

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW101122\
 Data File : VW028514.D
 Acq On : 11 Oct 2022 11:30
 Operator : SY/MD
 Sample : N4519-02
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL-WATER-QT4-2022-08

Quant Time: Oct 12 00:27:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100722WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 12 00:26:27 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	293771	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	264213	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	135074	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	104804	46.235	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.480%
7) Chloroethane-d5	1.564	69	79200	44.065	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.120%
11) 1,1-Dichloroethene-d2	2.101	63	138986	36.027	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.060%
21) 2-Butanone-d5	3.889	46	136429	68.754	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	68.750%
24) Chloroform-d	4.343	84	206979	49.787	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.580%
26) 1,2-Dichloroethane-d4	5.027	65	143914	53.676	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.360%
32) Benzene-d6	5.043	84	433137	51.160	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.320%
36) 1,2-Dichloropropane-d6	6.063	67	132388	47.960	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.920%
41) Toluene-d8	7.310	98	395468	52.173	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.340%
43) trans-1,3-Dichloroprop...	7.616	79	68547	48.720	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.440%
47) 2-Hexanone-d5	8.085	63	133579	88.959	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.960%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	169515	44.877	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.760%
66) 1,2-Dichlorobenzene-d4	11.616	152	144181	51.515	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.020%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	4650	2.102	ug/L	98
3) Chloromethane	1.240	50	4788	1.923	ug/L	96
5) Vinyl chloride	1.307	62	4738	1.896	ug/L #	12
6) Bromomethane	1.519	94	2172	1.906	ug/L	91
8) Chloroethane	1.584	64	2324	1.532	ug/L #	71
9) Trichlorofluoromethane	1.751	101	6796	2.201	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	4829	2.759	ug/L #	84
12) 1,1-Dichloroethene	2.111	96	4034	2.348	ug/L #	1
14) Carbon disulfide	2.288	76	11273	2.051	ug/L	96
15) Methyl Acetate	2.436	43	3428	1.321	ug/L #	85
17) trans-1,2-Dichloroethene	2.757	96	4252	2.122	ug/L	96
18) Methyl tert-butyl Ether	2.767	73	15569	2.113	ug/L	98
19) 1,1-Dichloroethane	3.191	63	8390	2.049	ug/L	97
20) cis-1,2-Dichloroethene	3.908	96	4880	2.137	ug/L	96
23) Bromochloromethane	4.256	128	2312	2.084	ug/L	78
27) 1,2-Dichloroethane	5.133	62	6322	2.064	ug/L	96
29) Cyclohexane	4.674	56	7249	1.907	ug/L	90
30) 1,1,1-Trichloroethane	4.603	97	8200	2.402	ug/L	95
31) Carbon tetrachloride	4.828	117	6968	2.439	ug/L	93

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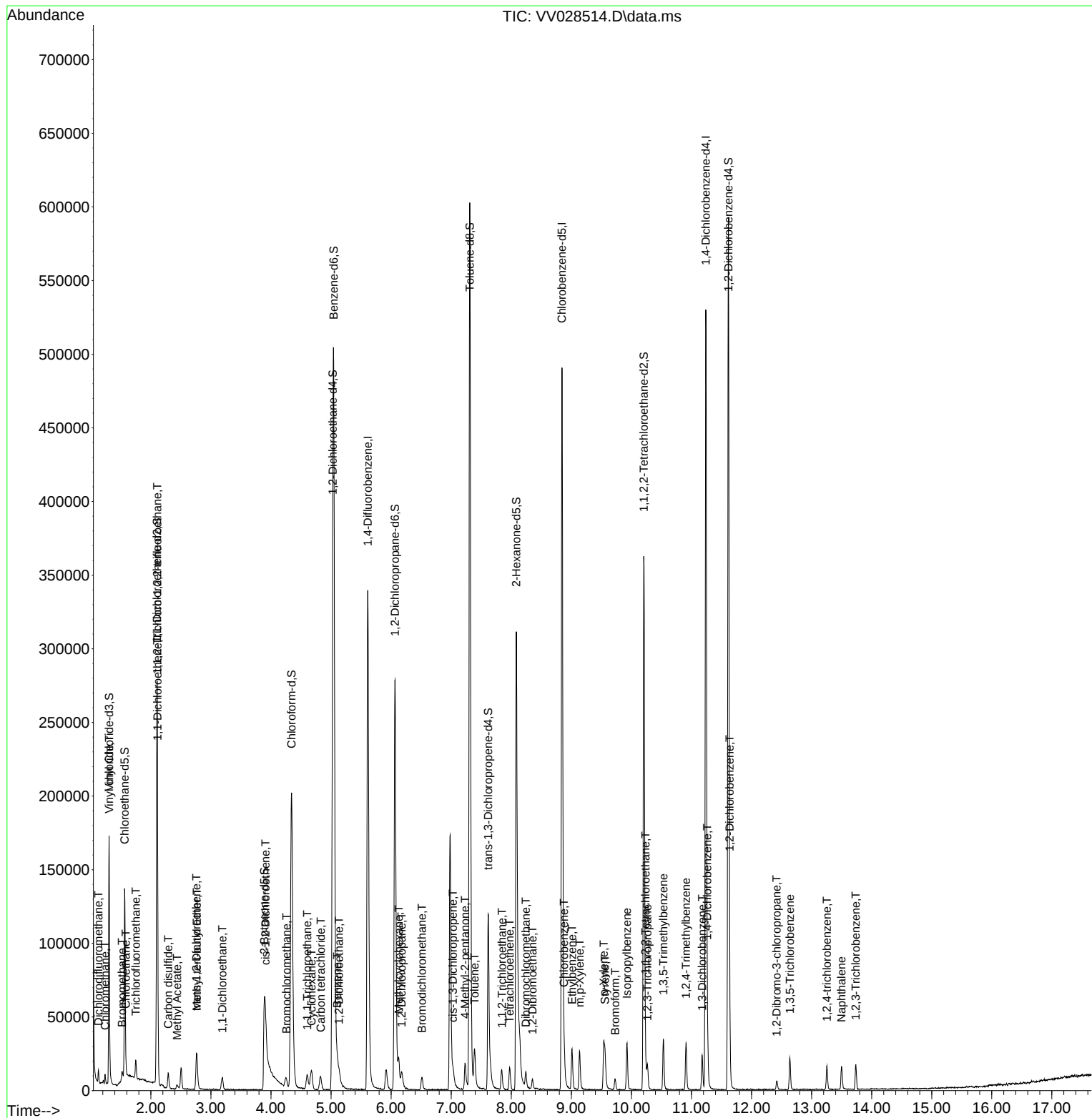
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) Benzene	5.101	78	17028	1.960	ug/L	100
35) Methylcyclohexane	6.127	83	7501	2.001	ug/L	99
37) 1,2-Dichloropropane	6.175	63	3776	1.621	ug/L #	96
38) Bromodichloromethane	6.513	83	6882	2.267	ug/L	94
39) cis-1,3-Dichloropropene	7.031	75	7731	2.086	ug/L	97
40) 4-Methyl-2-pentanone	7.230	43	13187	3.319	ug/L	96
42) Toluene	7.391	91	18708	2.089	ug/L	92
45) 1,1,2-Trichloroethane	7.847	97	4265	1.977	ug/L	88
46) Tetrachloroethene	7.973	164	3268	2.110	ug/L	91
49) Dibromochloromethane	8.243	129	4491	1.936	ug/L	93
50) 1,2-Dibromoethane	8.352	107	4366	1.954	ug/L #	94
51) Chlorobenzene	8.879	112	12321	2.192	ug/L	92
52) Ethylbenzene	9.011	91	20528	2.103	ug/L	95
53) m,p-Xylene	9.140	106	7570	2.046	ug/L	95
54) o-Xylene	9.542	106	7878	2.126	ug/L	100
55) Styrene	9.561	104	13038	2.049	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.233	83	7565	2.047	ug/L #	92
59) Bromoform	9.731	173	3345	2.000	ug/L #	98
60) Isopropylbenzene	9.928	105	20444	2.100	ug/L	97
61) 1,2,3-Trichloropropane	10.268	75	6357	2.211	ug/L	97
62) 1,3,5-Trimethylbenzene	10.532	105	18093	2.146	ug/L	99
63) 1,2,4-Trimethylbenzene	10.908	105	17552	2.098	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	9360	2.199	ug/L	97
65) 1,4-Dichlorobenzene	11.265	146	9762	2.298	ug/L	96
67) 1,2-Dichlorobenzene	11.635	146	9239	2.150	ug/L	93
68) 1,2-Dibromo-3-chloropr...	12.419	75	1761	2.001	ug/L #	83
69) 1,3,5-Trichlorobenzene	12.638	180	6844	2.117	ug/L	97
70) 1,2,4-trichlorobenzene	13.255	180	4816	1.690	ug/L	96
71) Naphthalene	13.496	128	12809	1.445	ug/L	97
72) 1,2,3-Trichlorobenzene	13.738	180	4848	1.745	ug/L	93

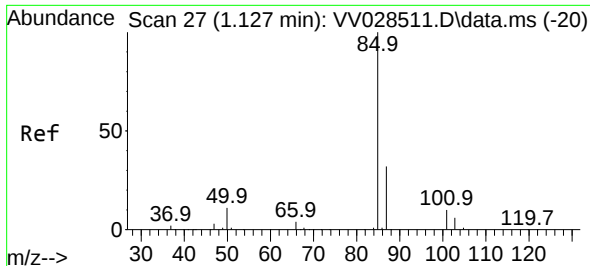
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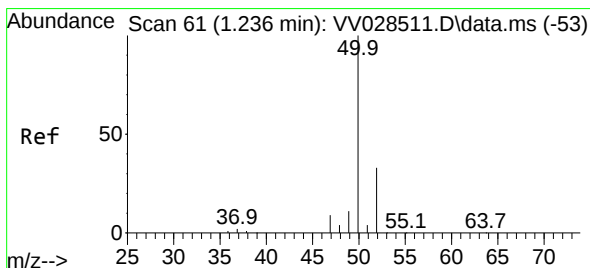
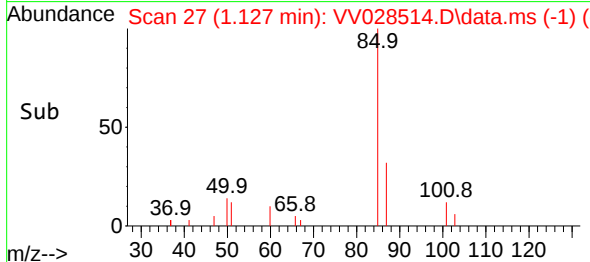
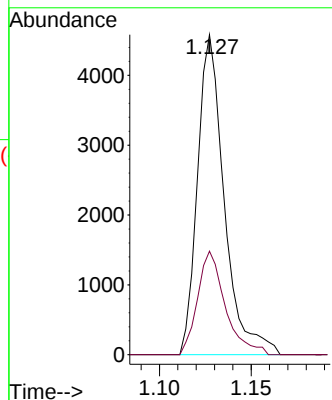
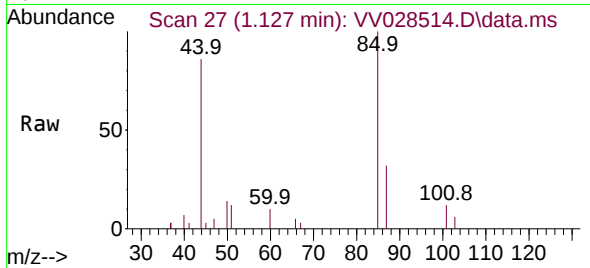




#2
 Dichlorodifluoromethane
 Concen: 2.102 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV028514.D
 Acq: 11 Oct 2022 11:30

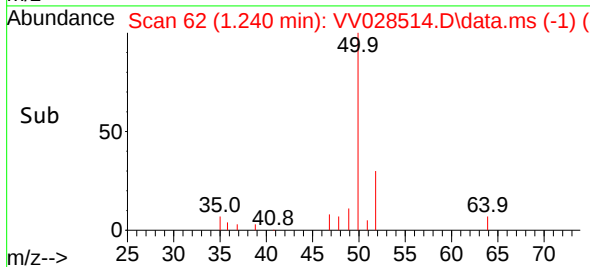
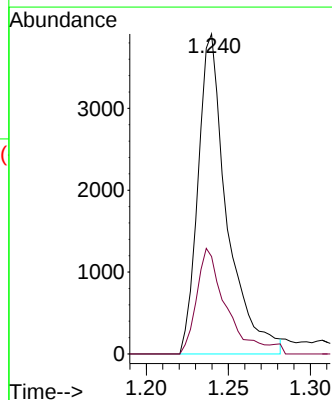
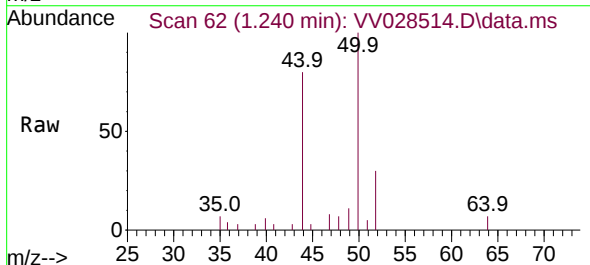
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL-WATER-QT4-2022-08

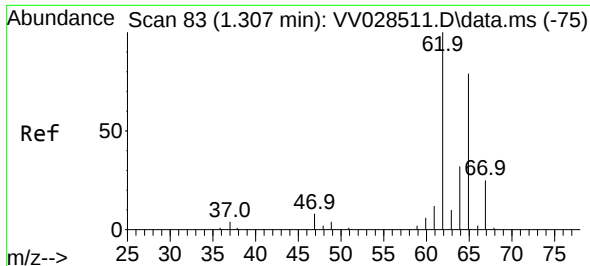
Tgt Ion: 85 Resp: 4650
 Ion Ratio Lower Upper
 85 100
 87 33.6 25.9 38.9



#3
 Chloromethane
 Concen: 1.923 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.003 min
 Lab File: VV028514.D
 Acq: 11 Oct 2022 11:30

Tgt Ion: 50 Resp: 4788
 Ion Ratio Lower Upper
 50 100
 52 30.5 22.7 42.3

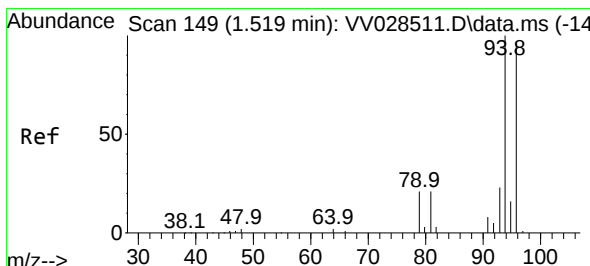
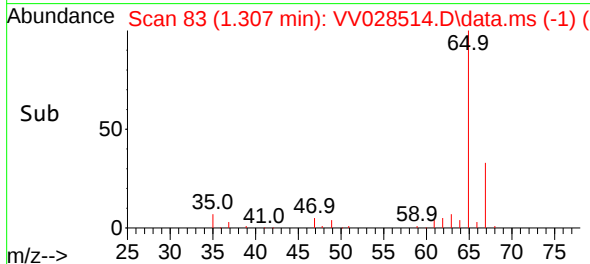
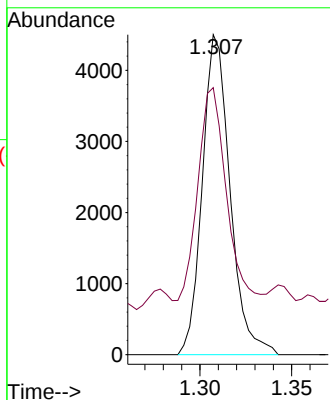
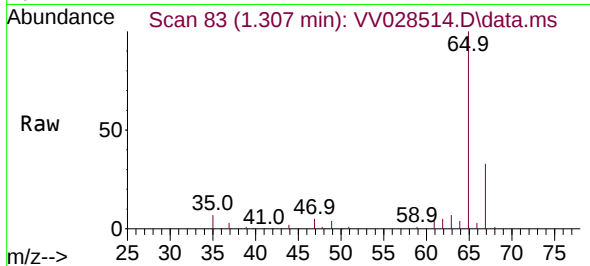




