

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081921\
 Data File : VX023839.D
 Acq On : 19 Aug 2021 15:07
 Operator : JC/MD
 Sample : M3263-01
 Misc : 25.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-QT4-2021-07

Quant Time: Aug 20 06:33:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXTR081921WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Aug 19 11:43:07 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	126842	5.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	119132	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	58663	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	22398	4.519	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.400%
7) Chloroethane-d5	1.672	69	28632	4.713	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.200%
11) 1,1-Dichloroethene-d2	2.306	63	49660	3.344	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.800%
20) 2-Butanone-d5	4.465	46	103485	51.493	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.980%
24) Chloroform-d	5.068	84	76593	4.490	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.800%
26) 1,2-Dichloroethane-d4	5.964	65	42135	4.571	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.400%
32) Benzene-d6	5.977	84	155443	4.697	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.000%
36) 1,2-Dichloropropane-d6	7.312	67	48628	4.707	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.200%
41) Toluene-d8	8.653	98	141184	4.487	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.800%
43) trans-1,3-Dichloroprop...	8.952	79	12786	4.447	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.000%
46) 2-Hexanone-d5	9.384	63	80697	50.896	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.800%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	34305	4.640	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.800%
66) 1,2-Dichlorobenzene-d4	12.323	152	52685	4.783	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.173	85	1997	0.161	ug/L	93
3) Chloromethane	1.294	50	1988	0.196	ug/L	99
5) Vinyl chloride	1.374	62	1876	0.180	ug/L #	74
6) Bromomethane	1.611	94	1320	0.201	ug/L	99
8) Chloroethane	1.691	64	1246	0.197	ug/L	89
9) Trichlorofluoromethane	1.892	101	2942	0.182	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	1972	0.223	ug/L	91
12) 1,1-Dichloroethene	2.319	96	1562	0.186	ug/L #	1
13) Acetone	2.392	43	2821	2.254	ug/L	87
14) Carbon disulfide	2.514	76	3805	0.169	ug/L	97
15) Methyl Acetate	2.709	43	778	0.234	ug/L #	68
16) Methylene chloride	2.794	84	30866	2.783	ug/L	90
17) Methyl tert-butyl Ether	3.117	73	3136	0.168	ug/L #	89
18) trans-1,2-Dichloroethene	3.087	96	1499	0.173	ug/L	95
19) 1,1-Dichloroethane	3.617	63	2614	0.168	ug/L	97
21) 2-Butanone	4.568	43	3801	1.816	ug/L	87
22) cis-1,2-Dichloroethene	4.495	96	1462	0.157	ug/L #	61
23) Bromochloromethane	4.904	128	723	0.181	ug/L #	51
25) Chloroform	5.105	83	5992	0.360	ug/L	77

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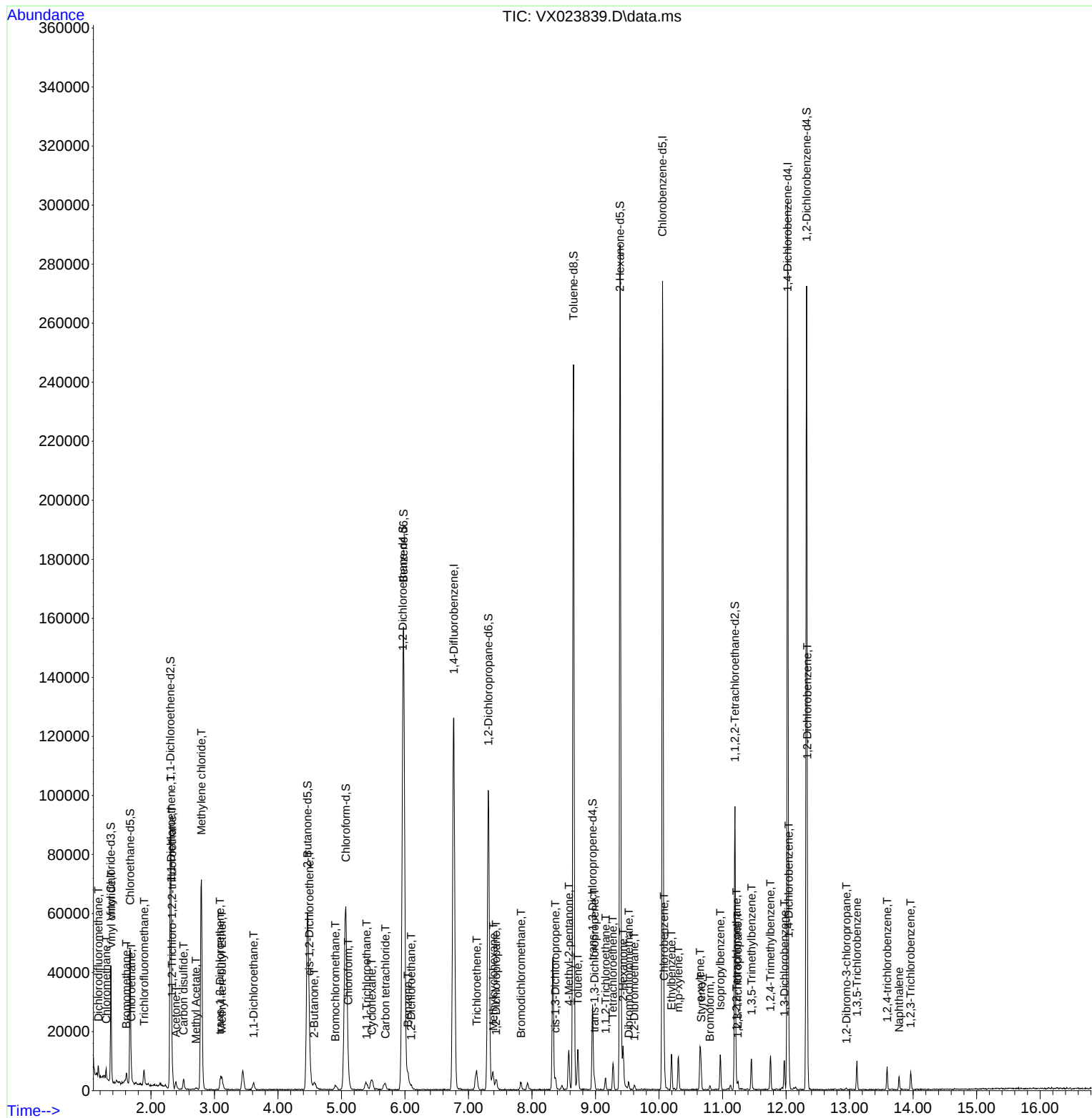
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.098	62	1787	0.175	ug/L #	73
29) 1,1,1-Trichloroethane	5.397	97	2471	0.172	ug/L	93
30) Cyclohexane	5.477	56	2448	0.170	ug/L	93
31) Carbon tetrachloride	5.690	117	1941	0.157	ug/L	96
33) Benzene	6.044	78	5936	0.167	ug/L	100
34) Trichloroethene	7.129	95	1668	0.171	ug/L #	78
35) Methylcyclohexane	7.391	83	2360	0.157	ug/L	95
37) 1,2-Dichloropropane	7.434	63	1563	0.177	ug/L #	94
38) Bromodichloromethane	7.830	83	1604	0.154	ug/L #	93
39) cis-1,3-Dichloropropene	8.366	75	2072	0.173	ug/L	97
40) 4-Methyl-2-pentanone	8.580	43	8008	1.561	ug/L #	82
42) Toluene	8.720	91	8060	0.210	ug/L	95
44) trans-1,3-Dichloropropene	8.982	75	1813	0.182	ug/L	100
45) 1,1,2-Trichloroethane	9.159	97	1050	0.174	ug/L	89
47) Tetrachloroethene	9.275	164	1382	0.177	ug/L	87
48) 2-Hexanone	9.433	43	6852	1.862	ug/L #	90
49) Dibromochloromethane	9.525	129	923	0.143	ug/L	100
50) 1,2-Dibromoethane	9.610	107	924	0.165	ug/L #	85
51) Chlorobenzene	10.079	112	4321	0.173	ug/L	93
52) Ethylbenzene	10.195	91	6580	0.160	ug/L	99
53) m,p-xylene	10.305	106	2762	0.169	ug/L	88
54) o-xylene	10.646	106	2449	0.157	ug/L	74
55) Styrene	10.665	104	3646	0.140	ug/L	95
57) 1,1,2,2-Tetrachloroethane	11.220	83	1341	0.196	ug/L #	96
59) Bromoform	10.799	173	515	0.167	ug/L #	80
60) Isopropylbenzene	10.963	105	5877	0.150	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	960	0.201	ug/L #	90
62) 1,3,5-Trimethylbenzene	11.457	105	4567	0.141	ug/L	96
63) 1,2,4-Trimethylbenzene	11.756	105	4887	0.148	ug/L	97
64) 1,3-Dichlorobenzene	11.975	146	3313	0.179	ug/L	97
65) 1,4-Dichlorobenzene	12.043	146	3216	0.174	ug/L #	77
67) 1,2-Dichlorobenzene	12.335	146	2991	0.176	ug/L #	90
68) 1,2-Dibromo-3-chloropr...	12.951	75	180	0.191	ug/L #	62
69) 1,3,5-Trichlorobenzene	13.116	180	2431	0.176	ug/L	94
70) 1,2,4-trichlorobenzene	13.591	180	1905	0.173	ug/L	96
71) Naphthalene	13.780	128	2639	0.142	ug/L #	93
72) 1,2,3-Trichlorobenzene	13.963	180	1513	0.150	ug/L	97

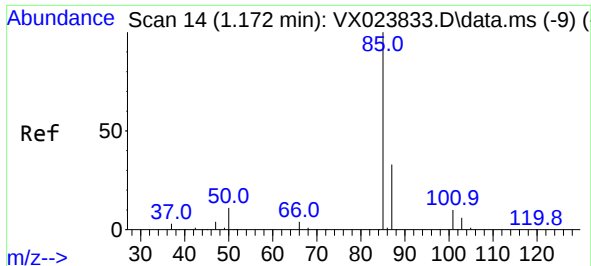
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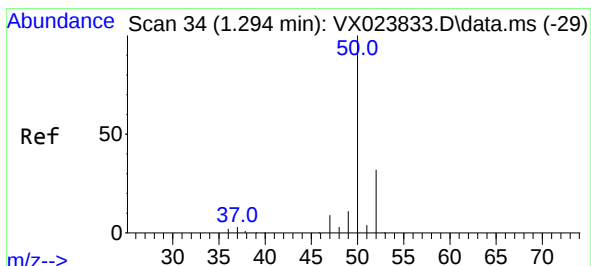
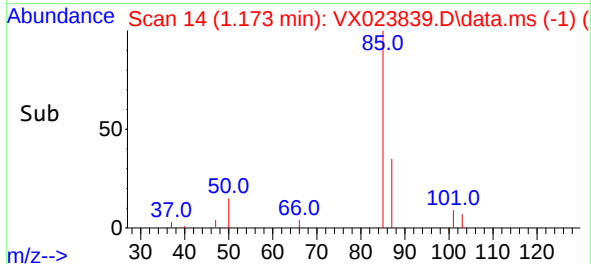
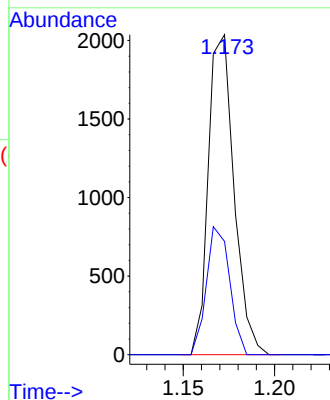
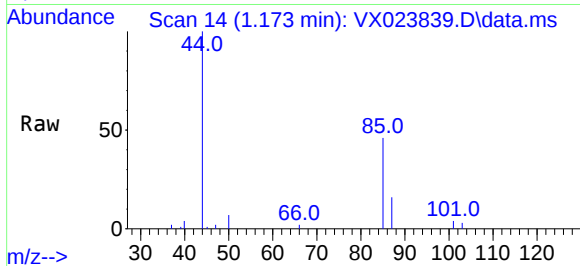




#2
Dichlorodifluoromethane
Concen: 0.161 ug/L
RT: 1.173 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX023839.D
Acq: 19 Aug 2021 15:07

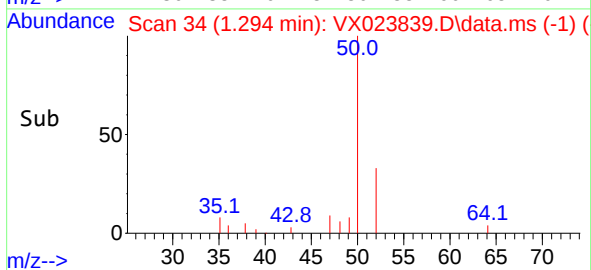
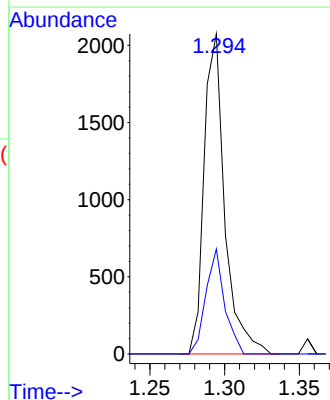
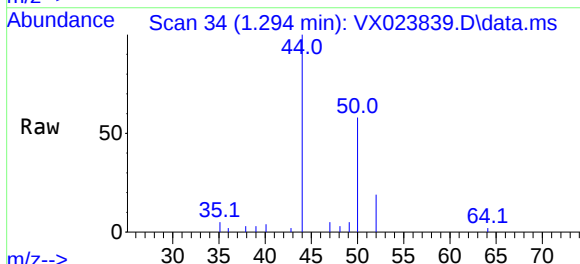
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT4-2021-07

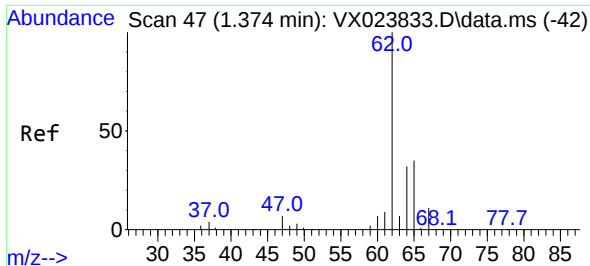
Tgt Ion: 85 Resp: 1997
Ion Ratio Lower Upper
85 100
87 36.1 25.8 38.8



#3
Chloromethane
Concen: 0.196 ug/L
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX023839.D
Acq: 19 Aug 2021 15:07

Tgt Ion: 50 Resp: 1988
Ion Ratio Lower Upper
50 100
52 32.8 23.5 43.7

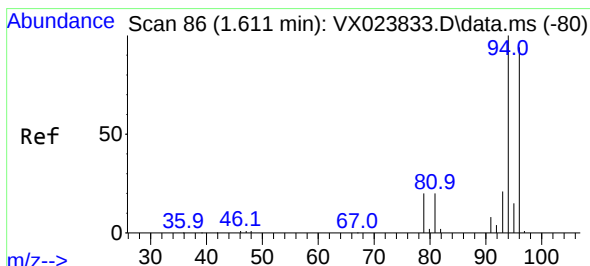
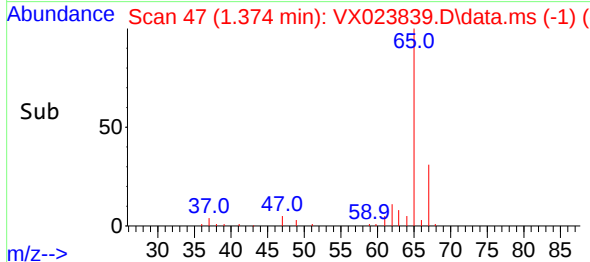
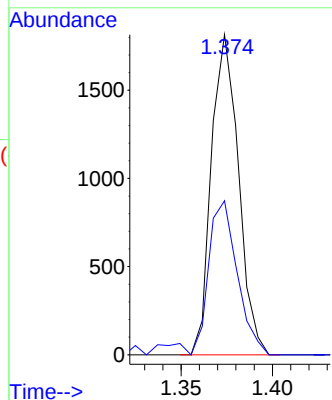
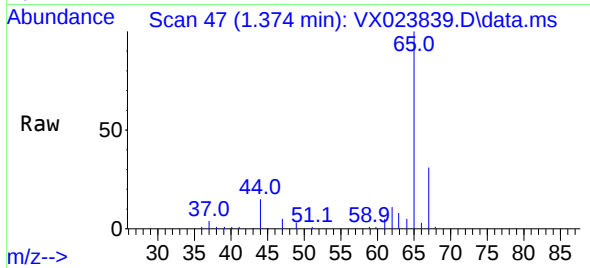




#5
 Vinyl chloride
 Concen: 0.180 ug/L
 RT: 1.374 min Scan# 47
 Delta R.T. 0.000 min
 Lab File: VX023839.D
 Acq: 19 Aug 2021 15:07

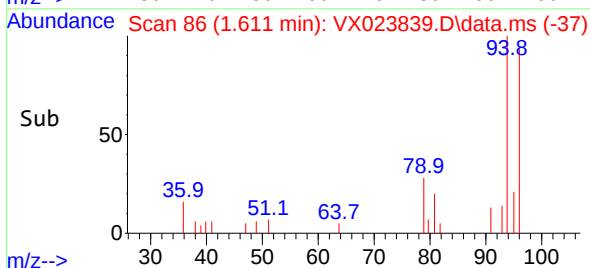
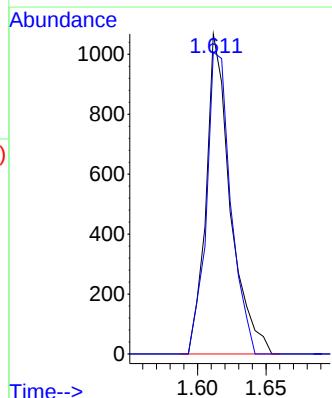
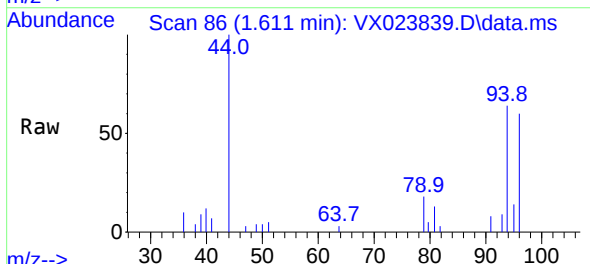
Instrument :
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 MDL-WATER-QT4-2021-07

