

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW071323\
 Data File : VW031699.D
 Acq On : 13 Jul 2023 16:55
 Operator : SY/MD
 Sample : 03573-01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL-WATER-QT3-2023-05

Quant Time: Jul 14 06:14:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR071323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jul 14 06:00:54 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	188469	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	193995	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	81543	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	77137	4.621	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.400%
7) Chloroethane-d5	1.536	69	74223	4.906	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.200%
11) 1,1-Dichloroethene-d2	2.060	65	39918	4.660	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.200%
20) 2-Butanone-d5	3.818	46	206643	48.462	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.920%
24) Chloroform-d	4.259	84	169688	4.773	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.400%
26) 1,2-Dichloroethane-d4	4.953	65	92999	5.121	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.400%
32) Benzene-d6	4.969	84	282391	5.099	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.000%
36) 1,2-Dichloropropane-d6	5.995	67	107575	5.241	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.800%
41) Toluene-d8	7.252	98	210542	4.139	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.800%
43) trans-1,3-Dichloroprop...	7.561	79	29560	4.560	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.200%
46) 2-Hexanone-d5	8.034	63	140829	46.773	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.540%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	69378	4.607	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.200%
66) 1,2-Dichlorobenzene-d4	11.567	152	79924	5.628	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	50	0.002	ug/L	89
3) Chloromethane	1.208	50	39	0.002	ug/L #	1
5) Vinyl chloride	1.497	62	67	0.003	ug/L	70
6) Bromomethane	1.487	94	473	0.038	ug/L	82
8) Chloroethane	1.542	64	76	0.006	ug/L #	42
9) Trichlorofluoromethane	1.847	101	67	0.002	ug/L	86
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	1537	0.096	ug/L #	38
12) 1,1-Dichloroethene	2.056	96	1018	0.069	ug/L #	1
13) Acetone	2.143	43	3860	1.423	ug/L	84
14) Carbon disulfide	2.243	76	1305	0.029	ug/L #	77
15) Methyl Acetate	2.400	43	959	0.165	ug/L #	53
16) Methylene chloride	2.455	84	2049	0.105	ug/L	93
17) Methyl tert-butyl Ether	2.706	73	39	0.001	ug/L #	1
18) trans-1,2-Dichloroethene	2.690	96	383	0.030	ug/L #	7
19) 1,1-Dichloroethane	3.117	63	49	0.002	ug/L #	48
21) 2-Butanone	3.970	43	392	0.111	ug/L	98
22) cis-1,2-Dichloroethene	3.815	96	157	0.012	ug/L #	31
25) Chloroform	4.291	83	1214	0.044	ug/L	96
27) 1,2-Dichloroethane	5.050	62	172	0.010	ug/L #	76

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071323\
 Data File : VV031699.D
 Acq On : 13 Jul 2023 16:55
 Operator : SY/MD
 Sample : 03573-01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL-WATER-QT3-2023-05

Quant Time: Jul 14 06:14:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR071323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jul 14 06:00:54 2023
 Response via : Initial Calibration

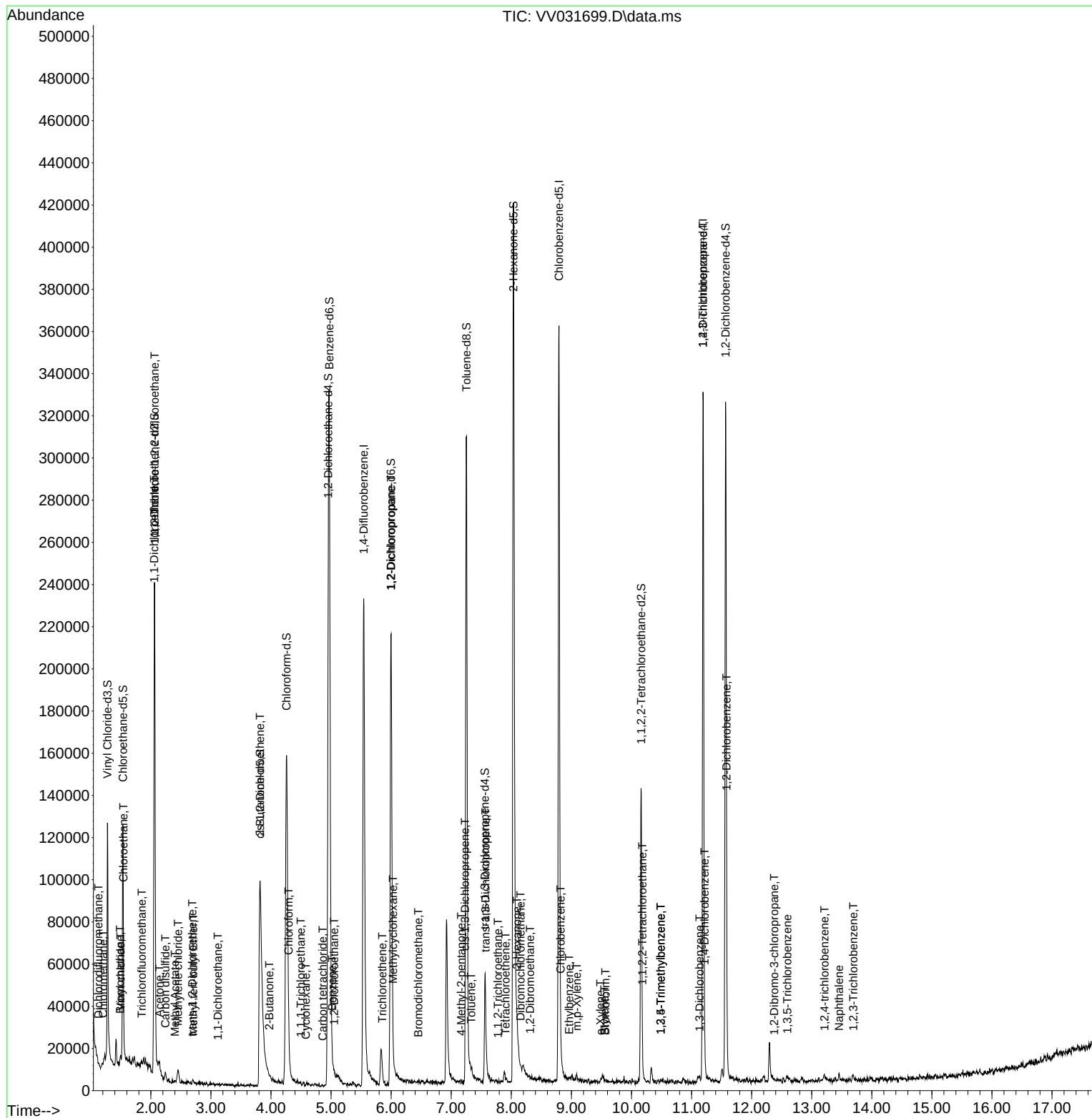
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) 1,1,1-Trichloroethane	4.497	97	143	0.006	ug/L #	46
30) Cyclohexane	4.580	56	155	0.009	ug/L #	20
31) Carbon tetrachloride	4.860	117	21	0.001	ug/L	95
33) Benzene	5.021	78	202	0.004	ug/L	100
34) Trichloroethene	5.854	95	427	0.031	ug/L #	13
35) Methylcyclohexane	6.031	83	943	0.054	ug/L #	26
37) 1,2-Dichloropropane	5.998	63	11376	0.804	ug/L #	96
38) Bromodichloromethane	6.452	83	189	0.010	ug/L #	24
39) cis-1,3-Dichloropropene	7.230	75	259	0.015	ug/L	94
40) 4-Methyl-2-pentanone	7.169	43	191	0.025	ug/L #	45
42) Toluene	7.333	91	1135	0.024	ug/L	97
44) trans-1,3-Dichloropropene	7.571	75	1035	0.067	ug/L	99
45) 1,1,2-Trichloroethane	7.776	97	21	0.002	ug/L #	15
47) Tetrachloroethene	7.905	164	264	0.027	ug/L #	23
48) 2-Hexanone	8.095	43	10682	1.928	ug/L #	46
49) Dibromochloromethane	8.153	129	20	0.002	ug/L #	13
50) 1,2-Dibromoethane	8.313	107	74	0.008	ug/L #	5
51) Chlorobenzene	8.821	112	304	0.010	ug/L #	31
52) Ethylbenzene	8.963	91	389	0.008	ug/L #	44
53) m,p-Xylene	9.091	106	622	0.036	ug/L #	1
54) o-Xylene	9.484	106	87	0.005	ug/L #	1
55) Styrene	9.551	104	202	0.007	ug/L	86
57) 1,1,2,2-Tetrachloroethane	10.181	83	395	0.036	ug/L #	65
59) Bromoform	9.567	173	46	0.008	ug/L #	57
61) 1,2,3-Trichloropropane	11.191	75	10663	1.471	ug/L #	66
62) 1,3,5-Trimethylbenzene	10.487	105	525	0.018	ug/L	97
63) 1,2,4-Trimethylbenzene	10.487	105	525	0.018	ug/L	98
64) 1,3-Dichlorobenzene	11.133	146	828	0.043	ug/L #	51
65) 1,4-Dichlorobenzene	11.217	146	764	0.037	ug/L #	62
67) 1,2-Dichlorobenzene	11.583	146	690	0.037	ug/L #	7
68) 1,2-Dibromo-3-chloropr...	12.374	75	142	0.095	ug/L #	4
69) 1,3,5-Trichlorobenzene	12.593	180	555	0.039	ug/L #	70
70) 1,2,4-trichlorobenzene	13.214	180	965	0.086	ug/L #	85
71) Naphthalene	13.455	128	1903	0.105	ug/L #	86
72) 1,2,3-Trichlorobenzene	13.696	180	532	0.051	ug/L #	80

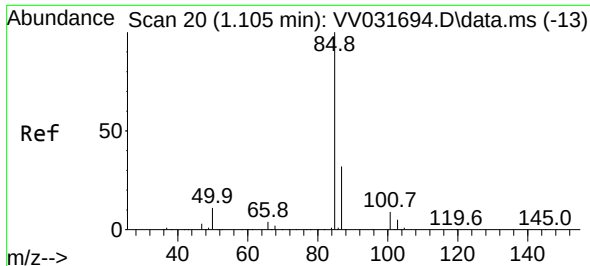
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071323\
 Data File : VV031699.D
 Acq On : 13 Jul 2023 16:55
 Operator : SY/MD
 Sample : 03573-01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL-WATER-QT3-2023-05

Quant Time: Jul 14 06:14:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR071323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jul 14 06:00:54 2023
 Response via : Initial Calibration

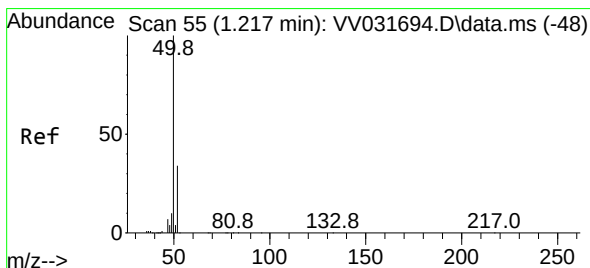
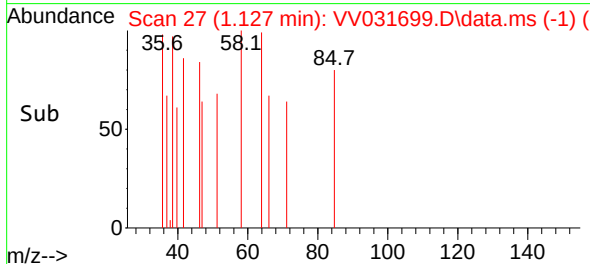
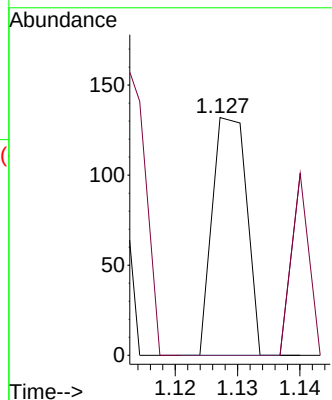
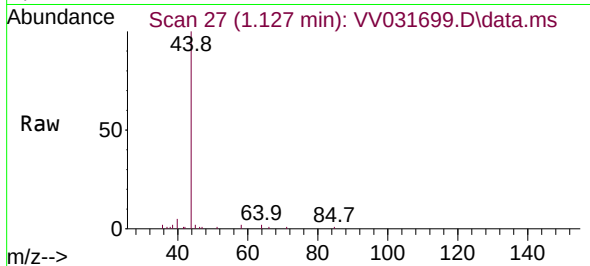




#2
Dichlorodifluoromethane
Concen: 0.002 ug/L
RT: 1.127 min Scan# 21
Delta R.T. 0.023 min
Lab File: VV031699.D
Acq: 13 Jul 2023 16:55

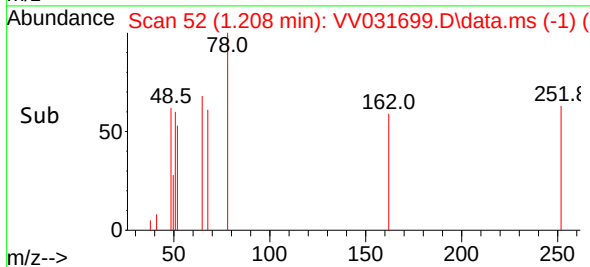
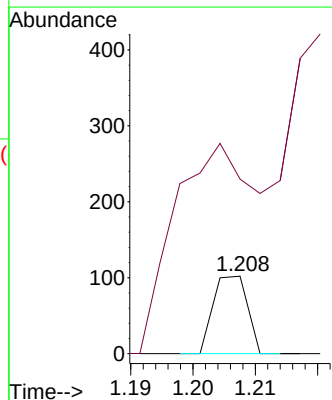
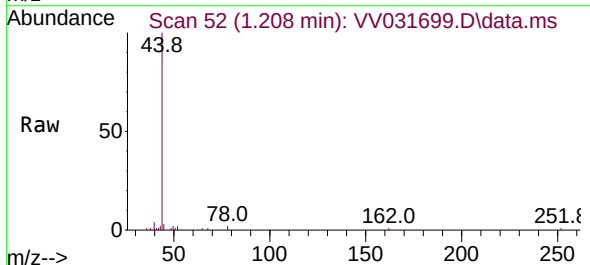
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT3-2023-05

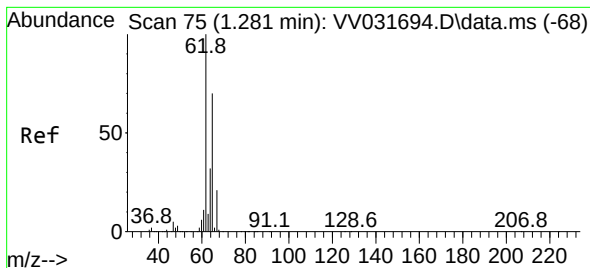
Tgt Ion: 85 Resp: 50
Ion Ratio Lower Upper
85 100
87 38.0 25.5 38.3



#3
Chloromethane
Concen: 0.002 ug/L
RT: 1.208 min Scan# 52
Delta R.T. -0.010 min
Lab File: VV031699.D
Acq: 13 Jul 2023 16:55

Tgt Ion: 50 Resp: 39
Ion Ratio Lower Upper
50 100
52 225.5 23.5 43.7#





#5

Vinyl chloride

Concen: 0.003 ug/L

RT: 1.497 min Scan# 142

Delta R.T. 0.215 min

Lab File: VV031699.D

Acq: 13 Jul 2023 16:55

Instrument :

MSVOA_V

ClientSampleId :

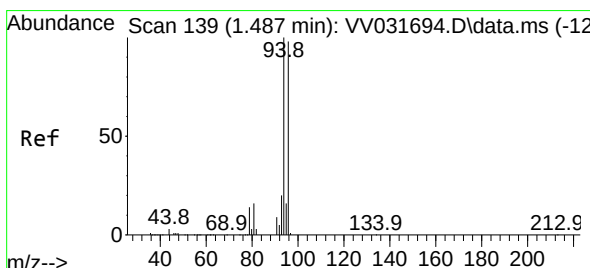
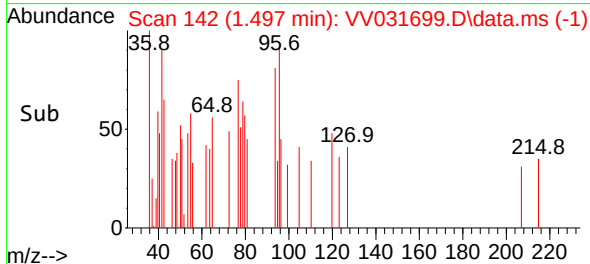
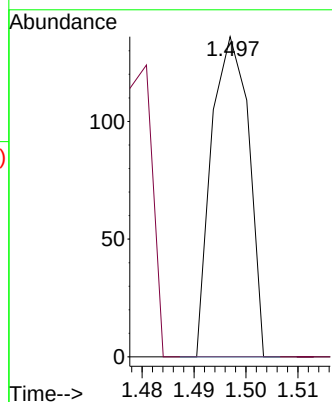
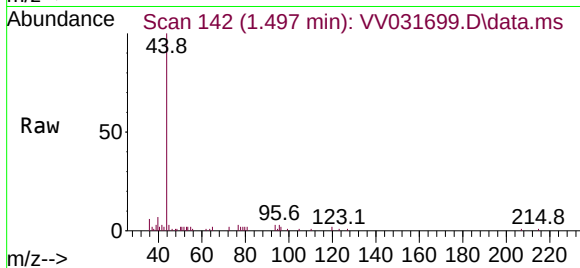
MDL-WATER-QT3-2023-05

