

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122222\
 Data File : VX033549.D
 Acq On : 22 Dec 2022 17:02
 Operator : JC/MD
 Sample : N4519-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-QT4-2022-07

Quant Time: Dec 23 05:01:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML122222WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 23 04:40:20 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	223511	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	204288	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	99578	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	56133	47.211	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.420%
7) Chloroethane-d5	1.672	69	47793	51.398	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	102.800%
11) 1,1-Dichloroethene-d2	2.306	63	73482	38.709	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.420%
21) 2-Butanone-d5	4.458	46	93770	108.572	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.570%
24) Chloroform-d	5.056	84	150821	51.167	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.340%
26) 1,2-Dichloroethane-d4	5.952	65	97841	53.536	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.080%
32) Benzene-d6	5.976	84	287693	49.311	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.620%
36) 1,2-Dichloropropane-d6	7.306	67	87446	51.302	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.600%
41) Toluene-d8	8.647	98	284159	50.182	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.360%
43) trans-1,3-Dichloroprop...	8.952	79	43717	53.052	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	106.100%
47) 2-Hexanone-d5	9.384	63	75608	108.202	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.200%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	124319	53.190	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	106.380%
66) 1,2-Dichlorobenzene-d4	12.323	152	109329	52.928	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.860%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	934	1.731	ug/L	96
3) Chloromethane	1.294	50	1350	1.993	ug/L	99
5) Vinyl chloride	1.374	62	1858	2.076	ug/L #	55
6) Bromomethane	1.618	94	1218	2.288	ug/L	75
8) Chloroethane	1.697	64	1115	1.873	ug/L	97
9) Trichlorofluoromethane	1.892	101	2918	1.970	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.325	101	2324	2.466	ug/L #	80
12) 1,1-Dichloroethene	2.319	96	2307	2.722	ug/L #	1
13) Acetone	2.392	43	2251	4.058	ug/L	96
14) Carbon disulfide	2.514	76	4597	1.783	ug/L	97
15) Methyl Acetate	2.709	43	2212	1.994	ug/L	90
17) trans-1,2-Dichloroethene	3.093	96	2439	1.943	ug/L	93
18) Methyl tert-butyl Ether	3.117	73	7586	1.907	ug/L	99
19) 1,1-Dichloroethane	3.611	63	4232	1.942	ug/L	94
20) cis-1,2-Dichloroethene	4.495	96	2854	1.940	ug/L	94
22) 2-Butanone	4.568	43	3790m	4.148	ug/L	
23) Bromochloromethane	4.910	128	1548m	1.966	ug/L	
27) 1,2-Dichloroethane	6.092	62	4036	2.090	ug/L #	90
29) Cyclohexane	5.470	56	3485	1.746	ug/L #	18

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 Response via : Initial Calibration

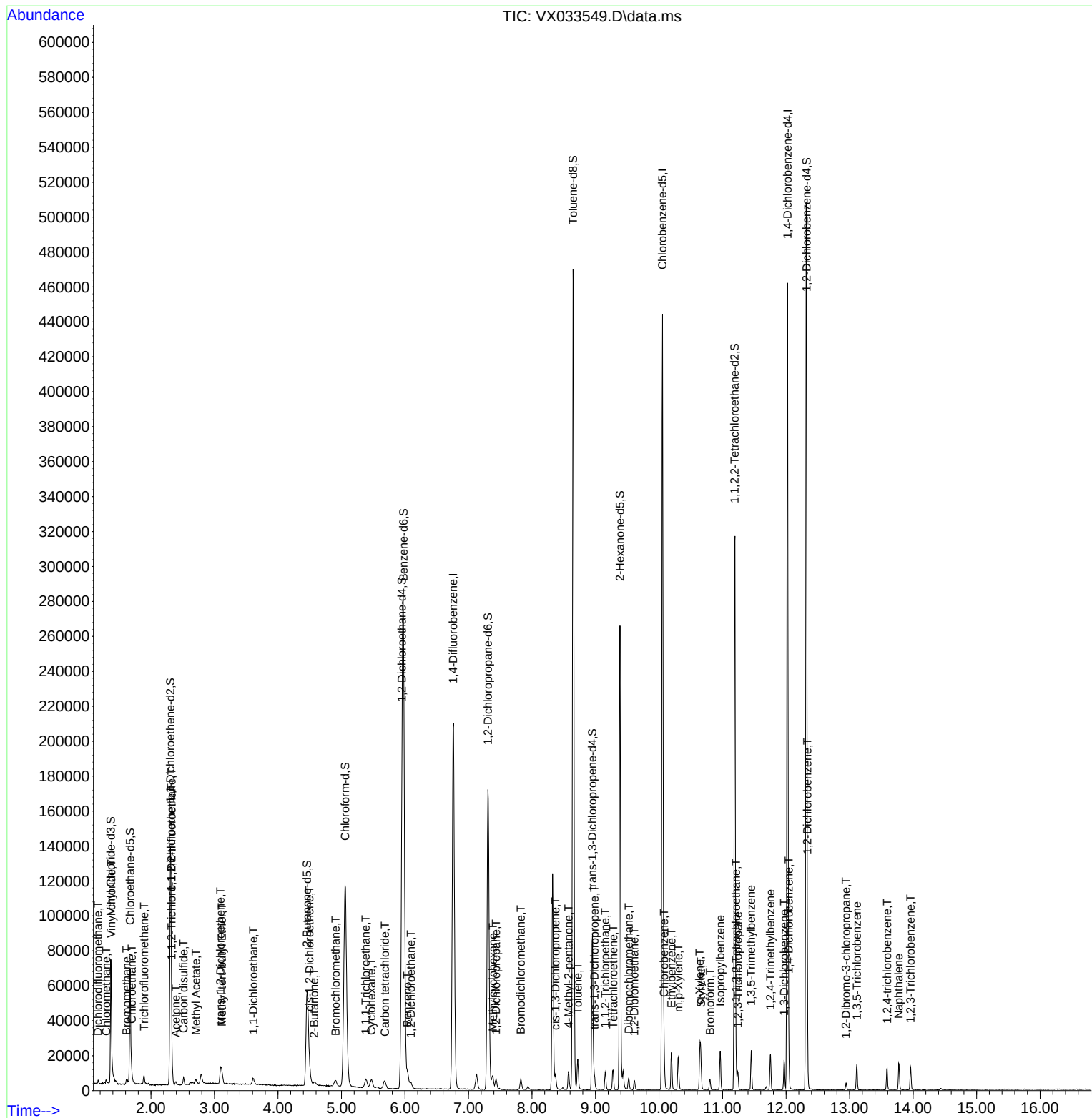
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
30) 1,1,1-Trichloroethane	5.379	97	4444	1.871	ug/L	91
31) Carbon tetrachloride	5.684	117	4187	1.986	ug/L	99
33) Benzene	6.037	78	10324	1.902	ug/L	100
35) Methylcyclohexane	7.385	83	3760	1.695	ug/L	98
37) 1,2-Dichloropropane	7.434	63	2753	2.056	ug/L #	85
38) Bromodichloromethane	7.824	83	4308	2.180	ug/L #	90
39) cis-1,3-Dichloropropene	8.366	75	3946	1.814	ug/L	92
40) 4-Methyl-2-pentanone	8.574	43	6393	3.856	ug/L	95
42) Toluene	8.720	91	11359	1.851	ug/L	93
44) trans-1,3-Dichloropropene	8.982	75	4332	2.121	ug/L	94
45) 1,1,2-Trichloroethane	9.153	97	2821	1.947	ug/L	99
46) Tetrachloroethene	9.281	164	2260	1.769	ug/L	98
49) Dibromochloromethane	9.525	129	3377	1.995	ug/L	98
50) 1,2-Dibromoethane	9.610	107	3167	2.024	ug/L	97
51) Chlorobenzene	10.079	112	8184	2.010	ug/L	94
52) Ethylbenzene	10.195	91	12919	1.922	ug/L	100
53) m,p-Xylene	10.305	106	4937	1.841	ug/L	97
54) o-Xylene	10.640	106	4747	1.810	ug/L	97
55) Styrene	10.659	104	7785	1.761	ug/L	94
57) 1,1,2,2-Tetrachloroethane	11.213	83	4720	2.227	ug/L #	97
59) Bromoform	10.805	173	2421	2.088	ug/L	98
60) Isopropylbenzene	10.963	105	12198	1.853	ug/L	97
61) 1,2,3-Trichloropropane	11.244	75	3313	2.112	ug/L	100
62) 1,3,5-Trimethylbenzene	11.451	105	9987	1.786	ug/L	96
63) 1,2,4-Trimethylbenzene	11.756	105	9788	1.780	ug/L	98
64) 1,3-Dichlorobenzene	11.969	146	5630	1.872	ug/L	91
65) 1,4-Dichlorobenzene	12.042	146	6130	2.015	ug/L	97
67) 1,2-Dichlorobenzene	12.335	146	6142	2.069	ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.945	75	861m	2.042	ug/L	
69) 1,3,5-Trichlorobenzene	13.115	180	3992	1.984	ug/L	96
70) 1,2,4-trichlorobenzene	13.591	180	3189	1.750	ug/L	96
71) Naphthalene	13.774	128	10647	1.788	ug/L	98
72) 1,2,3-Trichlorobenzene	13.963	180	3576	1.966	ug/L	95

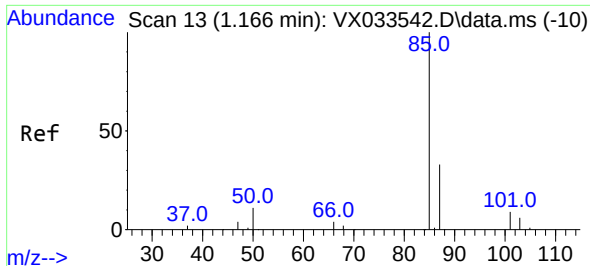
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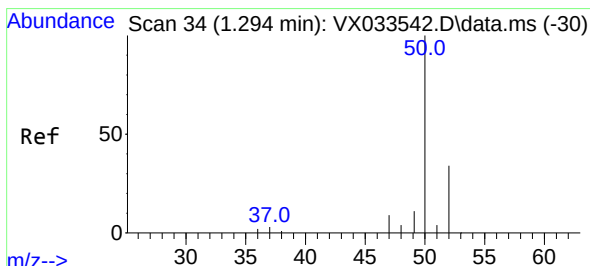
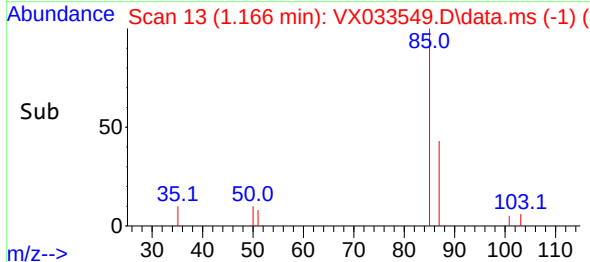
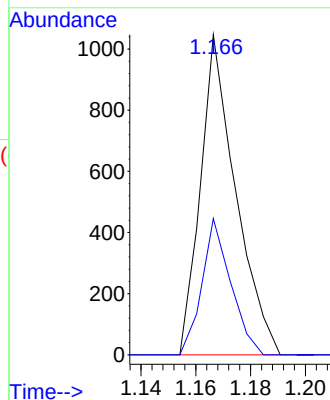
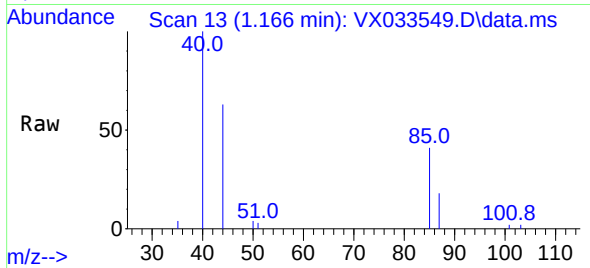




#2
 Dichlorodifluoromethane
 Concen: 1.731 ug/L
 RT: 1.166 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX033549.D
 Acq: 22 Dec 2022 17:02

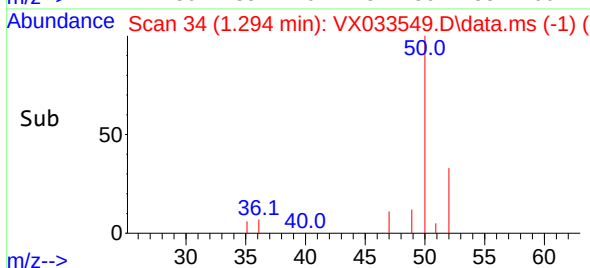
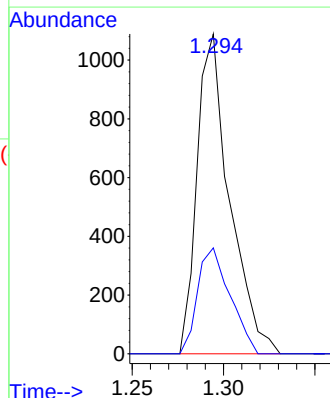
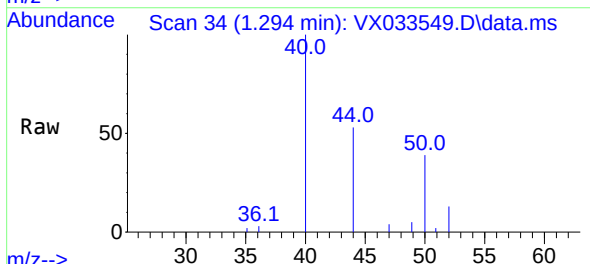
Instrument : MSVOA_X
 ClientSampleId : MDL-WATER-QT4-2022-07

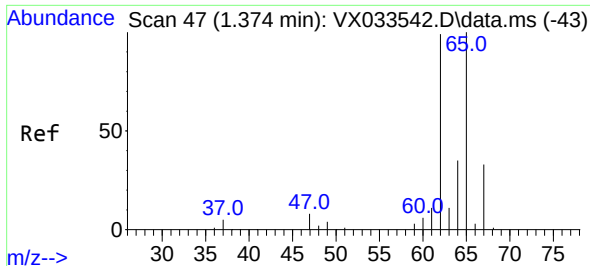
Tgt Ion: 85 Resp: 934
 Ion Ratio Lower Upper
 85 100
 87 34.9 26.1 39.1



#3
 Chloromethane
 Concen: 1.993 ug/L
 RT: 1.294 min Scan# 34
 Delta R.T. 0.000 min
 Lab File: VX033549.D
 Acq: 22 Dec 2022 17:02

Tgt Ion: 50 Resp: 1350
 Ion Ratio Lower Upper
 50 100
 52 33.1 23.7 43.9

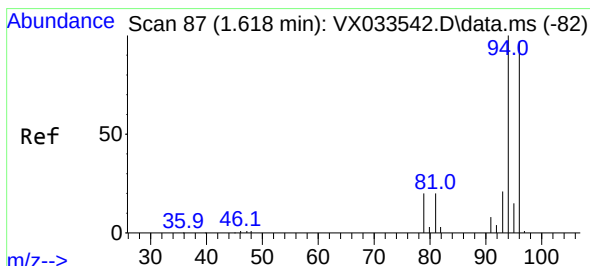
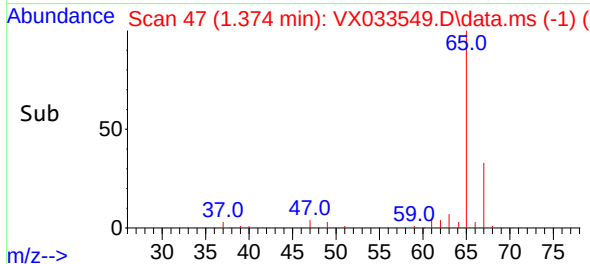
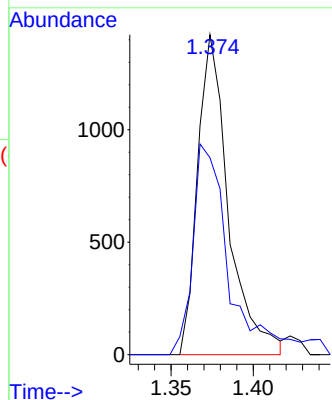
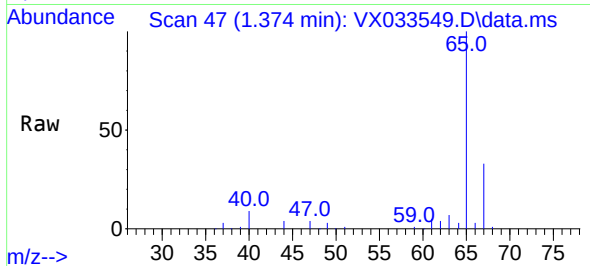




