

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW072022\
 Data File : VW026845.D
 Acq On : 20 Jul 2022 11:29
 Operator : SY/MD
 Sample : N3670-02
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL-WATER-QT2-2022-04

Quant Time: Jul 21 01:49:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR071122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jul 21 01:47:16 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	205669	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	215114	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	91880	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	94921	5.059	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	101.200%	
7) Chloroethane-d5	1.561	69	89570	5.525	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	110.400%	
11) 1,1-Dichloroethene-d2	2.101	63	138096	3.834	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	76.600%	
20) 2-Butanone-d5	3.896	46	148884	50.842	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	101.680%	
24) Chloroform-d	4.342	84	179732	5.478	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	109.600%	
26) 1,2-Dichloroethane-d4	5.031	65	79801	5.568	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	111.400%	
32) Benzene-d6	5.043	84	341413	5.223	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	104.400%	
36) 1,2-Dichloropropane-d6	6.066	67	107655	5.493	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	109.800%	
41) Toluene-d8	7.313	98	264138	4.552	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	91.000%	
43) trans-1,3-Dichloroprop...	7.622	79	29382	4.582	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	91.600%	
46) 2-Hexanone-d5	8.088	63	119851	43.171	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	86.340%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	74970	4.910	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	98.200%	
66) 1,2-Dichlorobenzene-d4	11.622	152	89356	5.582	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	111.600%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	5835	0.223	ug/L	97
3) Chloromethane	1.240	50	5925	0.236	ug/L	89
5) Vinyl chloride	1.307	62	6083	0.238	ug/L #	76
6) Bromomethane	1.516	94	3810	0.249	ug/L	88
8) Chloroethane	1.581	64	4591	0.305	ug/L	94
9) Trichlorofluoromethane	1.748	101	7723	0.238	ug/L	94
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	5444	0.293	ug/L	89
12) 1,1-Dichloroethene	2.111	96	5040	0.279	ug/L #	1
14) Carbon disulfide	2.288	76	12493	0.235	ug/L	97
16) Methylene chloride	2.503	84	9478	0.441	ug/L	89
17) Methyl tert-butyl Ether	2.767	73	7160	0.230	ug/L	95
18) trans-1,2-Dichloroethene	2.757	96	4541	0.274	ug/L	88
19) 1,1-Dichloroethane	3.185	63	7644	0.253	ug/L	97
22) cis-1,2-Dichloroethene	3.912	96	4159	0.249	ug/L	85
23) Bromochloromethane	4.256	128	2054	0.267	ug/L	82
25) Chloroform	4.371	83	10909	0.344	ug/L	98
27) 1,2-Dichloroethane	5.143	62	4067	0.238	ug/L #	84
29) 1,1,1-Trichloroethane	4.606	97	7100	0.245	ug/L	96
30) Cyclohexane	4.674	56	4763	0.193	ug/L #	74

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 Response via : Initial Calibration

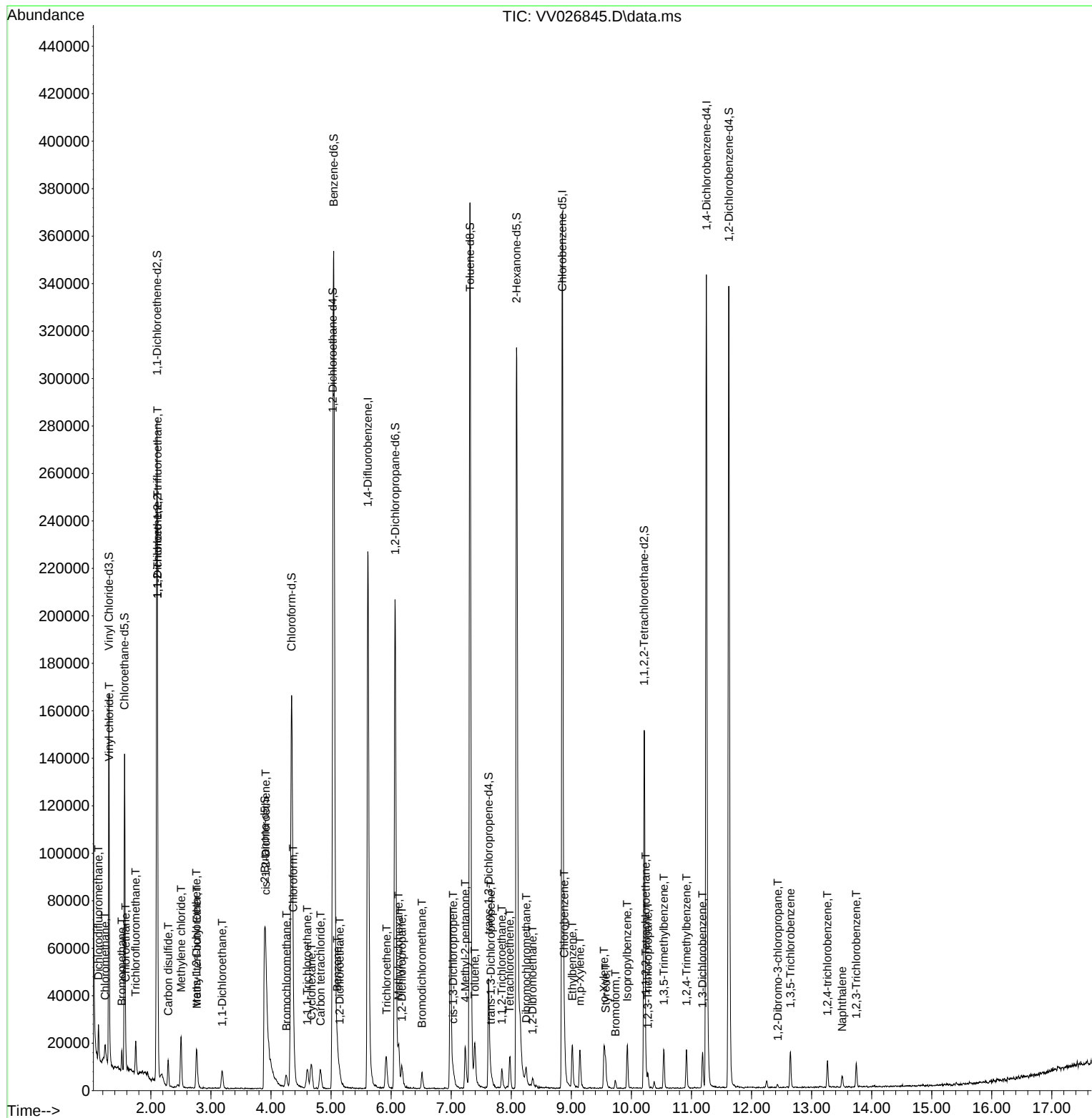
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
31) Carbon tetrachloride	4.825	117	6023	0.235	ug/L	94
33) Benzene	5.105	78	16743	0.233	ug/L	100
34) Trichloroethene	5.924	95	4034	0.228	ug/L	96
35) Methylcyclohexane	6.124	83	5745	0.213	ug/L	97
37) 1,2-Dichloropropane	6.178	63	4130	0.240	ug/L #	89
38) Bromodichloromethane	6.513	83	5307	0.237	ug/L	100
39) cis-1,3-Dichloropropene	7.034	75	4809	0.225	ug/L	100
40) 4-Methyl-2-pentanone	7.233	43	12784	1.609	ug/L #	83
42) Toluene	7.394	91	14997	0.206	ug/L	100
44) trans-1,3-Dichloropropene	7.661	75	3846	0.219	ug/L	95
45) 1,1,2-Trichloroethane	7.844	97	2806	0.223	ug/L	90
47) Tetrachloroethene	7.976	164	3053	0.220	ug/L	93
49) Dibromochloromethane	8.249	129	3187	0.220	ug/L	81
50) 1,2-Dibromoethane	8.355	107	2719	0.244	ug/L #	94
51) Chlorobenzene	8.883	112	10829	0.236	ug/L	95
52) Ethylbenzene	9.014	91	13795	0.192	ug/L	98
53) m,p-Xylene	9.143	106	5409	0.194	ug/L	99
54) o-Xylene	9.545	106	4483	0.169	ug/L	96
55) Styrene	9.571	104	7168	0.154	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	3575	0.240	ug/L #	92
59) Bromoform	9.735	173	1437	0.244	ug/L #	69
60) Isopropylbenzene	9.931	105	11778	0.206	ug/L	96
61) 1,2,3-Trichloropropane	10.275	75	2439	0.288	ug/L #	87
62) 1,3,5-Trimethylbenzene	10.538	105	8781	0.193	ug/L	100
63) 1,2,4-Trimethylbenzene	10.918	105	9057	0.196	ug/L	98
64) 1,3-Dichlorobenzene	11.185	146	6886	0.245	ug/L	90
68) 1,2-Dibromo-3-chloropr...	12.439	75	377	0.210	ug/L	89
69) 1,3,5-Trichlorobenzene	12.648	180	5282	0.266	ug/L	95
70) 1,2,4-trichlorobenzene	13.265	180	3811	0.253	ug/L	98
71) Naphthalene	13.509	128	5033	0.201	ug/L #	86
72) 1,2,3-Trichlorobenzene	13.744	180	3396	0.242	ug/L	92

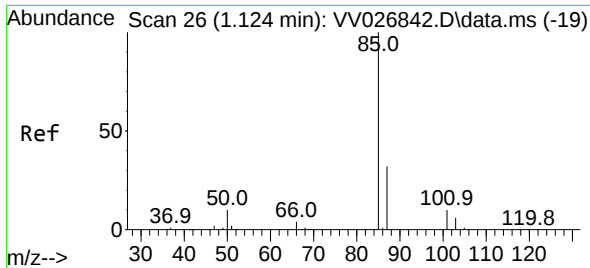
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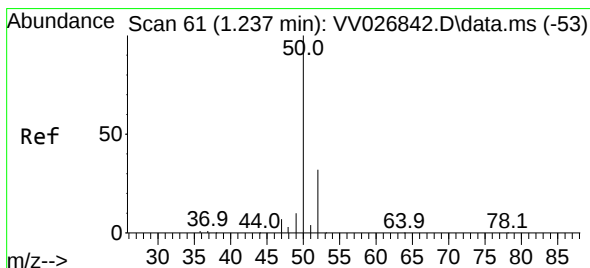
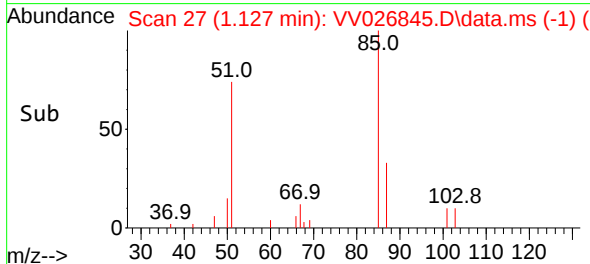
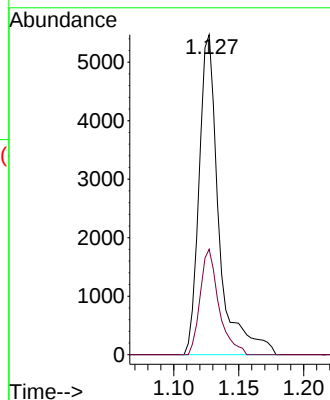
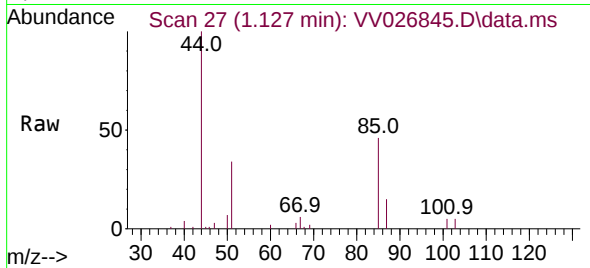




#2
 Dichlorodifluoromethane
 Concen: 0.223 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV026845.D
 Acq: 20 Jul 2022 11:29

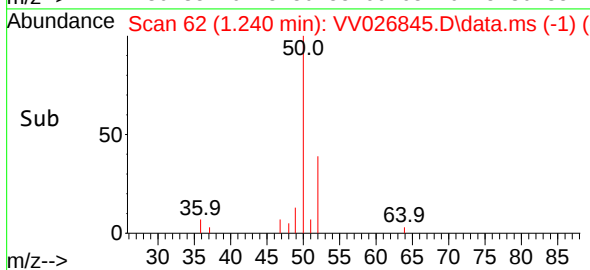
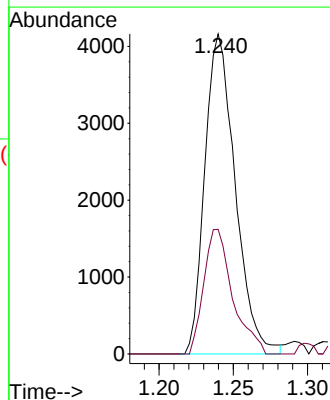
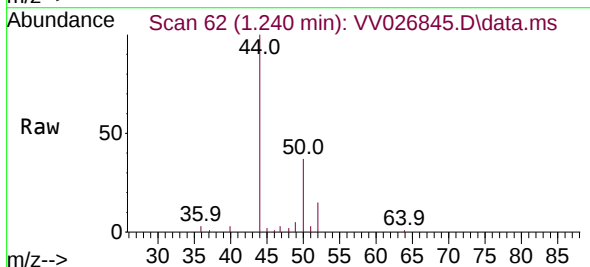
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 MDL-WATER-QT2-2022-04

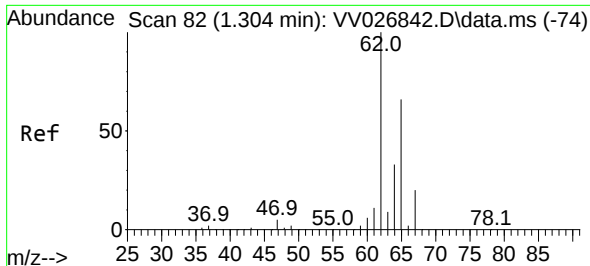
Tgt Ion: 85 Resp: 5835
 Ion Ratio Lower Upper
 85 100
 87 30.8 25.8 38.8



#3
 Chloromethane
 Concen: 0.236 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.003 min
 Lab File: VV026845.D
 Acq: 20 Jul 2022 11:29

Tgt Ion: 50 Resp: 5925
 Ion Ratio Lower Upper
 50 100
 52 38.9 22.8 42.4

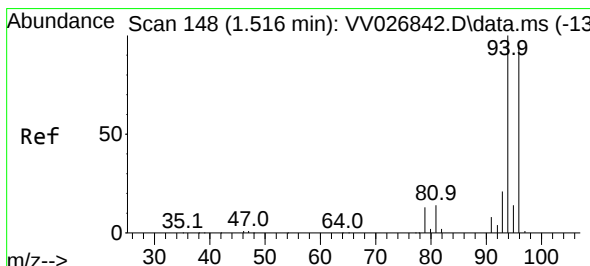
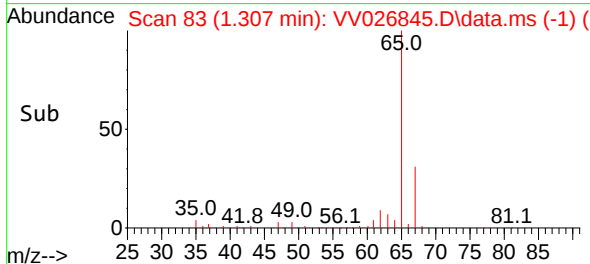
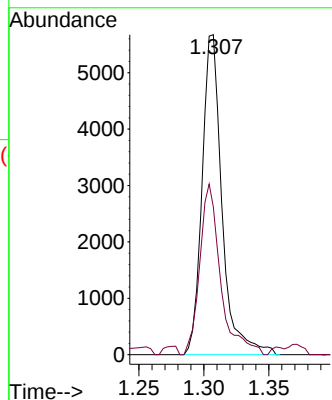
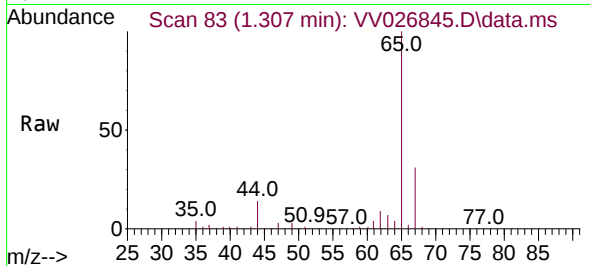




