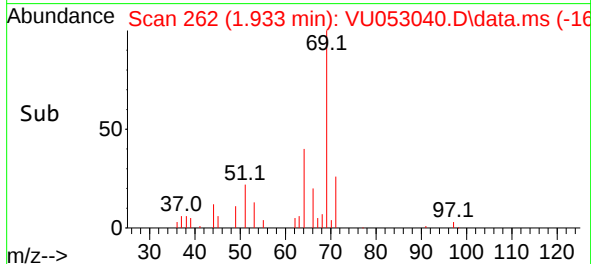
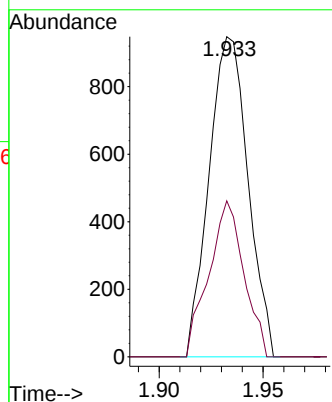
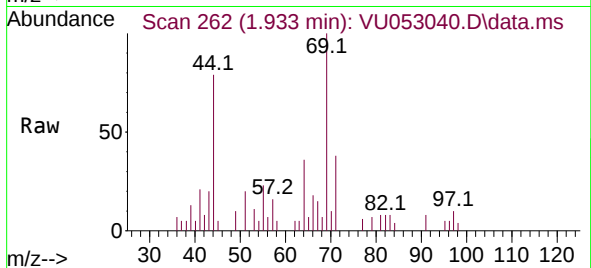




#8
Chloroethane
Concen: 0.196 ug/L
RT: 1.933 min Scan# 262
Delta R.T. -0.000 min
Lab File: VU053040.D
Acq: 10 Feb 2023 16:03

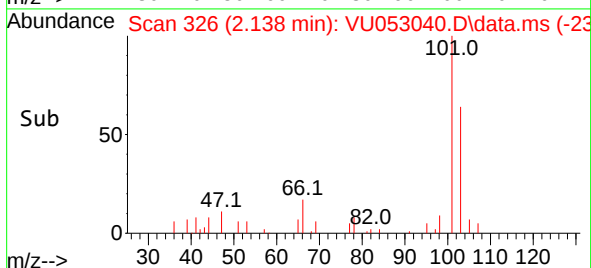
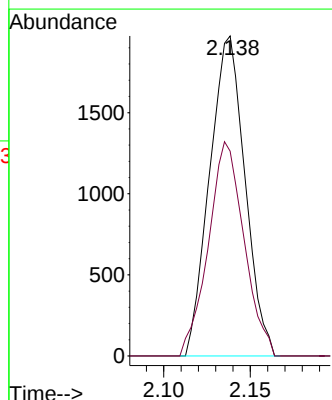
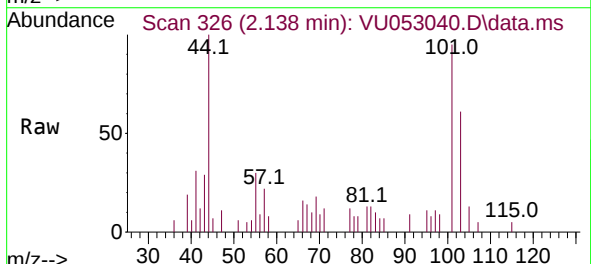
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT1-2023-01

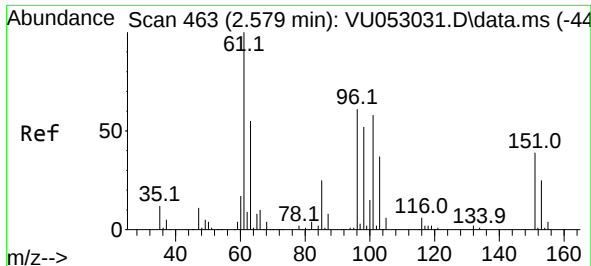
Tgt Ion: 64 Resp: 1236
Ion Ratio Lower Upper
64 100
66 48.7 23.9 44.3#



#9
Trichlorofluoromethane
Concen: 0.190 ug/L
RT: 2.138 min Scan# 326
Delta R.T. -0.000 min
Lab File: VU053040.D
Acq: 10 Feb 2023 16:03

Tgt Ion:101 Resp: 2801
Ion Ratio Lower Upper
101 100
103 67.5 52.6 78.8



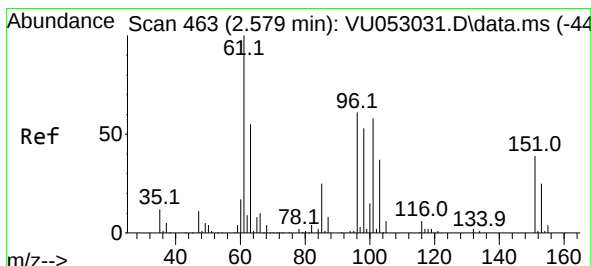
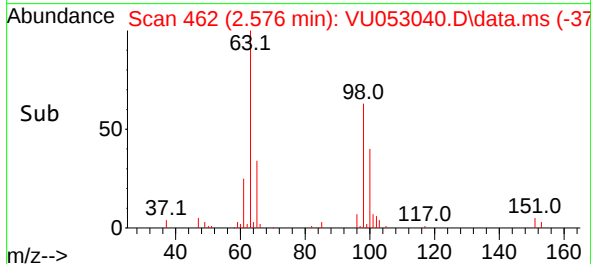
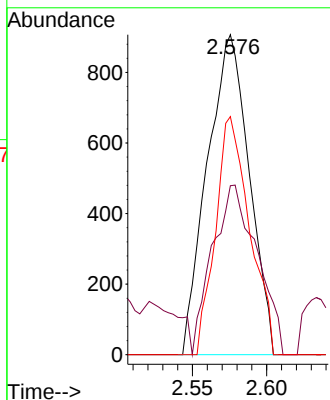
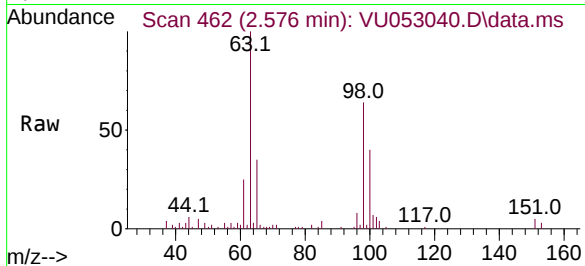


#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.219 ug/L
 RT: 2.576 min Scan# 462
 Delta R.T. -0.003 min
 Lab File: VU053040.D
 Acq: 10 Feb 2023 16:03

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

Tgt Ion: 101 Resp: 1778

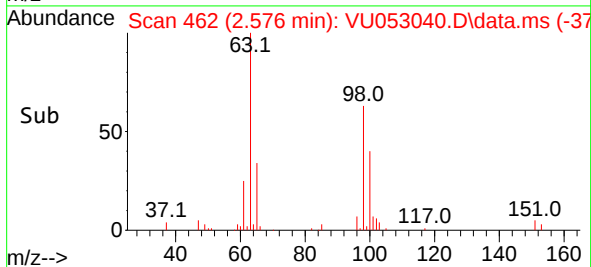
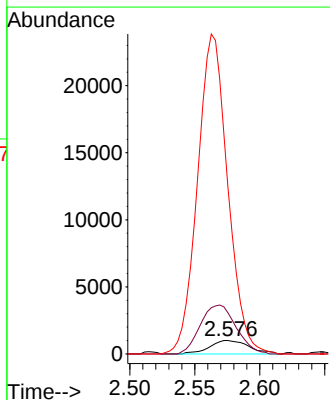
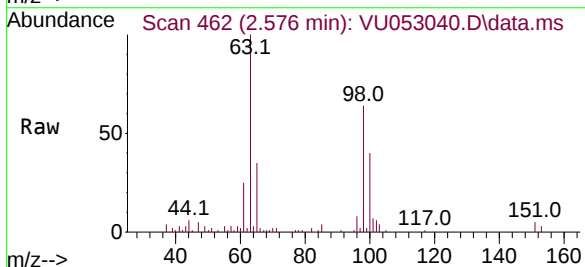
Ion	Ratio	Lower	Upper
101	100		
85	56.7	36.8	55.2#
151	60.6	53.8	80.8

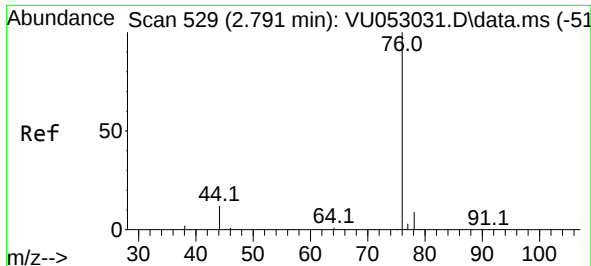


#12
 1,1-Dichloroethene
 Concen: 0.280 ug/L
 RT: 2.576 min Scan# 462
 Delta R.T. -0.003 min
 Lab File: VU053040.D
 Acq: 10 Feb 2023 16:03

Tgt Ion: 96 Resp: 2105

Ion	Ratio	Lower	Upper
96	100		
61	306.5	115.1	213.7#
63	1242.1	63.6	118.0#

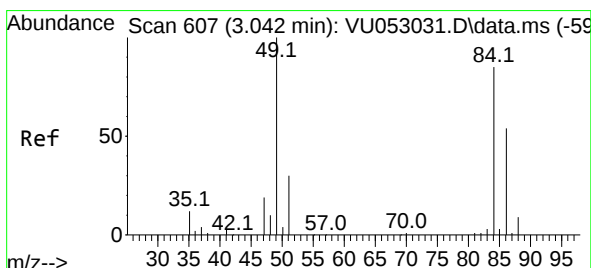
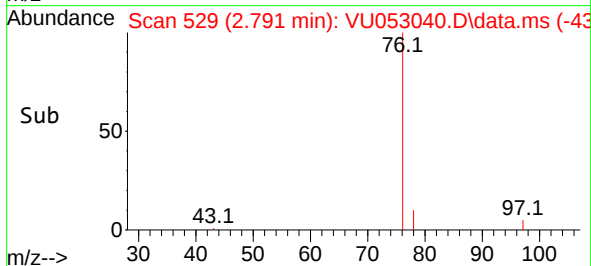
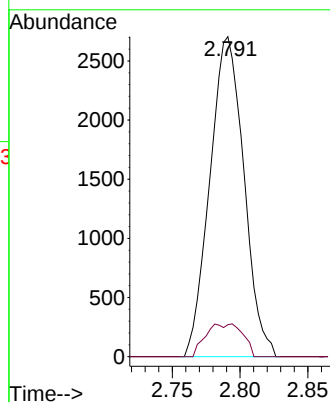
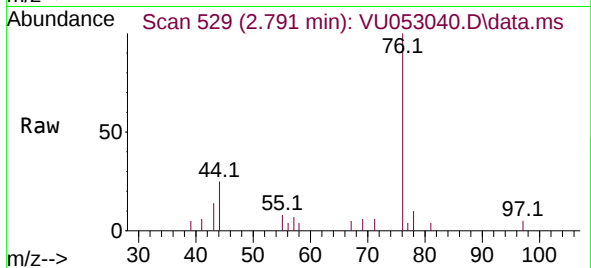




#14
Carbon disulfide
Concen: 0.208 ug/L
RT: 2.791 min Scan# 51
Delta R.T. -0.000 min
Lab File: VU053040.D
Acq: 10 Feb 2023 16:03

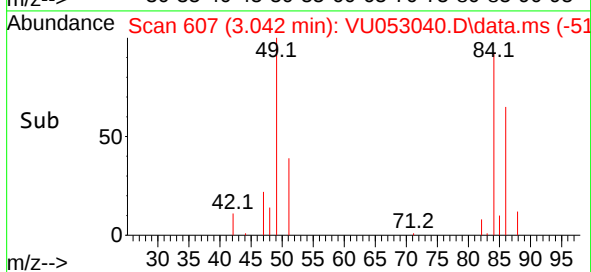
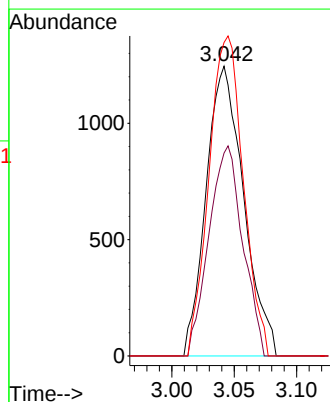
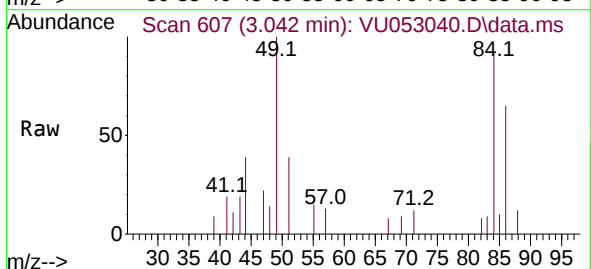
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT1-2023-01