Tgt Ion: 62 Resp: 67

Ion Ratio Lower Upper

62 100

64 132.4 71.7 133.1



#6

Bromomethane

Concen: 0.038 ug/L

RT: 1.487 min Scan# 139

Delta R.T. 0.000 min

Lab File: VV031699.D

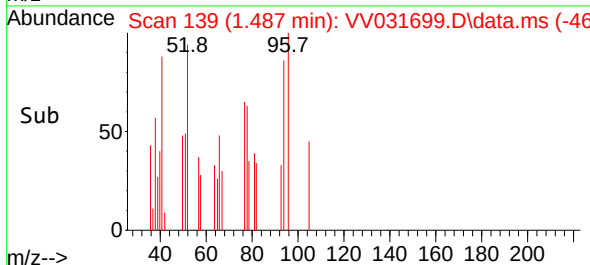
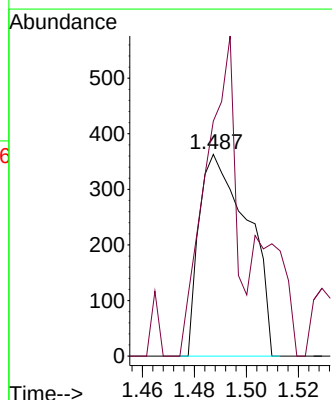
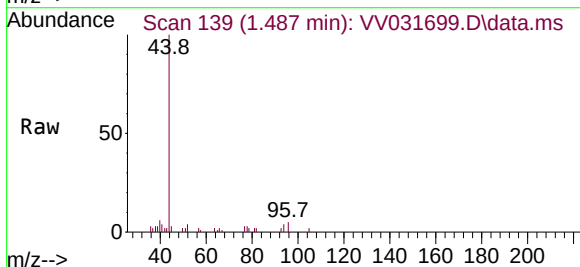
Acq: 13 Jul 2023 16:55

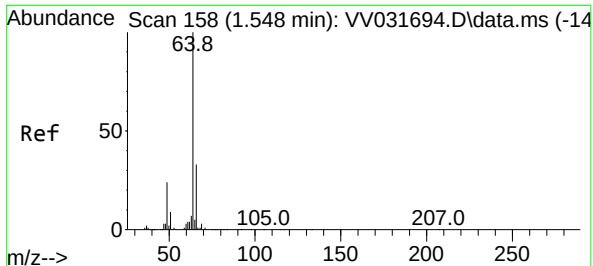
Tgt Ion: 94 Resp: 473

Ion Ratio Lower Upper

94 100

96 116.5 69.4 128.8

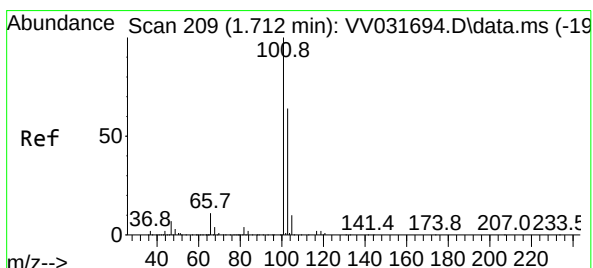
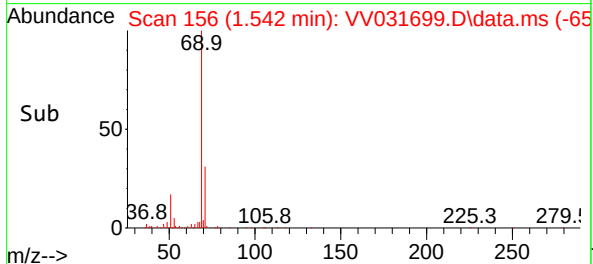
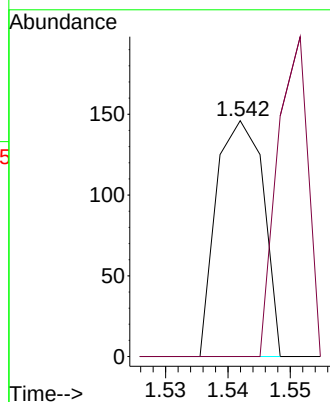
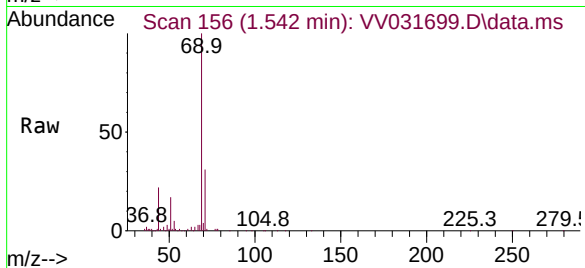




#8
Chloroethane
Concen: 0.006 ug/L
RT: 1.542 min Scan# 11
Delta R.T. -0.006 min
Lab File: VV031699.D
Acq: 13 Jul 2023 16:55

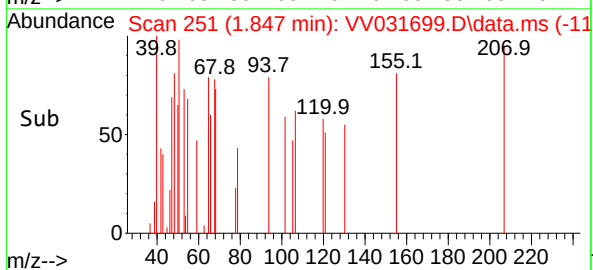
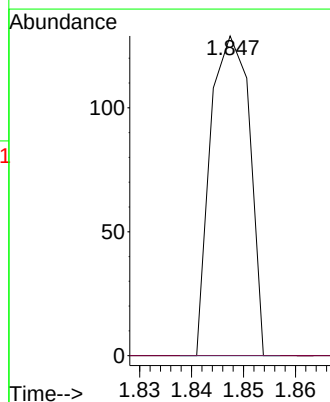
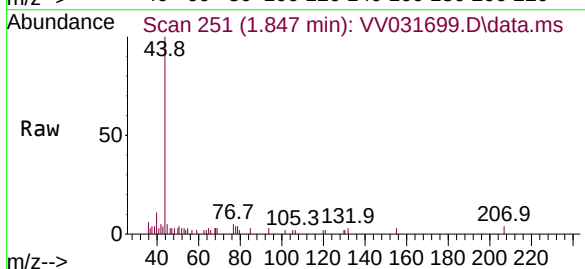
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT3-2023-05

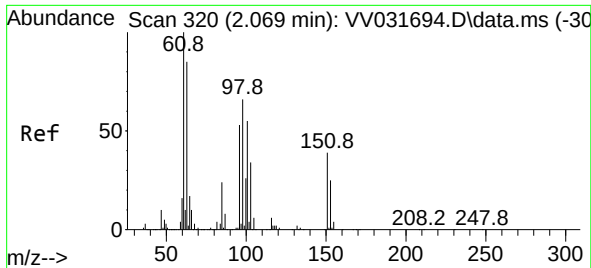
Tgt Ion: 64 Resp: 76
Ion Ratio Lower Upper
64 100
66 0.0 23.0 42.6#



#9
Trichlorofluoromethane
Concen: 0.002 ug/L
RT: 1.847 min Scan# 251
Delta R.T. 0.135 min
Lab File: VV031699.D
Acq: 13 Jul 2023 16:55

Tgt Ion:101 Resp: 67
Ion Ratio Lower Upper
101 100
103 74.6 51.0 76.6

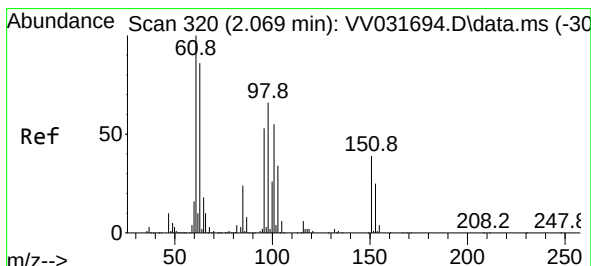
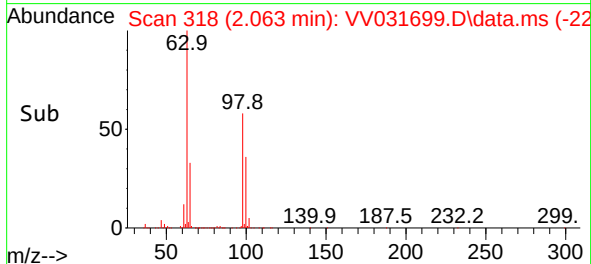
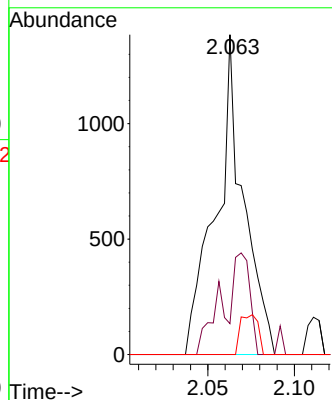
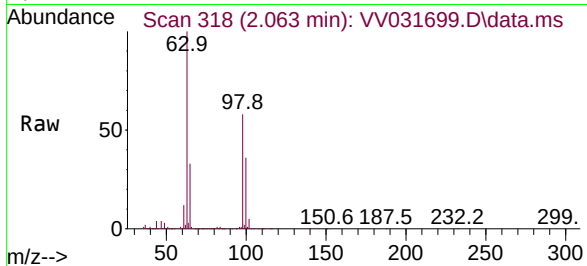




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.096 ug/L
RT: 2.063 min Scan# 318
Delta R.T. -0.006 min
Lab File: VV031699.D
Acq: 13 Jul 2023 16:55

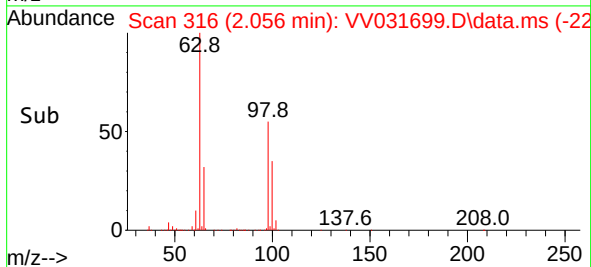
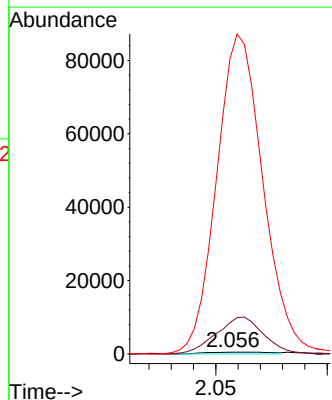
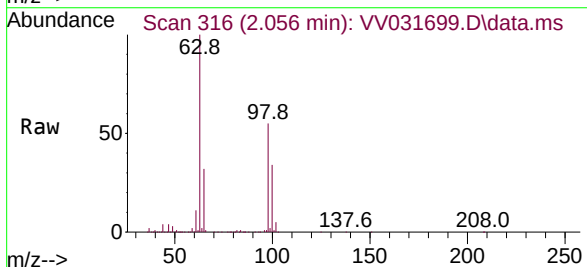
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT3-2023-05

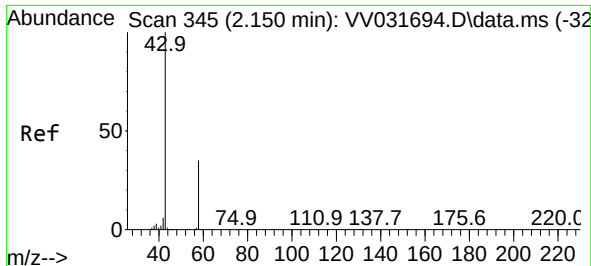
Tgt Ion:101 Resp: 1537
Ion Ratio Lower Upper
101 100
85 18.2 36.2 54.2#
151 8.0 56.6 84.8#



#12
1,1-Dichloroethene
Concen: 0.069 ug/L
RT: 2.056 min Scan# 316
Delta R.T. -0.013 min
Lab File: VV031699.D
Acq: 13 Jul 2023 16:55

Tgt Ion: 96 Resp: 1018
Ion Ratio Lower Upper
96 100
61 1705.6 131.3 243.9#
63 16015.9 112.6 209.2#

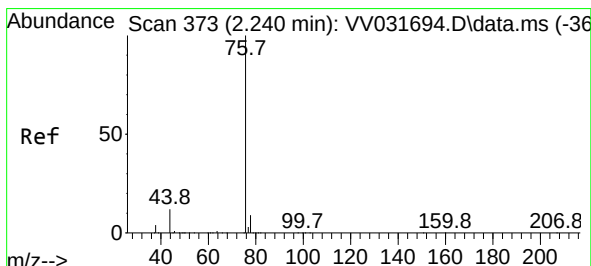
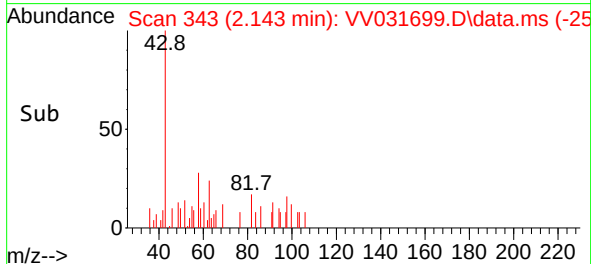
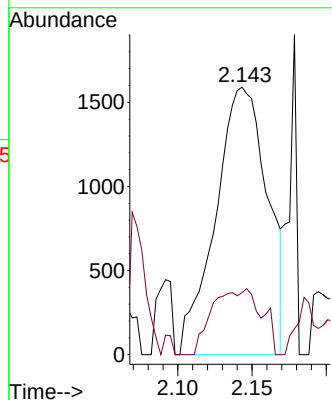
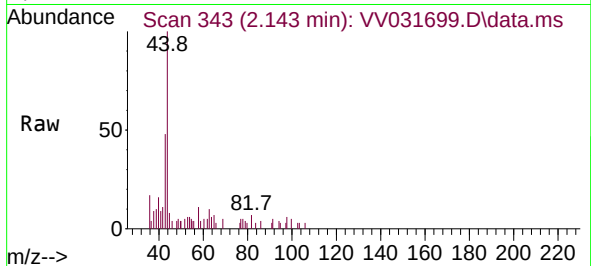




#13
Acetone
Concen: 1.423 ug/L
RT: 2.143 min Scan# 345
Delta R.T. -0.006 min
Lab File: VV031699.D
Acq: 13 Jul 2023 16:55

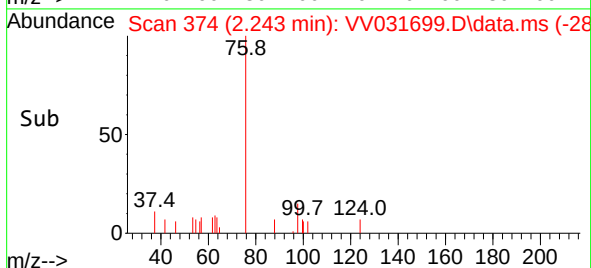
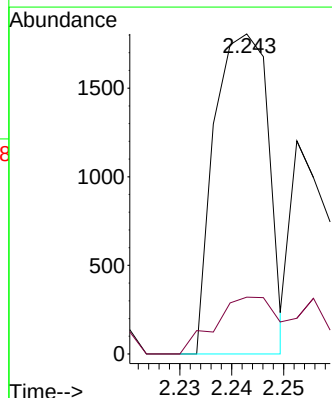
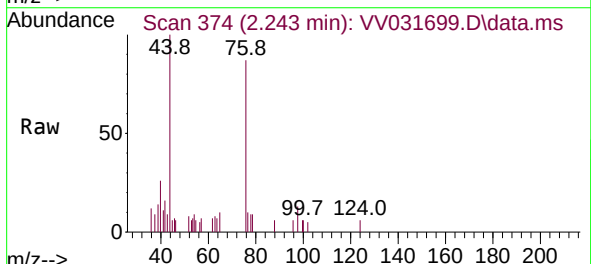
Instrument : MSVOA_V
ClientSampleId : MDL-WATER-QT3-2023-05

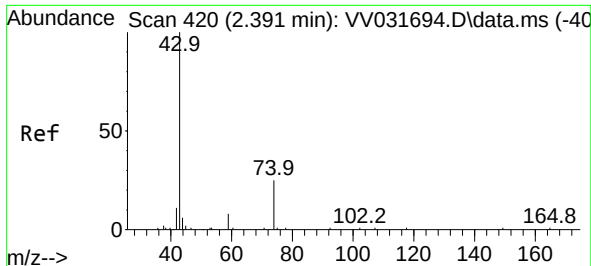
Tgt Ion: 43 Resp: 3860
Ion Ratio Lower Upper
43 100
58 23.4 0.0 64.6



#14
Carbon disulfide
Concen: 0.029 ug/L
RT: 2.243 min Scan# 374
Delta R.T. 0.003 min
Lab File: VV031699.D
Acq: 13 Jul 2023 16:55

