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 Data File : VU053088.D
 Acq On : 13 Feb 2023 18:13
 Operator : JC/MD
 Sample : 01378-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-QT1-2023-02

Quant Time: Feb 14 00:48:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR021023WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Feb 14 00:41:52 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.244	114	113006	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.411	117	99407	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	45495	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	20230	3.737	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.800%
7) Chloroethane-d5	1.913	69	22124	4.348	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.000%
11) 1,1-Dichloroethene-d2	2.566	65	9903	3.988	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.800%
20) 2-Butanone-d5	4.646	46	88293	53.252	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.500%
24) Chloroform-d	5.058	84	54672	4.388	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.800%
26) 1,2-Dichloroethane-d4	5.698	65	28897	4.604	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.000%
32) Benzene-d6	5.723	84	102582	4.592	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.800%
36) 1,2-Dichloropropane-d6	6.685	67	36916	4.745	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.800%
41) Toluene-d8	7.894	98	87785	4.350	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.000%
43) trans-1,3-Dichloroprop...	8.177	79	14889	4.727	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.600%
46) 2-Hexanone-d5	8.630	63	73906	52.852	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.700%
56) 1,1,2,2-Tetrachloroeth...	10.752	84	33278	4.980	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.600%
66) 1,2-Dichlorobenzene-d4	12.189	152	32592	4.795	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	1833	0.221	ug/L	91
3) Chloromethane	1.515	50	2639	0.305	ug/L	93
5) Vinyl chloride	1.601	62	2314	0.243	ug/L #	72
6) Bromomethane	1.855	94	1252	0.211	ug/L	98
8) Chloroethane	1.933	64	1371	0.244	ug/L	94
9) Trichlorofluoromethane	2.135	101	3225	0.246	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	1731	0.240	ug/L	92
12) 1,1-Dichloroethene	2.576	96	2149	0.321	ug/L #	1
14) Carbon disulfide	2.791	76	5150	0.255	ug/L	99
16) Methylene chloride	3.039	84	3164	0.409	ug/L	94
17) Methyl tert-butyl Ether	3.363	73	4168	0.230	ug/L #	76
18) trans-1,2-Dichloroethene	3.347	96	1584	0.224	ug/L	93
19) 1,1-Dichloroethane	3.862	63	3171	0.238	ug/L	94
21) 2-Butanone	4.733	43	2777	1.579	ug/L	91
22) cis-1,2-Dichloroethene	4.662	96	1884	0.236	ug/L	97
23) Bromochloromethane	4.968	128	432	0.137	ug/L	82
27) 1,2-Dichloroethane	5.788	62	2028	0.237	ug/L #	75
29) 1,1,1-Trichloroethane	5.312	97	2862	0.241	ug/L	98
30) Cyclohexane	5.386	56	2855	0.240	ug/L	98

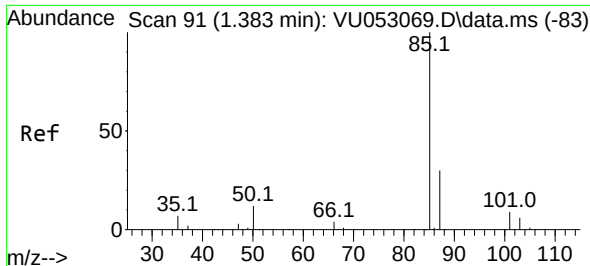
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 Data File : VU053088.D
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Quant Time: Feb 14 00:48:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR021023WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Feb 14 00:41:52 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
31) Carbon tetrachloride	5.524	117	2381	0.240	ug/L	95
33) Benzene	5.768	78	7920	0.276	ug/L	100
35) Methylcyclohexane	6.762	83	3277	0.251	ug/L	95
37) 1,2-Dichloropropane	6.791	63	1902	0.244	ug/L #	90
38) Bromodichloromethane	7.100	83	2377	0.235	ug/L #	94
39) cis-1,3-Dichloropropene	7.604	75	2933	0.236	ug/L	89
40) 4-Methyl-2-pentanone	7.791	43	10038	2.465	ug/L #	88
42) Toluene	7.968	91	7680	0.247	ug/L	94
44) trans-1,3-Dichloropropene	8.206	75	2927	0.285	ug/L	84
45) 1,1,2-Trichloroethane	8.395	97	1344	0.239	ug/L	94
47) Tetrachloroethene	8.546	164	1184	0.226	ug/L	88
48) 2-Hexanone	8.685	43	10719	3.587	ug/L	96
49) Dibromochloromethane	8.804	129	1518	0.248	ug/L	88
50) 1,2-Dibromoethane	8.923	107	1282	0.247	ug/L #	100
51) Chlorobenzene	9.443	112	4748	0.245	ug/L	98
52) Ethylbenzene	9.569	91	8690	0.246	ug/L	96
53) m,p-Xylene	9.691	106	3210	0.243	ug/L	98
54) o-Xylene	10.096	106	2942	0.230	ug/L	97
55) Styrene	10.112	104	4678	0.225	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.778	83	1826	0.257	ug/L #	94
59) Bromoform	10.289	173	699	0.211	ug/L #	80
60) Isopropylbenzene	10.482	105	7832	0.238	ug/L	99
61) 1,2,3-Trichloropropane	10.820	75	1078	0.247	ug/L	91
62) 1,3,5-Trimethylbenzene	11.083	105	6520	0.235	ug/L	95
63) 1,2,4-Trimethylbenzene	11.466	105	6109	0.220	ug/L	95
64) 1,3-Dichlorobenzene	11.742	146	3234	0.243	ug/L	97
65) 1,4-Dichlorobenzene	11.829	146	3061	0.229	ug/L	92
67) 1,2-Dichlorobenzene	12.209	146	2883	0.232	ug/L #	90
69) 1,3,5-Trichlorobenzene	13.221	180	1853	0.195	ug/L	95

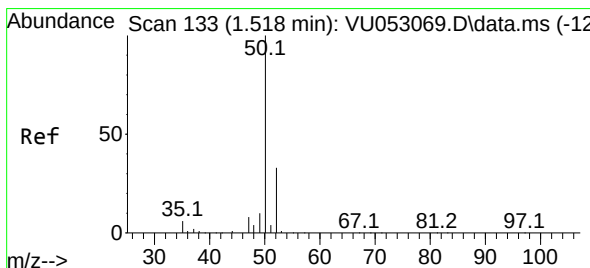
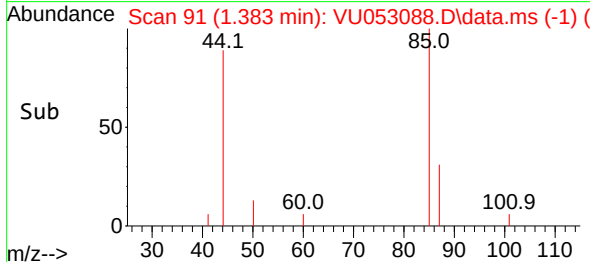
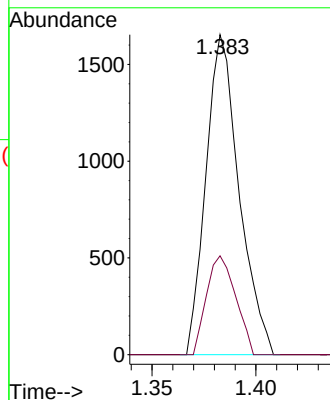
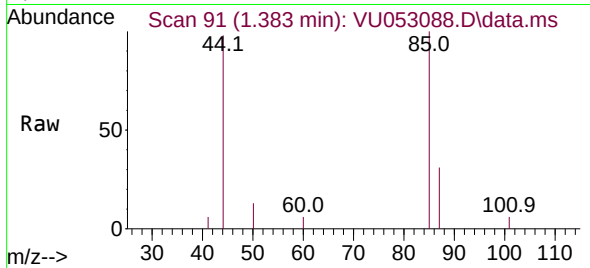
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 0.221 ug/L
 RT: 1.383 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VU053088.D
 Acq: 13 Feb 2023 18:13

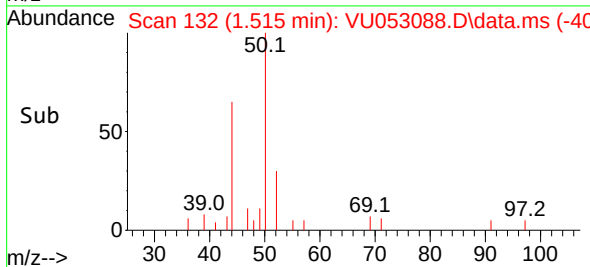
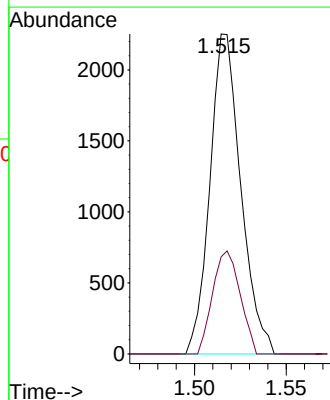
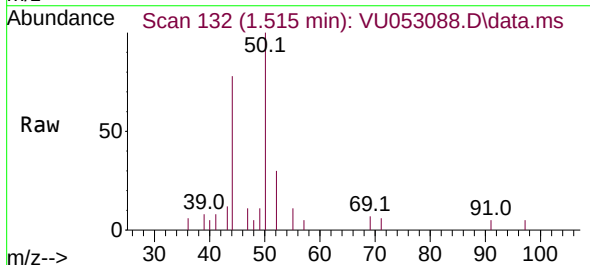
Instrument : MSVOA_U
 ClientSampleId : MDL-WATER-QT1-2023-02

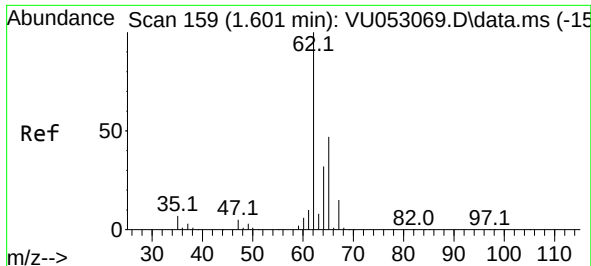
Tgt Ion: 85 Resp: 1833
 Ion Ratio Lower Upper
 85 100
 87 27.1 25.5 38.3



#3
 Chloromethane
 Concen: 0.305 ug/L
 RT: 1.515 min Scan# 132
 Delta R.T. -0.003 min
 Lab File: VU053088.D
 Acq: 13 Feb 2023 18:13

Tgt Ion: 50 Resp: 2639
 Ion Ratio Lower Upper
 50 100
 52 30.4 24.1 44.7

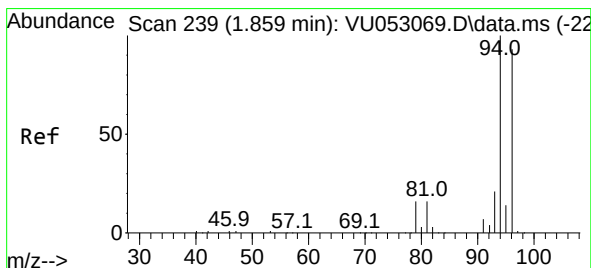
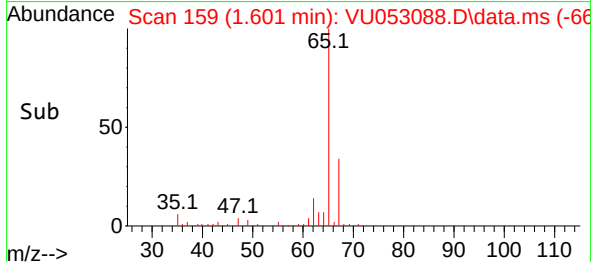
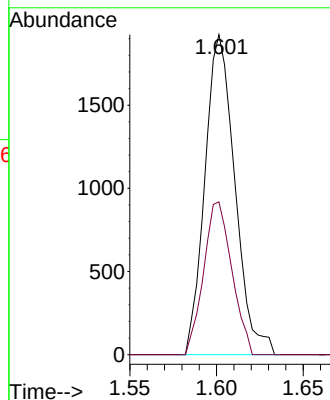
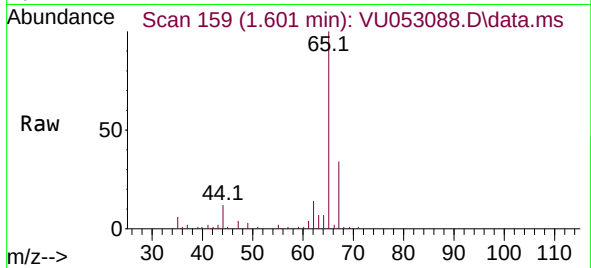




#5
 Vinyl chloride
 Concen: 0.243 ug/L
 RT: 1.601 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VU053088.D
 Acq: 13 Feb 2023 18:13

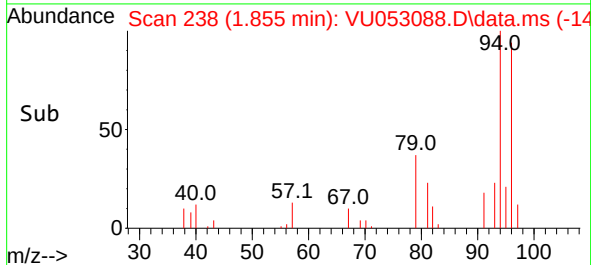
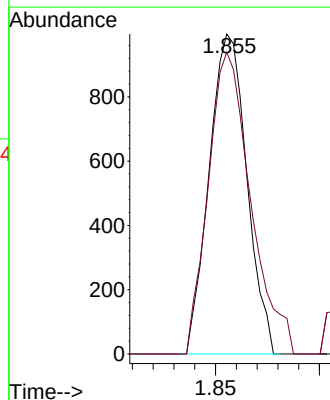
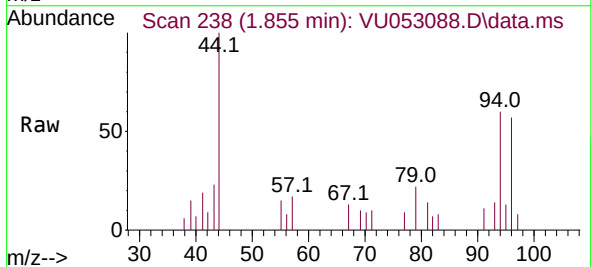
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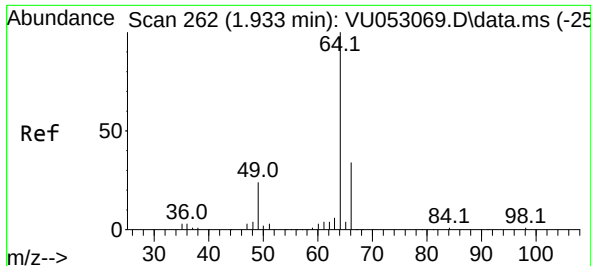
Tgt Ion: 62 Resp: 2314
 Ion Ratio Lower Upper
 62 100
 64 47.8 22.5 41.9#



#6
 Bromomethane
 Concen: 0.211 ug/L
 RT: 1.855 min Scan# 238
 Delta R.T. -0.003 min
 Lab File: VU053088.D
 Acq: 13 Feb 2023 18:13