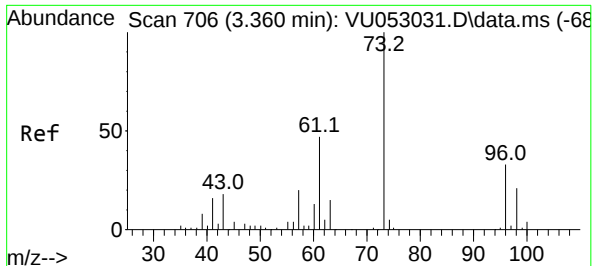
Tgt Ion: 76 Resp: 4725
Ion Ratio Lower Upper
76 100
78 10.0 7.5 11.3



#16
Methylene chloride
Concen: 0.299 ug/L
RT: 3.042 min Scan# 607
Delta R.T. -0.000 min
Lab File: VU053040.D
Acq: 10 Feb 2023 16:03

Tgt Ion: 84 Resp: 2607
Ion Ratio Lower Upper
84 100
86 70.0 44.9 83.3
49 108.2 82.6 153.4





#17

Methyl tert-butyl Ether

Concen: 0.192 ug/L

RT: 3.360 min Scan# 706

Delta R.T. -0.000 min

Lab File: VU053040.D

Acq: 10 Feb 2023 16:03

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-QT1-2023-01

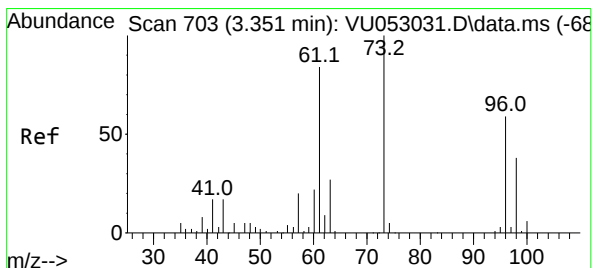
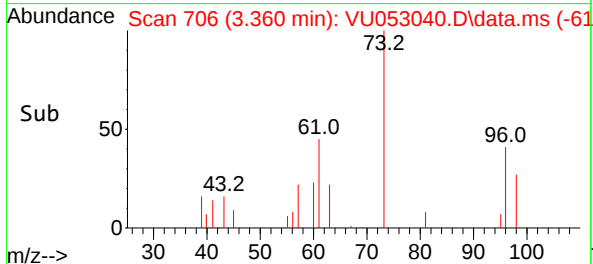
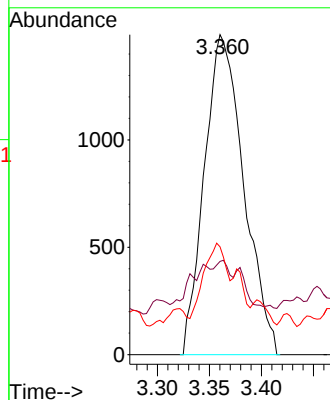
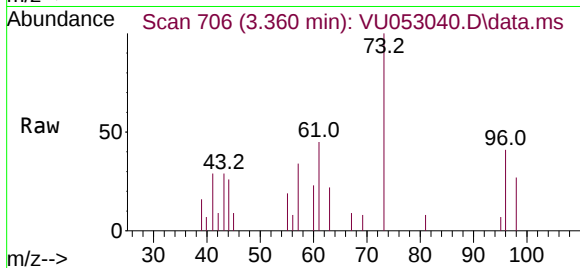
Tgt Ion: 73 Resp: 3925

Ion Ratio Lower Upper

73 100

43 6.4 14.6 21.8#

57 13.3 17.1 25.7#



#18

trans-1,2-Dichloroethene

Concen: 0.199 ug/L

RT: 3.354 min Scan# 704

Delta R.T. 0.003 min

Lab File: VU053040.D

Acq: 10 Feb 2023 16:03

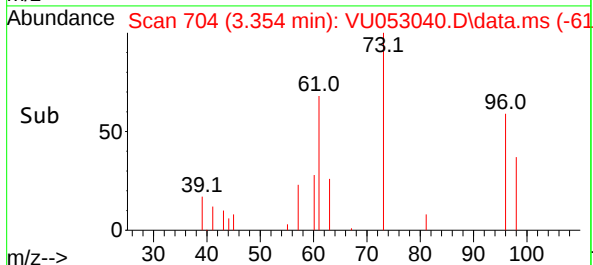
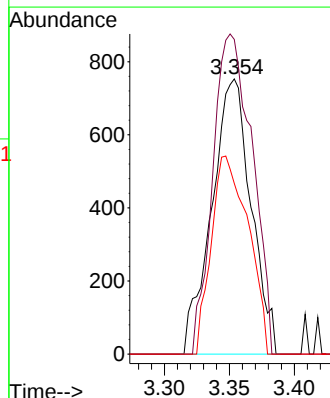
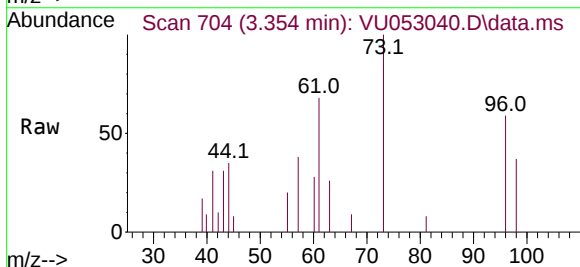
Tgt Ion: 96 Resp: 1589

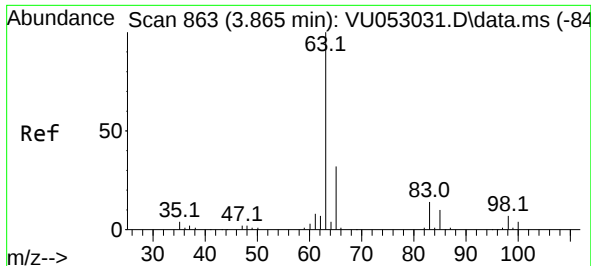
Ion Ratio Lower Upper

96 100

61 114.3 99.5 184.9

98 62.0 44.8 83.2





#19

1,1-Dichloroethane

Concen: 0.182 ug/L

RT: 3.862 min Scan# 8

Delta R.T. -0.003 min

Lab File: VU053040.D

Acq: 10 Feb 2023 16:03

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-QT1-2023-01

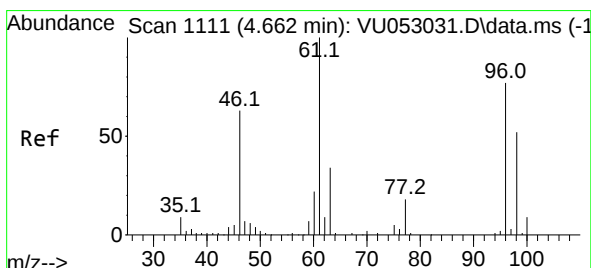
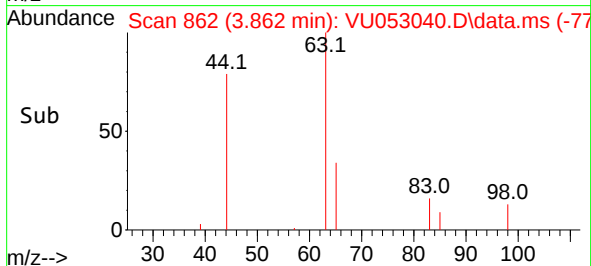
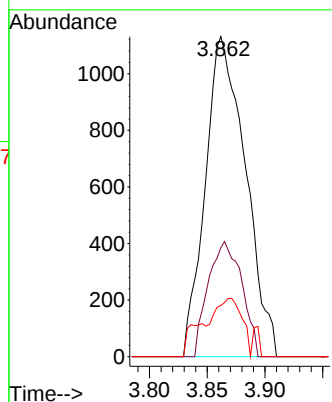
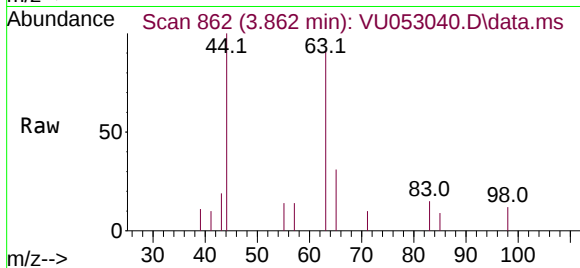
Tgt Ion: 63 Resp: 2727

Ion Ratio Lower Upper

63 100

65 34.0 22.3 41.3

83 16.0 9.8 18.2



#22

cis-1,2-Dichloroethene

Concen: 0.204 ug/L

RT: 4.669 min Scan# 1113

Delta R.T. 0.006 min

Lab File: VU053040.D

Acq: 10 Feb 2023 16:03

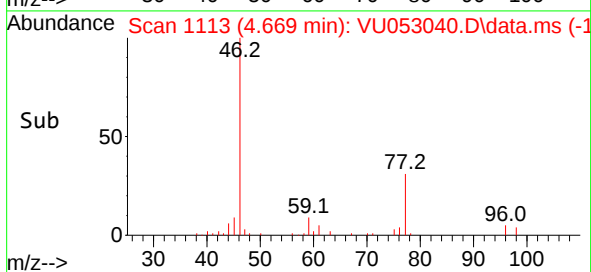
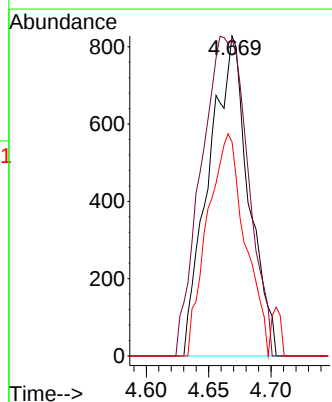
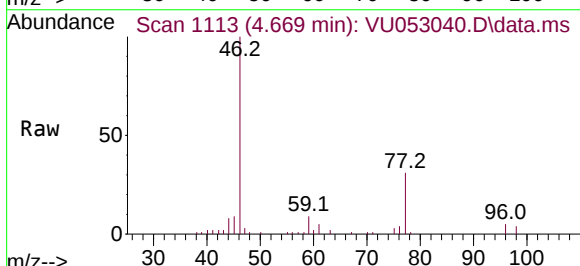
Tgt Ion: 96 Resp: 1839