#5
 Vinyl chloride
 Concen: 0.238 ug/L
 RT: 1.307 min Scan# 81
 Delta R.T. 0.003 min
 Lab File: VV026845.D
 Acq: 20 Jul 2022 11:29

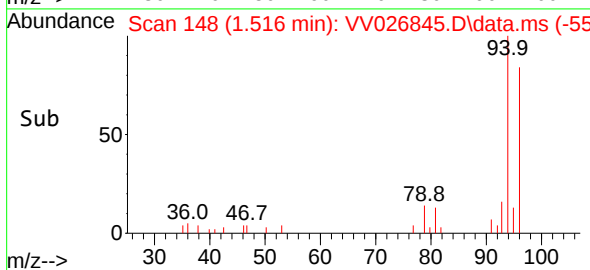
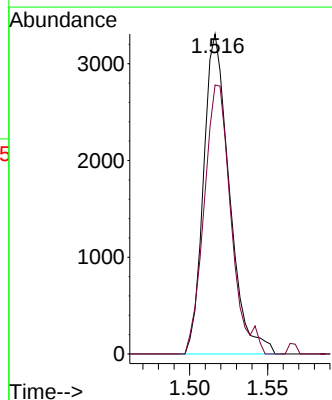
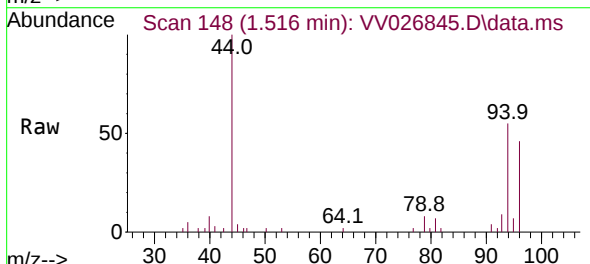
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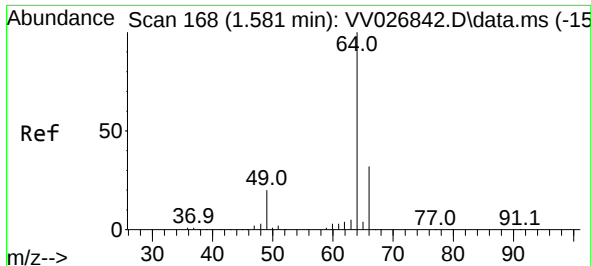
Tgt Ion: 62 Resp: 6083
 Ion Ratio Lower Upper
 62 100
 64 46.2 22.9 42.5#



#6
 Bromomethane
 Concen: 0.249 ug/L
 RT: 1.516 min Scan# 148
 Delta R.T. -0.000 min
 Lab File: VV026845.D
 Acq: 20 Jul 2022 11:29

Tgt Ion: 94 Resp: 3810
 Ion Ratio Lower Upper
 94 100
 96 84.1 67.1 124.7

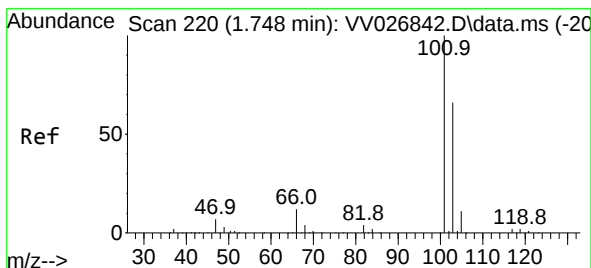
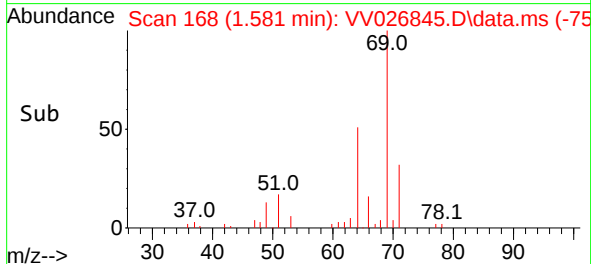
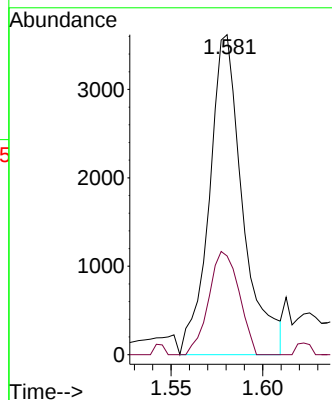
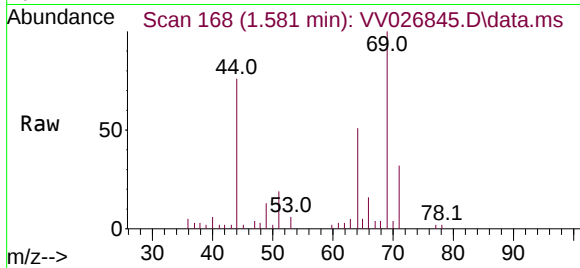




#8
Chloroethane
Concen: 0.305 ug/L
RT: 1.581 min Scan# 1
Delta R.T. -0.000 min
Lab File: VV026845.D
Acq: 20 Jul 2022 11:29

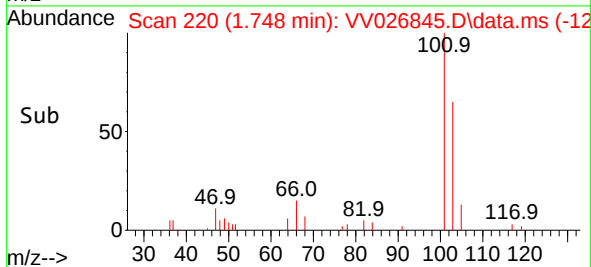
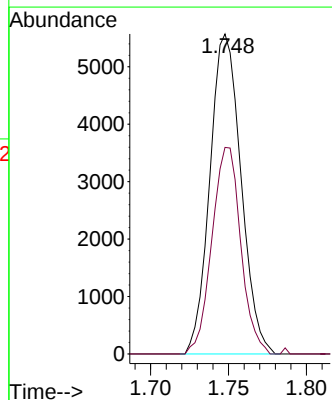
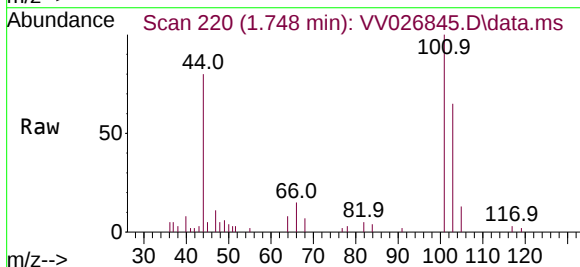
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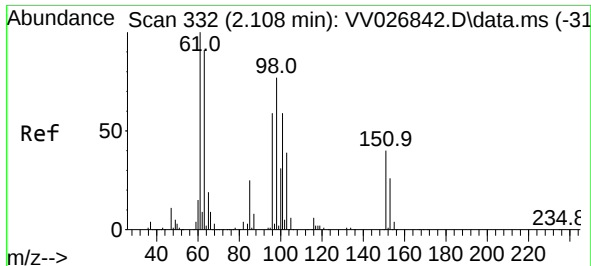
Tgt Ion: 64 Resp: 4591
Ion Ratio Lower Upper
64 100
66 30.8 23.9 44.5



#9
Trichlorofluoromethane
Concen: 0.238 ug/L
RT: 1.748 min Scan# 220
Delta R.T. -0.000 min
Lab File: VV026845.D
Acq: 20 Jul 2022 11:29

Tgt Ion:101 Resp: 7723
Ion Ratio Lower Upper
101 100
103 59.9 51.6 77.4

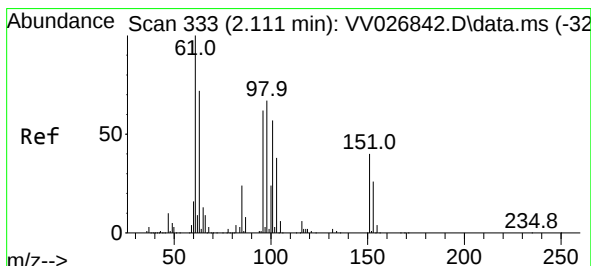
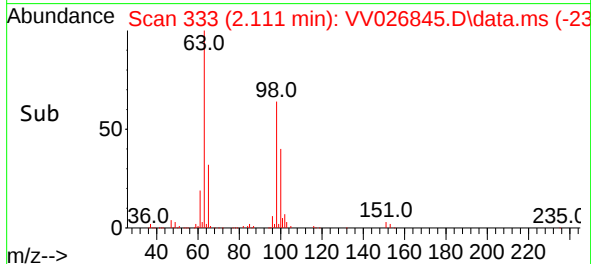
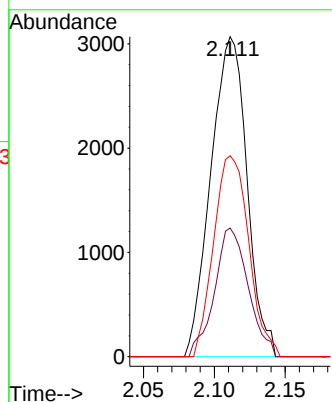
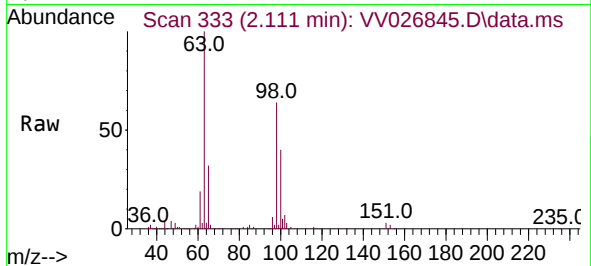




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.293 ug/L
RT: 2.111 min Scan# 333
Delta R.T. 0.003 min
Lab File: VV026845.D
Acq: 20 Jul 2022 11:29

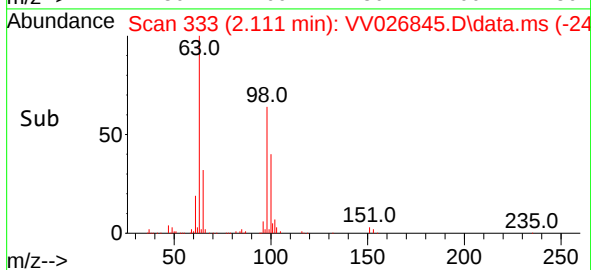
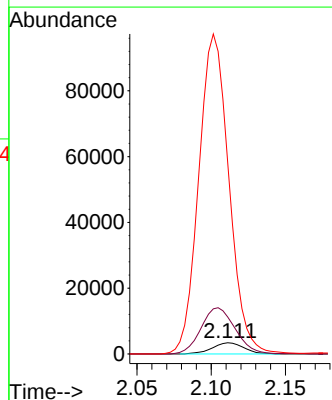
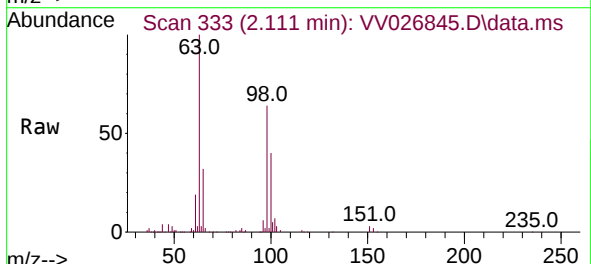
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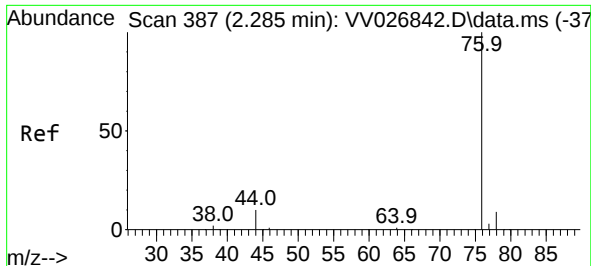
Tgt Ion:101 Resp: 5444
Ion Ratio Lower Upper
101 100
85 37.5 35.0 52.4
151 61.1 56.7 85.1



#12
1,1-Dichloroethene
Concen: 0.279 ug/L
RT: 2.111 min Scan# 333
Delta R.T. -0.000 min
Lab File: VV026845.D
Acq: 20 Jul 2022 11:29

Tgt Ion: 96 Resp: 5040
Ion Ratio Lower Upper
96 100
61 331.2 118.3 219.7#
63 1714.2 79.9 148.3#

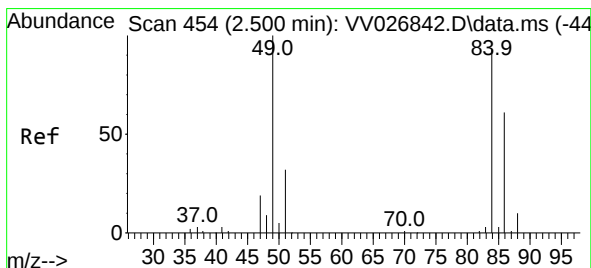
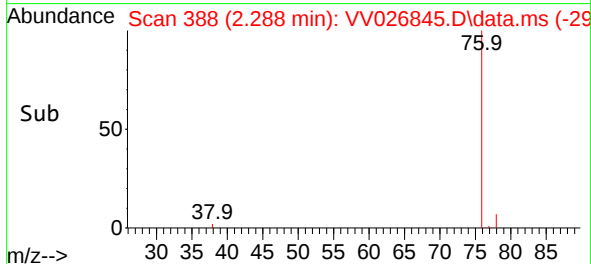
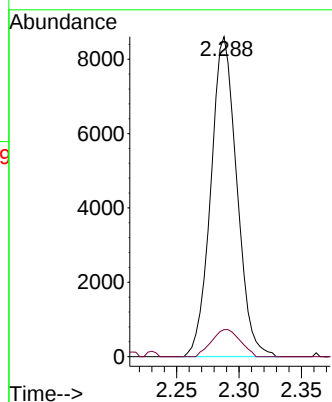
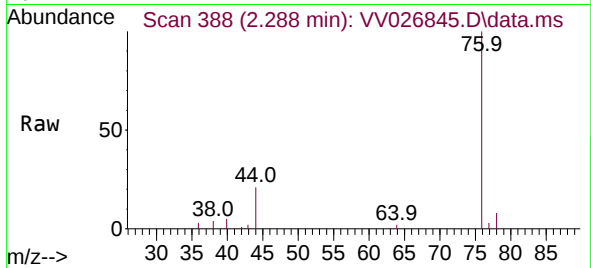




#14
Carbon disulfide
Concen: 0.235 ug/L
RT: 2.288 min Scan# 387
Delta R.T. 0.003 min
Lab File: VV026845.D
Acq: 20 Jul 2022 11:29

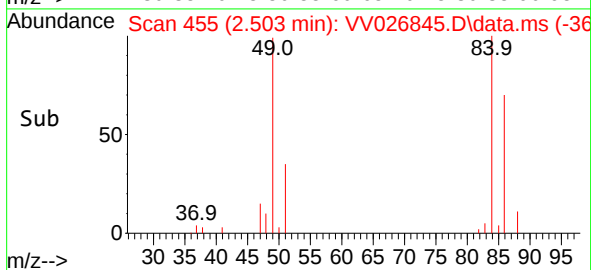
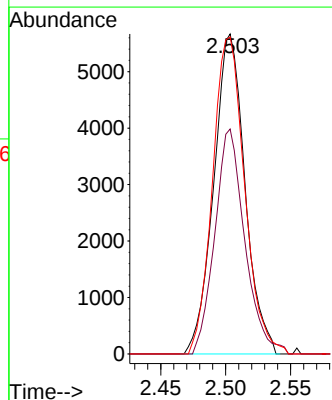
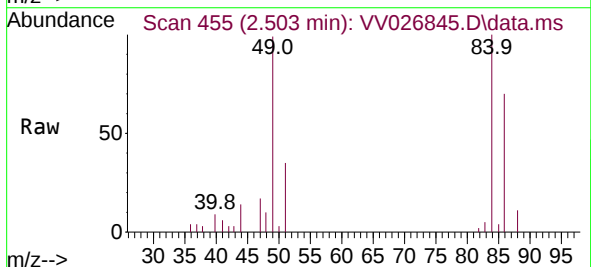
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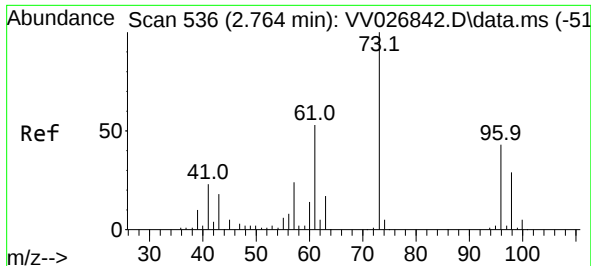
Tgt Ion: 76 Resp: 12493
Ion Ratio Lower Upper
76 100
78 8.5 7.7 11.5