Tgt Ion: 94 Resp: 1252
 Ion Ratio Lower Upper
 94 100
 96 94.3 64.8 120.3

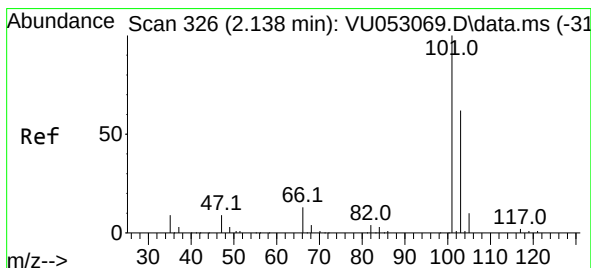
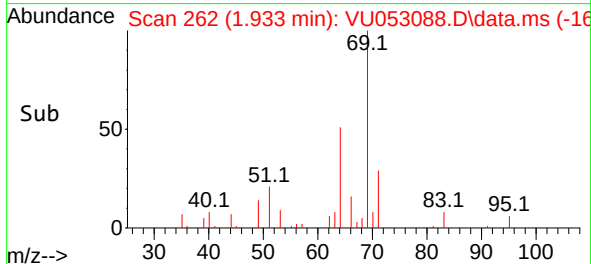
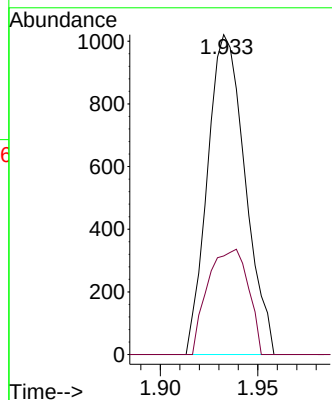
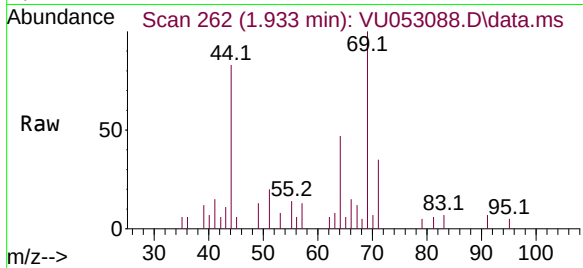




#8
Chloroethane
Concen: 0.244 ug/L
RT: 1.933 min Scan# 210
Delta R.T. -0.000 min
Lab File: VU053088.D
Acq: 13 Feb 2023 18:13

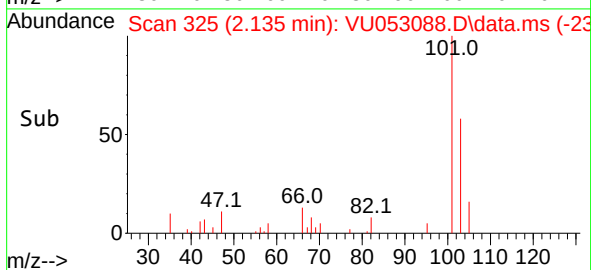
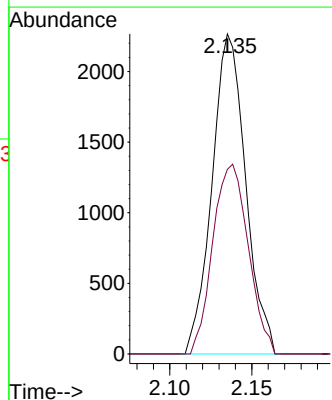
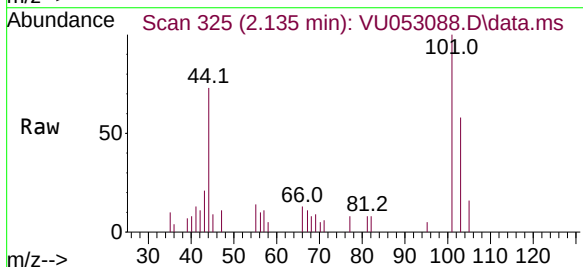
Instrument :
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ClientSampleId :
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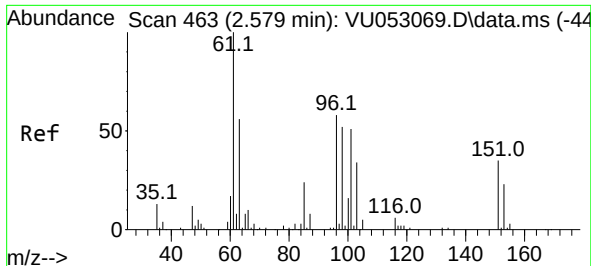
Tgt Ion: 64 Resp: 1371
Ion Ratio Lower Upper
64 100
66 30.9 23.9 44.3



#9
Trichlorofluoromethane
Concen: 0.246 ug/L
RT: 2.135 min Scan# 325
Delta R.T. -0.003 min
Lab File: VU053088.D
Acq: 13 Feb 2023 18:13

Tgt Ion:101 Resp: 3225
Ion Ratio Lower Upper
101 100
103 62.5 52.6 78.8

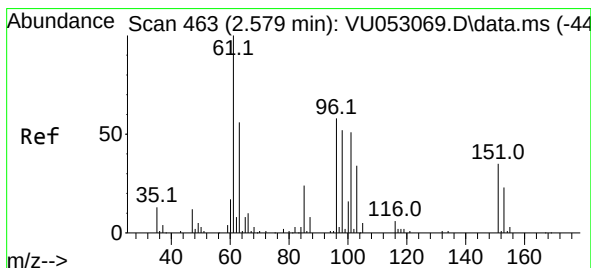
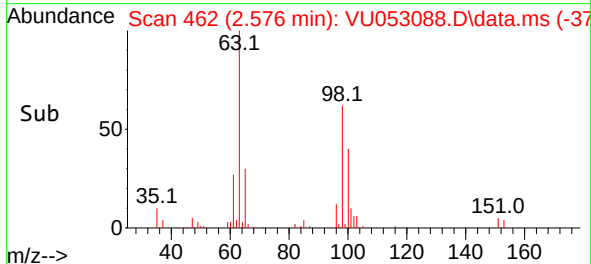
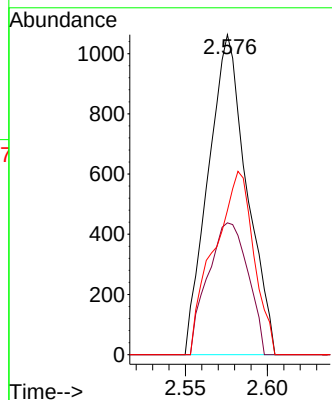
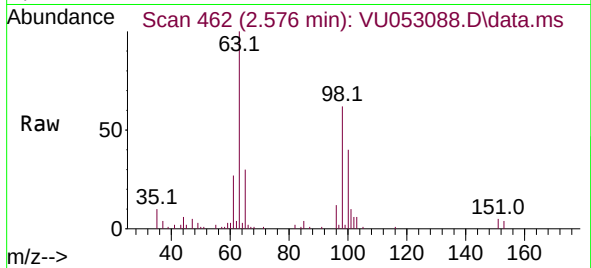




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.240 ug/L
RT: 2.576 min Scan# 462
Delta R.T. -0.003 min
Lab File: VU053088.D
Acq: 13 Feb 2023 18:13

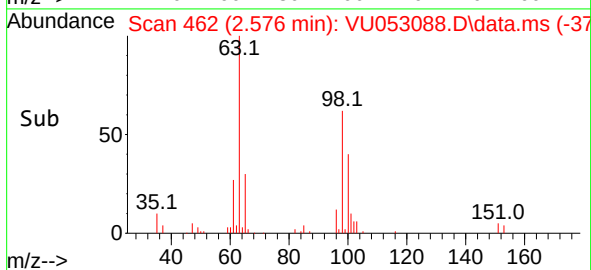
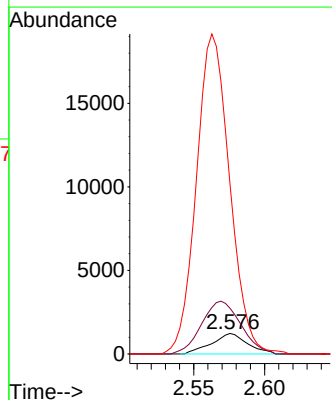
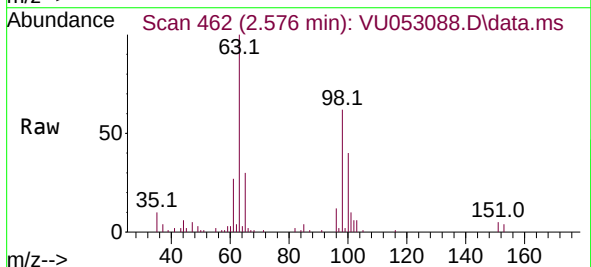
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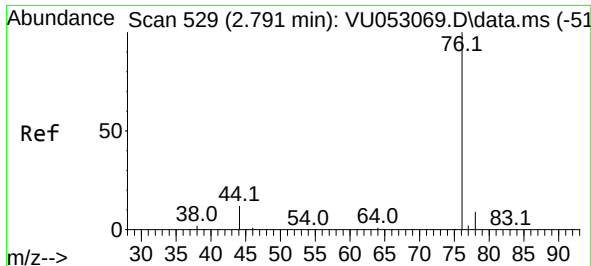
Tgt Ion:101 Resp: 1731
Ion Ratio Lower Upper
101 100
85 42.9 36.8 55.2
151 59.2 53.8 80.8



#12
1,1-Dichloroethene
Concen: 0.321 ug/L
RT: 2.576 min Scan# 462
Delta R.T. -0.003 min
Lab File: VU053088.D
Acq: 13 Feb 2023 18:13

Tgt Ion: 96 Resp: 2149
Ion Ratio Lower Upper
96 100
61 223.6 115.1 213.7#
63 831.1 63.6 118.0#

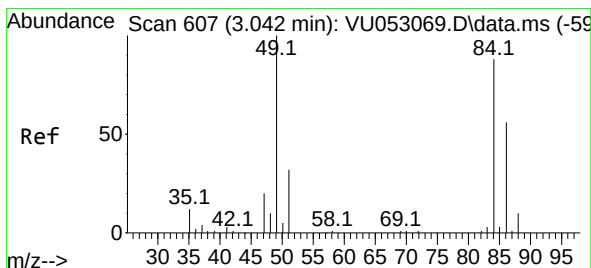
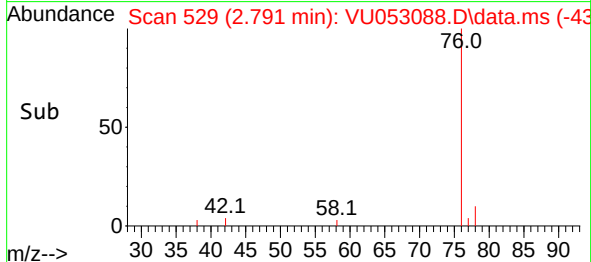
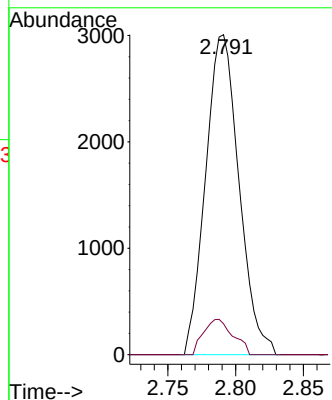
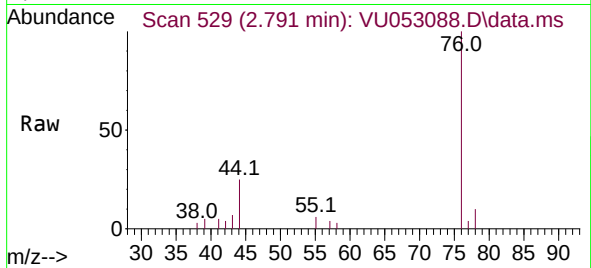




#14
Carbon disulfide
Concen: 0.255 ug/L
RT: 2.791 min Scan# 51
Delta R.T. -0.000 min
Lab File: VU053088.D
Acq: 13 Feb 2023 18:13

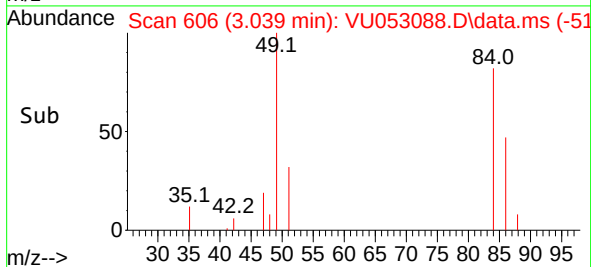
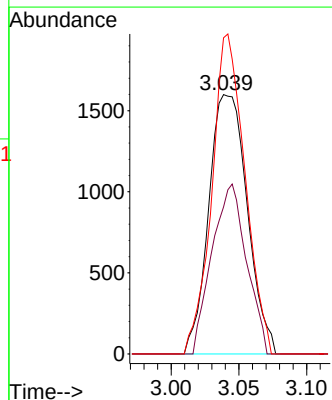
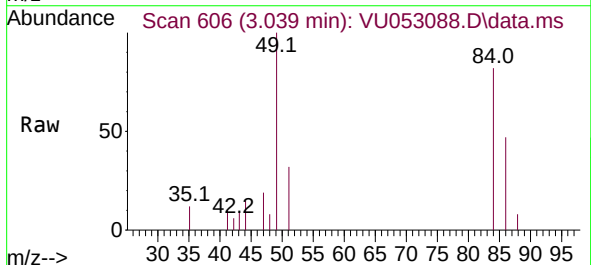
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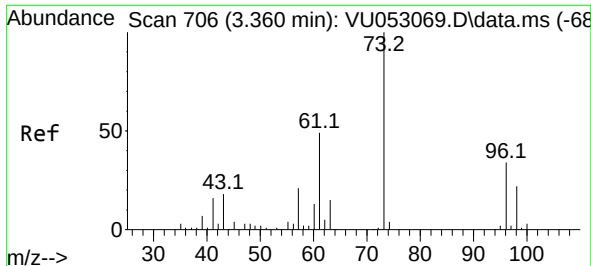
Tgt Ion: 76 Resp: 5150
Ion Ratio Lower Upper
76 100
78 9.7 7.5 11.3



#16
Methylene chloride
Concen: 0.409 ug/L
RT: 3.039 min Scan# 606
Delta R.T. -0.003 min
Lab File: VU053088.D
Acq: 13 Feb 2023 18:13

Tgt Ion: 84 Resp: 3164
Ion Ratio Lower Upper
84 100
86 56.7 44.9 83.3
49 121.9 82.6 153.4