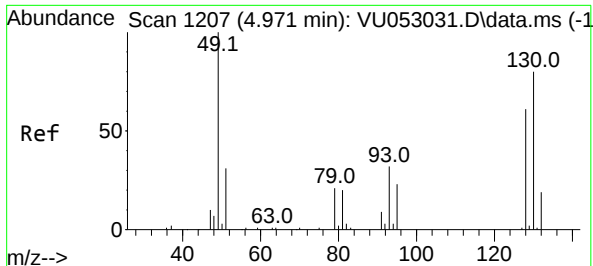
Ion Ratio Lower Upper

96 100

61 98.8 90.9 168.9

98 66.9 47.0 87.4





#23

Bromochloromethane

Concen: 0.162 ug/L

RT: 4.971 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU053040.D

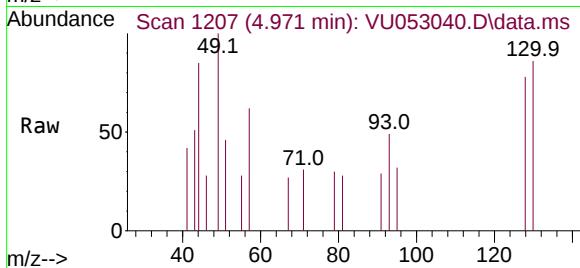
Acq: 10 Feb 2023 16:03

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-QT1-2023-01



Tgt Ion:128 Resp: 576

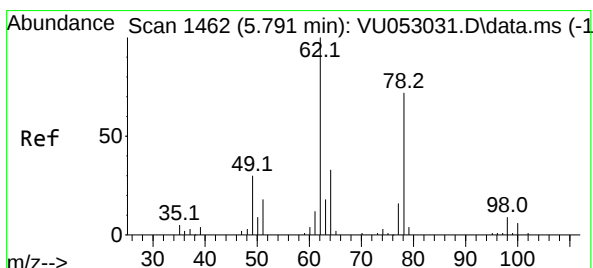
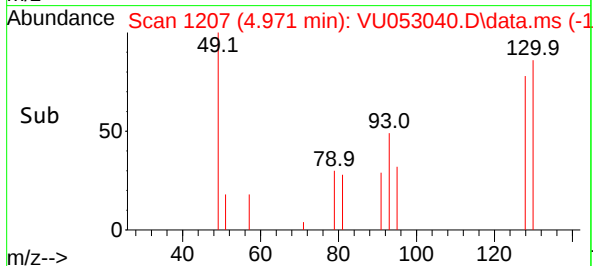
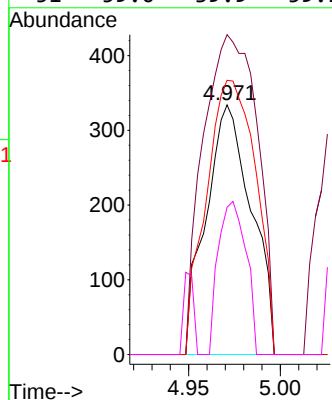
Ion Ratio Lower Upper

128 100

49 128.1 114.2 212.0

130 109.9 91.6 170.2

51 59.0 39.9 59.9



#27

1,2-Dichloroethane

Concen: 0.179 ug/L

RT: 5.794 min Scan# 1463

Delta R.T. 0.003 min

Lab File: VU053040.D

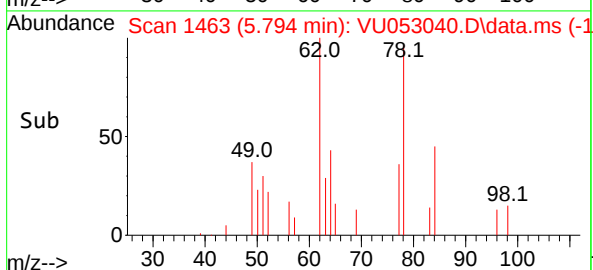
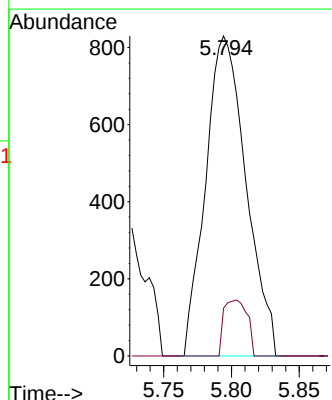
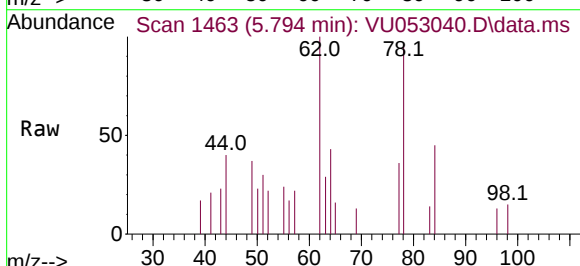
Acq: 10 Feb 2023 16:03

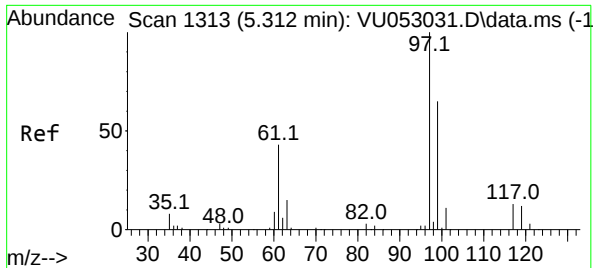
Tgt Ion: 62 Resp: 1723

Ion Ratio Lower Upper

62 100

98 14.9 7.1 10.7#

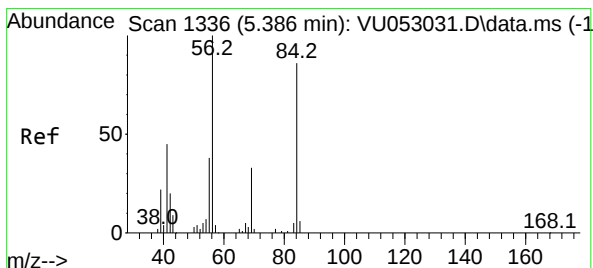
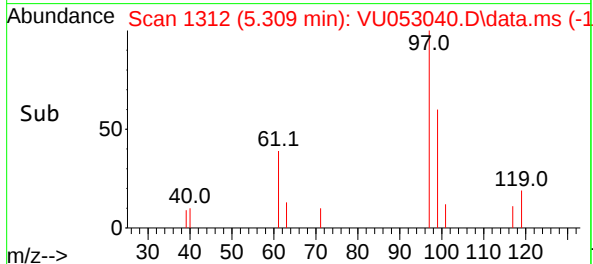
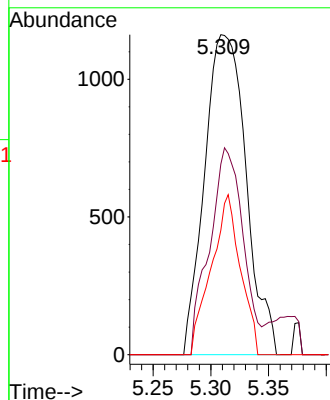
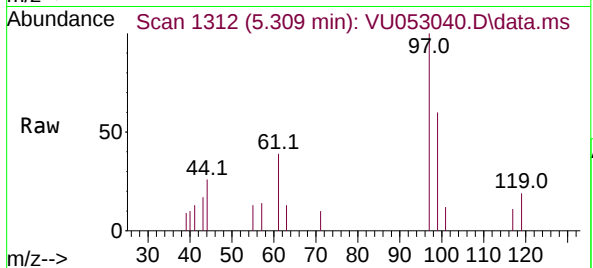




#29
1,1,1-Trichloroethane
Concen: 0.216 ug/L
RT: 5.309 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU053040.D
Acq: 10 Feb 2023 16:03

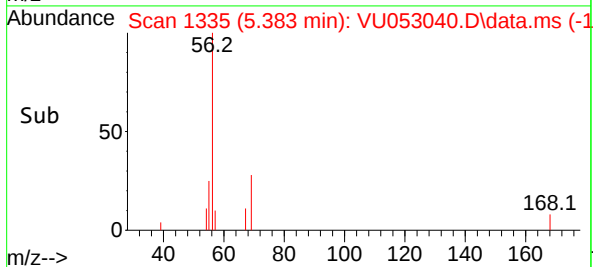
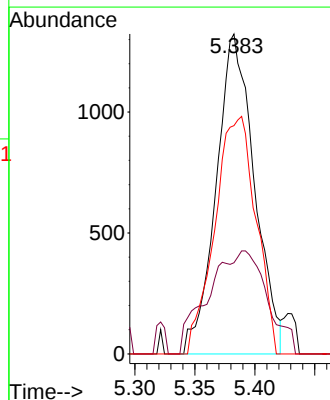
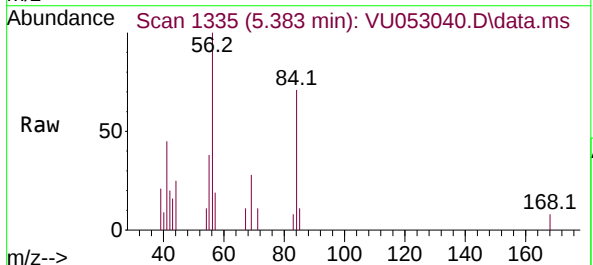
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT1-2023-01

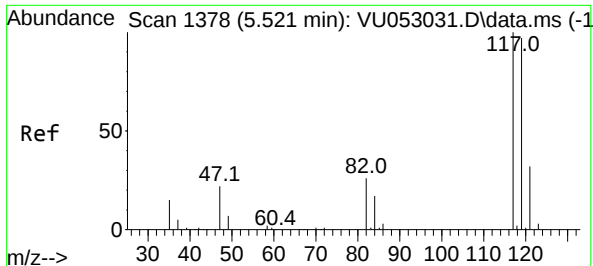
Tgt Ion: 97	Resp: 2904
Ion Ratio	Lower Upper
97 100	
99 52.6	51.0 76.6
61 35.3	34.2 51.4



#30
Cyclohexane
Concen: 0.219 ug/L
RT: 5.383 min Scan# 1335
Delta R.T. -0.003 min
Lab File: VU053040.D
Acq: 10 Feb 2023 16:03

Tgt Ion: 56	Resp:	2931	
Ion	Ratio	Lower	Upper
56	100		
69	49.9	27.0	40.6#
84	79.9	70.8	106.2

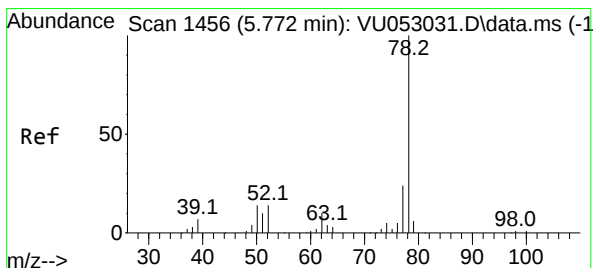
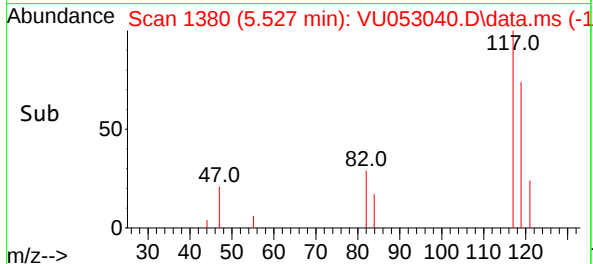
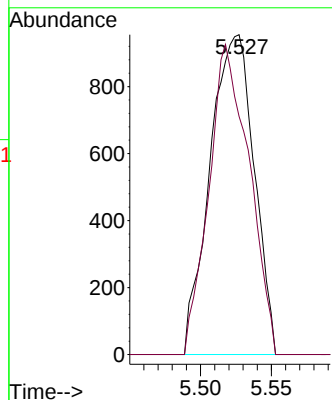
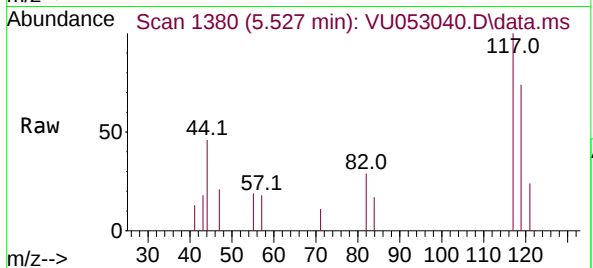




#31
Carbon tetrachloride
Concen: 0.185 ug/L
RT: 5.527 min Scan# 117
Delta R.T. 0.006 min
Lab File: VU053040.D
Acq: 10 Feb 2023 16:03

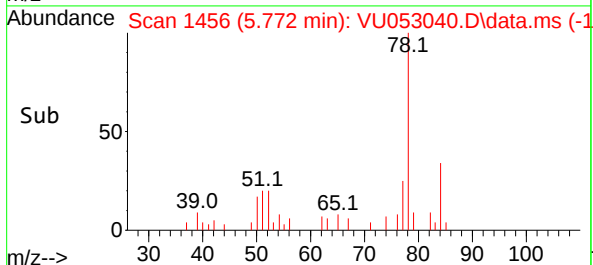
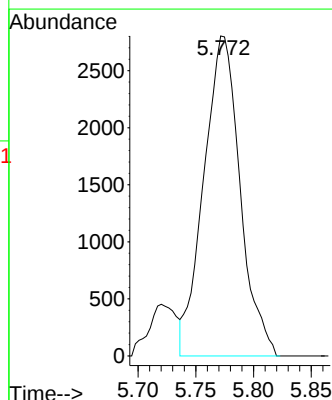
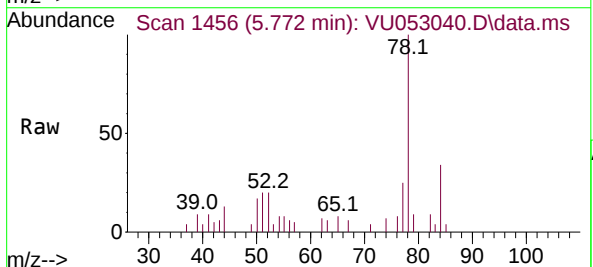
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT1-2023-01