#16
Methylene chloride
Concen: 0.441 ug/L
RT: 2.503 min Scan# 455
Delta R.T. 0.003 min
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Tgt Ion: 84 Resp: 9478
Ion Ratio Lower Upper
84 100
86 70.3 44.8 83.2
49 99.1 78.7 146.1

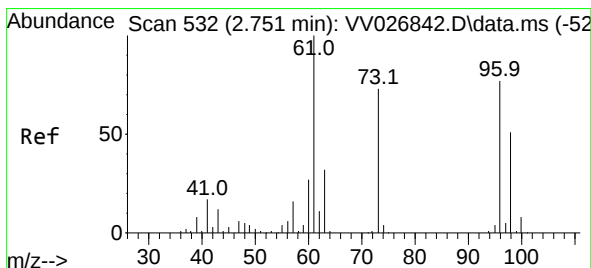
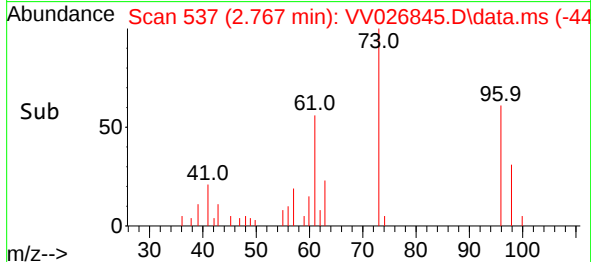
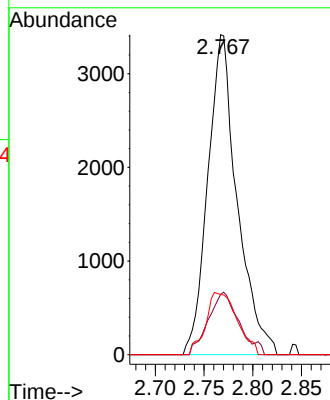
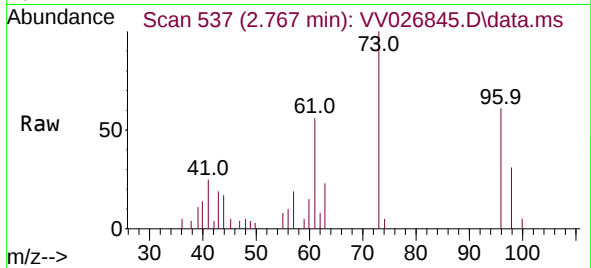




#17
Methyl tert-butyl Ether
Concen: 0.230 ug/L
RT: 2.767 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV026845.D
Acq: 20 Jul 2022 11:29

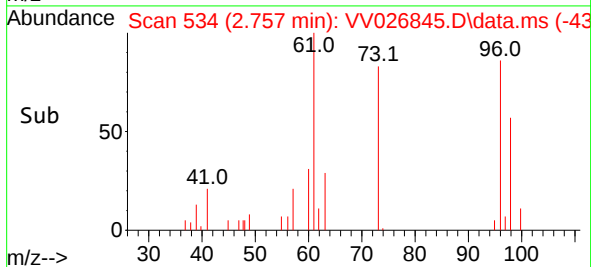
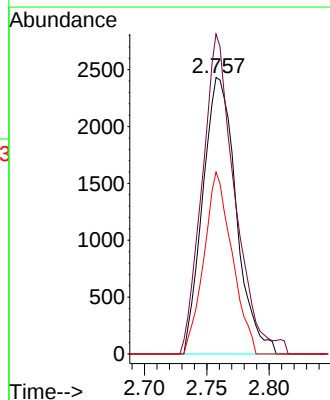
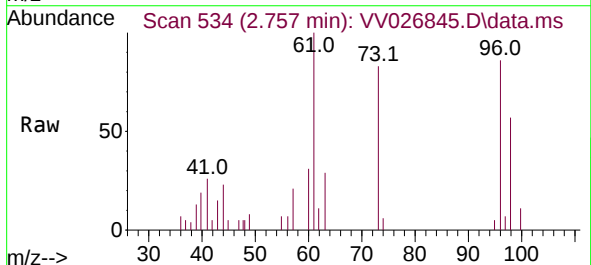
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2022-04

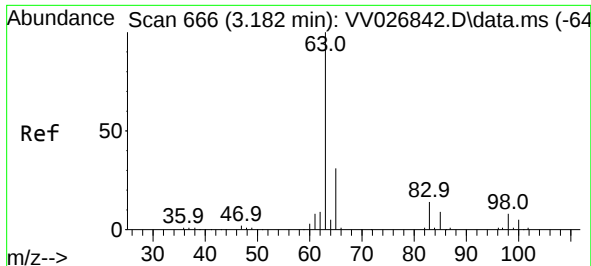
Tgt Ion: 73	Resp:	7160
Ion	Ratio	Lower Upper
73	100	
43	20.4	14.0 21.0
57	20.7	17.6 26.4



#18
trans-1,2-Dichloroethene
Concen: 0.274 ug/L
RT: 2.757 min Scan# 534
Delta R.T. 0.006 min
Lab File: VV026845.D
Acq: 20 Jul 2022 11:29

Tgt Ion: 96	Resp:	4541
Ion	Ratio	Lower Upper
96	100	
61	115.7	94.7 175.9
98	65.7	47.4 88.0





#19

1,1-Dichloroethane

Concen: 0.253 ug/L

RT: 3.185 min Scan# 6

Delta R.T. 0.003 min

Lab File: VV026845.D

Acq: 20 Jul 2022 11:29

Instrument :

MSVOA_V

ClientSampleId :

MDL-WATER-QT2-2022-04

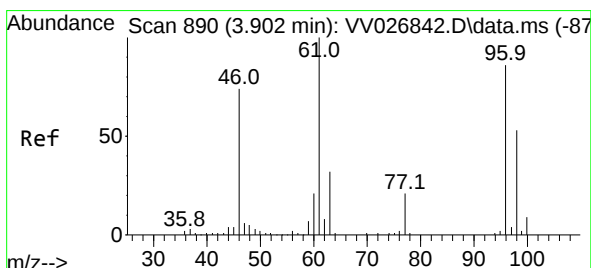
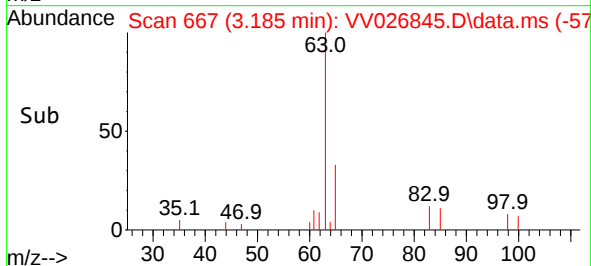
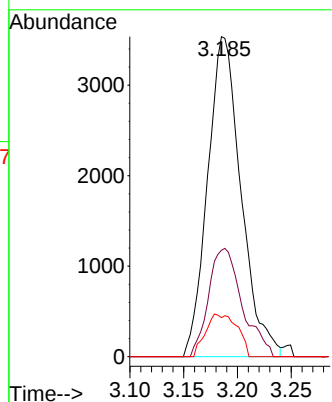
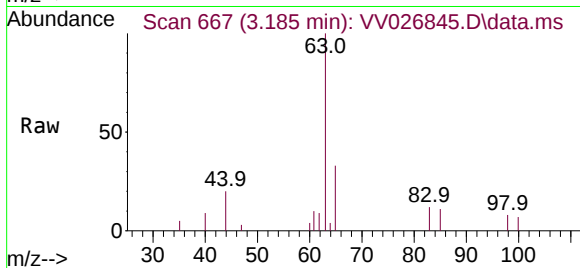
Tgt Ion: 63 Resp: 7644

Ion Ratio Lower Upper

63 100

65 33.2 22.3 41.3

83 12.2 9.9 18.5



#22

cis-1,2-Dichloroethene

Concen: 0.249 ug/L

RT: 3.912 min Scan# 893

Delta R.T. 0.010 min

Lab File: VV026845.D

Acq: 20 Jul 2022 11:29

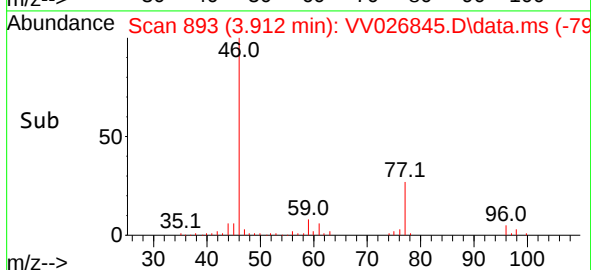
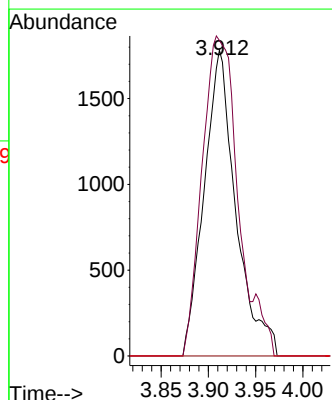
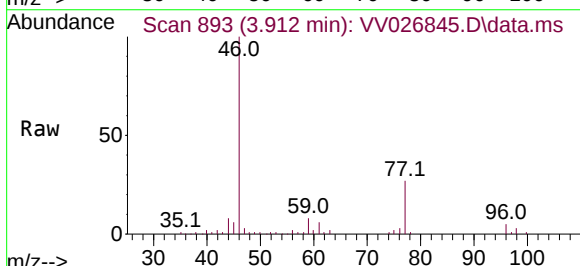
Tgt Ion: 96 Resp: 4159

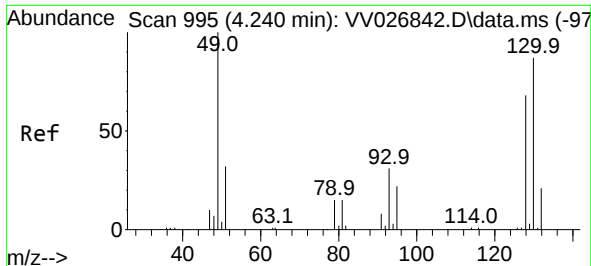
Ion Ratio Lower Upper

96 100

61 103.1 83.9 155.9

68 0.0 0.0 0.0

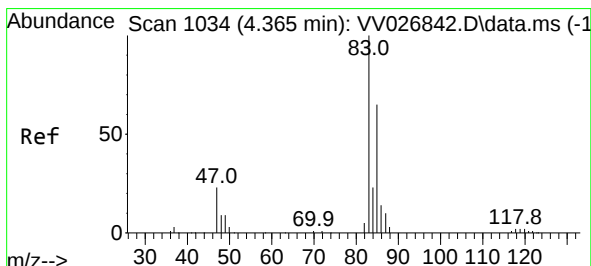
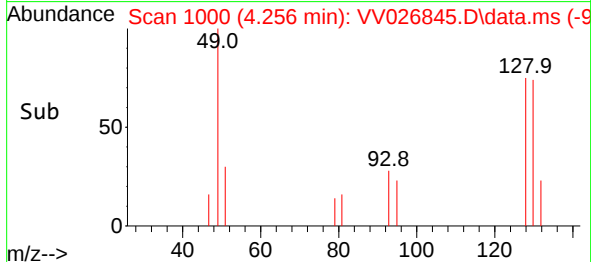
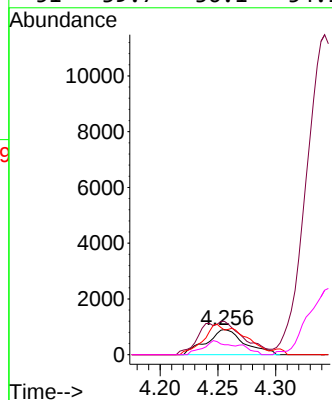
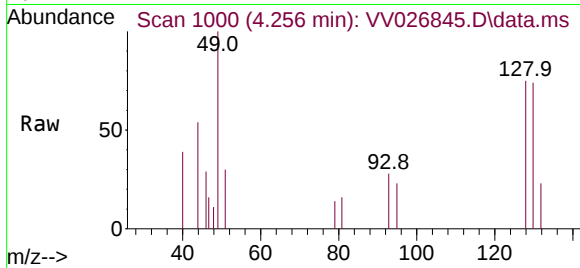




#23
Bromochloromethane
Concen: 0.267 ug/L
RT: 4.256 min Scan# 1000
Delta R.T. 0.016 min
Lab File: VV026845.D
Acq: 20 Jul 2022 11:29

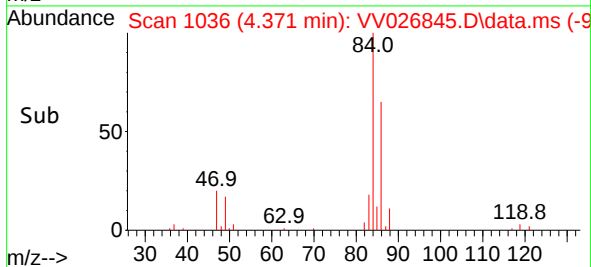
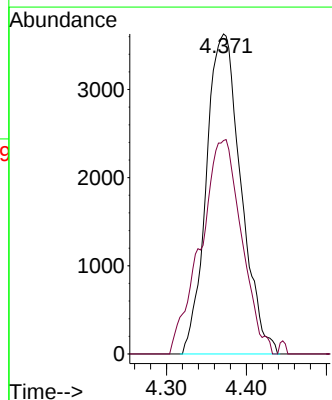
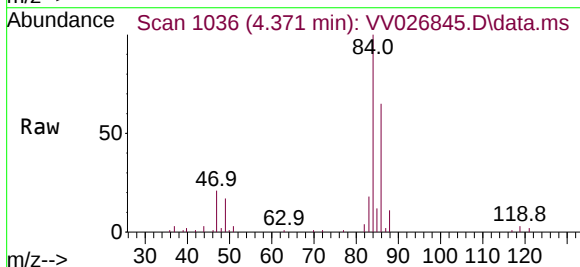
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2022-04

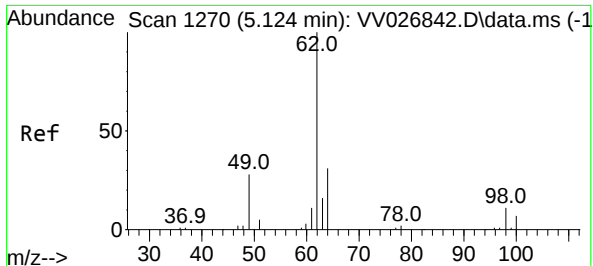
Tgt Ion:	128	Resp:	2054
Ion	Ratio	Lower	Upper
128	100		
49	132.9	107.2	199.2
130	98.1	87.1	161.7
51	39.7	36.1	54.1



#25
Chloroform
Concen: 0.344 ug/L
RT: 4.371 min Scan# 1036
Delta R.T. 0.006 min
Lab File: VV026845.D
Acq: 20 Jul 2022 11:29

Tgt Ion:	83	Resp:	10909
Ion	Ratio	Lower	Upper
83	100		
85	66.7	45.7	84.9





#27

1,2-Dichloroethane

Concen: 0.238 ug/L

RT: 5.143 min Scan# 1109

Delta R.T. 0.019 min

Lab File: VV026845.D

Acq: 20 Jul 2022 11:29

Instrument :

MSVOA_V

ClientSampleId :