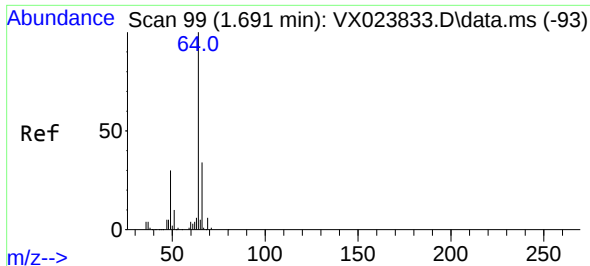
Tgt Ion: 62 Resp: 1876
 Ion Ratio Lower Upper
 62 100
 64 48.1 23.2 43.2#



#6
 Bromomethane
 Concen: 0.201 ug/L
 RT: 1.611 min Scan# 86
 Delta R.T. 0.000 min
 Lab File: VX023839.D
 Acq: 19 Aug 2021 15:07

Tgt Ion: 94 Resp: 1320
 Ion Ratio Lower Upper
 94 100
 96 94.3 65.7 121.9

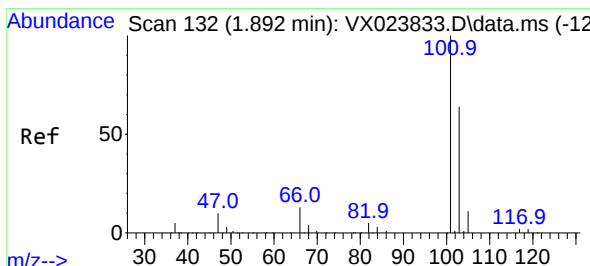
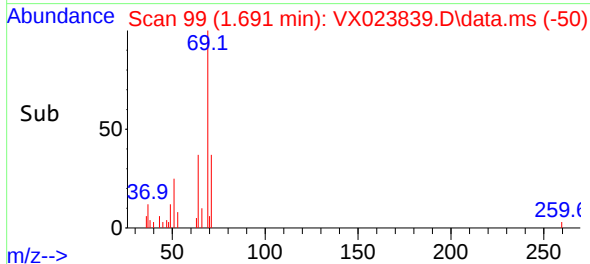
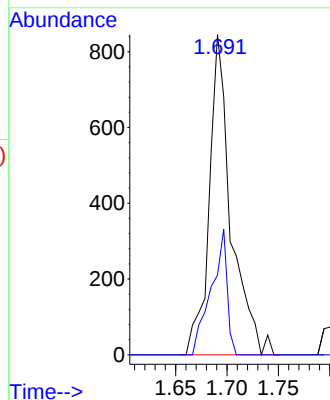
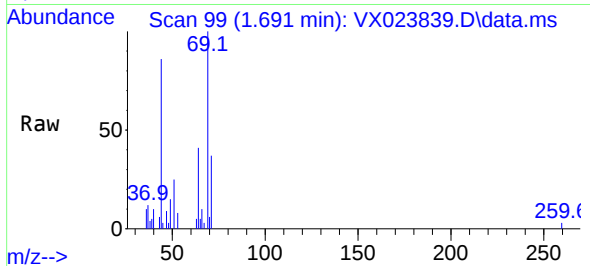




#8
Chloroethane
Concen: 0.197 ug/L
RT: 1.691 min Scan# 99
Delta R.T. 0.000 min
Lab File: VX023839.D
Acq: 19 Aug 2021 15:07

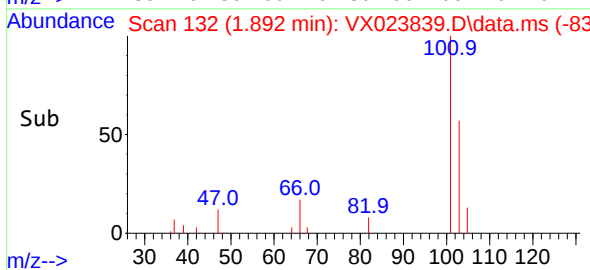
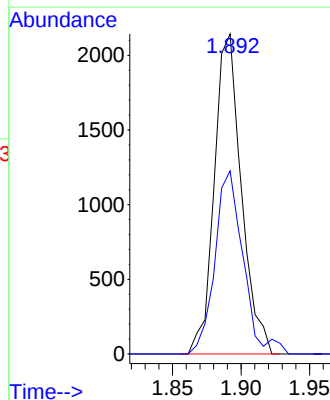
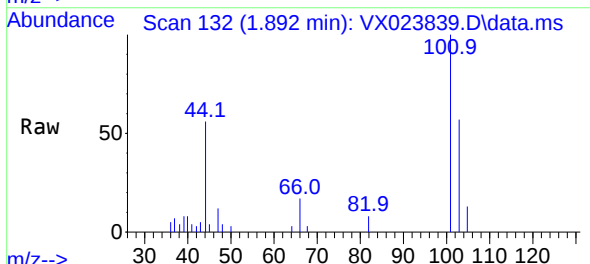
Instrument :
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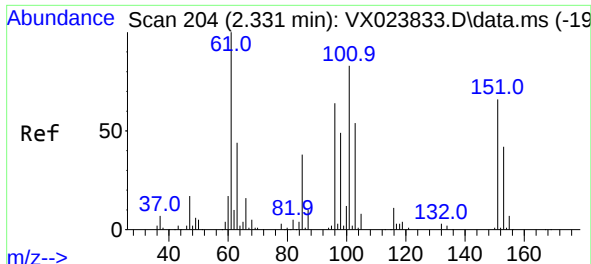
Tgt Ion: 64 Resp: 1246
Ion Ratio Lower Upper
64 100
66 24.9 21.4 39.8



#9
Trichlorofluoromethane
Concen: 0.182 ug/L
RT: 1.892 min Scan# 132
Delta R.T. 0.000 min
Lab File: VX023839.D
Acq: 19 Aug 2021 15:07

Tgt Ion: 101 Resp: 2942
Ion Ratio Lower Upper
101 100
103 59.6 51.0 76.6



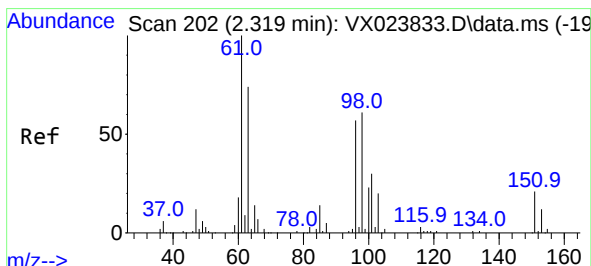
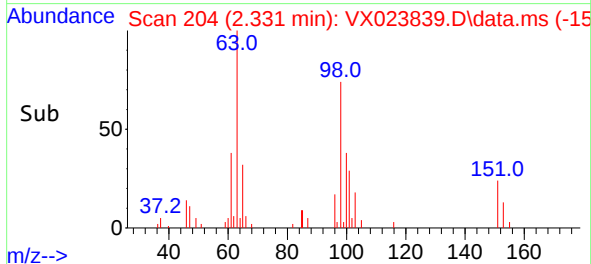
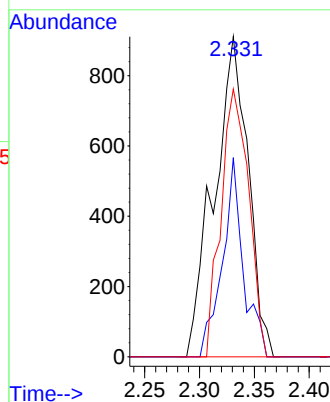
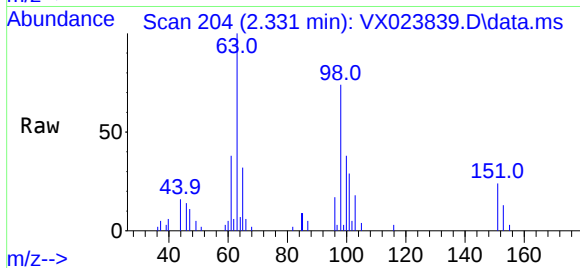


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.223 ug/L
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX023833.D
Acq: 19 Aug 2021 15:07

Instrument :
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ClientSampleId :
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Tgt Ion:101 Resp: 1972

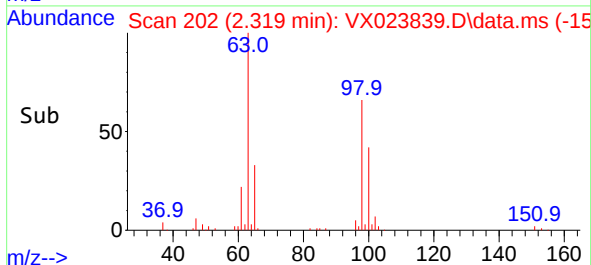
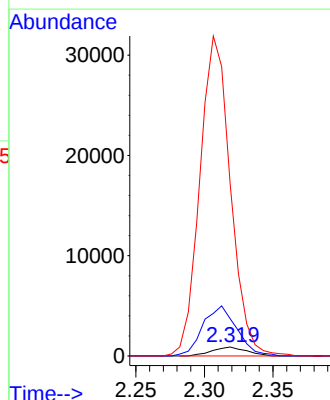
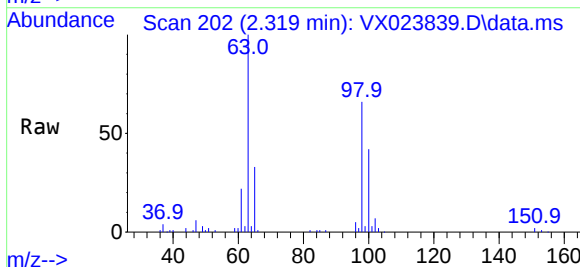
Ion	Ratio	Lower	Upper
101	100		
85	38.2	34.9	52.3
151	67.8	61.0	91.6

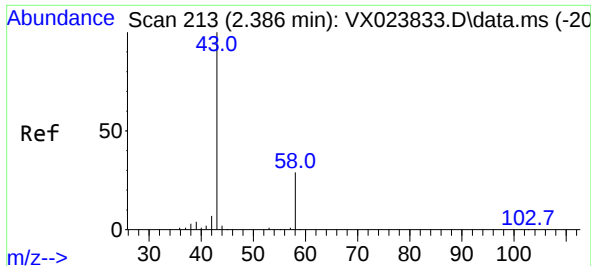


#12
1,1-Dichloroethene
Concen: 0.186 ug/L
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX023839.D
Acq: 19 Aug 2021 15:07

Tgt Ion: 96 Resp: 1562

Ion	Ratio	Lower	Upper
96	100		
61	419.5	118.2	219.6#
63	1936.9	74.2	137.8#

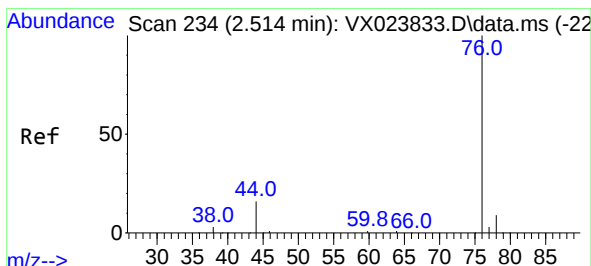
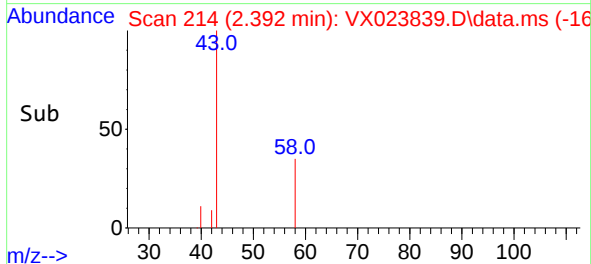
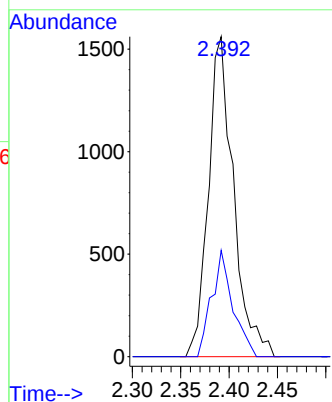
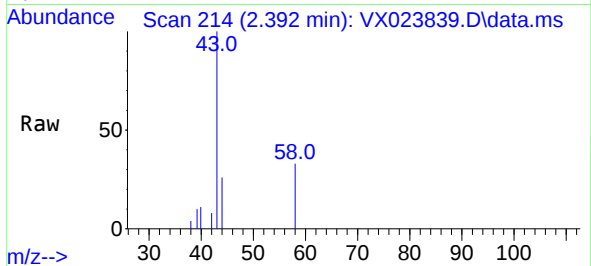




#13
Acetone
Concen: 2.254 ug/L
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX023839.D
Acq: 19 Aug 2021 15:07

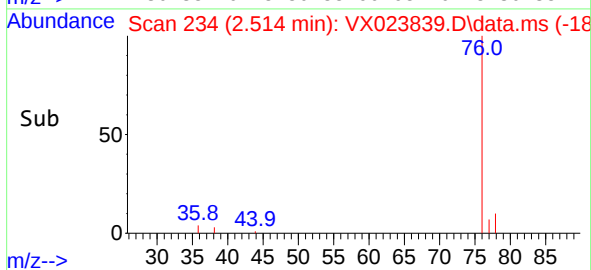
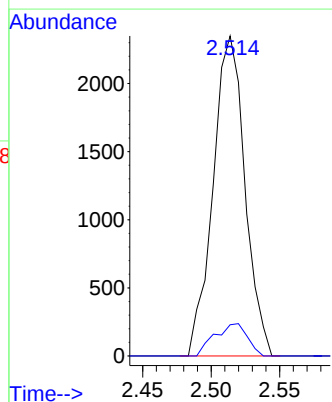
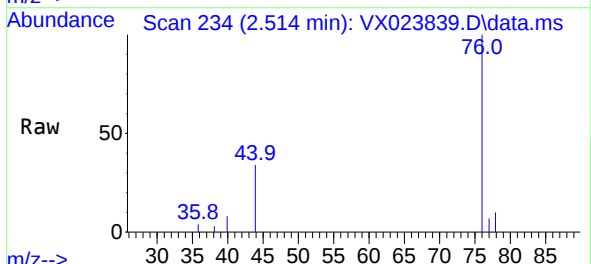
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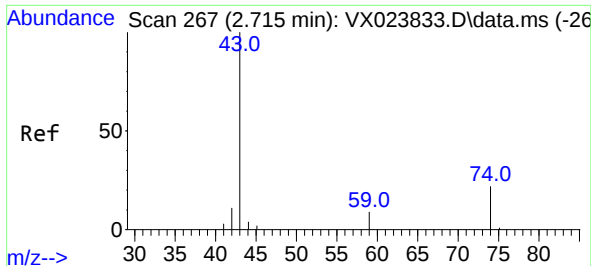
Tgt Ion: 43 Resp: 2821
Ion Ratio Lower Upper
43 100
58 27.9 0.0 70.4



#14
Carbon disulfide
Concen: 0.169 ug/L
RT: 2.514 min Scan# 234
Delta R.T. 0.000 min
Lab File: VX023839.D
Acq: 19 Aug 2021 15:07

Tgt Ion: 76 Resp: 3805
Ion Ratio Lower Upper
76 100
78 9.7 7.0 10.6

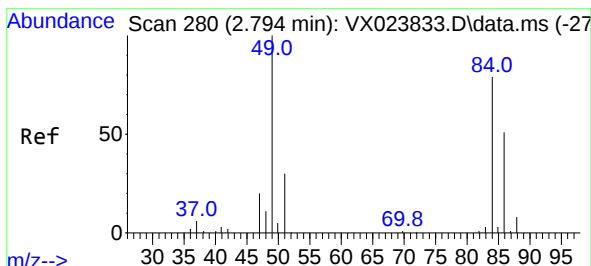
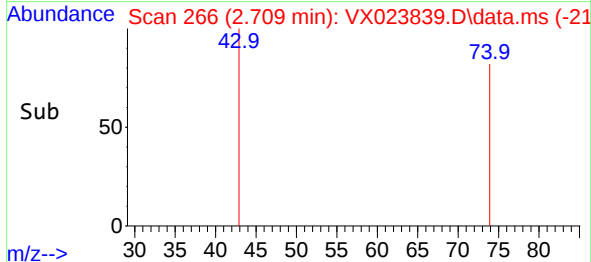
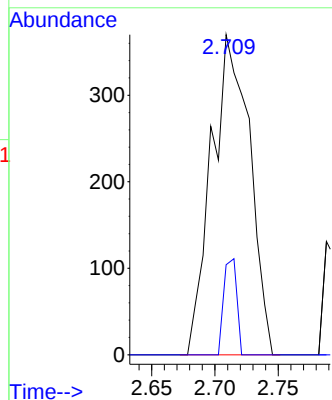
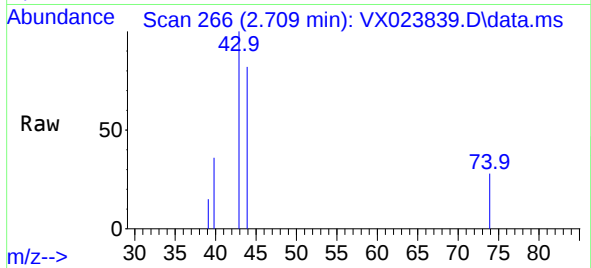