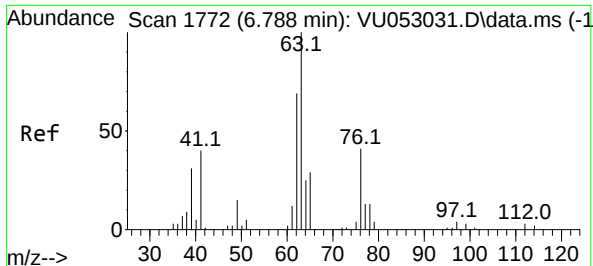
Tgt Ion:117 Resp: 2072
Ion Ratio Lower Upper
117 100
119 88.5 75.4 113.0



#33
Benzene
Concen: 0.189 ug/L
RT: 5.772 min Scan# 1456
Delta R.T. -0.000 min
Lab File: VU053040.D
Acq: 10 Feb 2023 16:03

Tgt Ion: 78 Resp: 6131





#37

1,2-Dichloropropane

Concen: 0.193 ug/L

RT: 6.791 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU053040.D

Acq: 10 Feb 2023 16:03

Instrument :

MSVOA_U

ClientSampleId :

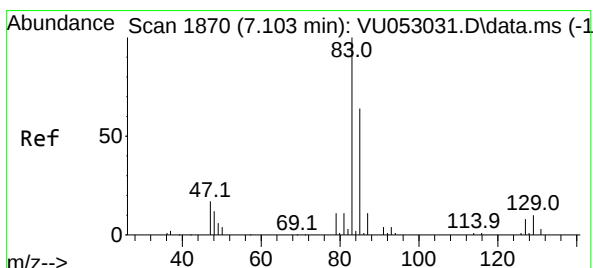
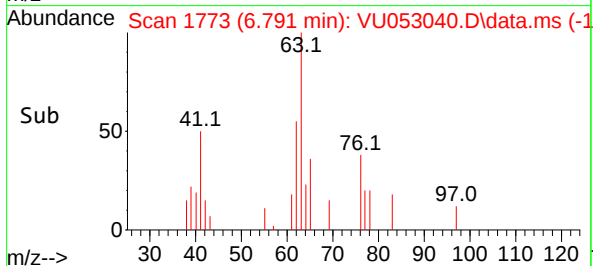
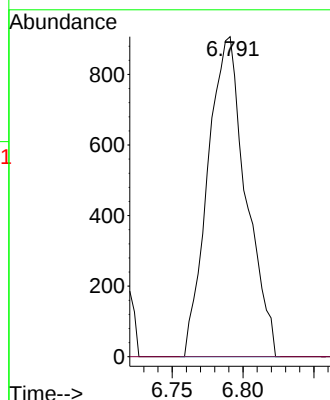
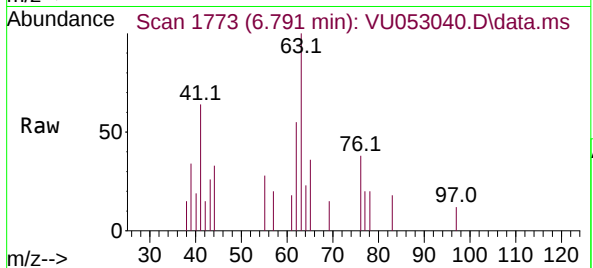
MDL-WATER-QT1-2023-01

Tgt Ion: 63 Resp: 1700

Ion Ratio Lower Upper

63 100

112 0.0 2.7 4.1#



#38

Bromodichloromethane

Concen: 0.213 ug/L

RT: 7.103 min Scan# 1870

Delta R.T. -0.000 min

Lab File: VU053040.D

Acq: 10 Feb 2023 16:03

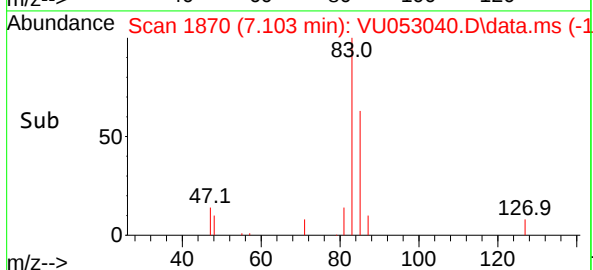
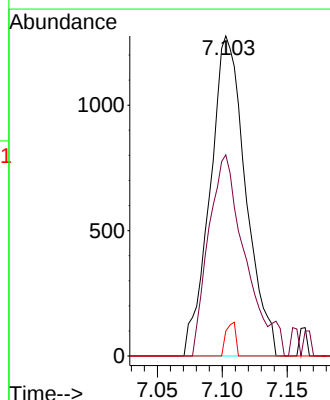
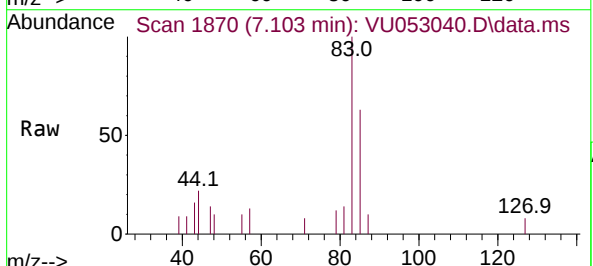
Tgt Ion: 83 Resp: 2429

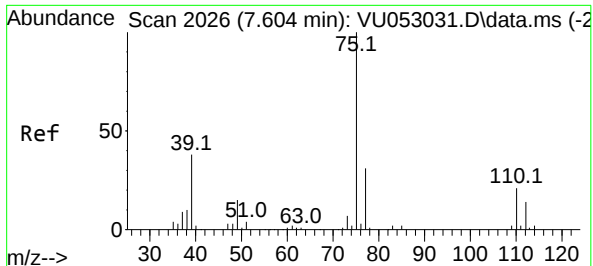
Ion Ratio Lower Upper

83 100

85 62.9 44.7 82.9

127 7.8 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 0.174 ug/L

RT: 7.608 min Scan# 2026

Delta R.T. 0.003 min

Lab File: VU053040.D

Acq: 10 Feb 2023 16:03

Instrument :

MSVOA_U

ClientSampleId :

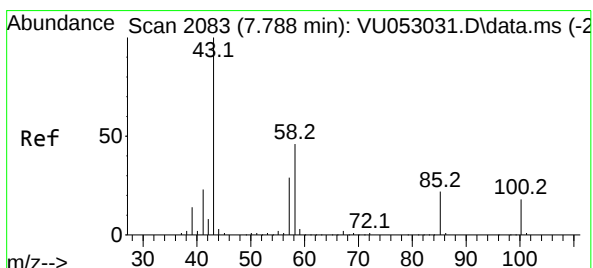
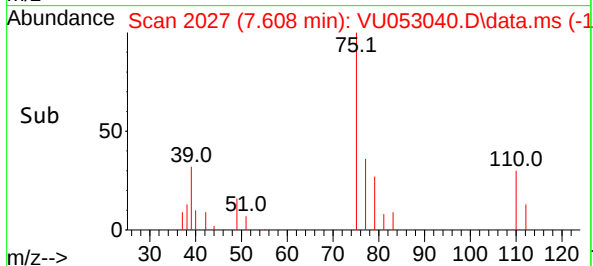
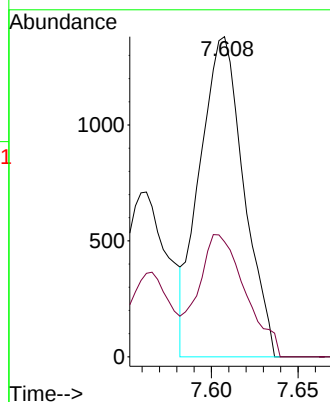
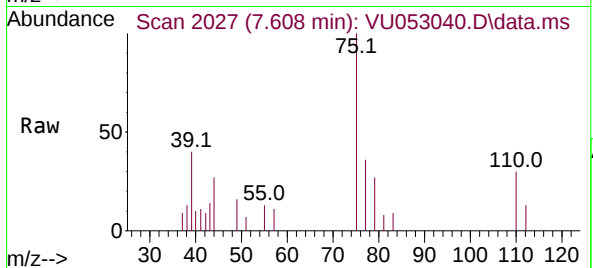
MDL-WATER-QT1-2023-01

Tgt Ion: 75 Resp: 2445

Ion Ratio Lower Upper

75 100

77 35.9 21.6 40.0



#40

4-Methyl-2-pentanone

Concen: 2.018 ug/L

RT: 7.794 min Scan# 2085

Delta R.T. 0.006 min

Lab File: VU053040.D

Acq: 10 Feb 2023 16:03

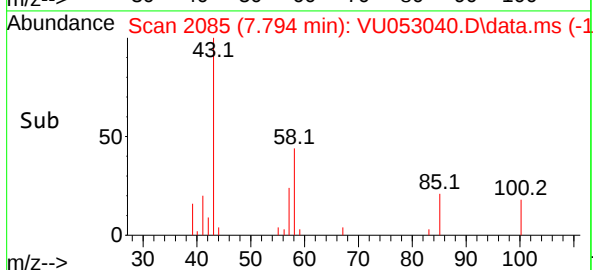
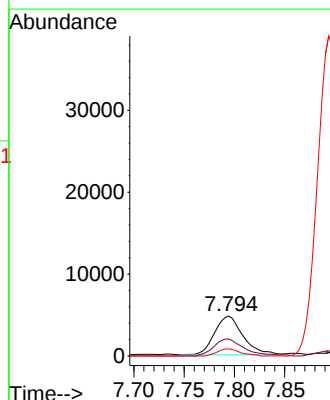
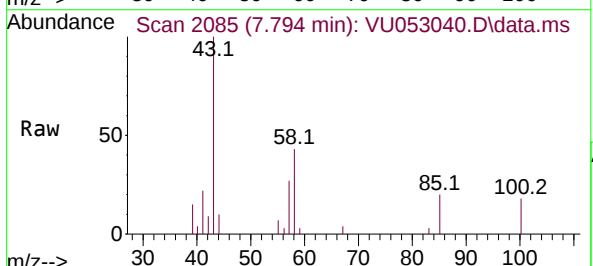
Tgt Ion: 43 Resp: 9282

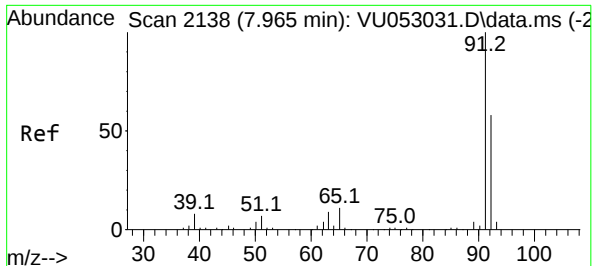
Ion Ratio Lower Upper

43 100

58 46.8 35.9 53.9

100 0.0 13.8 20.6#





#42

Toluene

Concen: 0.205 ug/L

RT: 7.964 min Scan# 2138

Delta R.T. -0.000 min

Lab File: VU053040.D

Acq: 10 Feb 2023 16:03

Instrument :

MSVOA_U

ClientSampleId :