#5
 Vinyl chloride
 Concen: 1.896 ug/L
 RT: 1.307 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VV028514.D
 Acq: 11 Oct 2022 11:30

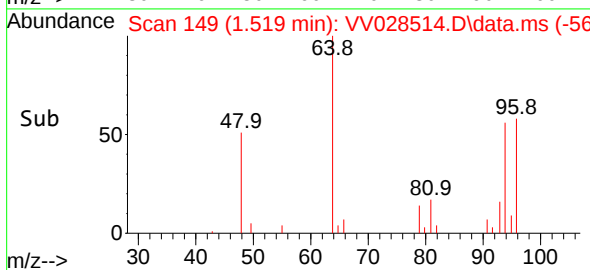
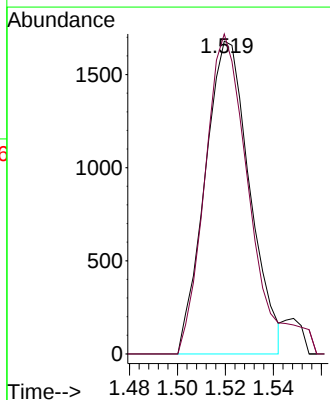
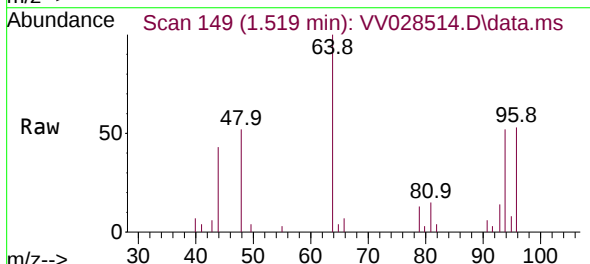
Instrument :
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 ClientSampleId :
 MDL-WATER-QT4-2022-08

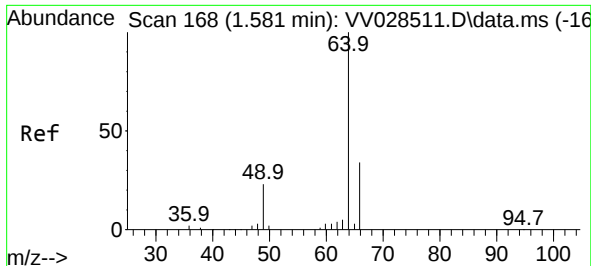
Tgt Ion: 62 Resp: 4738
 Ion Ratio Lower Upper
 62 100
 64 83.5 23.3 43.3#



#6
 Bromomethane
 Concen: 1.906 ug/L
 RT: 1.519 min Scan# 149
 Delta R.T. 0.000 min
 Lab File: VV028514.D
 Acq: 11 Oct 2022 11:30

Tgt Ion: 94 Resp: 2172
 Ion Ratio Lower Upper
 94 100
 96 102.3 65.5 121.6





#8

Chloroethane

Concen: 1.532 ug/L

RT: 1.584 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV028514.D

Acq: 11 Oct 2022 11:30

Instrument :

MSVOA_V

ClientSampleId :

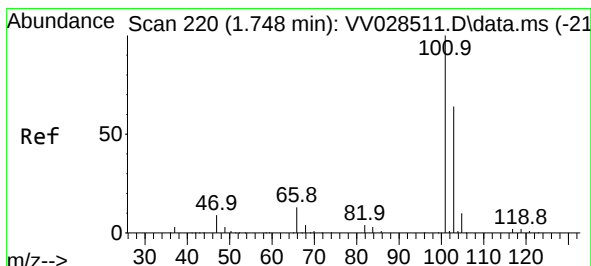
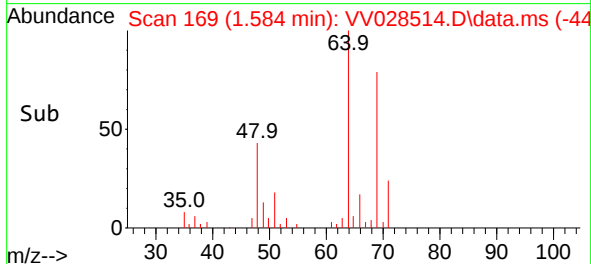
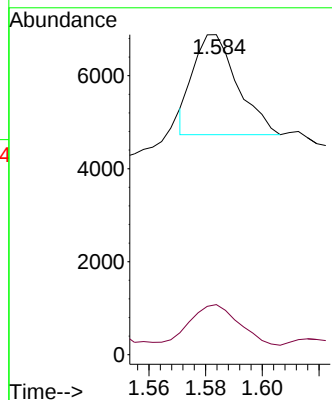
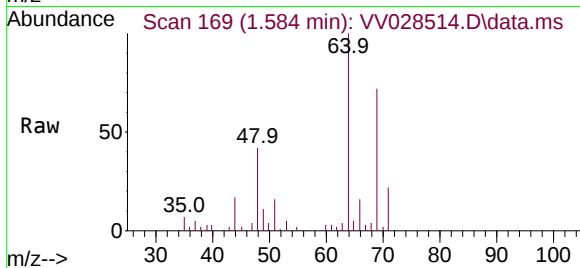
MDL-WATER-QT4-2022-08

Tgt Ion: 64 Resp: 2324

Ion Ratio Lower Upper

64 100

66 15.7 22.2 41.2#



#9

Trichlorofluoromethane

Concen: 2.201 ug/L

RT: 1.751 min Scan# 221

Delta R.T. 0.003 min

Lab File: VV028514.D

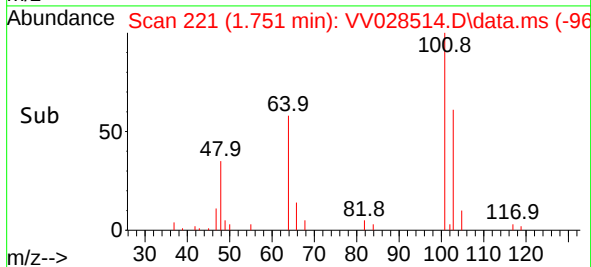
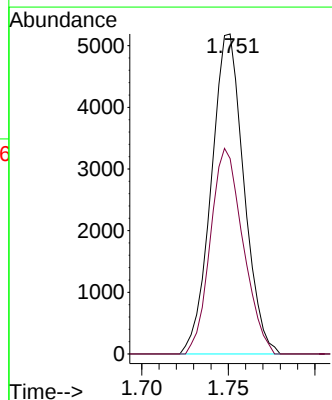
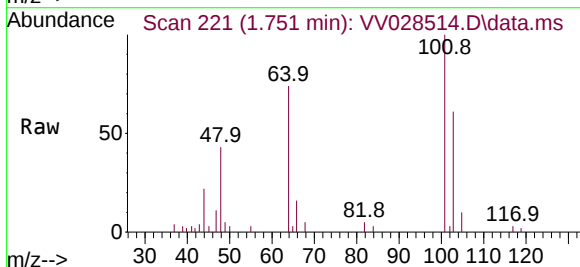
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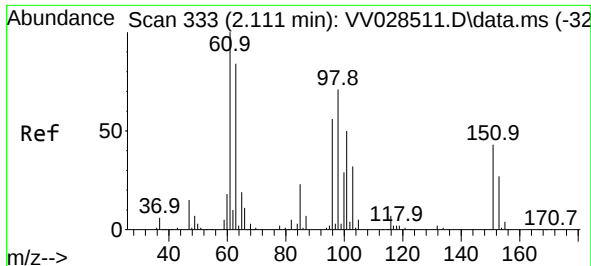
Tgt Ion:101 Resp: 6796

Ion Ratio Lower Upper

101 100

103 64.3 50.7 76.1

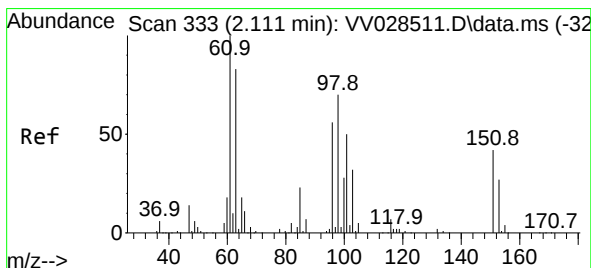
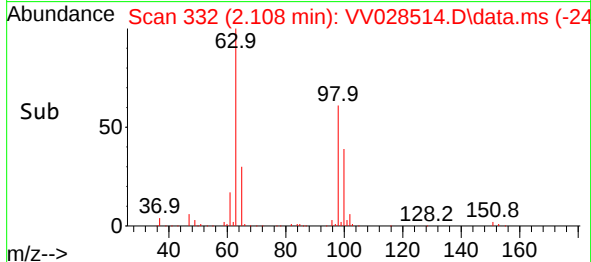
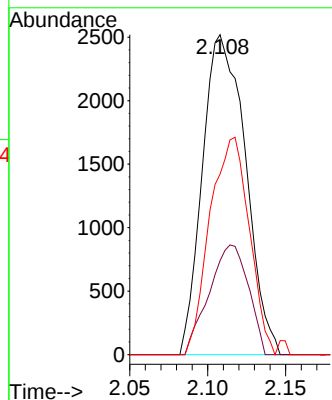
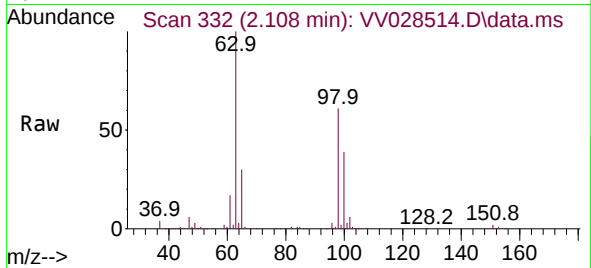




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 2.759 ug/L
RT: 2.108 min Scan# 311
Delta R.T. -0.003 min
Lab File: VV028514.D
Acq: 11 Oct 2022 11:30

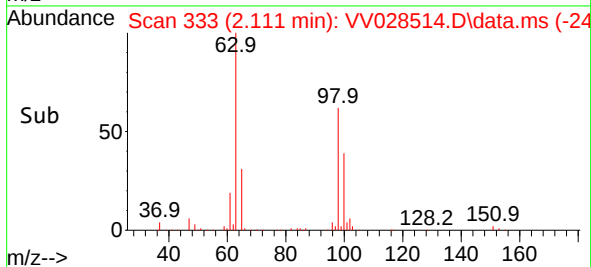
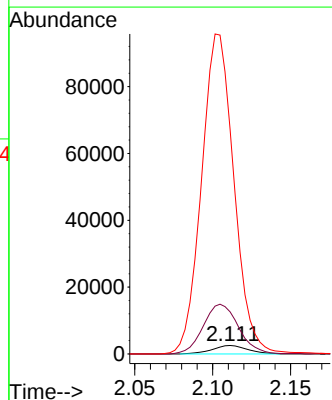
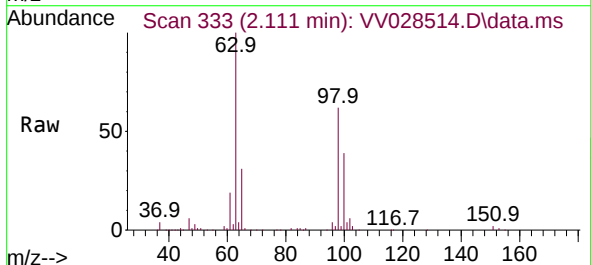
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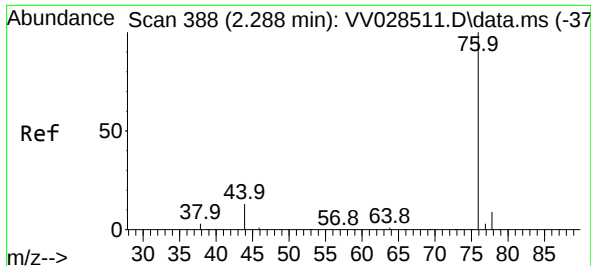
Tgt Ion:101 Resp: 4829
Ion Ratio Lower Upper
101 100
85 31.4 34.9 52.3#
151 62.2 59.2 88.8



#12
1,1-Dichloroethene
Concen: 2.348 ug/L
RT: 2.111 min Scan# 333
Delta R.T. 0.000 min
Lab File: VV028514.D
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Tgt Ion: 96 Resp: 4034
Ion Ratio Lower Upper
96 100
61 495.4 125.6 233.2#
63 2640.9 100.0 185.6#

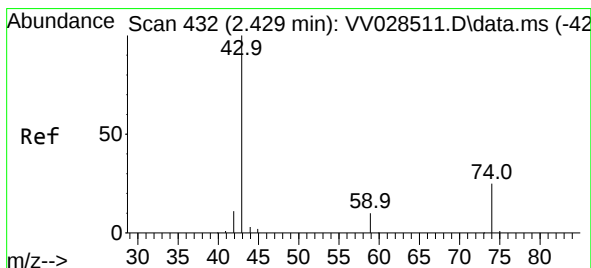
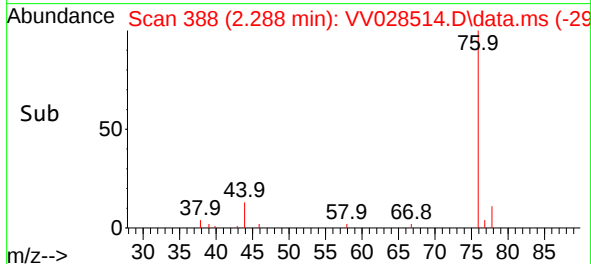
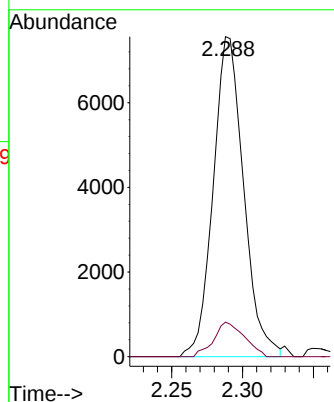
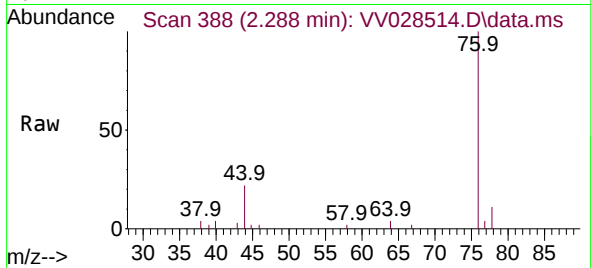