#15
Methyl Acetate
Concen: 0.234 ug/L
RT: 2.709 min Scan# 266
Delta R.T. -0.006 min
Lab File: VX023839.D
Acq: 19 Aug 2021 15:07

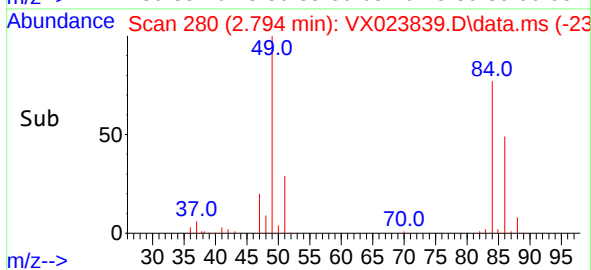
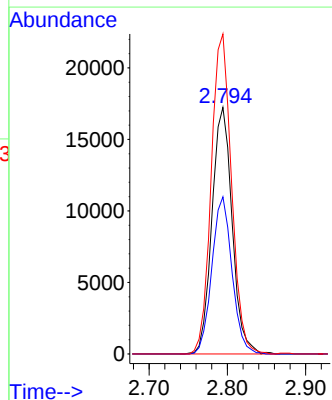
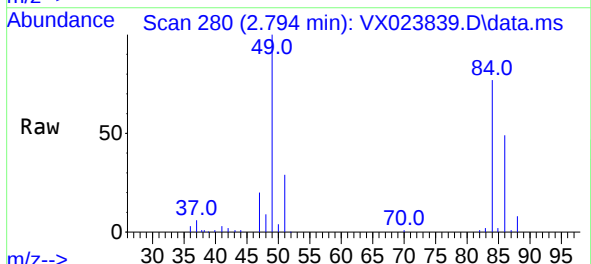
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT4-2021-07

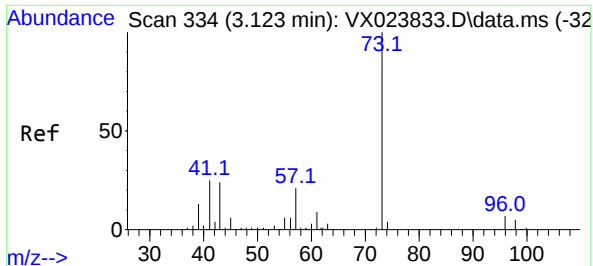
Tgt Ion: 43 Resp: 778
Ion Ratio Lower Upper
43 100
74 10.2 21.1 31.7#



#16
Methylene chloride
Concen: 2.783 ug/L
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX023839.D
Acq: 19 Aug 2021 15:07

Tgt Ion: 84 Resp: 30866
Ion Ratio Lower Upper
84 100
86 63.7 44.6 82.8
49 129.8 79.5 147.6



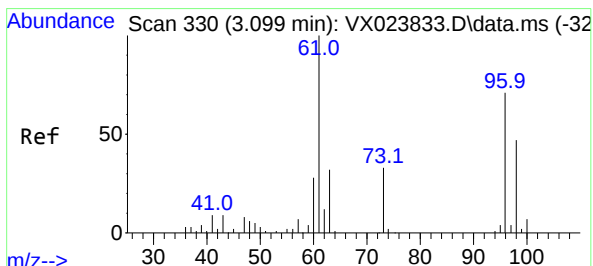
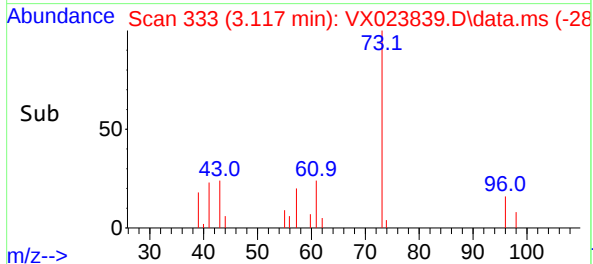
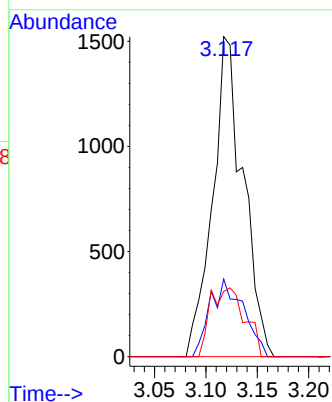
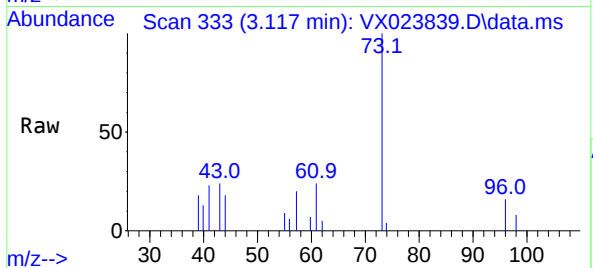


#17

Methyl tert-butyl Ether
Concen: 0.168 ug/L
RT: 3.117 min Scan# 333
Delta R.T. -0.006 min
Lab File: VX023839.D
Acq: 19 Aug 2021 15:07

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT4-2021-07

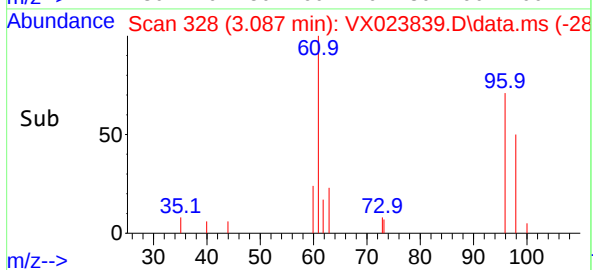
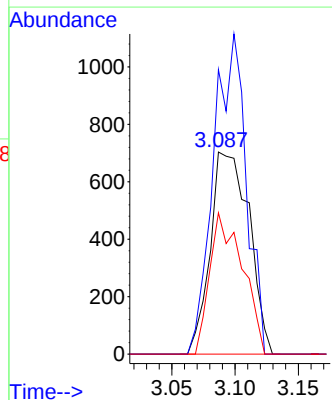
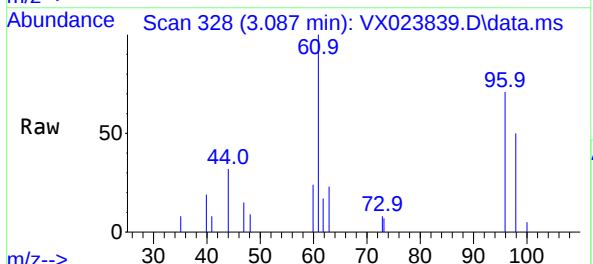
Tgt Ion: 73 Resp: 3136
Ion Ratio Lower Upper
73 100
43 26.5 15.1 22.7#
57 24.4 17.4 26.2

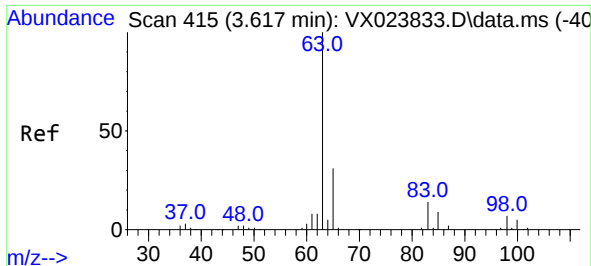


#18

trans-1,2-Dichloroethene
Concen: 0.173 ug/L
RT: 3.087 min Scan# 328
Delta R.T. -0.012 min
Lab File: VX023839.D
Acq: 19 Aug 2021 15:07

Tgt Ion: 96 Resp: 1499
Ion Ratio Lower Upper
96 100
61 140.8 95.4 177.2
98 69.9 44.2 82.2





#19

1,1-Dichloroethane

Concen: 0.168 ug/L

RT: 3.617 min Scan# 415

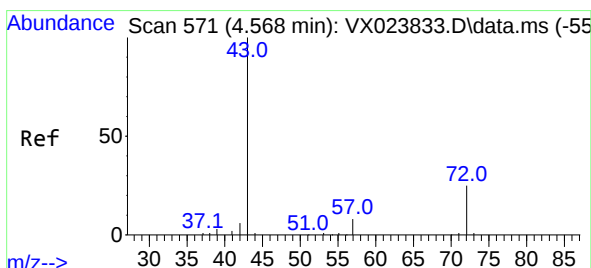
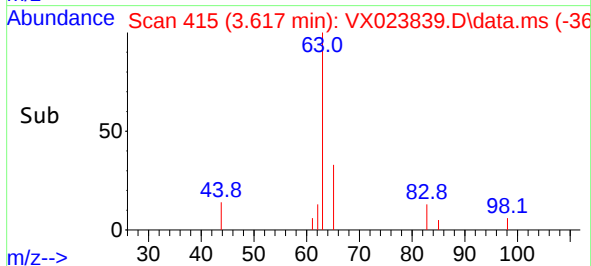
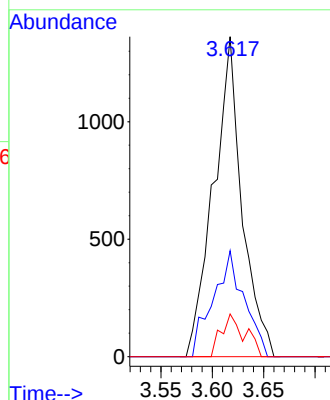
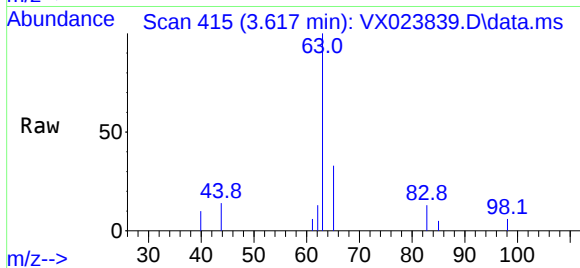
Delta R.T. 0.000 min

Lab File: VX023839.D

Acq: 19 Aug 2021 15:07

Tgt Ion:	63	Resp:	2614
Ion	Ratio	Lower	Upper
63	100		
65	33.1	21.8	40.6
83	13.4	9.6	17.8

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT4-2021-07



#21

2-Butanone

Concen: 1.816 ug/L

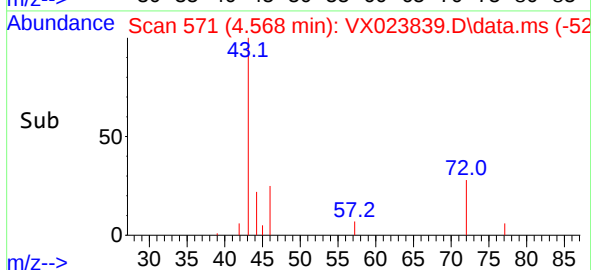
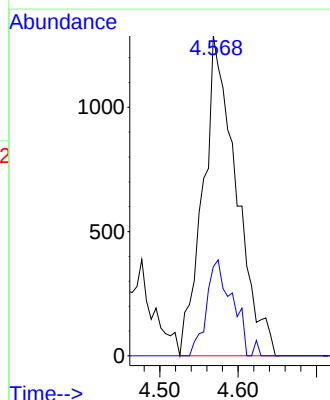
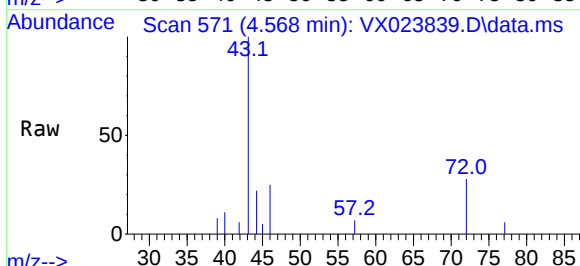
RT: 4.568 min Scan# 571

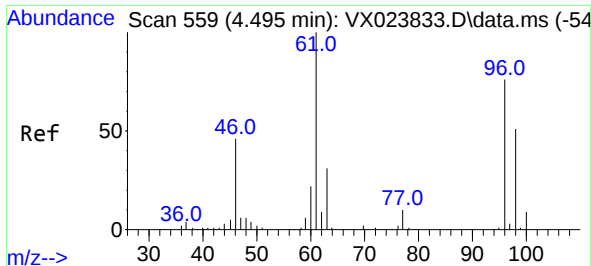
Delta R.T. 0.000 min

Lab File: VX023839.D

Acq: 19 Aug 2021 15:07

Tgt Ion:	43	Resp:	3801
Ion	Ratio	Lower	Upper
43	100		
72	22.8	14.8	44.4

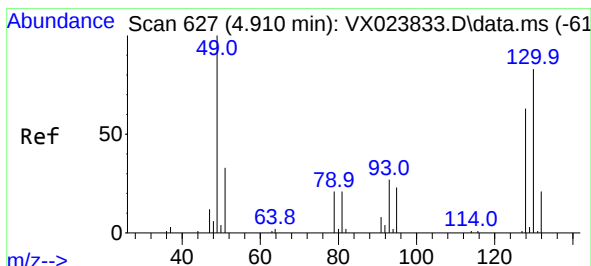
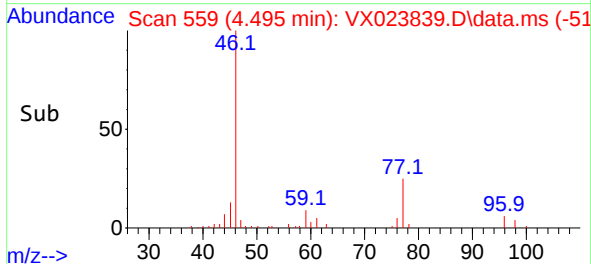
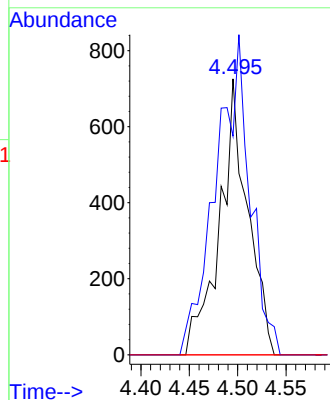
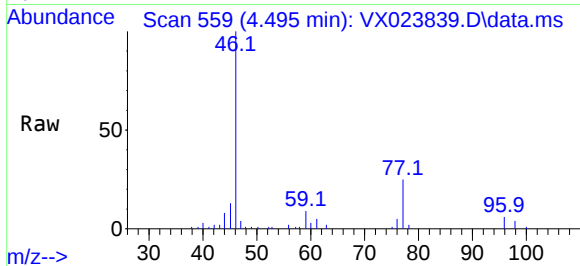




#22
cis-1,2-Dichloroethene
Concen: 0.157 ug/L
RT: 4.495 min Scan# 559
Delta R.T. 0.000 min
Lab File: VX023839.D
Acq: 19 Aug 2021 15:07

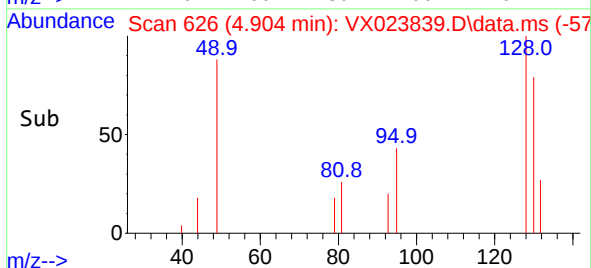
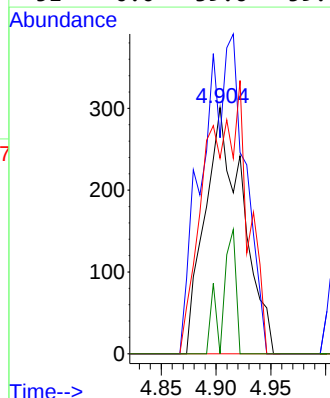
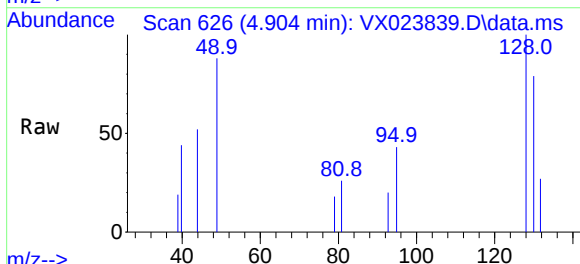
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT4-2021-07

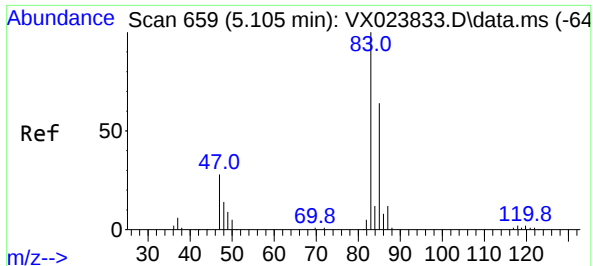
Tgt Ion:	96	Resp:	1462
Ion	Ratio	Lower	Upper
96	100		
61	79.2	85.9	159.5#
68	0.0	0.0	0.0



#23
Bromochloromethane
Concen: 0.181 ug/L
RT: 4.904 min Scan# 626
Delta R.T. -0.006 min
Lab File: VX023839.D
Acq: 19 Aug 2021 15:07

Tgt Ion:	128	Resp:	723
Ion	Ratio	Lower	Upper
128	100		
49	87.7	103.2	191.6#
130	79.4	89.1	165.5#
51	0.0	39.6	59.4#