Tgt Ion: 76 Resp: 1305
Ion Ratio Lower Upper
76 100
78 17.8 7.4 11.2#

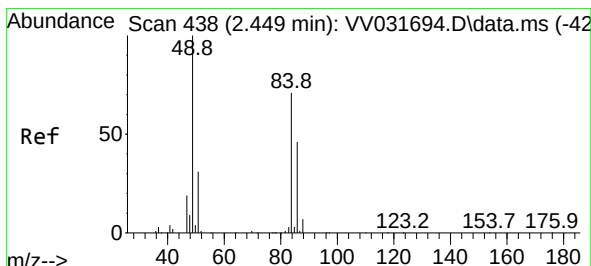
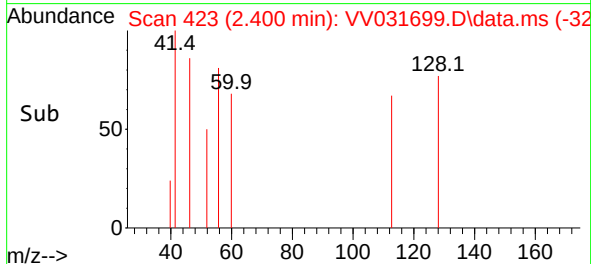
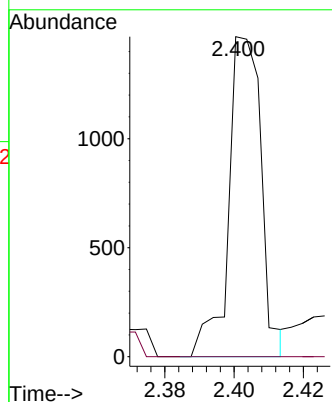
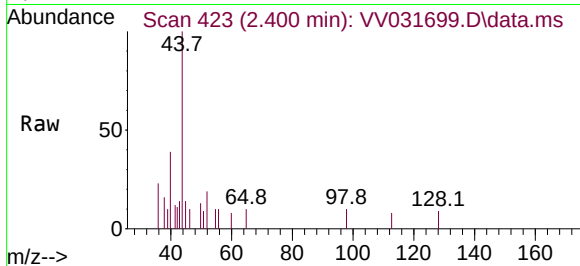




#15
Methyl Acetate
Concen: 0.165 ug/L
RT: 2.400 min Scan# 41
Delta R.T. 0.010 min
Lab File: VV031699.D
Acq: 13 Jul 2023 16:55

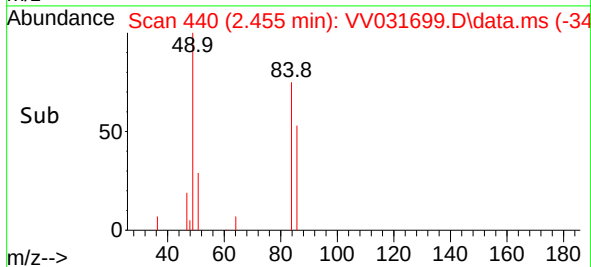
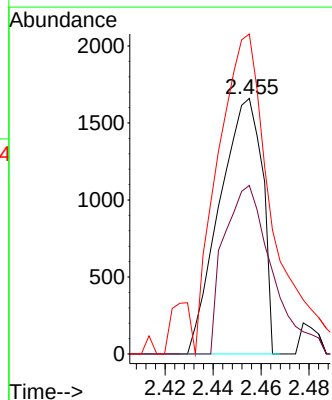
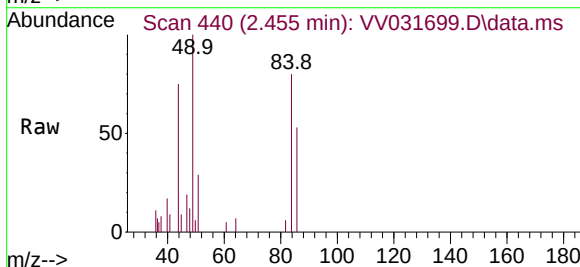
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT3-2023-05

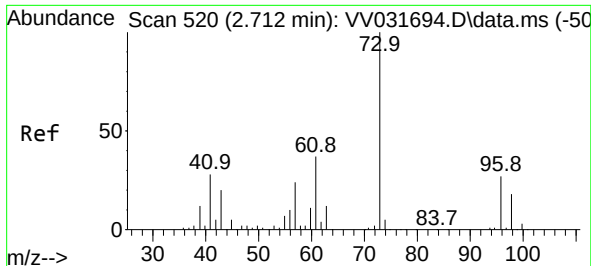
Tgt Ion: 43 Resp: 959
Ion Ratio Lower Upper
43 100
74 0.0 18.0 27.0#



#16
Methylene chloride
Concen: 0.105 ug/L
RT: 2.455 min Scan# 440
Delta R.T. 0.006 min
Lab File: VV031699.D
Acq: 13 Jul 2023 16:55

Tgt Ion: 84 Resp: 2049
Ion Ratio Lower Upper
84 100
86 65.9 46.3 86.1
49 132.7 101.8 189.0





#17

Methyl tert-butyl Ether

Concen: 0.001 ug/L

RT: 2.706 min Scan# 518

Delta R.T. -0.006 min

Lab File: VV031699.D

Acq: 13 Jul 2023 16:55

Instrument :

MSVOA_V

ClientSampleId :

MDL-WATER-QT3-2023-05

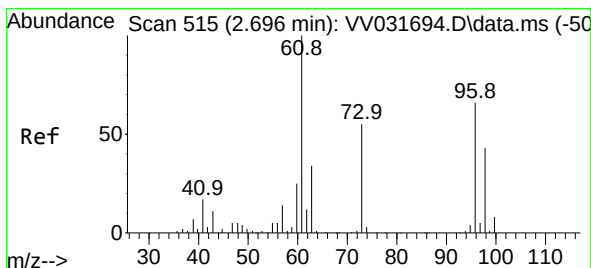
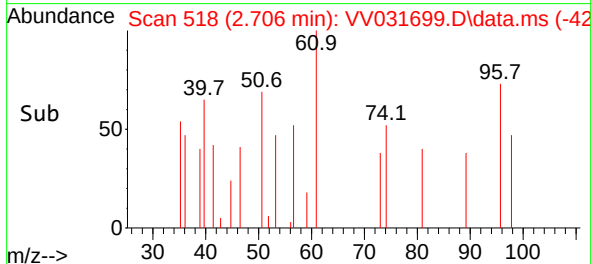
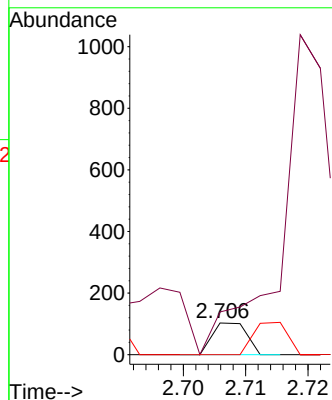
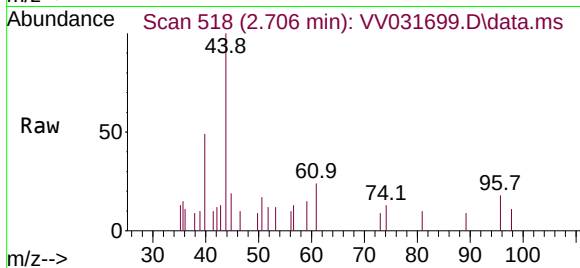
Tgt Ion: 73 Resp: 39

Ion Ratio Lower Upper

73 100

43 1653.8 18.1 27.1#

57 102.6 19.6 29.4#



#18

trans-1,2-Dichloroethene

Concen: 0.030 ug/L

RT: 2.690 min Scan# 513

Delta R.T. -0.006 min

Lab File: VV031699.D

Acq: 13 Jul 2023 16:55

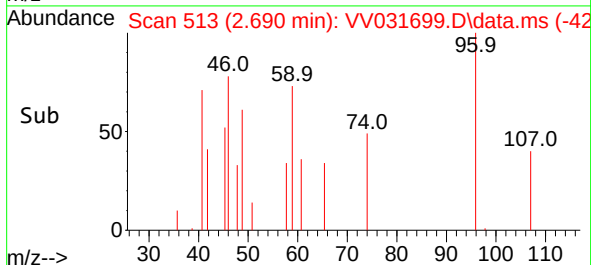
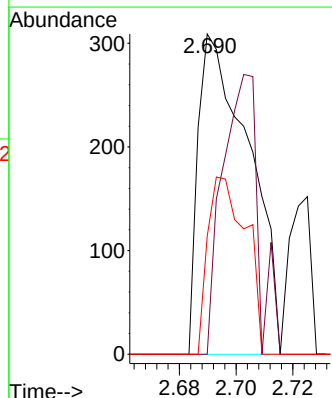
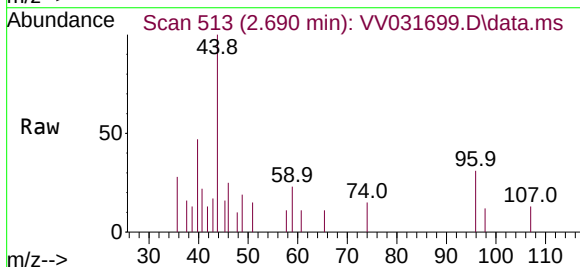
Tgt Ion: 96 Resp: 383

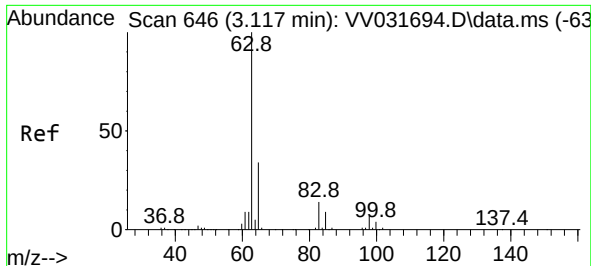
Ion Ratio Lower Upper

96 100

61 0.0 105.5 195.9#

98 36.9 45.4 84.2#

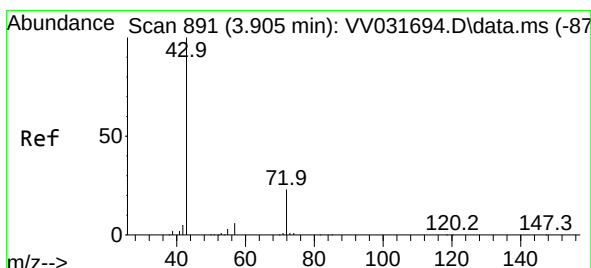
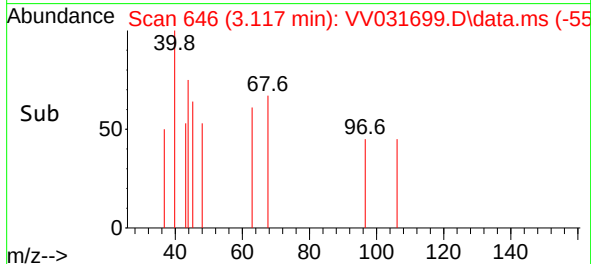
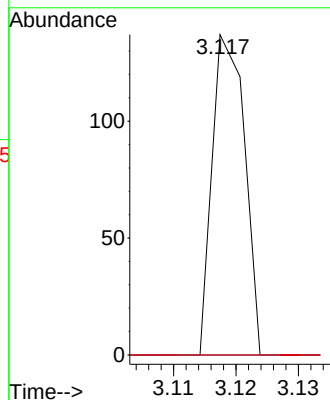
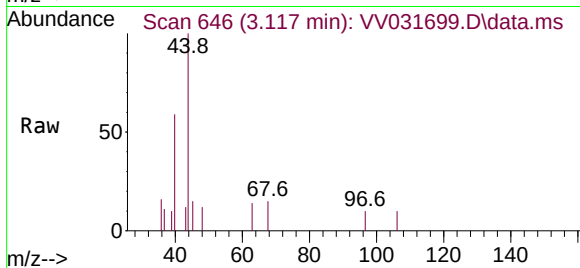




#19
1,1-Dichloroethane
Concen: 0.002 ug/L
RT: 3.117 min Scan# 646
Delta R.T. 0.000 min
Lab File: VV031699.D
Acq: 13 Jul 2023 16:55

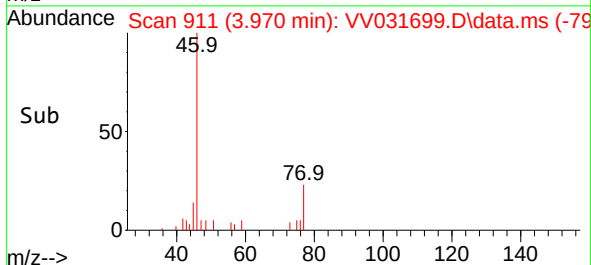
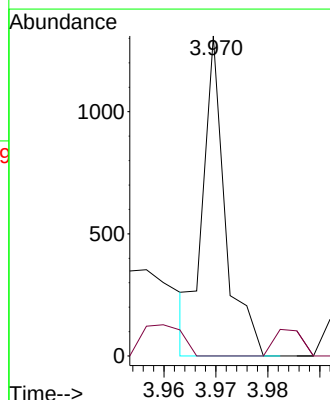
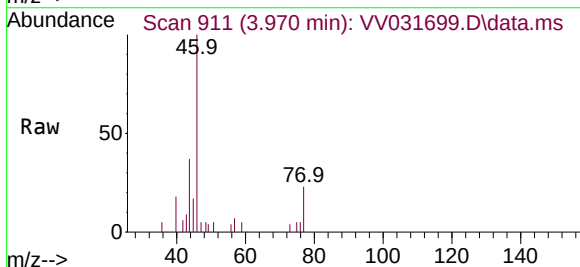
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT3-2023-05

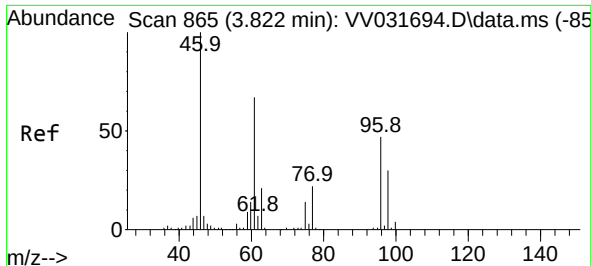
Tgt Ion: 63 Resp: 49
Ion Ratio Lower Upper
63 100
65 0.0 23.4 43.6#
83 0.0 9.4 17.4#



#21
2-Butanone
Concen: 0.111 ug/L
RT: 3.970 min Scan# 911
Delta R.T. 0.064 min
Lab File: VV031699.D
Acq: 13 Jul 2023 16:55

Tgt Ion: 43 Resp: 392
Ion Ratio Lower Upper
43 100
72 17.6 9.2 27.4

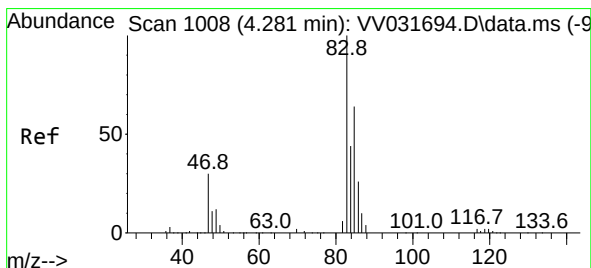
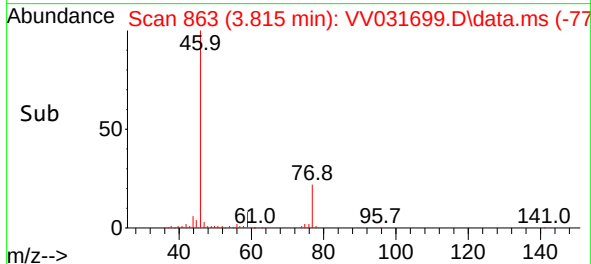
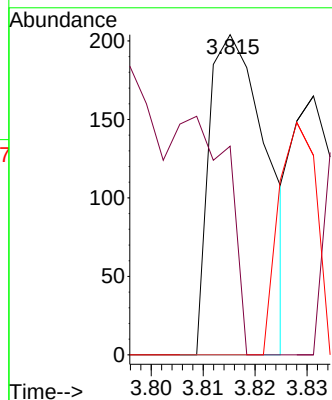
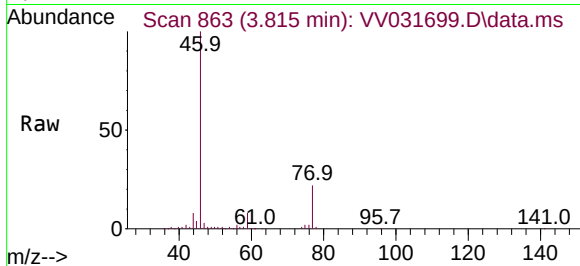




#22
cis-1,2-Dichloroethene
Concen: 0.012 ug/L
RT: 3.815 min Scan# 80
Delta R.T. -0.006 min
Lab File: VV031699.D
Acq: 13 Jul 2023 16:55

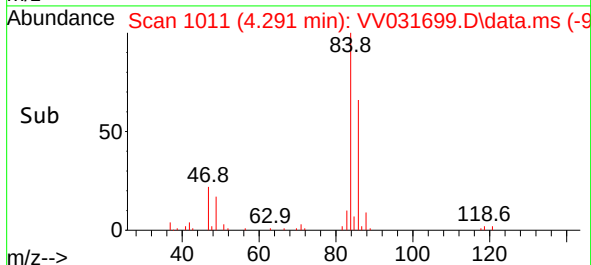
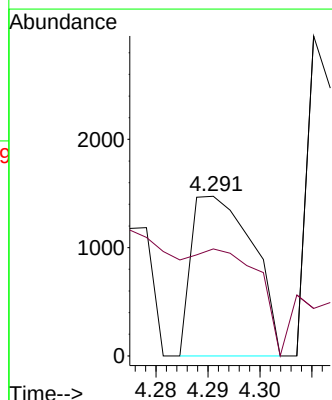
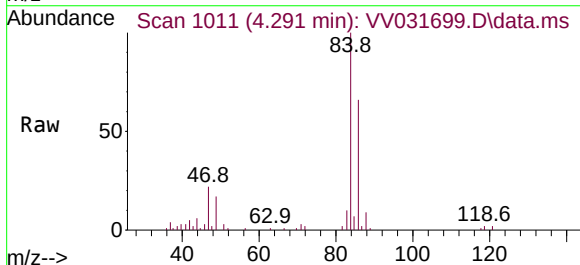
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT3-2023-05