#17

Methyl tert-butyl Ether

Concen: 0.230 ug/L

RT: 3.363 min Scan# 706

Delta R.T. 0.003 min

Lab File: VU053088.D

Acq: 13 Feb 2023 18:13

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-QT1-2023-02

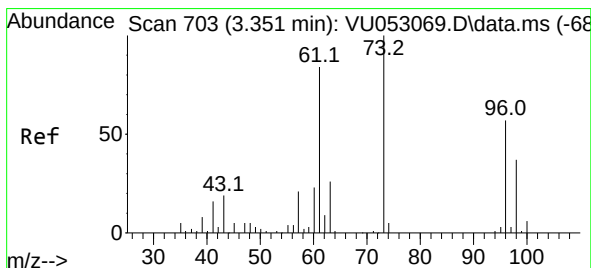
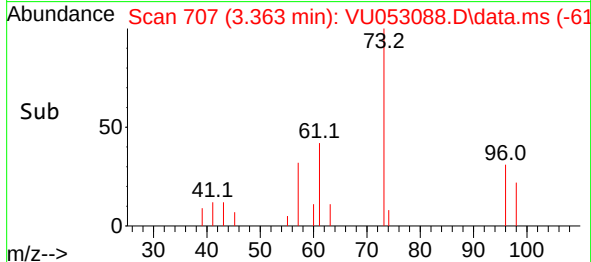
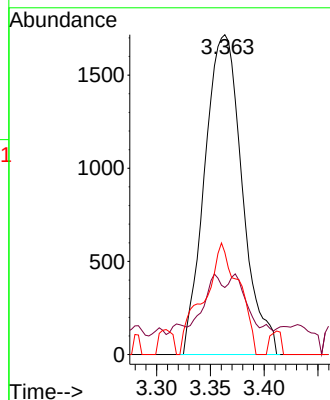
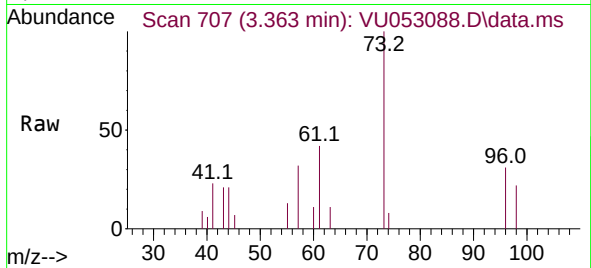
Tgt Ion: 73 Resp: 4168

Ion Ratio Lower Upper

73 100

43 7.9 14.6 21.8#

57 33.0 17.1 25.7#



#18

trans-1,2-Dichloroethene

Concen: 0.224 ug/L

RT: 3.347 min Scan# 702

Delta R.T. -0.003 min

Lab File: VU053088.D

Acq: 13 Feb 2023 18:13

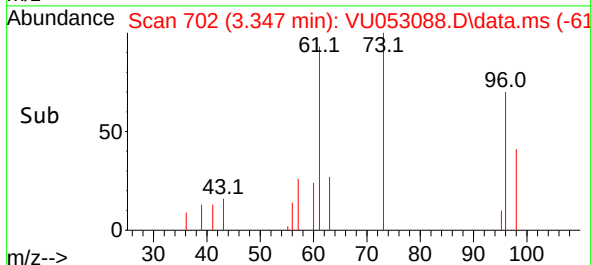
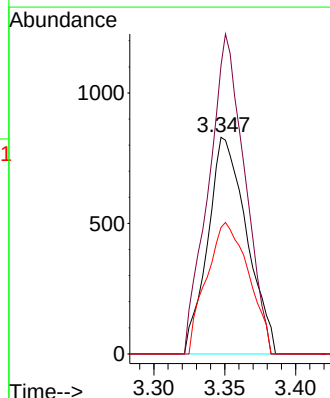
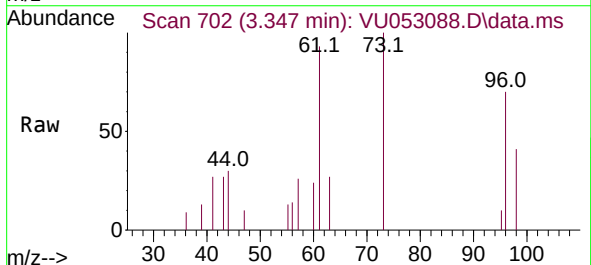
Tgt Ion: 96 Resp: 1584

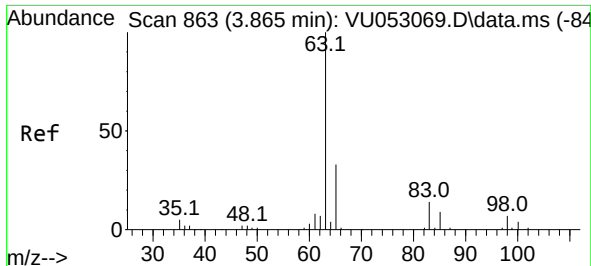
Ion Ratio Lower Upper

96 100

61 133.1 99.5 184.9

98 58.4 44.8 83.2





#19

1,1-Dichloroethane

Concen: 0.238 ug/L

RT: 3.862 min Scan# 8

Delta R.T. -0.003 min

Lab File: VU053088.D

Acq: 13 Feb 2023 18:13

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-QT1-2023-02

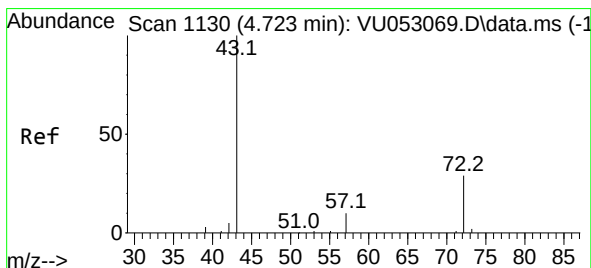
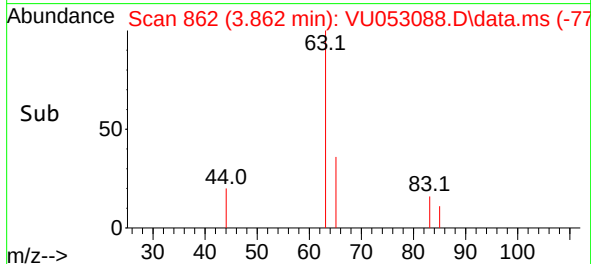
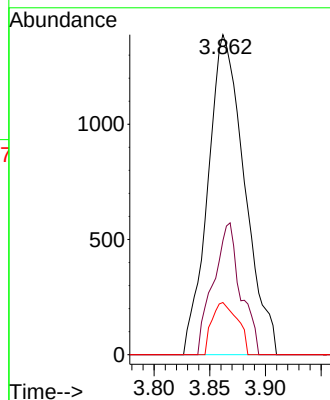
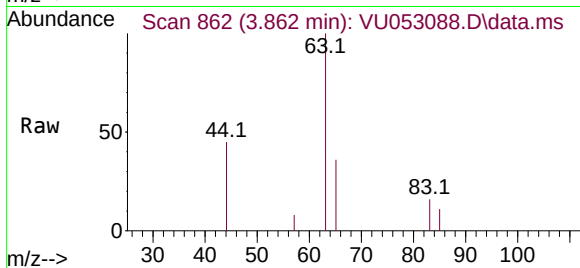
Tgt Ion: 63 Resp: 3171

Ion Ratio Lower Upper

63 100

65 35.6 22.3 41.3

83 16.3 9.8 18.2



#21

2-Butanone

Concen: 1.579 ug/L

RT: 4.733 min Scan# 1133

Delta R.T. 0.010 min

Lab File: VU053088.D

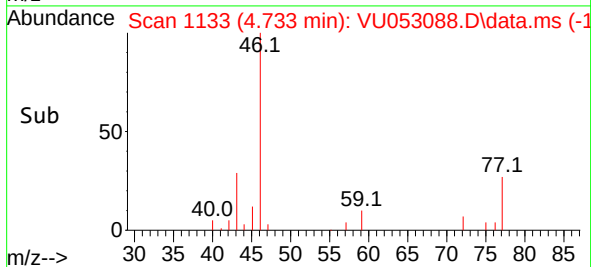
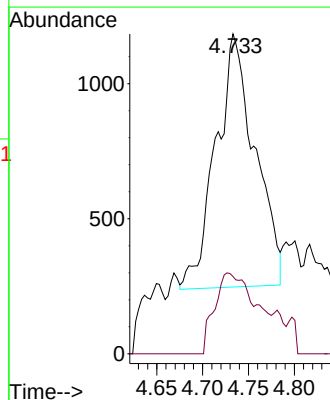
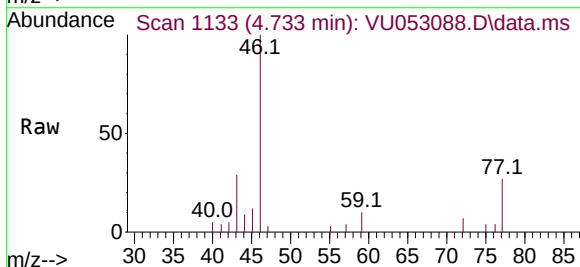
Acq: 13 Feb 2023 18:13

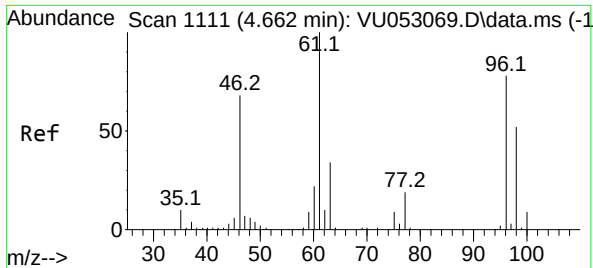
Tgt Ion: 43 Resp: 2777

Ion Ratio Lower Upper

43 100

72 33.8 14.5 43.5

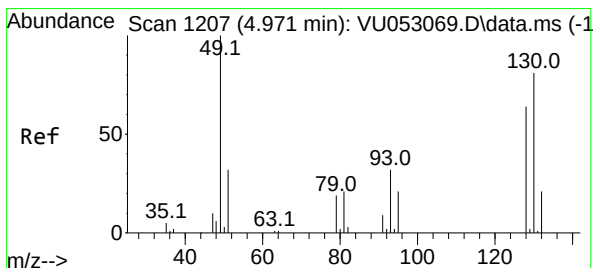
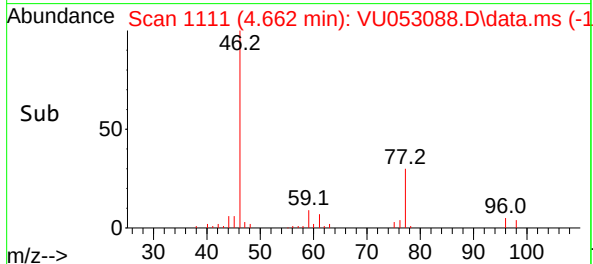
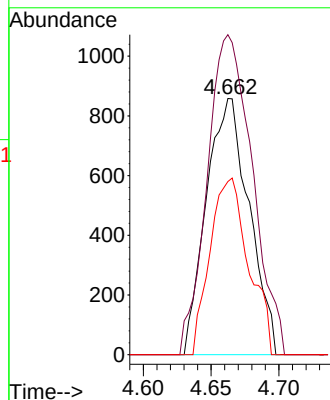
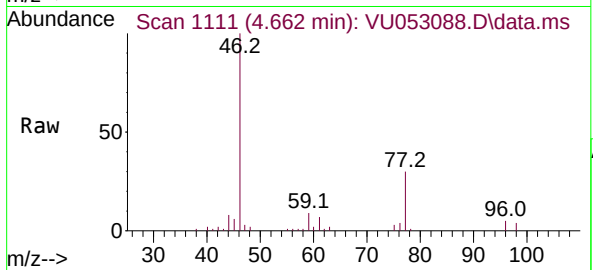




#22
 cis-1,2-Dichloroethene
 Concen: 0.236 ug/L
 RT: 4.662 min Scan# 1111
 Delta R.T. -0.000 min
 Lab File: VU053088.D
 Acq: 13 Feb 2023 18:13

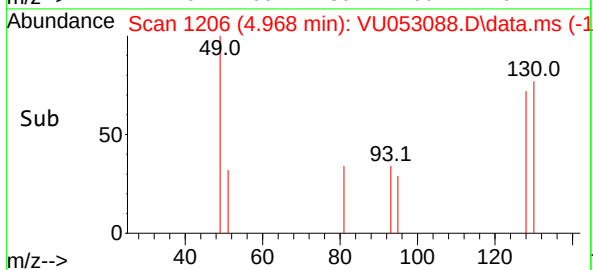
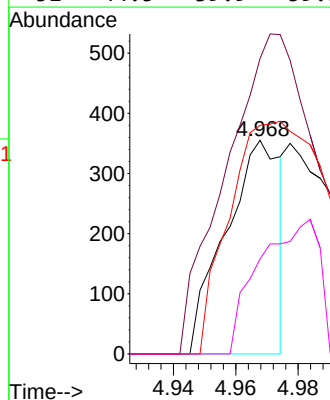
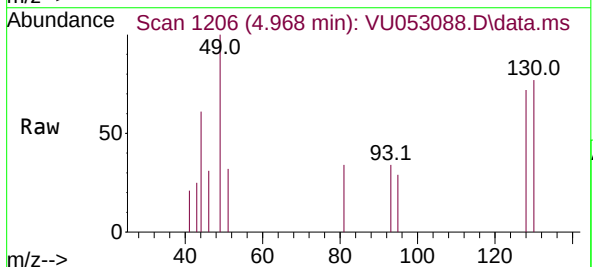
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-QT1-2023-02

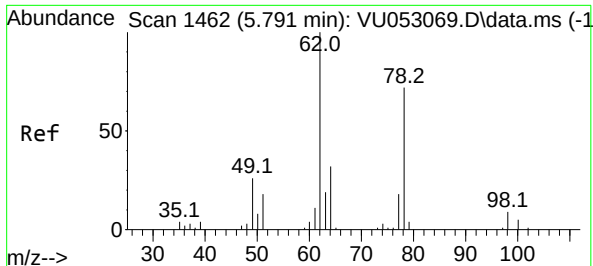
Tgt Ion: 96	Resp:	1884	
Ion	Ratio	Lower	Upper
96	100		
61	124.9	90.9	168.9
98	67.6	47.0	87.4



#23
 Bromochloromethane
 Concen: 0.137 ug/L
 RT: 4.968 min Scan# 1206
 Delta R.T. -0.003 min
 Lab File: VU053088.D
 Acq: 13 Feb 2023 18:13

Tgt	Ion:128	Resp:	432
Ion	Ratio	Lower	Upper
128	100		
49	138.3	114.2	212.0
130	107.0	91.6	170.2
51	44.5	39.9	59.9