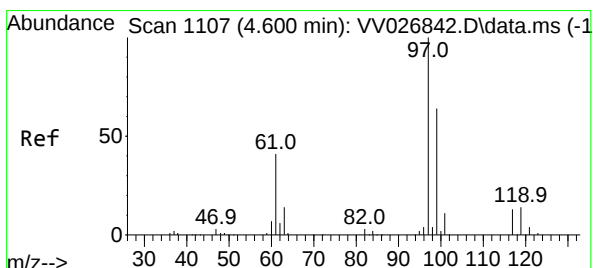
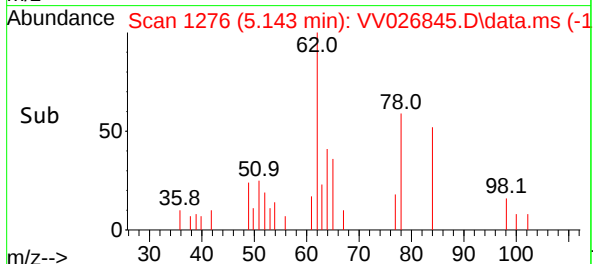
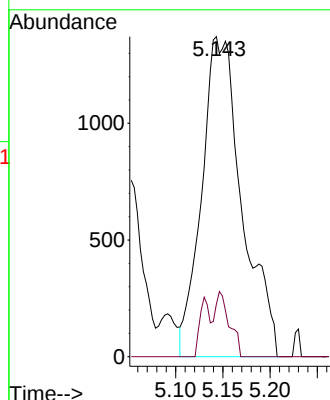
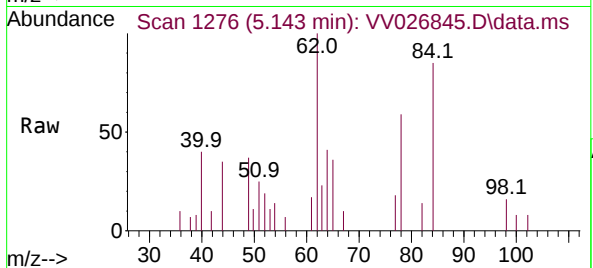
MDL-WATER-QT2-2022-04

Tgt Ion: 62 Resp: 4067

Ion Ratio Lower Upper

62 100

98 16.4 8.3 12.5#



#29

1,1,1-Trichloroethane

Concen: 0.245 ug/L

RT: 4.606 min Scan# 1109

Delta R.T. 0.006 min

Lab File: VV026845.D

Acq: 20 Jul 2022 11:29

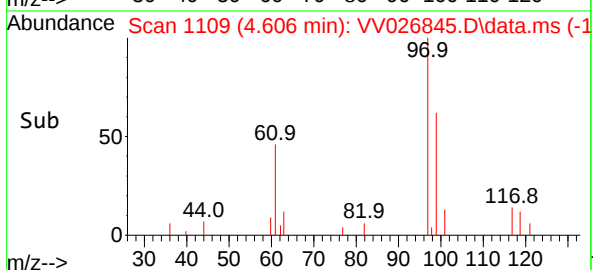
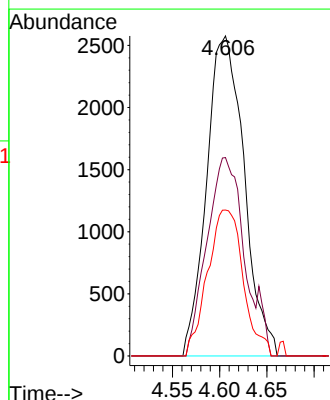
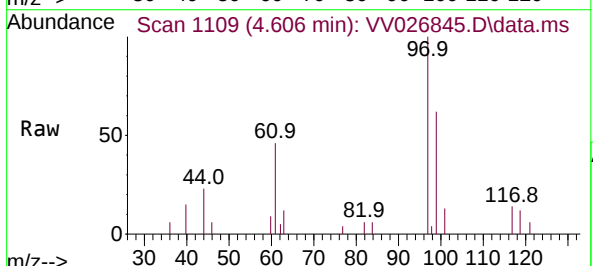
Tgt Ion: 97 Resp: 7100

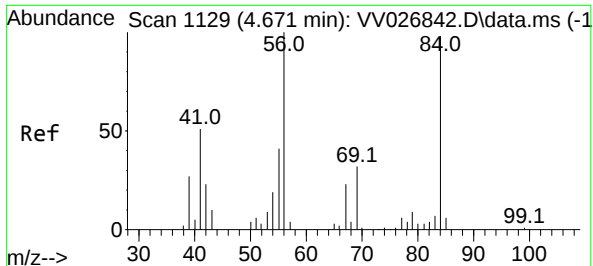
Ion Ratio Lower Upper

97 100

99 58.7 51.3 76.9

61 43.4 35.1 52.7





#30

Cyclohexane

Concen: 0.193 ug/L

RT: 4.674 min Scan# 1129

Delta R.T. 0.003 min

Lab File: VV026845.D

Acq: 20 Jul 2022 11:29

Instrument :

MSVOA_V

ClientSampleId :

MDL-WATER-QT2-2022-04

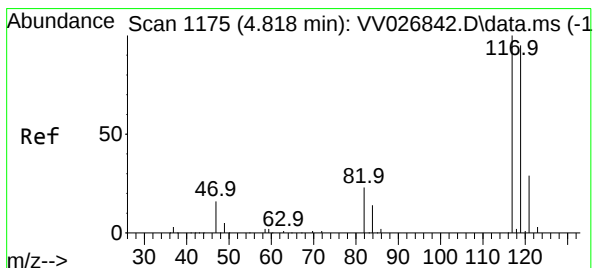
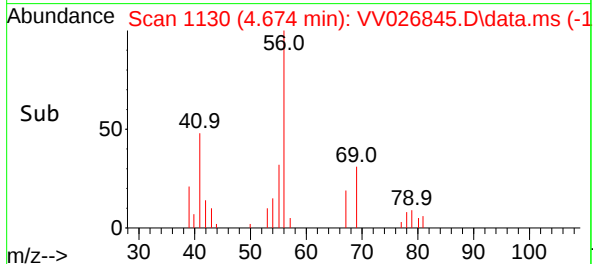
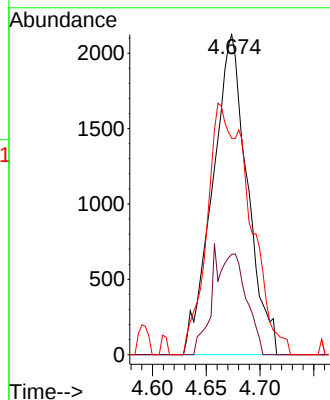
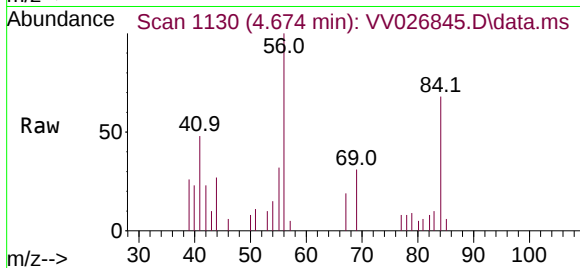
Tgt Ion: 56 Resp: 4763

Ion Ratio Lower Upper

56 100

69 30.8 25.1 37.7

84 60.2 74.0 111.0#



#31

Carbon tetrachloride

Concen: 0.235 ug/L

RT: 4.825 min Scan# 1177

Delta R.T. 0.006 min

Lab File: VV026845.D

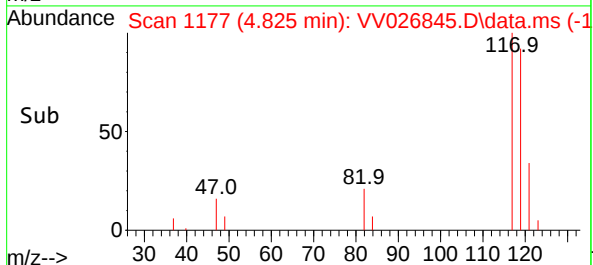
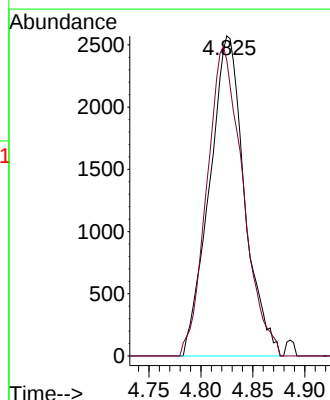
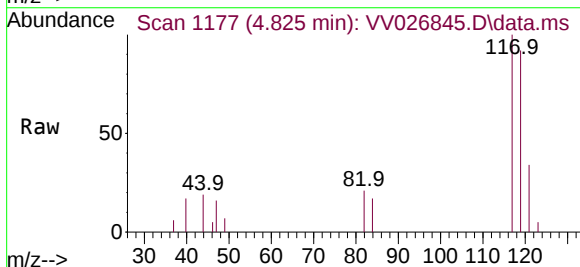
Acq: 20 Jul 2022 11:29

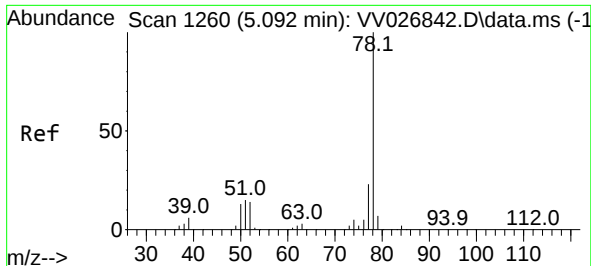
Tgt Ion: 117 Resp: 6023

Ion Ratio Lower Upper

117 100

119 99.5 75.1 112.7

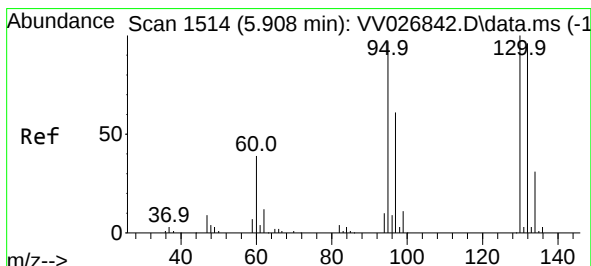
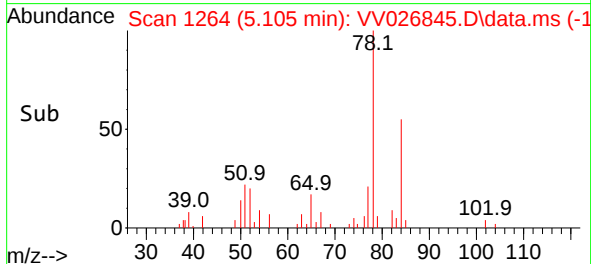
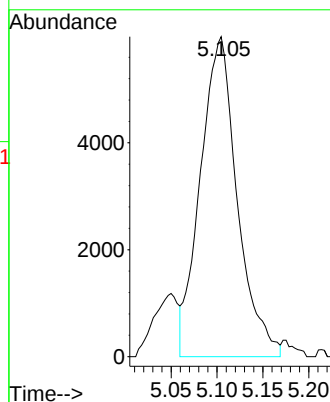
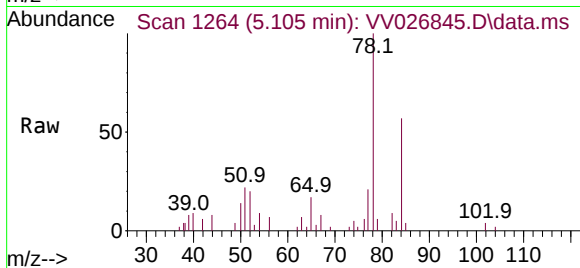




#33
Benzene
Concen: 0.233 ug/L
RT: 5.105 min Scan# 11
Delta R.T. 0.013 min
Lab File: VV026845.D
Acq: 20 Jul 2022 11:29

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2022-04

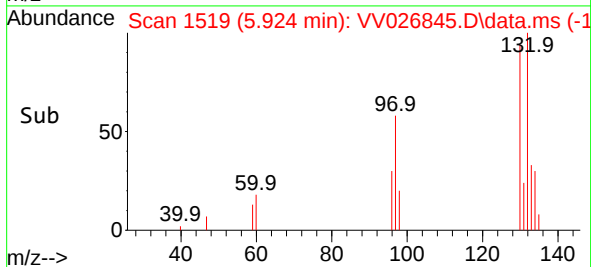
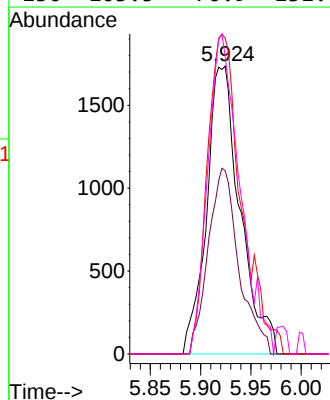
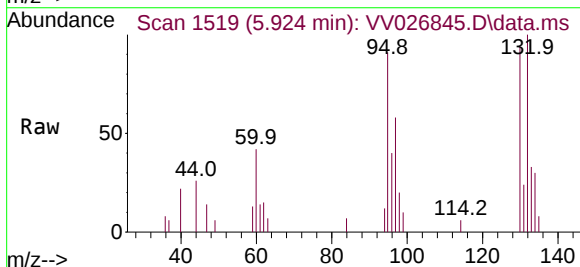
Tgt Ion: 78 Resp: 16743

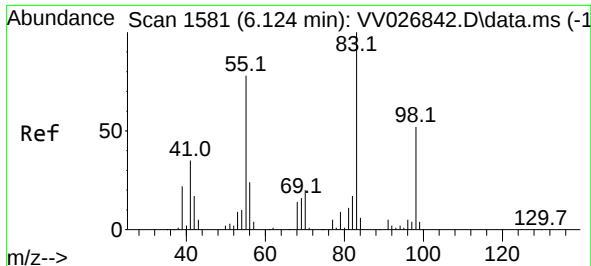


#34
Trichloroethene
Concen: 0.228 ug/L
RT: 5.924 min Scan# 1519
Delta R.T. 0.016 min
Lab File: VV026845.D
Acq: 20 Jul 2022 11:29

Tgt Ion: 95 Resp: 4034

Ion	Ratio	Lower	Upper
95	100		
97	63.7	44.6	82.8
132	109.7	70.2	130.4
130	103.5	70.9	131.7

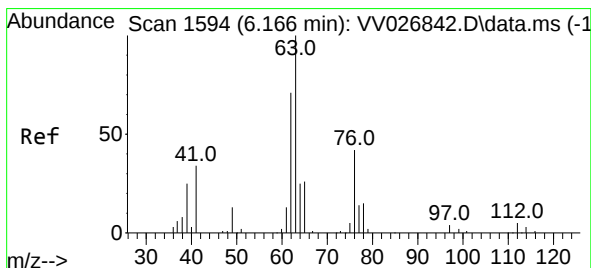
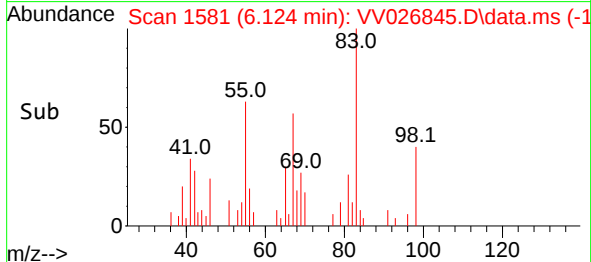
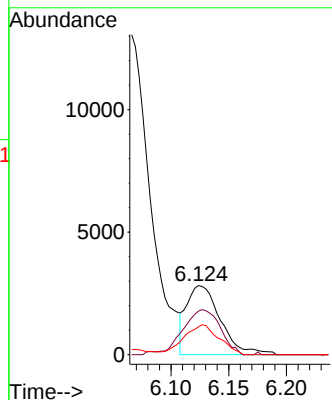
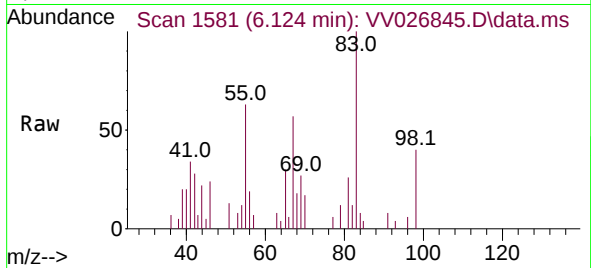