#14
Carbon disulfide
Concen: 2.051 ug/L
RT: 2.288 min Scan# 388
Delta R.T. 0.000 min
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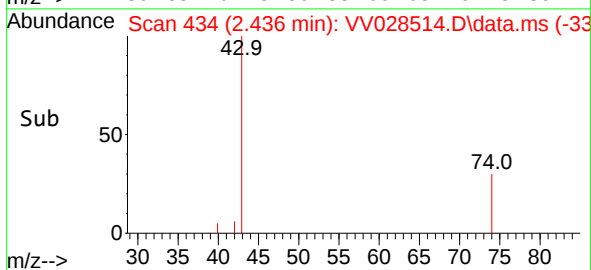
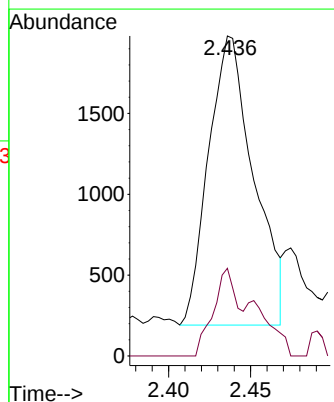
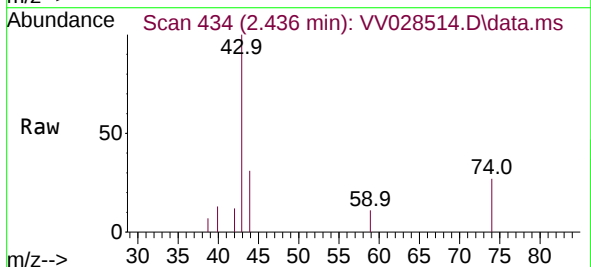
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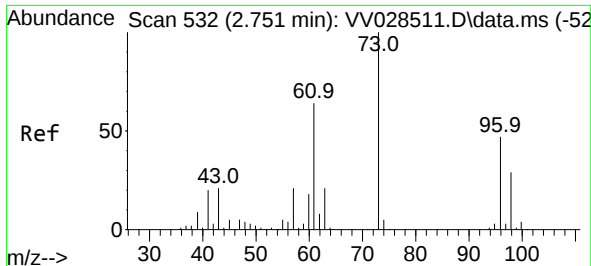
Tgt Ion: 76 Resp: 11273
Ion Ratio Lower Upper
76 100
78 10.8 7.4 11.0



#15
Methyl Acetate
Concen: 1.321 ug/L
RT: 2.436 min Scan# 434
Delta R.T. 0.006 min
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Tgt Ion: 43 Resp: 3428
Ion Ratio Lower Upper
43 100
74 16.4 18.8 28.2#

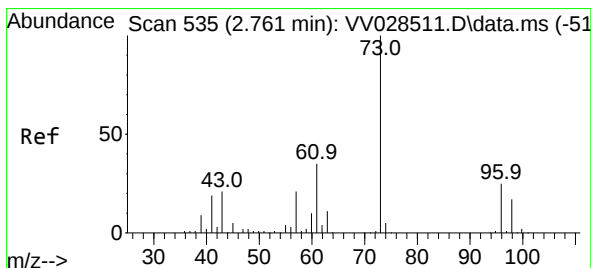
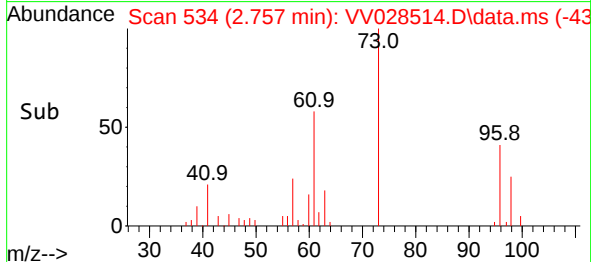
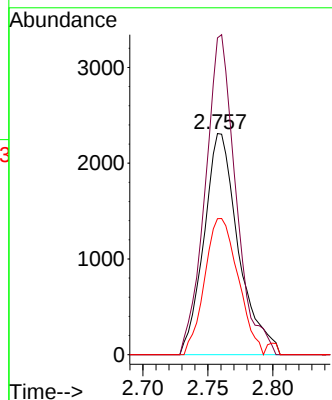
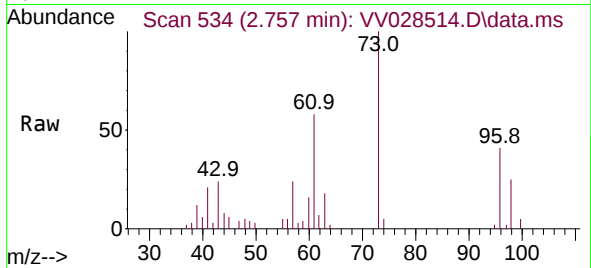




#17
trans-1,2-Dichloroethene
Concen: 2.122 ug/L
RT: 2.757 min Scan# 51
Delta R.T. 0.006 min
Lab File: VV028514.D
Acq: 11 Oct 2022 11:30

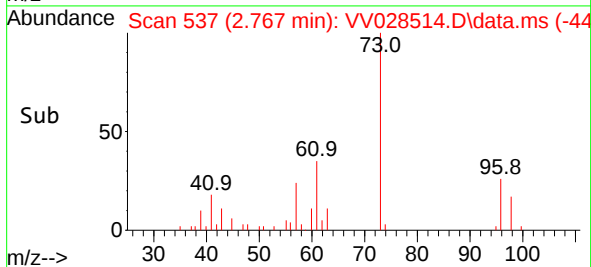
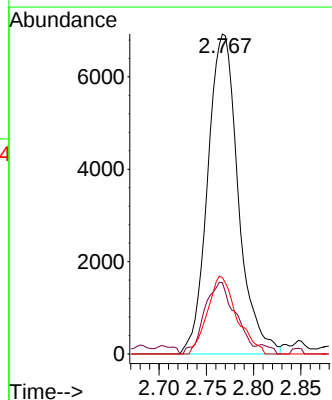
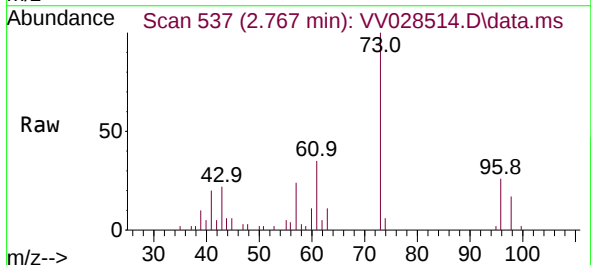
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT4-2022-08

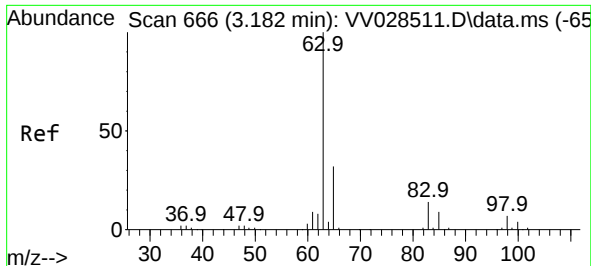
Tgt Ion: 96 Resp: 4252
Ion Ratio Lower Upper
96 100
61 143.2 104.8 194.6
98 61.5 44.5 82.7



#18
Methyl tert-butyl Ether
Concen: 2.113 ug/L
RT: 2.767 min Scan# 537
Delta R.T. 0.006 min
Lab File: VV028514.D
Acq: 11 Oct 2022 11:30

Tgt Ion: 73 Resp: 15569
Ion Ratio Lower Upper
73 100
43 21.0 15.6 23.4
57 23.2 18.2 27.4





#19

1,1-Dichloroethane

Concen: 2.049 ug/L

RT: 3.191 min Scan# 6

Delta R.T. 0.010 min

Lab File: VV028514.D

Acq: 11 Oct 2022 11:30

Instrument :

MSVOA_V

ClientSampleId :

MDL-WATER-QT4-2022-08

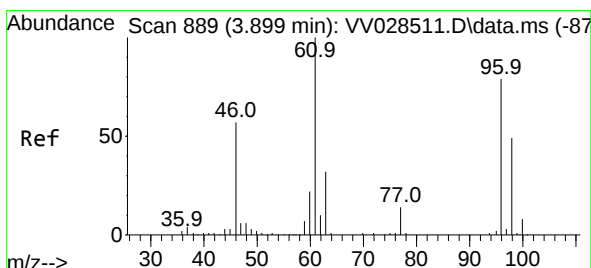
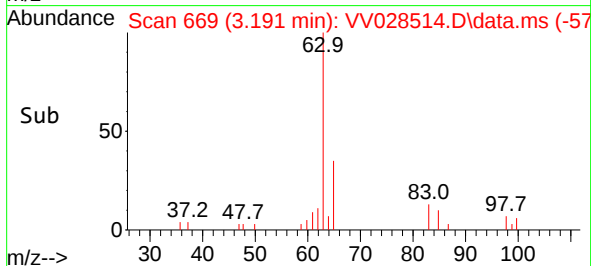
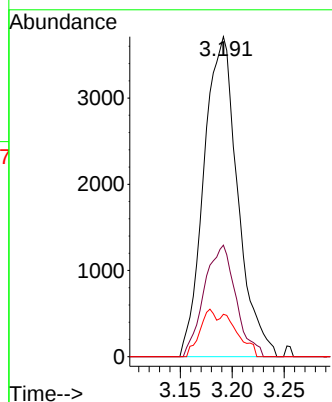
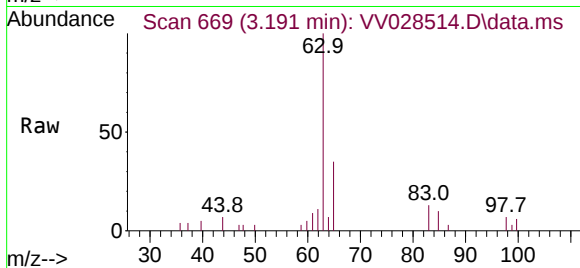
Tgt Ion: 63 Resp: 8390

Ion Ratio Lower Upper

63 100

65 34.9 22.6 42.0

83 13.3 9.2 17.0



#20

cis-1,2-Dichloroethene

Concen: 2.137 ug/L

RT: 3.908 min Scan# 892

Delta R.T. 0.010 min

Lab File: VV028514.D

Acq: 11 Oct 2022 11:30

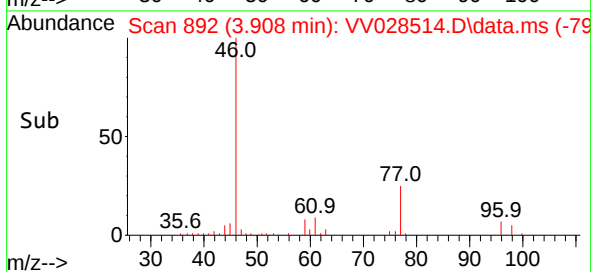
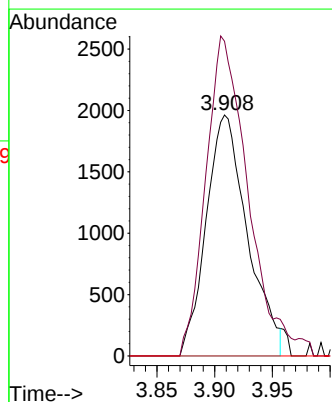
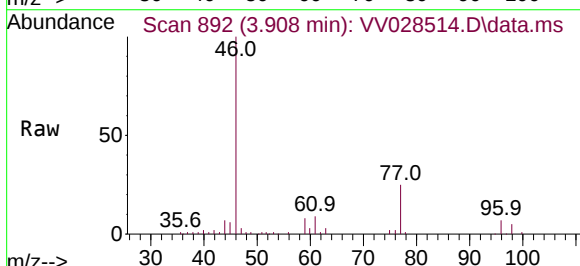
Tgt Ion: 96 Resp: 4880

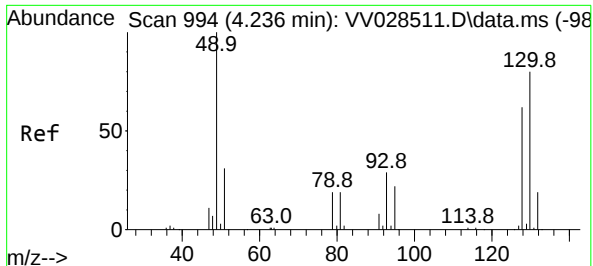
Ion Ratio Lower Upper

96 100

61 130.6 95.0 176.4

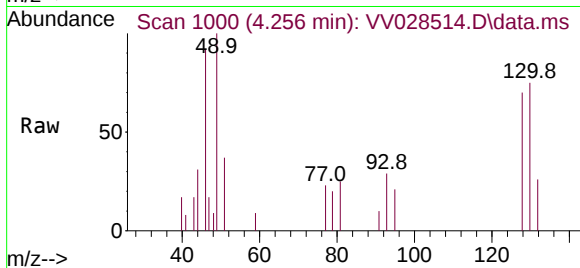
68 0.0 0.0 0.0



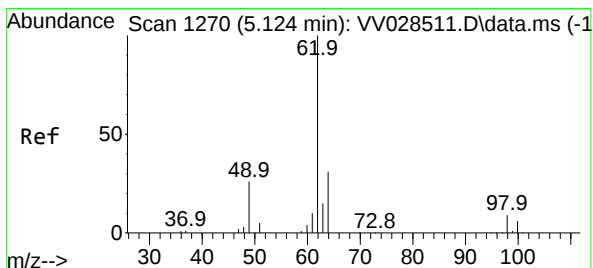
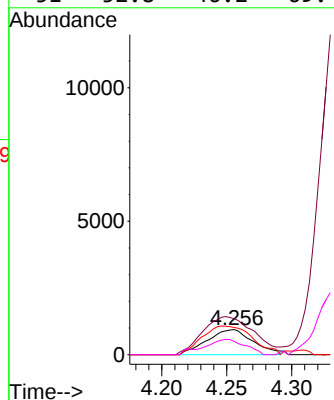
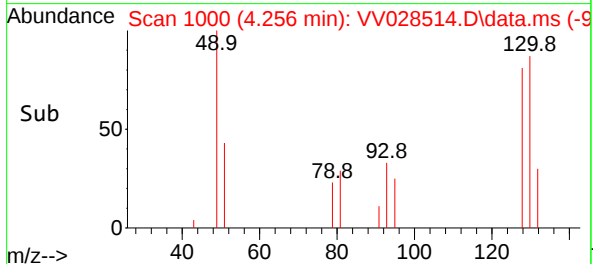


#23
Bromochloromethane
Concen: 2.084 ug/L
RT: 4.256 min Scan# 1000
Delta R.T. 0.019 min
Lab File: VV028514.D
Acq: 11 Oct 2022 11:30

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT4-2022-08

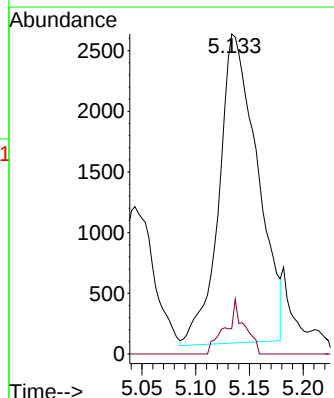
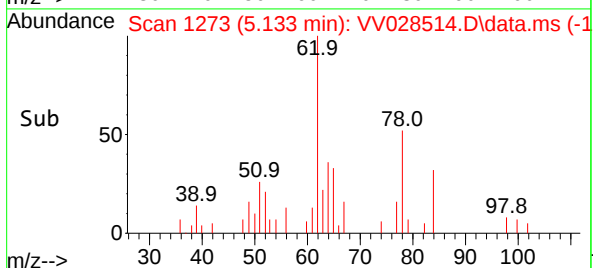
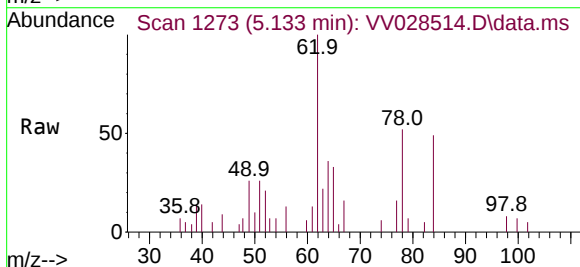


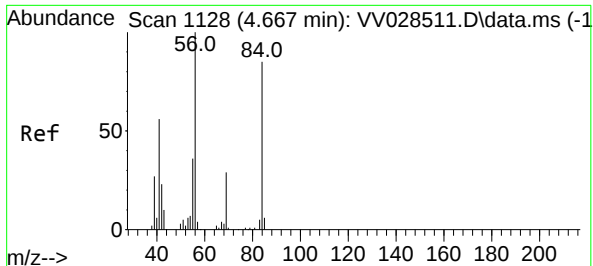
Tgt Ion:128 Resp: 2312
Ion Ratio Lower Upper
128 100
49 143.4 130.6 242.6
130 108.2 90.0 167.2
51 52.8 46.2 69.4