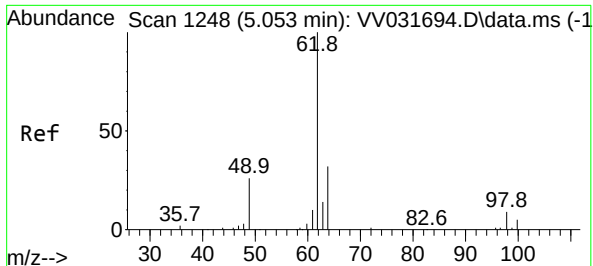
Tgt Ion: 96 Resp: 157
Ion Ratio Lower Upper
96 100
61 65.2 99.4 184.6#
98 0.0 45.1 83.7#



#25
Chloroform
Concen: 0.044 ug/L
RT: 4.291 min Scan# 1011
Delta R.T. 0.010 min
Lab File: VV031699.D
Acq: 13 Jul 2023 16:55

Tgt Ion: 83 Resp: 1214
Ion Ratio Lower Upper
83 100
85 67.0 44.9 83.5

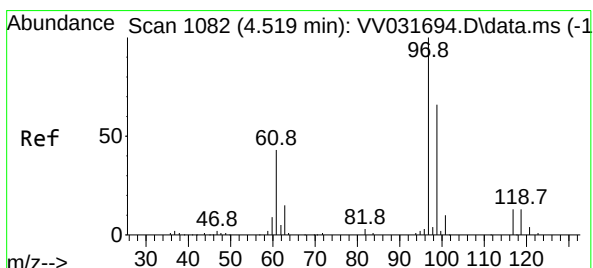
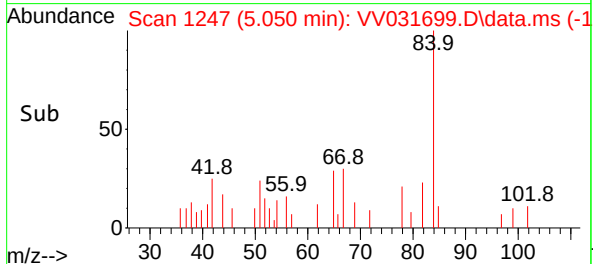
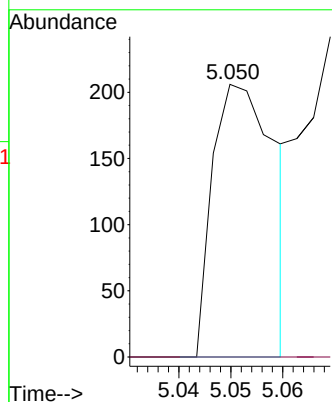
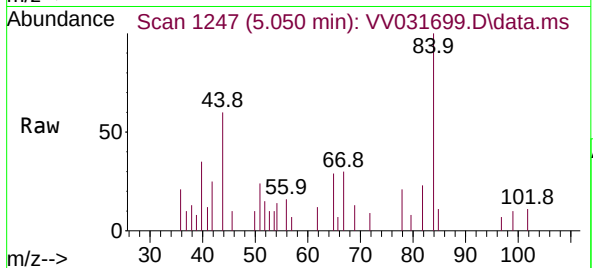




#27
1,2-Dichloroethane
Concen: 0.010 ug/L
RT: 5.050 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV031699.D
Acq: 13 Jul 2023 16:55

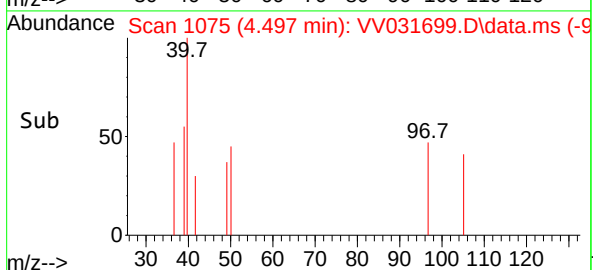
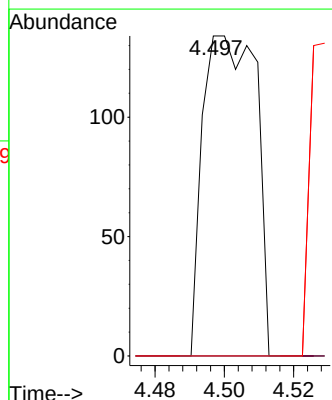
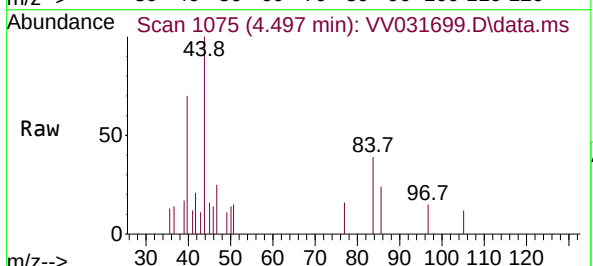
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT3-2023-05

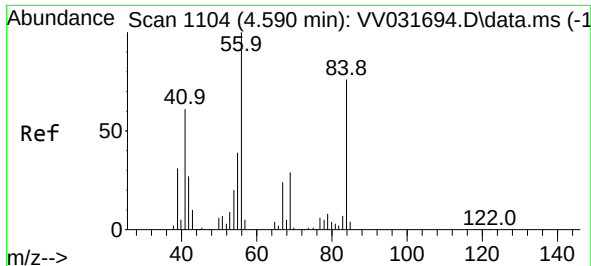
Tgt Ion: 62 Resp: 172
Ion Ratio Lower Upper
62 100
98 0.0 7.0 10.4#



#29
1,1,1-Trichloroethane
Concen: 0.006 ug/L
RT: 4.497 min Scan# 1075
Delta R.T. -0.022 min
Lab File: VV031699.D
Acq: 13 Jul 2023 16:55

Tgt Ion: 97 Resp: 143
Ion Ratio Lower Upper
97 100
99 0.0 50.4 75.6#
61 35.0 35.6 53.4#

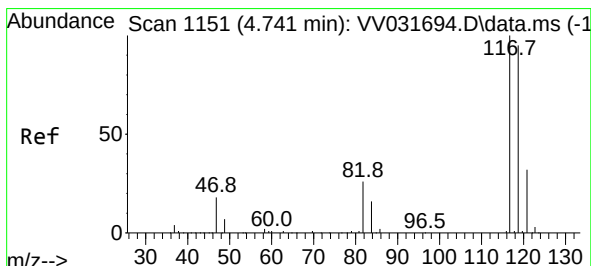
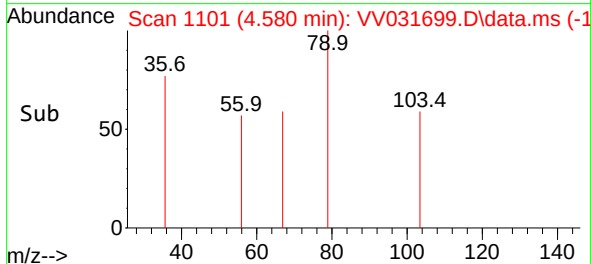
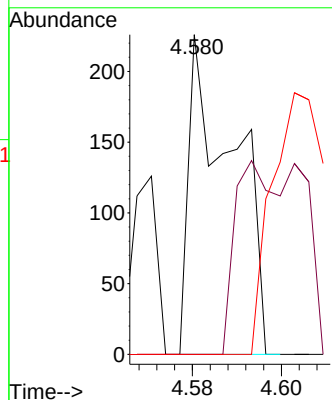
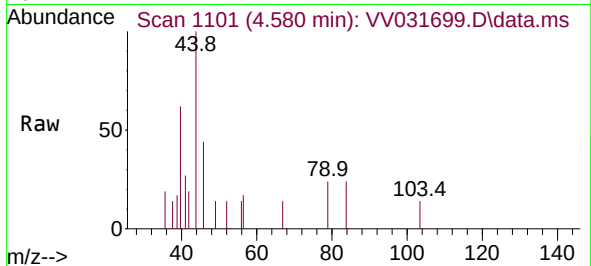




#30
Cyclohexane
Concen: 0.009 ug/L
RT: 4.580 min Scan# 1104
Delta R.T. -0.010 min
Lab File: VV031699.D
Acq: 13 Jul 2023 16:55

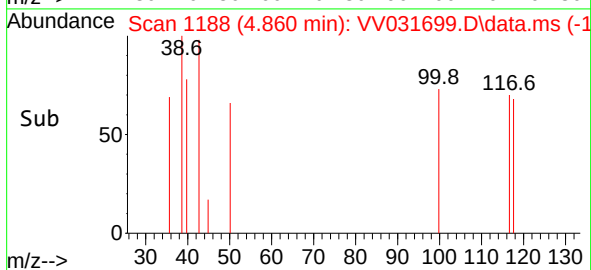
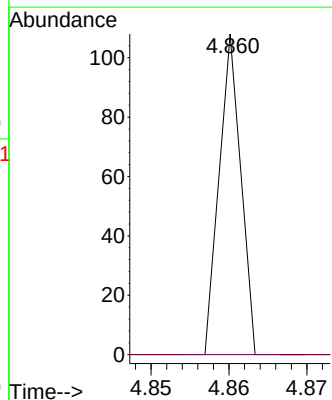
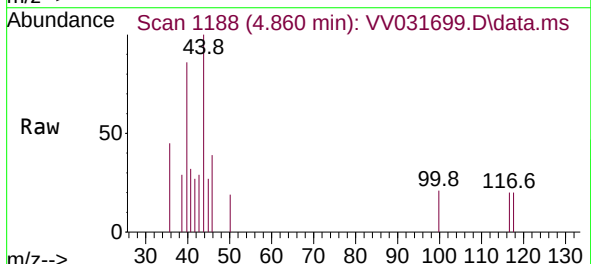
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT3-2023-05

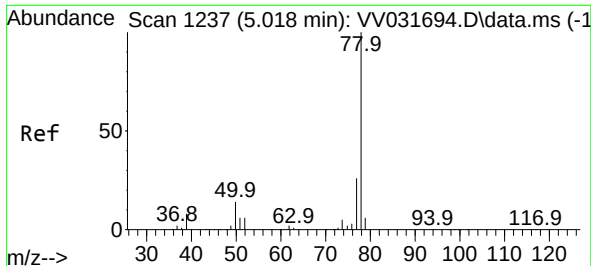
Tgt Ion: 56 Resp: 155
Ion Ratio Lower Upper
56 100
69 0.0 22.9 34.3#
84 0.0 62.7 94.1#



#31
Carbon tetrachloride
Concen: 0.001 ug/L
RT: 4.860 min Scan# 1188
Delta R.T. 0.119 min
Lab File: VV031699.D
Acq: 13 Jul 2023 16:55

Tgt Ion: 117 Resp: 21
Ion Ratio Lower Upper
117 100
119 100.0 76.1 114.1

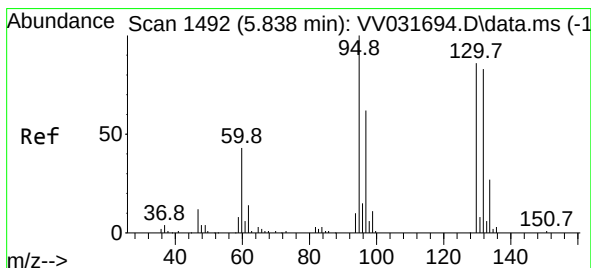
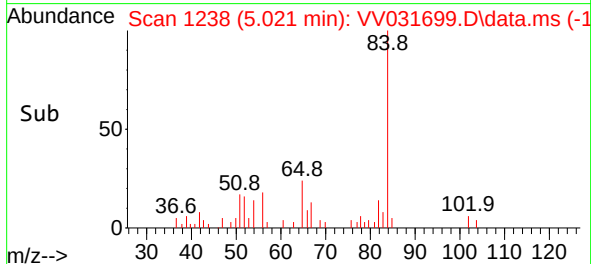
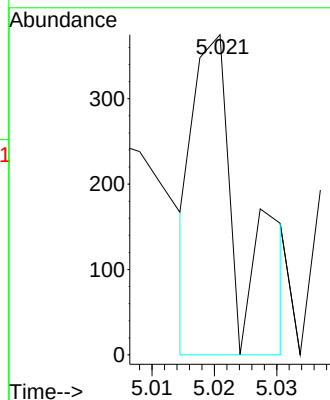
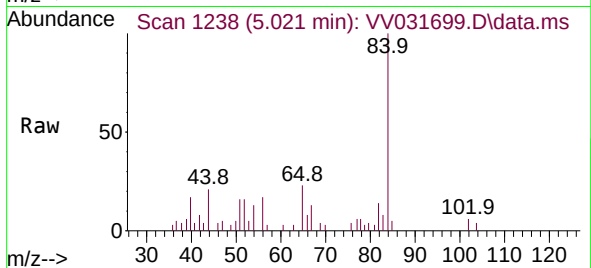




#33
Benzene
Concen: 0.004 ug/L
RT: 5.021 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV031699.D
Acq: 13 Jul 2023 16:55

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT3-2023-05

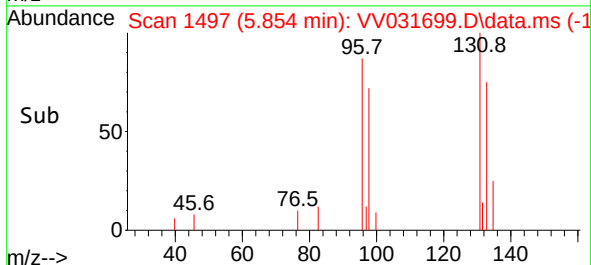
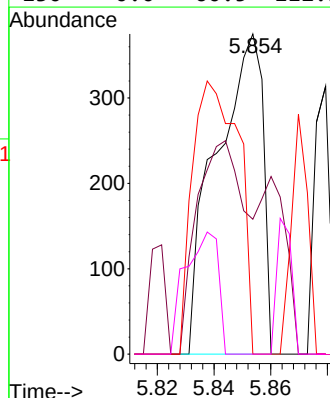
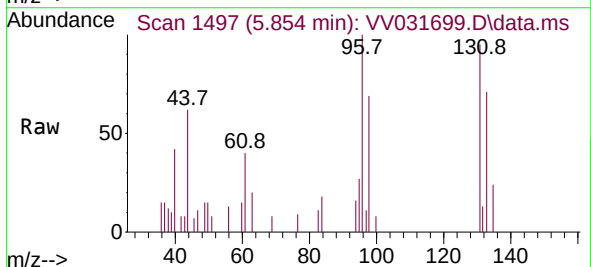
Tgt Ion: 78 Resp: 202

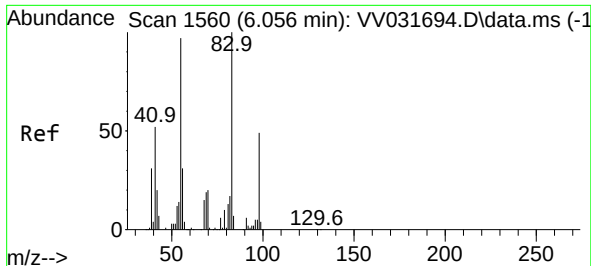


#34
Trichloroethene
Concen: 0.031 ug/L
RT: 5.854 min Scan# 1497
Delta R.T. 0.016 min
Lab File: VV031699.D
Acq: 13 Jul 2023 16:55

Tgt Ion: 95 Resp: 427

Ion	Ratio	Lower	Upper
95	100		
97	8.9	43.3	80.5#
132	0.0	58.3	108.3#
130	0.0	60.5	112.5#





#35

Methylcyclohexane

Concen: 0.054 ug/L

RT: 6.031 min Scan# 1

Delta R.T. -0.026 min

Lab File: VV031699.D

Acq: 13 Jul 2023 16:55

Instrument :

MSVOA_V

ClientSampleId :

MDL-WATER-QT3-2023-05

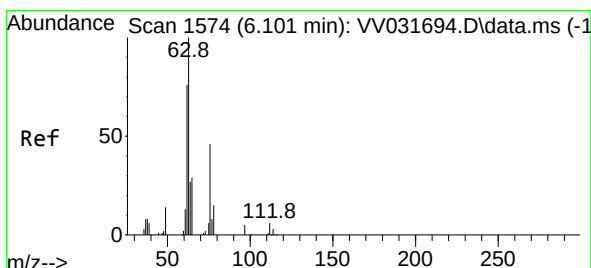
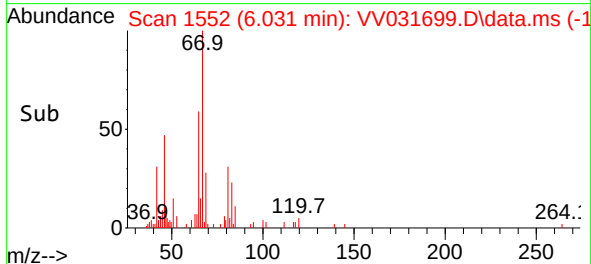
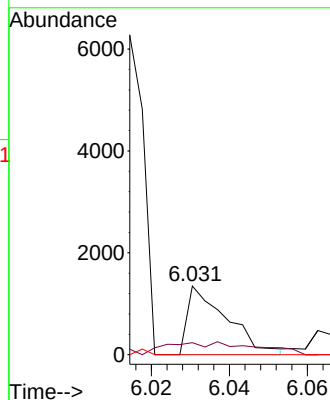
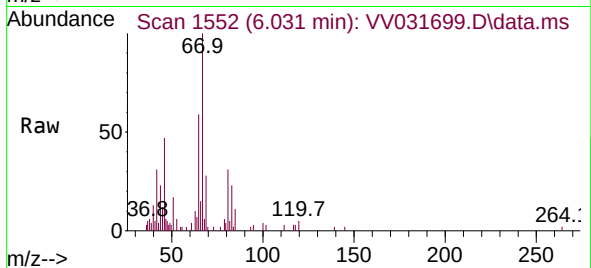
Tgt Ion: 83 Resp: 943