#35
Methylcyclohexane
Concen: 0.213 ug/L
RT: 6.124 min Scan# 1581
Delta R.T. -0.000 min
Lab File: VV026845.D
Acq: 20 Jul 2022 11:29

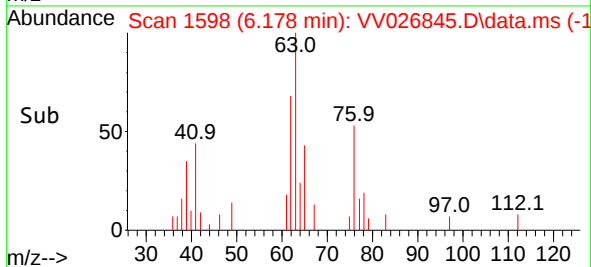
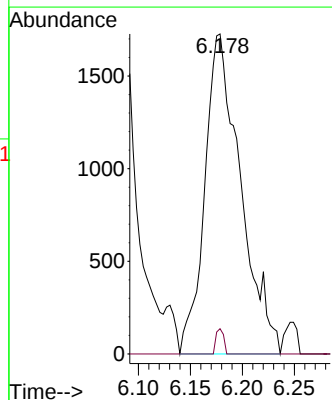
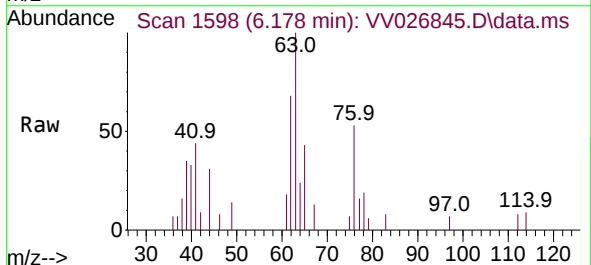
Instrument : MSVOA_V
ClientSampleId : MDL-WATER-QT2-2022-04

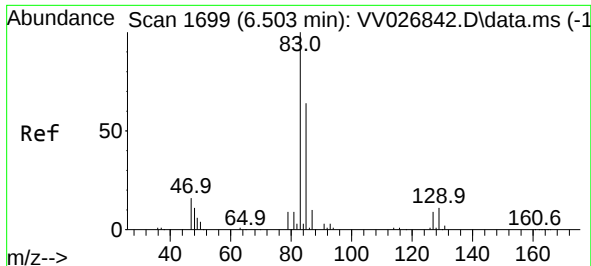
Tgt Ion:	83	Resp:	5745
Ion	Ratio	Lower	Upper
83	100		
55	72.5	59.5	89.3
98	45.3	38.3	57.5



#37
1,2-Dichloropropane
Concen: 0.240 ug/L
RT: 6.178 min Scan# 1598
Delta R.T. 0.013 min
Lab File: VV026845.D
Acq: 20 Jul 2022 11:29

Tgt Ion:	63	Resp:	4130
Ion	Ratio	Lower	Upper
63	100		
112	1.7	4.2	6.2#

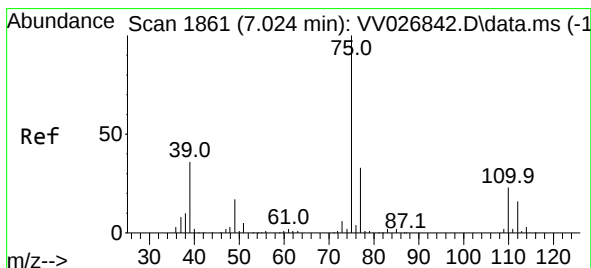
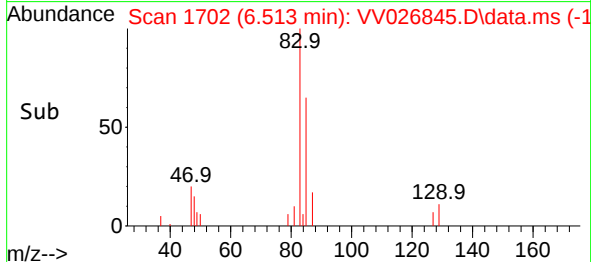
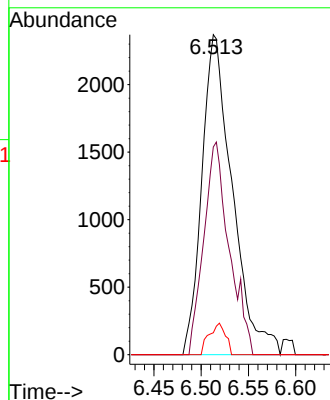
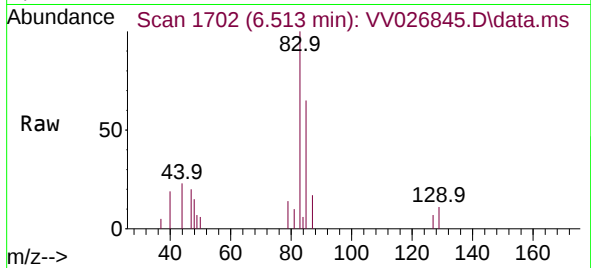




#38
Bromodichloromethane
Concen: 0.237 ug/L
RT: 6.513 min Scan# 1
Delta R.T. 0.010 min
Lab File: VV026845.D
Acq: 20 Jul 2022 11:29

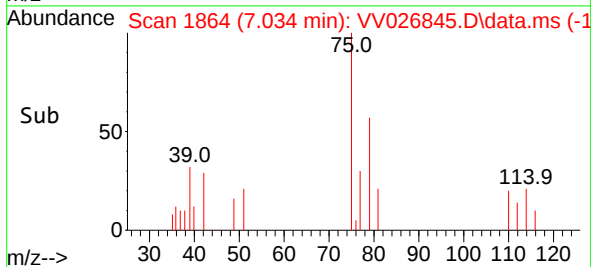
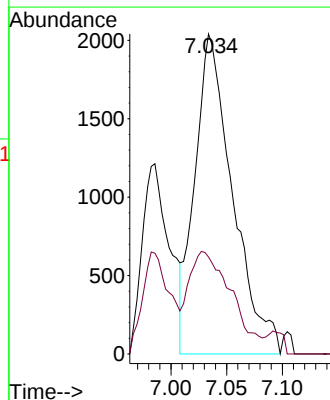
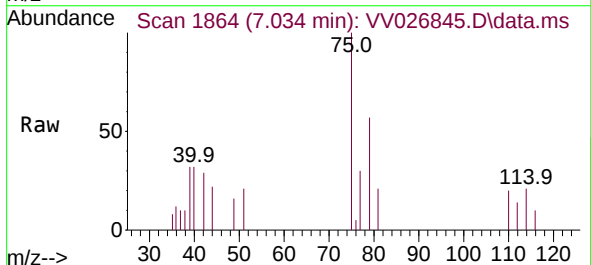
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2022-04

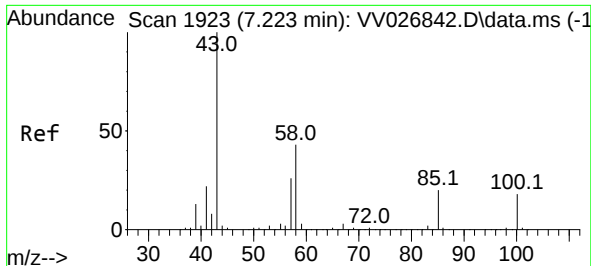
Tgt Ion: 83	Resp: 5307
Ion Ratio	Lower Upper
83 100	
85 64.9	45.4 84.4
127 6.9	6.6 10.0



#39
cis-1,3-Dichloropropene
Concen: 0.225 ug/L
RT: 7.034 min Scan# 1864
Delta R.T. 0.010 min
Lab File: VV026845.D
Acq: 20 Jul 2022 11:29

Tgt Ion: 75	Resp: 4809
Ion Ratio	Lower Upper
75 100	
77 30.3	21.4 39.8





#40

4-Methyl-2-pentanone

Concen: 1.609 ug/L

RT: 7.233 min Scan# 1923

Delta R.T. 0.010 min

Lab File: VV026845.D

Acq: 20 Jul 2022 11:29

Instrument :

MSVOA_V

ClientSampleId :

MDL-WATER-QT2-2022-04

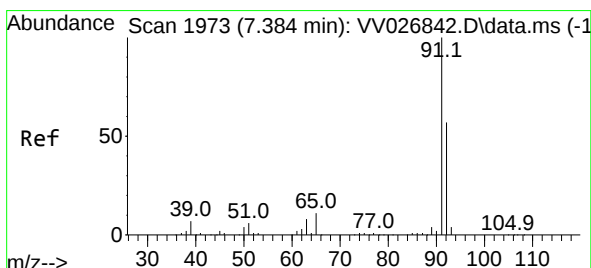
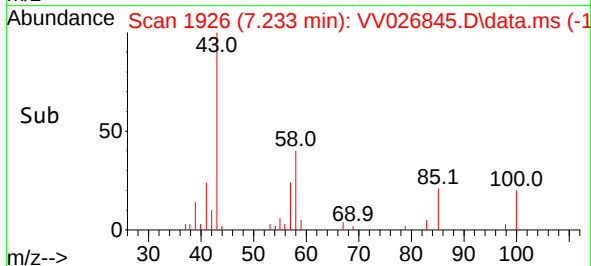
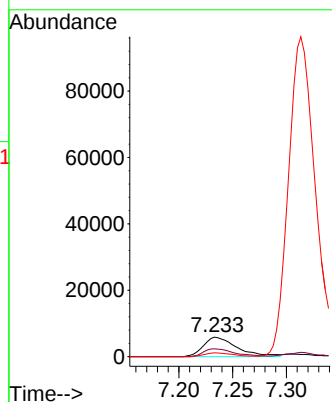
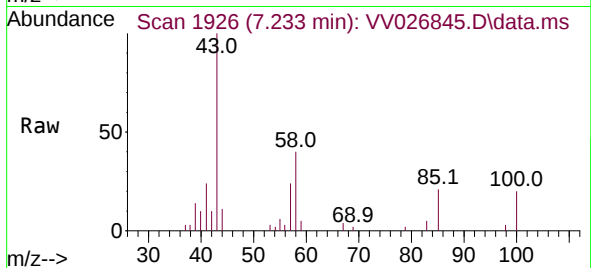
Tgt Ion: 43 Resp: 12784

Ion Ratio Lower Upper

43 100

58 37.6 34.6 51.8

100 0.0 13.6 20.4#



#42

Toluene

Concen: 0.206 ug/L

RT: 7.394 min Scan# 1976

Delta R.T. 0.010 min

Lab File: VV026845.D

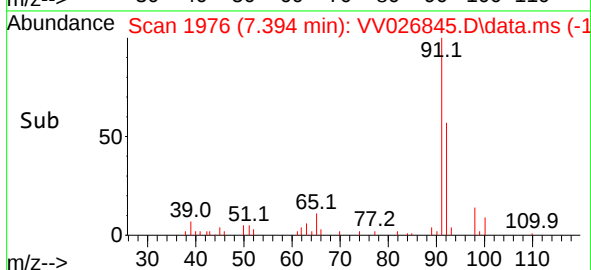
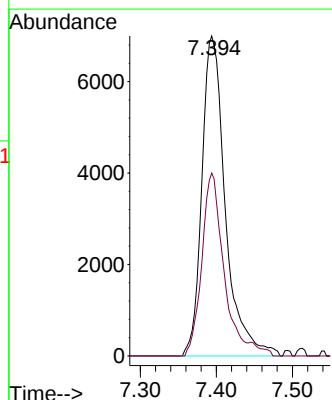
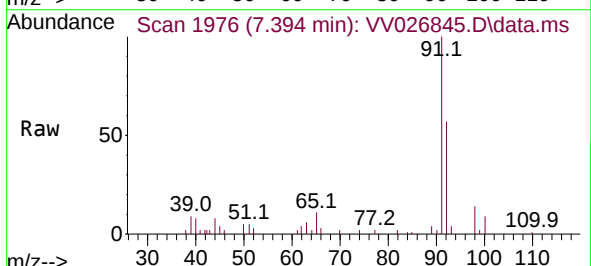
Acq: 20 Jul 2022 11:29

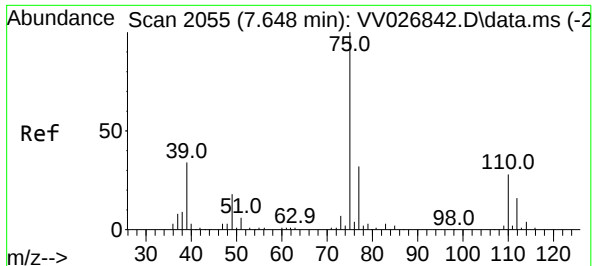
Tgt Ion: 91 Resp: 14997

Ion Ratio Lower Upper

91 100

92 57.2 40.2 74.6

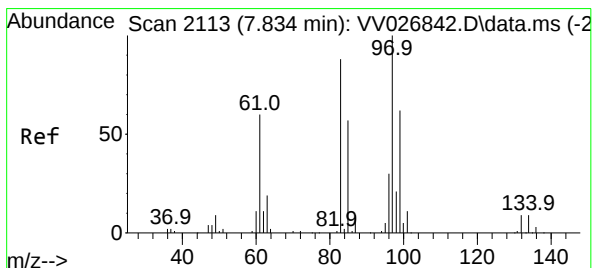
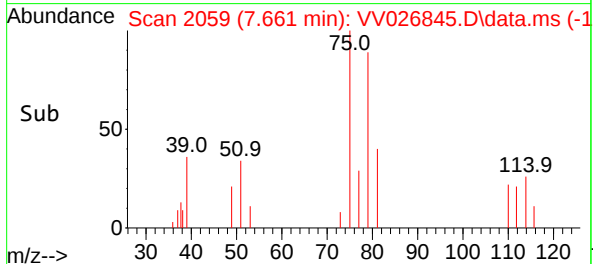
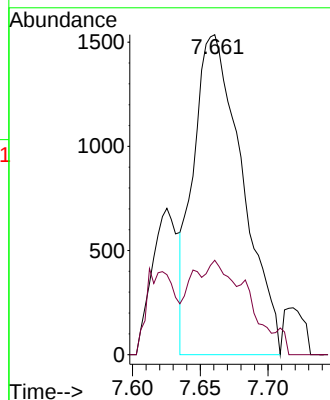
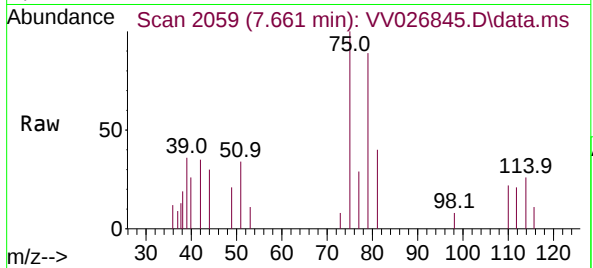




#44
trans-1,3-Dichloropropene
Concen: 0.219 ug/L
RT: 7.661 min Scan# 2055
Delta R.T. 0.013 min
Lab File: VV026845.D
Acq: 20 Jul 2022 11:29

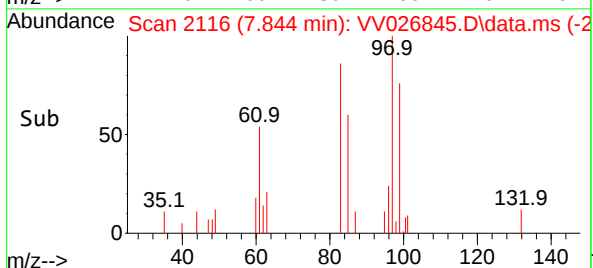
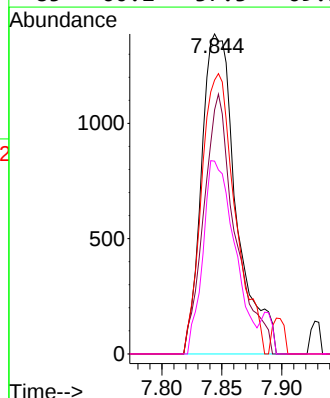
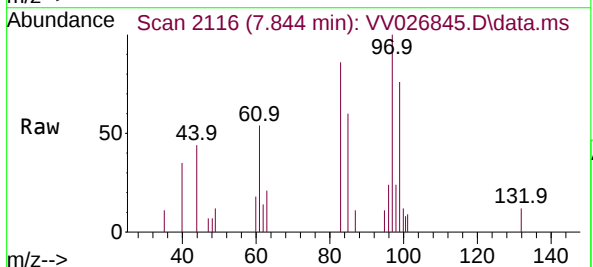
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2022-04