#5
 Vinyl chloride
 Concen: 2.076 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX033549.D
 Acq: 22 Dec 2022 17:02

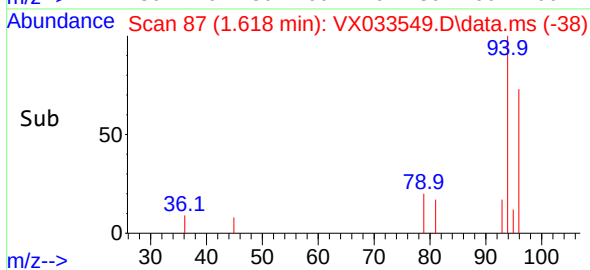
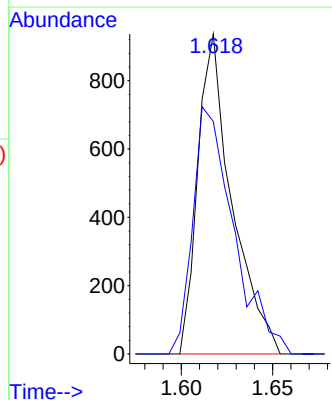
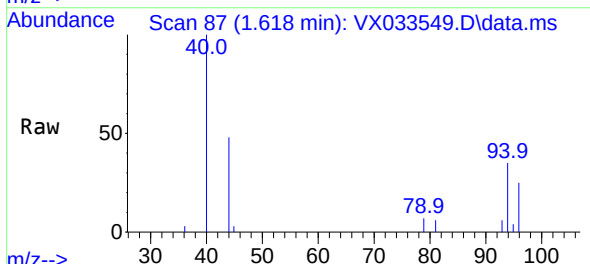
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-QT4-2022-07

Tgt Ion: 62 Resp: 1858
 Ion Ratio Lower Upper
 62 100
 64 61.6 24.8 46.1#

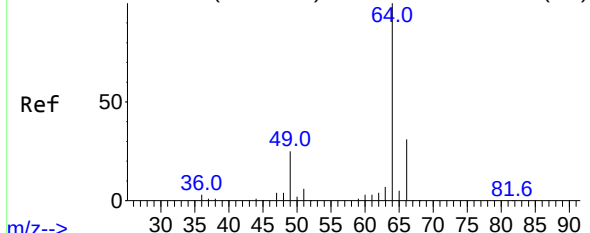


#6
 Bromomethane
 Concen: 2.288 ug/L
 RT: 1.618 min Scan# 87
 Delta R.T. -0.000 min
 Lab File: VX033549.D
 Acq: 22 Dec 2022 17:02

Tgt Ion: 94 Resp: 1218
 Ion Ratio Lower Upper
 94 100
 96 72.7 68.0 126.2



Abundance Scan 99 (1.691 min): VX033542.D\data.ms (-94)



#8

Chloroethane

Concen: 1.873 ug/L

RT: 1.697 min Scan# 100

Delta R.T. 0.006 min

Lab File: VX033549.D

Acq: 22 Dec 2022 17:02

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-QT4-2022-07

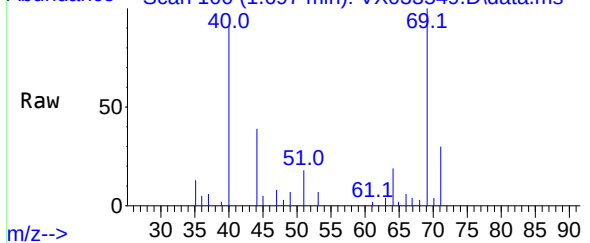
Tgt Ion: 64 Resp: 1115

Ion Ratio Lower Upper

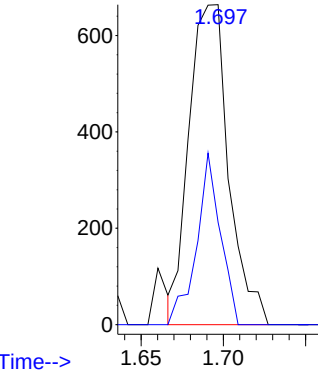
64 100

66 31.9 21.3 39.6

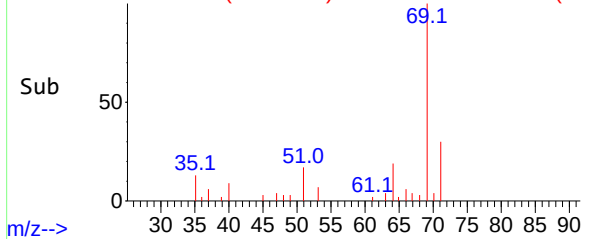
Abundance Scan 100 (1.697 min): VX033549.D\data.ms



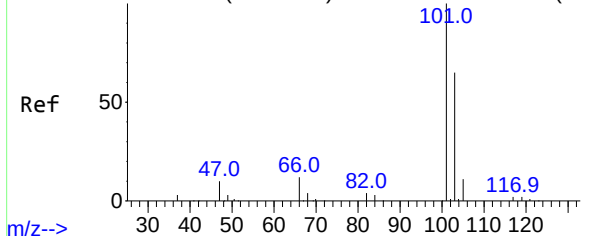
Abundance



Abundance Scan 100 (1.697 min): VX033549.D\data.ms (-33)



Abundance Scan 132 (1.892 min): VX033542.D\data.ms (-12)



#9

Trichlorofluoromethane

Concen: 1.970 ug/L

RT: 1.892 min Scan# 132

Delta R.T. 0.000 min

Lab File: VX033549.D

Acq: 22 Dec 2022 17:02

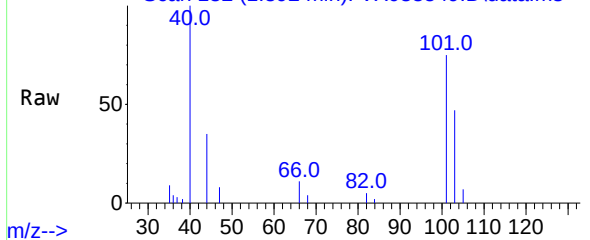
Tgt Ion:101 Resp: 2918

Ion Ratio Lower Upper

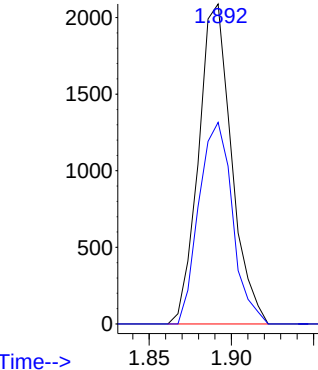
101 100

103 64.1 51.8 77.6

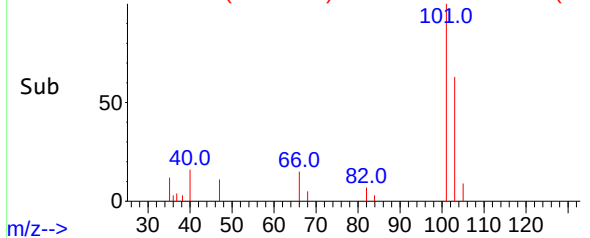
Abundance Scan 132 (1.892 min): VX033549.D\data.ms

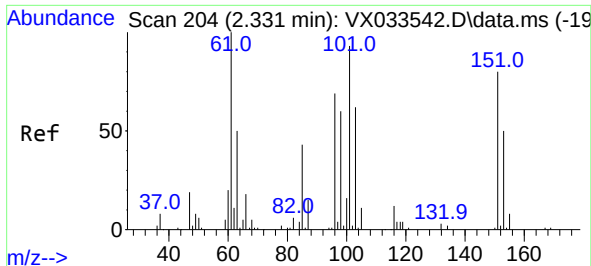


Abundance



Abundance Scan 132 (1.892 min): VX033549.D\data.ms (-66)

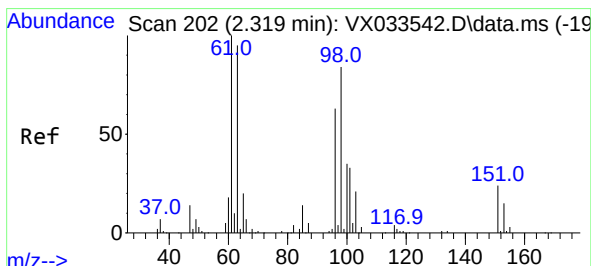
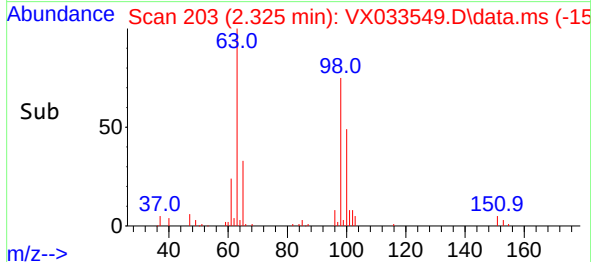
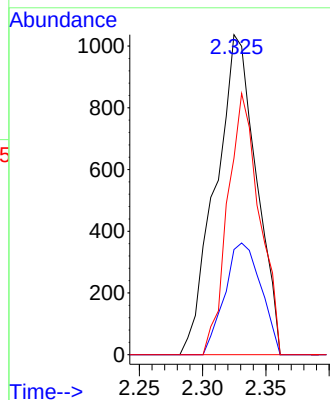
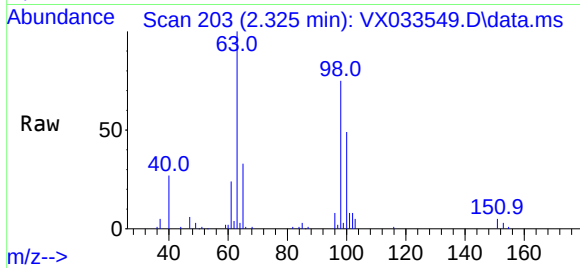




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 2.466 ug/L
 RT: 2.325 min Scan# 204
 Delta R.T. -0.006 min
 Lab File: VX033549.D
 Acq: 22 Dec 2022 17:02

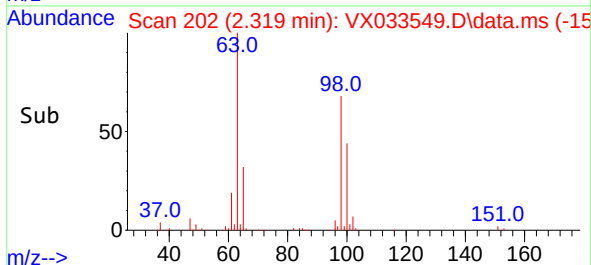
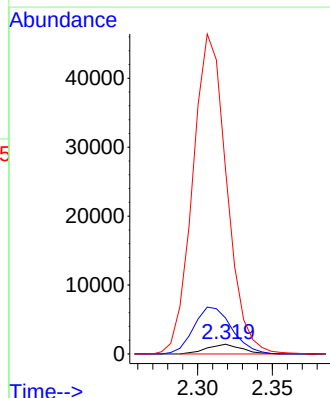
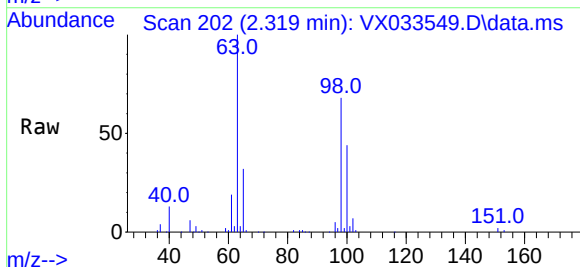
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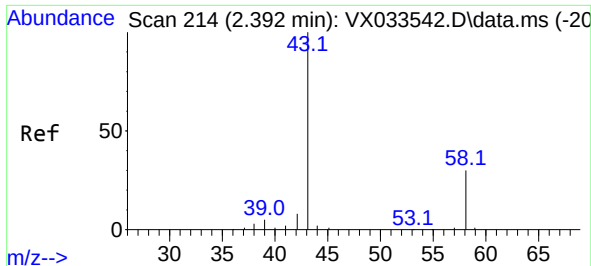
Tgt Ion:101 Resp: 2324
 Ion Ratio Lower Upper
 101 100
 85 31.1 35.0 52.6#
 151 63.8 65.7 98.5#



#12
 1,1-Dichloroethene
 Concen: 2.722 ug/L
 RT: 2.319 min Scan# 202
 Delta R.T. 0.000 min
 Lab File: VX033549.D
 Acq: 22 Dec 2022 17:02

Tgt Ion: 96 Resp: 2307
 Ion Ratio Lower Upper
 96 100
 61 368.9 111.6 207.2#
 63 1896.4 108.6 201.6#

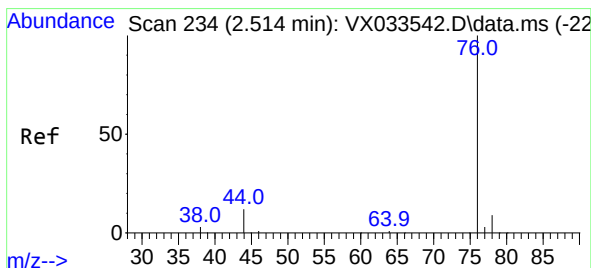
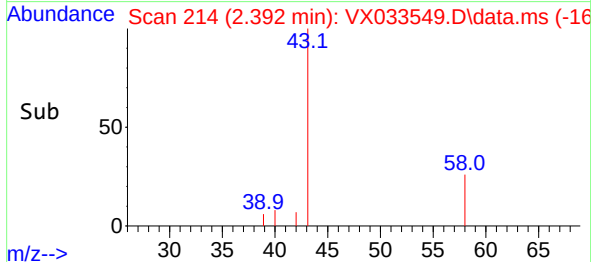
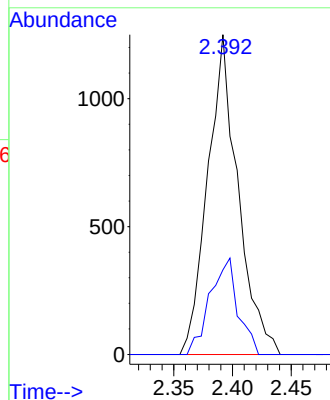
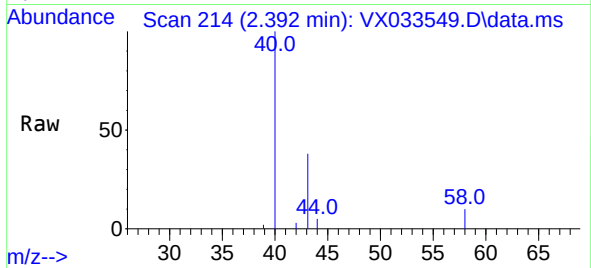




#13
Acetone
Concen: 4.058 ug/L
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX033549.D
Acq: 22 Dec 2022 17:02

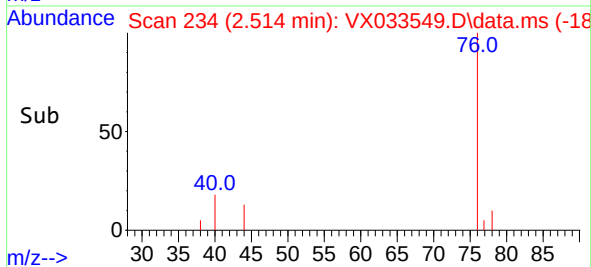
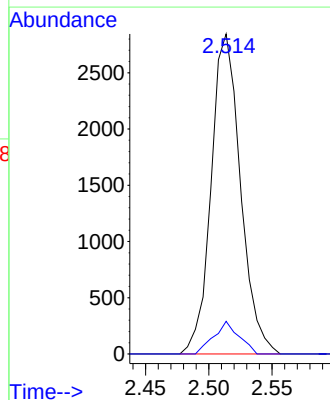
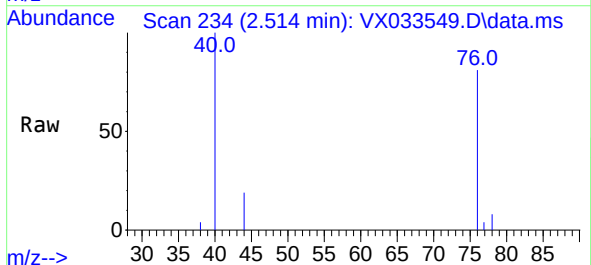
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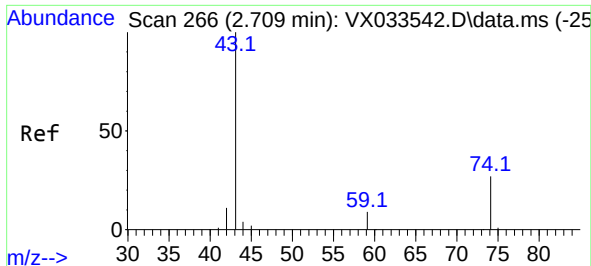
Tgt Ion: 43 Resp: 2251
Ion Ratio Lower Upper
43 100
58 27.7 0.0 60.0