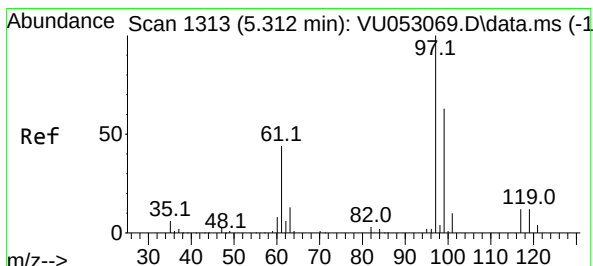
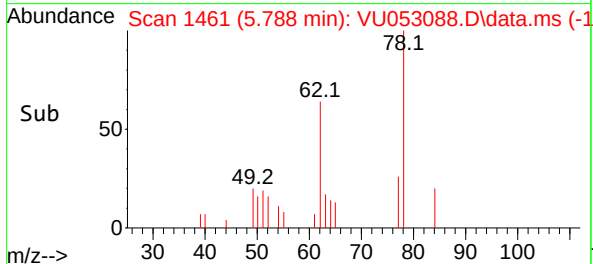
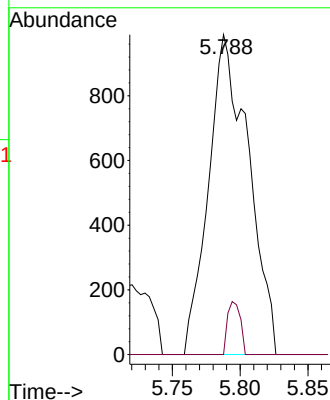
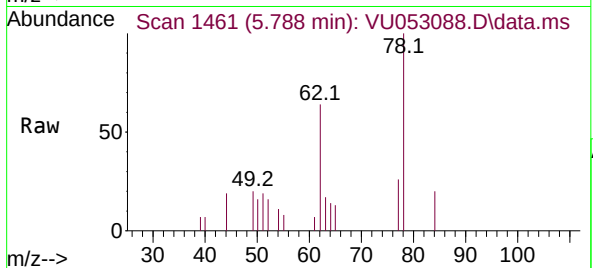




#27
1,2-Dichloroethane
Concen: 0.237 ug/L
RT: 5.788 min Scan# 1462
Delta R.T. -0.003 min
Lab File: VU053088.D
Acq: 13 Feb 2023 18:13

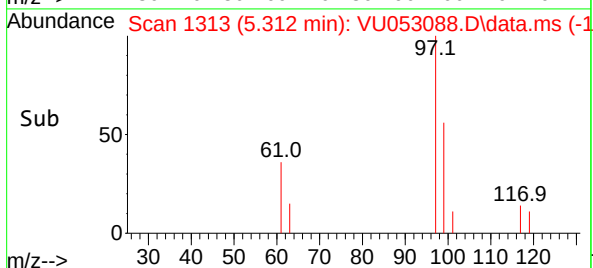
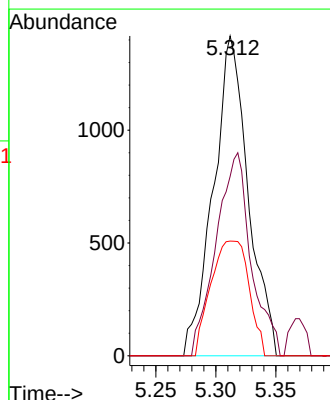
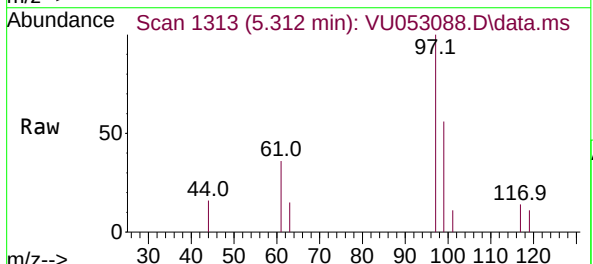
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT1-2023-02

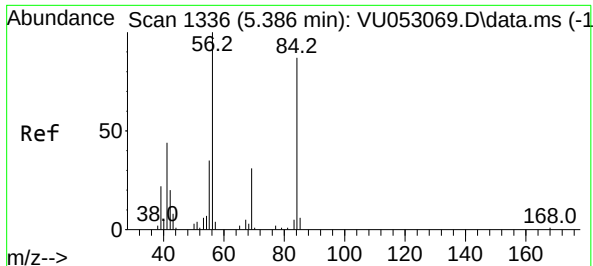
Tgt Ion: 62 Resp: 2028
Ion Ratio Lower Upper
62 100
98 0.0 7.1 10.7#



#29
1,1,1-Trichloroethane
Concen: 0.241 ug/L
RT: 5.312 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VU053088.D
Acq: 13 Feb 2023 18:13

Tgt Ion: 97 Resp: 2862
Ion Ratio Lower Upper
97 100
99 63.9 51.0 76.6
61 39.2 34.2 51.4

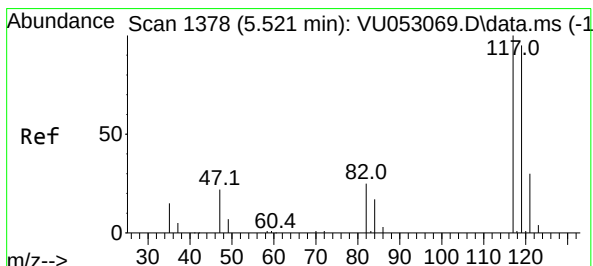
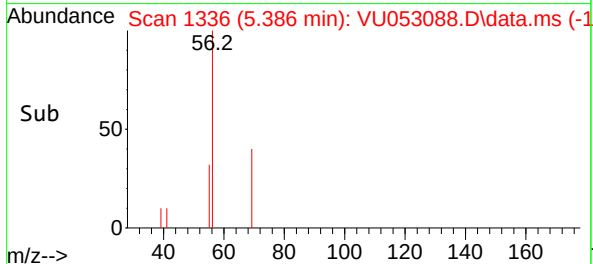
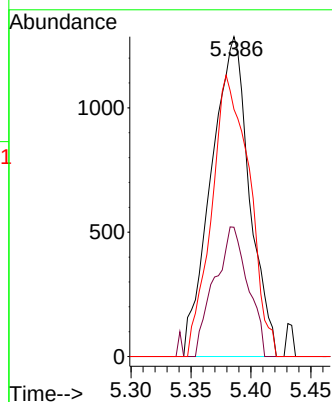
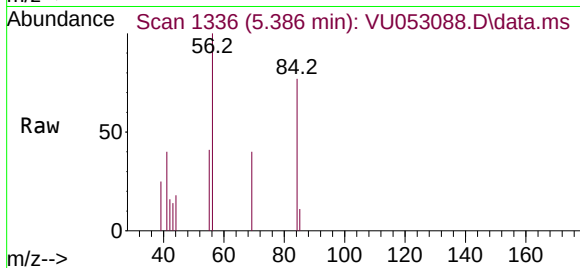




#30
Cyclohexane
Concen: 0.240 ug/L
RT: 5.386 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU053088.D
Acq: 13 Feb 2023 18:13

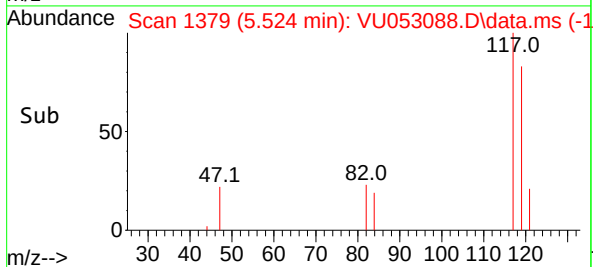
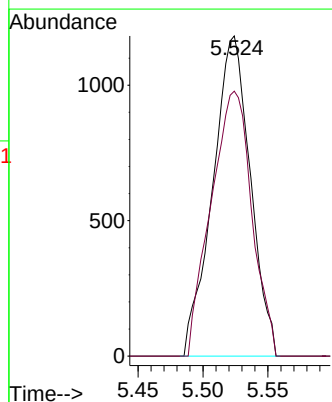
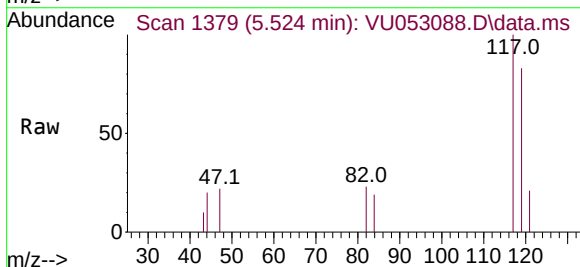
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT1-2023-02

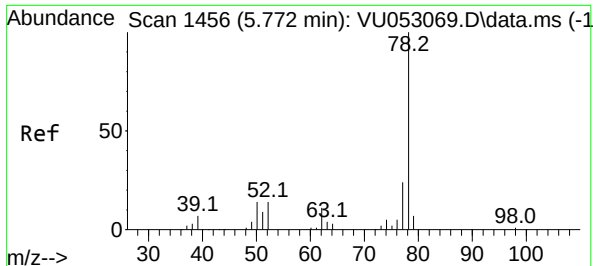
Tgt Ion: 56	Resp: 2855		
Ion Ratio	Lower	Upper	
56	100		
69	35.3	27.0	40.6
84	86.8	70.8	106.2



#31
Carbon tetrachloride
Concen: 0.240 ug/L
RT: 5.524 min Scan# 1379
Delta R.T. 0.003 min
Lab File: VU053088.D
Acq: 13 Feb 2023 18:13

Tgt Ion:117	Resp:	2381	
Ion	Ratio	Lower	Upper
117	100		
119	89.7	75.4	113.0

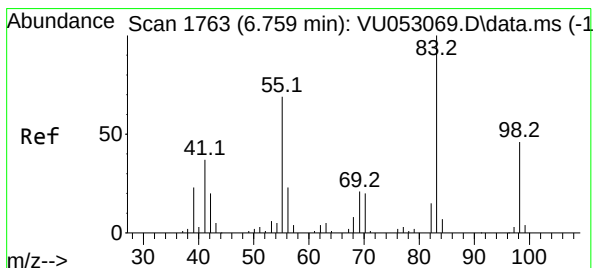
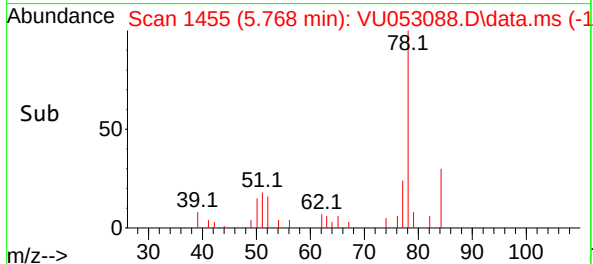
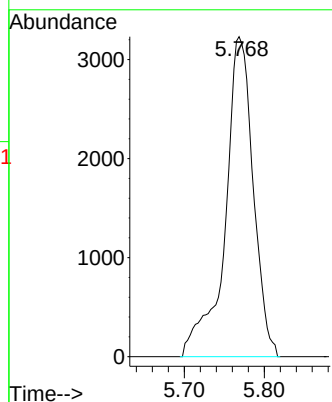
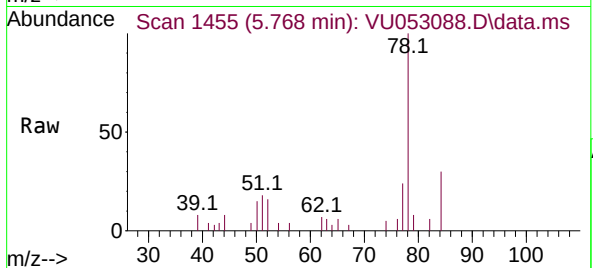




#33
Benzene
Concen: 0.276 ug/L
RT: 5.768 min Scan# 1456
Delta R.T. -0.003 min
Lab File: VU053088.D
Acq: 13 Feb 2023 18:13

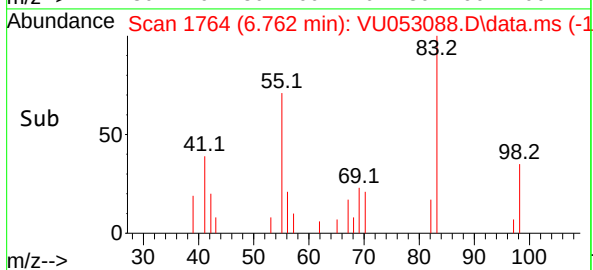
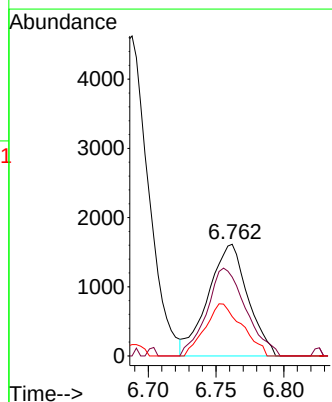
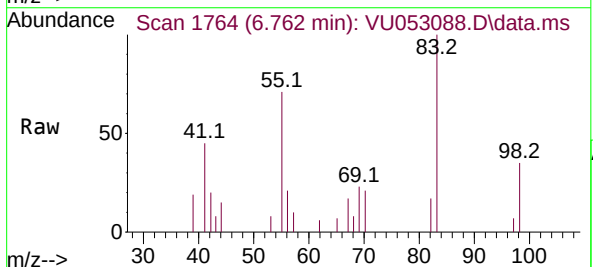
Instrument : MSVOA_U
ClientSampleId : MDL-WATER-QT1-2023-02

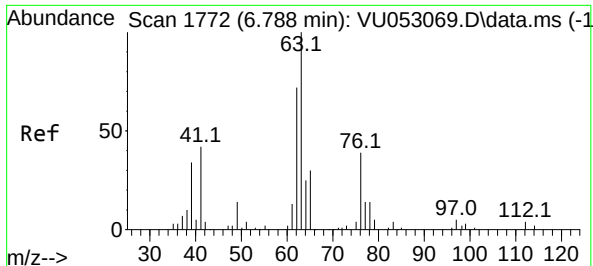
Tgt Ion: 78 Resp: 7920



#35
Methylcyclohexane
Concen: 0.251 ug/L
RT: 6.762 min Scan# 1764
Delta R.T. 0.003 min
Lab File: VU053088.D
Acq: 13 Feb 2023 18:13

Tgt Ion: 83 Resp: 3277
Ion Ratio Lower Upper
83 100
55 77.5 57.9 86.9
98 43.7 36.4 54.6





#37

1,2-Dichloropropane

Concen: 0.244 ug/L

RT: 6.791 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU053088.D

Acq: 13 Feb 2023 18:13

Instrument :

MSVOA_U

ClientSampleId :

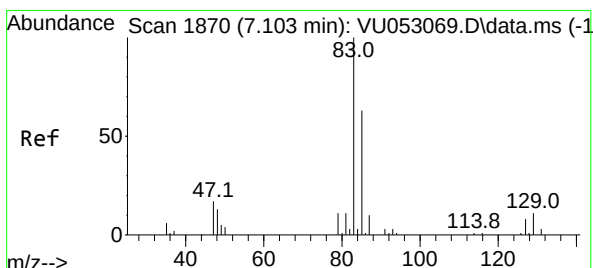
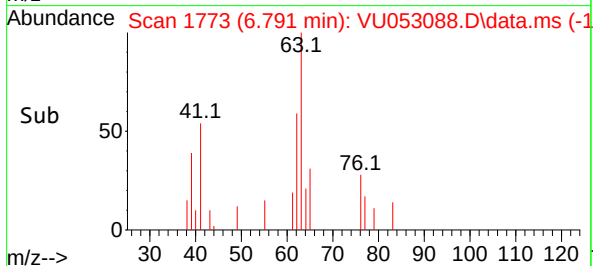
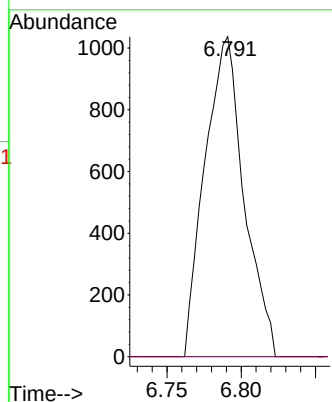
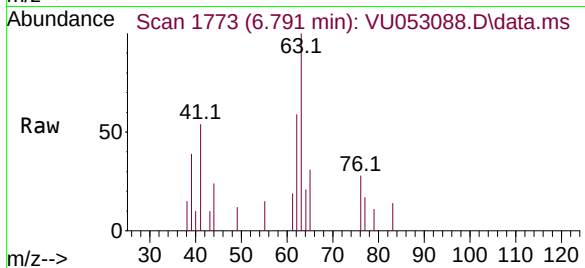
MDL-WATER-QT1-2023-02

