

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122322\
 Data File : VX033556.D
 Acq On : 23 Dec 2022 11:39
 Operator : JC/MD
 Sample : N4519-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

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

Quant Time: Dec 24 01:04:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML122222WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Dec 24 00:26:44 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	213045	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	187907	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	86664	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	48180	42.513	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.020%
7) Chloroethane-d5	1.673	69	45203	51.001	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	102.000%
11) 1,1-Dichloroethene-d2	2.307	63	65828	36.381	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.760%
21) 2-Butanone-d5	4.459	46	86645	105.250	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.250%
24) Chloroform-d	5.062	84	132064	47.005	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.000%
26) 1,2-Dichloroethane-d4	5.958	65	88171	50.615	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.220%
32) Benzene-d6	5.977	84	253100	47.163	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.320%
36) 1,2-Dichloropropane-d6	7.312	67	76660	48.895	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.780%
41) Toluene-d8	8.647	98	241117	46.293	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.580%
43) trans-1,3-Dichloroprop...	8.952	79	34816	45.934	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.860%
47) 2-Hexanone-d5	9.385	63	65137	101.344	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.340%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	103377	48.086	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.180%
66) 1,2-Dichlorobenzene-d4	12.323	152	88133	49.024	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.040%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	1046	2.034	ug/L	99
3) Chloromethane	1.295	50	1304	2.020	ug/L	86
5) Vinyl chloride	1.374	62	1736	2.035	ug/L #	59
6) Bromomethane	1.618	94	1178	2.321	ug/L	94
8) Chloroethane	1.691	64	1365	2.405	ug/L	98
9) Trichlorofluoromethane	1.892	101	3009	2.131	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	2579	2.871	ug/L #	77
12) 1,1-Dichloroethene	2.319	96	2249	2.784	ug/L #	1
13) Acetone	2.392	43	2325	4.397	ug/L	96
14) Carbon disulfide	2.514	76	4186	1.703	ug/L	99
15) Methyl Acetate	2.709	43	2492	2.357	ug/L #	89
17) trans-1,2-Dichloroethene	3.093	96	2445	2.043	ug/L	97
18) Methyl tert-butyl Ether	3.117	73	8028	2.117	ug/L	98
19) 1,1-Dichloroethane	3.611	63	4470	2.152	ug/L	94
20) cis-1,2-Dichloroethene	4.489	96	2992	2.134	ug/L	98
22) 2-Butanone	4.574	43	4023	4.620	ug/L	87
23) Bromochloromethane	4.904	128	1560	2.078	ug/L	87
27) 1,2-Dichloroethane	6.093	62	4383	2.381	ug/L #	90
29) Cyclohexane	5.471	56	3561	1.939	ug/L #	94

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122322\
 Data File : VX033556.D
 Acq On : 23 Dec 2022 11:39
 Operator : JC/MD
 Sample : N4519-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

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

Quant Time: Dec 24 01:04:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML122222WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Dec 24 00:26:44 2022
 Response via : Initial Calibration