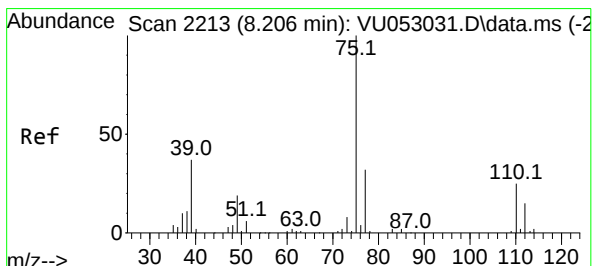
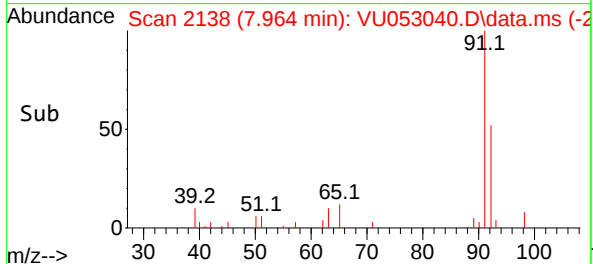
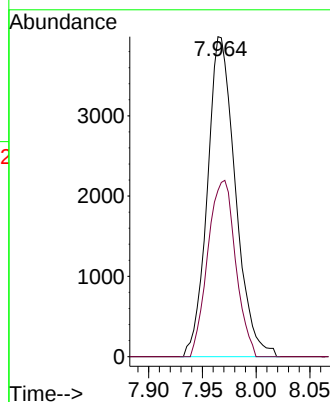
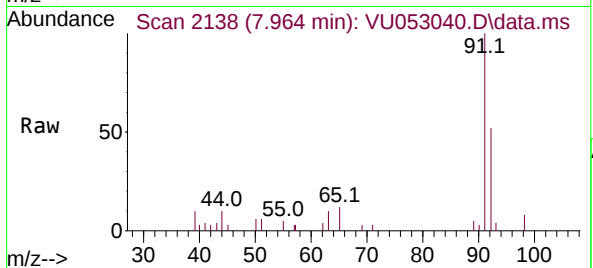
MDL-WATER-QT1-2023-01

Tgt Ion: 91 Resp: 7220

Ion Ratio Lower Upper

91 100

92 52.0 40.5 75.3



#44

trans-1,3-Dichloropropene

Concen: 0.180 ug/L

RT: 8.209 min Scan# 2214

Delta R.T. 0.003 min

Lab File: VU053040.D

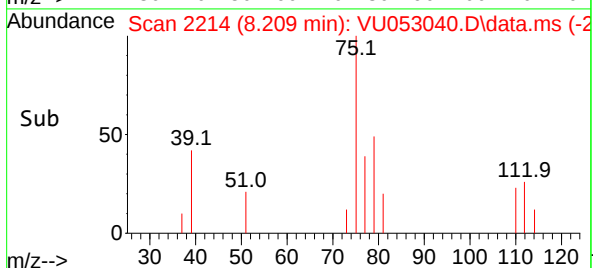
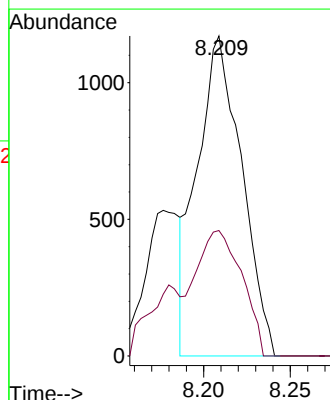
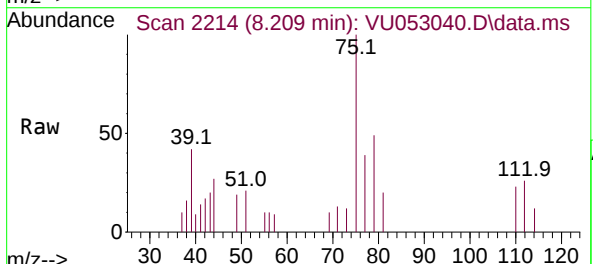
Acq: 10 Feb 2023 16:03

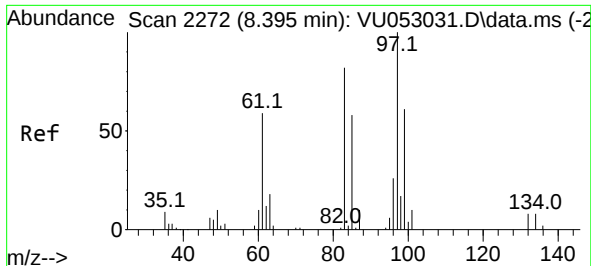
Tgt Ion: 75 Resp: 2086

Ion Ratio Lower Upper

75 100

77 39.2 22.3 41.3

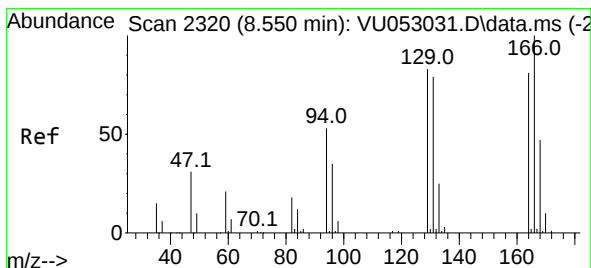
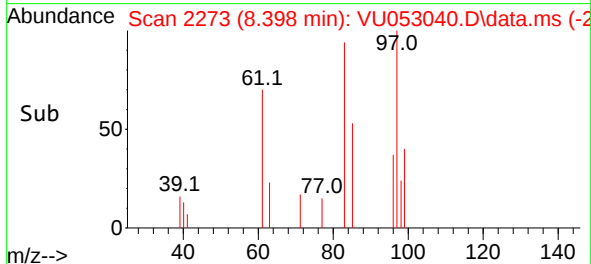
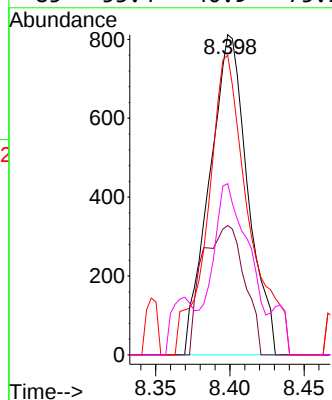
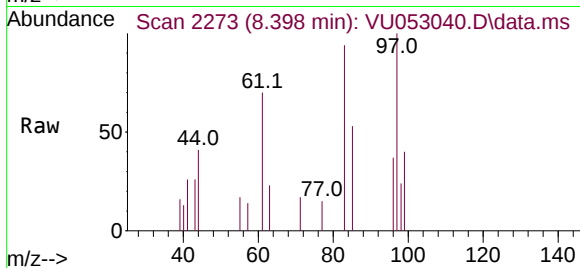




#45
1,1,2-Trichloroethane
Concen: 0.230 ug/L
RT: 8.398 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU053040.D
Acq: 10 Feb 2023 16:03

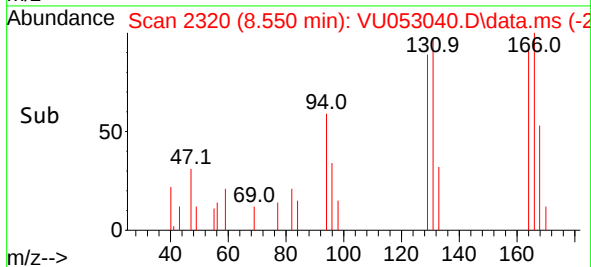
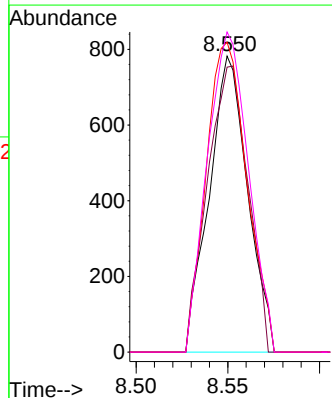
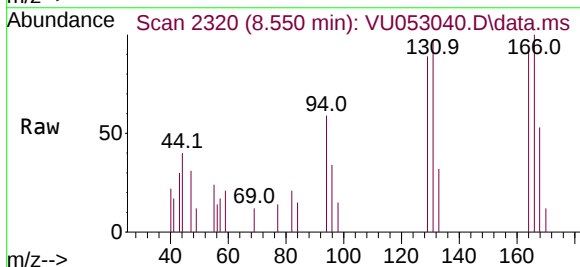
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT1-2023-01

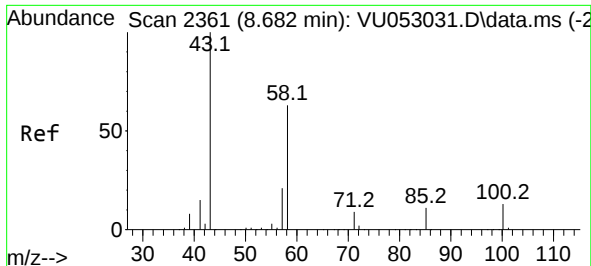
Tgt Ion: 97	Resp:	1457
Ion	Ratio	Lower Upper
97	100	
99	40.4	43.0 79.8#
83	93.6	58.0 107.8
85	53.4	40.9 75.9



#47
Tetrachloroethene
Concen: 0.192 ug/L
RT: 8.550 min Scan# 2320
Delta R.T. -0.000 min
Lab File: VU053040.D
Acq: 10 Feb 2023 16:03

Tgt Ion: 164	Resp:	1138
Ion	Ratio	Lower Upper
164	100	
129	96.3	71.7 133.1
131	104.7	67.8 126.0
166	108.2	86.4 160.4

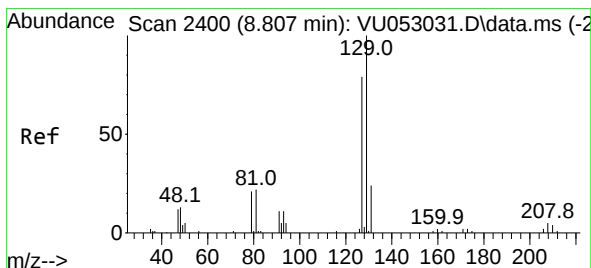
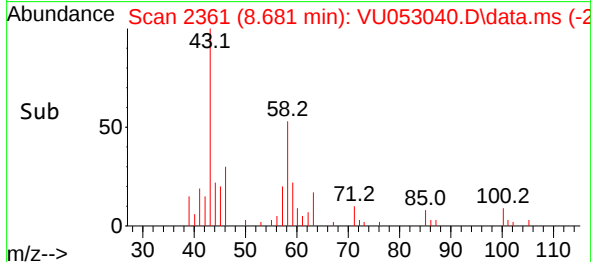
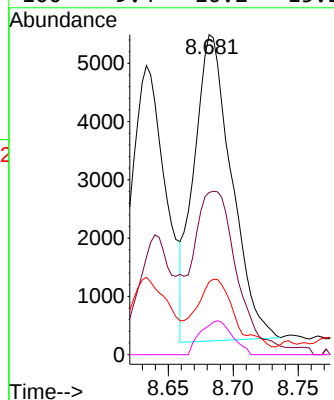
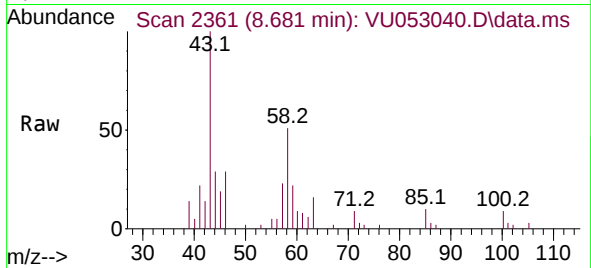




#48
2-Hexanone
Concen: 3.132 ug/L
RT: 8.681 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU053040.D
Acq: 10 Feb 2023 16:03

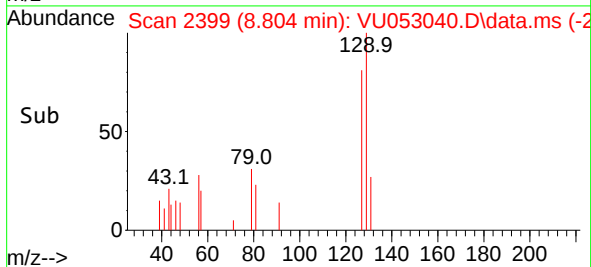
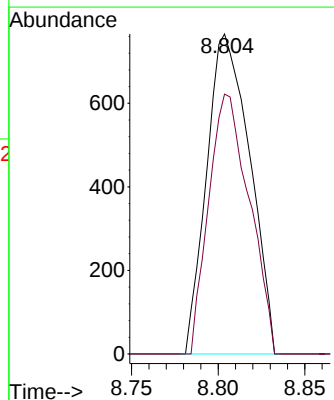
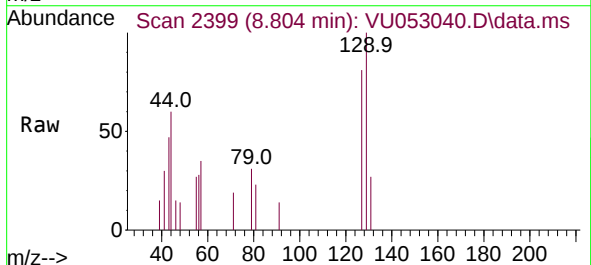
Instrument : MSVOA_U
ClientSampleId : MDL-WATER-QT1-2023-01