#27
1,2-Dichloroethane
Concen: 2.064 ug/L
RT: 5.133 min Scan# 1273
Delta R.T. 0.010 min
Lab File: VV028514.D
Acq: 11 Oct 2022 11:30

Tgt Ion: 62 Resp: 6322
Ion Ratio Lower Upper
62 100
98 7.9 7.6 11.4





#29

Cyclohexane

Concen: 1.907 ug/L

RT: 4.674 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VV028514.D

Acq: 11 Oct 2022 11:30

Instrument :

MSVOA_V

ClientSampleId :

MDL-WATER-QT4-2022-08

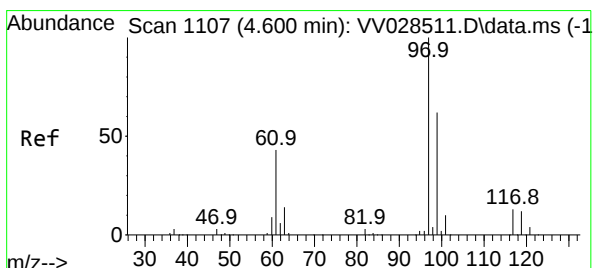
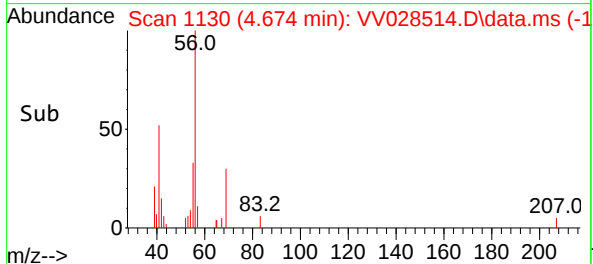
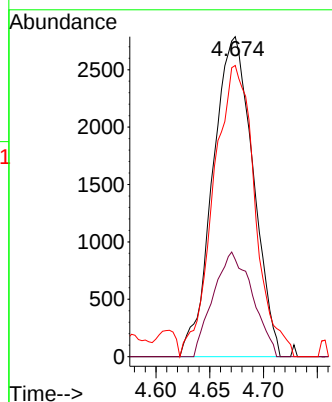
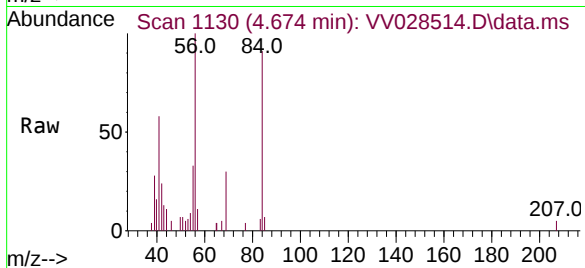
Tgt Ion: 56 Resp: 7249

Ion Ratio Lower Upper

56 100

69 31.8 23.0 34.6

84 93.0 65.8 98.8



#30

1,1,1-Trichloroethane

Concen: 2.402 ug/L

RT: 4.603 min Scan# 1108

Delta R.T. 0.003 min

Lab File: VV028514.D

Acq: 11 Oct 2022 11:30

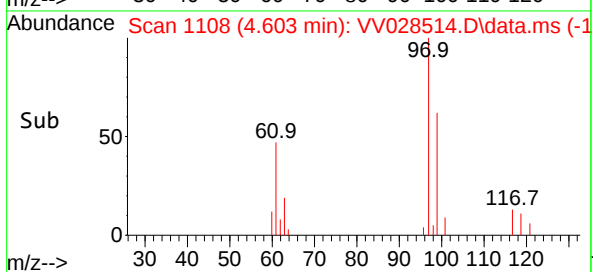
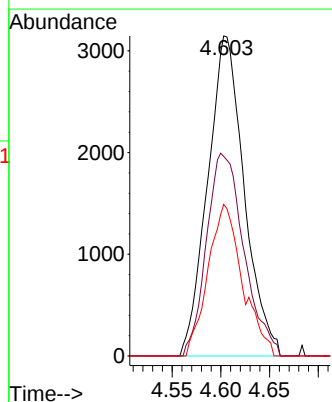
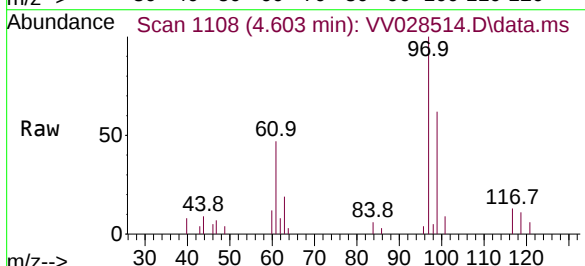
Tgt Ion: 97 Resp: 8200

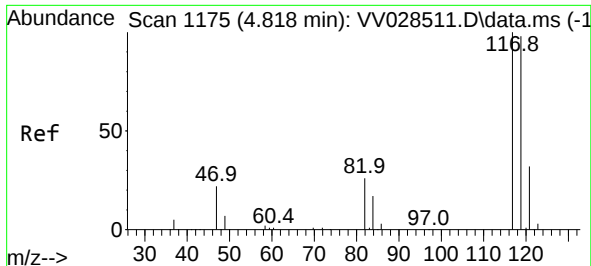
Ion Ratio Lower Upper

97 100

99 64.9 50.2 75.2

61 38.8 35.8 53.6

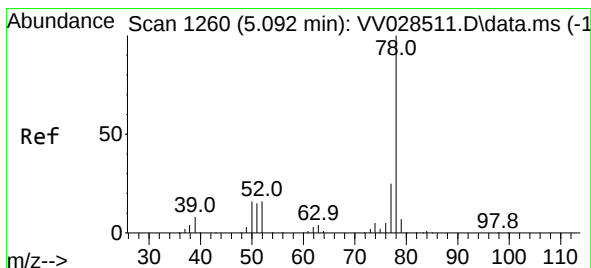
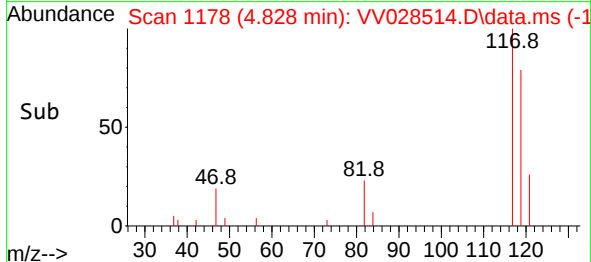
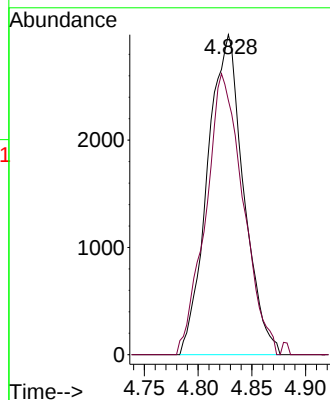
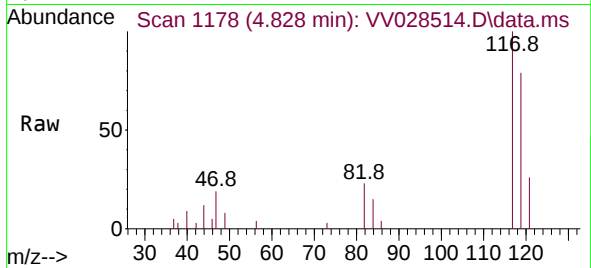




#31
Carbon tetrachloride
Concen: 2.439 ug/L
RT: 4.828 min Scan# 1175
Delta R.T. 0.010 min
Lab File: VV028514.D
Acq: 11 Oct 2022 11:30

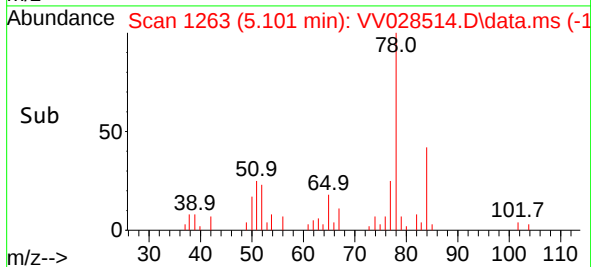
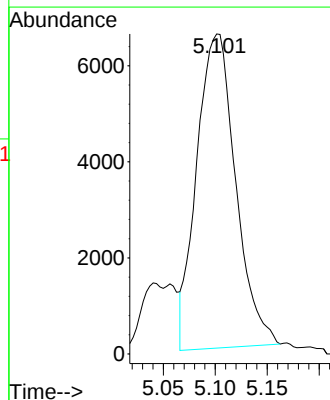
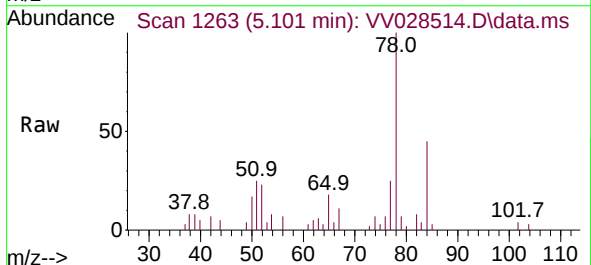
Instrument : MSVOA_V
ClientSampleId :
MDL-WATER-QT4-2022-08

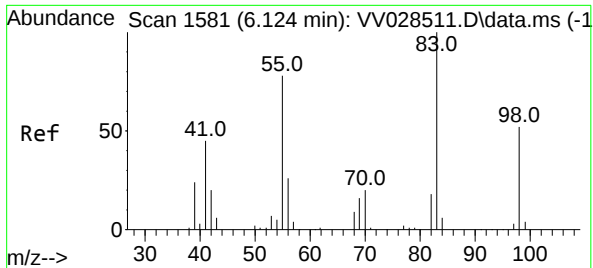
Tgt Ion:117 Resp: 6968
Ion Ratio Lower Upper
117 100
119 91.0 78.0 117.0



#33
Benzene
Concen: 1.960 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.010 min
Lab File: VV028514.D
Acq: 11 Oct 2022 11:30

Tgt Ion: 78 Resp: 17028





#35

Methylcyclohexane

Concen: 2.001 ug/L

RT: 6.127 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV028514.D

Acq: 11 Oct 2022 11:30

Instrument :

MSVOA_V

ClientSampleId :

MDL-WATER-QT4-2022-08

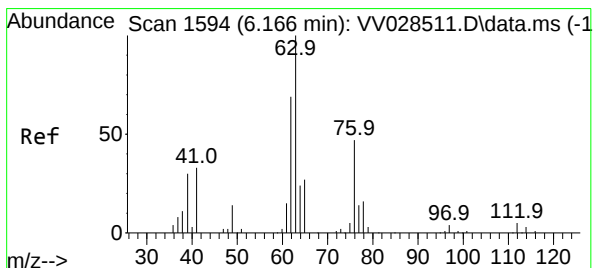
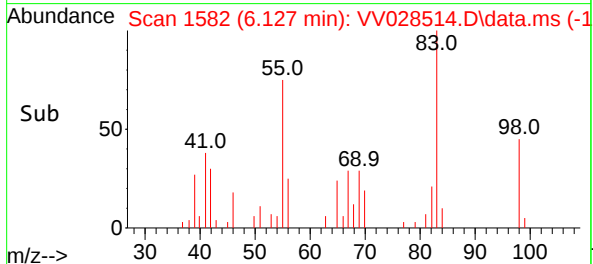
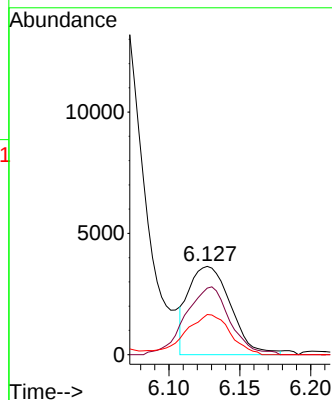
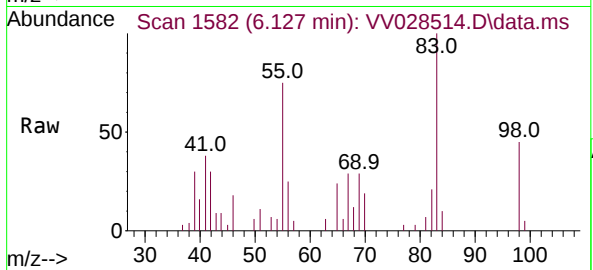
Tgt Ion: 83 Resp: 7501

Ion Ratio Lower Upper

83 100

55 80.3 63.7 95.5

98 48.1 38.2 57.2



#37

1,2-Dichloropropane

Concen: 1.621 ug/L

RT: 6.175 min Scan# 1597

Delta R.T. 0.010 min

Lab File: VV028514.D

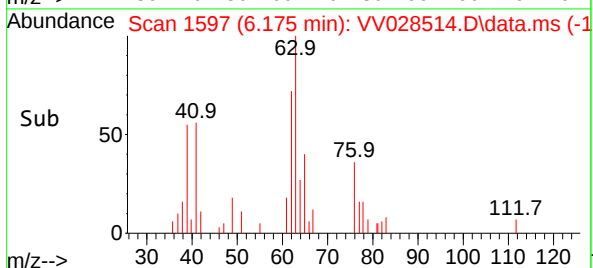
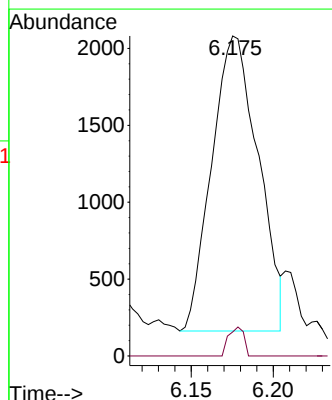
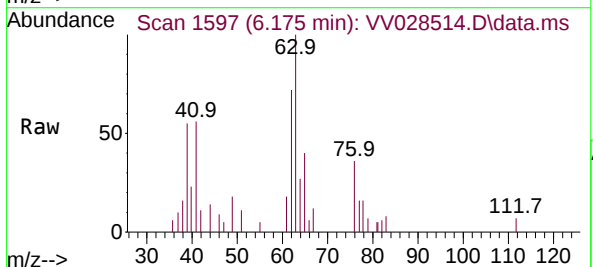
Acq: 11 Oct 2022 11:30

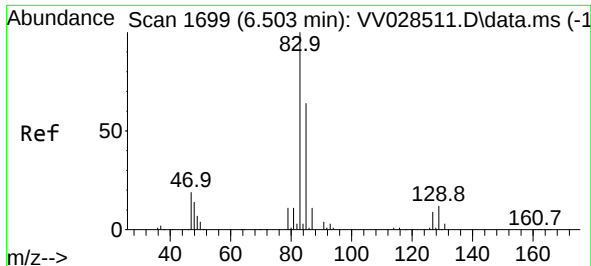
Tgt Ion: 63 Resp: 3776

Ion Ratio Lower Upper

63 100

112 3.2 3.5 5.3#

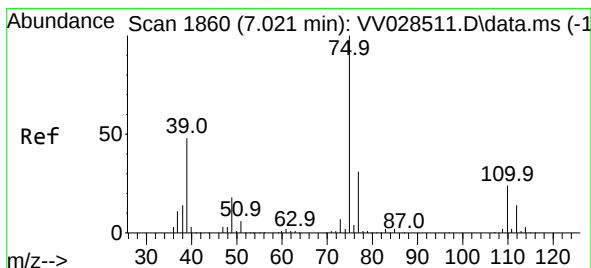
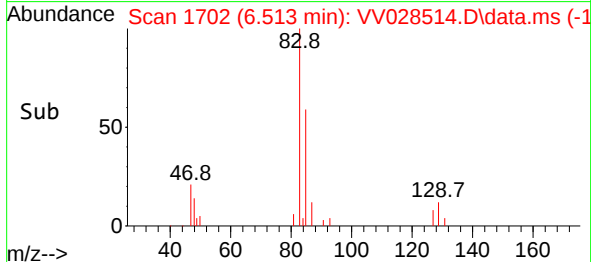
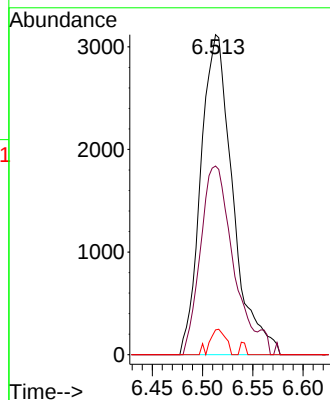
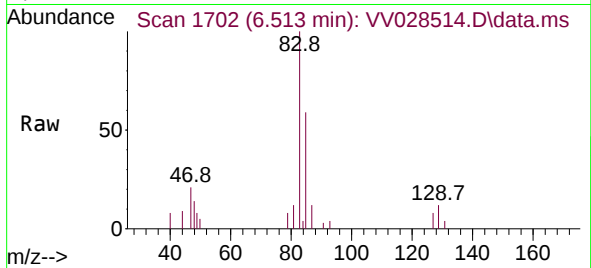