#14
Carbon disulfide
Concen: 1.783 ug/L
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX033549.D
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Tgt Ion: 76 Resp: 4597
Ion Ratio Lower Upper
76 100
78 10.2 7.4 11.0

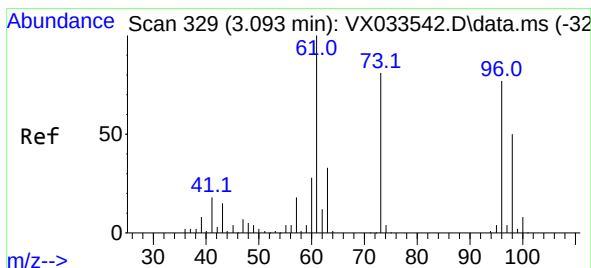
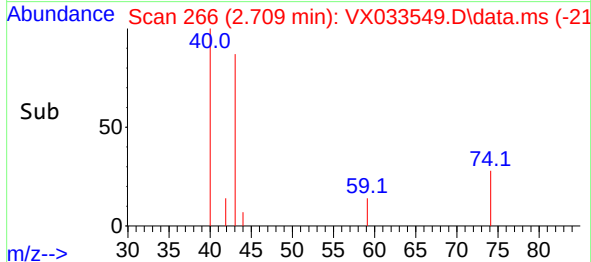
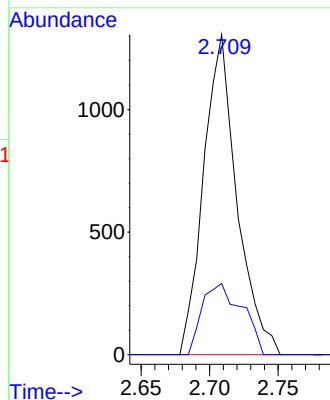
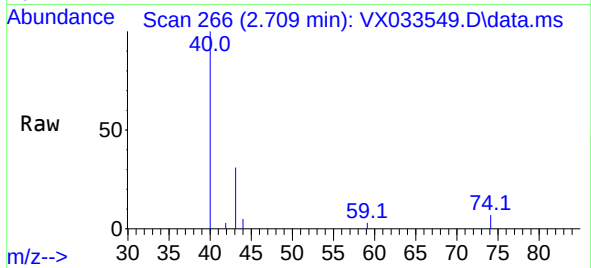




#15
Methyl Acetate
Concen: 1.994 ug/L
RT: 2.709 min Scan# 215
Delta R.T. -0.000 min
Lab File: VX033549.D
Acq: 22 Dec 2022 17:02

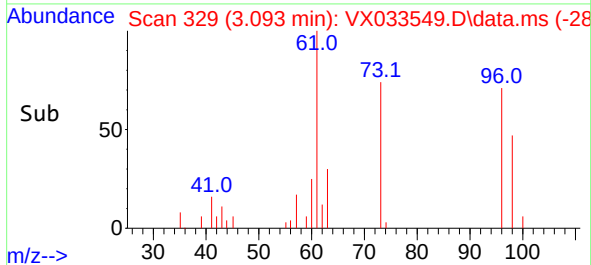
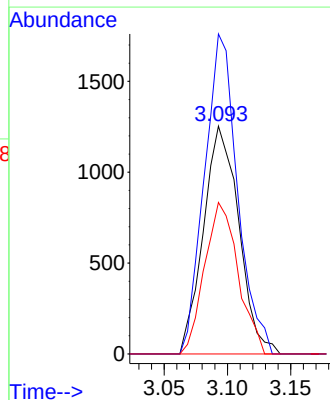
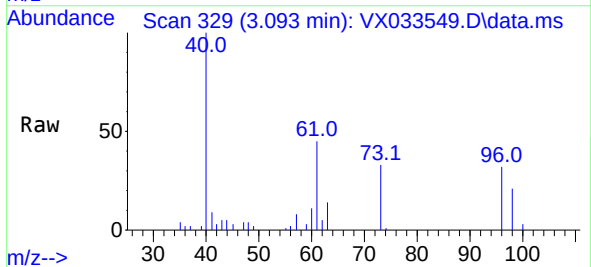
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT4-2022-07

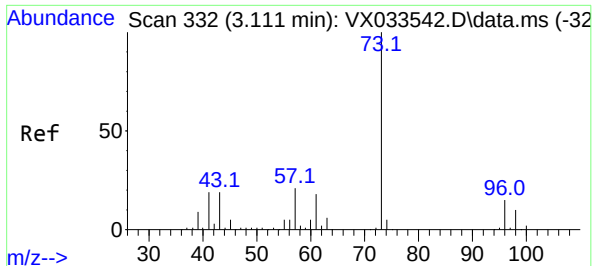
Tgt Ion: 43 Resp: 2212
Ion Ratio Lower Upper
43 100
74 21.7 21.4 32.0



#17
trans-1,2-Dichloroethene
Concen: 1.943 ug/L
RT: 3.093 min Scan# 329
Delta R.T. 0.000 min
Lab File: VX033549.D
Acq: 22 Dec 2022 17:02

Tgt Ion: 96 Resp: 2439
Ion Ratio Lower Upper
96 100
61 140.4 90.6 168.2
98 66.5 45.1 83.9

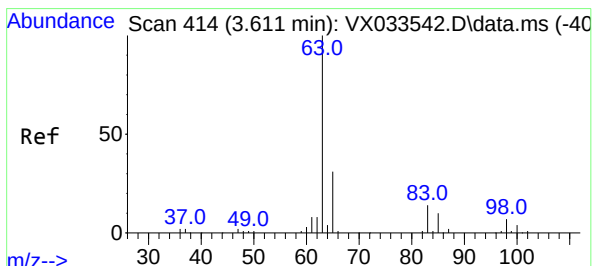
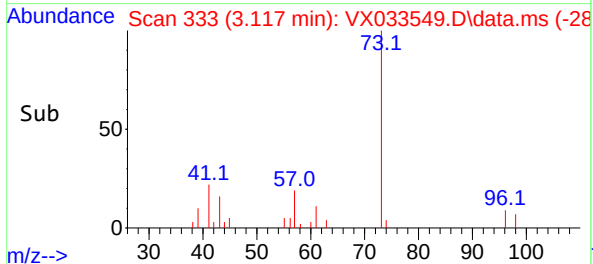
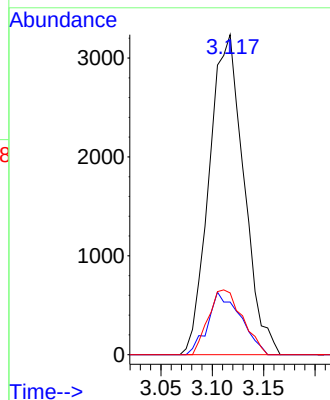
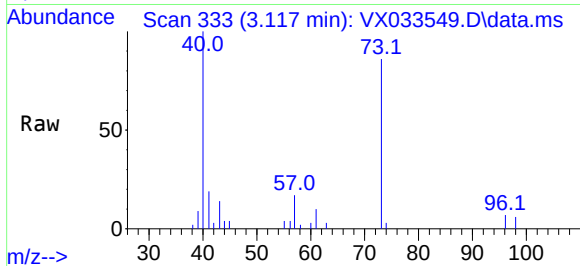




#18
Methyl tert-butyl Ether
Concen: 1.907 ug/L
RT: 3.117 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX033549.D
Acq: 22 Dec 2022 17:02

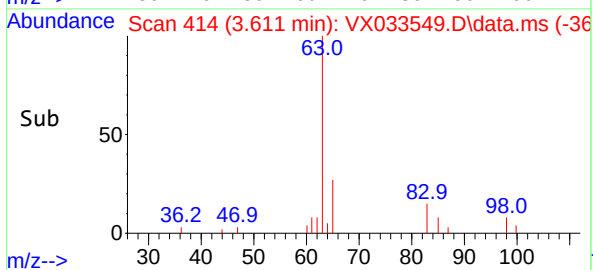
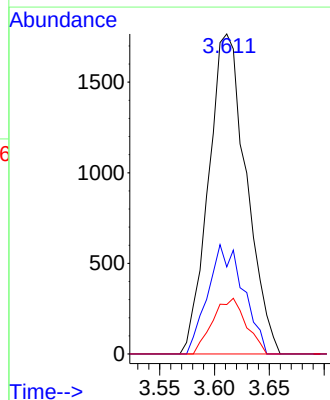
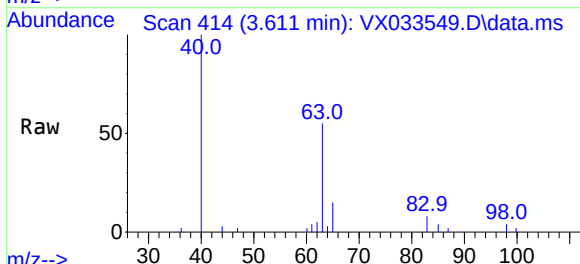
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT4-2022-07

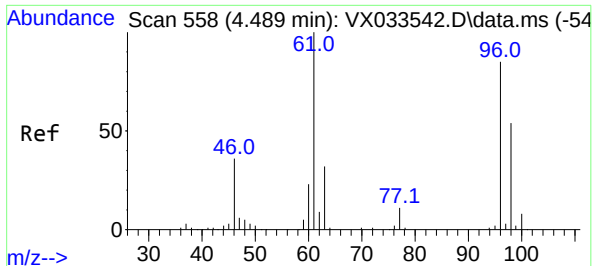
Tgt Ion: 73	Resp: 7586
Ion Ratio	Lower Upper
73 100	
43 18.5	14.7 22.1
57 19.9	16.4 24.6



#19
1,1-Dichloroethane
Concen: 1.942 ug/L
RT: 3.611 min Scan# 414
Delta R.T. 0.000 min
Lab File: VX033549.D
Acq: 22 Dec 2022 17:02

Tgt Ion: 63	Resp: 4232		
Ion Ratio	Lower	Upper	
63 100			
65 27.2	21.8	40.6	
83 15.5	9.9	18.5	

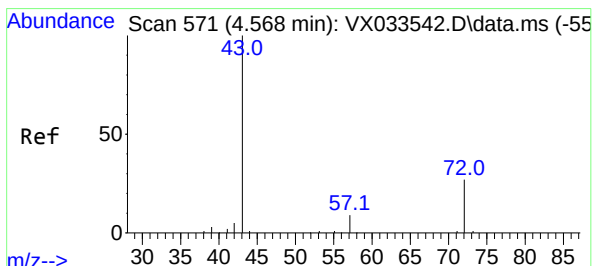
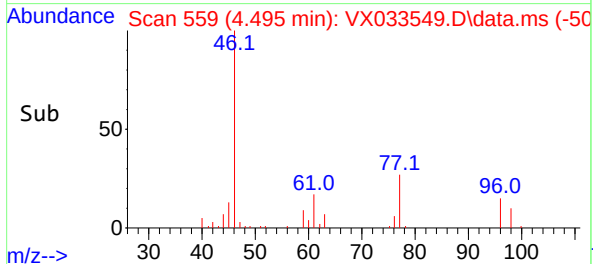
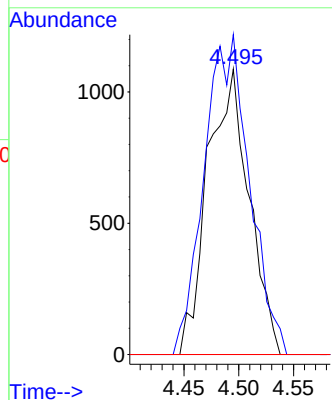
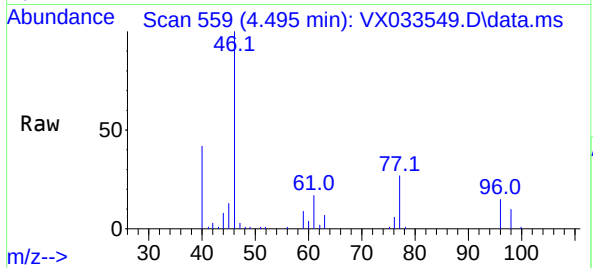




#20
cis-1,2-Dichloroethene
Concen: 1.940 ug/L
RT: 4.495 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX033549.D
Acq: 22 Dec 2022 17:02

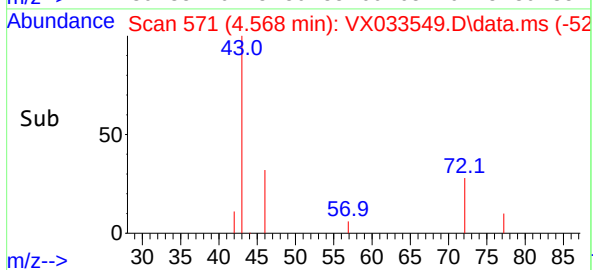
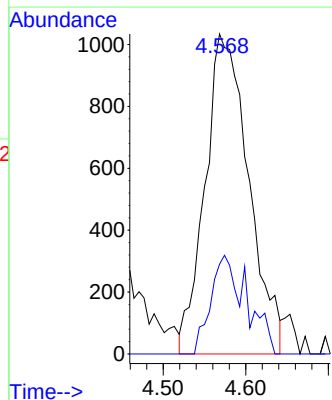
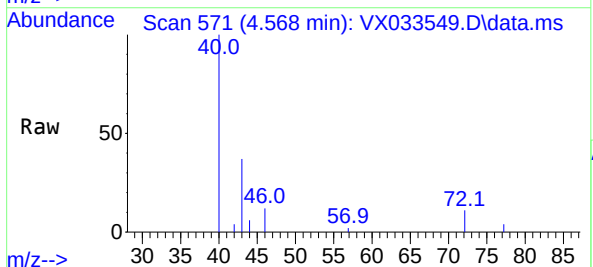
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT4-2022-07

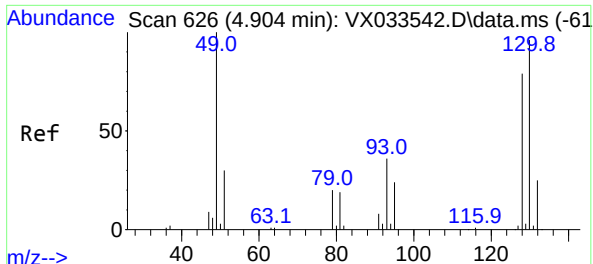
Tgt Ion: 96 Resp: 2854
Ion Ratio Lower Upper
96 100
61 112.1 82.7 153.7
68 0.0 0.0 0.0



#22
2-Butanone
Concen: 4.148 ug/L m
RT: 4.568 min Scan# 571
Delta R.T. 0.000 min
Lab File: VX033549.D
Acq: 22 Dec 2022 17:02

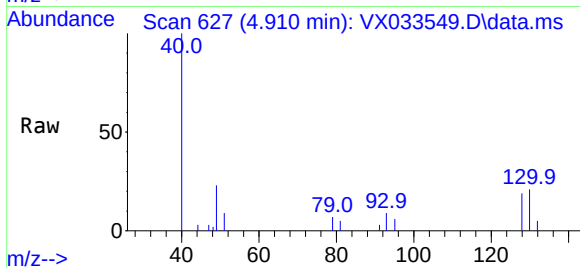
Tgt Ion: 43 Resp: 3790
Ion Ratio Lower Upper
43 100
72 17.6 14.6 44.0