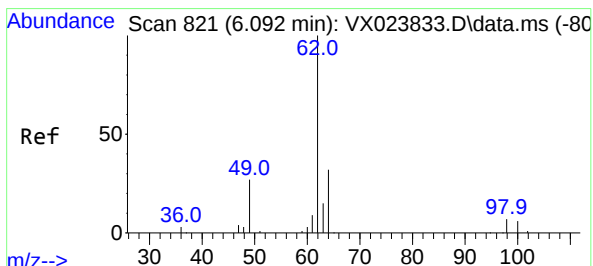
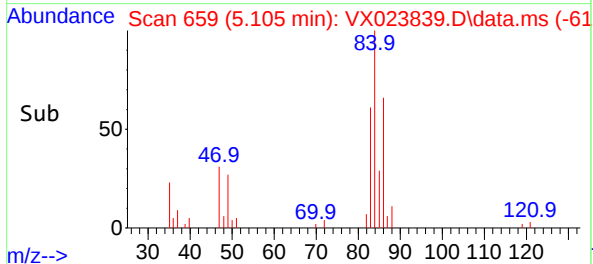
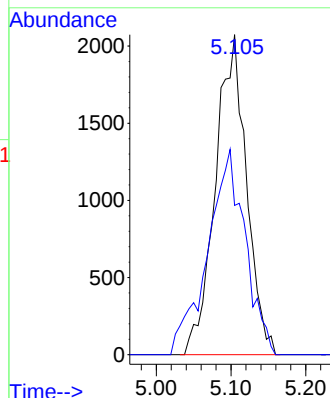
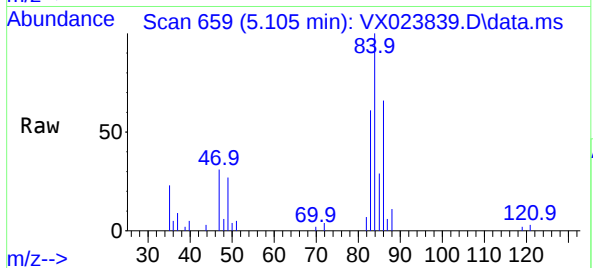


#25

Chloroform
Concen: 0.360 ug/L
RT: 5.105 min Scan# 659
Delta R.T. 0.000 min
Lab File: VX023839.D
Acq: 19 Aug 2021 15:07

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT4-2021-07

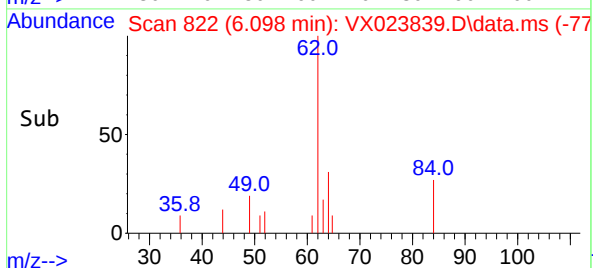
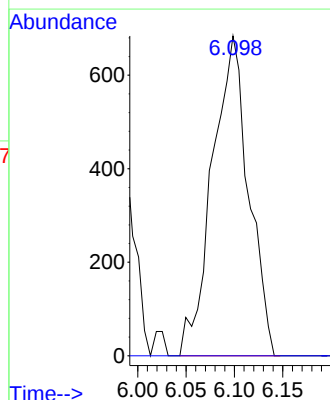
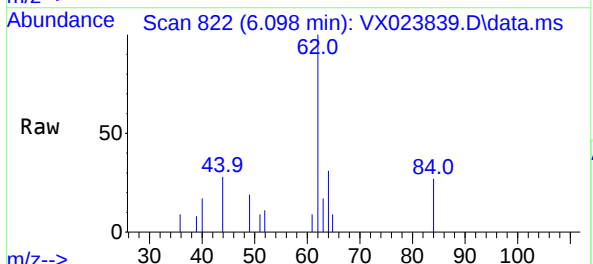
Tgt Ion: 83 Resp: 5992
Ion Ratio Lower Upper
83 100
85 46.7 45.6 84.8

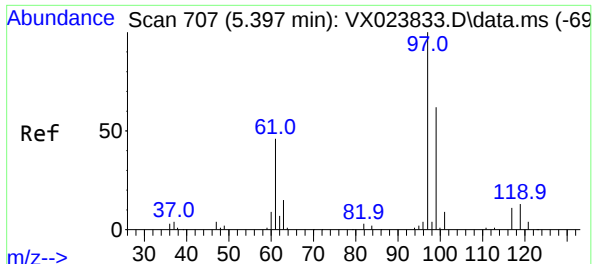


#27

1,2-Dichloroethane
Concen: 0.175 ug/L
RT: 6.098 min Scan# 822
Delta R.T. 0.006 min
Lab File: VX023839.D
Acq: 19 Aug 2021 15:07

Tgt Ion: 62 Resp: 1787
Ion Ratio Lower Upper
62 100
98 0.0 7.9 11.9#

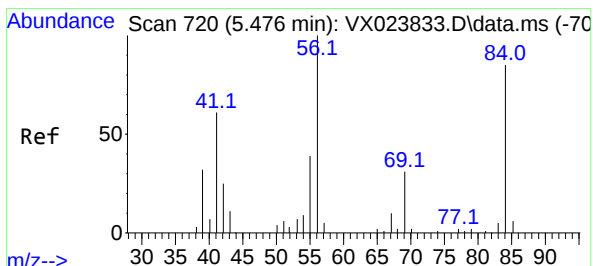
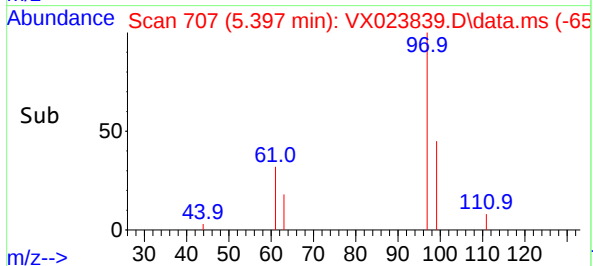
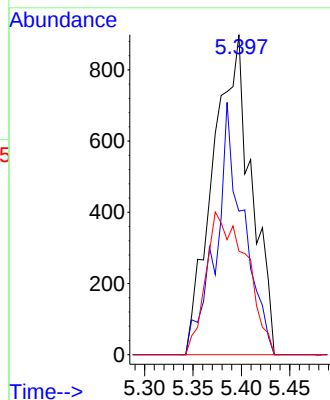
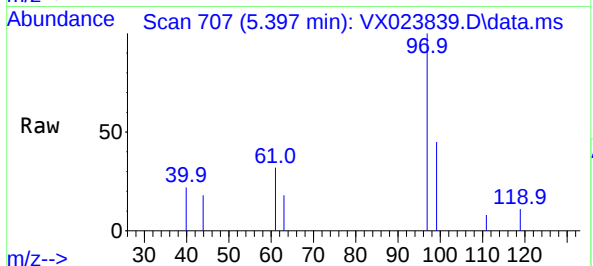




#29
1,1,1-Trichloroethane
Concen: 0.172 ug/L
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023839.D
Acq: 19 Aug 2021 15:07

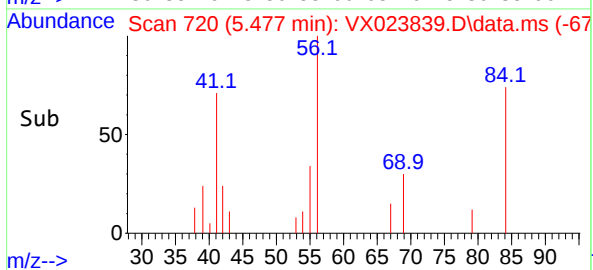
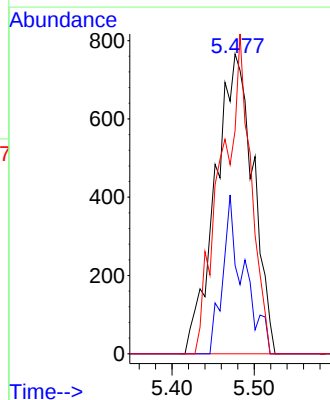
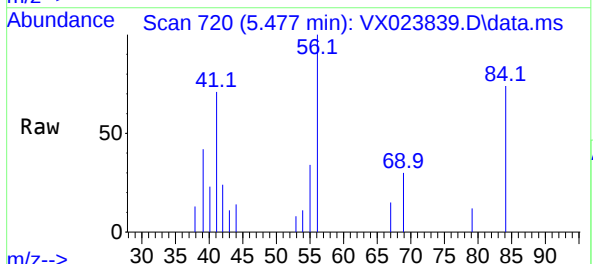
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT4-2021-07

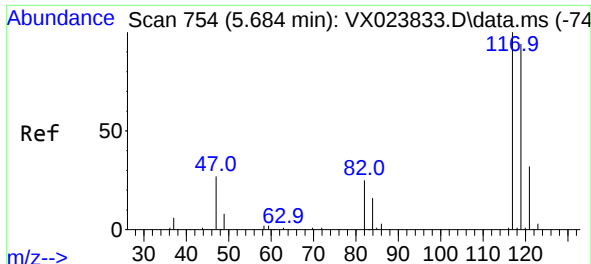
Tgt Ion: 97	Resp: 2471
Ion Ratio	Lower Upper
97 100	
99 56.9	51.2 76.8
61 47.1	35.3 52.9



#30
Cyclohexane
Concen: 0.170 ug/L
RT: 5.477 min Scan# 720
Delta R.T. 0.000 min
Lab File: VX023839.D
Acq: 19 Aug 2021 15:07

Tgt Ion: 56	Resp: 2448
Ion Ratio	Lower Upper
56 100	
69 29.6	25.8 38.6
84 83.5	72.4 108.6

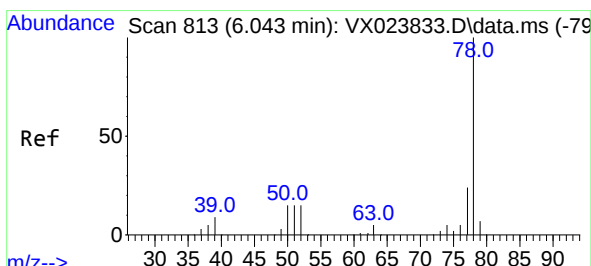
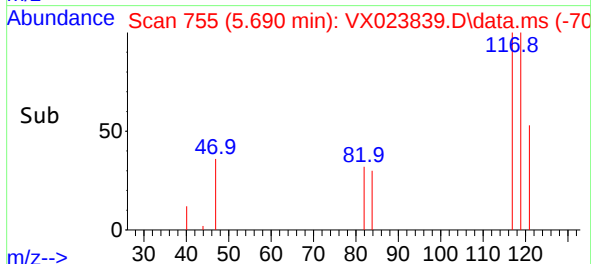
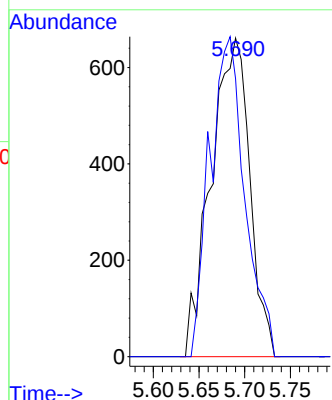
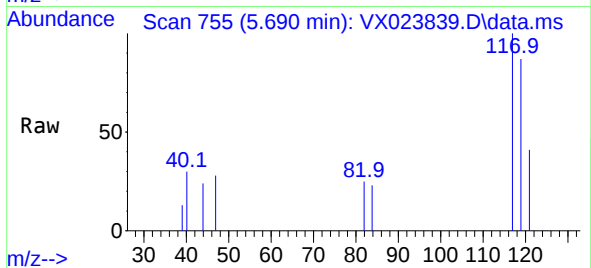




#31
Carbon tetrachloride
Concen: 0.157 ug/L
RT: 5.690 min Scan# 755
Delta R.T. 0.006 min
Lab File: VX023839.D
Acq: 19 Aug 2021 15:07

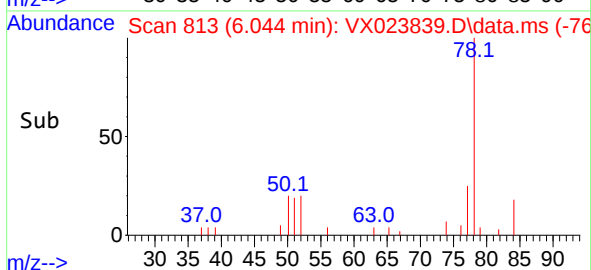
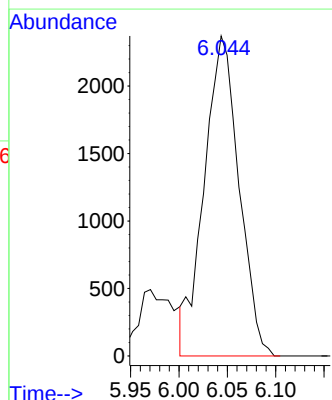
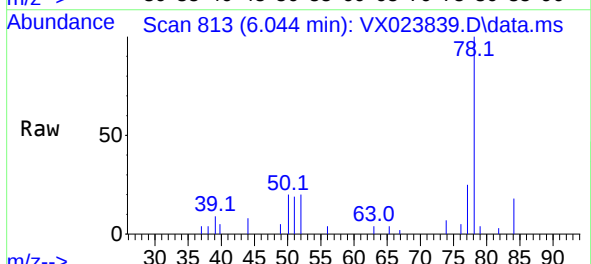
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT4-2021-07

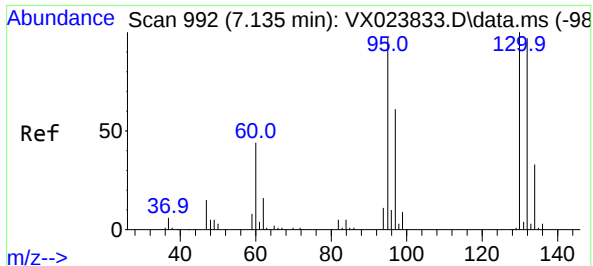
Tgt Ion:117 Resp: 1941
Ion Ratio Lower Upper
117 100
119 91.3 76.2 114.4



#33
Benzene
Concen: 0.167 ug/L
RT: 6.044 min Scan# 813
Delta R.T. 0.000 min
Lab File: VX023839.D
Acq: 19 Aug 2021 15:07

Tgt Ion: 78 Resp: 5936

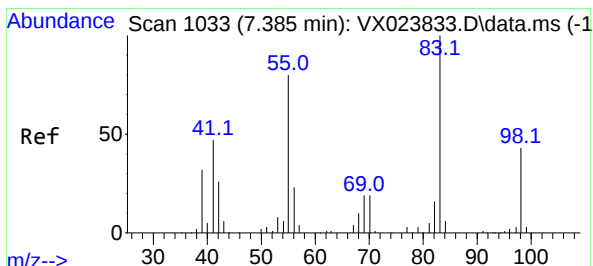
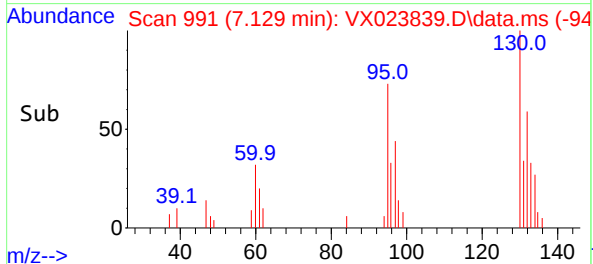
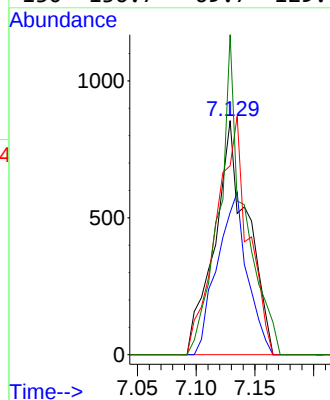
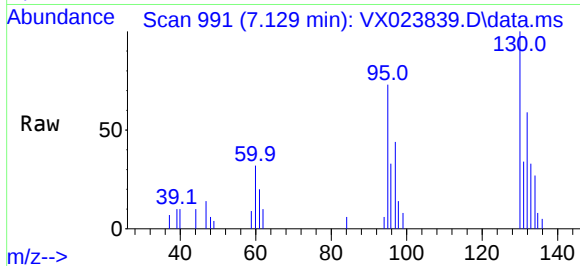




#34
Trichloroethene
Concen: 0.171 ug/L
RT: 7.129 min Scan# 991
Delta R.T. -0.006 min
Lab File: VX023839.D
Acq: 19 Aug 2021 15:07

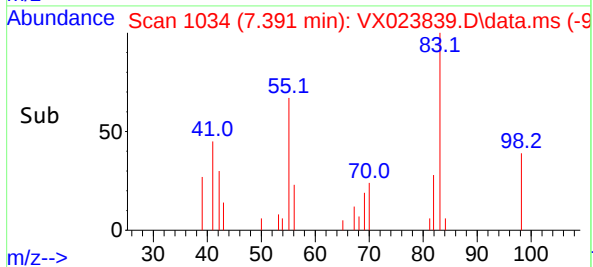
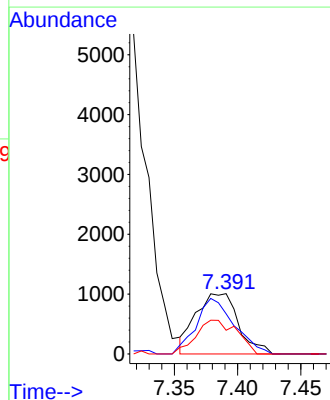
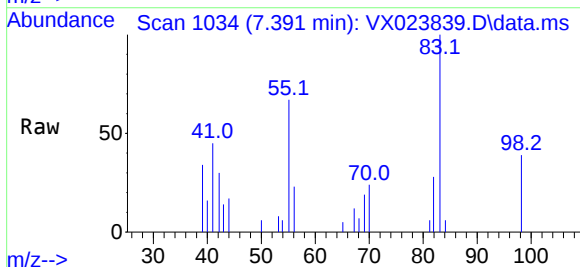
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT4-2021-07