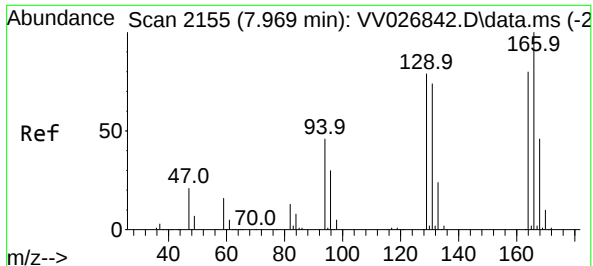
Tgt Ion: 75 Resp: 3846
Ion Ratio Lower Upper
75 100
77 29.5 22.7 42.3



#45
1,1,2-Trichloroethane
Concen: 0.223 ug/L
RT: 7.844 min Scan# 2116
Delta R.T. 0.010 min
Lab File: VV026845.D
Acq: 20 Jul 2022 11:29

Tgt Ion: 97 Resp: 2806
Ion Ratio Lower Upper
97 100
99 76.3 41.9 77.9
83 85.6 58.1 107.9
85 60.2 37.3 69.3





#47

Tetrachloroethene

Concen: 0.220 ug/L

RT: 7.976 min Scan# 2155

Delta R.T. 0.006 min

Lab File: VV026845.D

Acq: 20 Jul 2022 11:29

Instrument :

MSVOA_V

ClientSampleId :

MDL-WATER-QT2-2022-04

Tgt Ion:164 Resp: 3053

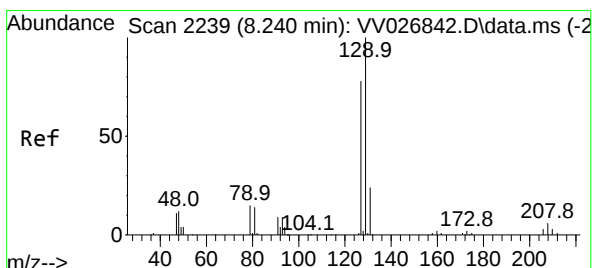
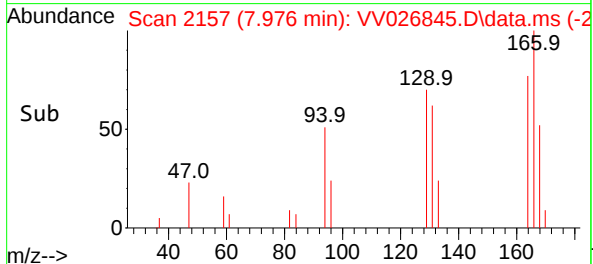
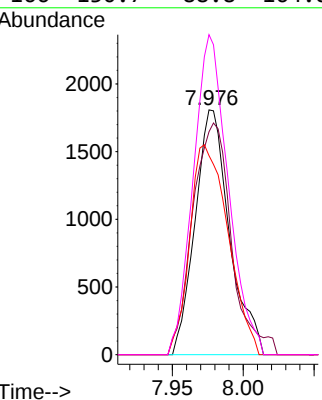
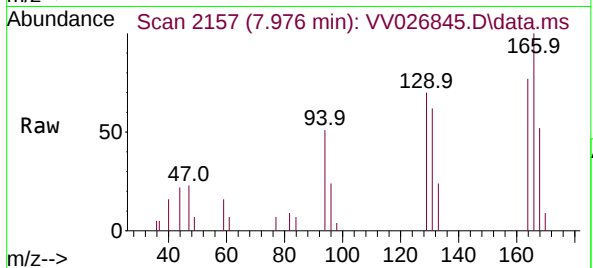
Ion Ratio Lower Upper

164 100

129 91.0 67.8 125.8

131 81.3 65.9 122.5

166 130.7 88.8 164.8



#49

Dibromochloromethane

Concen: 0.220 ug/L

RT: 8.249 min Scan# 2242

Delta R.T. 0.010 min

Lab File: VV026845.D

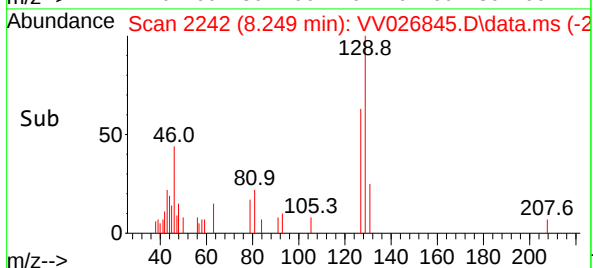
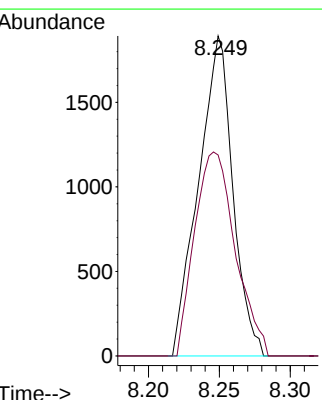
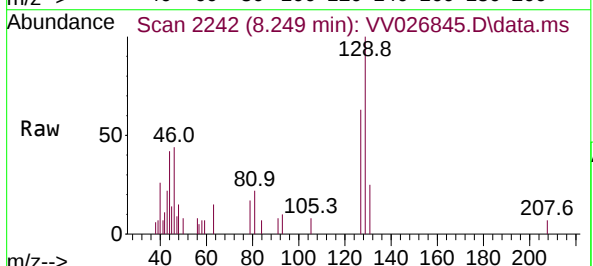
Acq: 20 Jul 2022 11:29

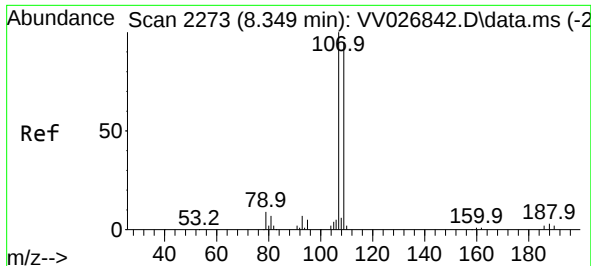
Tgt Ion:129 Resp: 3187

Ion Ratio Lower Upper

129 100

127 62.8 55.7 103.5





#50

1,2-Dibromoethane

Concen: 0.244 ug/L

RT: 8.355 min Scan# 21

Delta R.T. 0.006 min

Lab File: VV026845.D

Acq: 20 Jul 2022 11:29

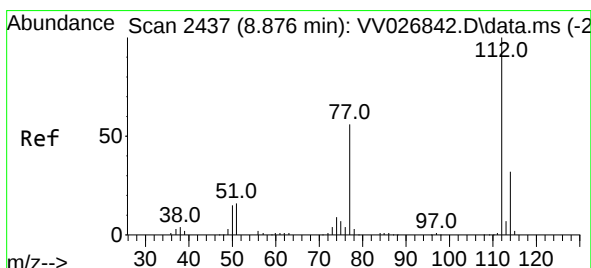
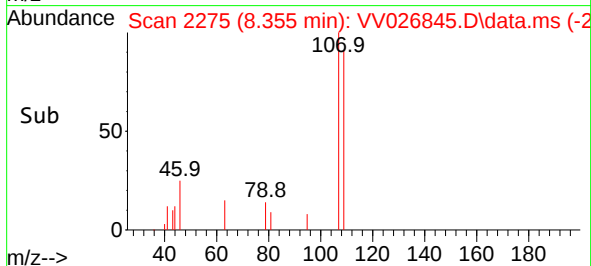
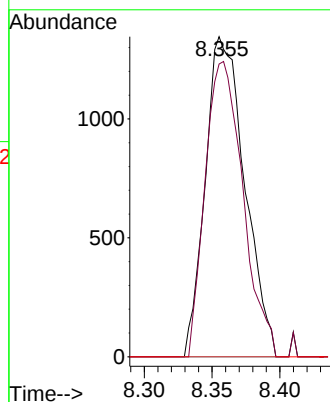
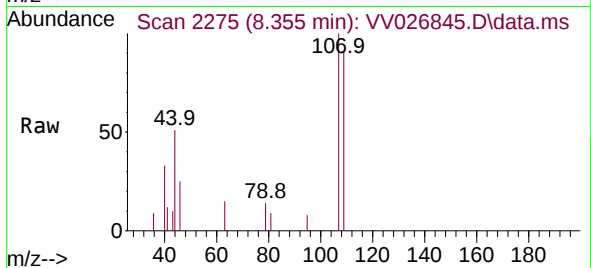
Instrument :

MSVOA_V

ClientSampleId :

MDL-WATER-QT2-2022-04

Tgt Ion:	107	Resp:	2719
Ion	Ratio	Lower	Upper
107	100		
109	91.5	68.0	126.4
188	0.0	2.8	4.2#



#51

Chlorobenzene

Concen: 0.236 ug/L

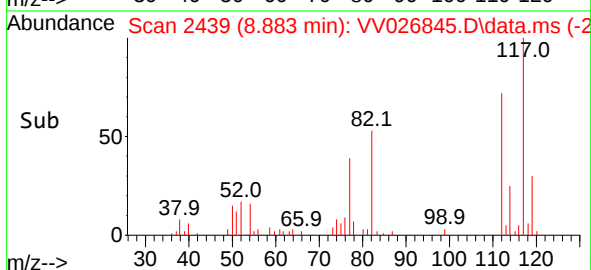
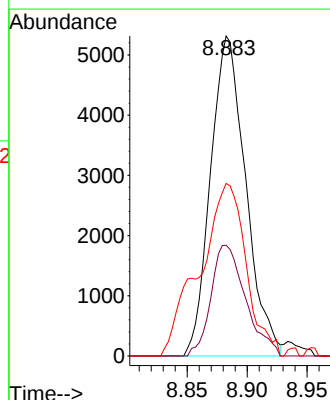
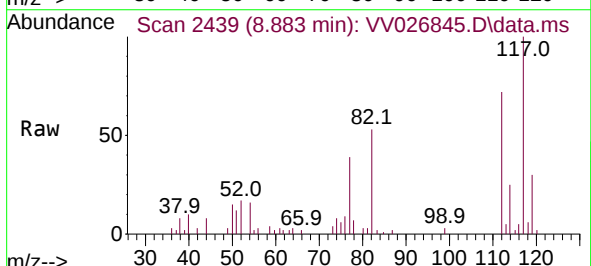
RT: 8.883 min Scan# 2439

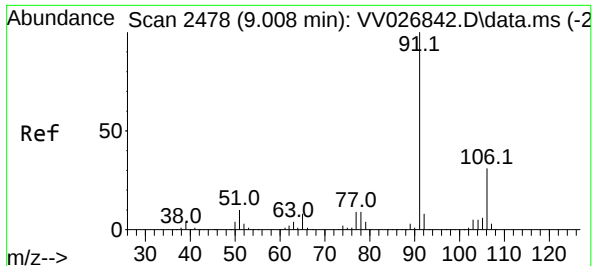
Delta R.T. 0.006 min

Lab File: VV026845.D

Acq: 20 Jul 2022 11:29

Tgt Ion:	112	Resp:	10829
Ion	Ratio	Lower	Upper
112	100		
114	34.6	22.7	42.1
77	53.9	46.6	70.0

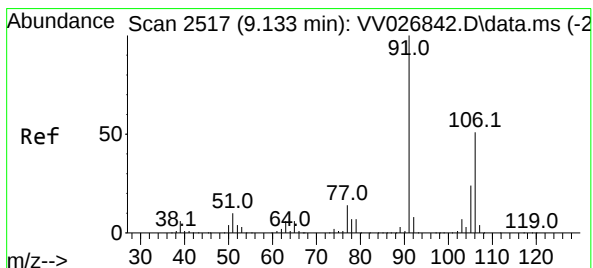
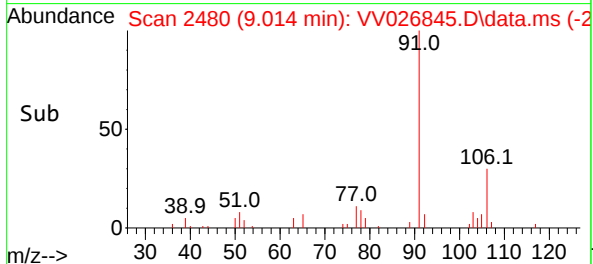
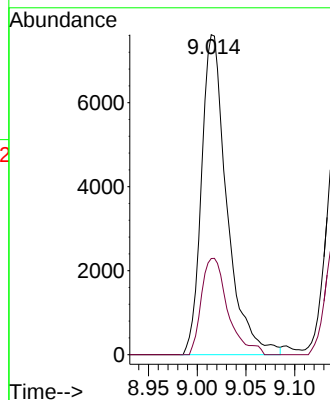
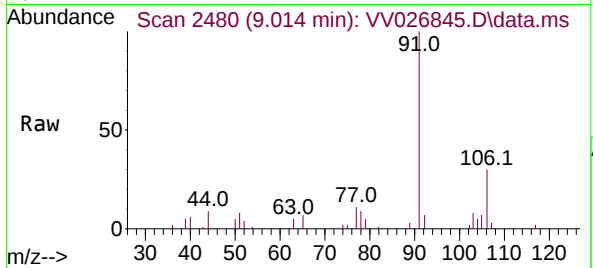




#52
Ethylbenzene
Concen: 0.192 ug/L
RT: 9.014 min Scan# 2478
Delta R.T. 0.006 min
Lab File: VV026845.D
Acq: 20 Jul 2022 11:29

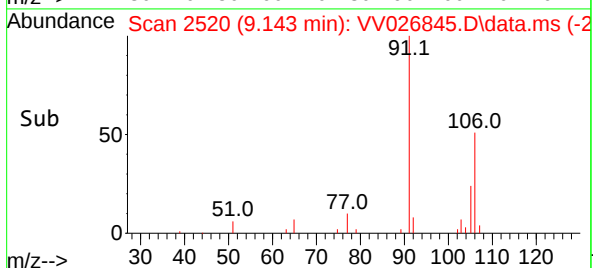
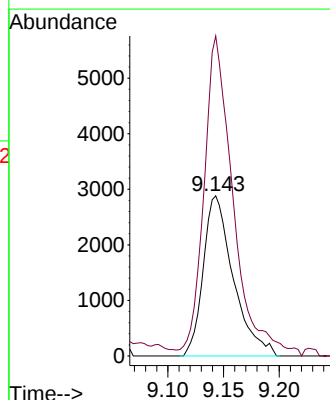
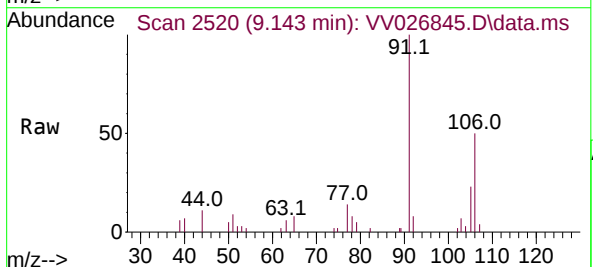
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2022-04

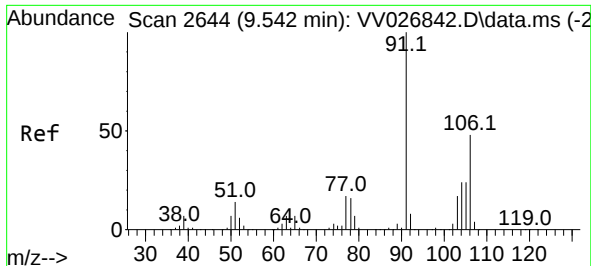
Tgt Ion: 91 Resp: 13795
Ion Ratio Lower Upper
91 100
106 30.1 21.6 40.2