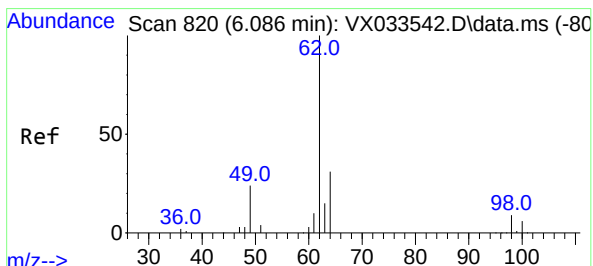
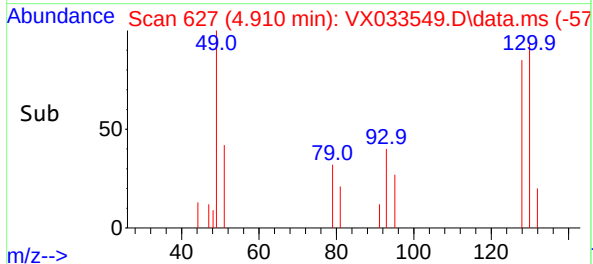
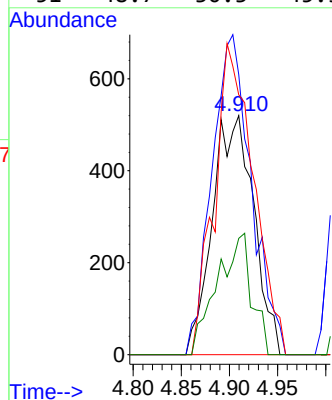


#23
Bromochloromethane
Concen: 1.966 ug/L m
RT: 4.910 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX033549.D
Acq: 22 Dec 2022 17:02

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT4-2022-07

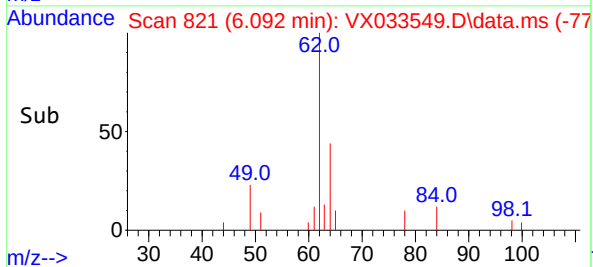
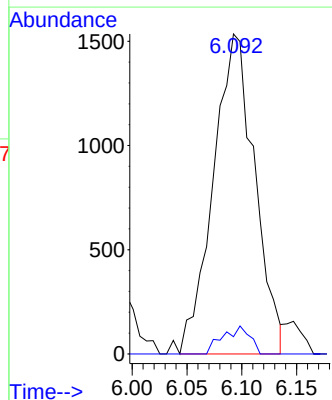
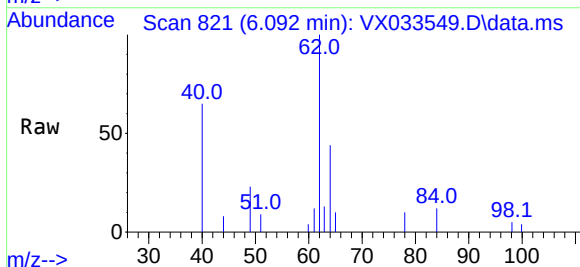


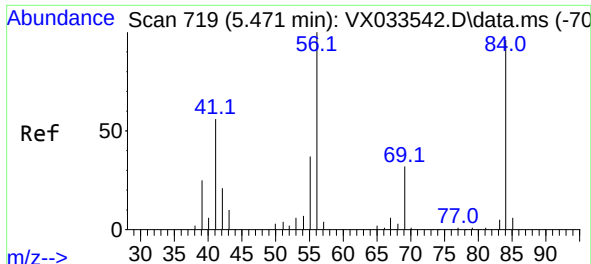
Tgt Ion:128 Resp: 1548
Ion Ratio Lower Upper
128 100
49 117.1 89.2 165.8
130 108.7 85.8 159.3
51 48.7 30.3 45.5#



#27
1,2-Dichloroethane
Concen: 2.090 ug/L
RT: 6.092 min Scan# 821
Delta R.T. 0.006 min
Lab File: VX033549.D
Acq: 22 Dec 2022 17:02

Tgt Ion: 62 Resp: 4036
Ion Ratio Lower Upper
62 100
98 5.4 7.4 11.0#

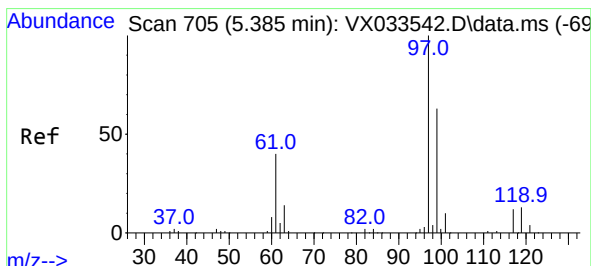
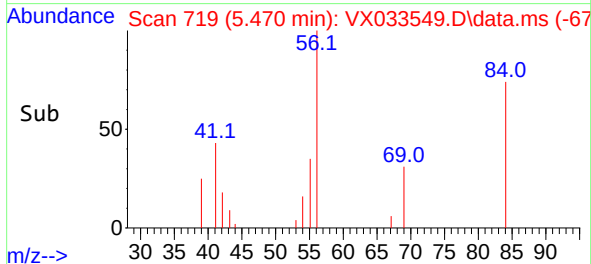
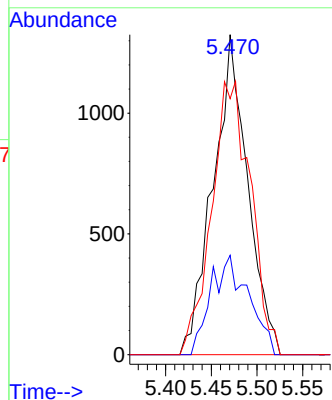
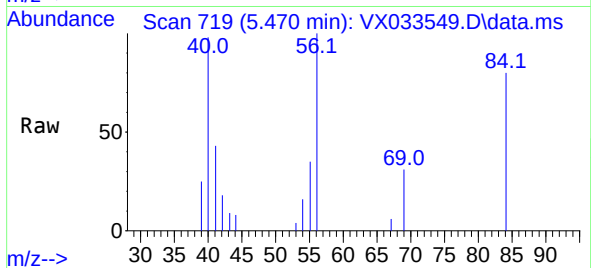




#29
Cyclohexane
Concen: 1.746 ug/L
RT: 5.470 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX033549.D
Acq: 22 Dec 2022 17:02

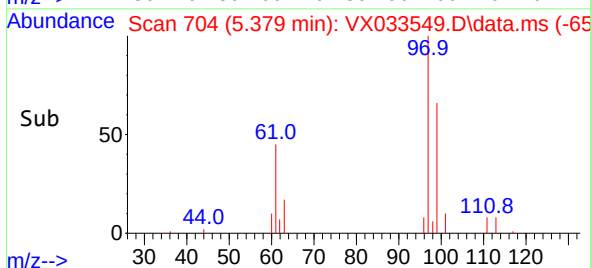
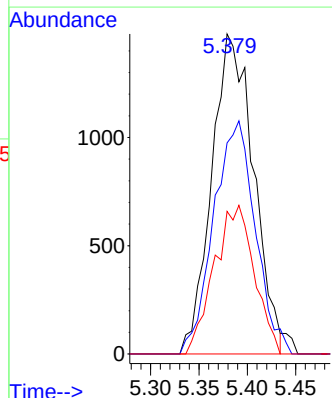
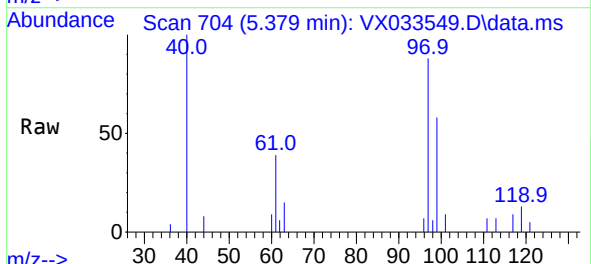
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT4-2022-07

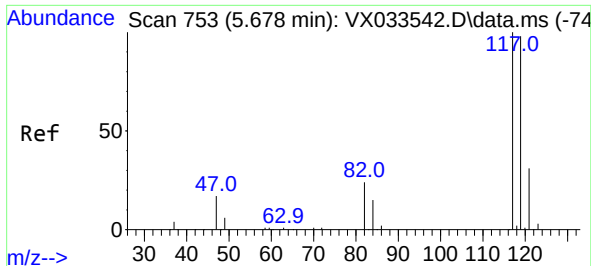
Tgt Ion: 56 Resp: 3485
Ion Ratio Lower Upper
56 100
69 10.9 26.3 39.5#
84 0.0 75.6 113.4#



#30
1,1,1-Trichloroethane
Concen: 1.871 ug/L
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX033549.D
Acq: 22 Dec 2022 17:02

Tgt Ion: 97 Resp: 4444
Ion Ratio Lower Upper
97 100
99 72.5 51.3 76.9
61 44.6 32.4 48.6

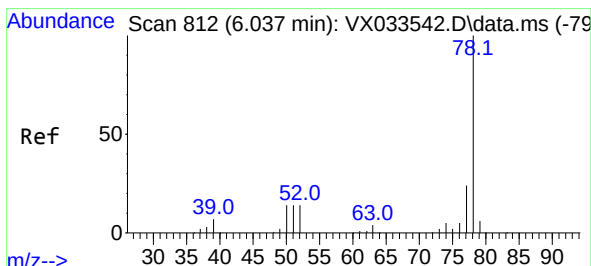
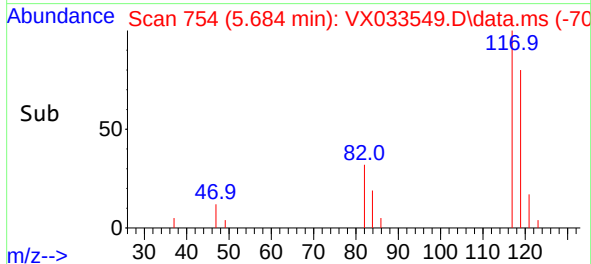
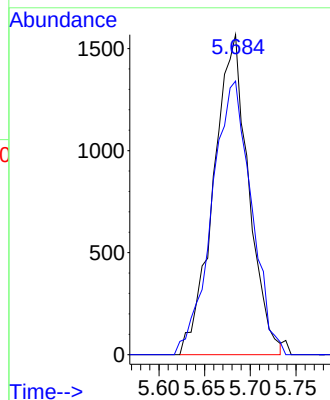
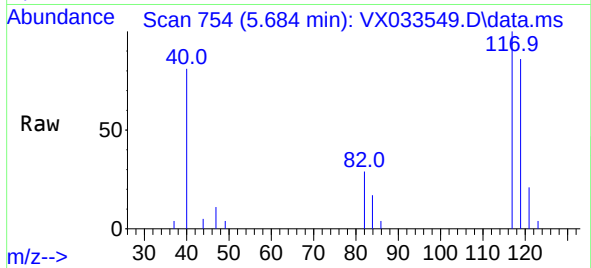




#31
Carbon tetrachloride
Concen: 1.986 ug/L
RT: 5.684 min Scan# 753
Delta R.T. 0.006 min
Lab File: VX033549.D
Acq: 22 Dec 2022 17:02

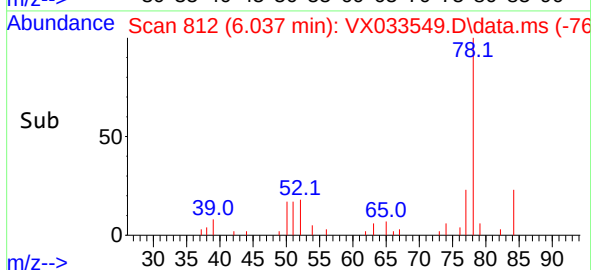
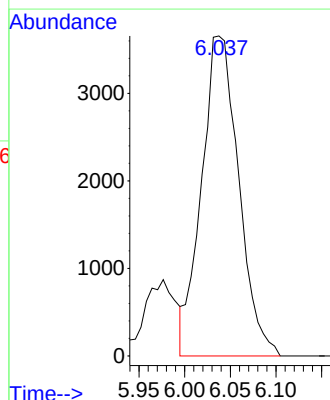
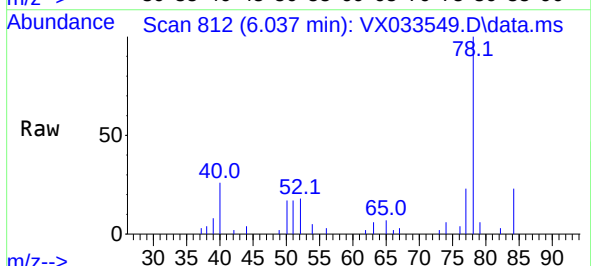
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT4-2022-07

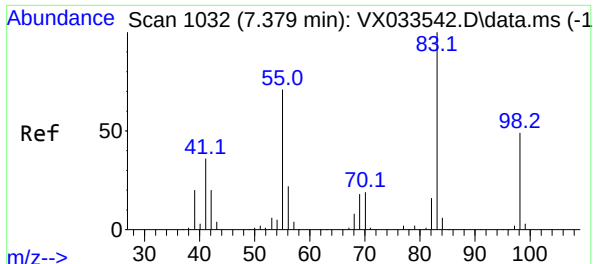
Tgt Ion:117 Resp: 4187
Ion Ratio Lower Upper
117 100
119 96.0 77.9 116.9



#33
Benzene
Concen: 1.902 ug/L
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX033549.D
Acq: 22 Dec 2022 17:02

Tgt Ion: 78 Resp: 10324

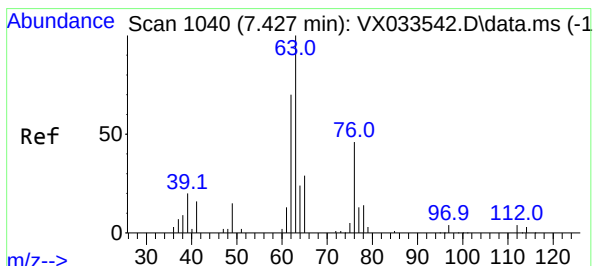
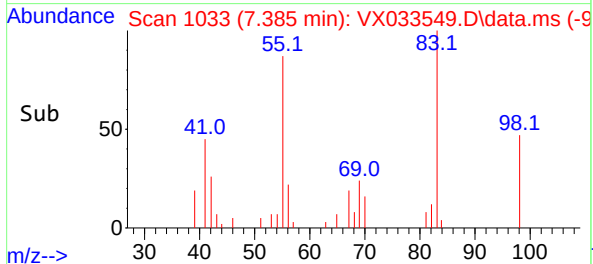
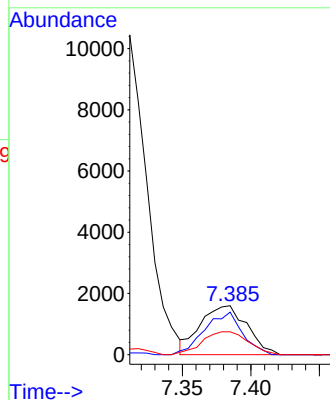
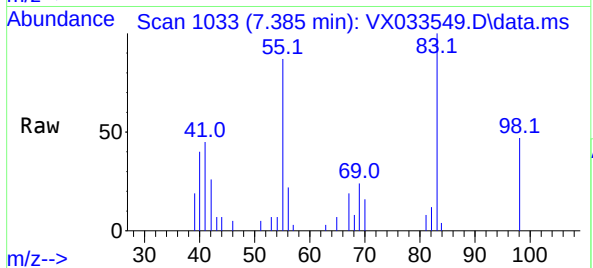




#35
Methylcyclohexane
Concen: 1.695 ug/L
RT: 7.385 min Scan# 1033
Delta R.T. 0.006 min
Lab File: VX033549.D
Acq: 22 Dec 2022 17:02

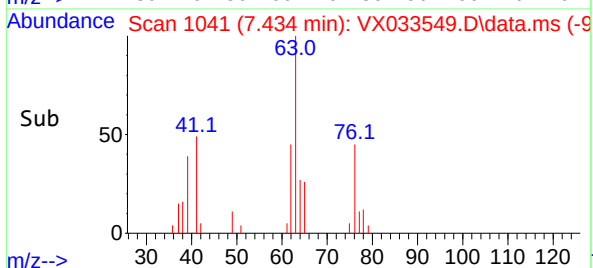
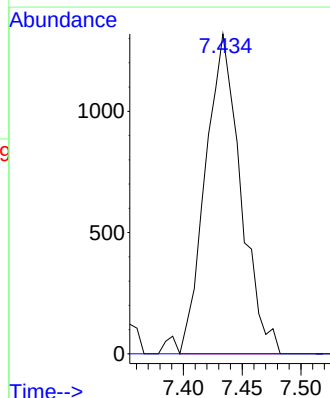
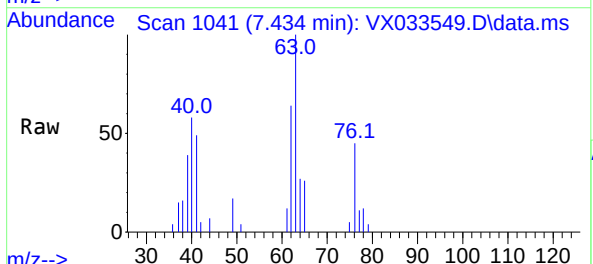
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-QT4-2022-07