Tgt Ion: 63 Resp: 1902

Ion Ratio Lower Upper

63 100

112 0.0 2.7 4.1#



#38

Bromodichloromethane

Concen: 0.235 ug/L

RT: 7.100 min Scan# 1869

Delta R.T. -0.003 min

Lab File: VU053088.D

Acq: 13 Feb 2023 18:13

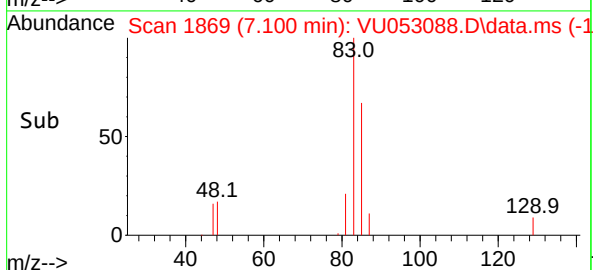
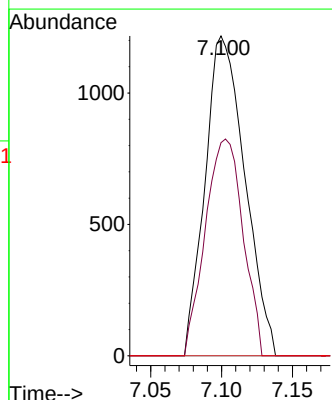
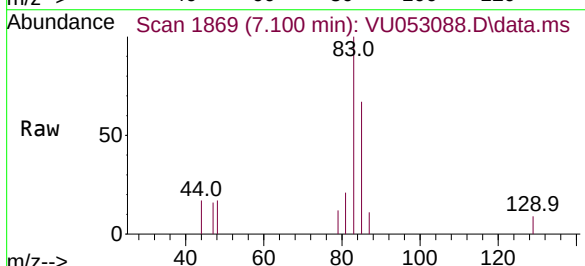
Tgt Ion: 83 Resp: 2377

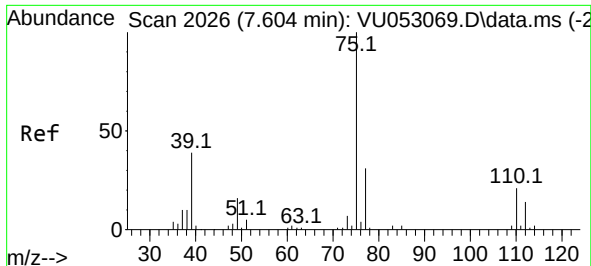
Ion Ratio Lower Upper

83 100

85 66.6 44.7 82.9

127 0.0 6.3 9.5#

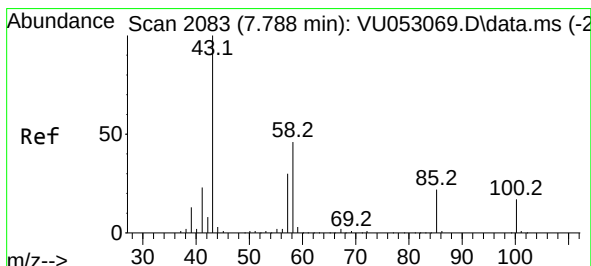
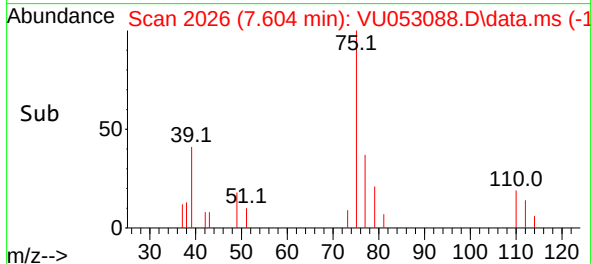
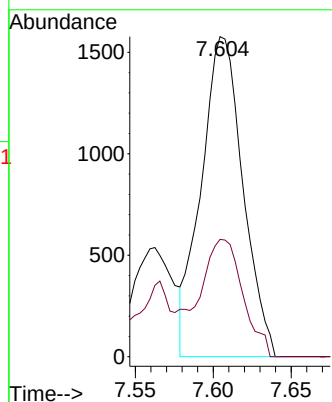
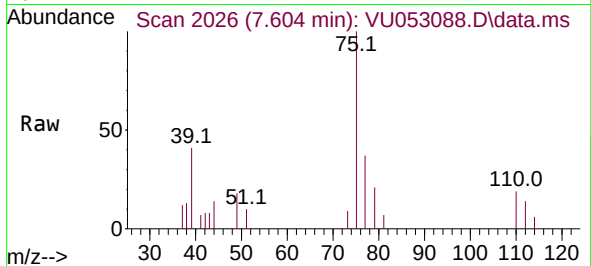




#39
 cis-1,3-Dichloropropene
 Concen: 0.236 ug/L
 RT: 7.604 min Scan# 2026
 Delta R.T. -0.000 min
 Lab File: VU053088.D
 Acq: 13 Feb 2023 18:13

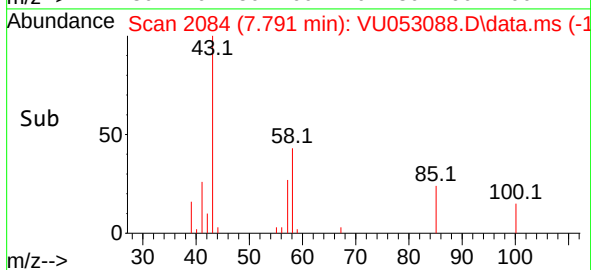
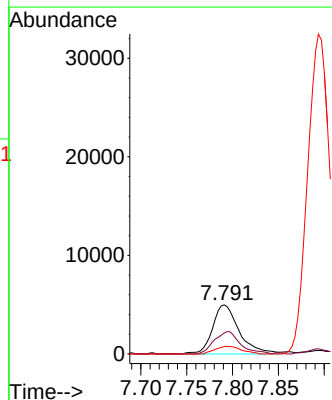
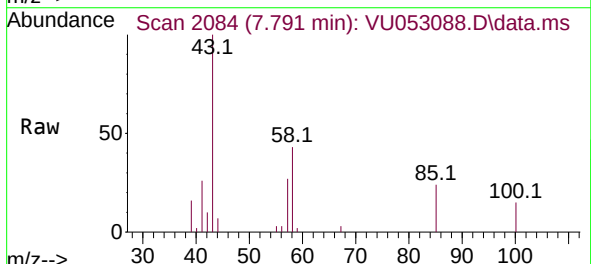
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-QT1-2023-02

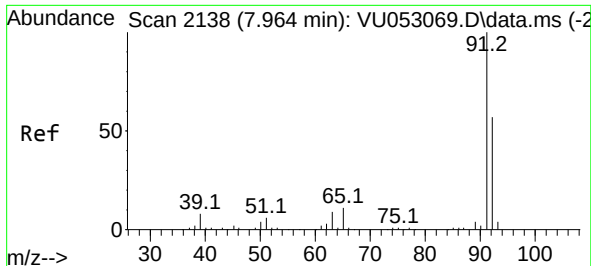
Tgt Ion: 75 Resp: 2933
 Ion Ratio Lower Upper
 75 100
 77 36.7 21.6 40.0



#40
 4-Methyl-2-pentanone
 Concen: 2.465 ug/L
 RT: 7.791 min Scan# 2084
 Delta R.T. 0.003 min
 Lab File: VU053088.D
 Acq: 13 Feb 2023 18:13

Tgt Ion: 43 Resp: 10038
 Ion Ratio Lower Upper
 43 100
 58 44.3 35.9 53.9
 100 0.0 13.8 20.6





#42

Toluene

Concen: 0.247 ug/L

RT: 7.968 min Scan# 2138

Delta R.T. 0.003 min

Lab File: VU053088.D

Acq: 13 Feb 2023 18:13

Instrument :

MSVOA_U

ClientSampleId :

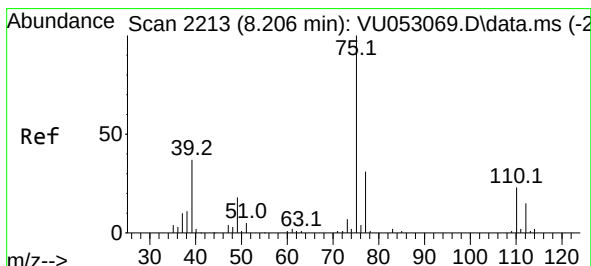
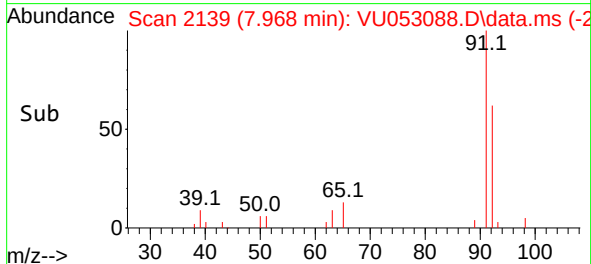
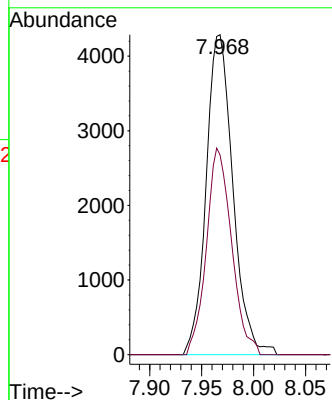
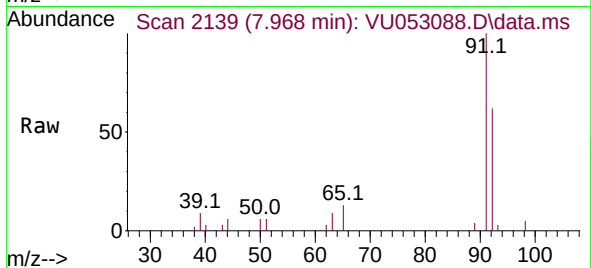
MDL-WATER-QT1-2023-02

Tgt Ion: 91 Resp: 7680

Ion Ratio Lower Upper

91 100

92 62.4 40.5 75.3



#44

trans-1,3-Dichloropropene

Concen: 0.285 ug/L

RT: 8.206 min Scan# 2213

Delta R.T. -0.000 min

Lab File: VU053088.D

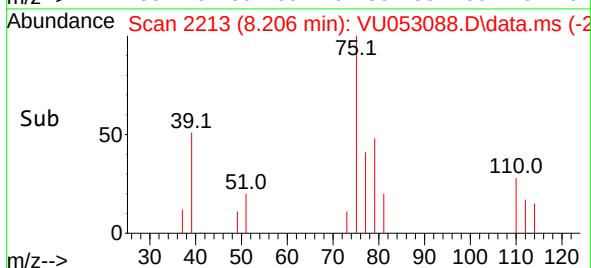
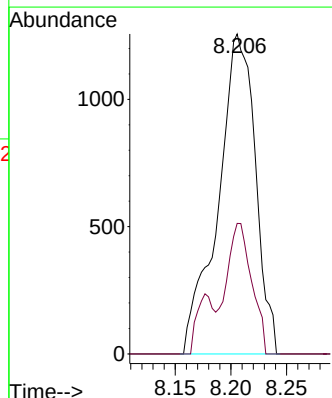
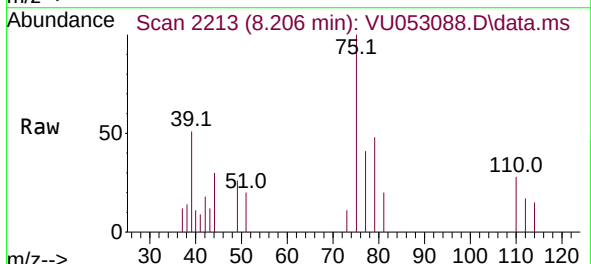
Acq: 13 Feb 2023 18:13

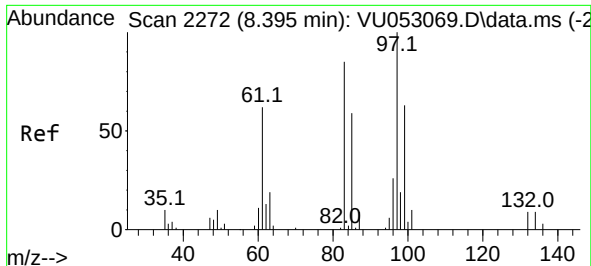
Tgt Ion: 75 Resp: 2927

Ion Ratio Lower Upper

75 100

77 40.8 22.3 41.3

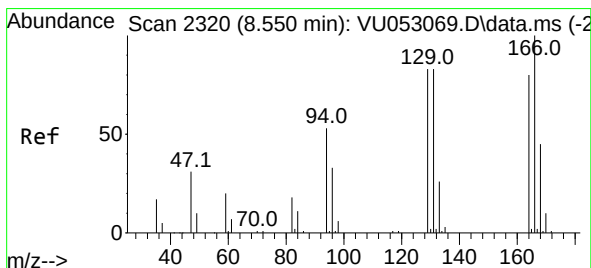
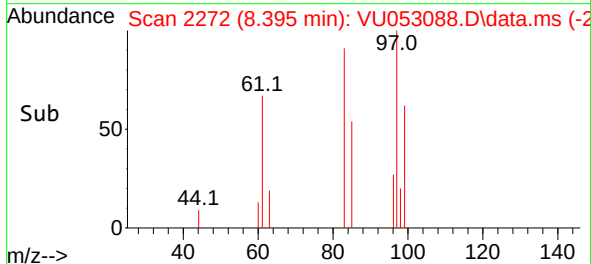
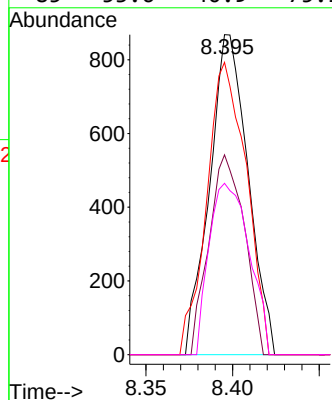
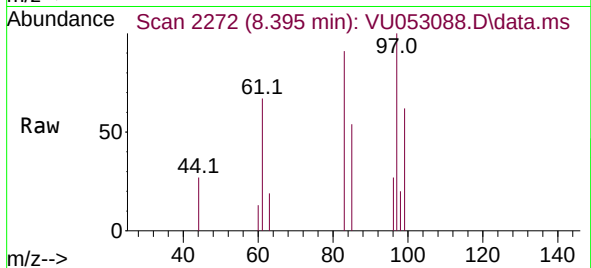