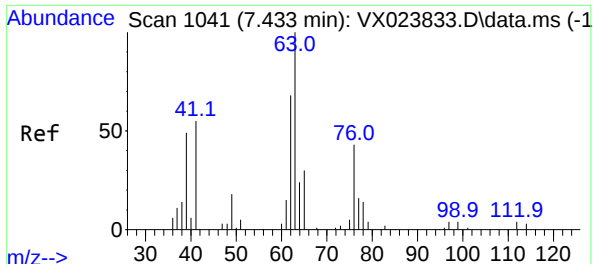
Tgt Ion: 95 Resp: 1668
Ion Ratio Lower Upper
95 100
97 60.7 46.0 85.4
132 80.7 69.0 128.1
130 136.7 69.7 129.4#



#35
Methylcyclohexane
Concen: 0.157 ug/L
RT: 7.391 min Scan# 1034
Delta R.T. 0.006 min
Lab File: VX023839.D
Acq: 19 Aug 2021 15:07

Tgt Ion: 83 Resp: 2360
Ion Ratio Lower Upper
83 100
55 82.6 63.4 95.0
98 53.6 39.2 58.8

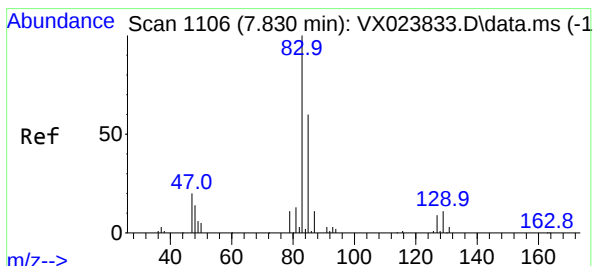
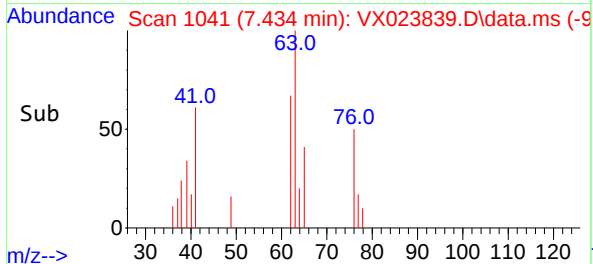
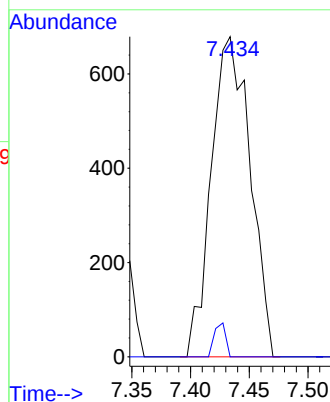
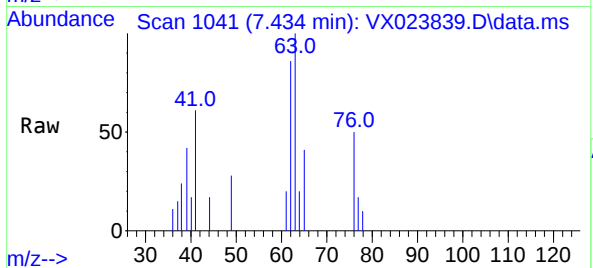




#37
1,2-Dichloropropane
Concen: 0.177 ug/L
RT: 7.434 min Scan# 1041
Delta R.T. 0.000 min
Lab File: VX023839.D
Acq: 19 Aug 2021 15:07

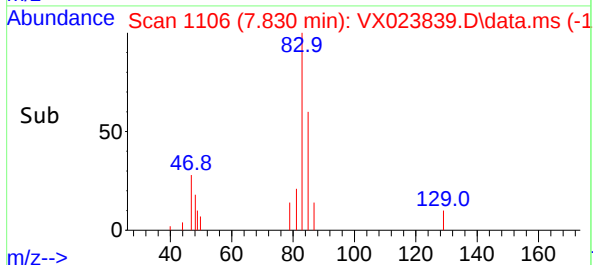
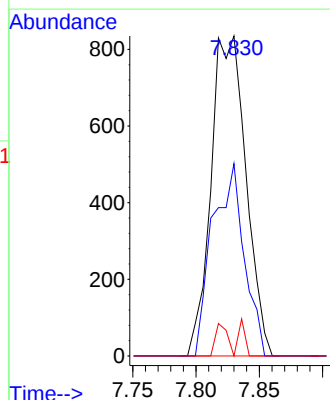
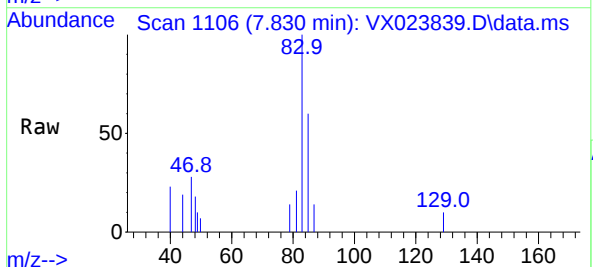
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT4-2021-07

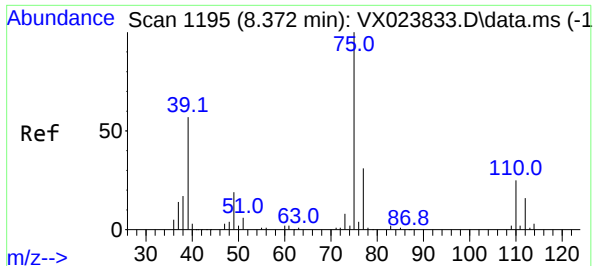
Tgt Ion: 63 Resp: 1563
Ion Ratio Lower Upper
63 100
112 3.1 3.9 5.9#



#38
Bromodichloromethane
Concen: 0.154 ug/L
RT: 7.830 min Scan# 1106
Delta R.T. 0.000 min
Lab File: VX023839.D
Acq: 19 Aug 2021 15:07

Tgt Ion: 83 Resp: 1604
Ion Ratio Lower Upper
83 100
85 60.1 44.6 82.8
127 0.0 7.0 10.4#

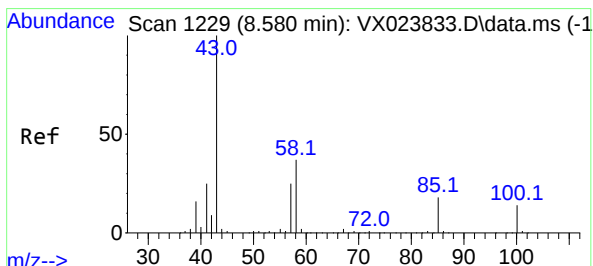
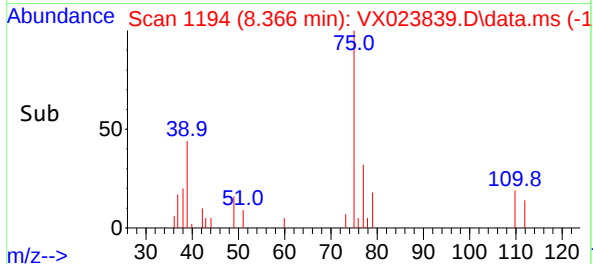
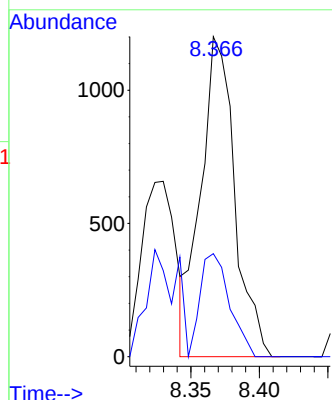
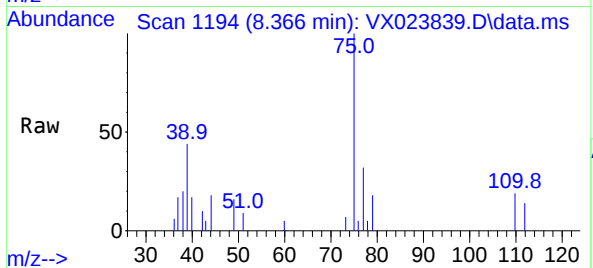




#39
cis-1,3-Dichloropropene
Concen: 0.173 ug/L
RT: 8.366 min Scan# 1194
Delta R.T. -0.006 min
Lab File: VX023839.D
Acq: 19 Aug 2021 15:07

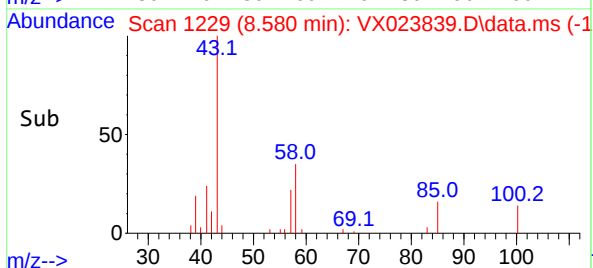
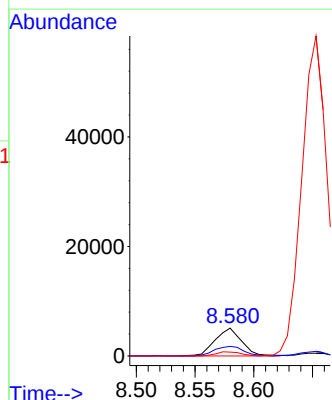
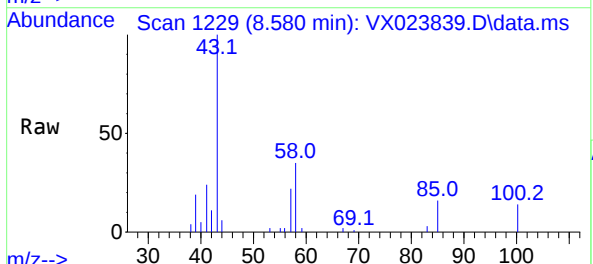
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT4-2021-07

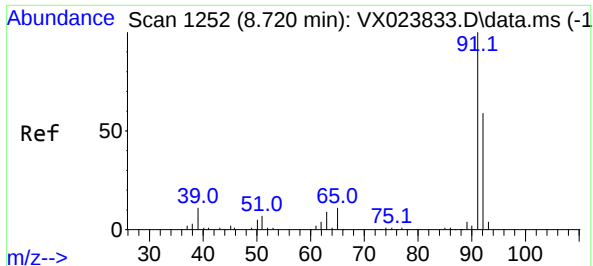
Tgt Ion: 75 Resp: 2072
Ion Ratio Lower Upper
75 100
77 32.2 21.6 40.0



#40
4-Methyl-2-pentanone
Concen: 1.561 ug/L
RT: 8.580 min Scan# 1229
Delta R.T. 0.000 min
Lab File: VX023839.D
Acq: 19 Aug 2021 15:07

Tgt Ion: 43 Resp: 8008
Ion Ratio Lower Upper
43 100
58 37.7 35.0 52.4
100 0.0 14.3 21.5#





#42

Toluene

Concen: 0.210 ug/L

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX023839.D

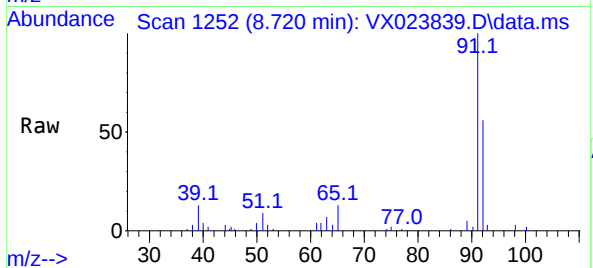
Acq: 19 Aug 2021 15:07

Tgt Ion: 91 Resp: 8060

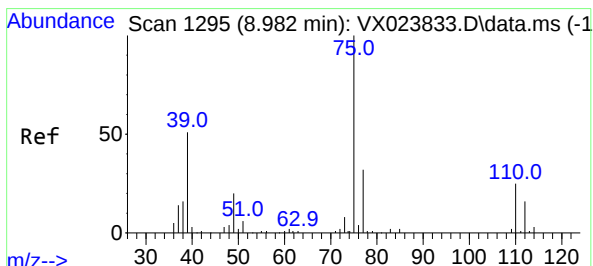
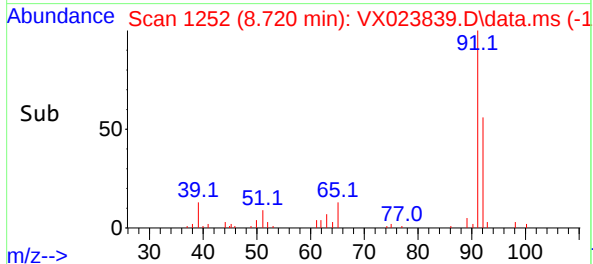
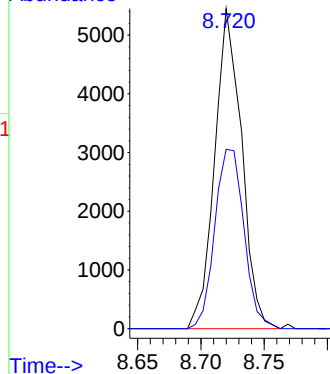
Ion Ratio Lower Upper

91 100

92 56.0 42.1 78.1



Abundance



#44

trans-1,3-Dichloropropene

Concen: 0.182 ug/L

RT: 8.982 min Scan# 1295

Delta R.T. 0.000 min

Lab File: VX023839.D

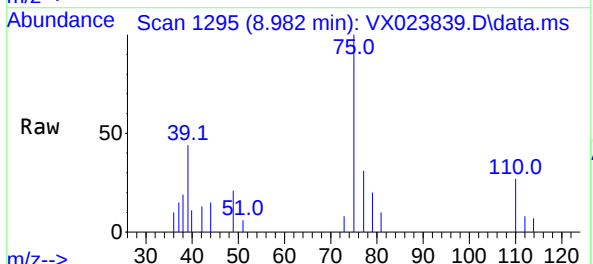
Acq: 19 Aug 2021 15:07

Tgt Ion: 75 Resp: 1813

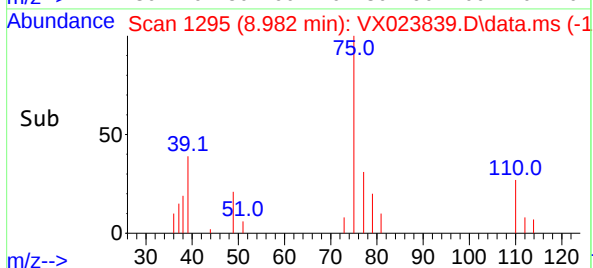
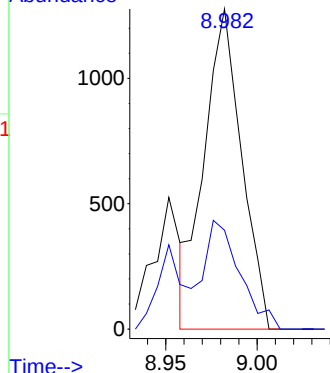
Ion Ratio Lower Upper

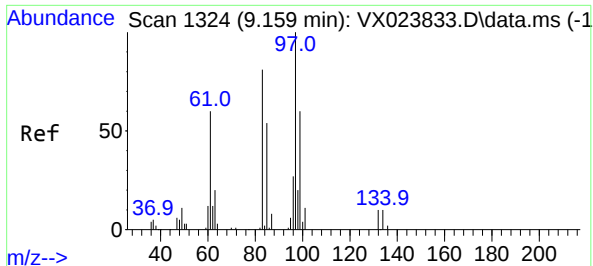
75 100

77 30.9 21.7 40.3



Abundance



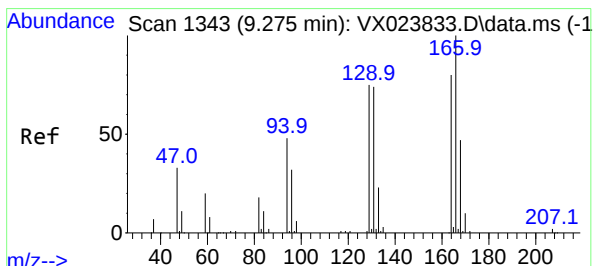
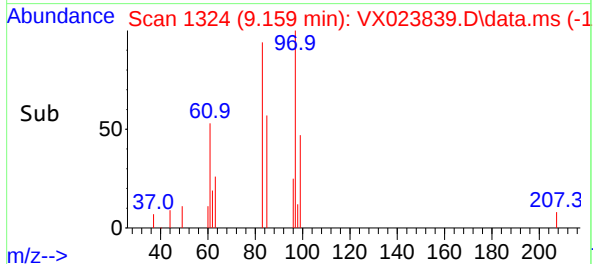
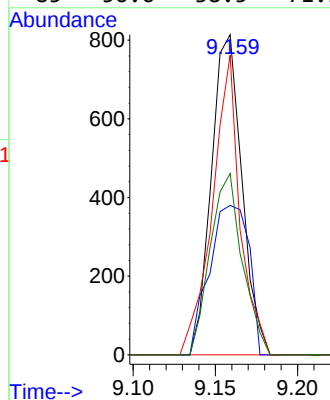
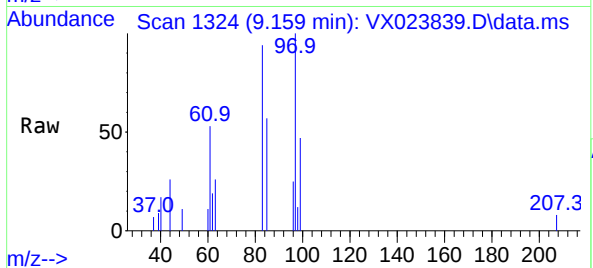