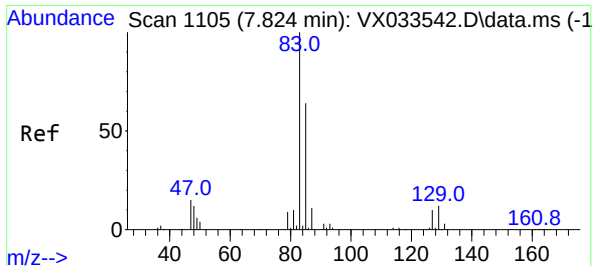
Tgt Ion: 83	Resp: 3760
Ion Ratio	Lower Upper
83 100	
55 70.6	55.6 83.4
98 46.0	38.6 57.8



#37
1,2-Dichloropropane
Concen: 2.056 ug/L
RT: 7.434 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VX033549.D
Acq: 22 Dec 2022 17:02

Tgt Ion: 63	Resp: 2753
Ion Ratio	Lower Upper
63 100	
112 0.0	3.8 5.8#

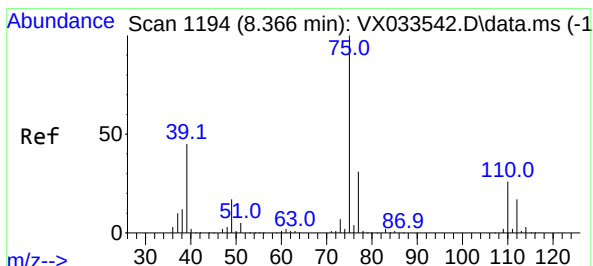
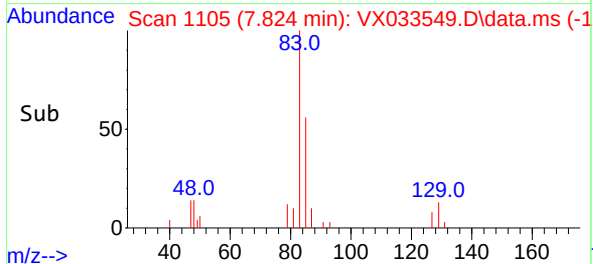
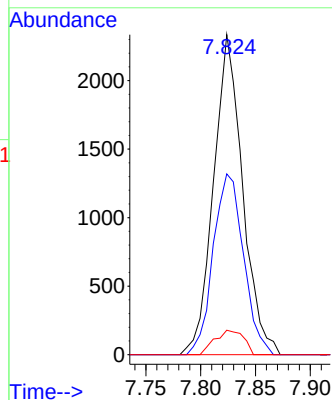
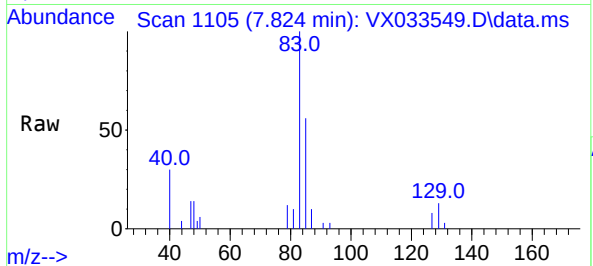




#38
Bromodichloromethane
Concen: 2.180 ug/L
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX033549.D
Acq: 22 Dec 2022 17:02

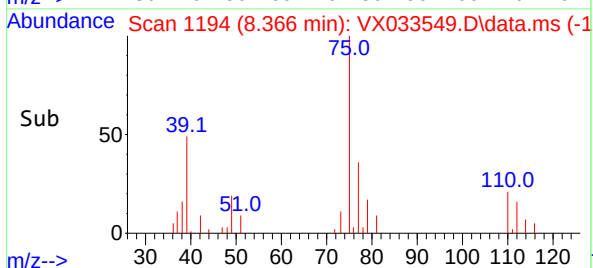
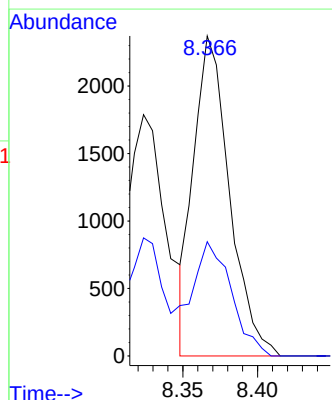
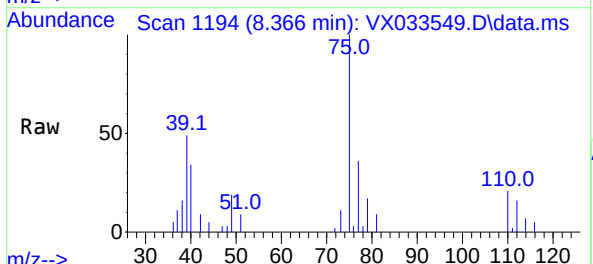
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT4-2022-07

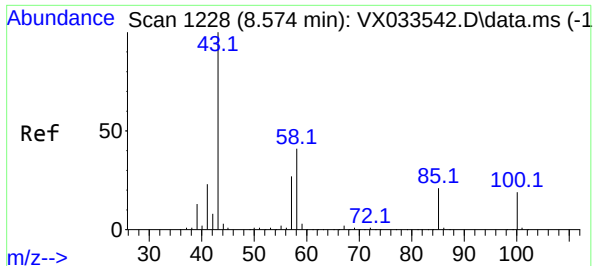
Tgt Ion: 83 Resp: 4308
Ion Ratio Lower Upper
83 100
85 56.5 45.1 83.9
127 7.7 7.7 11.5#



#39
cis-1,3-Dichloropropene
Concen: 1.814 ug/L
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX033549.D
Acq: 22 Dec 2022 17:02

Tgt Ion: 75 Resp: 3946
Ion Ratio Lower Upper
75 100
77 35.7 22.0 41.0





#40

4-Methyl-2-pentanone

Concen: 3.856 ug/L

RT: 8.574 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX033549.D

Acq: 22 Dec 2022 17:02

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-QT4-2022-07

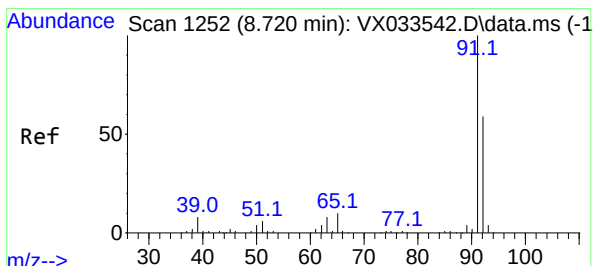
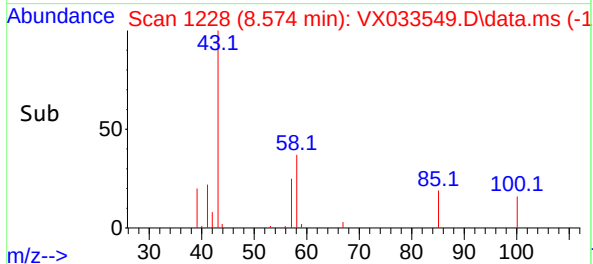
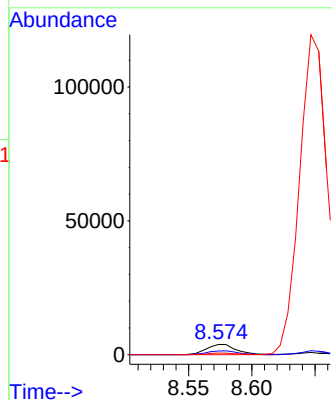
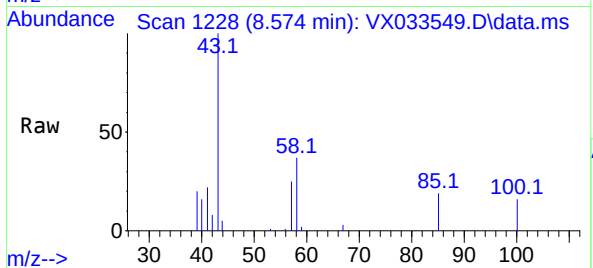
Tgt Ion: 43 Resp: 6393

Ion Ratio Lower Upper

43 100

58 37.5 32.9 49.3

100 16.6 14.9 22.3



#42

Toluene

Concen: 1.851 ug/L

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX033549.D

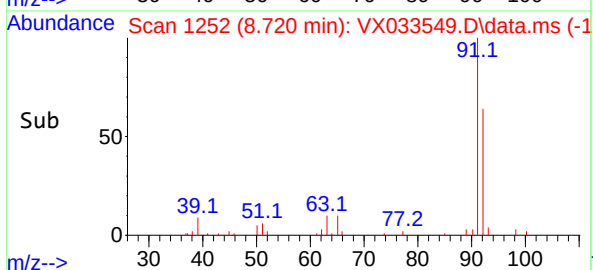
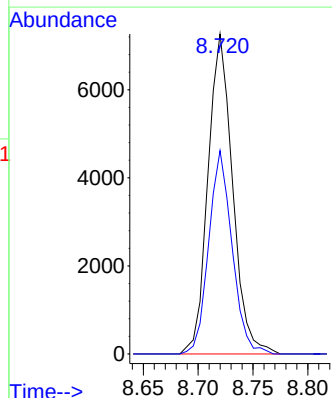
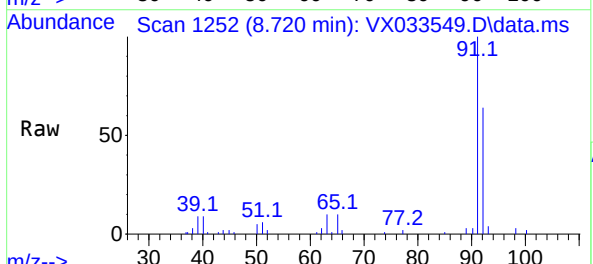
Acq: 22 Dec 2022 17:02

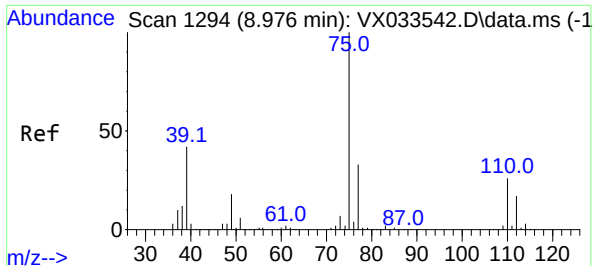
Tgt Ion: 91 Resp: 11359

Ion Ratio Lower Upper

91 100

92 63.6 41.1 76.3

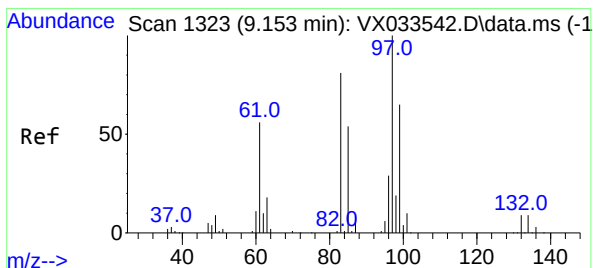
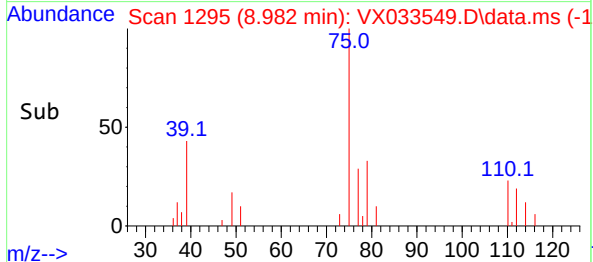
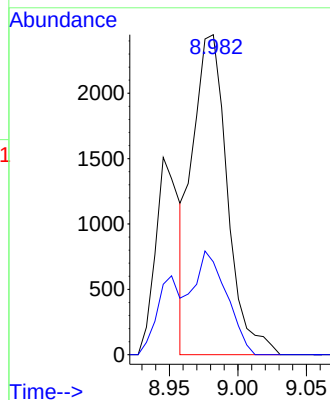
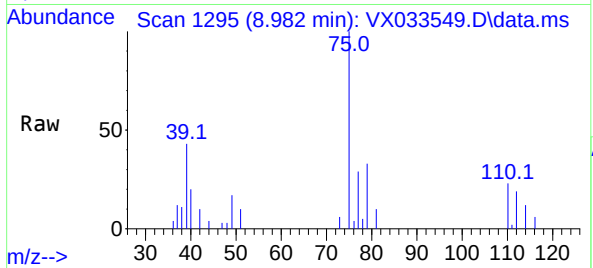




#44
trans-1,3-Dichloropropene
Concen: 2.121 ug/L
RT: 8.982 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX033549.D
Acq: 22 Dec 2022 17:02

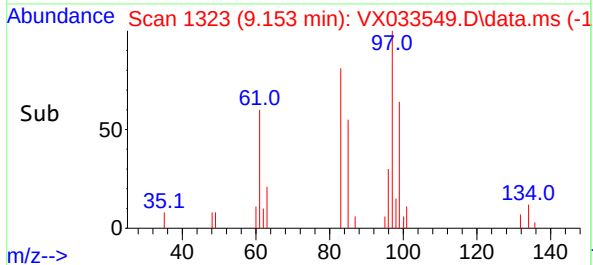
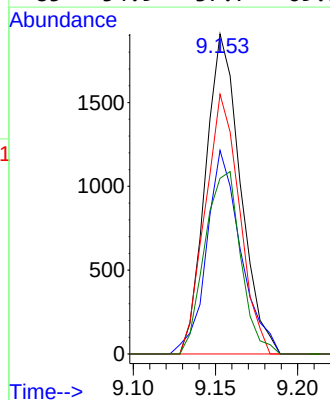
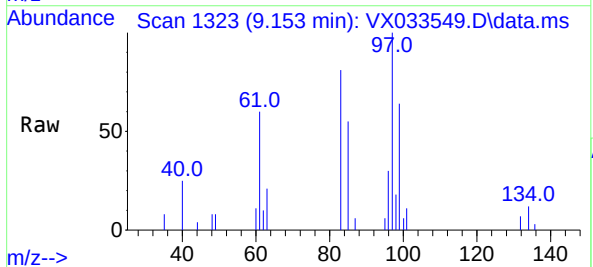
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT4-2022-07

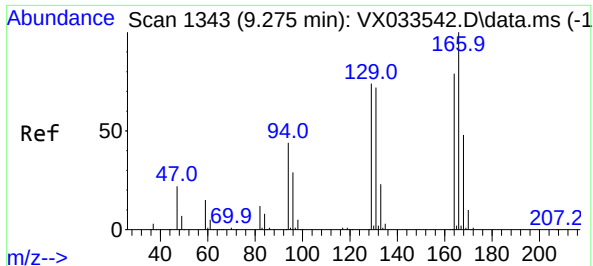
Tgt Ion: 75 Resp: 4332
Ion Ratio Lower Upper
75 100
77 29.0 22.8 42.4



#45
1,1,2-Trichloroethane
Concen: 1.947 ug/L
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX033549.D
Acq: 22 Dec 2022 17:02

Tgt Ion: 97 Resp: 2821
Ion Ratio Lower Upper
97 100
99 63.6 45.4 84.2
83 81.1 57.0 105.9
85 54.9 37.7 69.9