#45
1,1,2-Trichloroethane
Concen: 0.239 ug/L
RT: 8.395 min Scan# 2119
Delta R.T. -0.000 min
Lab File: VU053088.D
Acq: 13 Feb 2023 18:13

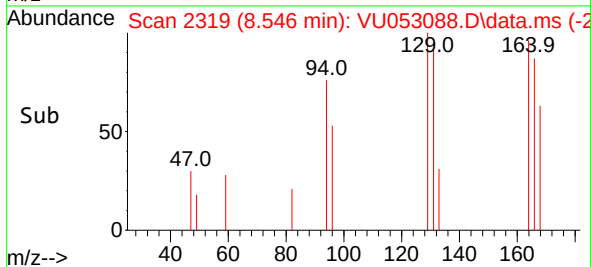
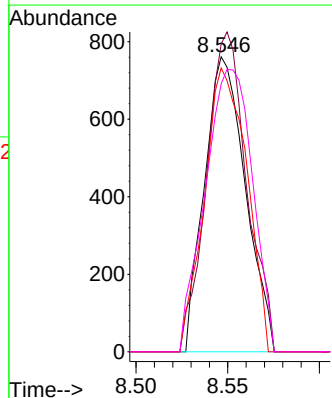
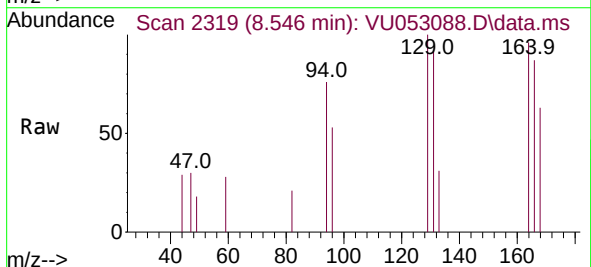
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT1-2023-02

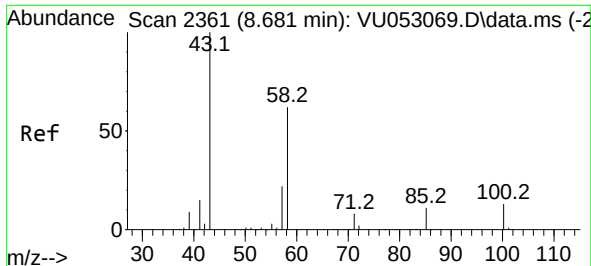
Tgt Ion: 97	Resp:	1344	
Ion	Ratio	Lower	Upper
97	100		
99	62.4	43.0	79.8
83	91.4	58.0	107.8
85	53.6	40.9	75.9



#47
Tetrachloroethene
Concen: 0.226 ug/L
RT: 8.546 min Scan# 2319
Delta R.T. -0.003 min
Lab File: VU053088.D
Acq: 13 Feb 2023 18:13

Tgt	Ion:164	Resp:	1184
Ion	Ratio	Lower	Upper
164	100		
129	104.3	71.7	133.1
131	96.2	67.8	126.0
166	90.8	86.4	160.4

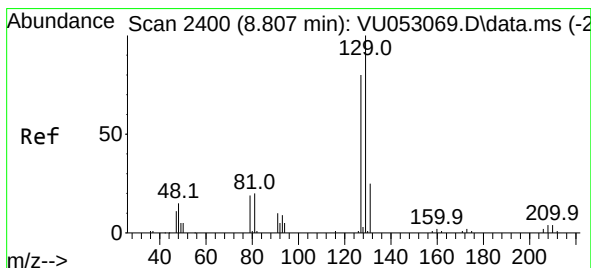
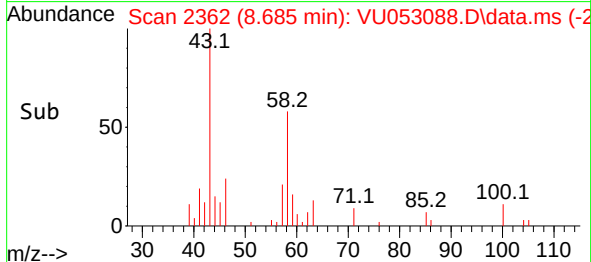
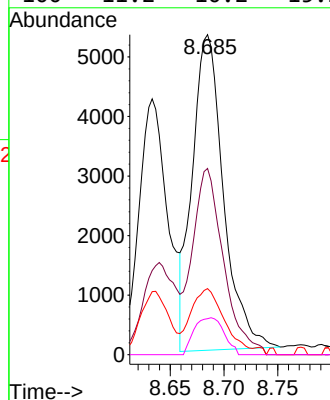
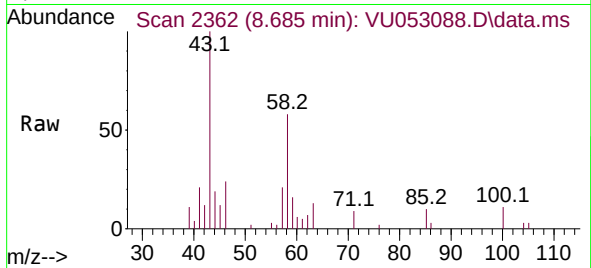




#48
2-Hexanone
Concen: 3.587 ug/L
RT: 8.685 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU053088.D
Acq: 13 Feb 2023 18:13

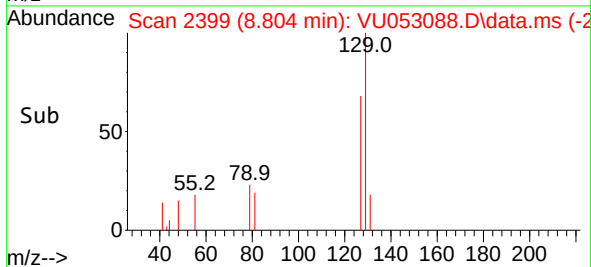
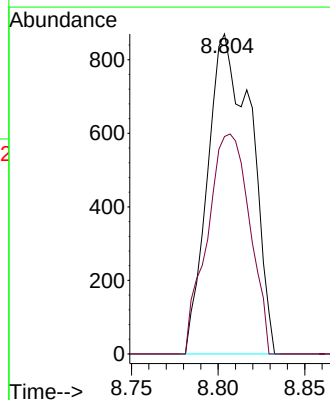
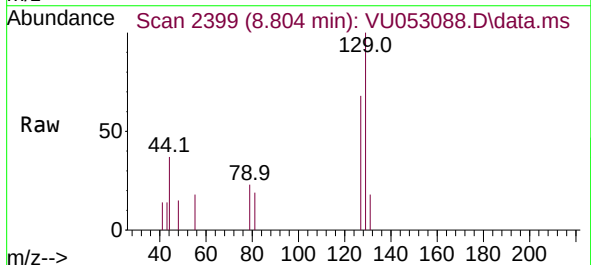
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT1-2023-02

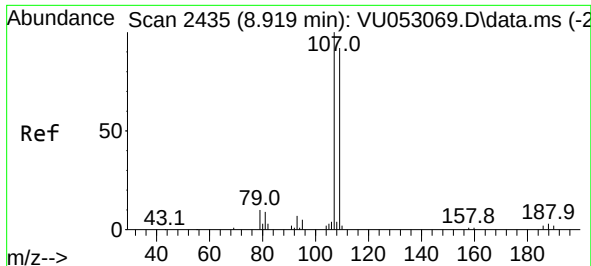
Tgt Ion: 43	Resp: 10719
Ion Ratio	Lower Upper
43 100	
58 59.0	50.3 75.5
57 22.6	17.4 26.0
100 11.2	10.2 15.2



#49
Dibromochloromethane
Concen: 0.248 ug/L
RT: 8.804 min Scan# 2399
Delta R.T. -0.003 min
Lab File: VU053088.D
Acq: 13 Feb 2023 18:13

Tgt Ion:129	Resp:	1518	
Ion	Ratio	Lower	Upper
129	100		
127	67.9	54.9	102.1





#50

1,2-Dibromoethane

Concen: 0.247 ug/L

RT: 8.923 min Scan# 2436

Delta R.T. 0.003 min

Lab File: VU053088.D

Acq: 13 Feb 2023 18:13

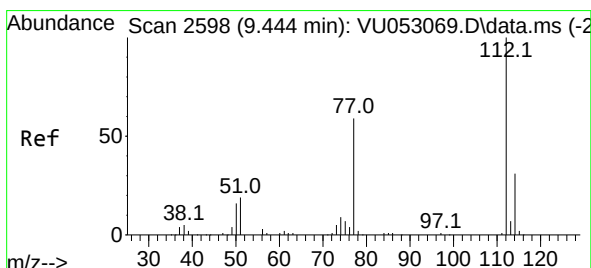
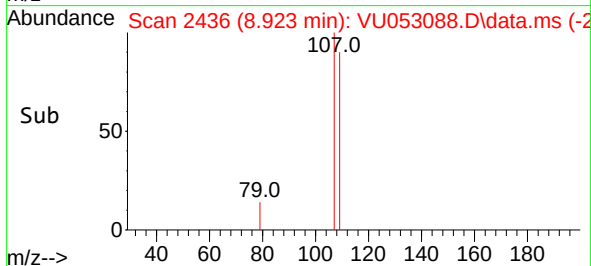
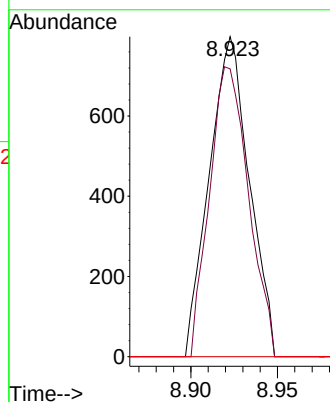
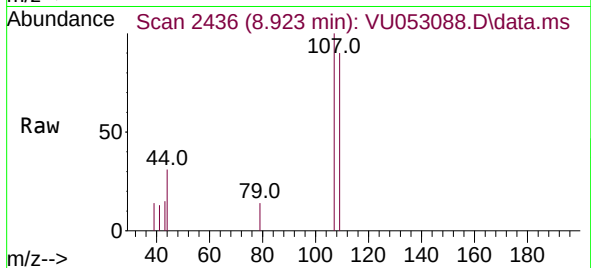
Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-QT1-2023-02

Tgt Ion:	107	Resp:	1282
Ion	Ratio	Lower	Upper
107	100		
109	90.0	63.1	117.1
188	0.0	2.5	3.7#



#51

Chlorobenzene

Concen: 0.245 ug/L

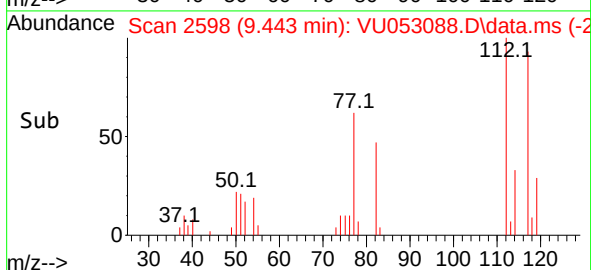
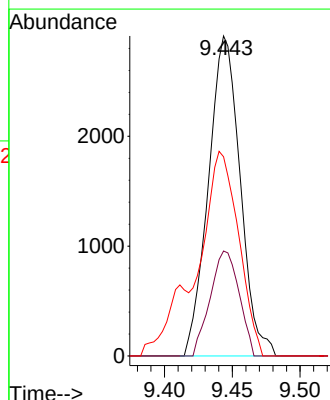
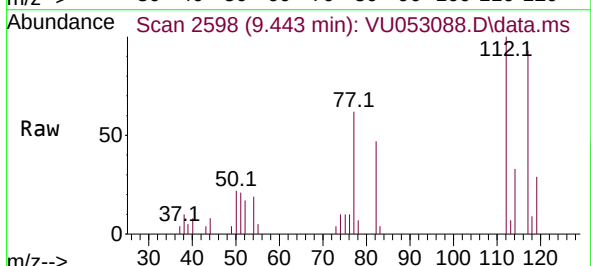
RT: 9.443 min Scan# 2598

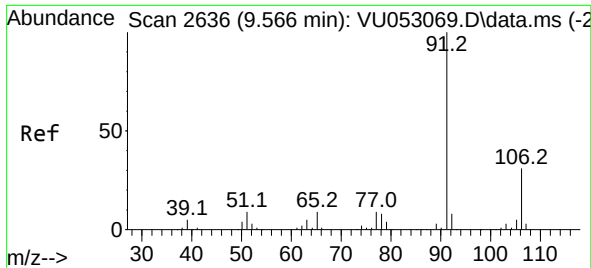
Delta R.T. -0.000 min

Lab File: VU053088.D

Acq: 13 Feb 2023 18:13

Tgt Ion:	112	Resp:	4748
Ion	Ratio	Lower	Upper
112	100		
114	32.8	22.3	41.3
77	62.3	48.9	73.3

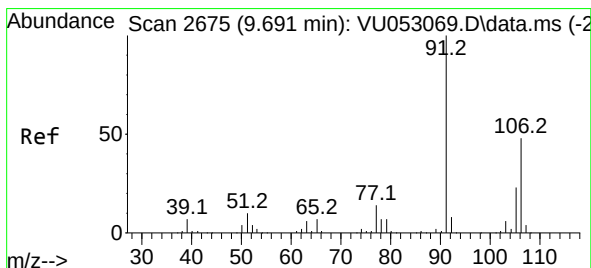
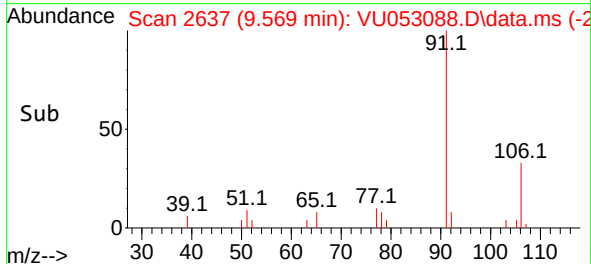
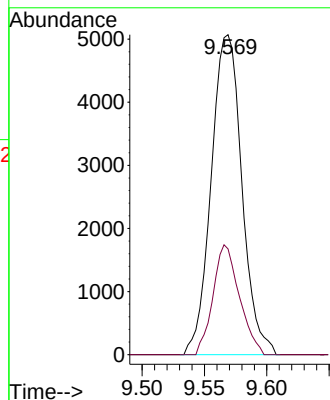
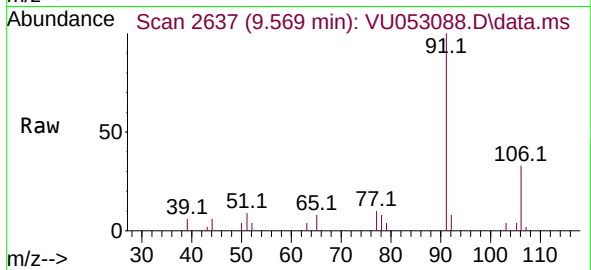