#38
Bromodichloromethane
Concen: 2.267 ug/L
RT: 6.513 min Scan# 1
Delta R.T. 0.010 min
Lab File: VV028514.D
Acq: 11 Oct 2022 11:30

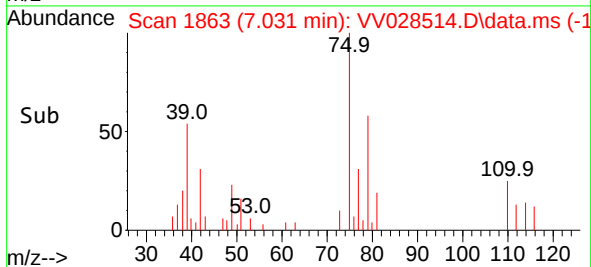
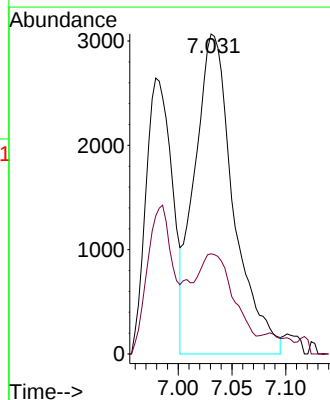
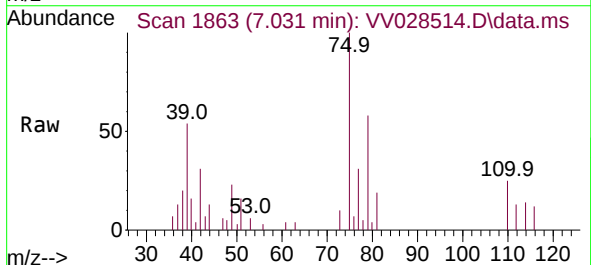
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT4-2022-08

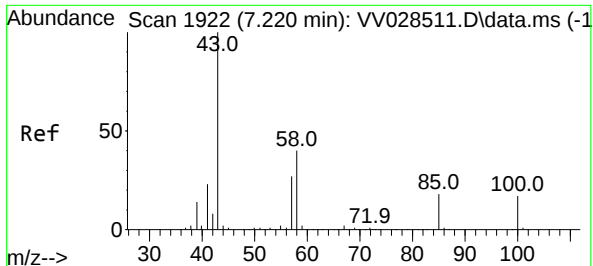
Tgt Ion: 83 Resp: 6882
Ion Ratio Lower Upper
83 100
85 58.9 45.1 83.7
127 7.7 7.0 10.4



#39
cis-1,3-Dichloropropene
Concen: 2.086 ug/L
RT: 7.031 min Scan# 1863
Delta R.T. 0.010 min
Lab File: VV028514.D
Acq: 11 Oct 2022 11:30

Tgt Ion: 75 Resp: 7731
Ion Ratio Lower Upper
75 100
77 31.3 23.2 43.0





#40

4-Methyl-2-pentanone

Concen: 3.319 ug/L

RT: 7.230 min Scan# 1922

Delta R.T. 0.010 min

Lab File: VV028514.D

Acq: 11 Oct 2022 11:30

Instrument :

MSVOA_V

ClientSampleId :

MDL-WATER-QT4-2022-08

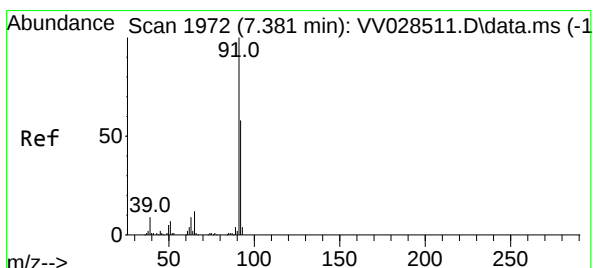
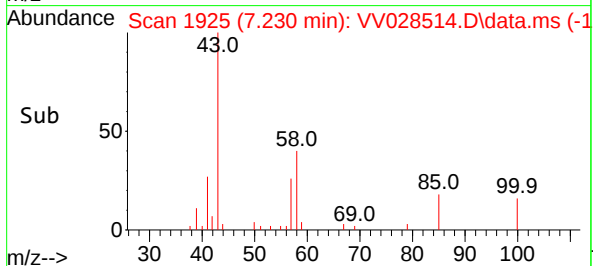
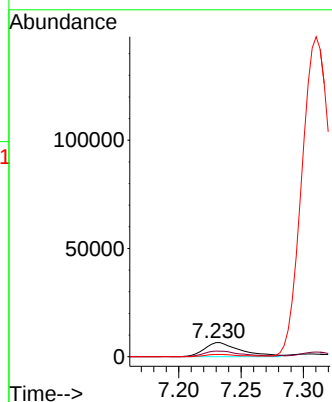
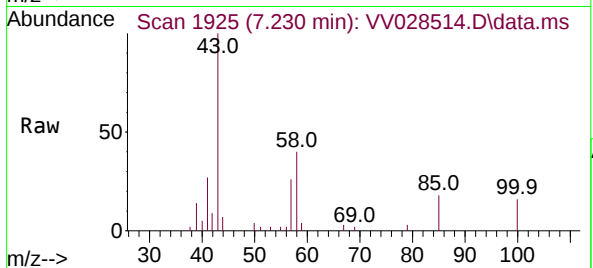
Tgt Ion: 43 Resp: 13187

Ion Ratio Lower Upper

43 100

58 41.5 31.3 46.9

100 13.0 11.5 17.3



#42

Toluene

Concen: 2.089 ug/L

RT: 7.391 min Scan# 1975

Delta R.T. 0.010 min

Lab File: VV028514.D

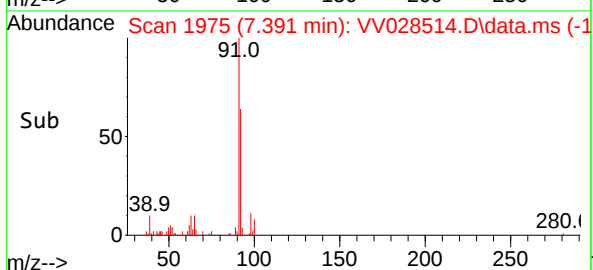
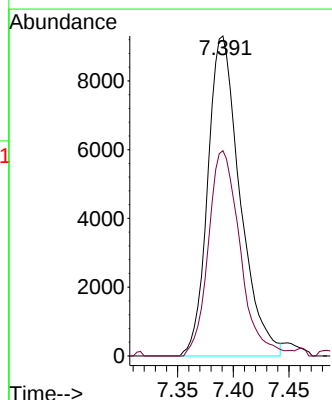
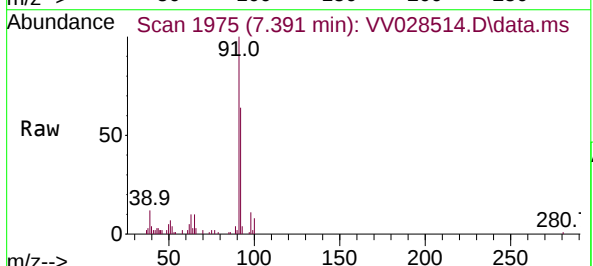
Acq: 11 Oct 2022 11:30

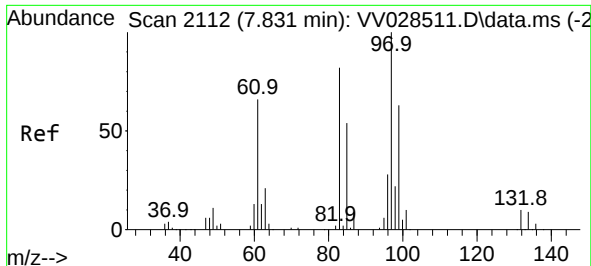
Tgt Ion: 91 Resp: 18708

Ion Ratio Lower Upper

91 100

92 64.1 40.9 76.0

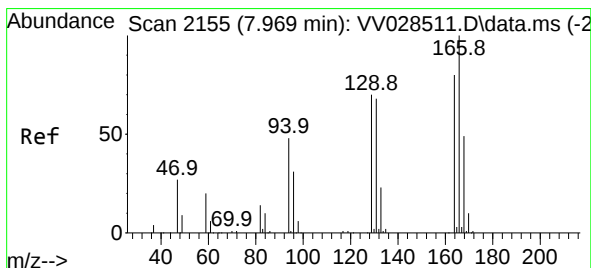
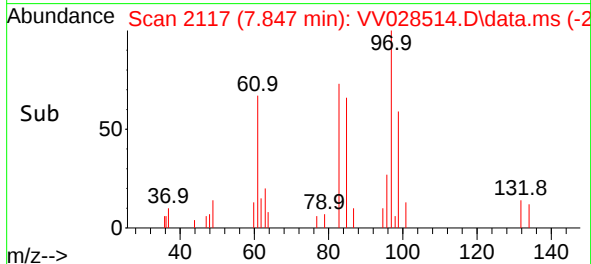
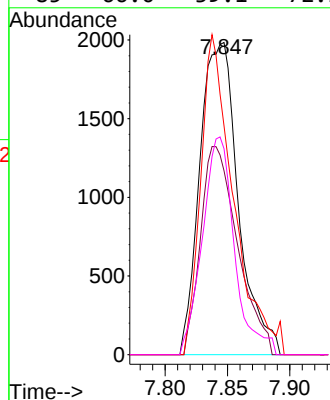
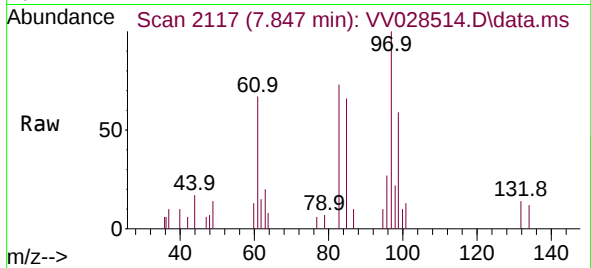




#45
1,1,2-Trichloroethane
Concen: 1.977 ug/L
RT: 7.847 min Scan# 2117
Delta R.T. 0.016 min
Lab File: VV028514.D
Acq: 11 Oct 2022 11:30

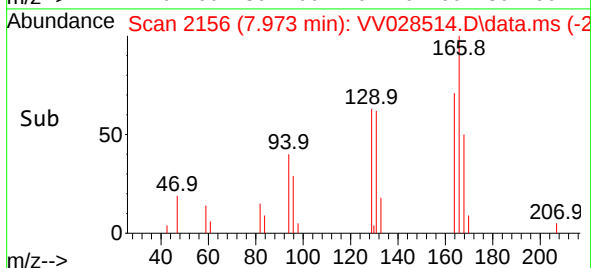
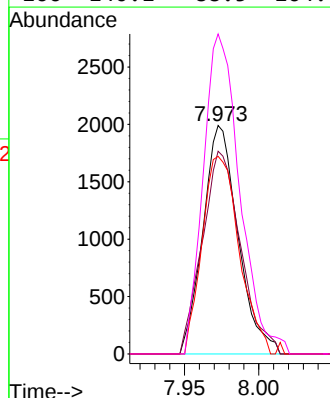
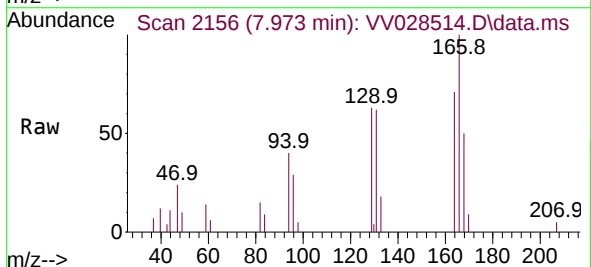
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT4-2022-08

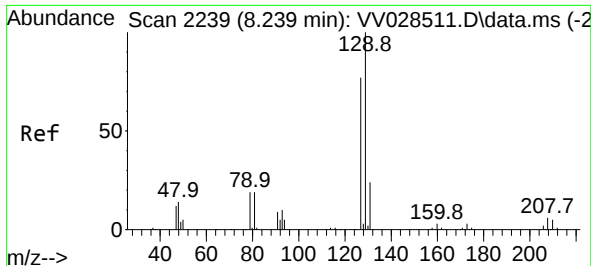
Tgt Ion:	97	Resp:	4265
Ion	Ratio	Lower	Upper
97	100		
99	58.9	43.9	81.5
83	73.2	61.9	114.9
85	66.0	39.1	72.5



#46
Tetrachloroethene
Concen: 2.110 ug/L
RT: 7.973 min Scan# 2156
Delta R.T. 0.003 min
Lab File: VV028514.D
Acq: 11 Oct 2022 11:30

Tgt Ion:	164	Resp:	3268
Ion	Ratio	Lower	Upper
164	100		
129	88.7	67.4	125.2
131	86.5	65.2	121.2
166	140.1	88.5	164.4





#49

Dibromochloromethane

Concen: 1.936 ug/L

RT: 8.243 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV028514.D

Acq: 11 Oct 2022 11:30

Instrument :

MSVOA_V

ClientSampleId :

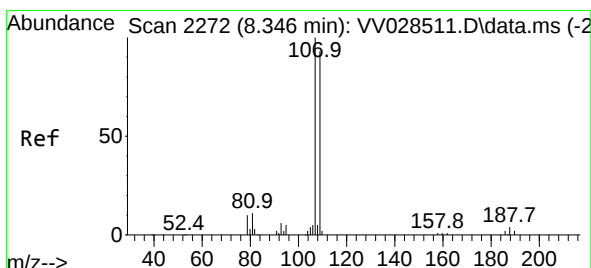
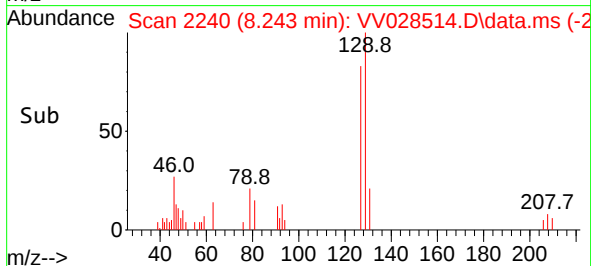
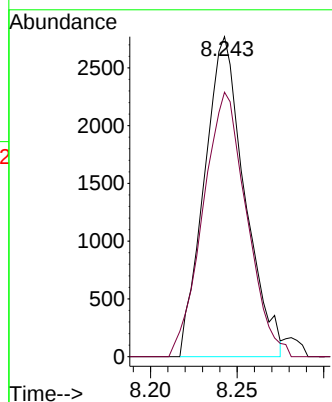
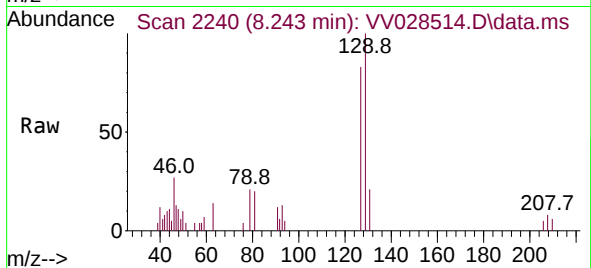
MDL-WATER-QT4-2022-08