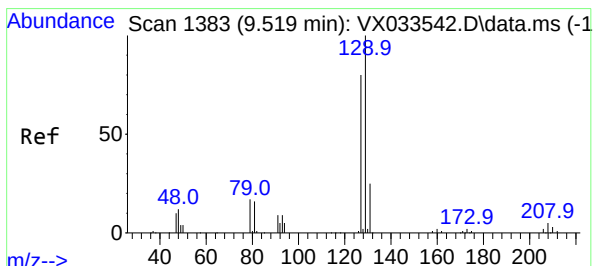
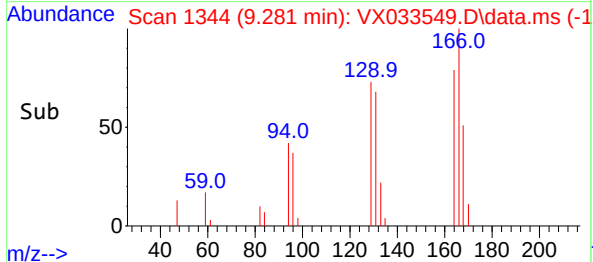
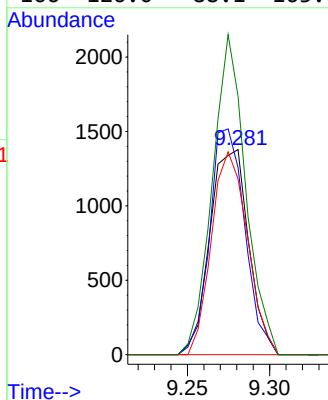
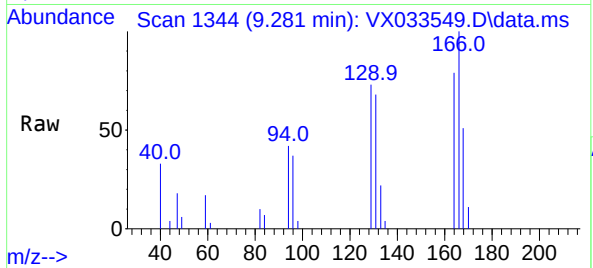


#46
Tetrachloroethene
Concen: 1.769 ug/L
RT: 9.281 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX033549.D
Acq: 22 Dec 2022 17:02

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT4-2022-07

Tgt Ion:164 Resp: 2260

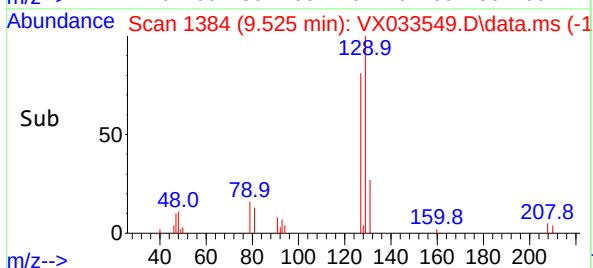
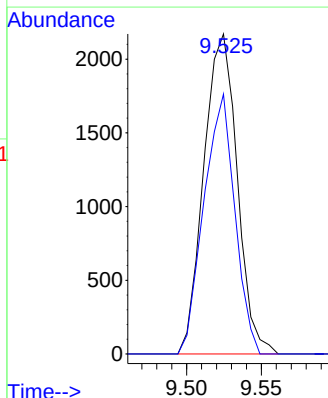
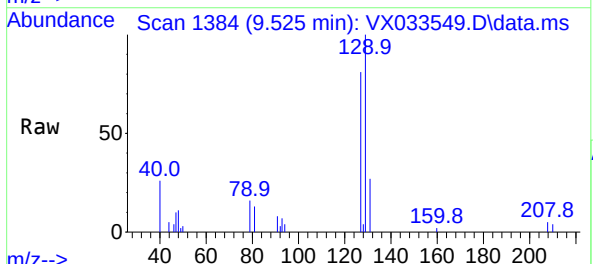
Ion	Ratio	Lower	Upper
164	100		
129	91.4	65.6	121.8
131	85.7	63.5	117.9
166	126.0	88.1	163.7

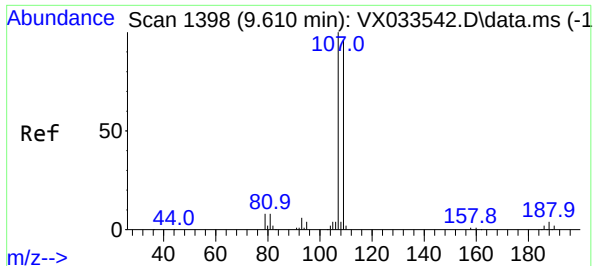


#49
Dibromochloromethane
Concen: 1.995 ug/L
RT: 9.525 min Scan# 1384
Delta R.T. 0.006 min
Lab File: VX033549.D
Acq: 22 Dec 2022 17:02

Tgt Ion:129 Resp: 3377

Ion	Ratio	Lower	Upper
129	100		
127	81.2	55.8	103.6

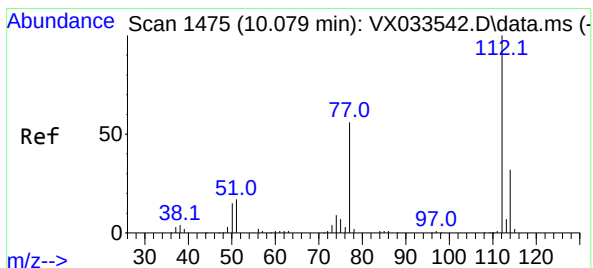
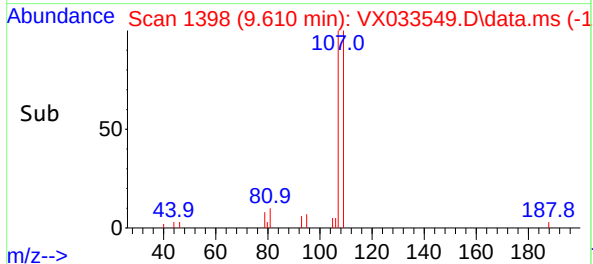
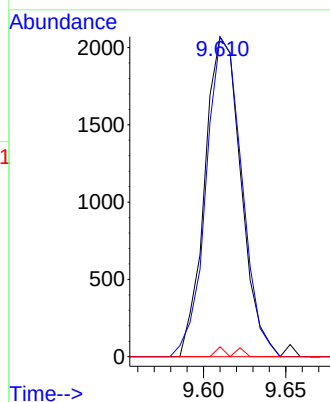
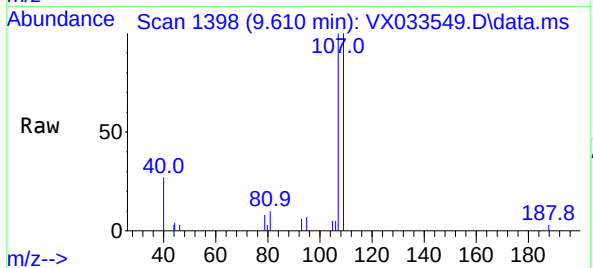




#50
1,2-Dibromoethane
Concen: 2.024 ug/L
RT: 9.610 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX033549.D
Acq: 22 Dec 2022 17:02

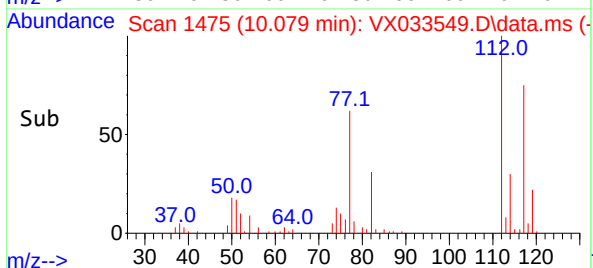
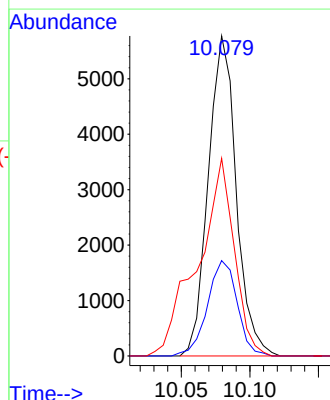
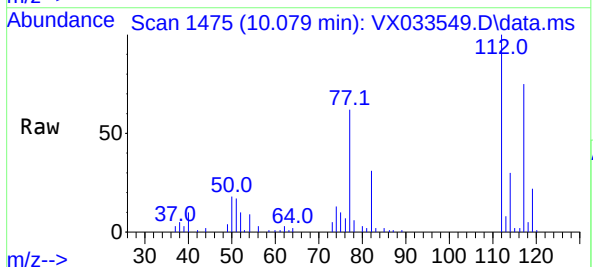
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT4-2022-07

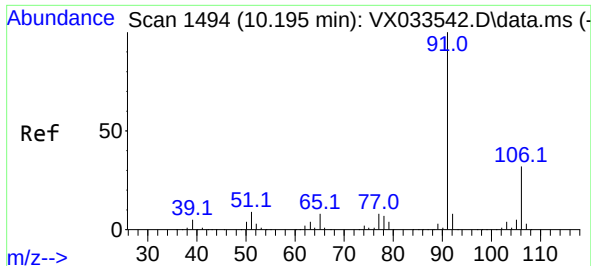
Tgt Ion:107	Resp:	3167
Ion	Ratio	Lower Upper
107	100	
109	99.8	67.5 125.3
188	3.1	3.0 4.4



#51
Chlorobenzene
Concen: 2.010 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX033549.D
Acq: 22 Dec 2022 17:02

Tgt Ion:112	Resp:	8184
Ion	Ratio	Lower Upper
112	100	
114	29.8	22.1 41.1
77	61.7	45.0 67.4

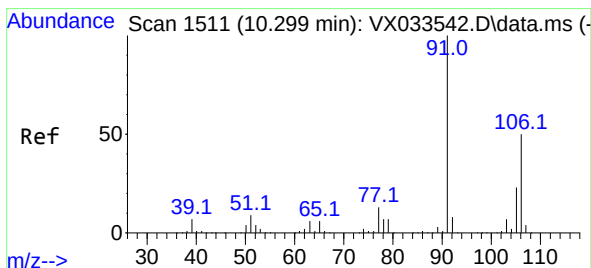
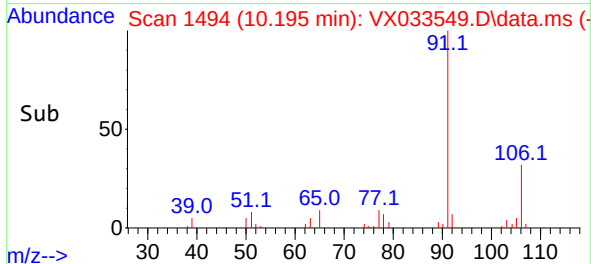
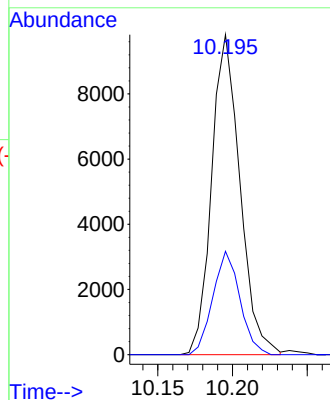
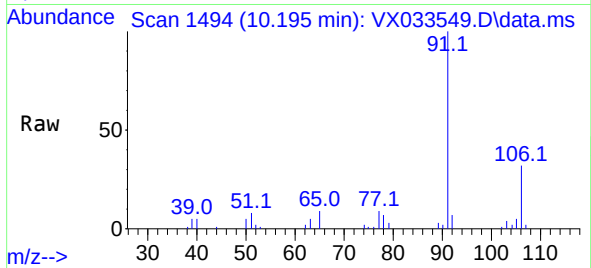




#52
Ethylbenzene
Concen: 1.922 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX033549.D
Acq: 22 Dec 2022 17:02

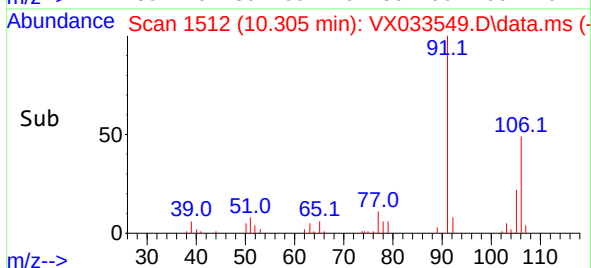
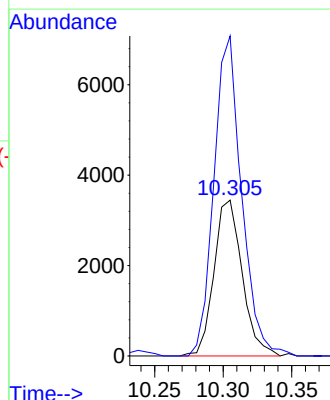
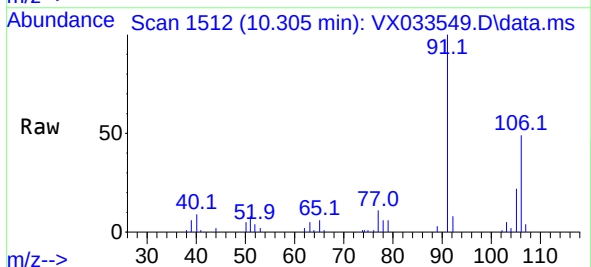
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT4-2022-07

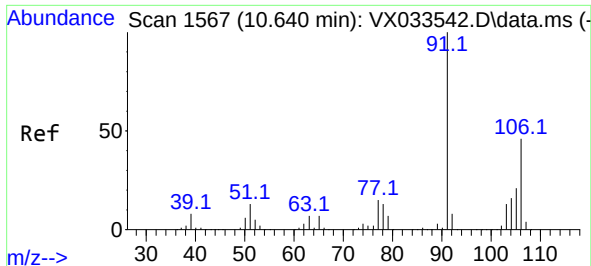
Tgt Ion: 91 Resp: 12919
Ion Ratio Lower Upper
91 100
106 32.3 22.5 41.7



#53
m,p-Xylene
Concen: 1.841 ug/L
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX033549.D
Acq: 22 Dec 2022 17:02

Tgt Ion: 106 Resp: 4937
Ion Ratio Lower Upper
106 100
91 205.4 140.4 260.8

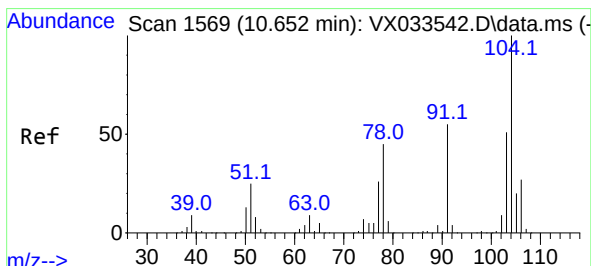
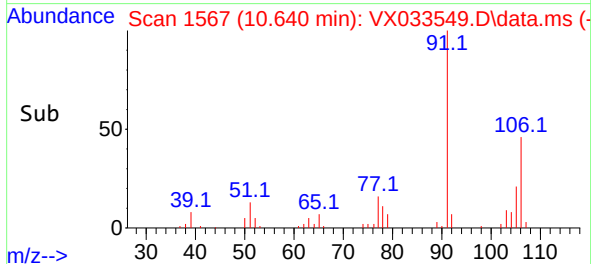
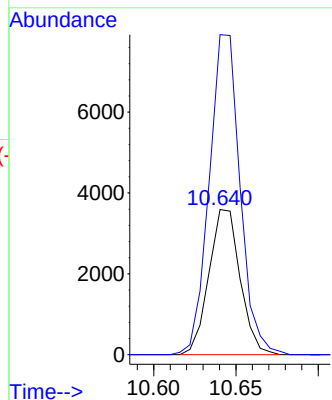
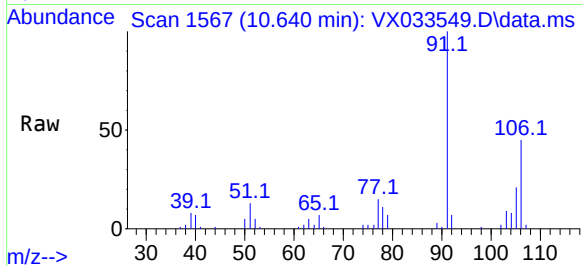




#54
o-Xylene
Concen: 1.810 ug/L
RT: 10.640 min Scan# 1570
Delta R.T. -0.000 min
Lab File: VX033549.D
Acq: 22 Dec 2022 17:02

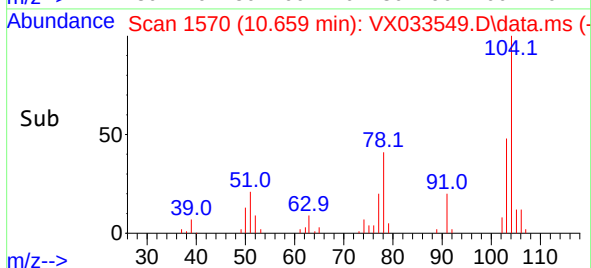
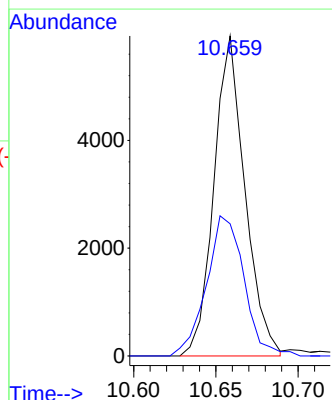
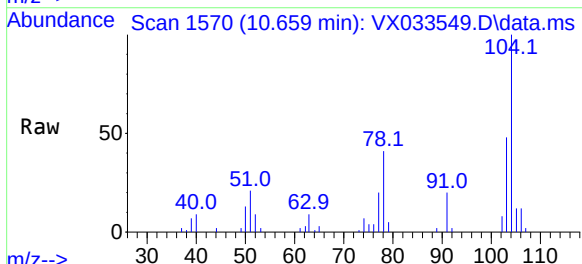
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-QT4-2022-07