#52
Ethylbenzene
Concen: 0.246 ug/L
RT: 9.569 min Scan# 2636
Delta R.T. 0.003 min
Lab File: VU053088.D
Acq: 13 Feb 2023 18:13

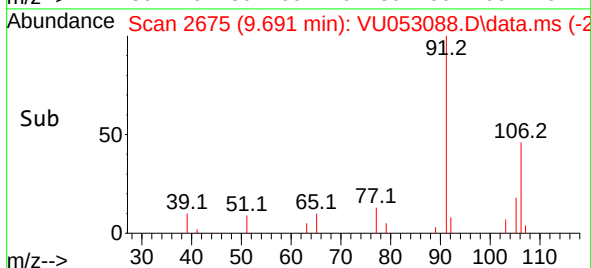
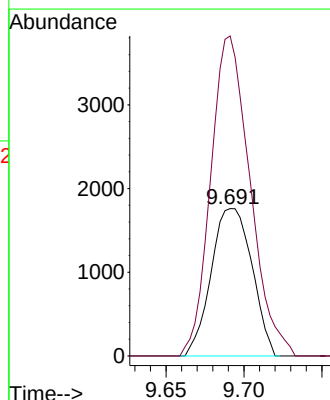
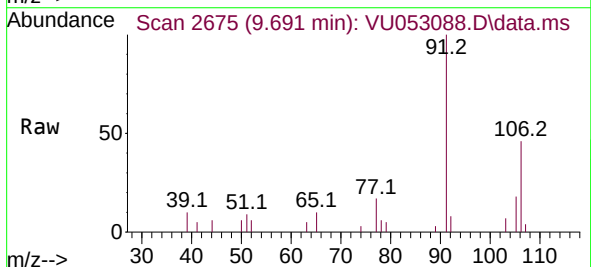
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT1-2023-02

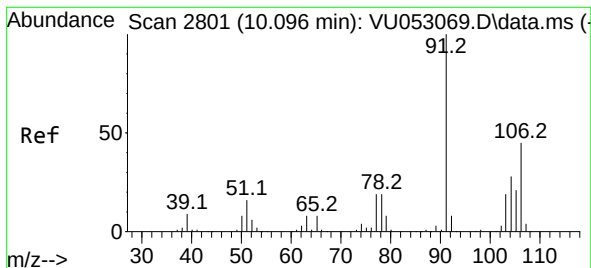
Tgt Ion: 91 Resp: 8690
Ion Ratio Lower Upper
91 100
106 33.0 21.4 39.8



#53
m,p-Xylene
Concen: 0.243 ug/L
RT: 9.691 min Scan# 2675
Delta R.T. -0.000 min
Lab File: VU053088.D
Acq: 13 Feb 2023 18:13

Tgt Ion: 106 Resp: 3210
Ion Ratio Lower Upper
106 100
91 217.2 149.9 278.3





#54

o-Xylene

Concen: 0.230 ug/L

RT: 10.096 min Scan# 2801

Delta R.T. -0.000 min

Lab File: VU053088.D

Acq: 13 Feb 2023 18:13

Instrument :

MSVOA_U

ClientSampleId :

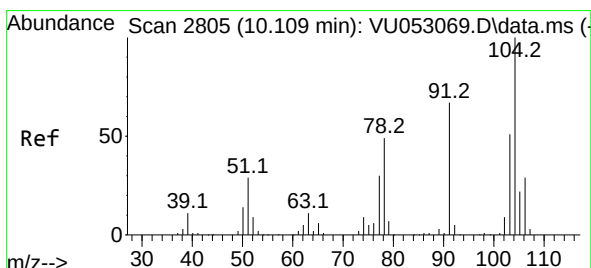
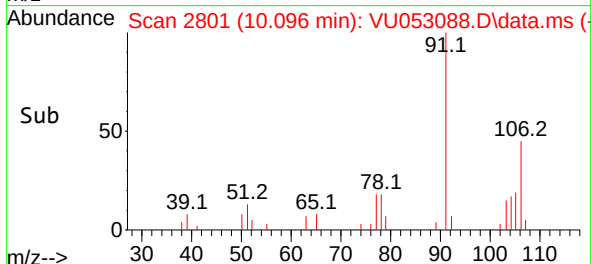
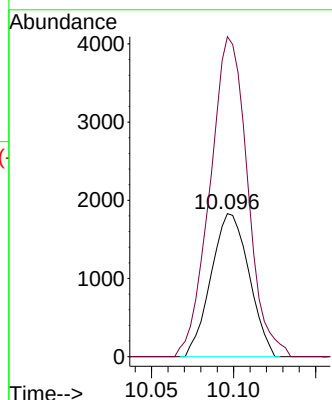
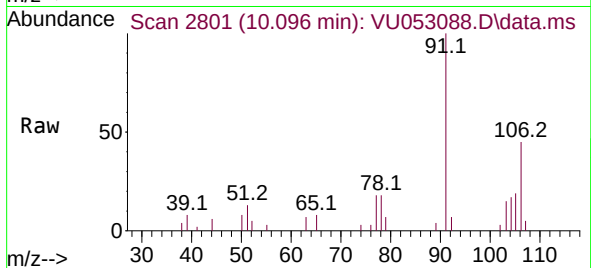
MDL-WATER-QT1-2023-02

Tgt Ion:106 Resp: 2942

Ion Ratio Lower Upper

106 100

91 223.7 153.6 285.2



#55

Styrene

Concen: 0.225 ug/L

RT: 10.112 min Scan# 2806

Delta R.T. 0.003 min

Lab File: VU053088.D

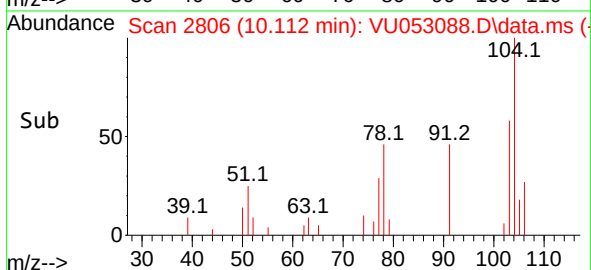
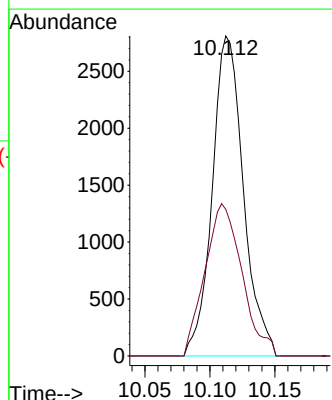
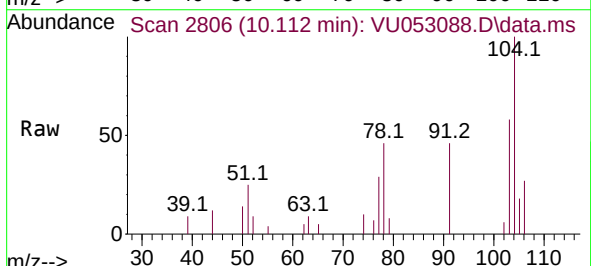
Acq: 13 Feb 2023 18:13

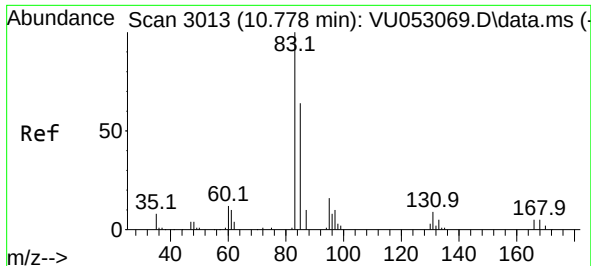
Tgt Ion:104 Resp: 4678

Ion Ratio Lower Upper

104 100

78 45.8 34.3 63.7





#57

1,1,2,2-Tetrachloroethane

Concen: 0.257 ug/L

RT: 10.778 min Scan# 3013

Delta R.T. -0.000 min

Lab File: VU053088.D

Acq: 13 Feb 2023 18:13

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-QT1-2023-02

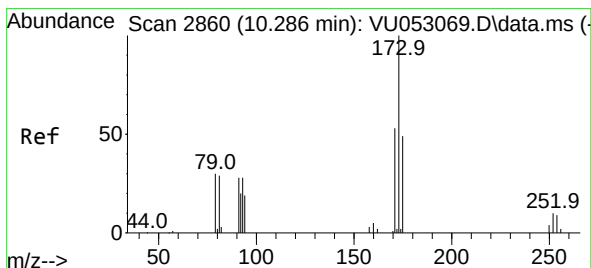
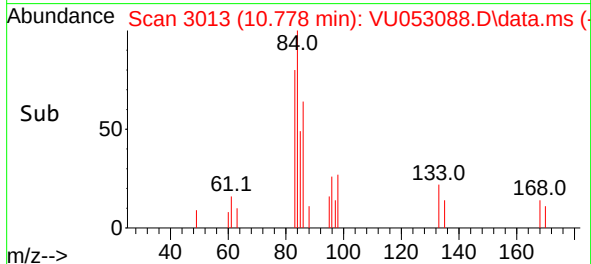
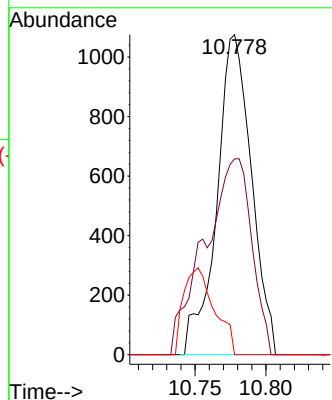
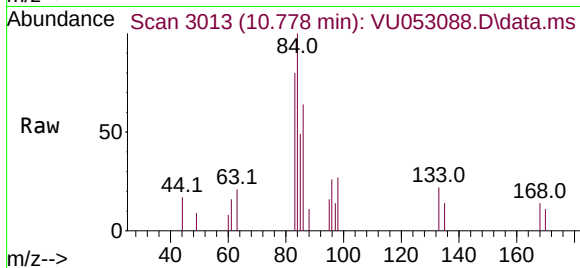
Tgt Ion: 83 Resp: 1826

Ion Ratio Lower Upper

83 100

85 61.2 44.7 82.9

131 0.0 7.8 11.6#



#59

Bromoform

Concen: 0.211 ug/L

RT: 10.289 min Scan# 2861

Delta R.T. 0.003 min

Lab File: VU053088.D

Acq: 13 Feb 2023 18:13

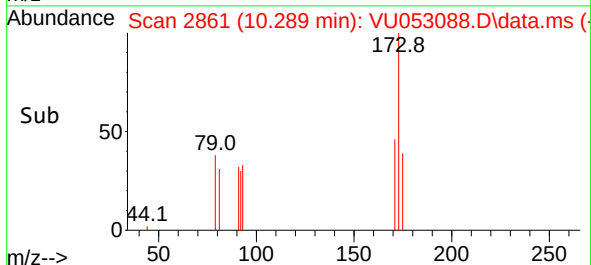
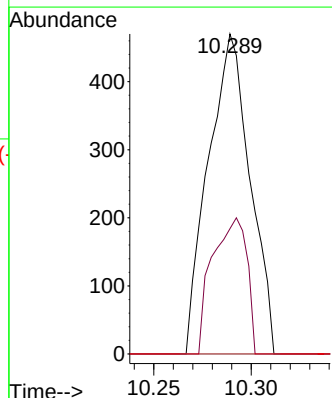
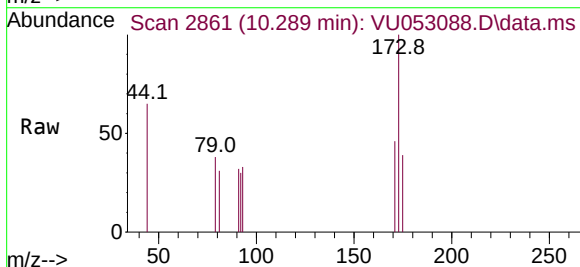
Tgt Ion:173 Resp: 699

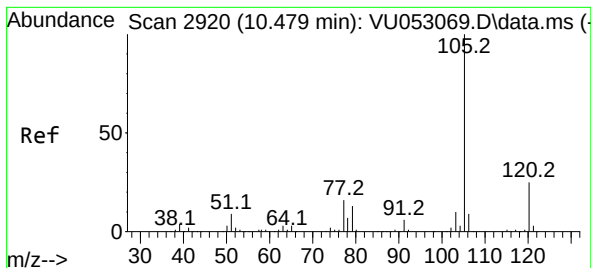
Ion Ratio Lower Upper

173 100

175 35.2 38.9 58.3#

254 0.0 7.0 10.4#





#60

Isopropylbenzene

Concen: 0.238 ug/L

RT: 10.482 min Scan# 2920

Delta R.T. 0.003 min

Lab File: VU053088.D

Acq: 13 Feb 2023 18:13

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-QT1-2023-02

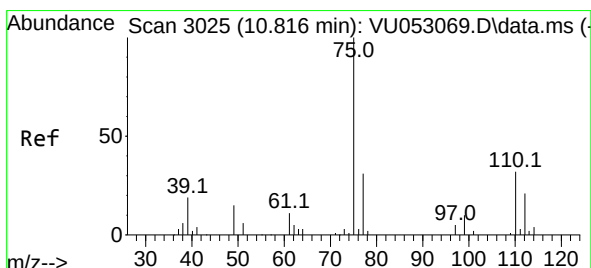
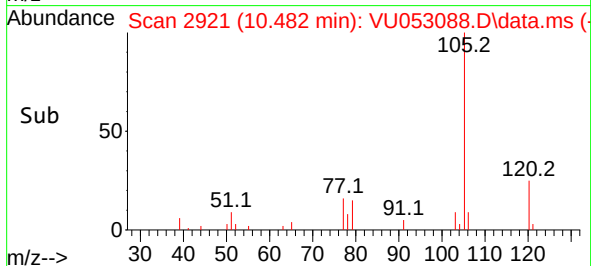
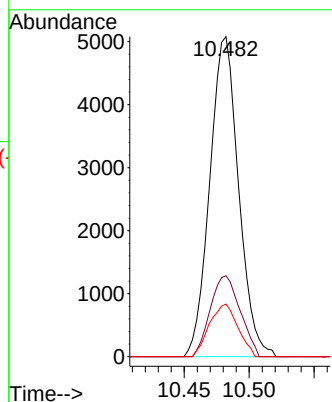
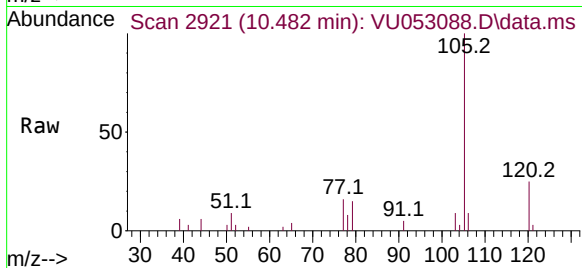
Tgt Ion:105 Resp: 7832