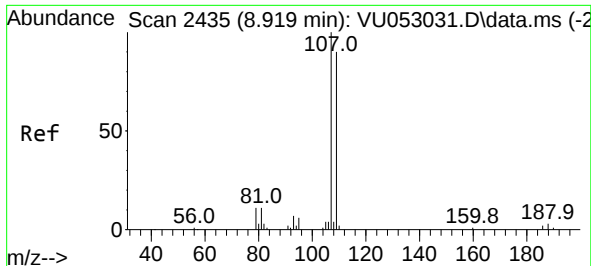
Tgt Ion:	43	Resp:	10572
Ion	Ratio	Lower	Upper
43	100		
58	56.7	50.3	75.5
57	21.6	17.4	26.0
100	9.4	10.2	15.2



#49
Dibromochloromethane
Concen: 0.191 ug/L
RT: 8.804 min Scan# 2399
Delta R.T. -0.003 min
Lab File: VU053040.D
Acq: 10 Feb 2023 16:03

Tgt Ion:	129	Resp:	1325
Ion	Ratio	Lower	Upper
129	100		
127	81.2	54.9	102.1





#50

1,2-Dibromoethane

Concen: 0.201 ug/L

RT: 8.919 min Scan# 2435

Delta R.T. -0.000 min

Lab File: VU053040.D

Acq: 10 Feb 2023 16:03

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-QT1-2023-01

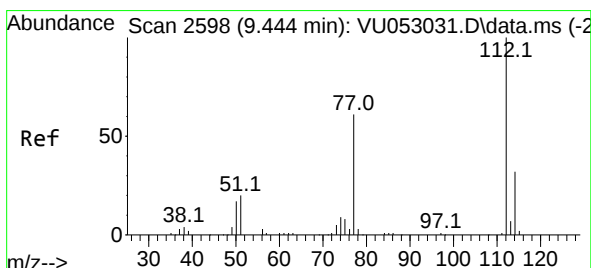
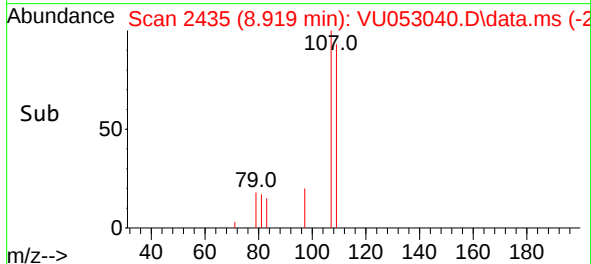
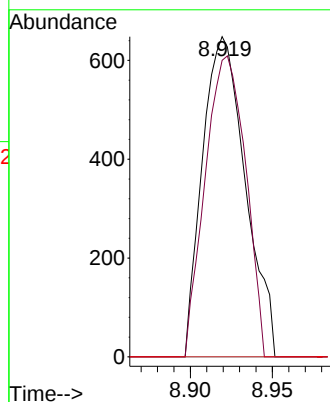
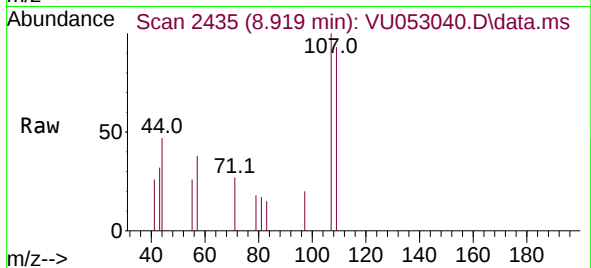
Tgt Ion:107 Resp: 1179

Ion Ratio Lower Upper

107 100

109 92.6 63.1 117.1

188 0.0 2.5 3.7#



#51

Chlorobenzene

Concen: 0.195 ug/L

RT: 9.443 min Scan# 2598

Delta R.T. -0.000 min

Lab File: VU053040.D

Acq: 10 Feb 2023 16:03

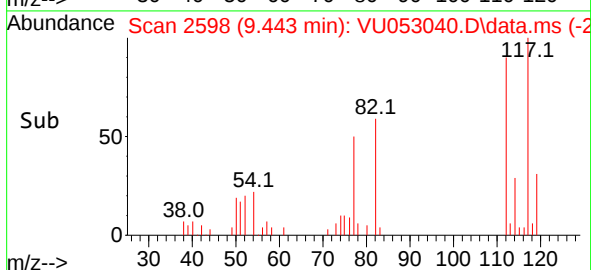
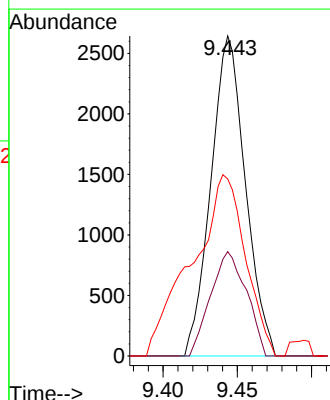
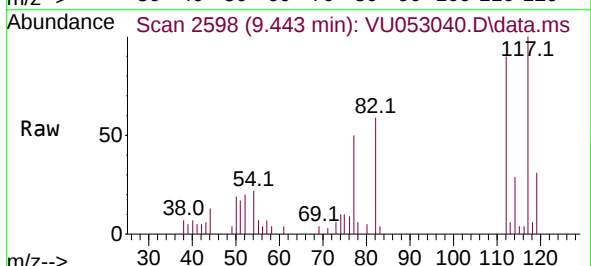
Tgt Ion:112 Resp: 4272

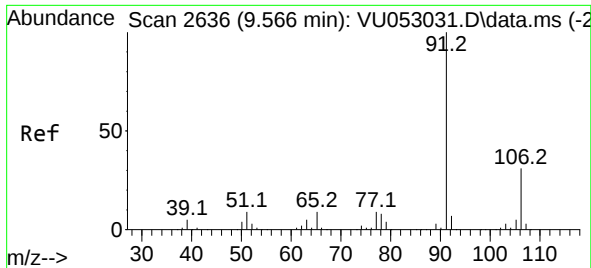
Ion Ratio Lower Upper

112 100

114 32.6 22.3 41.3

77 55.3 48.9 73.3

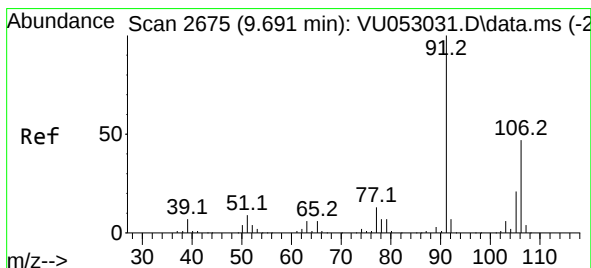
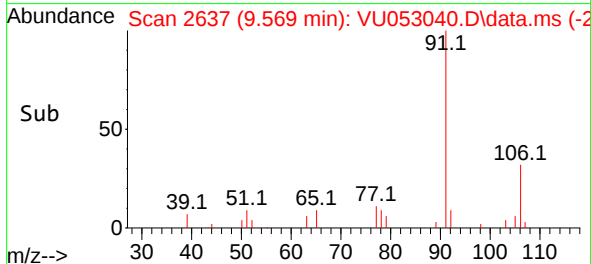
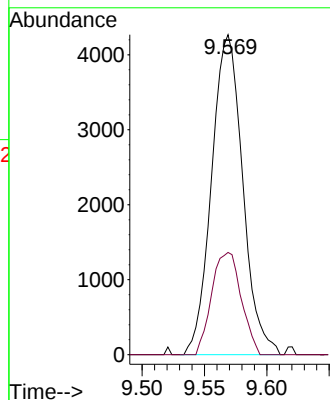
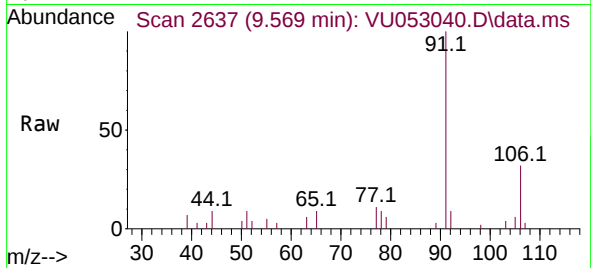




#52
Ethylbenzene
Concen: 0.186 ug/L
RT: 9.569 min Scan# 2636
Delta R.T. 0.003 min
Lab File: VU053040.D
Acq: 10 Feb 2023 16:03

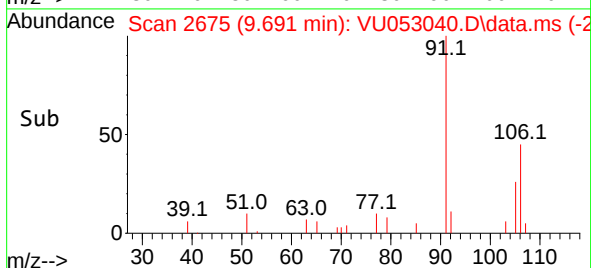
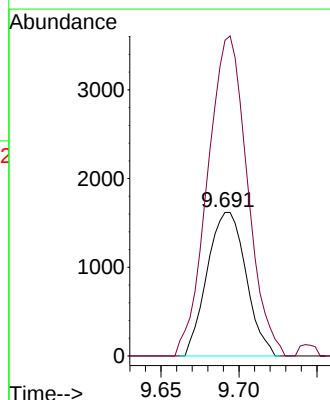
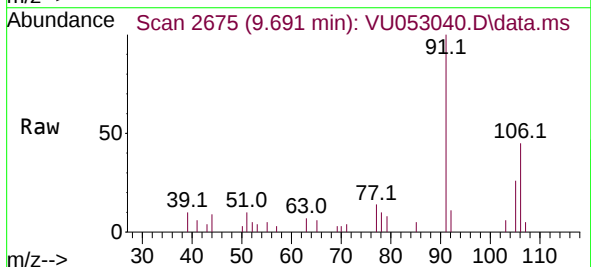
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT1-2023-01

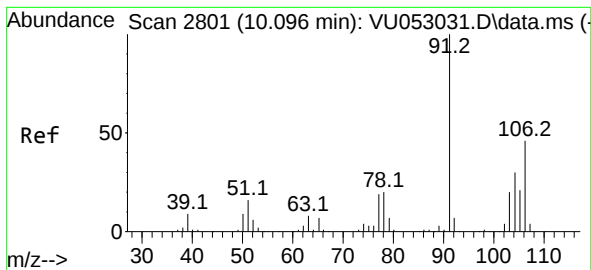
Tgt Ion: 91 Resp: 7423
Ion Ratio Lower Upper
91 100
106 32.0 21.4 39.8



#53
m,p-Xylene
Concen: 0.188 ug/L
RT: 9.691 min Scan# 2675
Delta R.T. -0.000 min
Lab File: VU053040.D
Acq: 10 Feb 2023 16:03

Tgt Ion: 106 Resp: 2806
Ion Ratio Lower Upper
106 100
91 219.9 149.9 278.3





#54

o-Xylene

Concen: 0.193 ug/L

RT: 10.096 min Scan# 2801

Delta R.T. -0.000 min

Lab File: VU053040.D

Acq: 10 Feb 2023 16:03

Instrument :

MSVOA_U

ClientSampleId :