Tgt Ion:129 Resp: 4491

Ion Ratio Lower Upper

129 100

127 82.7 53.6 99.6



#50

1,2-Dibromoethane

Concen: 1.954 ug/L

RT: 8.352 min Scan# 2274

Delta R.T. 0.006 min

Lab File: VV028514.D

Acq: 11 Oct 2022 11:30

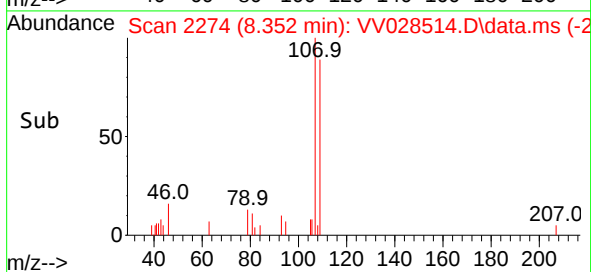
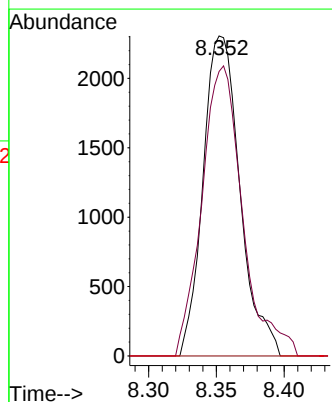
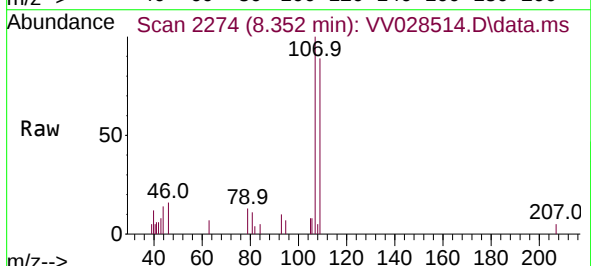
Tgt Ion:107 Resp: 4366

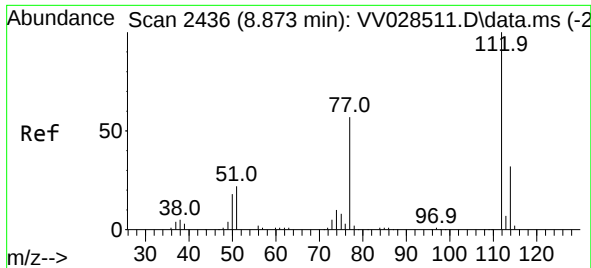
Ion Ratio Lower Upper

107 100

109 88.9 65.9 122.5

188 0.0 3.0 4.4#

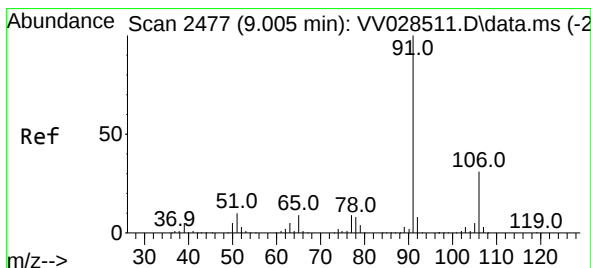
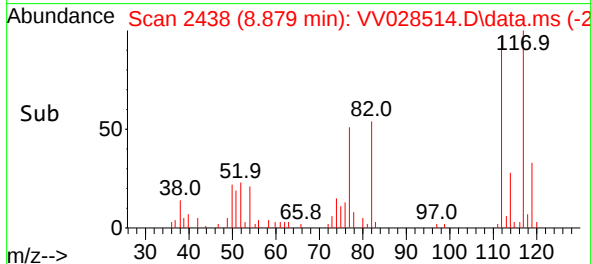
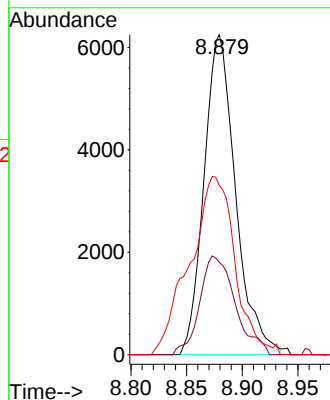
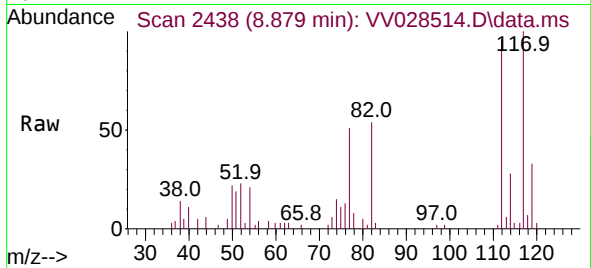




#51
Chlorobenzene
Concen: 2.192 ug/L
RT: 8.879 min Scan# 2436
Delta R.T. 0.006 min
Lab File: VV028514.D
Acq: 11 Oct 2022 11:30

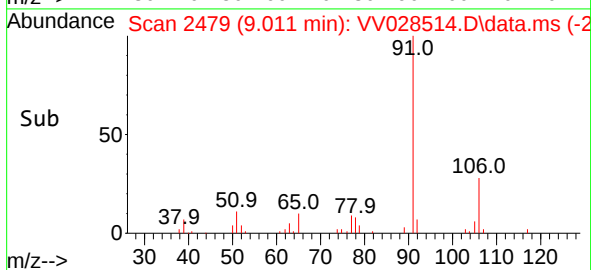
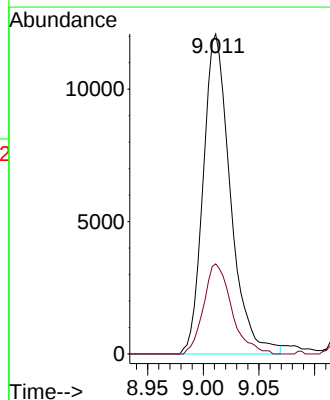
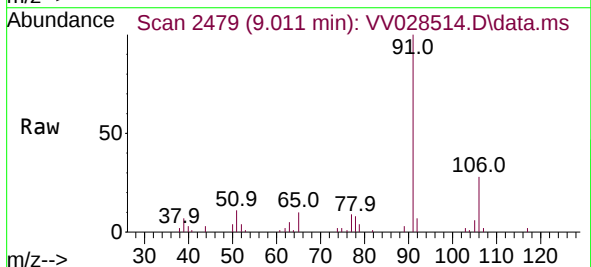
Instrument : MSVOA_V
ClientSampleId : MDL-WATER-QT4-2022-08

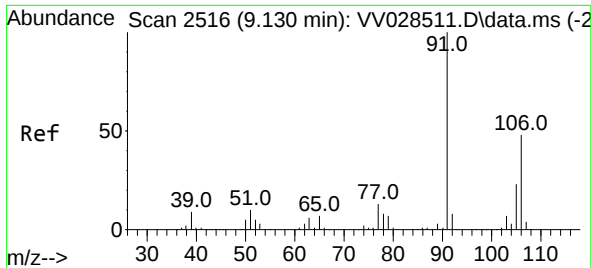
Tgt Ion:	112	Resp:	12321
Ion Ratio	Lower	Upper	
112	100		
114	28.9	21.7	40.3
77	53.0	48.7	73.1



#52
Ethylbenzene
Concen: 2.103 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. 0.006 min
Lab File: VV028514.D
Acq: 11 Oct 2022 11:30

Tgt Ion:	91	Resp:	20528
Ion Ratio	Lower	Upper	
91	100		
106	28.1	21.4	39.8

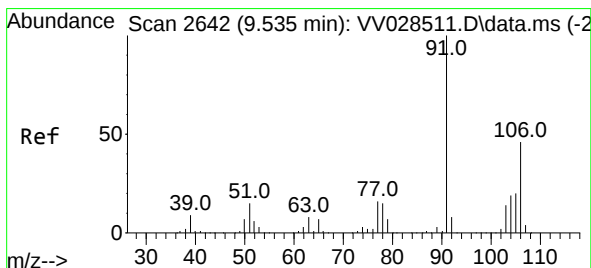
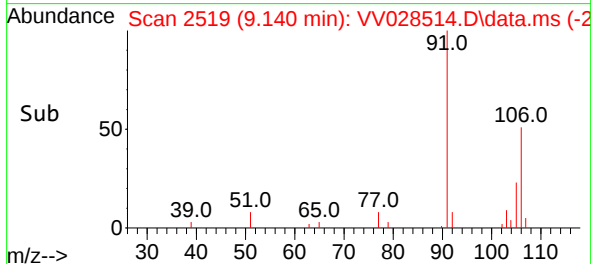
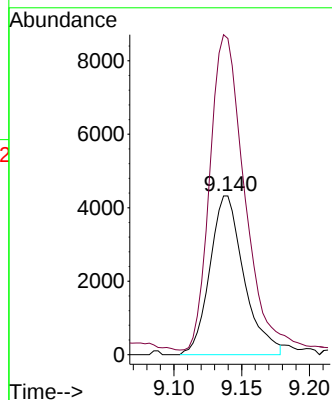
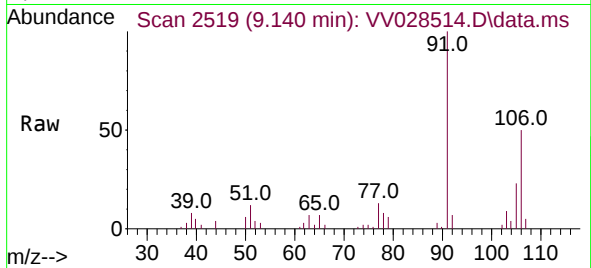




#53
m,p-Xylene
Concen: 2.046 ug/L
RT: 9.140 min Scan# 2516
Delta R.T. 0.010 min
Lab File: VV028514.D
Acq: 11 Oct 2022 11:30

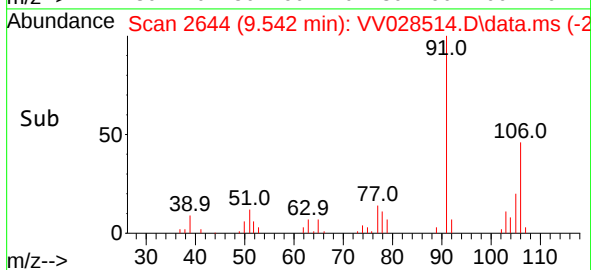
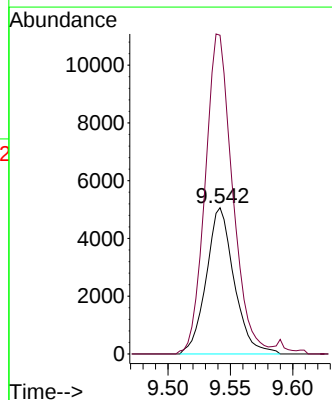
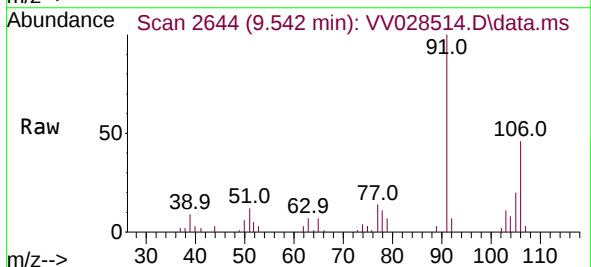
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT4-2022-08

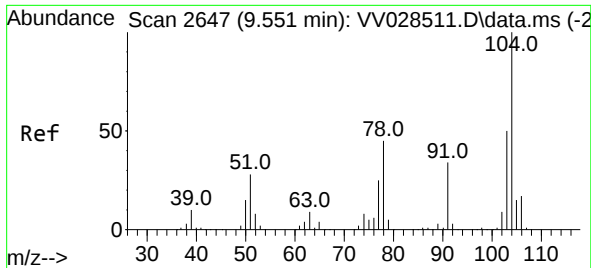
Tgt Ion:106 Resp: 7570
Ion Ratio Lower Upper
106 100
91 199.1 145.2 269.6



#54
o-Xylene
Concen: 2.126 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.006 min
Lab File: VV028514.D
Acq: 11 Oct 2022 11:30

Tgt Ion:106 Resp: 7878
Ion Ratio Lower Upper
106 100
91 217.8 152.5 283.3

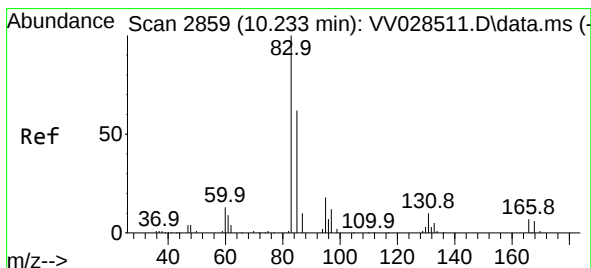
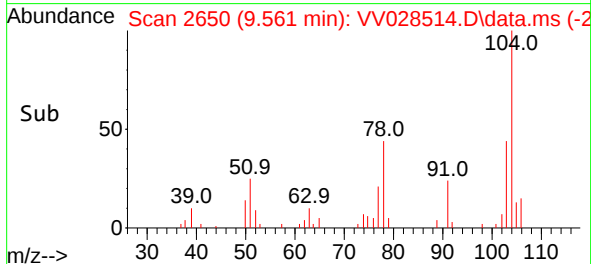
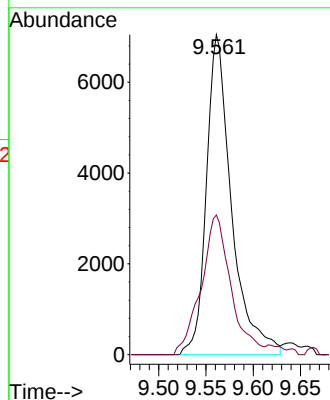
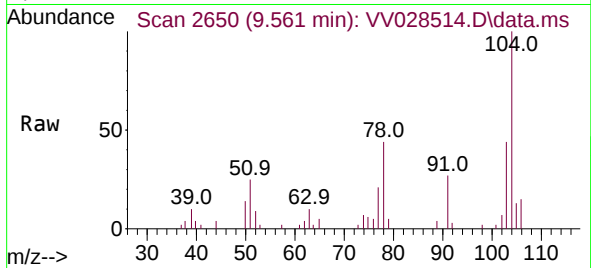




#55
Styrene
Concen: 2.049 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.010 min
Lab File: VV028514.D
Acq: 11 Oct 2022 11:30

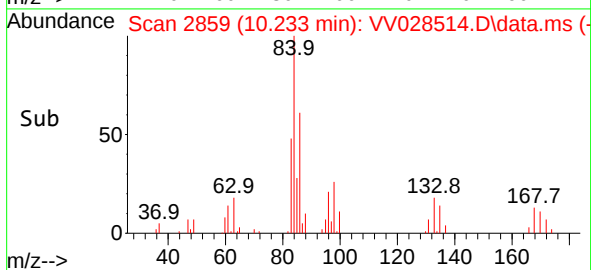
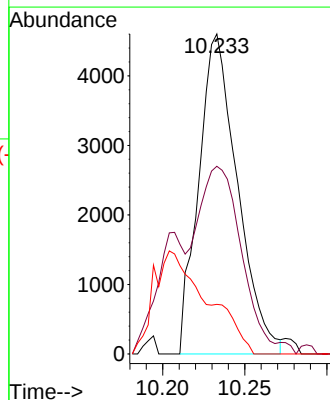
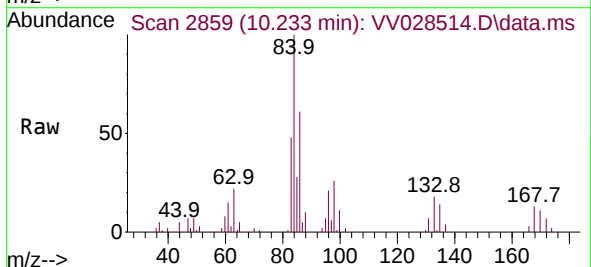
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT4-2022-08