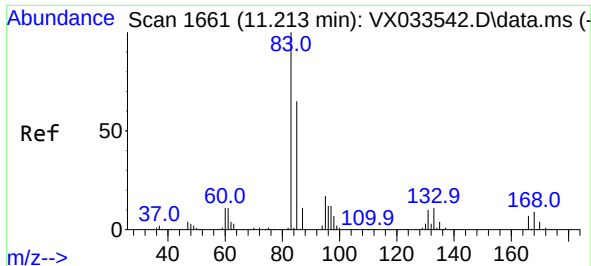
Tgt Ion:106 Resp: 4747
Ion Ratio Lower Upper
106 100
91 220.4 150.6 279.6



#55
Styrene
Concen: 1.761 ug/L
RT: 10.659 min Scan# 1570
Delta R.T. 0.006 min
Lab File: VX033549.D
Acq: 22 Dec 2022 17:02

Tgt Ion:104 Resp: 7785
Ion Ratio Lower Upper
104 100
78 41.3 31.7 58.9

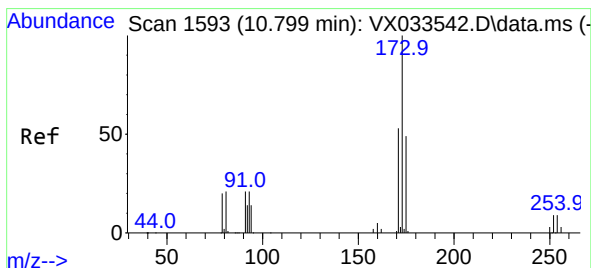
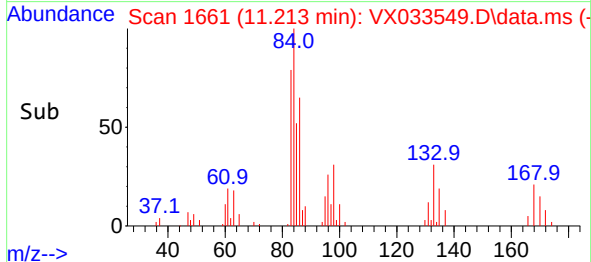
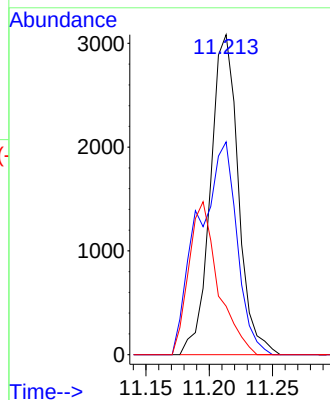
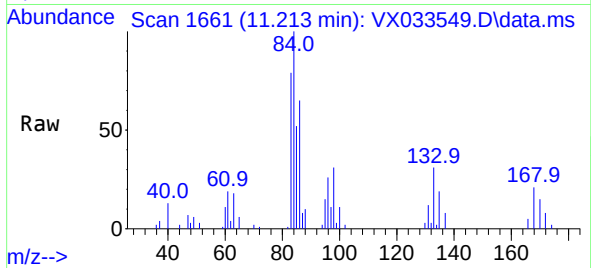




#57
1,1,2,2-Tetrachloroethane
Concen: 2.227 ug/L
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX033549.D
Acq: 22 Dec 2022 17:02

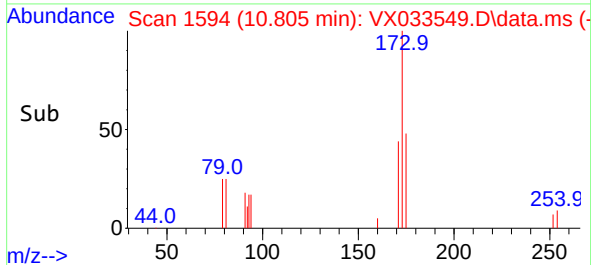
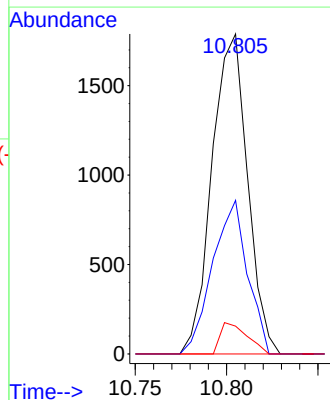
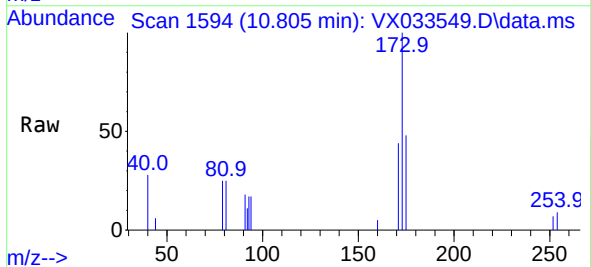
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-QT4-2022-07

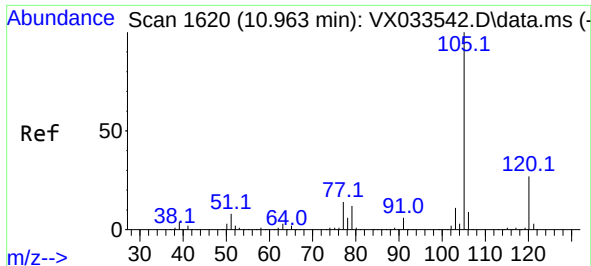
Tgt Ion: 83 Resp: 4720
Ion Ratio Lower Upper
83 100
85 66.5 45.6 84.8
131 15.1 8.4 12.6#



#59
Bromoform
Concen: 2.088 ug/L
RT: 10.805 min Scan# 1594
Delta R.T. 0.006 min
Lab File: VX033549.D
Acq: 22 Dec 2022 17:02

Tgt Ion:173 Resp: 2421
Ion Ratio Lower Upper
173 100
175 47.2 38.9 58.3
254 7.3 7.2 10.8

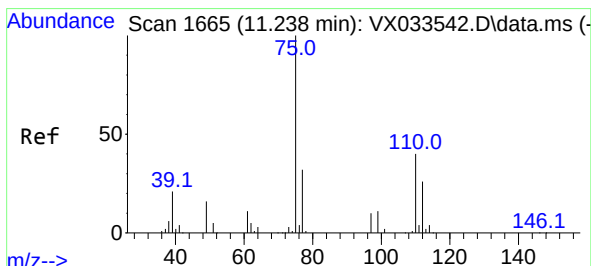
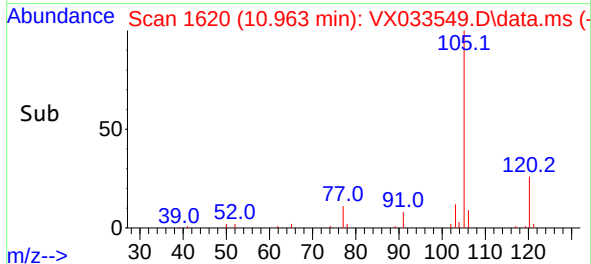
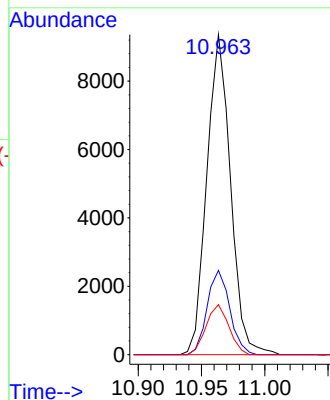
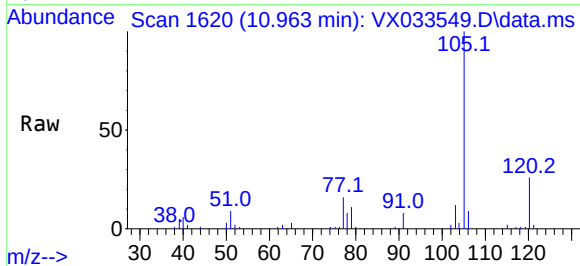




#60
Isopropylbenzene
Concen: 1.853 ug/L
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX033549.D
Acq: 22 Dec 2022 17:02

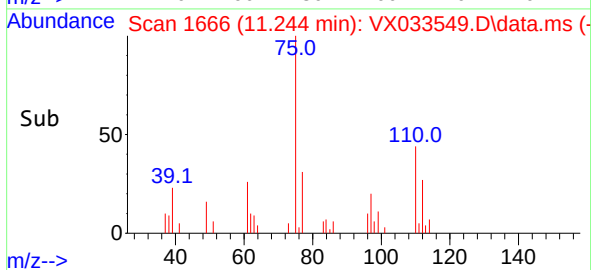
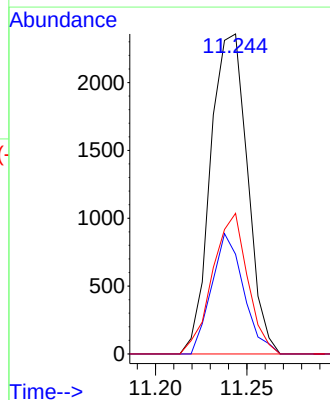
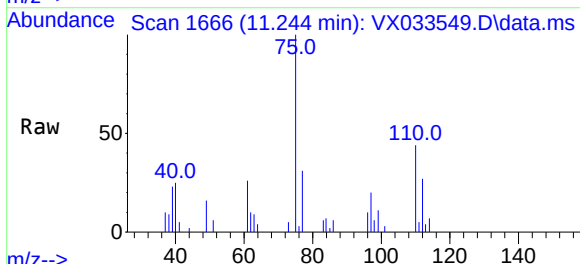
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT4-2022-07

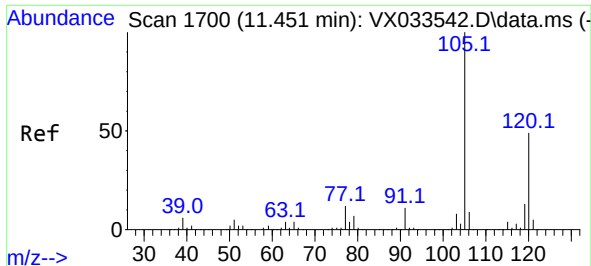
Tgt Ion:	105	Resp:	12198
Ion	Ratio	Lower	Upper
105	100		
120	25.1	21.6	32.4
77	15.1	11.7	17.5



#61
1,2,3-Trichloropropane
Concen: 2.112 ug/L
RT: 11.244 min Scan# 1666
Delta R.T. 0.006 min
Lab File: VX033549.D
Acq: 22 Dec 2022 17:02

Tgt Ion:	75	Resp:	3313
Ion	Ratio	Lower	Upper
75	100		
77	32.7	26.0	39.0
110	41.9	33.6	50.4

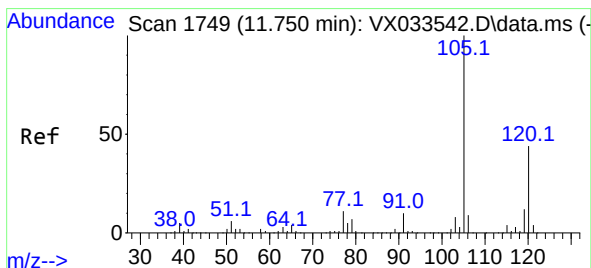
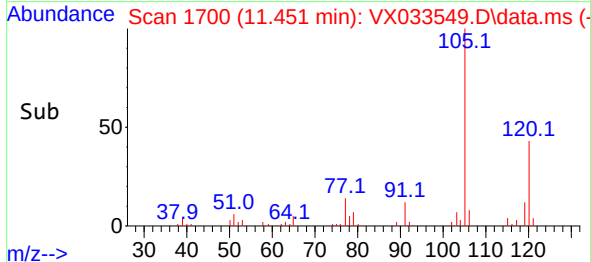
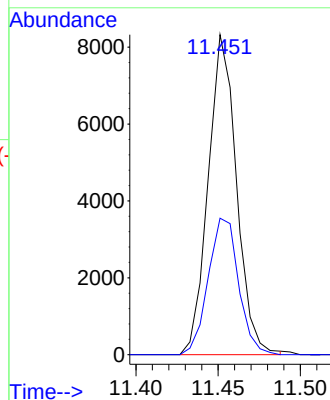
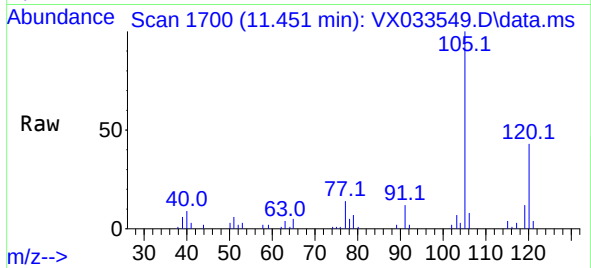




#62
1,3,5-Trimethylbenzene
Concen: 1.786 ug/L
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX033549.D
Acq: 22 Dec 2022 17:02

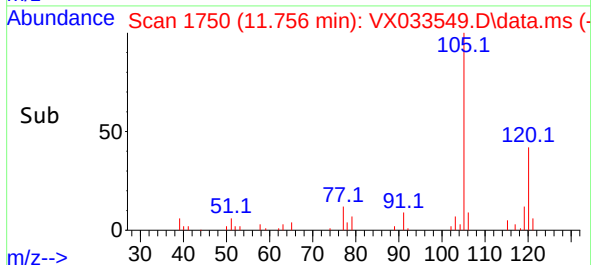
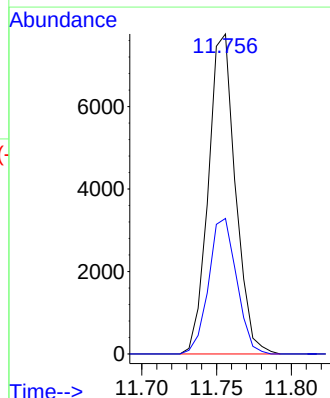
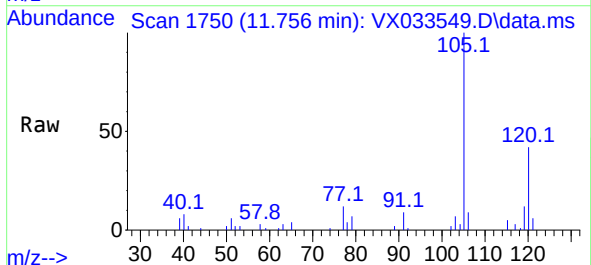
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT4-2022-07

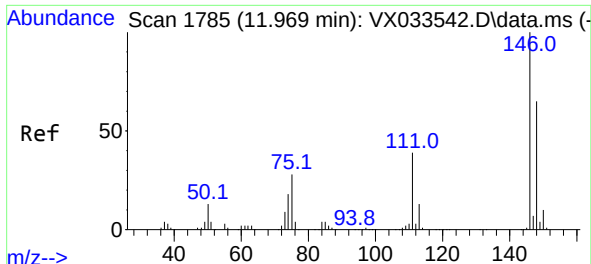
Tgt Ion:105 Resp: 9987
Ion Ratio Lower Upper
105 100
120 45.7 38.8 58.2



#63
1,2,4-Trimethylbenzene
Concen: 1.780 ug/L
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX033549.D
Acq: 22 Dec 2022 17:02