Ion Ratio Lower Upper

105 100

120 26.2 20.6 31.0

77 16.2 13.0 19.6



#61

1,2,3-Trichloropropane

Concen: 0.247 ug/L

RT: 10.820 min Scan# 3026

Delta R.T. 0.003 min

Lab File: VU053088.D

Acq: 13 Feb 2023 18:13

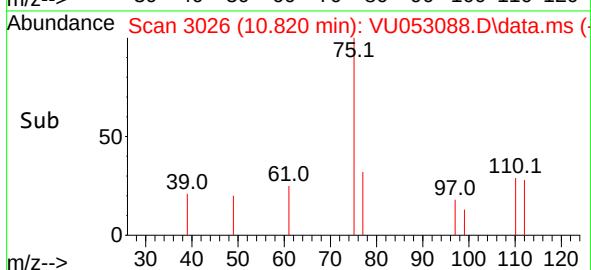
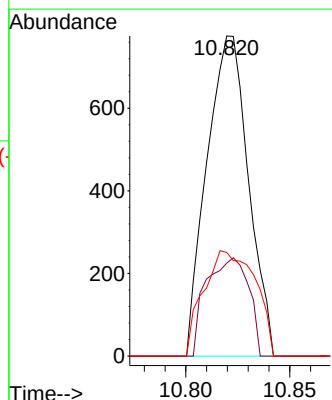
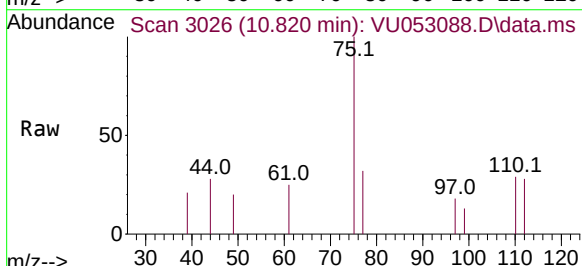
Tgt Ion: 75 Resp: 1078

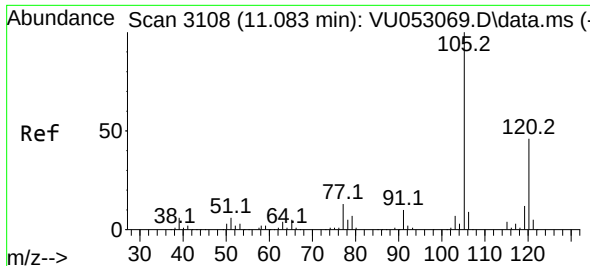
Ion Ratio Lower Upper

75 100

110 31.3 28.6 42.8

77 40.8 27.6 41.4





#62

1,3,5-Trimethylbenzene

Concen: 0.235 ug/L

RT: 11.083 min Scan# 3108

Delta R.T. -0.000 min

Lab File: VU053088.D

Acq: 13 Feb 2023 18:13

Instrument :

MSVOA_U

ClientSampleId :

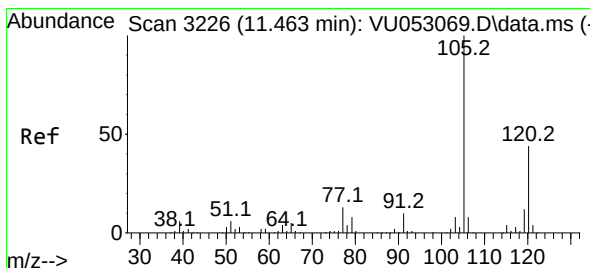
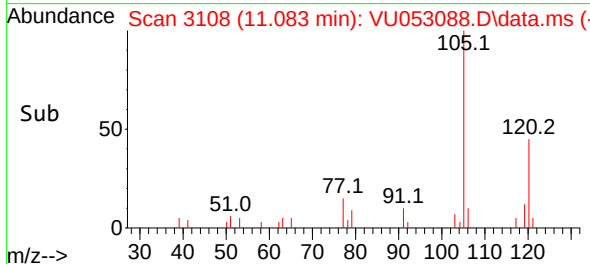
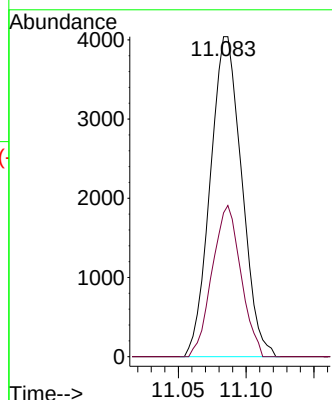
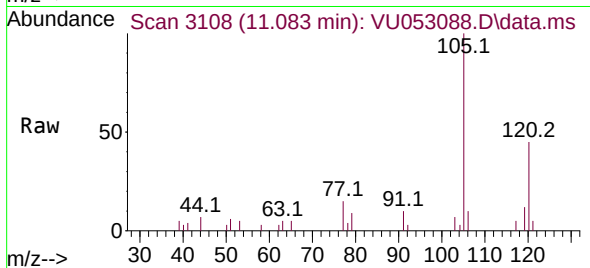
MDL-WATER-QT1-2023-02

Tgt Ion:105 Resp: 6520

Ion Ratio Lower Upper

105 100

120 43.2 37.0 55.6



#63

1,2,4-Trimethylbenzene

Concen: 0.220 ug/L

RT: 11.466 min Scan# 3227

Delta R.T. 0.003 min

Lab File: VU053088.D

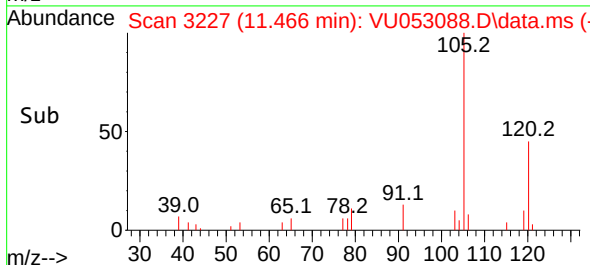
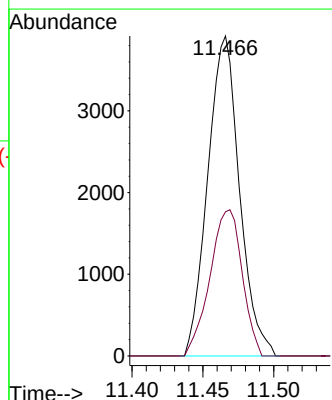
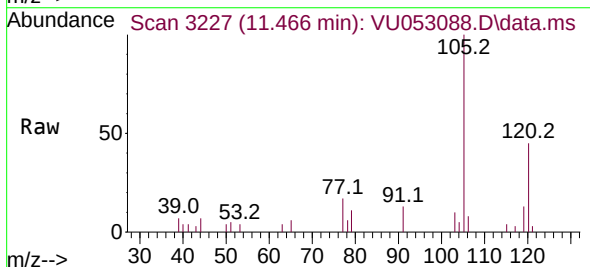
Acq: 13 Feb 2023 18:13

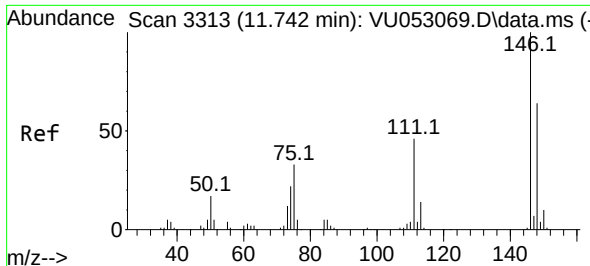
Tgt Ion:105 Resp: 6109

Ion Ratio Lower Upper

105 100

120 46.3 34.7 52.1

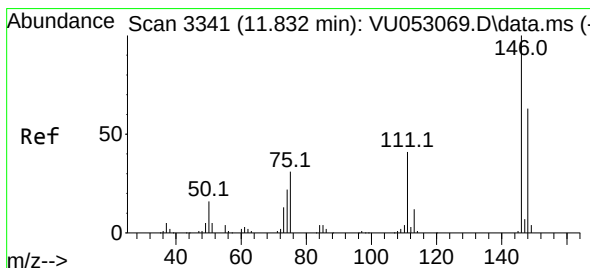
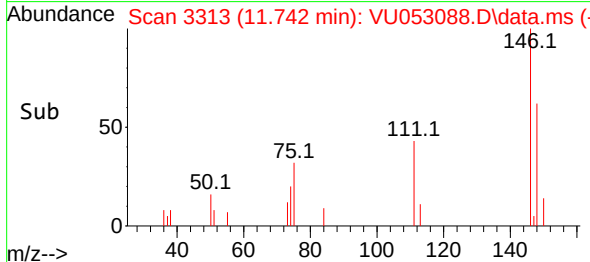
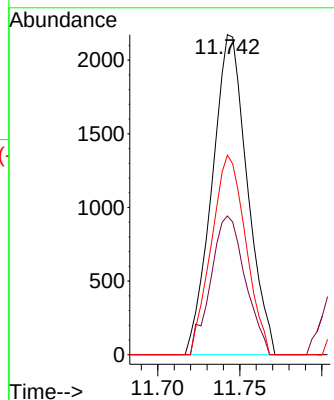
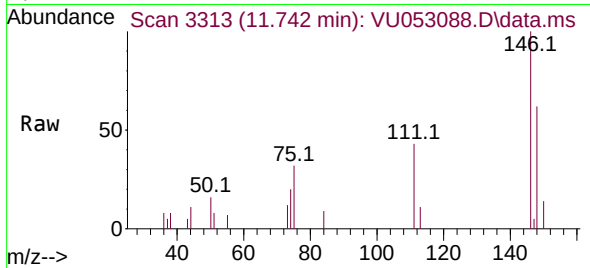




#64
1,3-Dichlorobenzene
Concen: 0.243 ug/L
RT: 11.742 min Scan# 3313
Delta R.T. -0.000 min
Lab File: VU053088.D
Acq: 13 Feb 2023 18:13

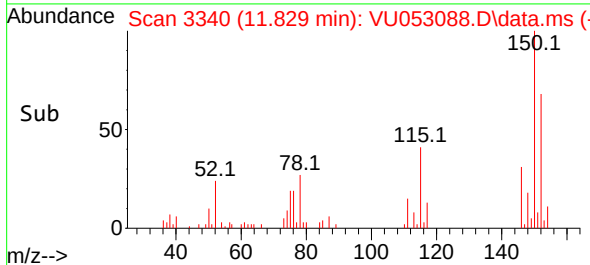
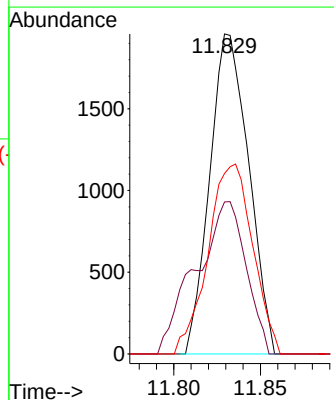
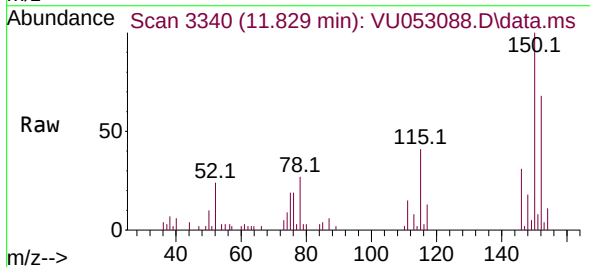
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT1-2023-02

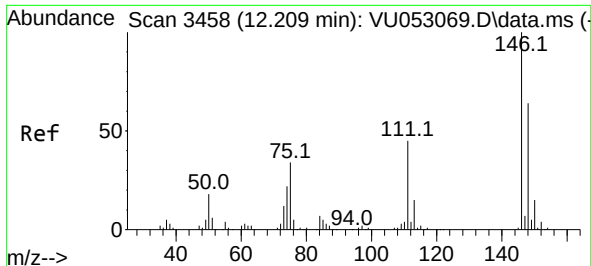
Tgt Ion:146	Resp:	3234	
Ion	Ratio	Lower	Upper
146	100		
111	43.4	32.0	59.4
148	62.4	45.3	84.1



#65
1,4-Dichlorobenzene
Concen: 0.229 ug/L
RT: 11.829 min Scan# 3340
Delta R.T. -0.003 min
Lab File: VU053088.D
Acq: 13 Feb 2023 18:13

Tgt Ion:146	Resp:	3061	
Ion	Ratio	Lower	Upper
146	100		
111	47.5	30.3	56.3
148	56.4	44.7	82.9





#67

1,2-Dichlorobenzene

Concen: 0.232 ug/L

RT: 12.209 min Scan# 3458

Delta R.T. -0.000 min

Lab File: VU053088.D

Acq: 13 Feb 2023 18:13

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-QT1-2023-02

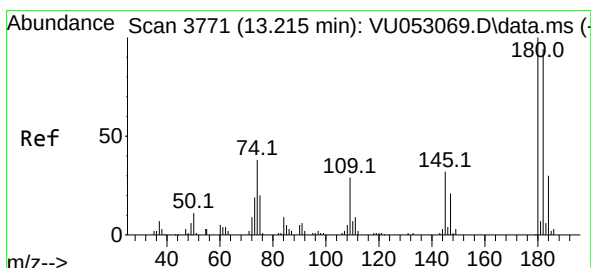
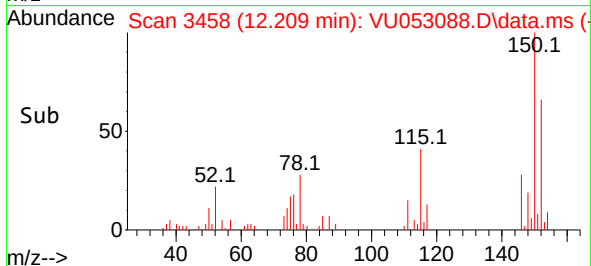
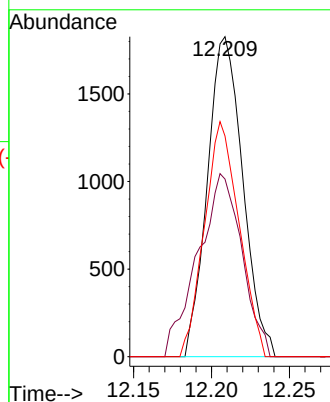
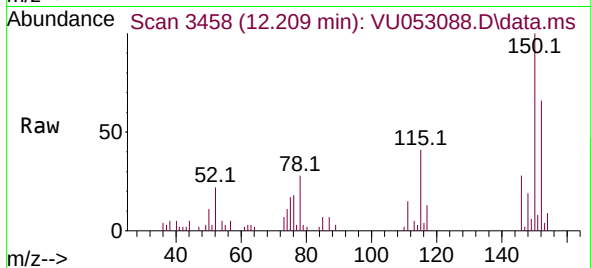
Tgt Ion:146 Resp: 2883

Ion Ratio Lower Upper

146 100

111 55.5 36.3 54.5#

148 69.0 51.3 76.9



#69

1,3,5-Trichlorobenzene

Concen: 0.195 ug/L

RT: 13.221 min Scan# 3773

Delta R.T. 0.006 min

Lab File: VU053088.D

Acq: 13 Feb 2023 18:13

Tgt Ion:180 Resp: 1853

Ion Ratio Lower Upper

180 100

182 100.5 75.4 113.0

184 29.3 23.8 35.6

145 33.5 25.2 37.8