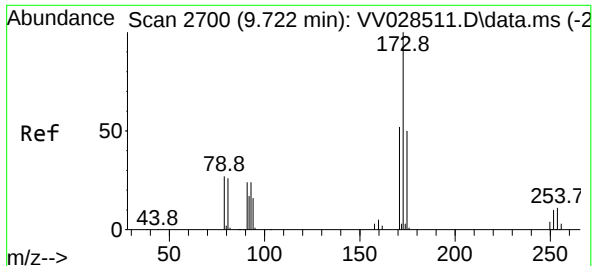
Tgt Ion:104 Resp: 13038
Ion Ratio Lower Upper
104 100
78 43.7 31.9 59.2



#57
1,1,2,2-Tetrachloroethane
Concen: 2.047 ug/L
RT: 10.233 min Scan# 2859
Delta R.T. 0.000 min
Lab File: VV028514.D
Acq: 11 Oct 2022 11:30

Tgt Ion: 83 Resp: 7565
Ion Ratio Lower Upper
83 100
85 58.7 44.8 83.2
131 15.5 7.2 10.8#





#59

Bromoform

Concen: 2.000 ug/L

RT: 9.731 min Scan# 21

Delta R.T. 0.010 min

Lab File: VV028514.D

Acq: 11 Oct 2022 11:30

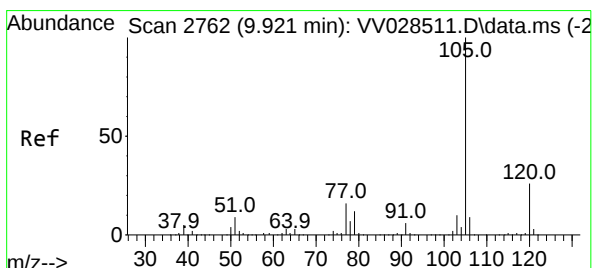
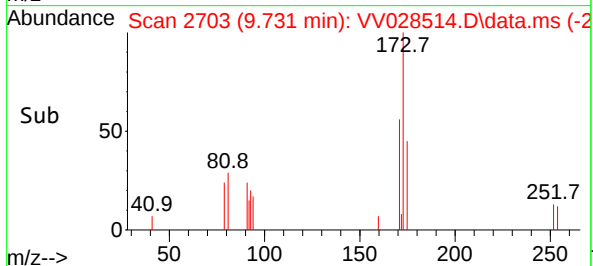
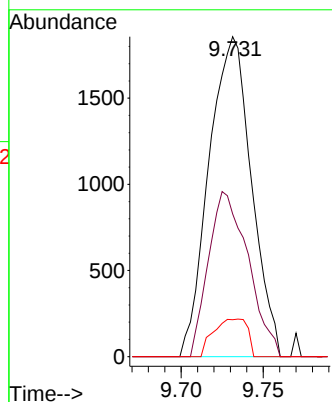
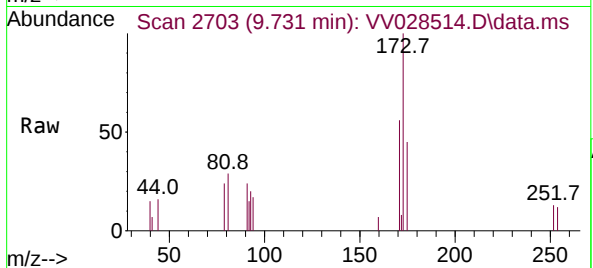
Instrument :

MSVOA_V

ClientSampleId :

MDL-WATER-QT4-2022-08

Tgt Ion:173	Resp:	3345
Ion Ratio	Lower	Upper
173	100	
175	48.0	38.6 57.8
254	5.9	8.4 12.6#



#60

Isopropylbenzene

Concen: 2.100 ug/L

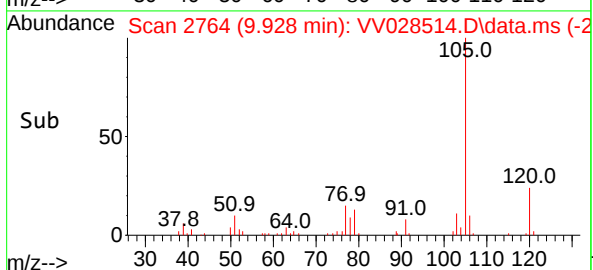
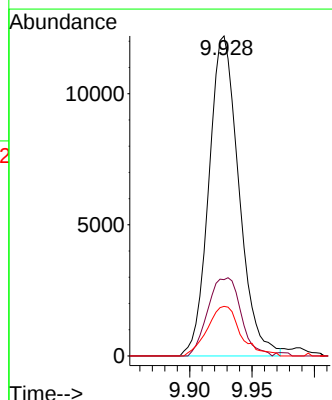
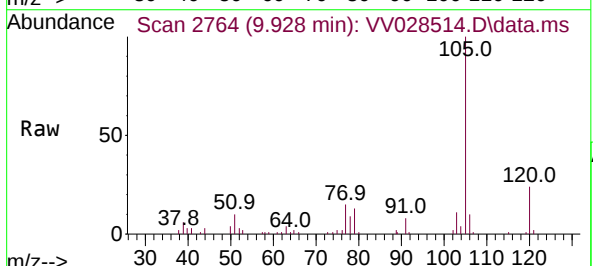
RT: 9.928 min Scan# 2764

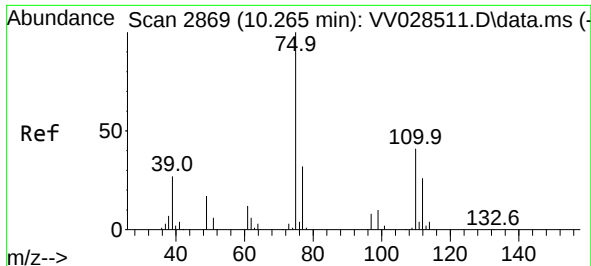
Delta R.T. 0.006 min

Lab File: VV028514.D

Acq: 11 Oct 2022 11:30

Tgt Ion:105	Resp:	20444
Ion Ratio	Lower	Upper
105	100	
120	26.9	20.5 30.7
77	17.2	12.7 19.1

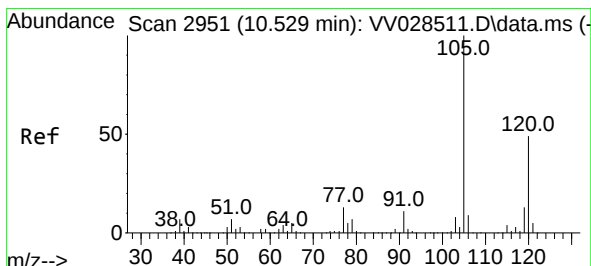
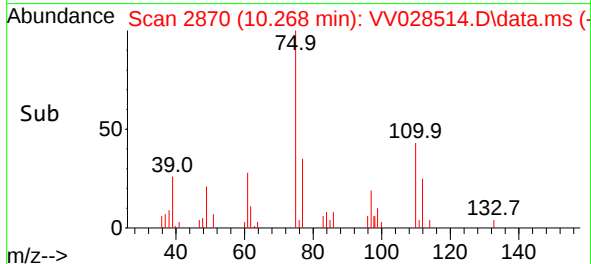
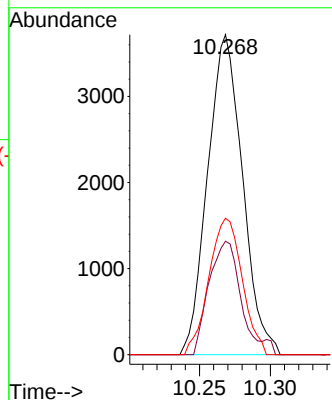
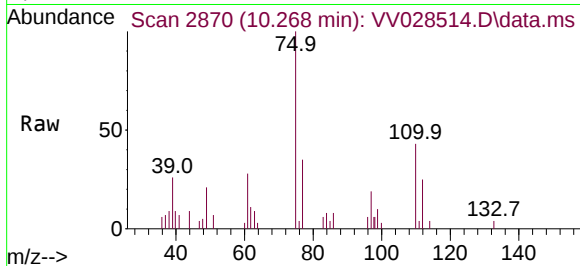




#61
1,2,3-Trichloropropane
Concen: 2.211 ug/L
RT: 10.268 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV028514.D
Acq: 11 Oct 2022 11:30

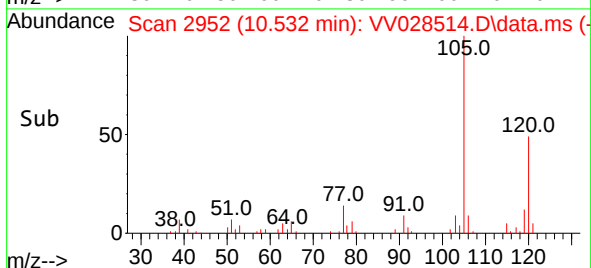
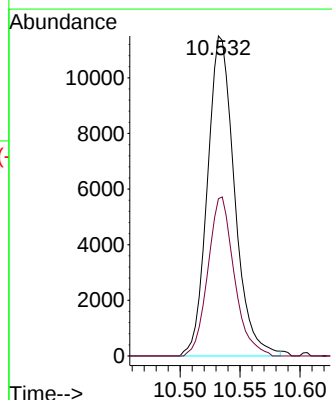
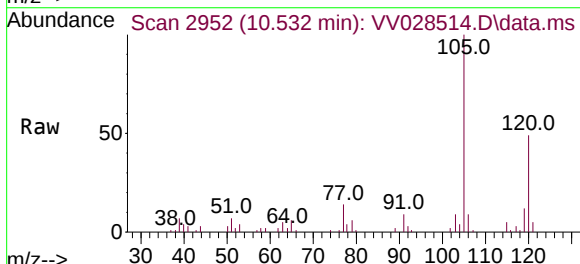
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT4-2022-08

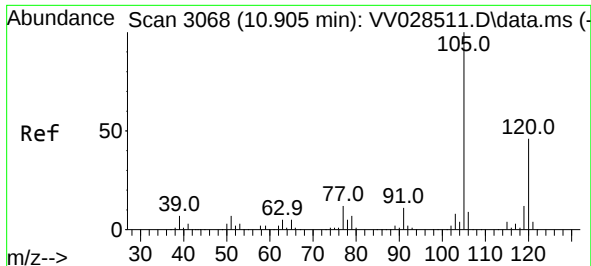
Tgt Ion: 75 Resp: 6357
Ion Ratio Lower Upper
75 100
77 31.9 25.7 38.5
110 40.6 30.0 45.0



#62
1,3,5-Trimethylbenzene
Concen: 2.146 ug/L
RT: 10.532 min Scan# 2952
Delta R.T. 0.003 min
Lab File: VV028514.D
Acq: 11 Oct 2022 11:30

Tgt Ion: 105 Resp: 18093
Ion Ratio Lower Upper
105 100
120 48.3 39.1 58.7

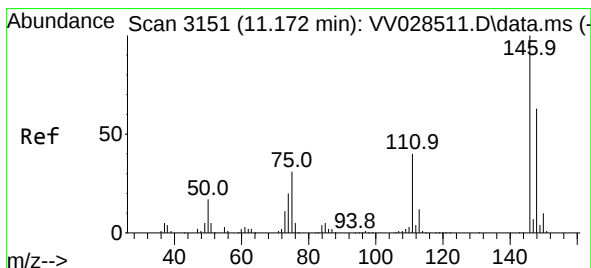
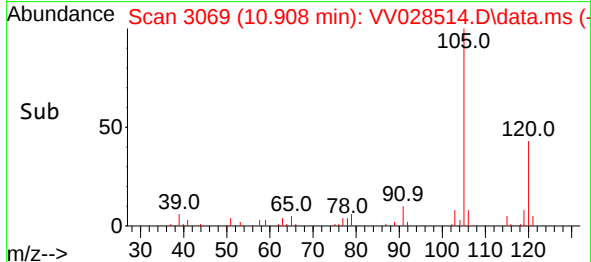
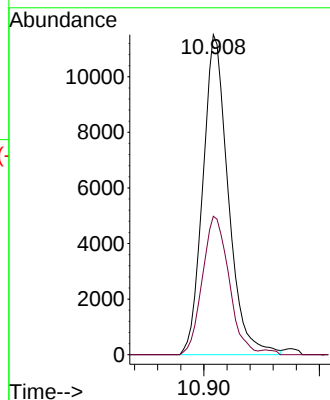
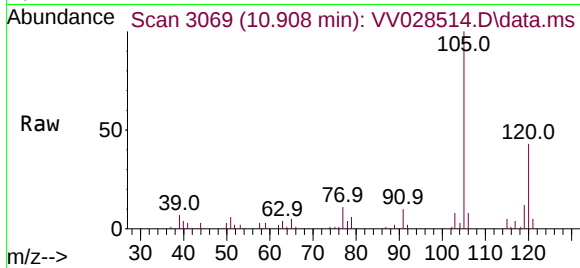




#63
1,2,4-Trimethylbenzene
Concen: 2.098 ug/L
RT: 10.908 min Scan# 3068
Delta R.T. 0.003 min
Lab File: VV028514.D
Acq: 11 Oct 2022 11:30

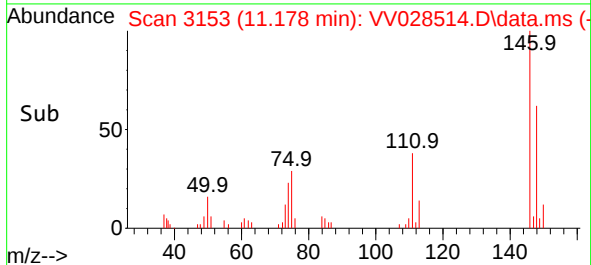
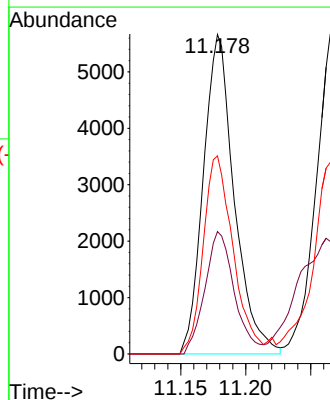
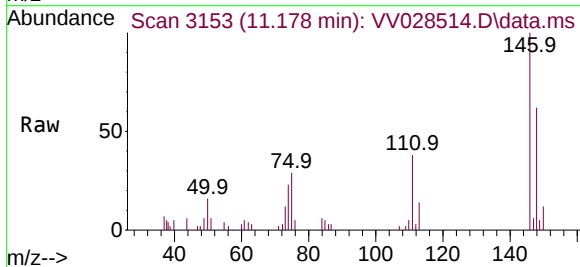
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT4-2022-08

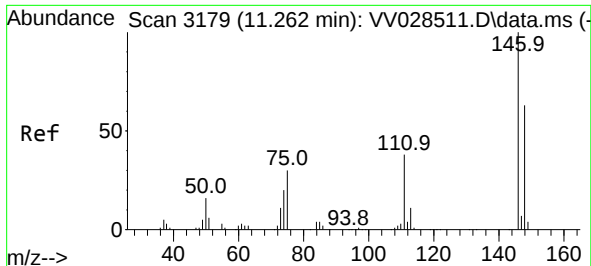
Tgt Ion:105 Resp: 17552
Ion Ratio Lower Upper
105 100
120 45.2 35.9 53.9



#64
1,3-Dichlorobenzene
Concen: 2.199 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. 0.006 min
Lab File: VV028514.D
Acq: 11 Oct 2022 11:30