#45

1,1,2-Trichloroethane
Concen: 0.174 ug/L
RT: 9.159 min Scan# 1324
Delta R.T. 0.000 min
Lab File: VX023839.D
Acq: 19 Aug 2021 15:07

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT4-2021-07

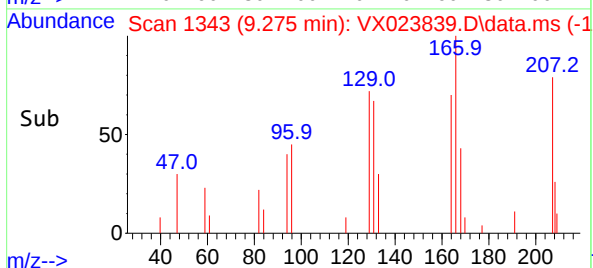
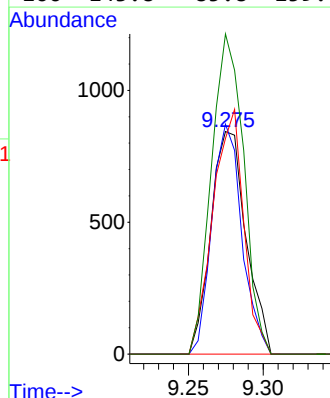
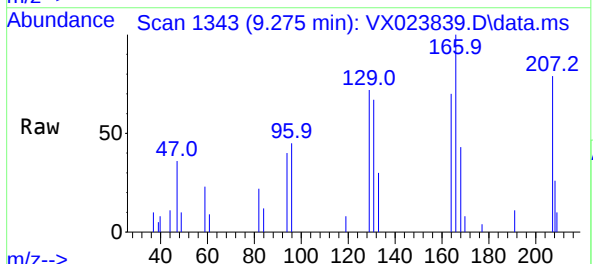
Tgt Ion: 97	Resp: 1050
Ion Ratio	Lower Upper
97 100	
99 46.7	43.4 80.6
83 93.6	58.6 108.8
85 56.6	38.5 71.5

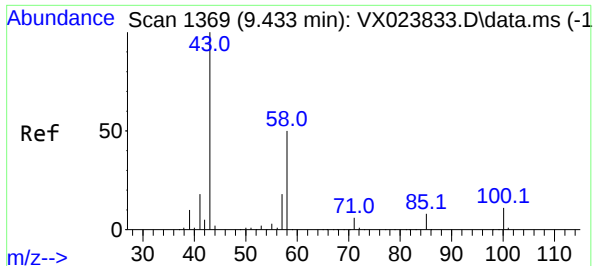


#47

Tetrachloroethene
Concen: 0.177 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX023839.D
Acq: 19 Aug 2021 15:07

Tgt	Ion:164	Resp:	1382
Ion	Ratio	Lower	Upper
164	100		
129	103.3	64.5	119.7
131	96.9	63.8	118.6
166	143.8	85.8	159.4



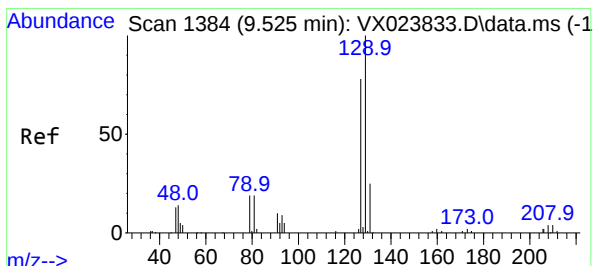
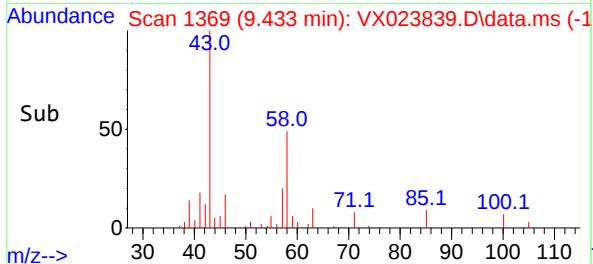
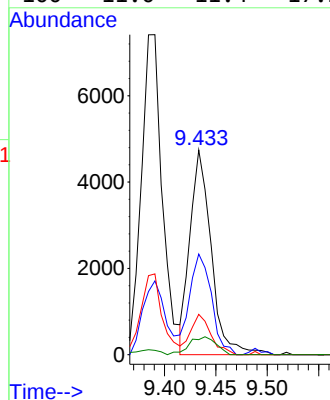
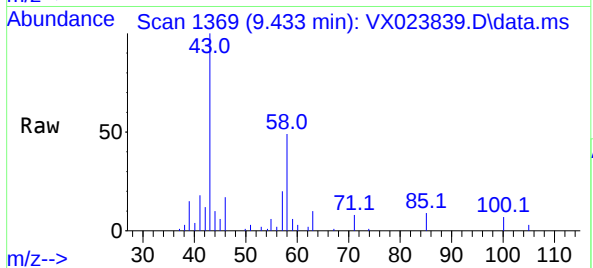


#48
2-Hexanone
Concen: 1.862 ug/L
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX023839.D
Acq: 19 Aug 2021 15:07

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT4-2021-07

Tgt Ion: 43 Resp: 6852

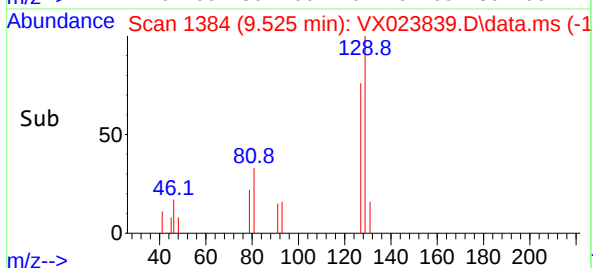
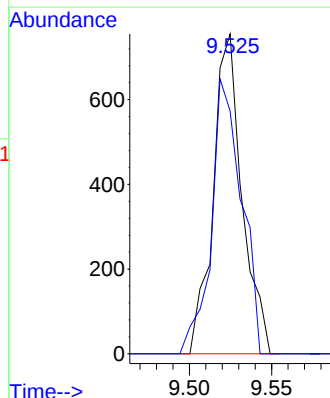
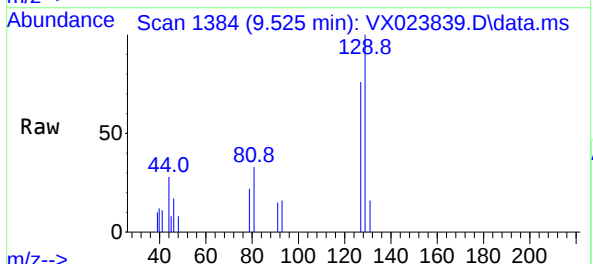
Ion	Ratio	Lower	Upper
43	100		
58	52.1	48.8	73.2
57	18.9	16.6	25.0
100	11.0	11.4	17.2

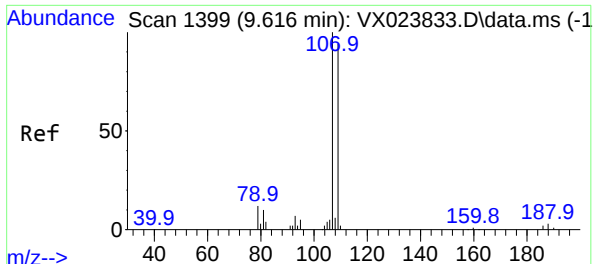


#49
Dibromochloromethane
Concen: 0.143 ug/L
RT: 9.525 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VX023839.D
Acq: 19 Aug 2021 15:07

Tgt Ion: 129 Resp: 923

Ion	Ratio	Lower	Upper
129	100		
127	75.9	53.0	98.4

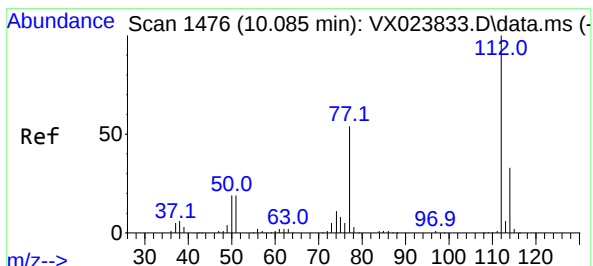
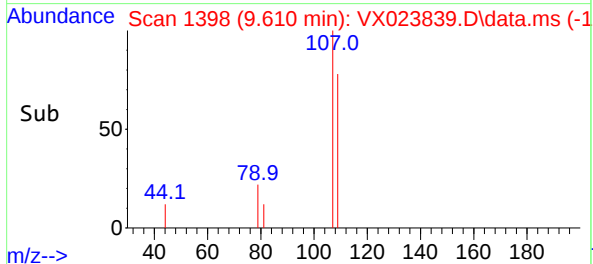
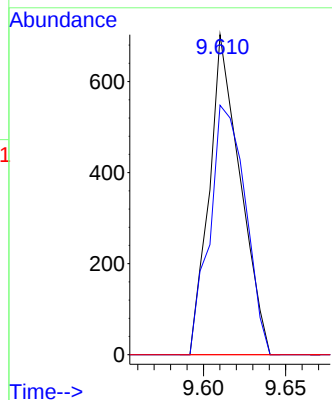
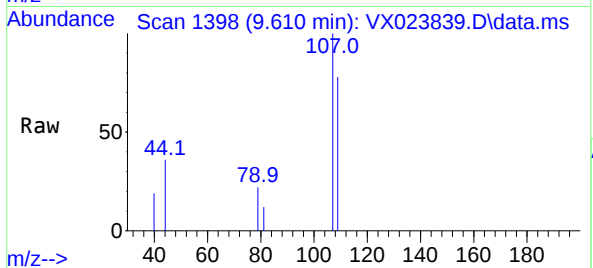




#50
1,2-Dibromoethane
Concen: 0.165 ug/L
RT: 9.610 min Scan# 1398
Delta R.T. -0.006 min
Lab File: VX023839.D
Acq: 19 Aug 2021 15:07

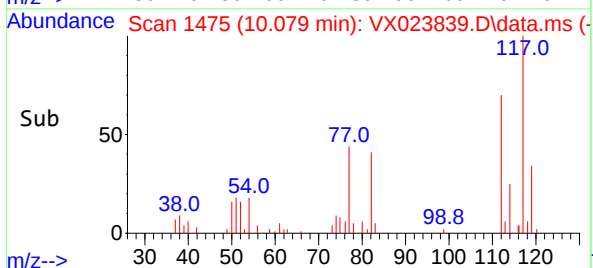
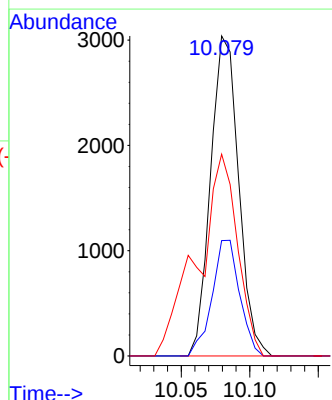
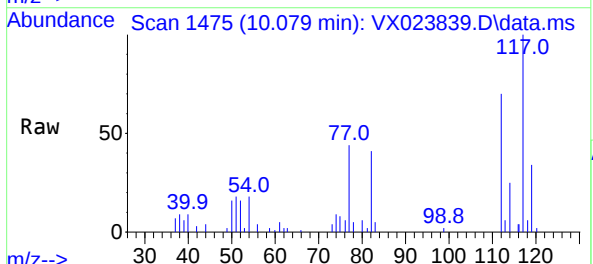
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT4-2021-07

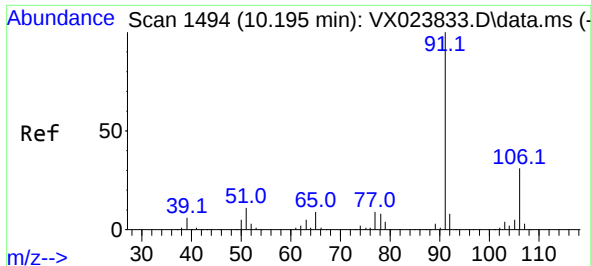
Tgt Ion:107 Resp: 924
Ion Ratio Lower Upper
107 100
109 78.0 65.0 120.8
188 0.0 3.4 5.0#



#51
Chlorobenzene
Concen: 0.173 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VX023839.D
Acq: 19 Aug 2021 15:07

Tgt Ion:112 Resp: 4321
Ion Ratio Lower Upper
112 100
114 36.1 22.1 41.1
77 63.1 47.0 70.6

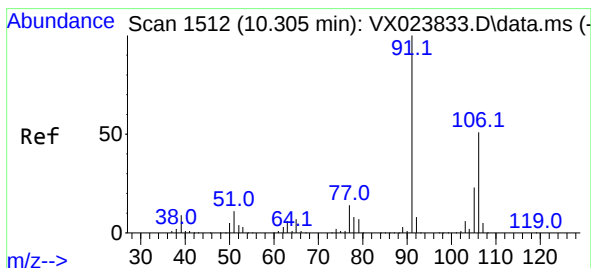
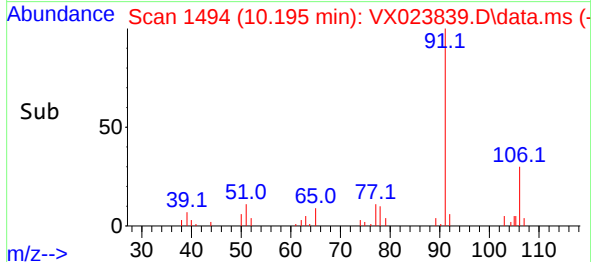
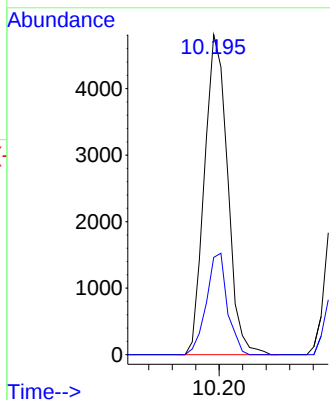
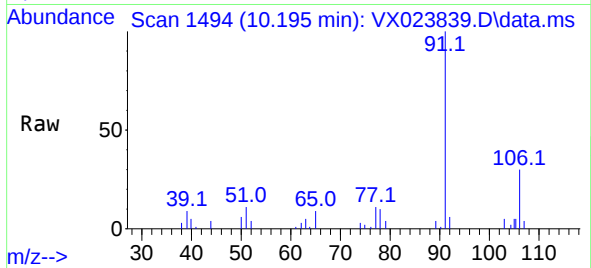




#52
Ethylbenzene
Concen: 0.160 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX023839.D
Acq: 19 Aug 2021 15:07

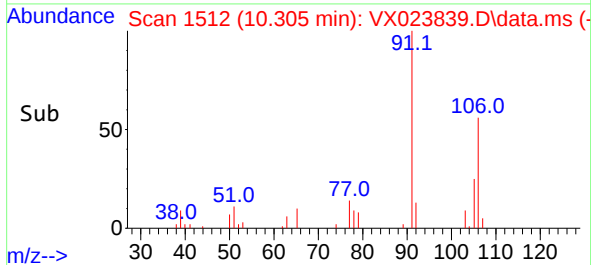
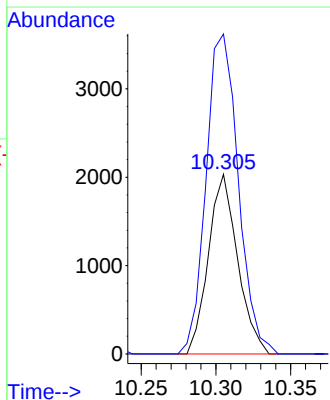
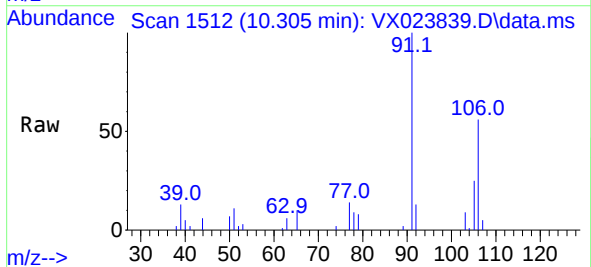
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT4-2021-07

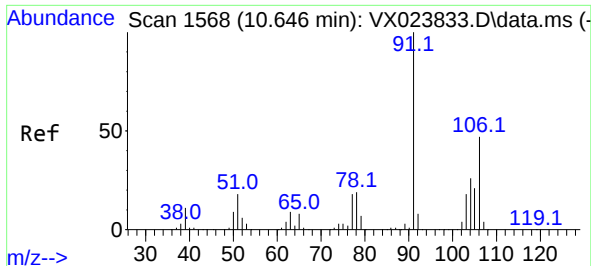
Tgt Ion: 91 Resp: 6580
Ion Ratio Lower Upper
91 100
106 30.4 21.6 40.0



#53
m,p-xylene
Concen: 0.169 ug/L
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX023839.D
Acq: 19 Aug 2021 15:07