Ion Ratio Lower Upper

83 100

55 18.9 73.8 110.6#

98 0.0 35.1 52.7#



#37

1,2-Dichloropropane

Concen: 0.804 ug/L

RT: 5.998 min Scan# 1542

Delta R.T. -0.103 min

Lab File: VV031699.D

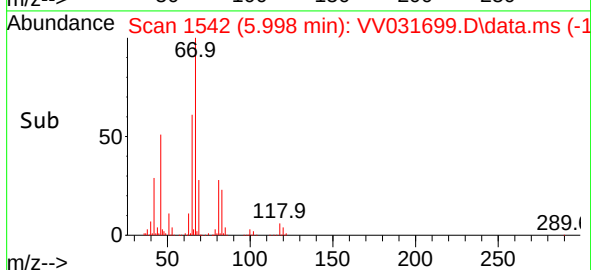
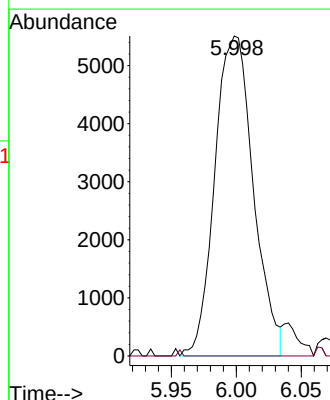
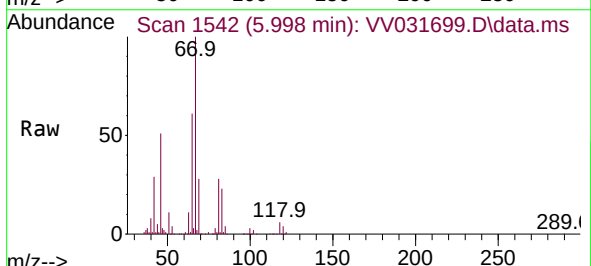
Acq: 13 Jul 2023 16:55

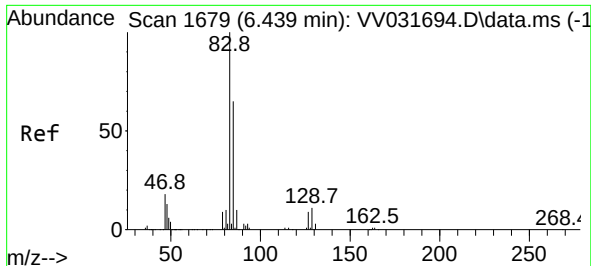
Tgt Ion: 63 Resp: 11376

Ion Ratio Lower Upper

63 100

112 0.2 1.4 2.2#

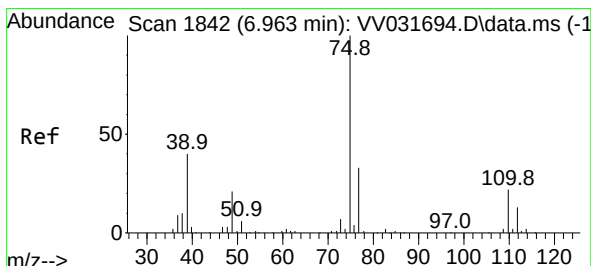
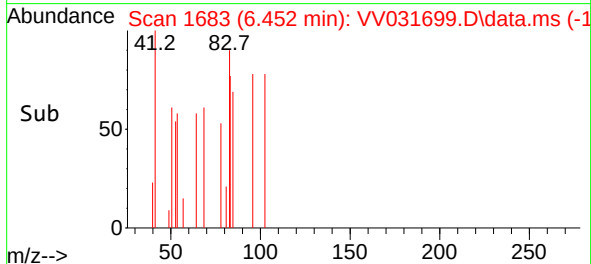
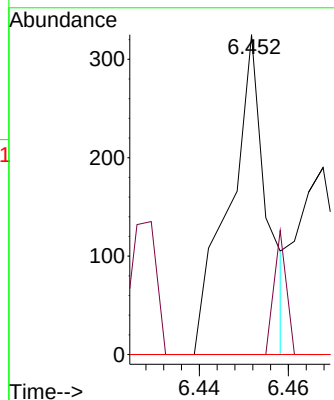
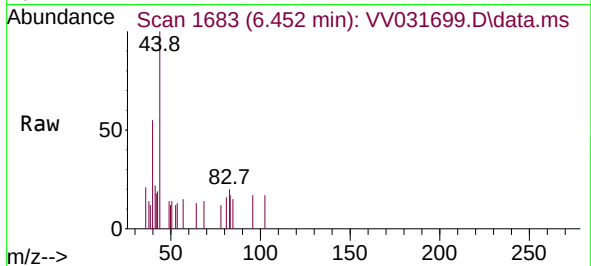




#38
Bromodichloromethane
Concen: 0.010 ug/L
RT: 6.452 min Scan# 11
Delta R.T. 0.013 min
Lab File: VV031699.D
Acq: 13 Jul 2023 16:55

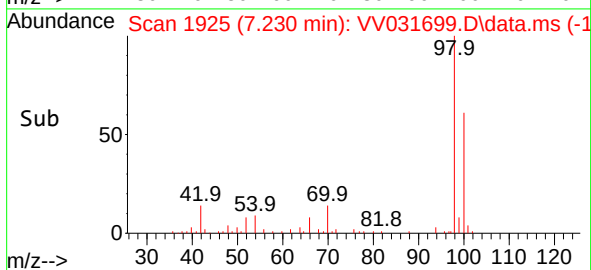
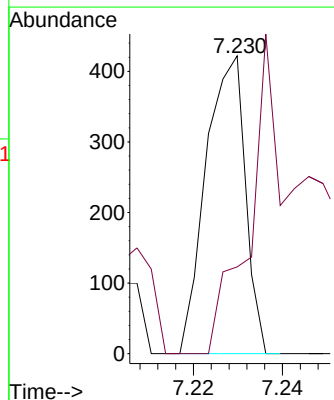
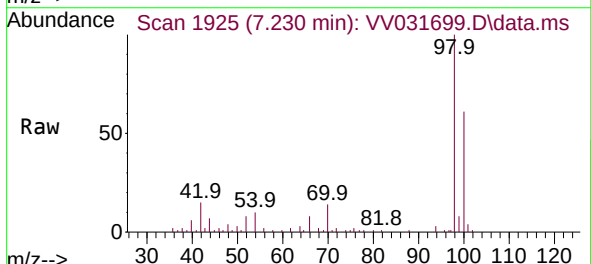
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT3-2023-05

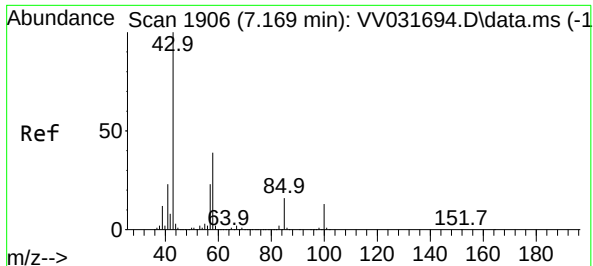
Tgt Ion: 83 Resp: 189
Ion Ratio Lower Upper
83 100
85 0.0 45.5 84.5#
127 0.0 6.9 10.3#



#39
cis-1,3-Dichloropropene
Concen: 0.015 ug/L
RT: 7.230 min Scan# 1925
Delta R.T. 0.267 min
Lab File: VV031699.D
Acq: 13 Jul 2023 16:55

Tgt Ion: 75 Resp: 259
Ion Ratio Lower Upper
75 100
77 29.1 23.0 42.6





#40

4-Methyl-2-pentanone

Concen: 0.025 ug/L

RT: 7.169 min Scan# 1906

Delta R.T. 0.000 min

Lab File: VV031699.D

Acq: 13 Jul 2023 16:55

Instrument :

MSVOA_V

ClientSampleId :

MDL-WATER-QT3-2023-05

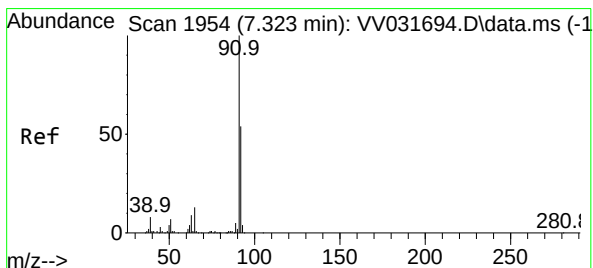
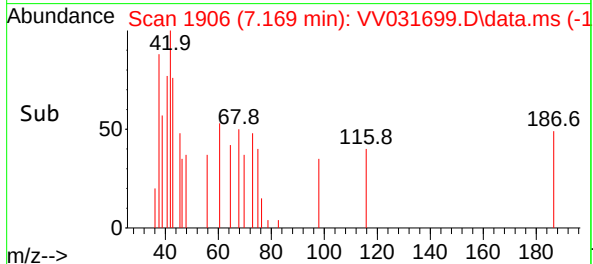
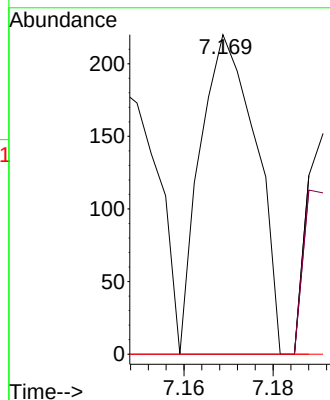
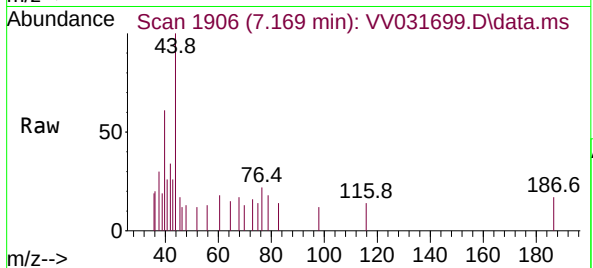
Tgt Ion: 43 Resp: 191

Ion Ratio Lower Upper

43 100

58 0.0 30.3 45.5#

100 0.0 9.7 14.5#



#42

Toluene

Concen: 0.024 ug/L

RT: 7.333 min Scan# 1957

Delta R.T. 0.010 min

Lab File: VV031699.D

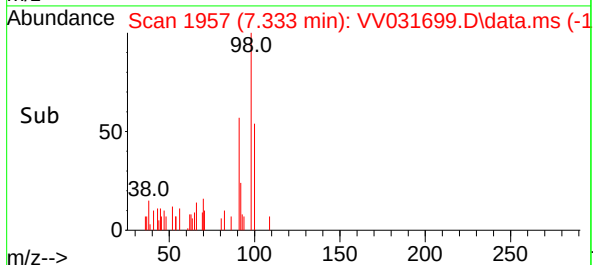
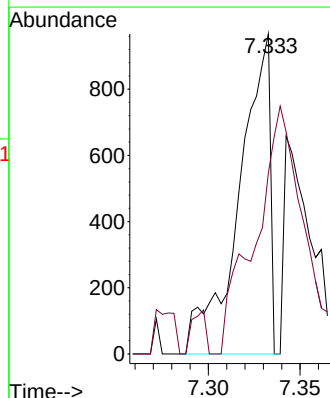
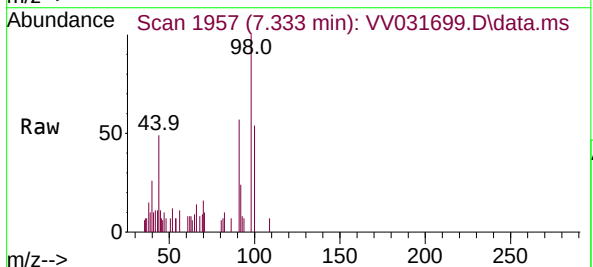
Acq: 13 Jul 2023 16:55

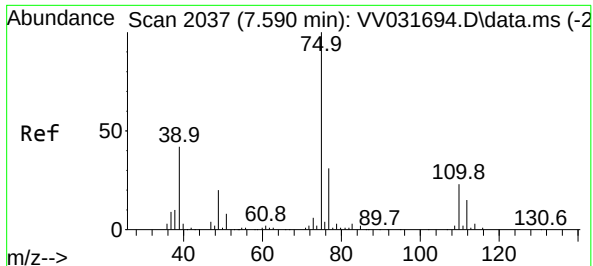
Tgt Ion: 91 Resp: 1135

Ion Ratio Lower Upper

91 100

92 56.6 38.1 70.7

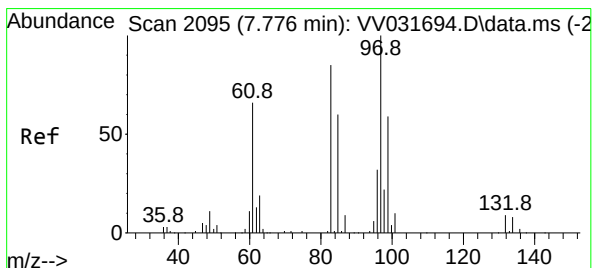
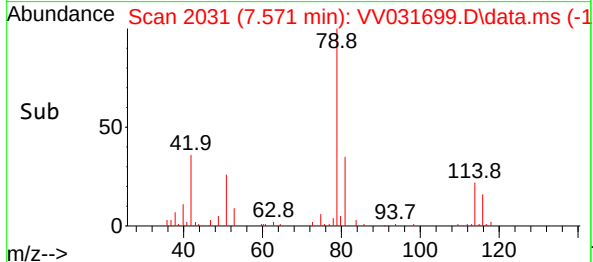
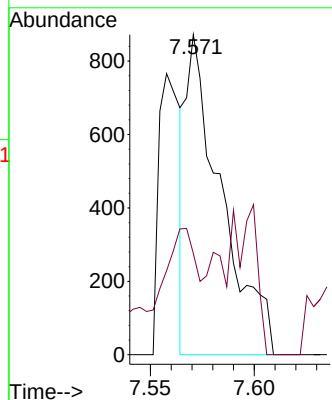
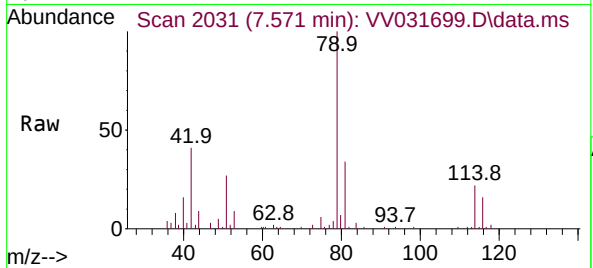




#44
trans-1,3-Dichloropropene
Concen: 0.067 ug/L
RT: 7.571 min Scan# 2031
Delta R.T. -0.019 min
Lab File: VV031699.D
Acq: 13 Jul 2023 16:55

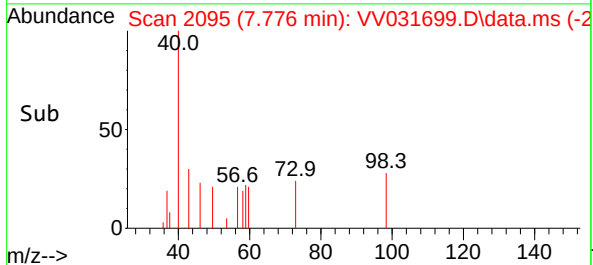
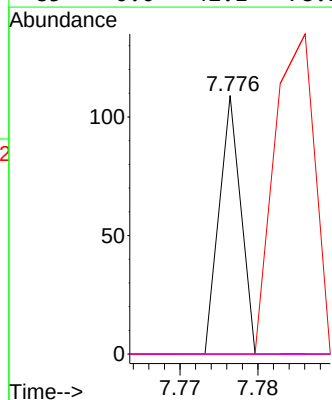
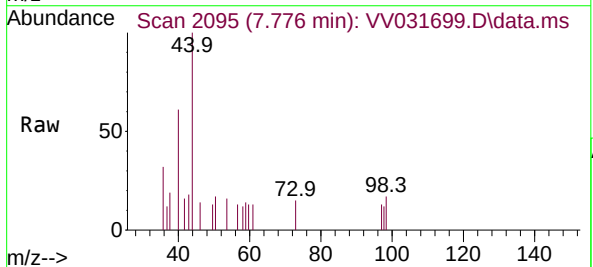
Instrument : MSVOA_V
ClientSampleId : MDL-WATER-QT3-2023-05

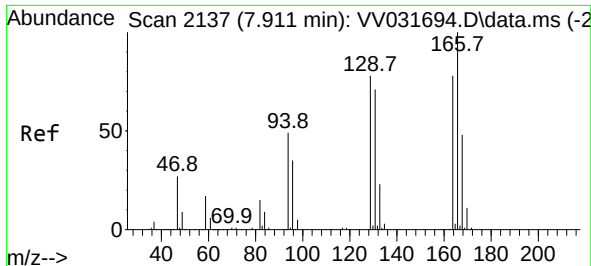
Tgt Ion: 75 Resp: 1035
Ion Ratio Lower Upper
75 100
77 31.7 21.7 40.3