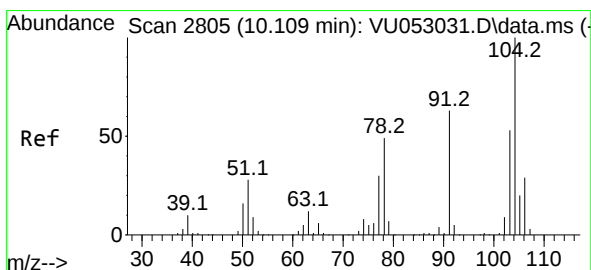
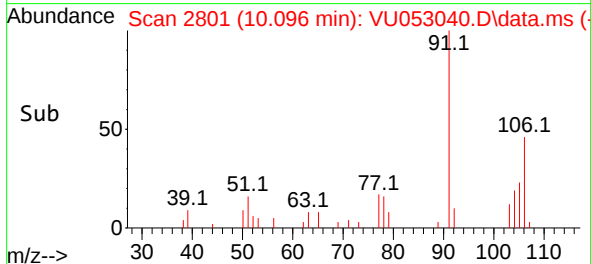
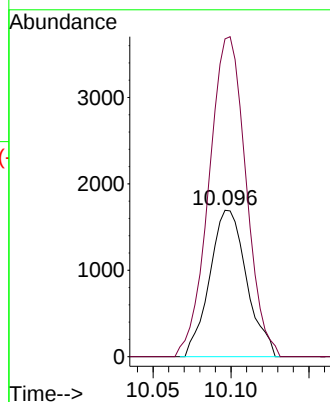
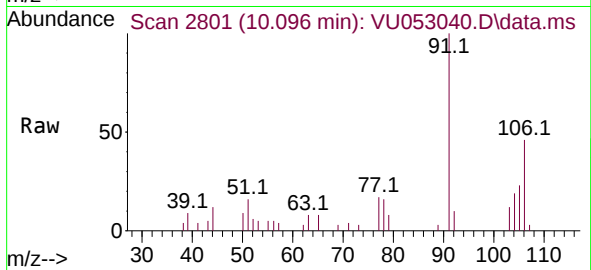
MDL-WATER-QT1-2023-01

Tgt Ion:106 Resp: 2791

Ion Ratio Lower Upper

106 100

91 217.0 153.6 285.2



#55

Styrene

Concen: 0.196 ug/L

RT: 10.115 min Scan# 2807

Delta R.T. 0.006 min

Lab File: VU053040.D

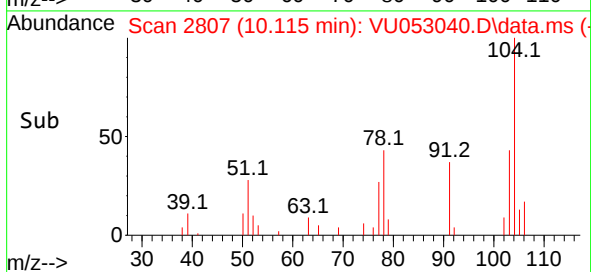
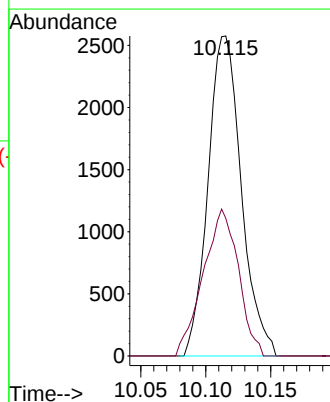
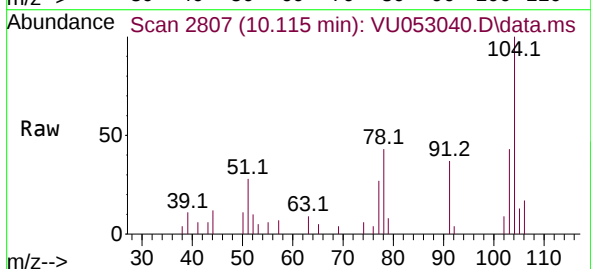
Acq: 10 Feb 2023 16:03

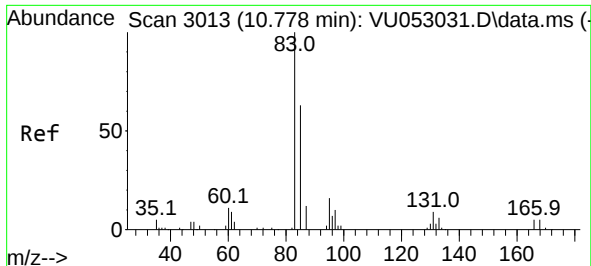
Tgt Ion:104 Resp: 4590

Ion Ratio Lower Upper

104 100

78 43.0 34.3 63.7





#57

1,1,2,2-Tetrachloroethane

Concen: 0.232 ug/L

RT: 10.778 min Scan# 3013

Delta R.T. -0.000 min

Lab File: VU053040.D

Acq: 10 Feb 2023 16:03

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-QT1-2023-01

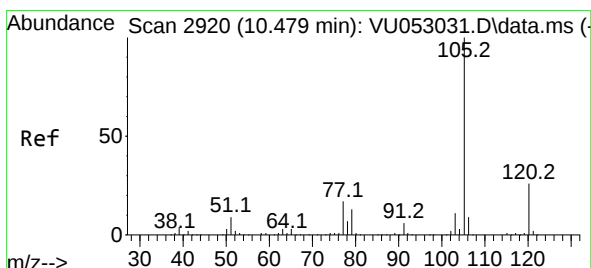
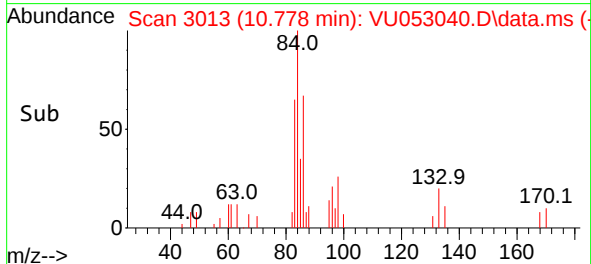
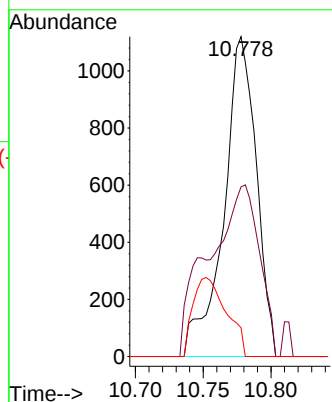
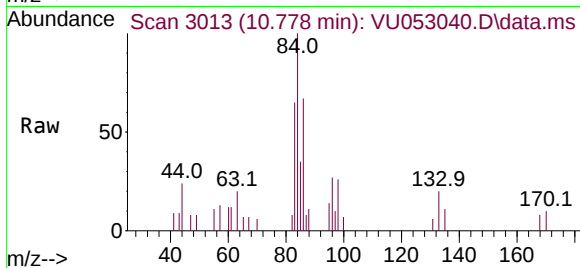
Tgt Ion: 83 Resp: 1867

Ion Ratio Lower Upper

83 100

85 53.0 44.7 82.9

131 9.0 7.8 11.6



#60

Isopropylbenzene

Concen: 0.203 ug/L

RT: 10.482 min Scan# 2921

Delta R.T. 0.003 min

Lab File: VU053040.D

Acq: 10 Feb 2023 16:03

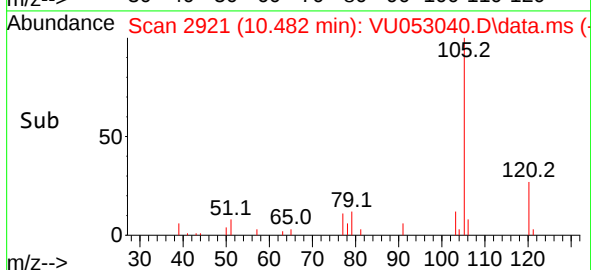
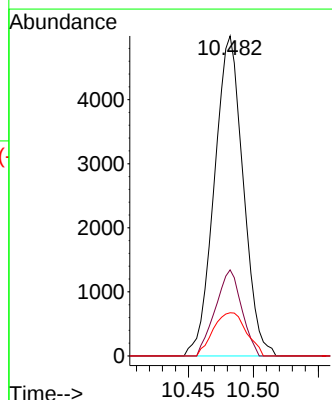
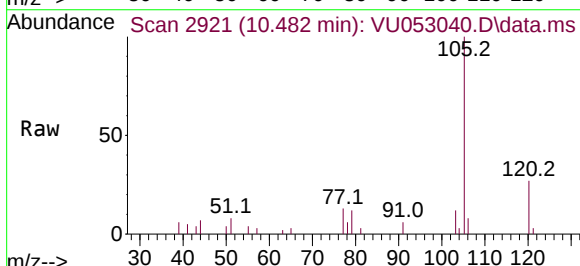
Tgt Ion: 105 Resp: 7691

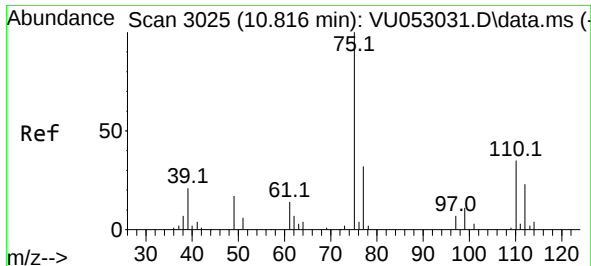
Ion Ratio Lower Upper

105 100

120 24.5 20.6 31.0

77 15.5 13.0 19.6

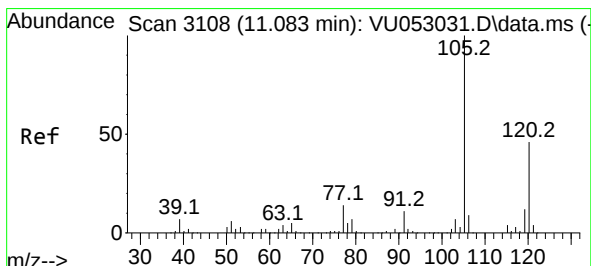
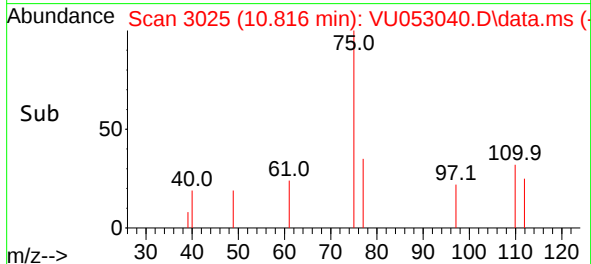
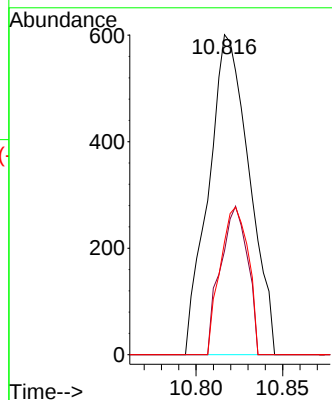
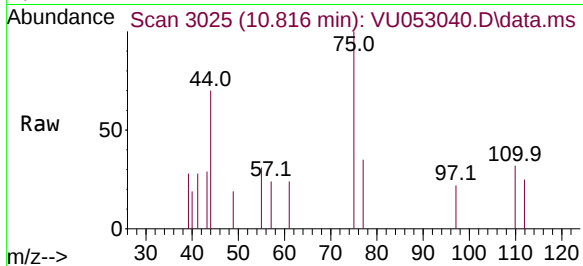




#61
1,2,3-Trichloropropane
Concen: 0.195 ug/L
RT: 10.816 min Scan# 3025
Delta R.T. -0.000 min
Lab File: VU053040.D
Acq: 10 Feb 2023 16:03

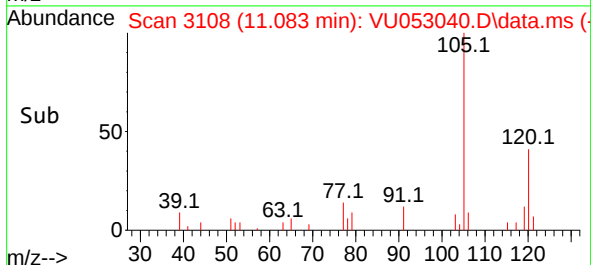
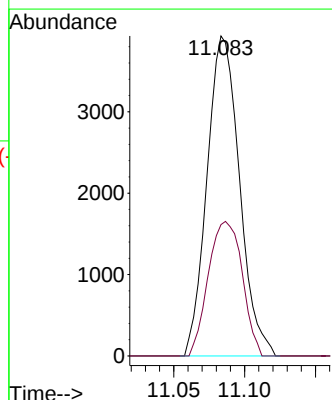
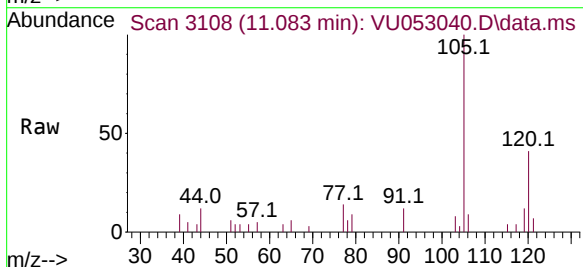
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT1-2023-01