Tgt Ion: 106 Resp: 2762
Ion Ratio Lower Upper
106 100
91 178.1 137.4 255.2

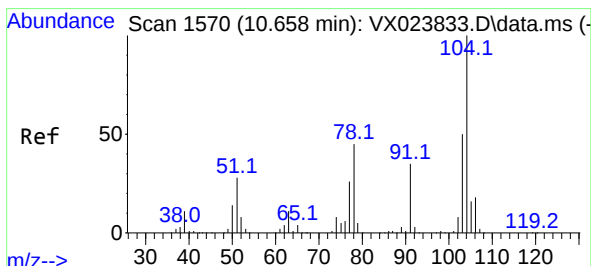
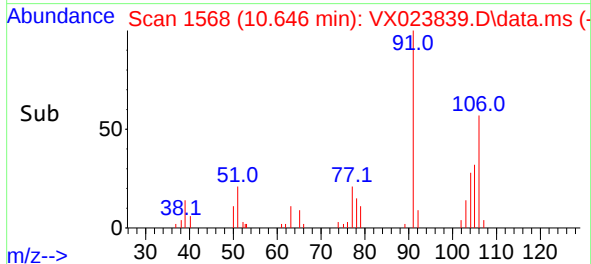
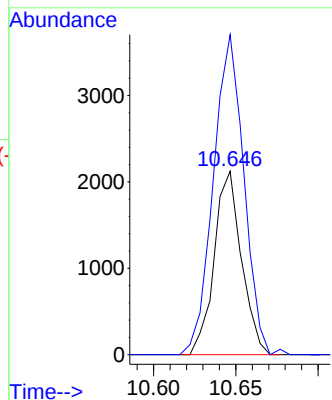
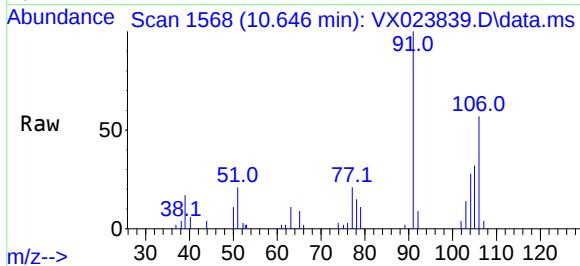




#54
o-xylene
Concen: 0.157 ug/L
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX023839.D
Acq: 19 Aug 2021 15:07

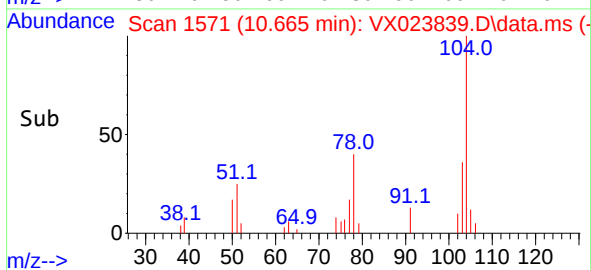
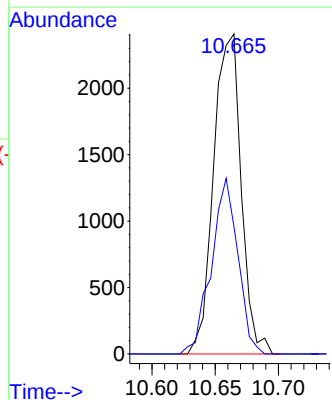
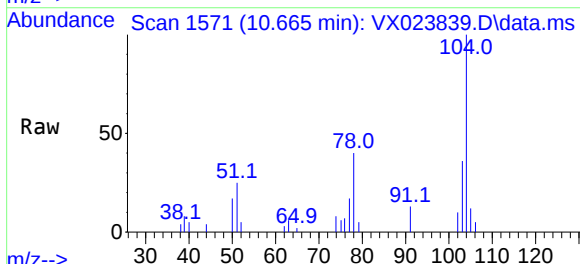
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT4-2021-07

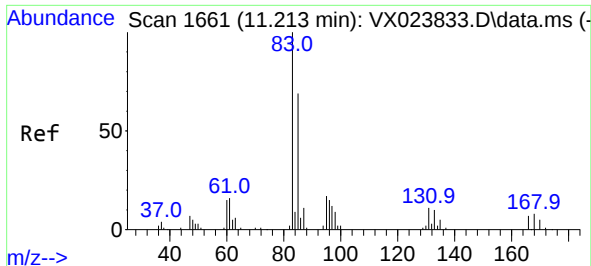
Tgt Ion:106 Resp: 2449
Ion Ratio Lower Upper
106 100
91 174.4 151.1 280.7



#55
Styrene
Concen: 0.140 ug/L
RT: 10.665 min Scan# 1571
Delta R.T. 0.006 min
Lab File: VX023839.D
Acq: 19 Aug 2021 15:07

Tgt Ion:104 Resp: 3646
Ion Ratio Lower Upper
104 100
78 39.8 30.3 56.3

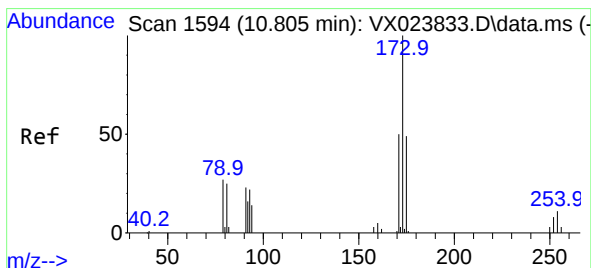
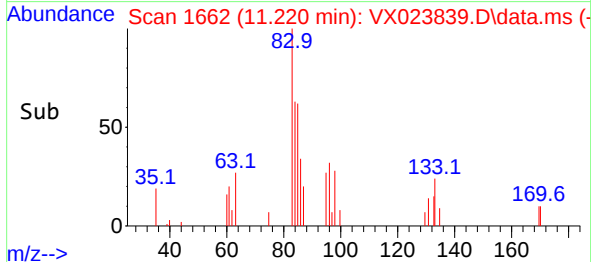
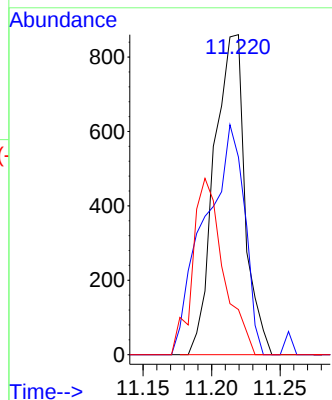
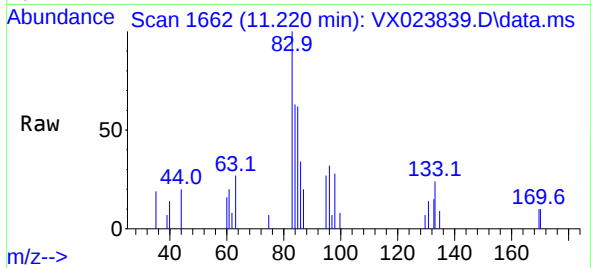




#57
1,1,2,2-Tetrachloroethane
Concen: 0.196 ug/L
RT: 11.220 min Scan# 1662
Delta R.T. 0.006 min
Lab File: VX023839.D
Acq: 19 Aug 2021 15:07

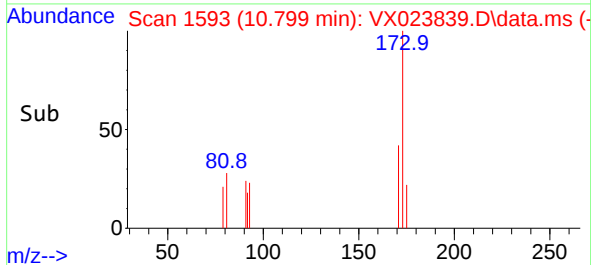
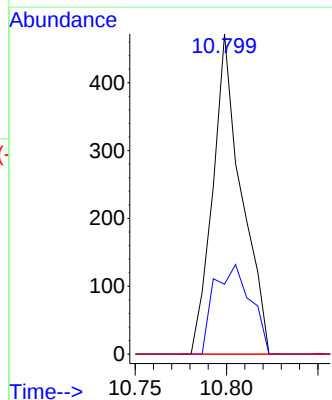
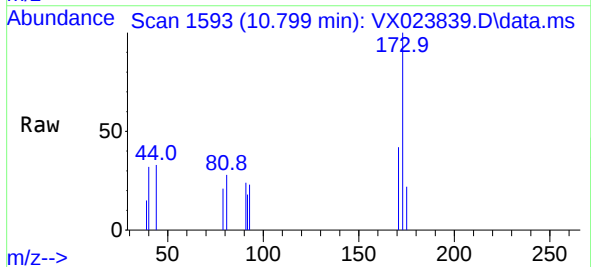
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT4-2021-07

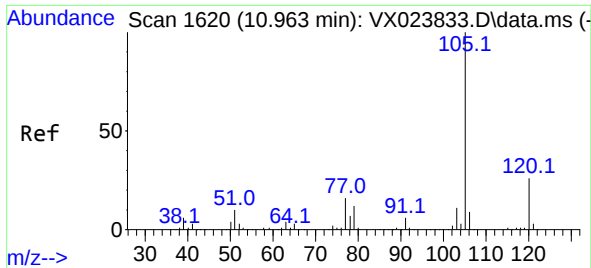
Tgt Ion: 83	Resp: 1341
Ion Ratio	Lower Upper
83 100	
85 61.7	44.6 82.8
131 14.1	8.2 12.2#



#59
Bromoform
Concen: 0.167 ug/L
RT: 10.799 min Scan# 1593
Delta R.T. -0.006 min
Lab File: VX023839.D
Acq: 19 Aug 2021 15:07

Tgt Ion: 173	Resp: 515
Ion Ratio	Lower Upper
173 100	
175 35.5	38.0 57.0#
254 0.0	8.8 13.2#

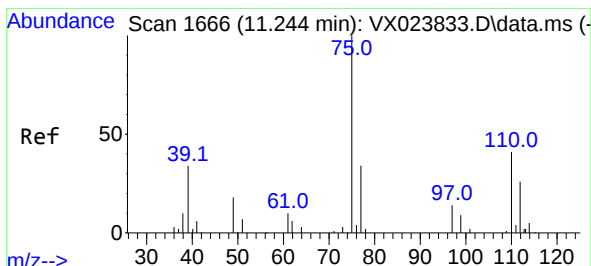
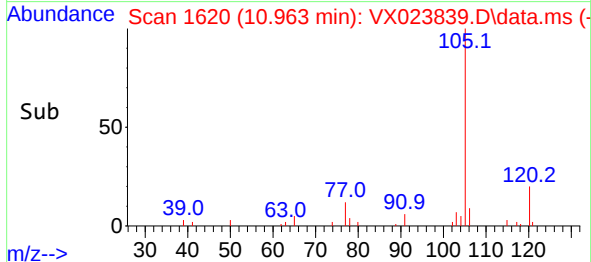
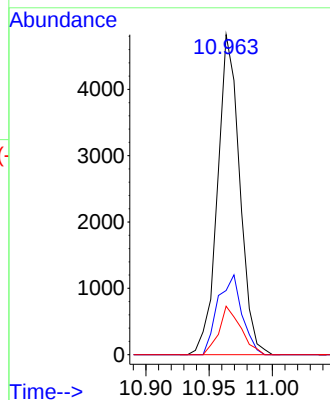
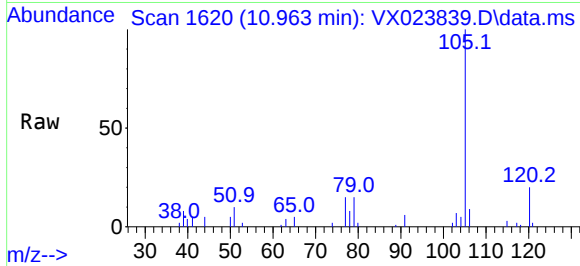




#60
Isopropylbenzene
Concen: 0.150 ug/L
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX023839.D
Acq: 19 Aug 2021 15:07

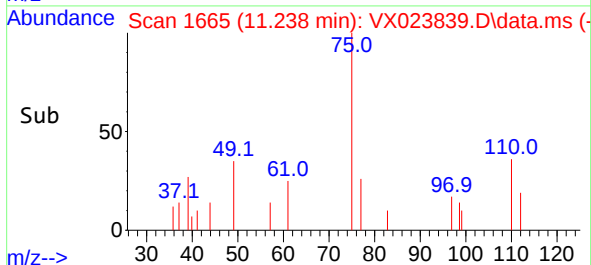
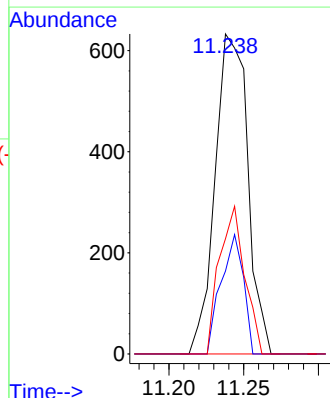
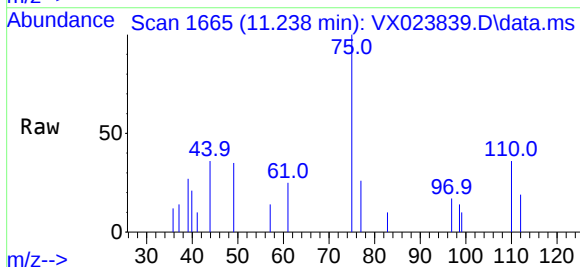
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT4-2021-07

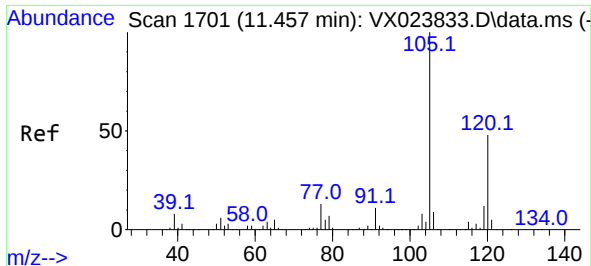
Tgt Ion:	105	Resp:	5877
Ion	Ratio	Lower	Upper
105	100		
120	27.2	21.1	31.7
77	14.9	12.4	18.6



#61
1,2,3-Trichloropropane
Concen: 0.201 ug/L
RT: 11.238 min Scan# 1665
Delta R.T. -0.006 min
Lab File: VX023839.D
Acq: 19 Aug 2021 15:07

Tgt Ion:	75	Resp:	960
Ion	Ratio	Lower	Upper
75	100		
77	25.5	26.3	39.5#
110	35.8	32.1	48.1

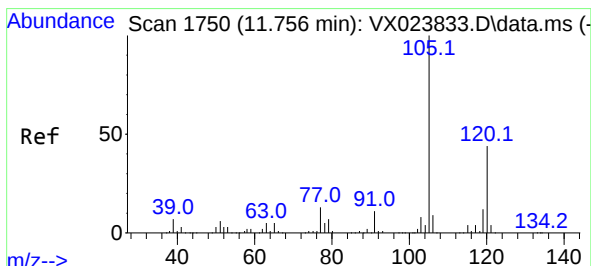
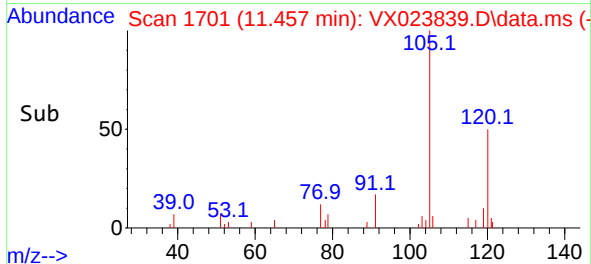
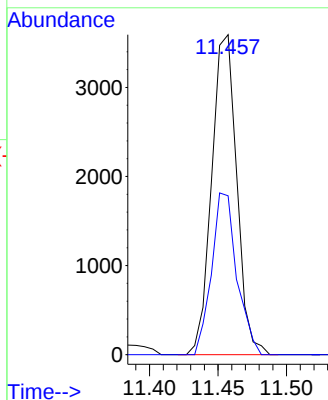
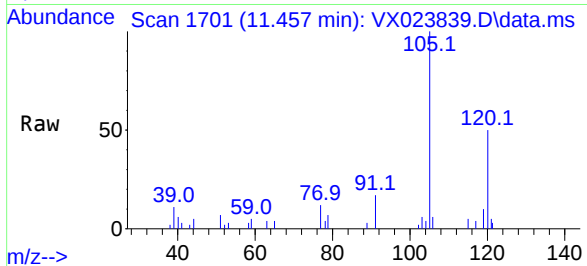




#62
1,3,5-Trimethylbenzene
Concen: 0.141 ug/L
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX023839.D
Acq: 19 Aug 2021 15:07

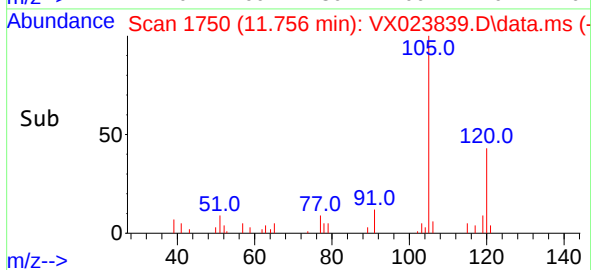
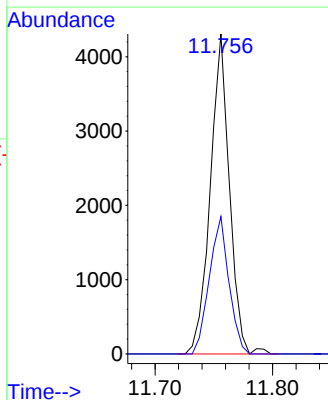
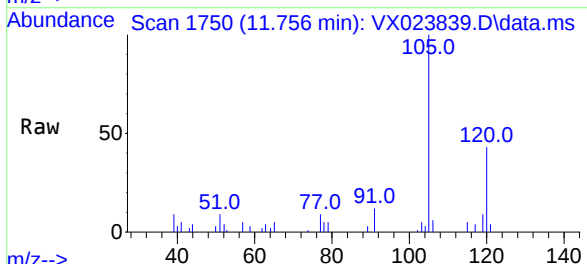
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT4-2021-07

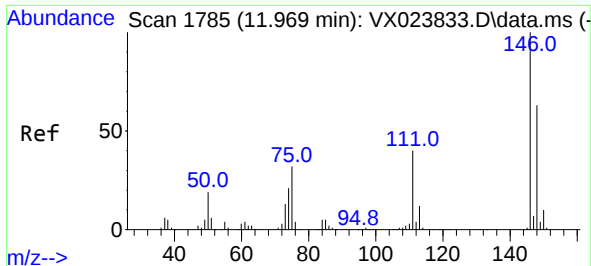
Tgt Ion:105 Resp: 4567
Ion Ratio Lower Upper
105 100
120 50.9 38.8 58.2