#45
1,1,2-Trichloroethane
Concen: 0.002 ug/L
RT: 7.776 min Scan# 2095
Delta R.T. 0.000 min
Lab File: VV031699.D
Acq: 13 Jul 2023 16:55

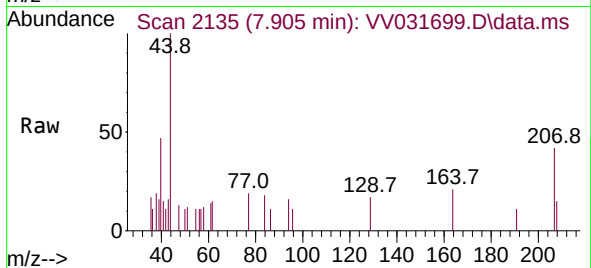
Tgt Ion: 97 Resp: 21
Ion Ratio Lower Upper
97 100
99 0.0 40.9 76.0#
83 0.0 59.7 110.9#
85 0.0 42.1 78.1#



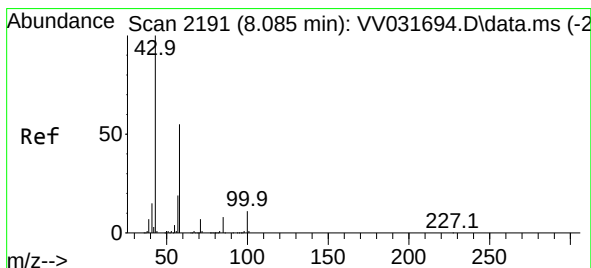
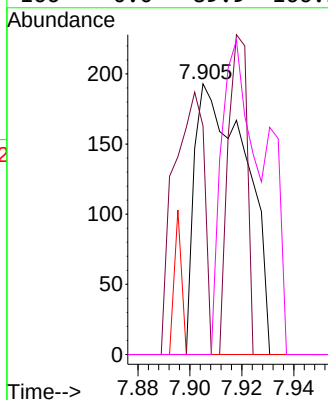
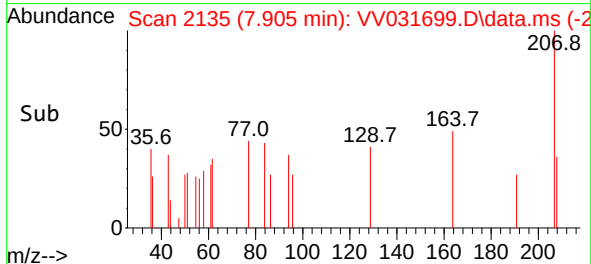


#47
Tetrachloroethene
Concen: 0.027 ug/L
RT: 7.905 min Scan# 2137
Delta R.T. -0.006 min
Lab File: VV031699.D
Acq: 13 Jul 2023 16:55

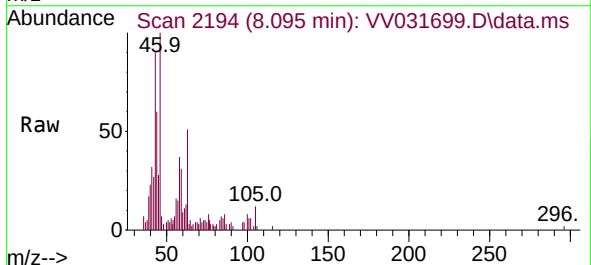
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT3-2023-05



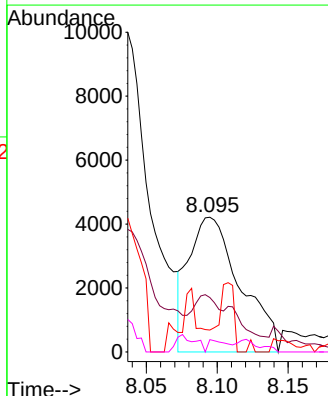
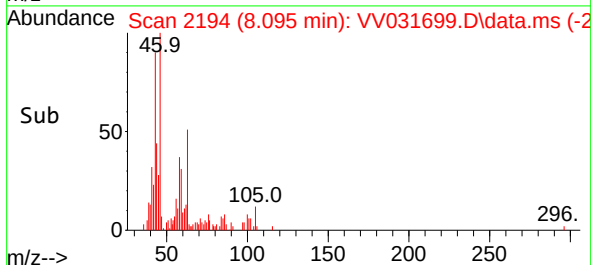
Tgt Ion:164 Resp: 264
Ion Ratio Lower Upper
164 100
129 84.5 70.5 130.9
131 0.0 64.0 118.8#
166 0.0 89.9 166.9#

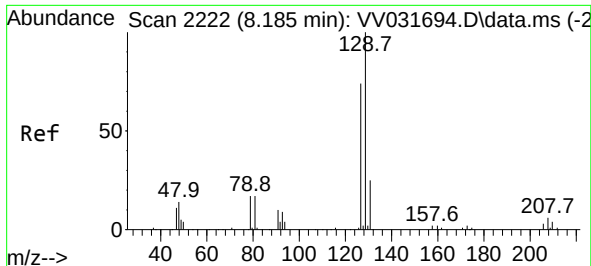


#48
2-Hexanone
Concen: 1.928 ug/L
RT: 8.095 min Scan# 2194
Delta R.T. 0.010 min
Lab File: VV031699.D
Acq: 13 Jul 2023 16:55



Tgt Ion: 43 Resp: 10682
Ion Ratio Lower Upper
43 100
58 6.9 42.6 64.0#
57 0.0 14.6 21.8#
100 3.3 8.4 12.6#





#49

Dibromochloromethane

Concen: 0.002 ug/L

RT: 8.153 min Scan# 21

Delta R.T. -0.032 min

Lab File: VV031699.D

Acq: 13 Jul 2023 16:55

Instrument :

MSVOA_V

ClientSampleId :

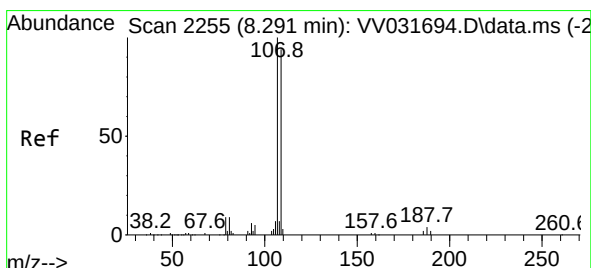
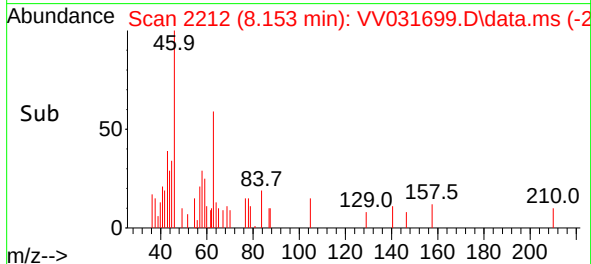
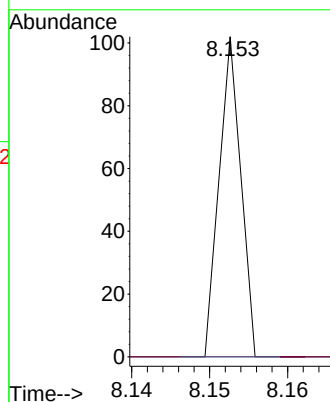
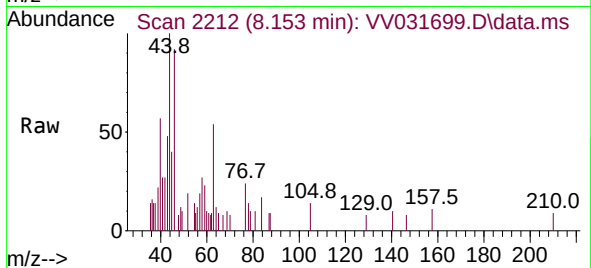
MDL-WATER-QT3-2023-05

Tgt Ion:129 Resp: 20

Ion Ratio Lower Upper

129 100

127 0.0 51.7 96.1#



#50

1,2-Dibromoethane

Concen: 0.008 ug/L

RT: 8.313 min Scan# 2262

Delta R.T. 0.023 min

Lab File: VV031699.D

Acq: 13 Jul 2023 16:55

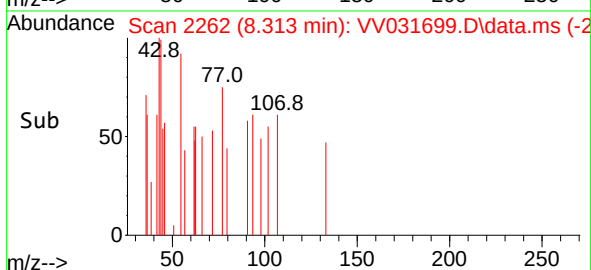
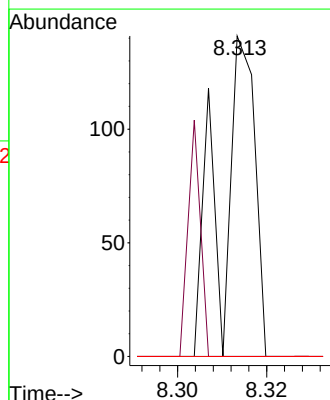
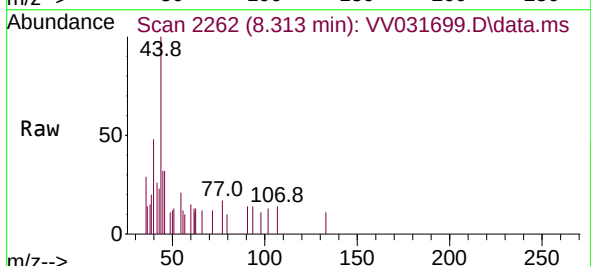
Tgt Ion:107 Resp: 74

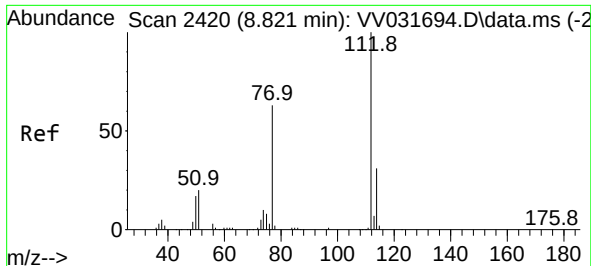
Ion Ratio Lower Upper

107 100

109 0.0 67.6 125.6#

188 0.0 3.0 4.6#

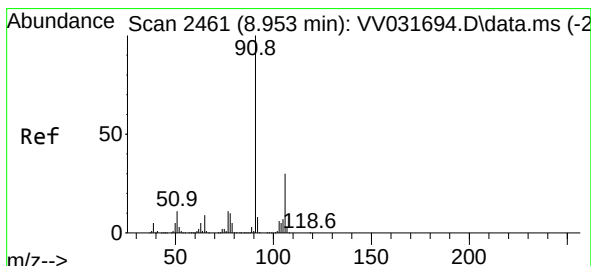
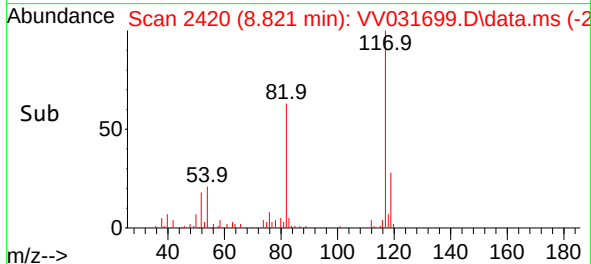
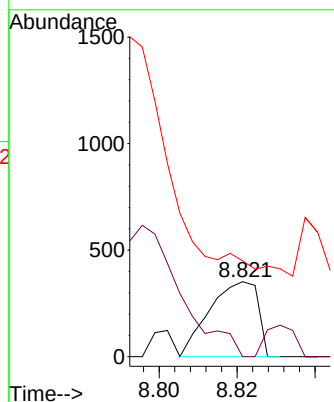
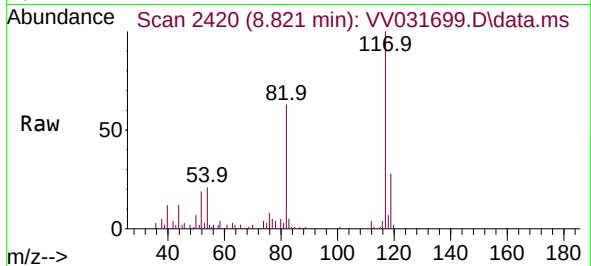




#51
Chlorobenzene
Concen: 0.010 ug/L
RT: 8.821 min Scan# 2420
Delta R.T. 0.000 min
Lab File: VV031699.D
Acq: 13 Jul 2023 16:55

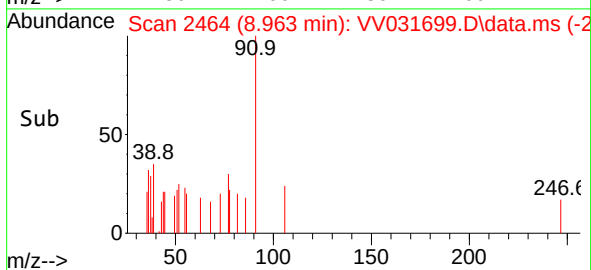
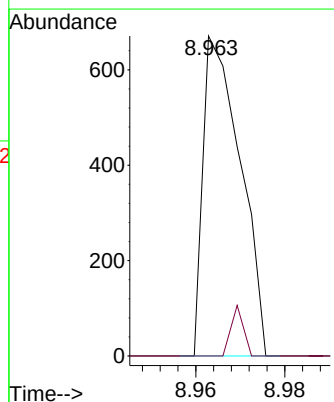
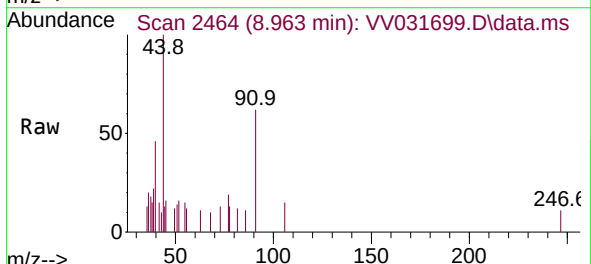
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT3-2023-05

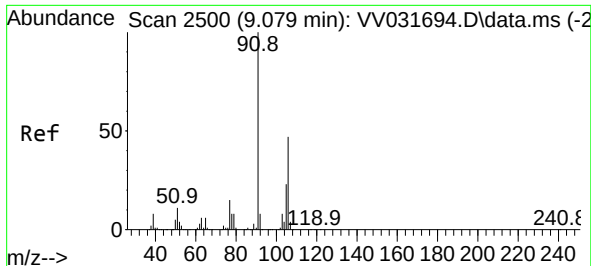
Tgt Ion:112 Resp: 304
Ion Ratio Lower Upper
112 100
114 0.0 21.6 40.2#
77 127.8 54.2 81.4#



#52
Ethylbenzene
Concen: 0.008 ug/L
RT: 8.963 min Scan# 2464
Delta R.T. 0.010 min
Lab File: VV031699.D
Acq: 13 Jul 2023 16:55

Tgt Ion: 91 Resp: 389
Ion Ratio Lower Upper
91 100
106 0.0 21.2 39.4#

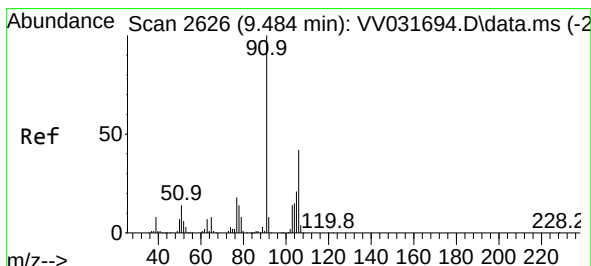
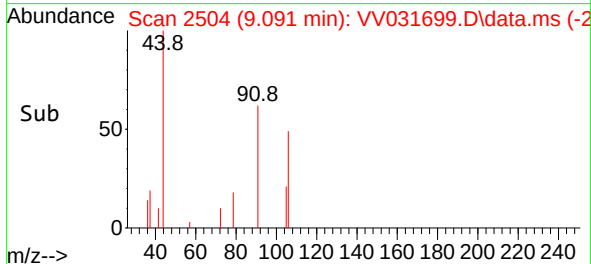
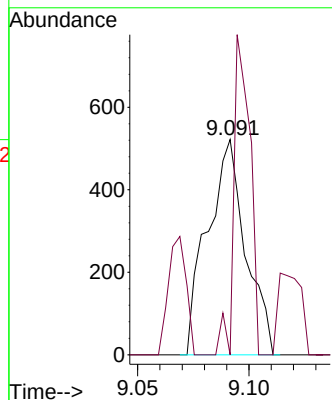
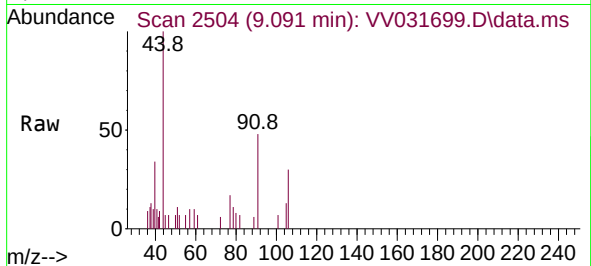




#53
m,p-Xylene
Concen: 0.036 ug/L
RT: 9.091 min Scan# 2504
Delta R.T. 0.013 min
Lab File: VV031699.D
Acq: 13 Jul 2023 16:55