Tgt Ion:105 Resp: 9788
Ion Ratio Lower Upper
105 100
120 43.7 35.8 53.6

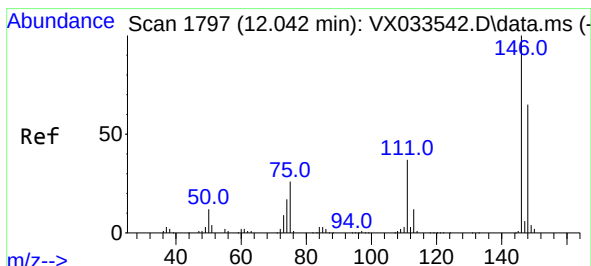
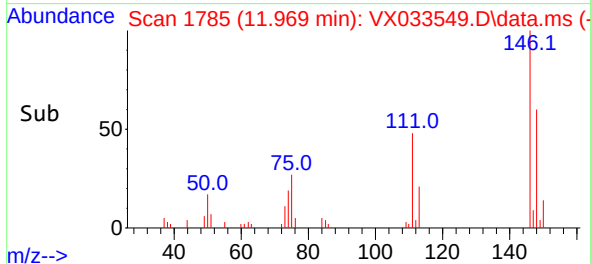
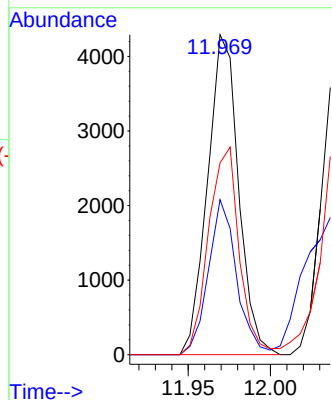
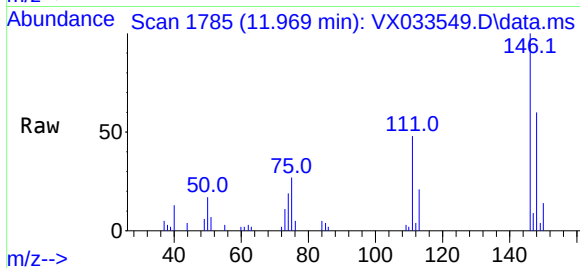




#64
1,3-Dichlorobenzene
Concen: 1.872 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX033549.D
Acq: 22 Dec 2022 17:02

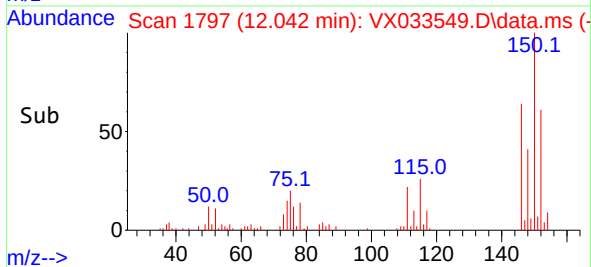
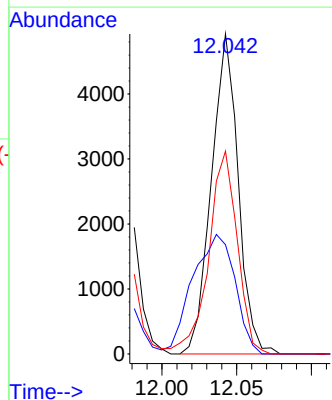
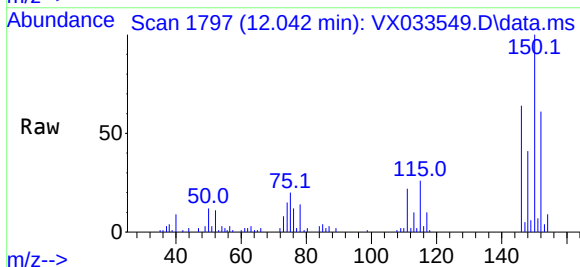
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT4-2022-07

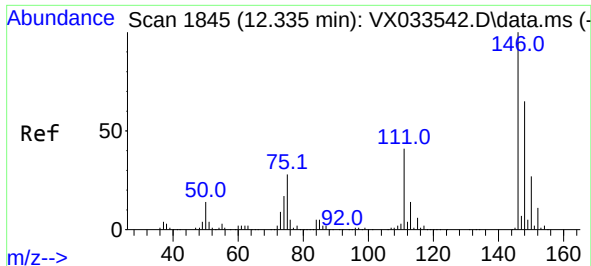
Tgt Ion:146 Resp: 5630
Ion Ratio Lower Upper
146 100
111 48.5 27.6 51.2
148 59.9 45.3 84.1



#65
1,4-Dichlorobenzene
Concen: 2.015 ug/L
RT: 12.042 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX033549.D
Acq: 22 Dec 2022 17:02

Tgt Ion:146 Resp: 6130
Ion Ratio Lower Upper
146 100
111 34.1 25.8 47.8
148 63.4 45.8 85.0





#67

1,2-Dichlorobenzene

Concen: 2.069 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX033549.D

Acq: 22 Dec 2022 17:02

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-QT4-2022-07

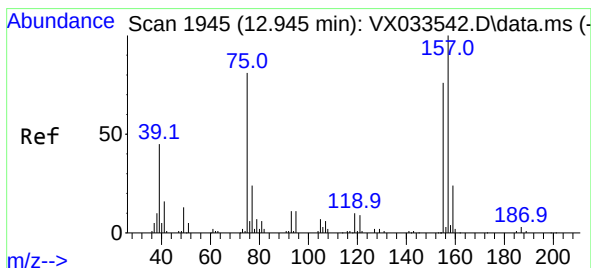
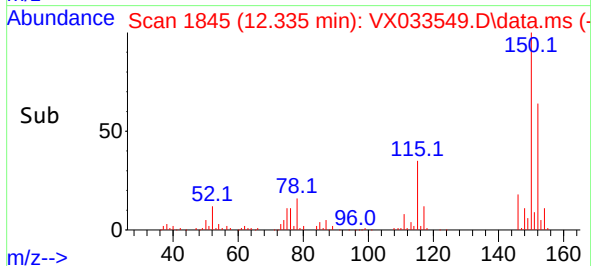
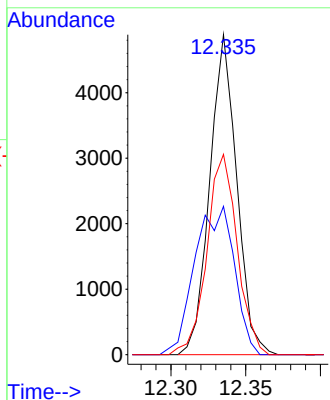
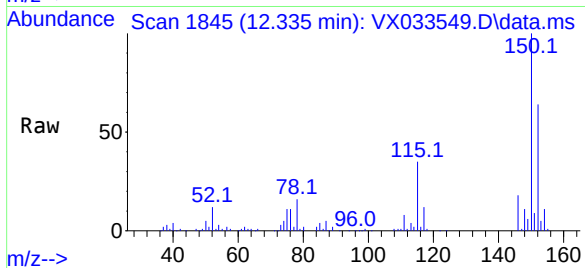
Tgt Ion:146 Resp: 6142

Ion Ratio Lower Upper

146 100

111 46.3 33.2 49.8

148 62.6 51.9 77.9



#68

1,2-Dibromo-3-chloropropane

Concen: 2.042 ug/L m

RT: 12.945 min Scan# 1945

Delta R.T. -0.000 min

Lab File: VX033549.D

Acq: 22 Dec 2022 17:02

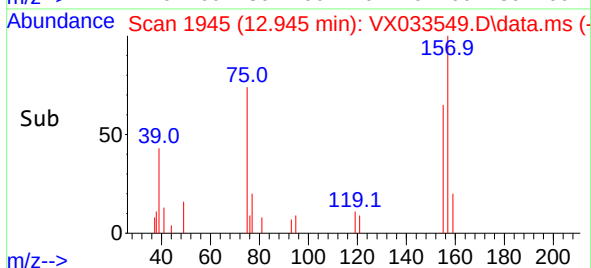
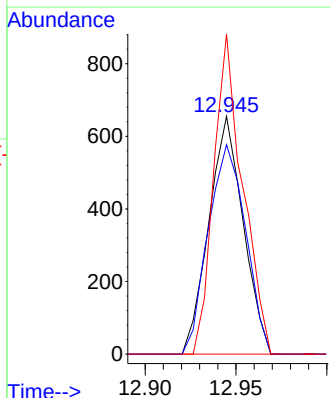
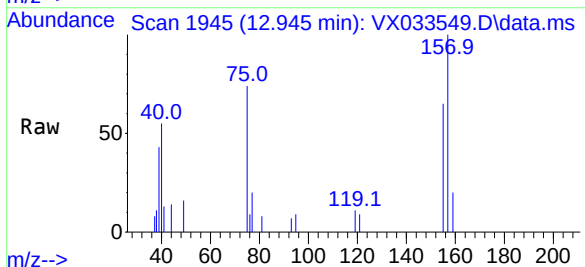
Tgt Ion: 75 Resp: 861

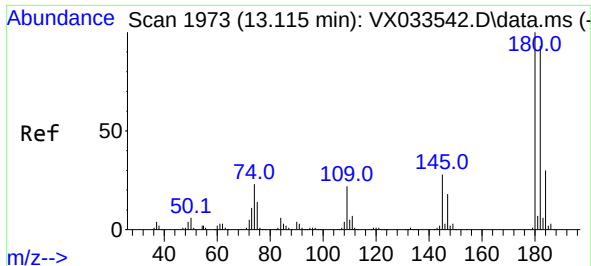
Ion Ratio Lower Upper

75 100

155 88.1 75.4 113.2

157 134.7 98.7 148.1





#69

1,3,5-Trichlorobenzene

Concen: 1.984 ug/L

RT: 13.115 min Scan# 1973

Delta R.T. -0.000 min

Lab File: VX033549.D

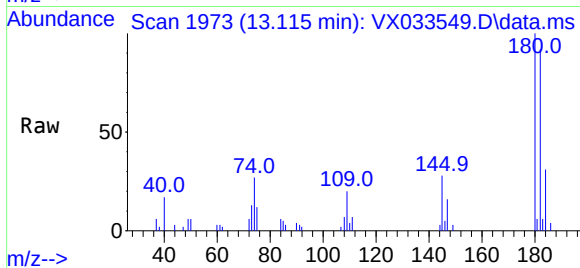
Acq: 22 Dec 2022 17:02

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-QT4-2022-07



Tgt Ion:180 Resp: 3992

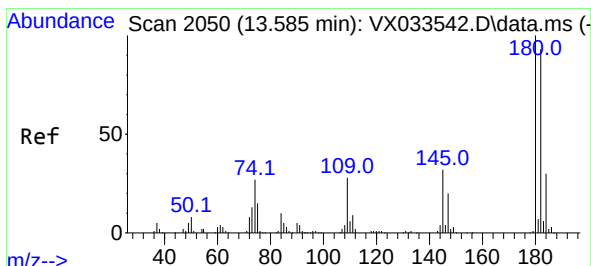
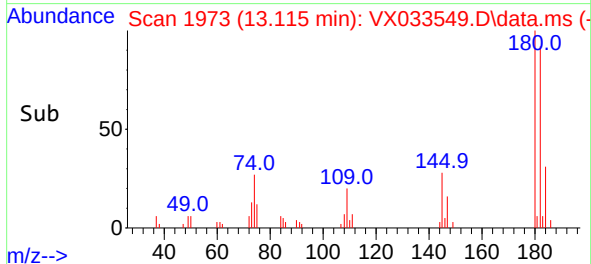
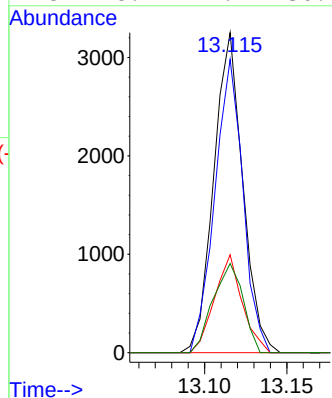
Ion Ratio Lower Upper

180 100

182 88.8 75.0 112.6

184 29.3 24.0 36.0

145 28.7 24.1 36.1



#70

1,2,4-trichlorobenzene

Concen: 1.750 ug/L

RT: 13.591 min Scan# 2051

Delta R.T. 0.006 min

Lab File: VX033549.D

Acq: 22 Dec 2022 17:02

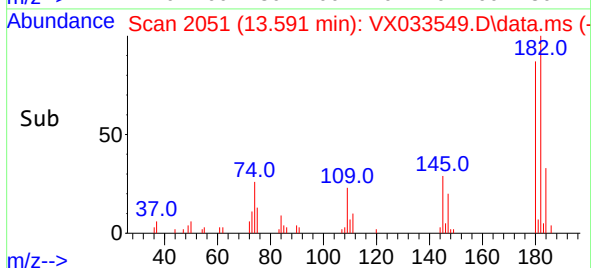
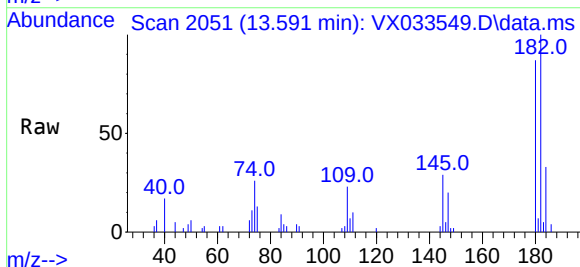
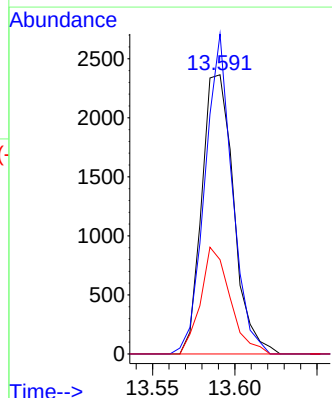
Tgt Ion:180 Resp: 3189

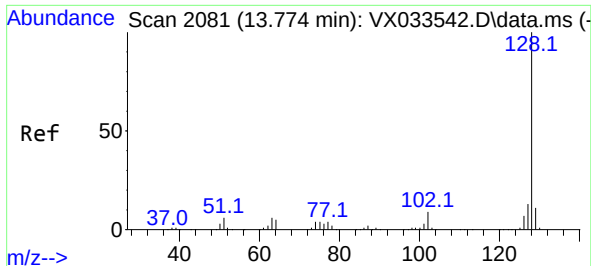
Ion Ratio Lower Upper

180 100

182 98.1 76.6 115.0

145 35.4 25.2 37.8

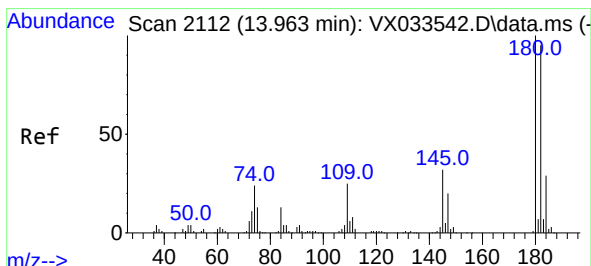
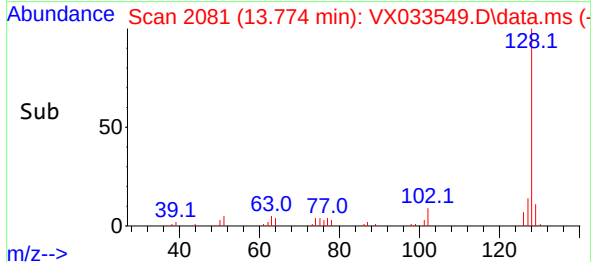
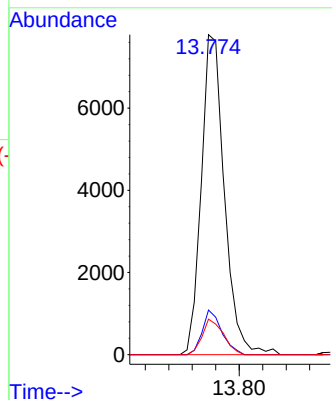
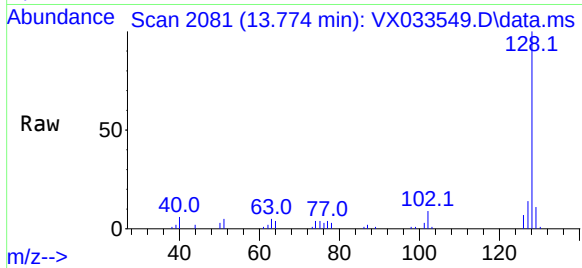




#71
Naphthalene
Concen: 1.788 ug/L
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX033549.D
Acq: 22 Dec 2022 17:02

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT4-2022-07

Tgt Ion:	128	Resp:	10647
Ion	Ratio	Lower	Upper
128	100		
127	11.8	10.3	15.5
129	10.2	8.6	13.0



#72
1,2,3-Trichlorobenzene
Concen: 1.966 ug/L
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX033549.D
Acq: 22 Dec 2022 17:02

Tgt Ion:	180	Resp:	3576
Ion	Ratio	Lower	Upper
180	100		
182	91.9	76.4	114.6
145	28.2	26.2	39.4