#63
1,2,4-Trimethylbenzene
Concen: 0.148 ug/L
RT: 11.756 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VX023839.D
Acq: 19 Aug 2021 15:07

Tgt Ion:105 Resp: 4887
Ion Ratio Lower Upper
105 100
120 43.9 36.5 54.7

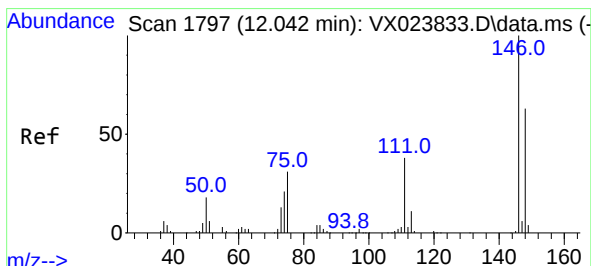
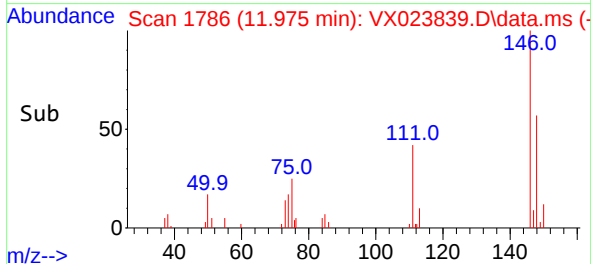
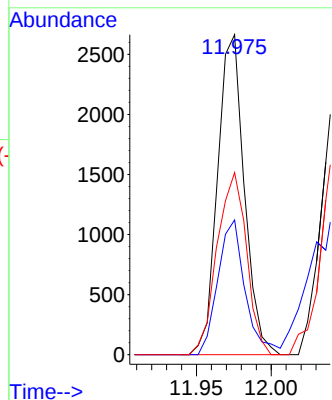
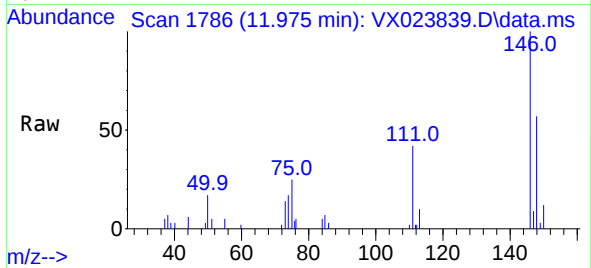




#64
1,3-Dichlorobenzene
Concen: 0.179 ug/L
RT: 11.975 min Scan# 1786
Delta R.T. 0.006 min
Lab File: VX023839.D
Acq: 19 Aug 2021 15:07

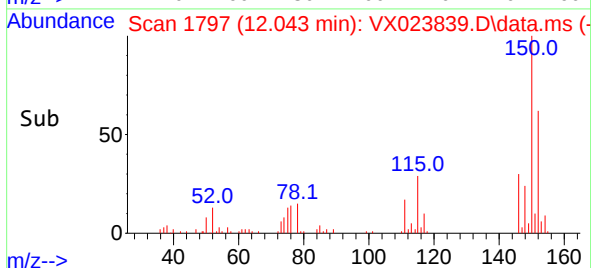
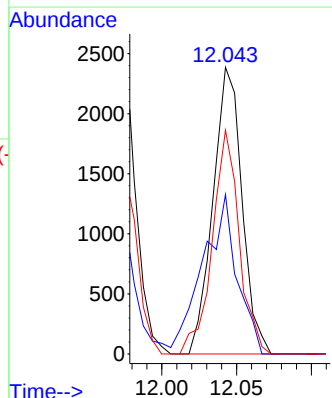
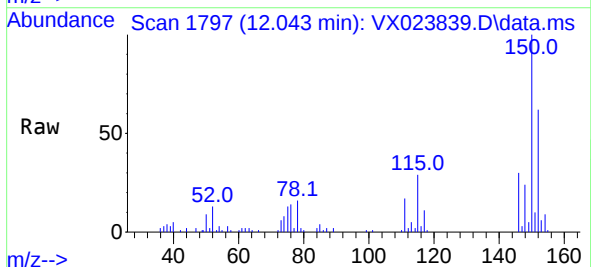
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT4-2021-07

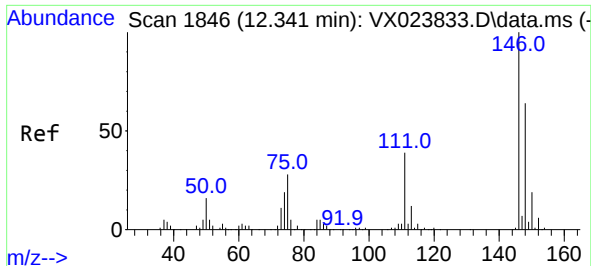
Tgt Ion:146 Resp: 3313
Ion Ratio Lower Upper
146 100
111 42.1 28.2 52.4
148 56.9 41.7 77.5



#65
1,4-Dichlorobenzene
Concen: 0.174 ug/L
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX023839.D
Acq: 19 Aug 2021 15:07

Tgt Ion:146 Resp: 3216
Ion Ratio Lower Upper
146 100
111 55.6 26.2 48.8#
148 78.0 44.1 81.9

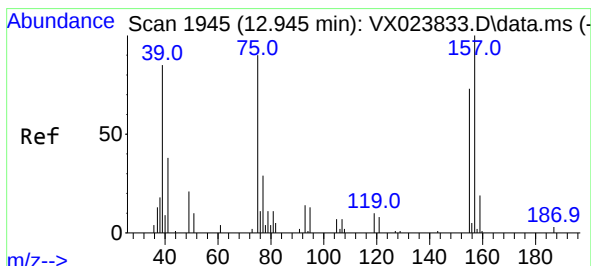
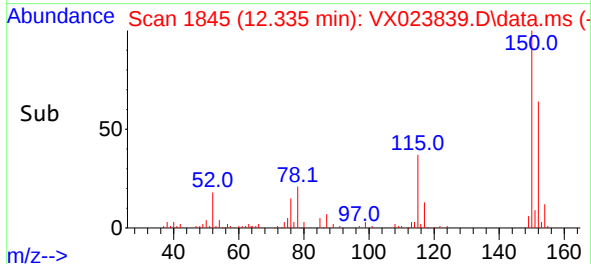
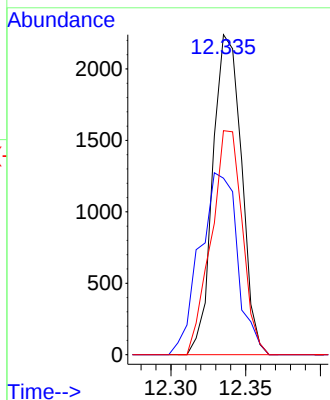
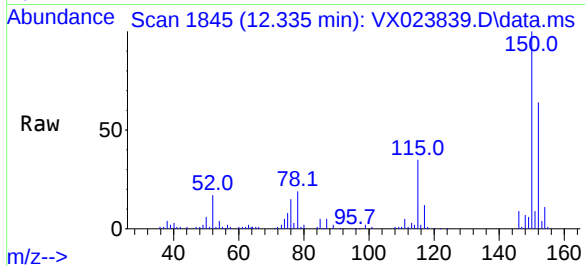




#67
1,2-Dichlorobenzene
Concen: 0.176 ug/L
RT: 12.335 min Scan# 1845
Delta R.T. -0.006 min
Lab File: VX023839.D
Acq: 19 Aug 2021 15:07

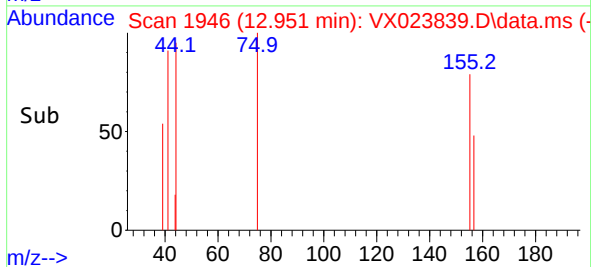
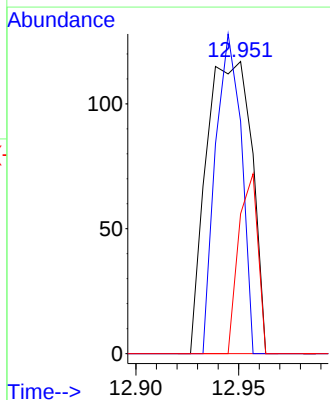
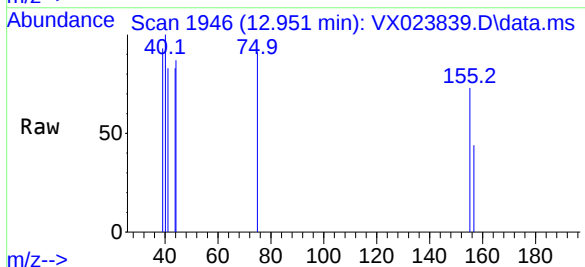
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT4-2021-07

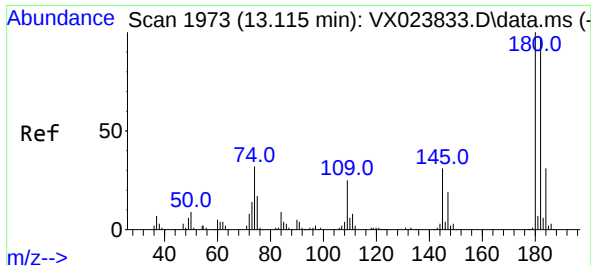
Tgt Ion:146 Resp: 2991
Ion Ratio Lower Upper
146 100
111 55.2 36.3 54.5#
148 70.0 51.5 77.3



#68
1,2-Dibromo-3-chloropropane
Concen: 0.191 ug/L
RT: 12.951 min Scan# 1946
Delta R.T. 0.006 min
Lab File: VX023839.D
Acq: 19 Aug 2021 15:07

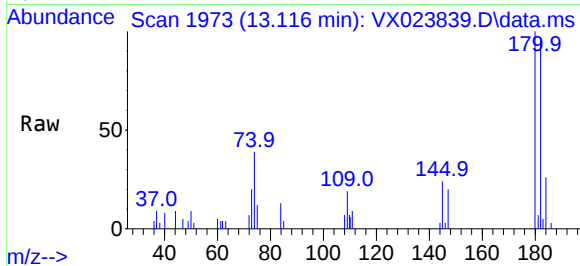
Tgt Ion: 75 Resp: 180
Ion Ratio Lower Upper
75 100
155 79.5 69.8 104.8
157 47.9 90.0 135.0#





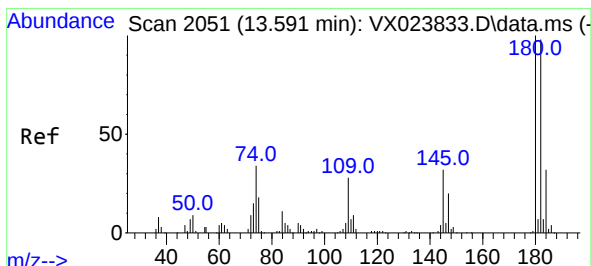
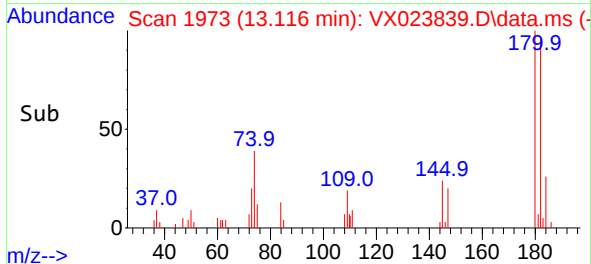
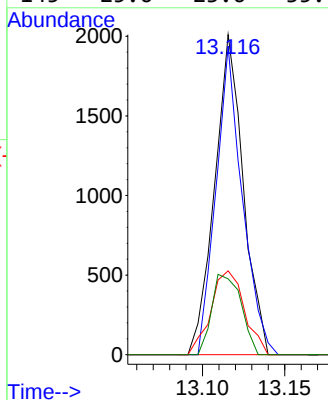
#69
1,3,5-Trichlorobenzene
Concen: 0.176 ug/L
RT: 13.116 min Scan# 1973
Delta R.T. 0.000 min
Lab File: VX023839.D
Acq: 19 Aug 2021 15:07

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT4-2021-07

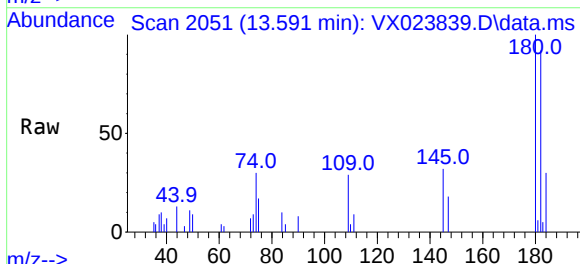


Tgt Ion:180 Resp: 2431

Ion	Ratio	Lower	Upper
180	100		
182	88.6	77.0	115.4
184	30.7	24.6	36.8
145	25.6	23.6	35.4

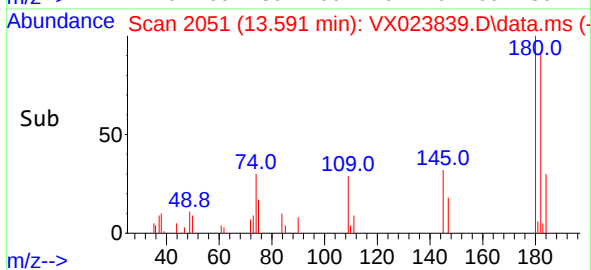
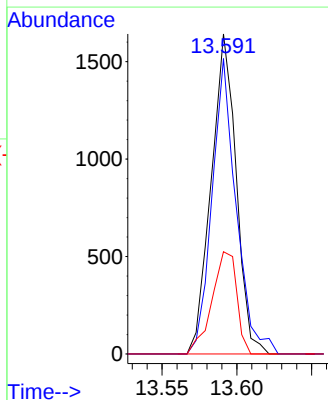


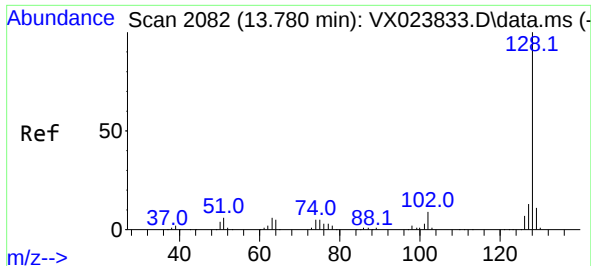
#70
1,2,4-trichlorobenzene
Concen: 0.173 ug/L
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX023839.D
Acq: 19 Aug 2021 15:07



Tgt Ion:180 Resp: 1905

Ion	Ratio	Lower	Upper
180	100		
182	89.3	74.3	111.5
145	31.7	24.1	36.1

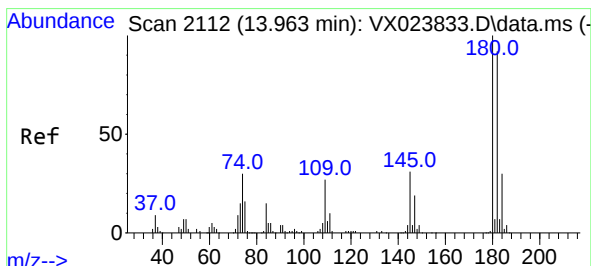
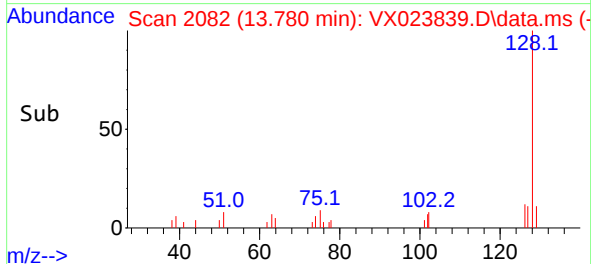
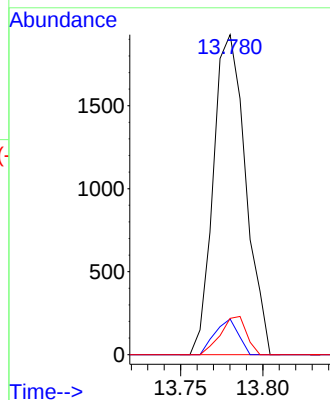
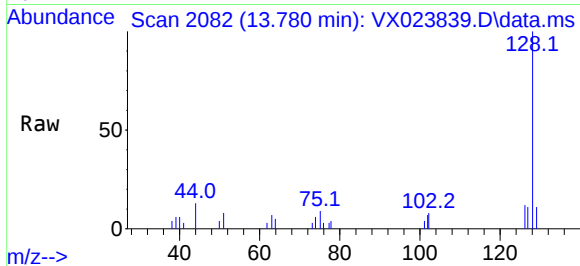




#71
Naphthalene
Concen: 0.142 ug/L
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX023839.D
Acq: 19 Aug 2021 15:07

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT4-2021-07

Tgt Ion:	128	Resp:	2639
Ion	Ratio	Lower	Upper
128	100		
129	8.1	8.4	12.6#
127	9.5	10.1	15.1#



#72
1,2,3-Trichlorobenzene
Concen: 0.150 ug/L
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX023839.D
Acq: 19 Aug 2021 15:07

Tgt Ion:	180	Resp:	1513
Ion	Ratio	Lower	Upper
180	100		
182	102.4	79.3	118.9
145	31.5	26.5	39.7