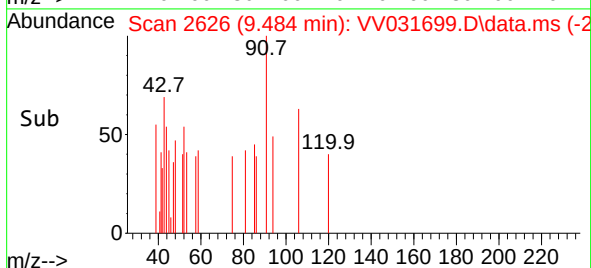
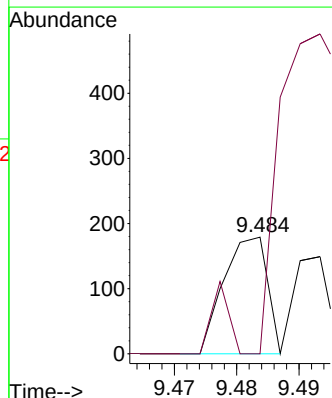
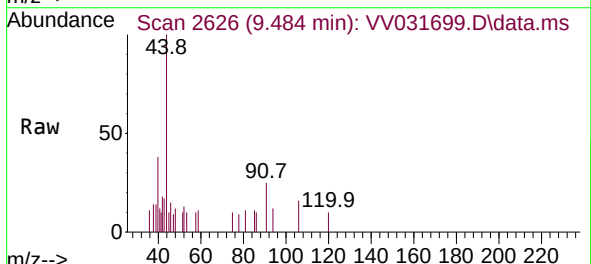
Instrument : MSVOA_V
ClientSampleId : MDL-WATER-QT3-2023-05

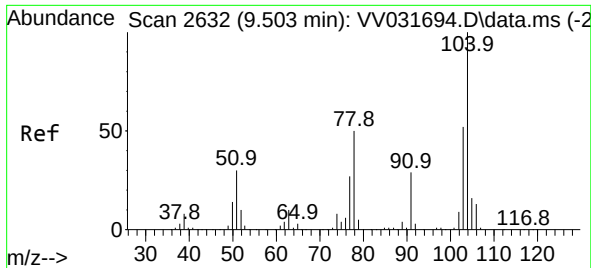
Tgt Ion:106 Resp: 622
Ion Ratio Lower Upper
106 100
91 0.0 149.9 278.3#



#54
o-Xylene
Concen: 0.005 ug/L
RT: 9.484 min Scan# 2626
Delta R.T. 0.000 min
Lab File: VV031699.D
Acq: 13 Jul 2023 16:55

Tgt Ion:106 Resp: 87
Ion Ratio Lower Upper
106 100
91 0.0 166.7 309.5#

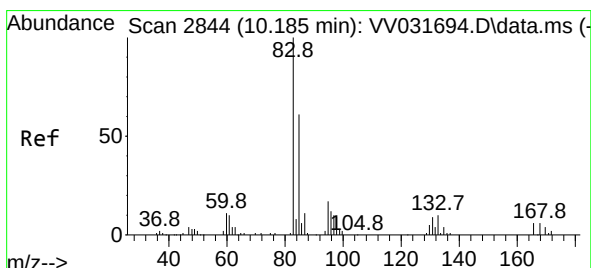
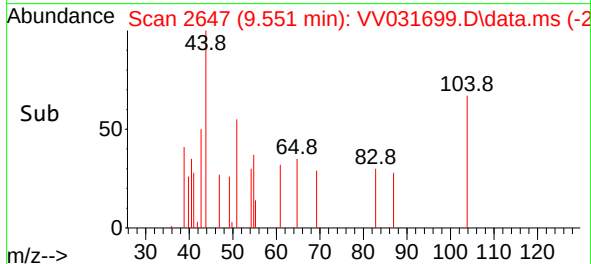
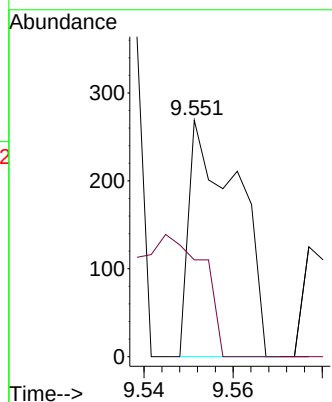
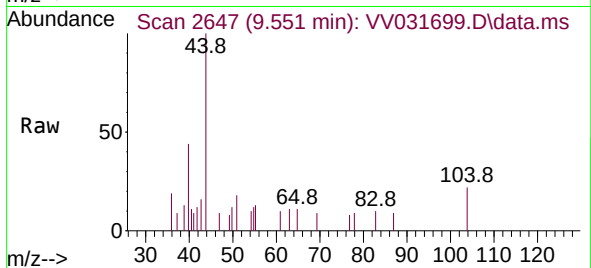




#55
Styrene
Concen: 0.007 ug/L
RT: 9.551 min Scan# 20
Delta R.T. 0.048 min
Lab File: VV031699.D
Acq: 13 Jul 2023 16:55

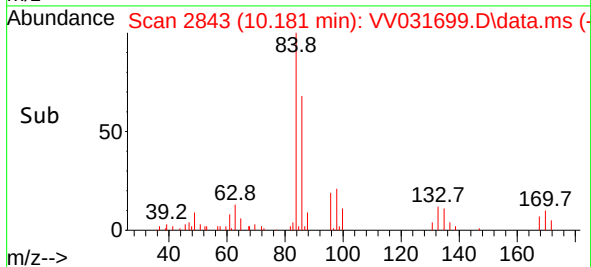
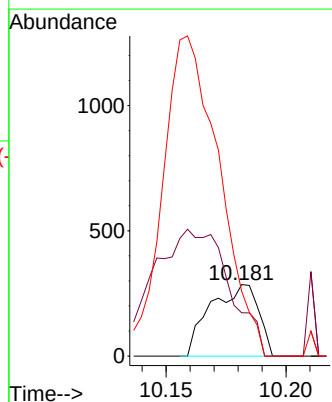
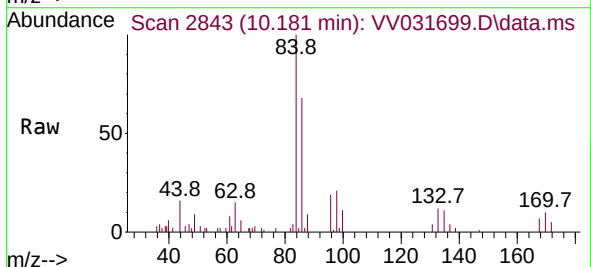
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT3-2023-05

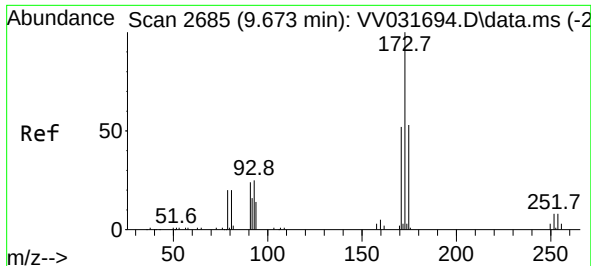
Tgt Ion:104 Resp: 202
Ion Ratio Lower Upper
104 100
78 40.9 35.3 65.5



#57
1,1,2,2-Tetrachloroethane
Concen: 0.036 ug/L
RT: 10.181 min Scan# 2843
Delta R.T. -0.003 min
Lab File: VV031699.D
Acq: 13 Jul 2023 16:55

Tgt Ion: 83 Resp: 395
Ion Ratio Lower Upper
83 100
85 60.7 48.6 90.2
131 90.9 7.0 10.6#





#59

Bromoform

Concen: 0.008 ug/L

RT: 9.567 min Scan# 2

Delta R.T. -0.106 min

Lab File: VV031699.D

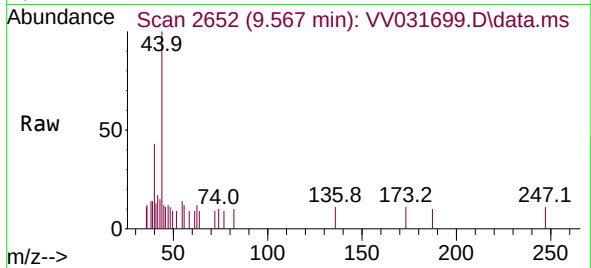
Acq: 13 Jul 2023 16:55

Instrument :

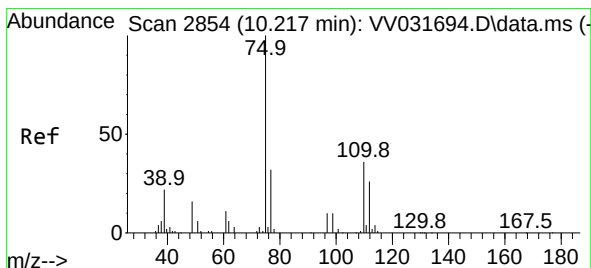
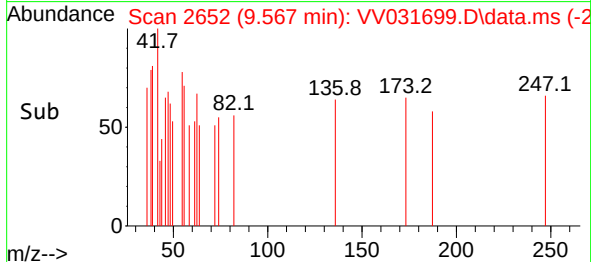
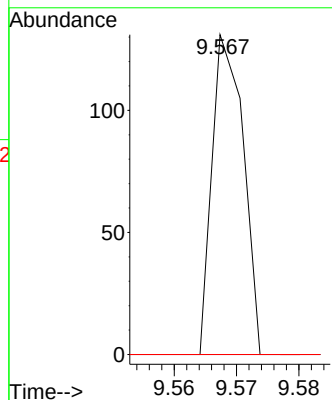
MSVOA_V

ClientSampleId :

MDL-WATER-QT3-2023-05



Tgt Ion:	173	Resp:	46
Ion Ratio	Lower	Upper	
173	100		
175	43.5	40.2	60.4
254	95.7	6.4	9.6#



#61

1,2,3-Trichloropropane

Concen: 1.471 ug/L

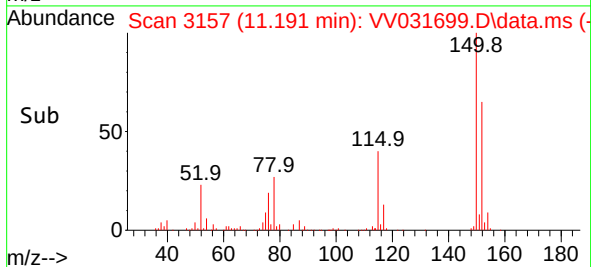
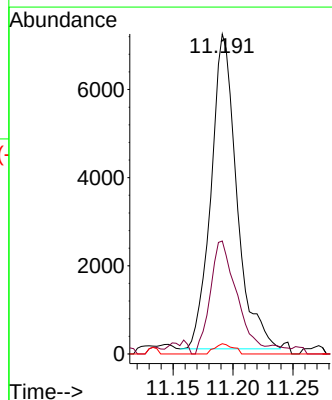
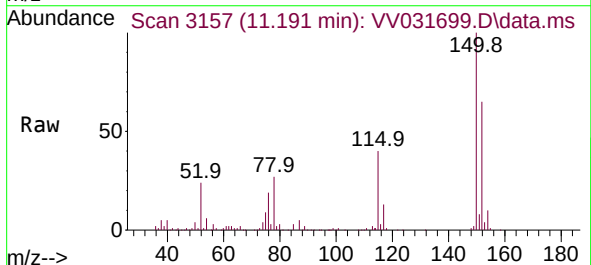
RT: 11.191 min Scan# 3157

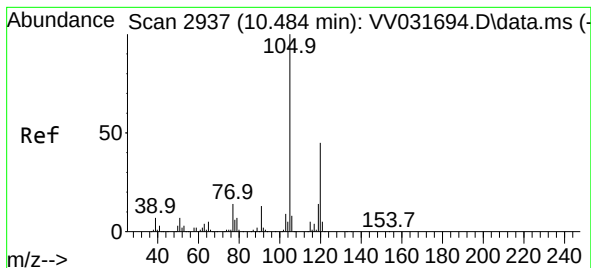
Delta R.T. 0.974 min

Lab File: VV031699.D

Acq: 13 Jul 2023 16:55

Tgt Ion:	75	Resp:	10663
Ion Ratio	Lower	Upper	
75	100		
77	37.0	25.9	38.9
110	2.3	28.6	42.8#





#62

1,3,5-Trimethylbenzene

Concen: 0.018 ug/L

RT: 10.487 min Scan# 2937

Delta R.T. 0.003 min

Lab File: VV031699.D

Acq: 13 Jul 2023 16:55

Instrument :

MSVOA_V

ClientSampleId :

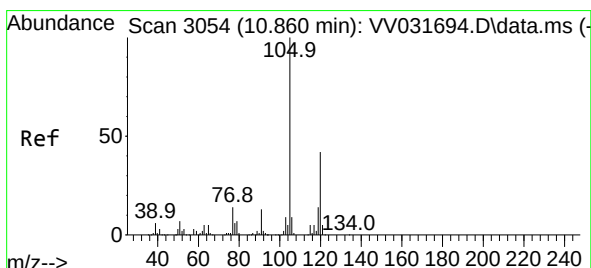
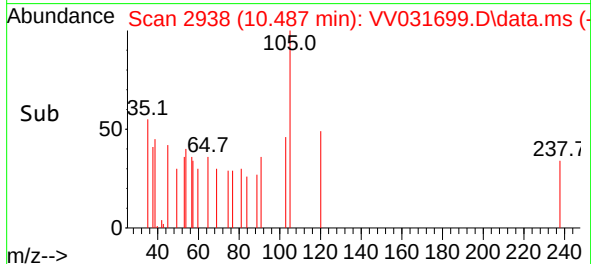
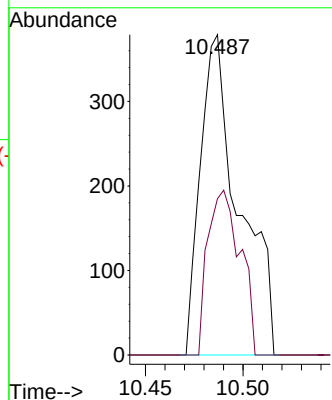
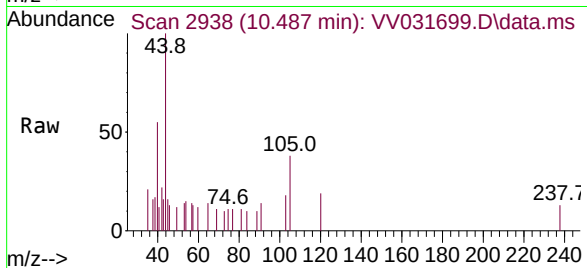
MDL-WATER-QT3-2023-05

Tgt Ion:105 Resp: 525

Ion Ratio Lower Upper

105 100

120 43.0 36.2 54.4



#63

1,2,4-Trimethylbenzene

Concen: 0.018 ug/L

RT: 10.487 min Scan# 2938

Delta R.T. -0.373 min

Lab File: VV031699.D

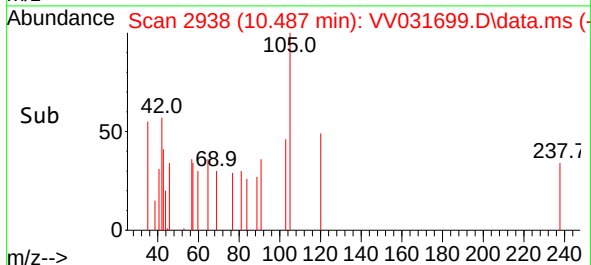
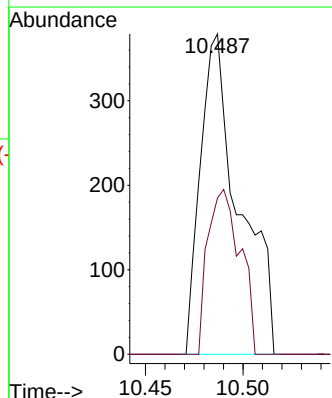
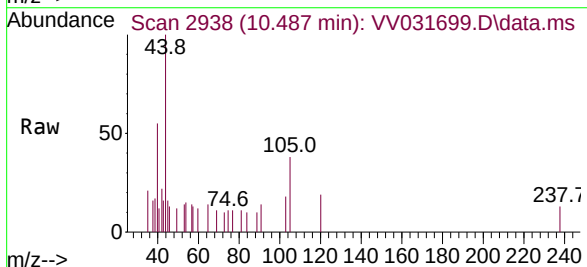
Acq: 13 Jul 2023 16:55