Tgt Ion:146 Resp: 9360
Ion Ratio Lower Upper
146 100
111 38.3 29.0 53.9
148 62.0 44.6 82.8

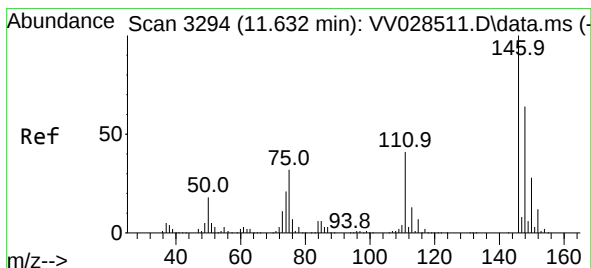
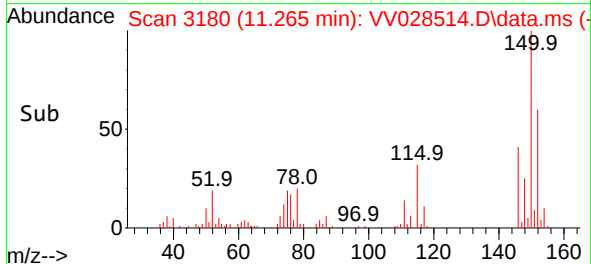
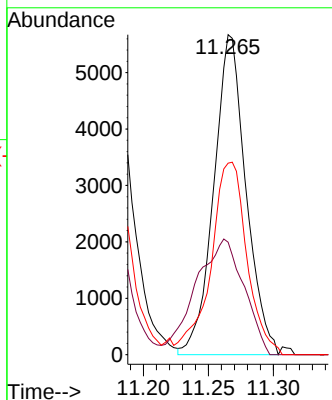
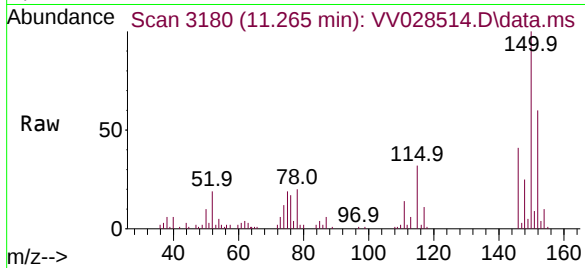




#65
1,4-Dichlorobenzene
Concen: 2.298 ug/L
RT: 11.265 min Scan# 3179
Delta R.T. 0.003 min
Lab File: VV028514.D
Acq: 11 Oct 2022 11:30

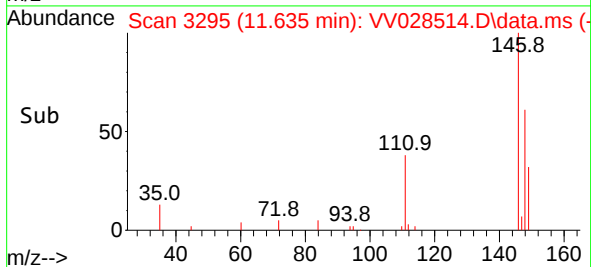
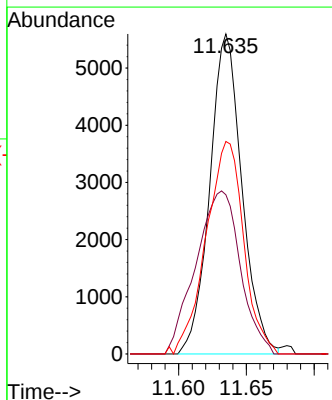
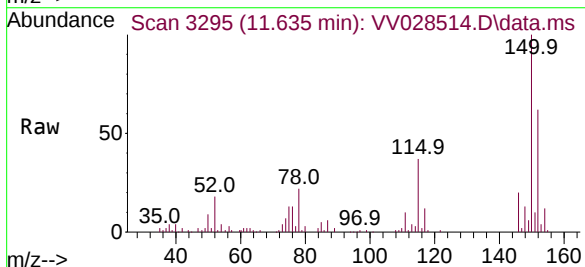
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT4-2022-08

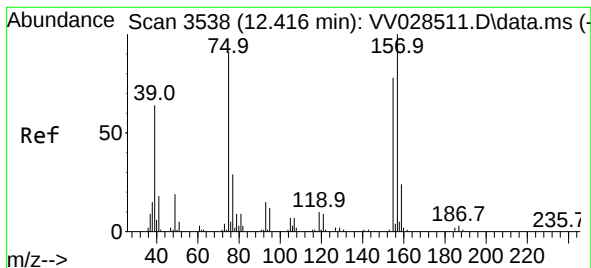
Tgt Ion:146 Resp: 9762
Ion Ratio Lower Upper
146 100
111 35.1 26.6 49.4
148 59.9 43.4 80.6



#67
1,2-Dichlorobenzene
Concen: 2.150 ug/L
RT: 11.635 min Scan# 3295
Delta R.T. 0.003 min
Lab File: VV028514.D
Acq: 11 Oct 2022 11:30

Tgt Ion:146 Resp: 9239
Ion Ratio Lower Upper
146 100
111 49.8 33.9 50.9
148 66.4 50.6 75.8

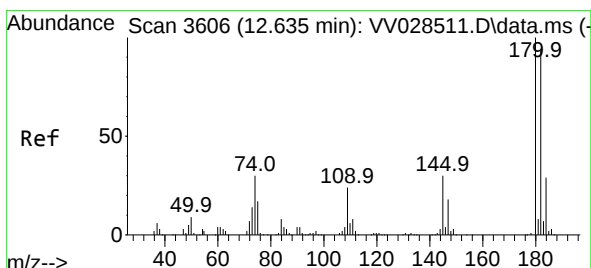
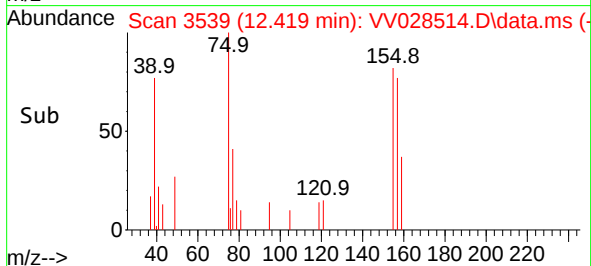
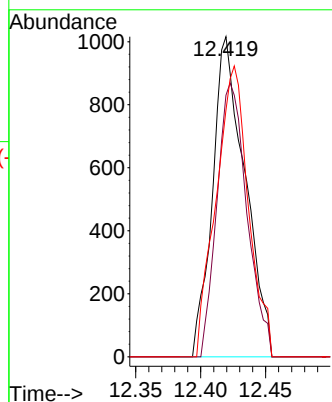
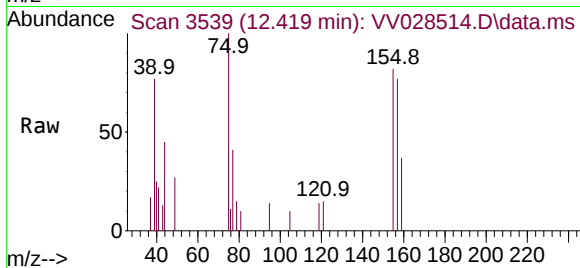




#68
1,2-Dibromo-3-chloropropane
Concen: 2.001 ug/L
RT: 12.419 min Scan# 3538
Delta R.T. 0.003 min
Lab File: VV028514.D
Acq: 11 Oct 2022 11:30

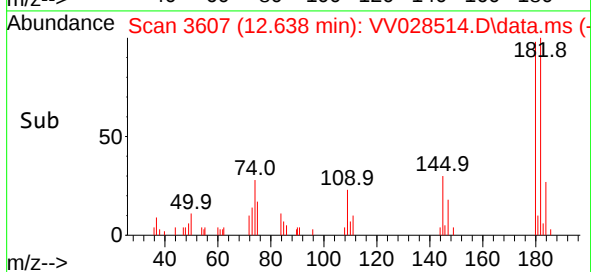
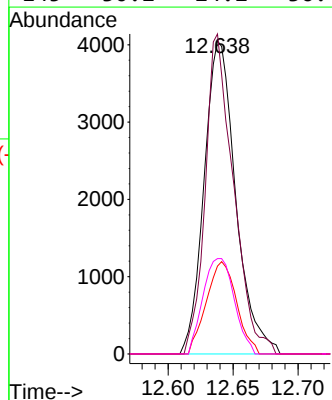
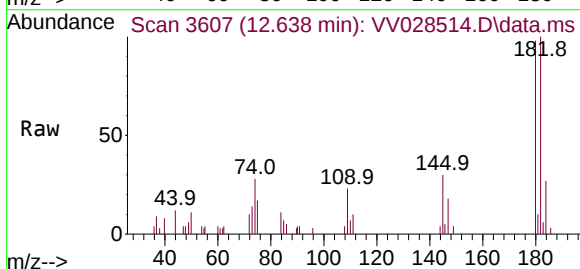
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT4-2022-08

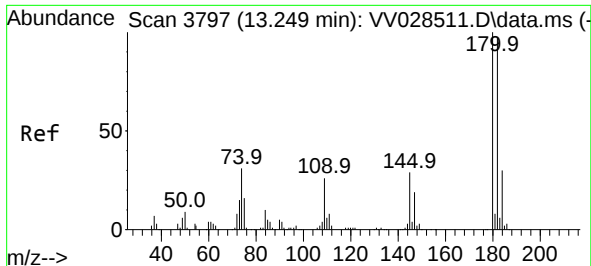
Tgt Ion: 75 Resp: 1761
Ion Ratio Lower Upper
75 100
155 81.7 65.0 97.6
157 77.1 86.0 129.0#



#69
1,3,5-Trichlorobenzene
Concen: 2.117 ug/L
RT: 12.638 min Scan# 3607
Delta R.T. 0.003 min
Lab File: VV028514.D
Acq: 11 Oct 2022 11:30

Tgt Ion: 180 Resp: 6844
Ion Ratio Lower Upper
180 100
182 91.3 75.9 113.9
184 28.2 24.0 36.0
145 30.2 24.2 36.4

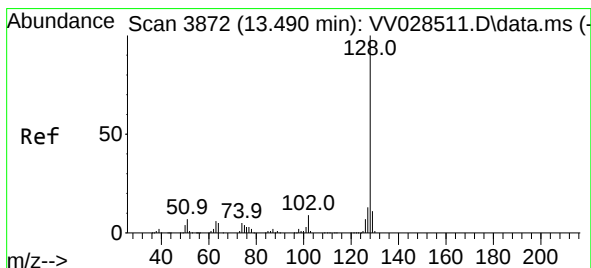
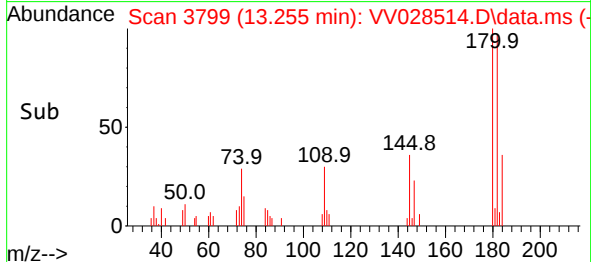
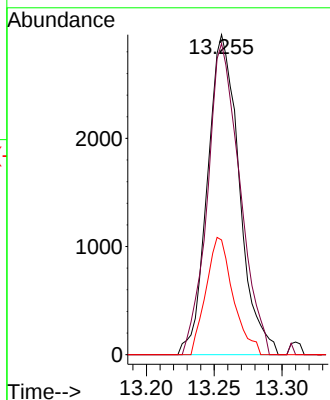
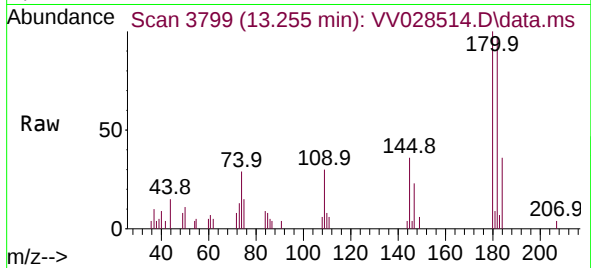




#70
1,2,4-trichlorobenzene
Concen: 1.690 ug/L
RT: 13.255 min Scan# 31
Delta R.T. 0.006 min
Lab File: VV028514.D
Acq: 11 Oct 2022 11:30

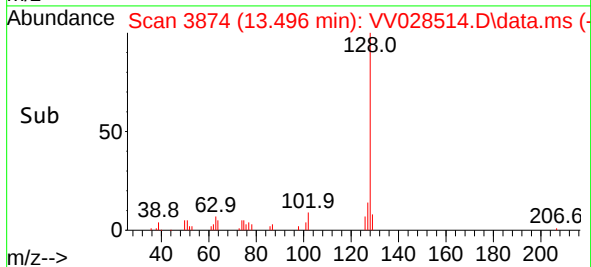
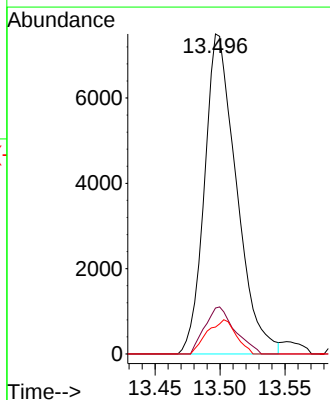
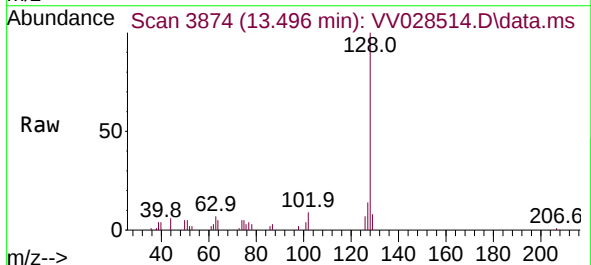
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT4-2022-08

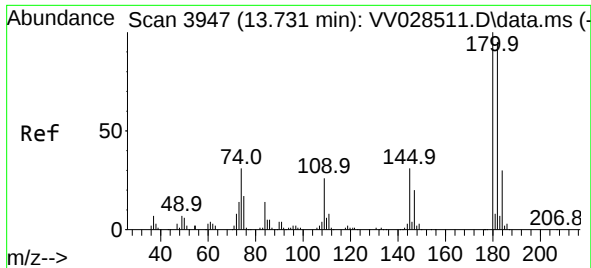
Tgt Ion:180 Resp: 4816
Ion Ratio Lower Upper
180 100
182 99.0 75.3 112.9
145 31.3 24.3 36.5



#71
Naphthalene
Concen: 1.445 ug/L
RT: 13.496 min Scan# 3874
Delta R.T. 0.006 min
Lab File: VV028514.D
Acq: 11 Oct 2022 11:30

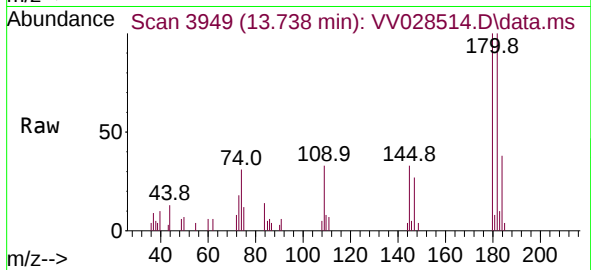
Tgt Ion:128 Resp: 12809
Ion Ratio Lower Upper
128 100
127 13.8 10.6 15.8
129 9.6 8.9 13.3





#72
 1,2,3-Trichlorobenzene
 Concen: 1.745 ug/L
 RT: 13.738 min Scan# 3949
 Delta R.T. 0.006 min
 Lab File: VV028514.D
 Acq: 11 Oct 2022 11:30

Instrument : MSVOA_V
 ClientSampleId :
 MDL-WATER-QT4-2022-08



Tgt Ion:	180	Resp:	4848
Ion	Ratio	Lower	Upper
180	100		
182	102.0	75.4	113.0
145	34.4	26.5	39.7