#53
m,p-Xylene
Concen: 0.194 ug/L
RT: 9.143 min Scan# 2520
Delta R.T. 0.010 min
Lab File: VV026845.D
Acq: 20 Jul 2022 11:29

Tgt Ion: 106 Resp: 5409
Ion Ratio Lower Upper
106 100
91 199.9 139.3 258.7

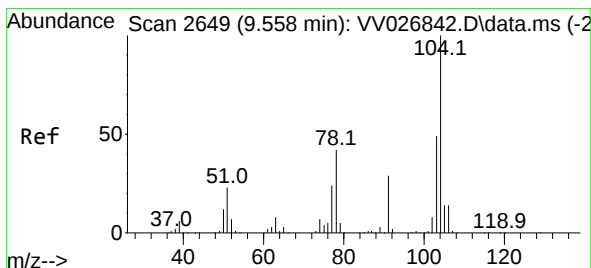
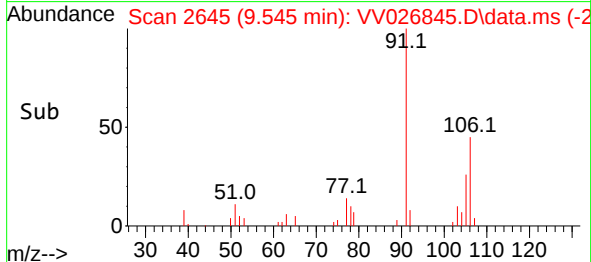
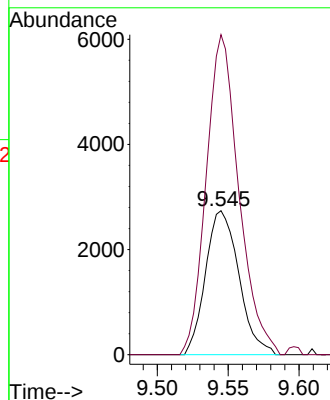
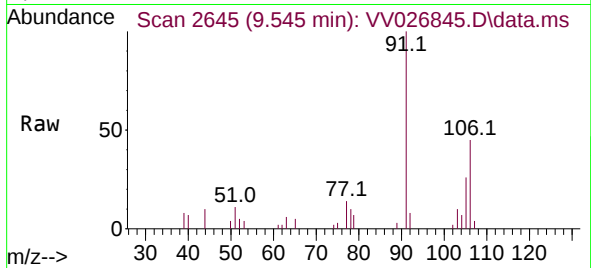




#54
o-Xylene
Concen: 0.169 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.003 min
Lab File: VV026845.D
Acq: 20 Jul 2022 11:29

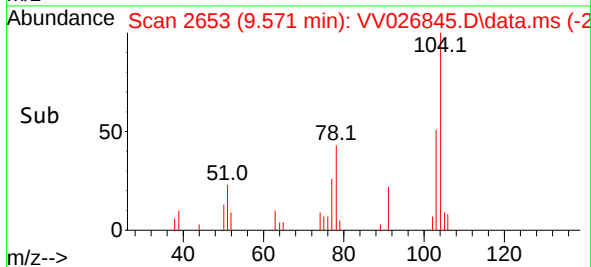
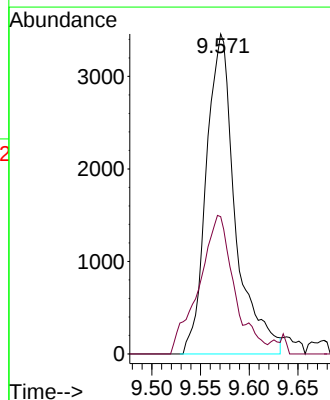
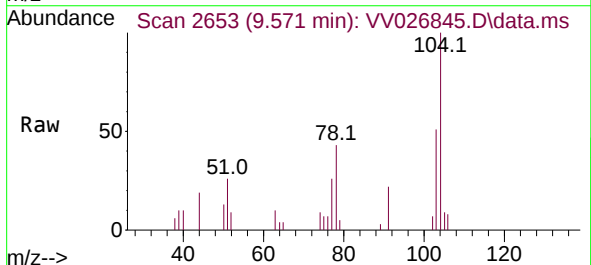
Instrument : MSVOA_V
ClientSampleId : MDL-WATER-QT2-2022-04

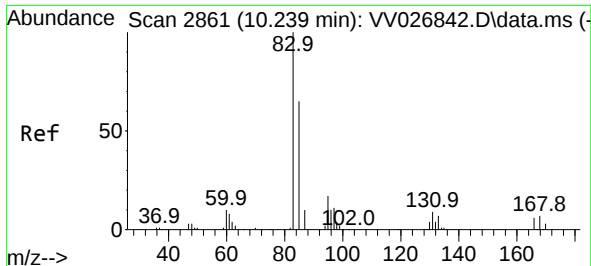
Tgt Ion:106 Resp: 4483
Ion Ratio Lower Upper
106 100
91 222.2 151.1 280.7



#55
Styrene
Concen: 0.154 ug/L
RT: 9.571 min Scan# 2653
Delta R.T. 0.013 min
Lab File: VV026845.D
Acq: 20 Jul 2022 11:29

Tgt Ion:104 Resp: 7168
Ion Ratio Lower Upper
104 100
78 42.9 29.5 54.9





#57

1,1,2,2-Tetrachloroethane

Concen: 0.240 ug/L

RT: 10.239 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV026845.D

Acq: 20 Jul 2022 11:29

Instrument :

MSVOA_V

ClientSampleId :

MDL-WATER-QT2-2022-04

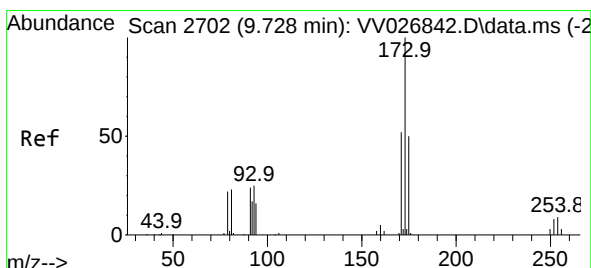
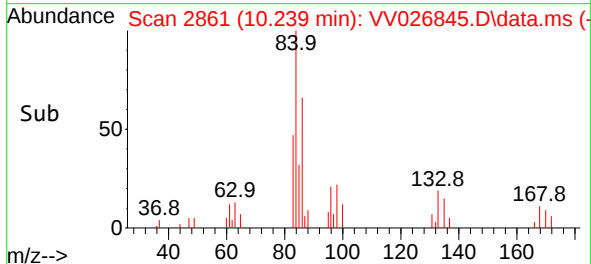
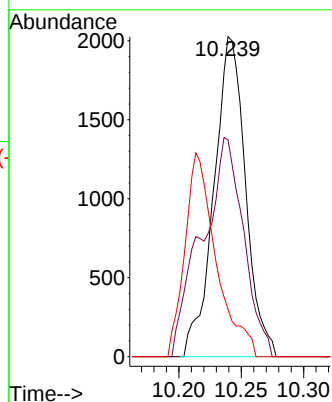
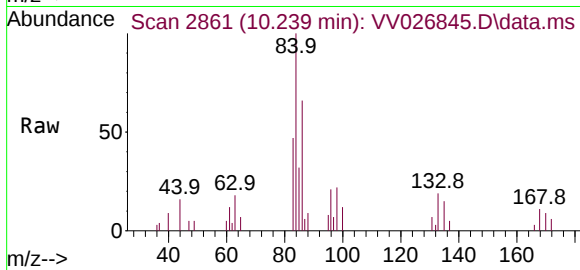
Tgt Ion: 83 Resp: 3575

Ion Ratio Lower Upper

83 100

85 67.8 43.6 81.0

131 14.9 7.4 11.2#



#59

Bromoform

Concen: 0.244 ug/L

RT: 9.735 min Scan# 2704

Delta R.T. 0.006 min

Lab File: VV026845.D

Acq: 20 Jul 2022 11:29

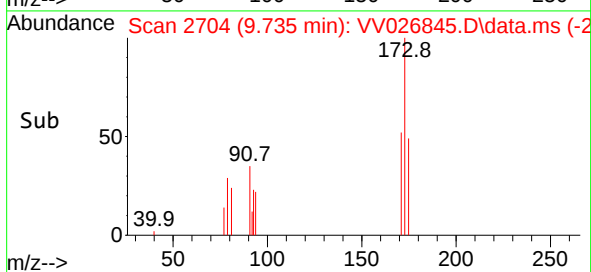
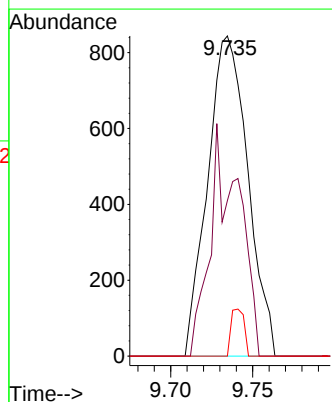
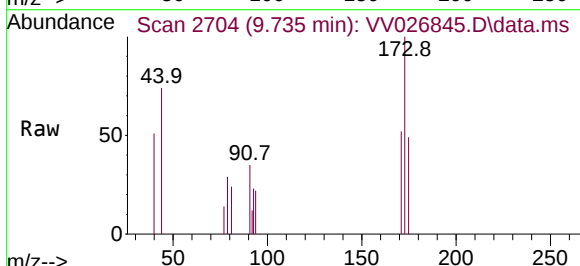
Tgt Ion: 173 Resp: 1437

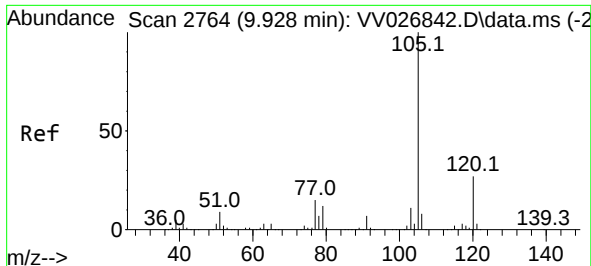
Ion Ratio Lower Upper

173 100

175 28.8 40.7 61.1#

254 0.0 6.5 9.7#

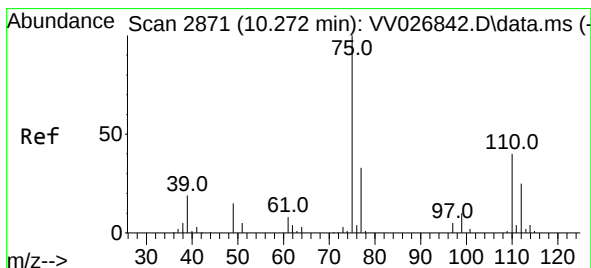
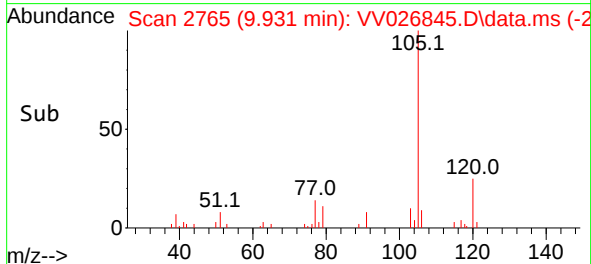
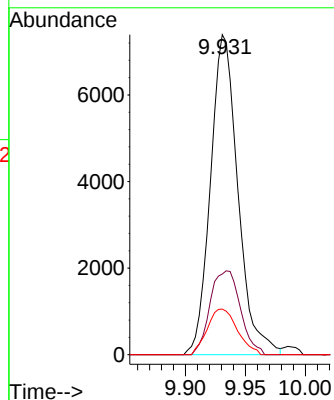
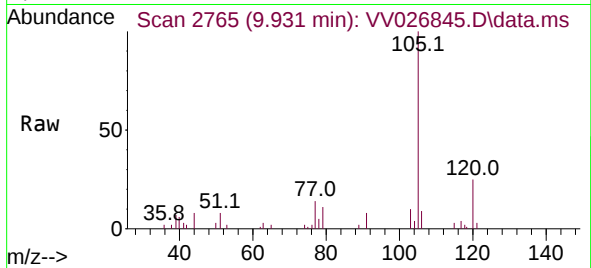




#60
Isopropylbenzene
Concen: 0.206 ug/L
RT: 9.931 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV026845.D
Acq: 20 Jul 2022 11:29

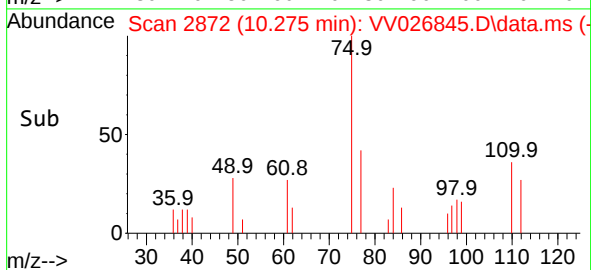
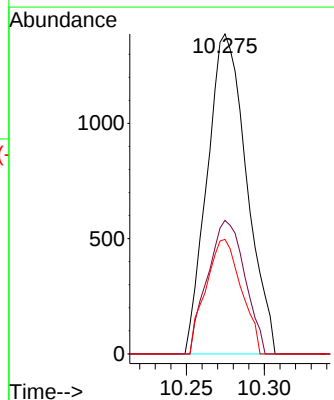
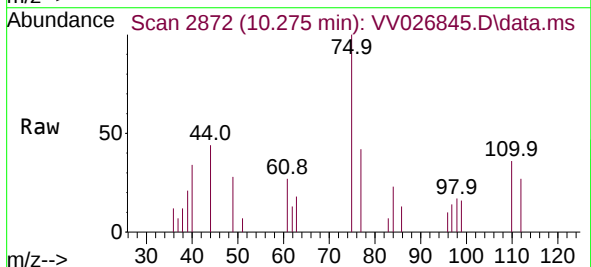
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2022-04

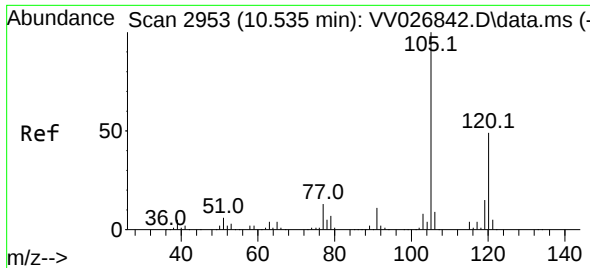
Tgt Ion:105 Resp: 11778
Ion Ratio Lower Upper
105 100
120 28.9 20.7 31.1
77 15.6 12.5 18.7



#61
1,2,3-Trichloropropane
Concen: 0.288 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. 0.003 min
Lab File: VV026845.D
Acq: 20 Jul 2022 11:29

Tgt Ion: 75 Resp: 2439
Ion Ratio Lower Upper
75 100
77 39.4 25.4 38.0#
110 32.2 31.8 47.6

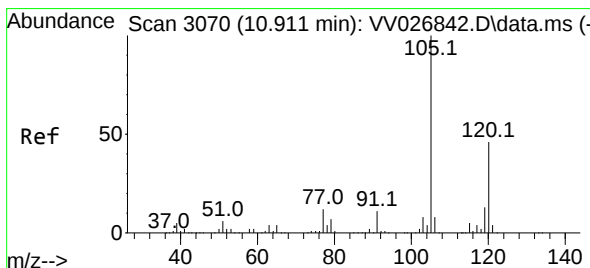
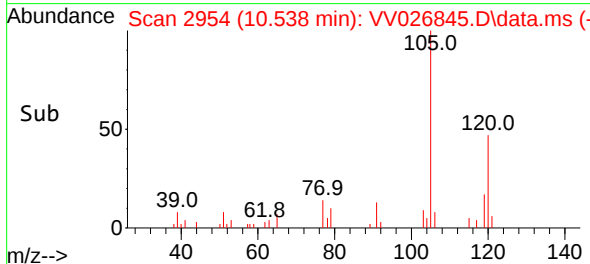
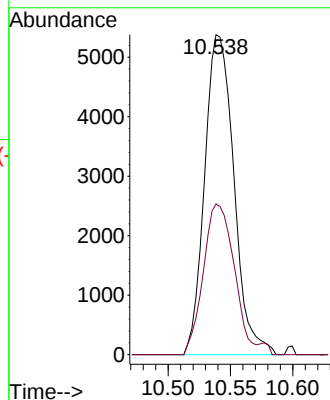
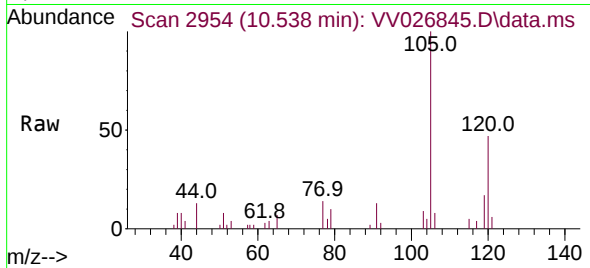