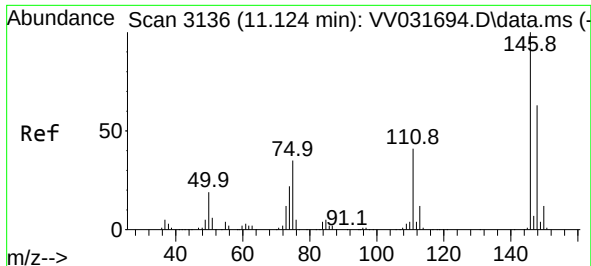
Tgt Ion:105 Resp: 525

Ion Ratio Lower Upper

105 100

120 43.0 33.4 50.0

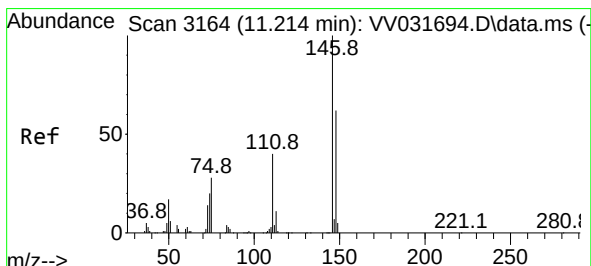
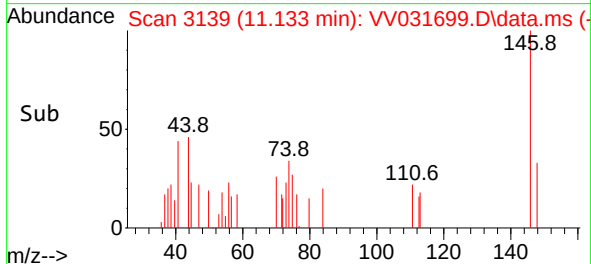
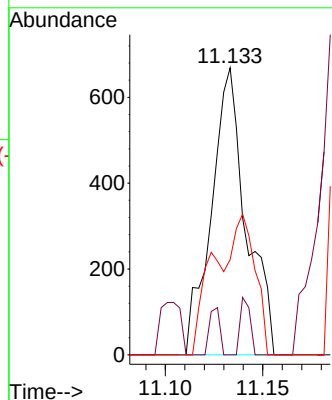
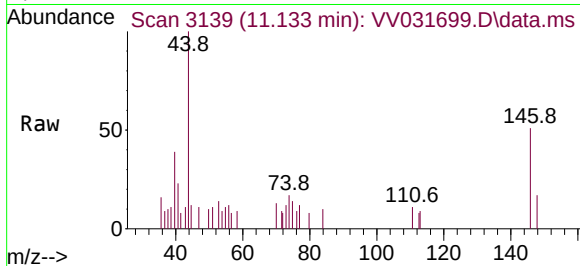




#64
1,3-Dichlorobenzene
Concen: 0.043 ug/L
RT: 11.133 min Scan# 3139
Delta R.T. 0.010 min
Lab File: VV031699.D
Acq: 13 Jul 2023 16:55

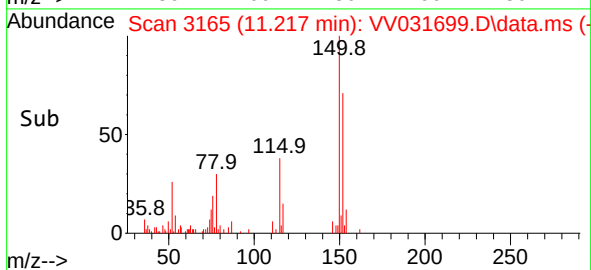
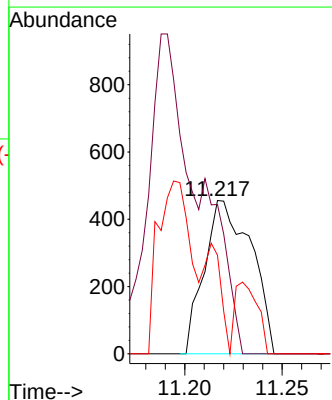
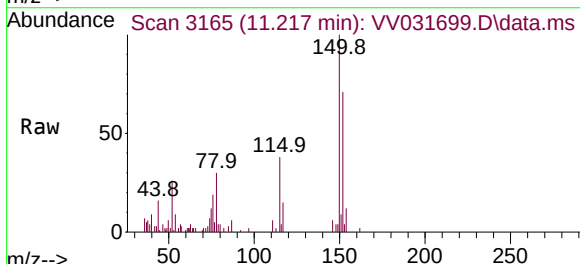
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT3-2023-05

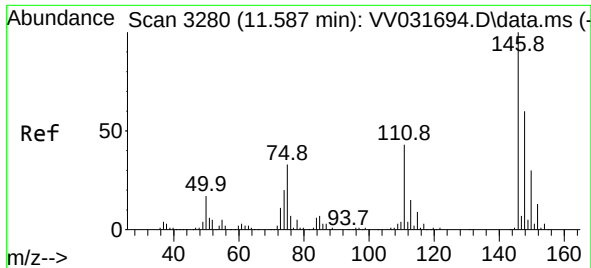
Tgt Ion:146 Resp: 828
Ion Ratio Lower Upper
146 100
111 0.0 28.8 53.4#
148 33.2 43.8 81.4#



#65
1,4-Dichlorobenzene
Concen: 0.037 ug/L
RT: 11.217 min Scan# 3165
Delta R.T. 0.003 min
Lab File: VV031699.D
Acq: 13 Jul 2023 16:55

Tgt Ion:146 Resp: 764
Ion Ratio Lower Upper
146 100
111 97.4 28.2 52.4#
148 64.3 43.6 81.0





#67

1,2-Dichlorobenzene

Concen: 0.037 ug/L

RT: 11.583 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV031699.D

Acq: 13 Jul 2023 16:55

Instrument :

MSVOA_V

ClientSampleId :

MDL-WATER-QT3-2023-05

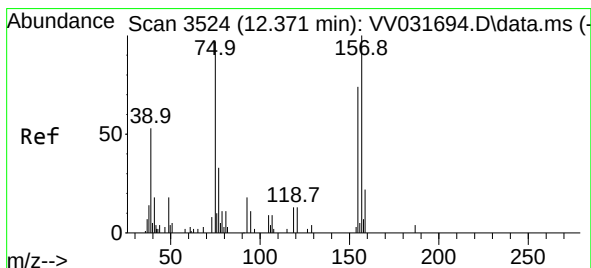
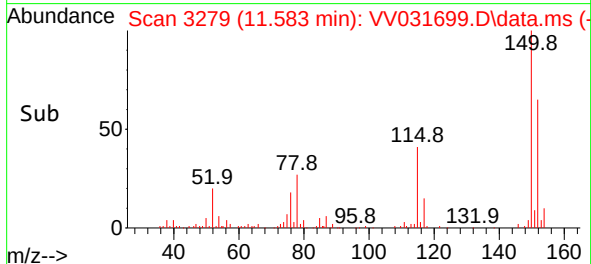
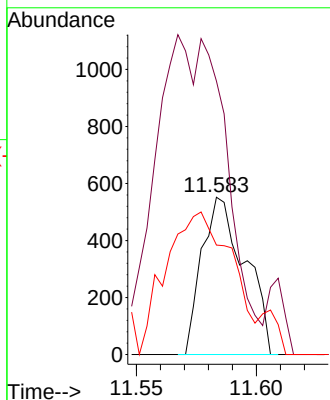
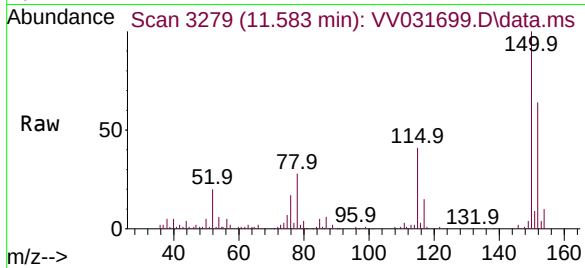
Tgt Ion:146 Resp: 690

Ion Ratio Lower Upper

146 100

111 173.7 34.2 51.4#

148 69.6 48.1 72.1



#68

1,2-Dibromo-3-chloropropane

Concen: 0.095 ug/L

RT: 12.374 min Scan# 3525

Delta R.T. 0.003 min

Lab File: VV031699.D

Acq: 13 Jul 2023 16:55

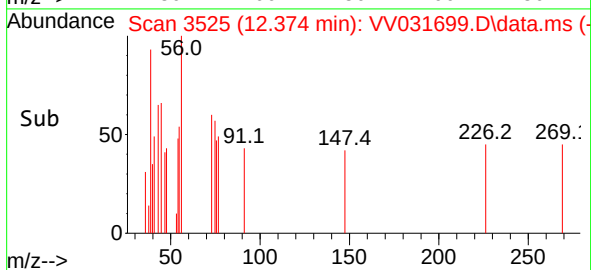
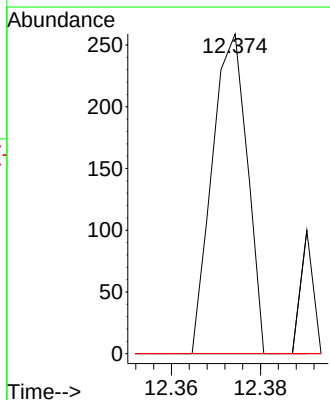
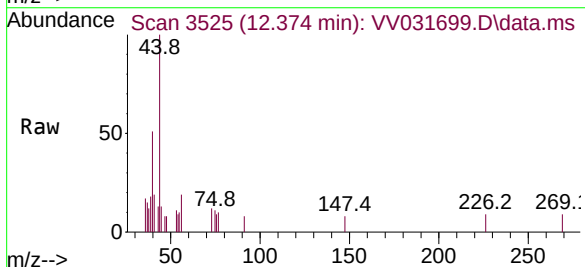
Tgt Ion: 75 Resp: 142

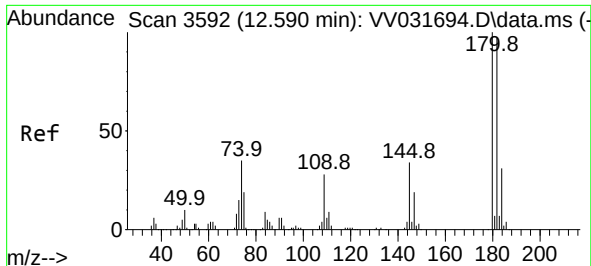
Ion Ratio Lower Upper

75 100

155 0.0 61.4 92.0#

157 0.0 82.8 124.2#

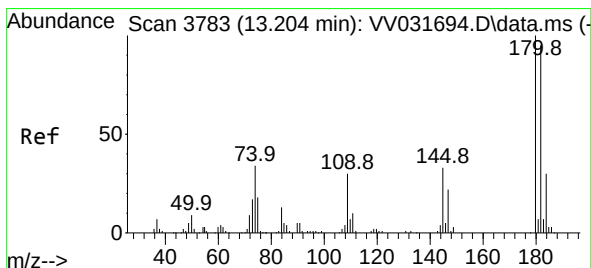
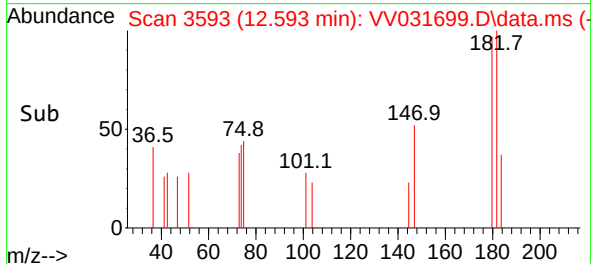
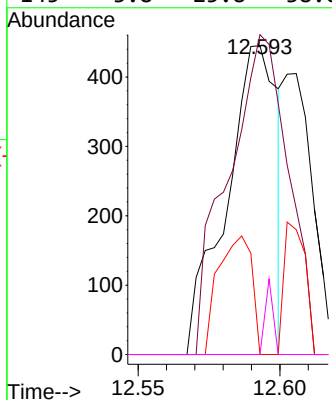
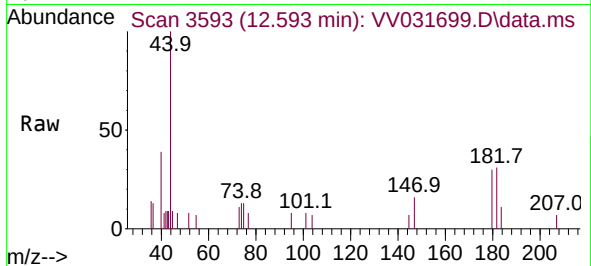




#69
1,3,5-Trichlorobenzene
Concen: 0.039 ug/L
RT: 12.593 min Scan# 3593
Delta R.T. 0.003 min
Lab File: VV031699.D
Acq: 13 Jul 2023 16:55

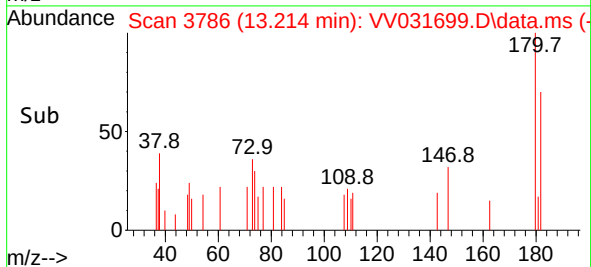
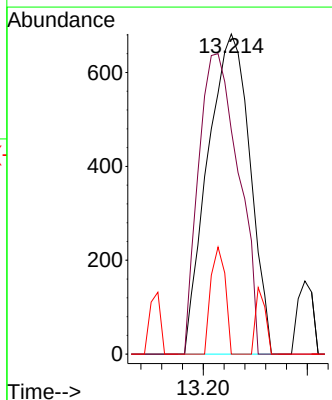
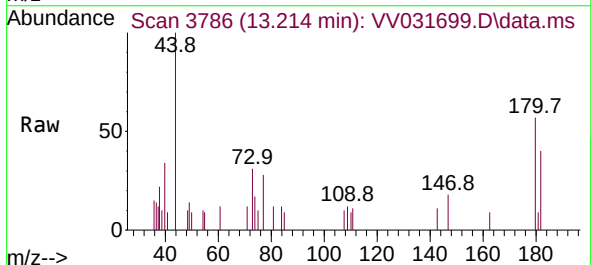
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT3-2023-05

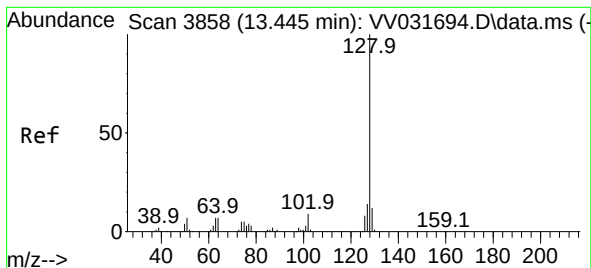
Tgt Ion:180	Resp:	555
Ion Ratio	Lower	Upper
180	100	
182	122.7	78.3 117.5#
184	17.8	24.5 36.7#
145	3.8	25.8 38.6#



#70
1,2,4-trichlorobenzene
Concen: 0.086 ug/L
RT: 13.214 min Scan# 3786
Delta R.T. 0.010 min
Lab File: VV031699.D
Acq: 13 Jul 2023 16:55

Tgt Ion:180	Resp:	965
Ion Ratio	Lower	Upper
180	100	
182	88.7	76.0 114.0
145	11.4	26.2 39.4#





#71

Naphthalene

Concen: 0.105 ug/L

RT: 13.455 min Scan# 3861

Delta R.T. 0.010 min

Lab File: VV031699.D

Acq: 13 Jul 2023 16:55

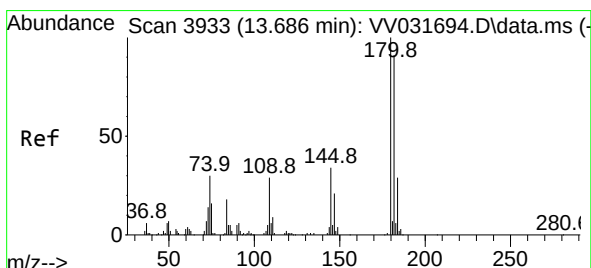
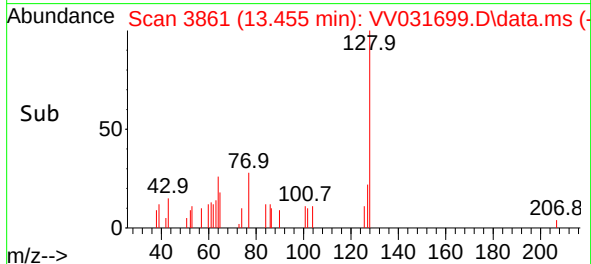
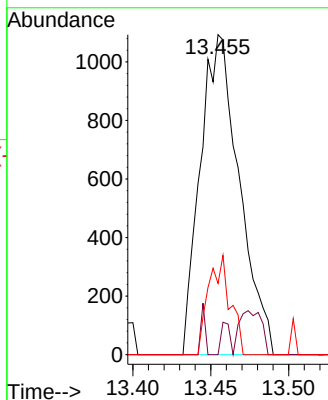
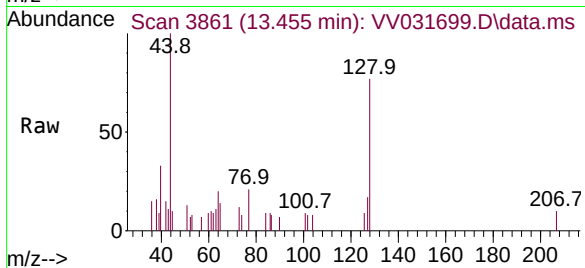
Instrument :

MSVOA_V

ClientSampleId :

MDL-WATER-QT3-2023-05

Tgt Ion:	128	Resp:	1903
Ion	Ratio	Lower	Upper
128	100		
129	2.2	9.1	13.7#
127	17.2	11.6	17.4



#72

1,2,3-Trichlorobenzene

Concen: 0.051 ug/L

RT: 13.696 min Scan# 3936

Delta R.T. 0.010 min

Lab File: VV031699.D

Acq: 13 Jul 2023 16:55

Tgt Ion:	180	Resp:	532
Ion	Ratio	Lower	Upper
180	100		
182	80.6	74.6	111.8
145	11.7	27.4	41.0#