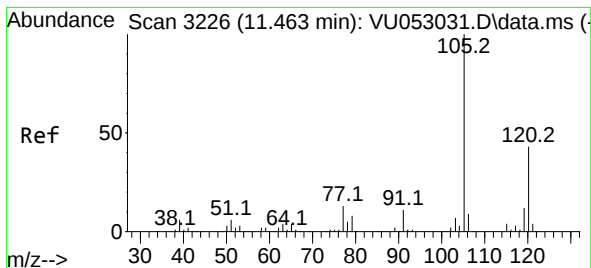
Tgt Ion:	75	Resp:	979
Ion	Ratio	Lower	Upper
75	100		
110	30.9	28.6	42.8
77	31.7	27.6	41.4



#62
1,3,5-Trimethylbenzene
Concen: 0.196 ug/L
RT: 11.083 min Scan# 3108
Delta R.T. -0.000 min
Lab File: VU053040.D
Acq: 10 Feb 2023 16:03

Tgt Ion:	105	Resp:	6266
Ion	Ratio	Lower	Upper
105	100		
120	43.8	37.0	55.6





#63

1,2,4-Trimethylbenzene

Concen: 0.194 ug/L

RT: 11.466 min Scan# 3226

Delta R.T. 0.003 min

Lab File: VU053040.D

Acq: 10 Feb 2023 16:03

Instrument :

MSVOA_U

ClientSampleId :

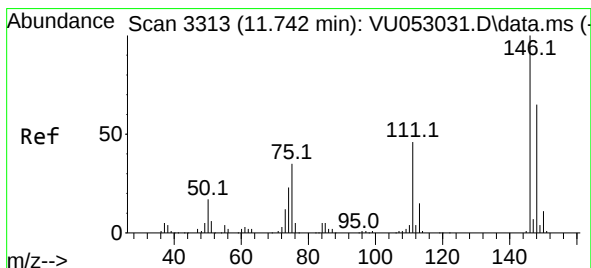
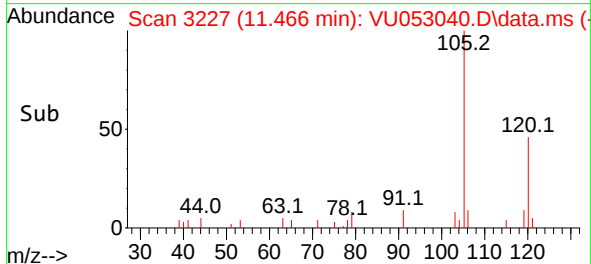
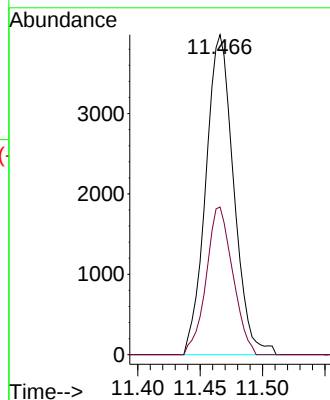
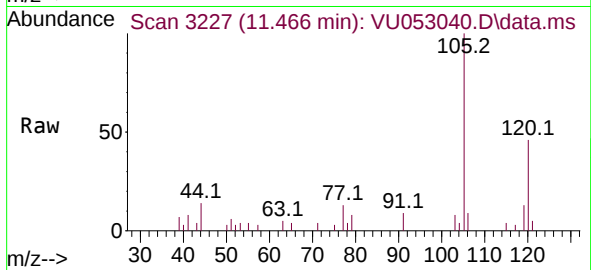
MDL-WATER-QT1-2023-01

Tgt Ion:105 Resp: 6210

Ion Ratio Lower Upper

105 100

120 43.9 34.7 52.1



#64

1,3-Dichlorobenzene

Concen: 0.185 ug/L

RT: 11.742 min Scan# 3313

Delta R.T. -0.000 min

Lab File: VU053040.D

Acq: 10 Feb 2023 16:03

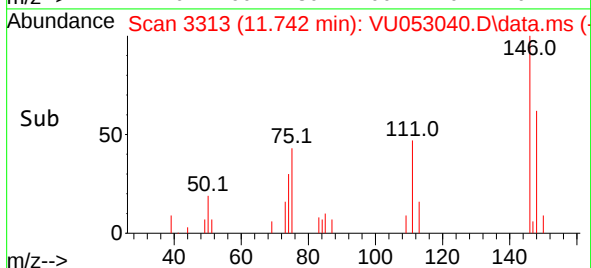
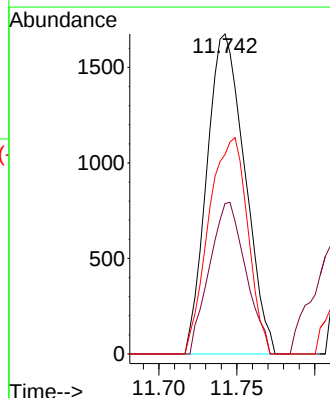
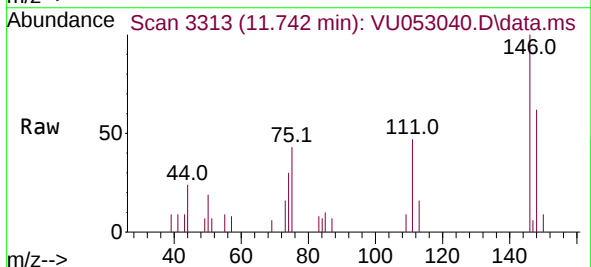
Tgt Ion:146 Resp: 2840

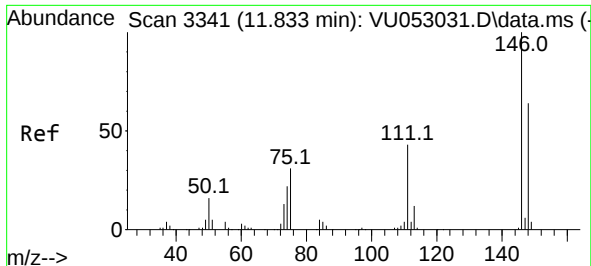
Ion Ratio Lower Upper

146 100

111 47.0 32.0 59.4

148 62.3 45.3 84.1





#65

1,4-Dichlorobenzene

Concen: 0.214 ug/L

RT: 11.832 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU053040.D

Acq: 10 Feb 2023 16:03

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-QT1-2023-01

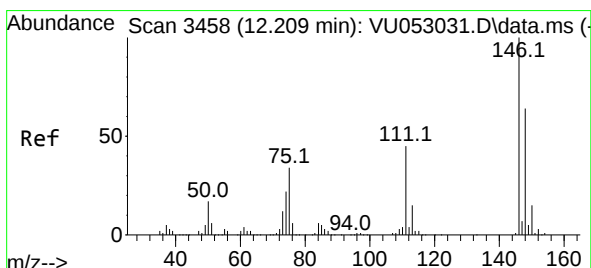
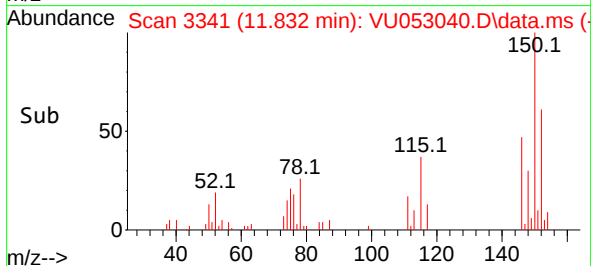
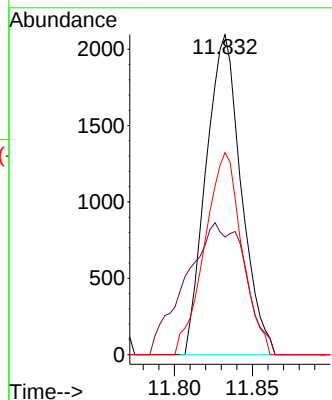
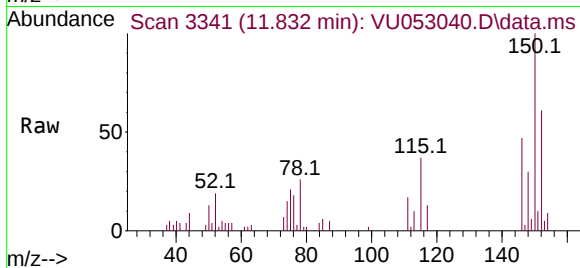
Tgt Ion:146 Resp: 3279

Ion Ratio Lower Upper

146 100

111 36.8 30.3 56.3

148 63.2 44.7 82.9



#67

1,2-Dichlorobenzene

Concen: 0.203 ug/L

RT: 12.205 min Scan# 3457

Delta R.T. -0.003 min

Lab File: VU053040.D

Acq: 10 Feb 2023 16:03

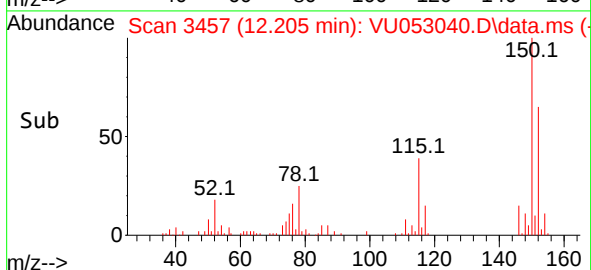
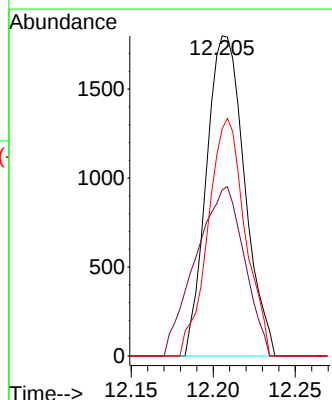
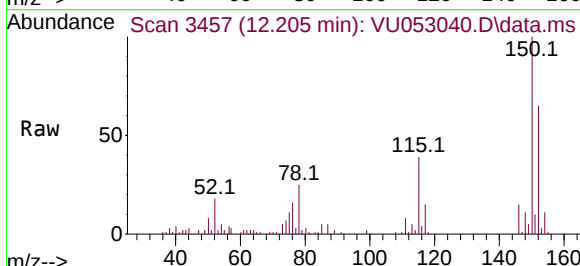
Tgt Ion:146 Resp: 2902

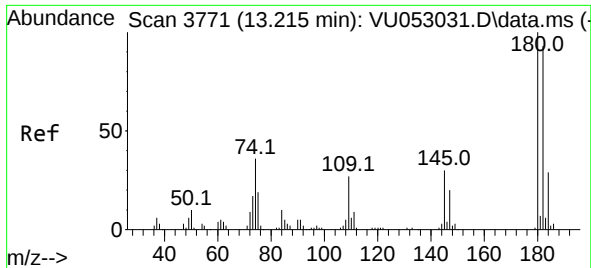
Ion Ratio Lower Upper

146 100

111 51.9 36.3 54.5

148 70.9 51.3 76.9





#69

1,3,5-Trichlorobenzene

Concen: 0.192 ug/L

RT: 13.218 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU053040.D

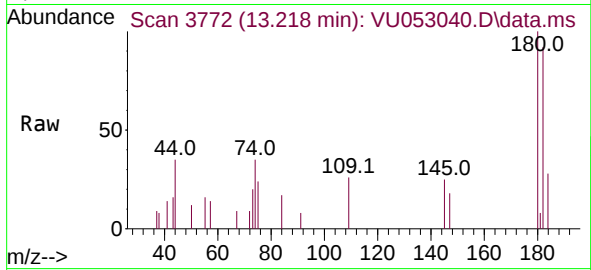
Acq: 10 Feb 2023 16:03

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-QT1-2023-01



Tgt Ion:180 Resp: 2094

Ion Ratio Lower Upper

180 100

182 93.9 75.4 113.0

184 29.4 23.8 35.6

145 25.6 25.2 37.8