#62
 1,3,5-Trimethylbenzene
 Concen: 0.193 ug/L
 RT: 10.538 min Scan# 2953
 Delta R.T. 0.003 min
 Lab File: VV026845.D
 Acq: 20 Jul 2022 11:29

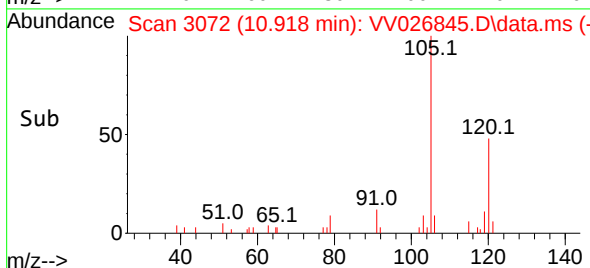
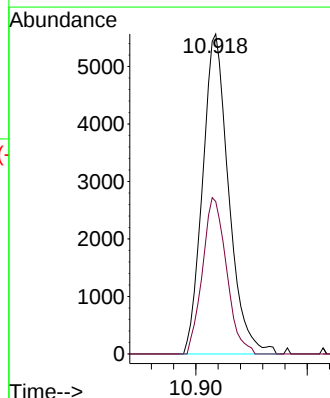
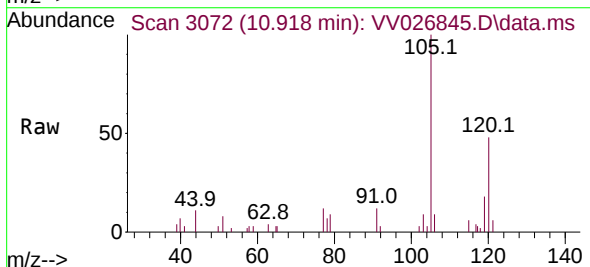
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL-WATER-QT2-2022-04

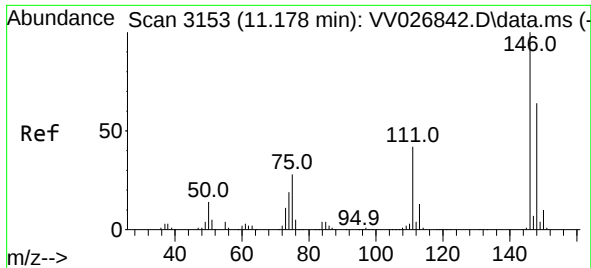
Tgt Ion:105 Resp: 8781
 Ion Ratio Lower Upper
 105 100
 120 49.5 39.6 59.4



#63
 1,2,4-Trimethylbenzene
 Concen: 0.196 ug/L
 RT: 10.918 min Scan# 3072
 Delta R.T. 0.006 min
 Lab File: VV026845.D
 Acq: 20 Jul 2022 11:29

Tgt Ion:105 Resp: 9057
 Ion Ratio Lower Upper
 105 100
 120 45.0 36.8 55.2

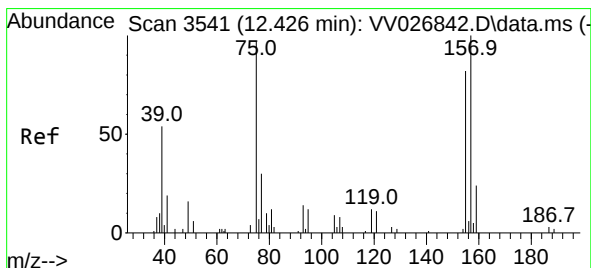
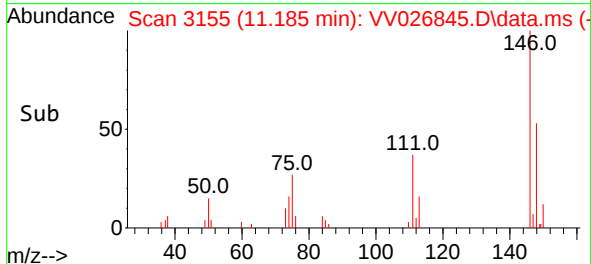
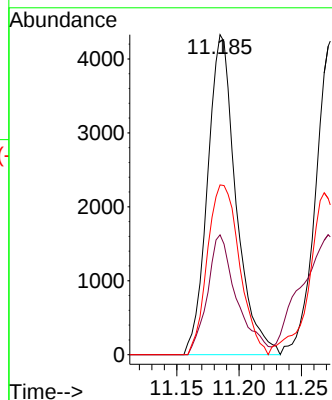
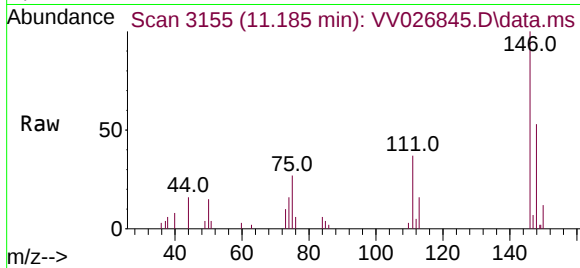




#64
1,3-Dichlorobenzene
Concen: 0.245 ug/L
RT: 11.185 min Scan# 3153
Delta R.T. 0.006 min
Lab File: VV026845.D
Acq: 20 Jul 2022 11:29

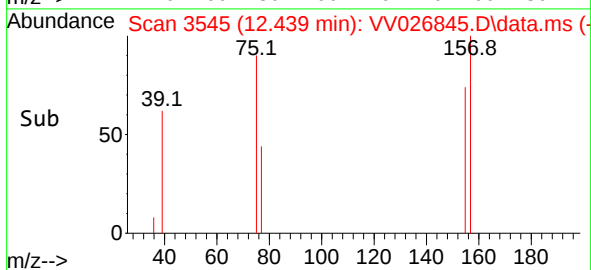
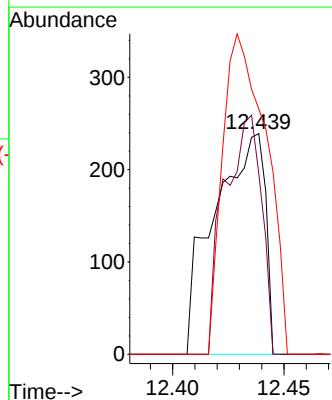
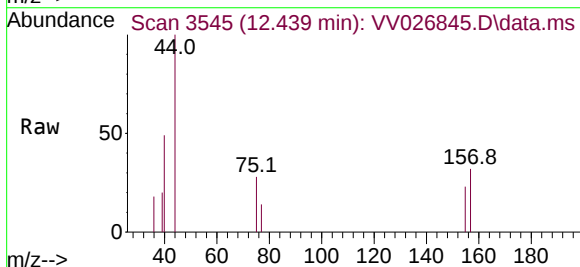
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2022-04

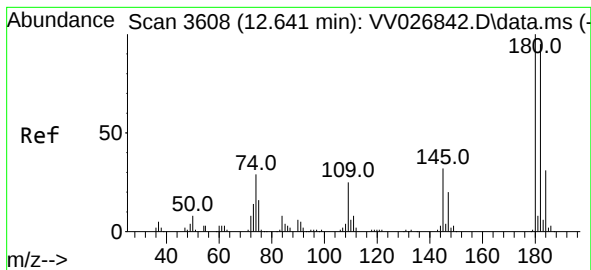
Tgt Ion:146	Resp:	6886	
Ion	Ratio	Lower	Upper
146	100		
111	37.4	27.9	51.7
148	53.0	44.9	83.5



#68
1,2-Dibromo-3-chloropropane
Concen: 0.210 ug/L
RT: 12.439 min Scan# 3545
Delta R.T. 0.013 min
Lab File: VV026845.D
Acq: 20 Jul 2022 11:29

Tgt Ion: 75	Resp:	377	
Ion	Ratio	Lower	Upper
75	100		
155	82.0	60.3	90.5
157	111.3	78.2	117.4





#69

1,3,5-Trichlorobenzene

Concen: 0.266 ug/L

RT: 12.648 min Scan# 3610

Delta R.T. 0.006 min

Lab File: VV026845.D

Acq: 20 Jul 2022 11:29

Instrument :

MSVOA_V

ClientSampleId :

MDL-WATER-QT2-2022-04

Tgt Ion:180 Resp: 5282

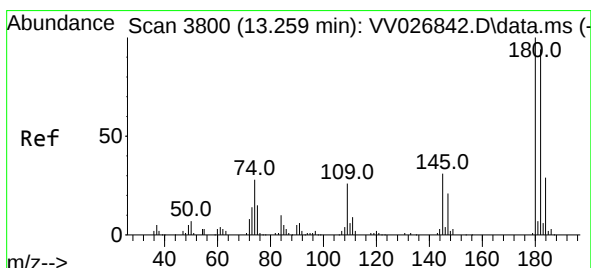
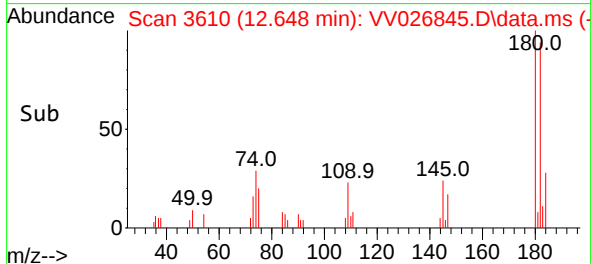
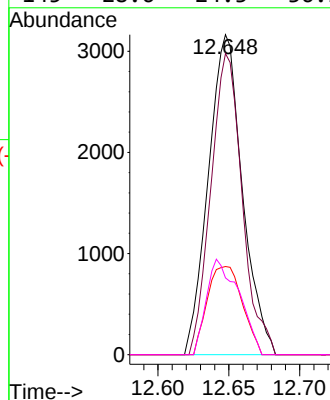
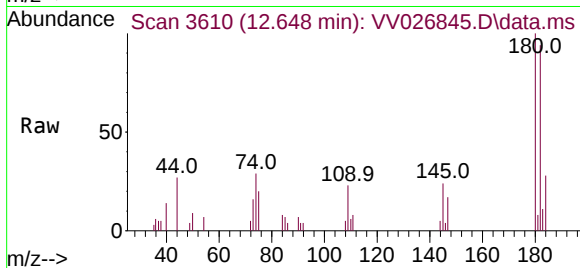
Ion Ratio Lower Upper

180 100

182 86.3 74.0 111.0

184 28.4 23.1 34.7

145 28.6 24.3 36.5



#70

1,2,4-trichlorobenzene

Concen: 0.253 ug/L

RT: 13.265 min Scan# 3802

Delta R.T. 0.006 min

Lab File: VV026845.D

Acq: 20 Jul 2022 11:29

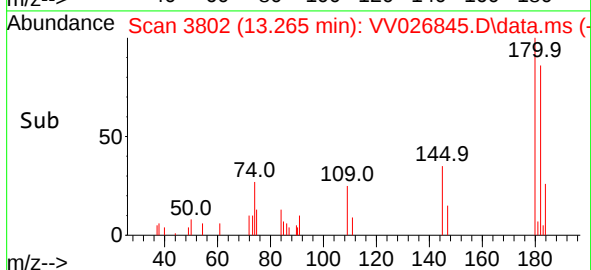
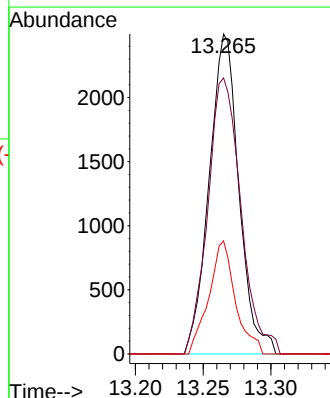
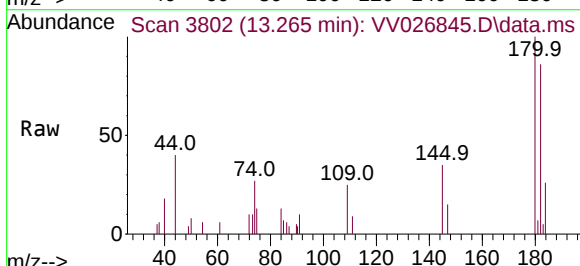
Tgt Ion:180 Resp: 3811

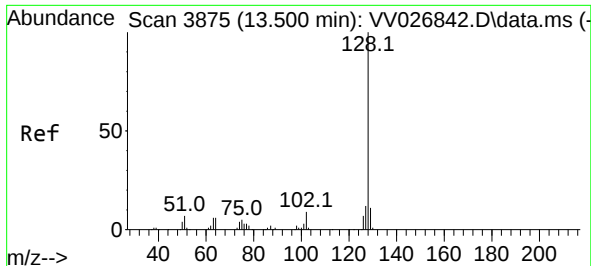
Ion Ratio Lower Upper

180 100

182 96.0 74.7 112.1

145 31.6 24.7 37.1

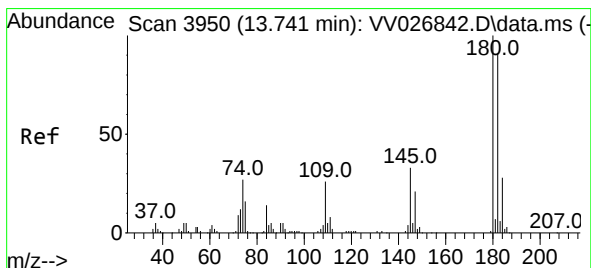
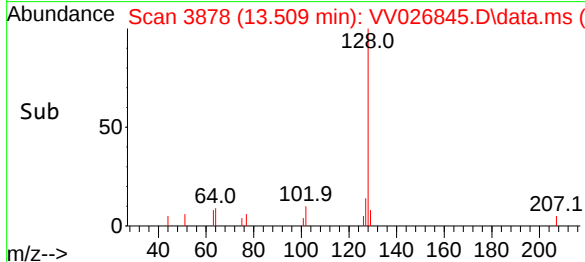
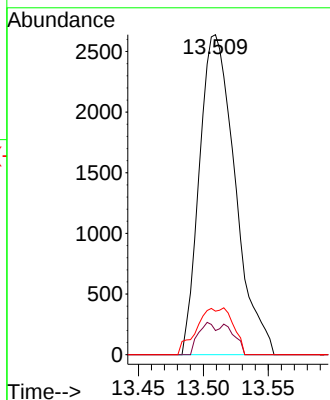
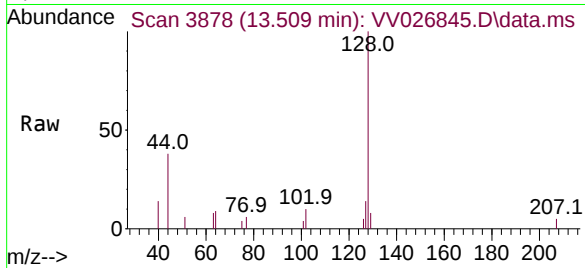




#71
Naphthalene
Concen: 0.201 ug/L
RT: 13.509 min Scan# 3875
Delta R.T. 0.010 min
Lab File: VV026845.D
Acq: 20 Jul 2022 11:29

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2022-04

Tgt Ion:128 Resp: 5033
Ion Ratio Lower Upper
128 100
129 4.8 8.4 12.6#
127 8.4 10.7 16.1#



#72
1,2,3-Trichlorobenzene
Concen: 0.242 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. 0.003 min
Lab File: VV026845.D
Acq: 20 Jul 2022 11:29

Tgt Ion:180 Resp: 3396
Ion Ratio Lower Upper
180 100
182 85.0 75.0 112.4
145 30.2 26.0 39.0