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

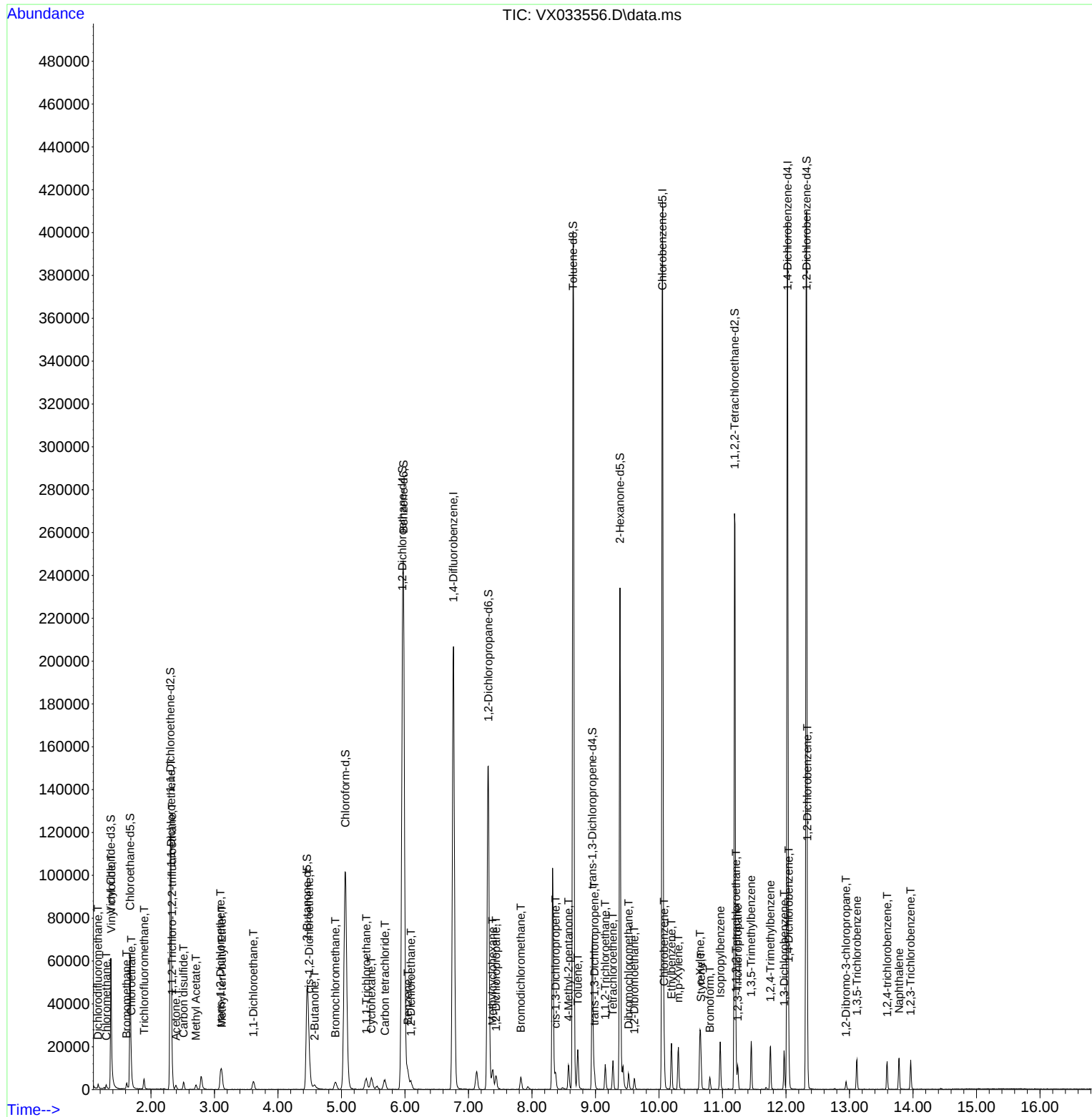
30) 1,1,1-Trichloroethane	5.391	97	4588	2.099	ug/L #	77
31) Carbon tetrachloride	5.684	117	4028	2.077	ug/L	97
33) Benzene	6.044	78	10728	2.148	ug/L	100
35) Methylcyclohexane	7.379	83	4346	2.130	ug/L	97
37) 1,2-Dichloropropane	7.434	63	2673	2.171	ug/L #	85
38) Bromodichloromethane	7.824	83	3814	2.099	ug/L	96
39) cis-1,3-Dichloropropene	8.373	75	4270	2.134	ug/L	90
40) 4-Methyl-2-pentanone	8.574	43	6796	4.456	ug/L	95
42) Toluene	8.720	91	12225	2.166	ug/L	97
44) trans-1,3-Dichloropropene	8.982	75	3725	1.983	ug/L	93
45) 1,1,2-Trichloroethane	9.153	97	2961	2.221	ug/L	93
46) Tetrachloroethene	9.275	164	2482	2.112	ug/L	94
49) Dibromochloromethane	9.519	129	3129	2.010	ug/L	90
50) 1,2-Dibromoethane	9.610	107	3042	2.114	ug/L #	91
51) Chlorobenzene	10.080	112	8199	2.189	ug/L	96
52) Ethylbenzene	10.195	91	12865	2.081	ug/L	98
53) m,p-Xylene	10.305	106	4917	1.994	ug/L	100
54) o-Xylene	10.647	106	4740	1.965	ug/L	95
55) Styrene	10.659	104	7829	1.926	ug/L	97
57) 1,1,2,2-Tetrachloroethane	11.214	83	4659	2.390	ug/L	98
59) Bromoform	10.799	173	2157	2.137	ug/L	96
60) Isopropylbenzene	10.964	105	11729	2.047	ug/L	97
61) 1,2,3-Trichloropropane	11.238	75	3494	2.560	ug/L	96
62) 1,3,5-Trimethylbenzene	11.451	105	9982	2.051	ug/L	97
63) 1,2,4-Trimethylbenzene	11.756	105	9551	1.996	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	5707	2.180	ug/L	88
65) 1,4-Dichlorobenzene	12.043	146	5910	2.232	ug/L	95
67) 1,2-Dichlorobenzene	12.335	146	5988	2.318	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.945	75	730m	1.989	ug/L	
69) 1,3,5-Trichlorobenzene	13.116	180	3660	2.090	ug/L	97
70) 1,2,4-trichlorobenzene	13.591	180	3327	2.097	ug/L	97
71) Naphthalene	13.780	128	9771	1.885	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	3323	2.099	ug/L	98

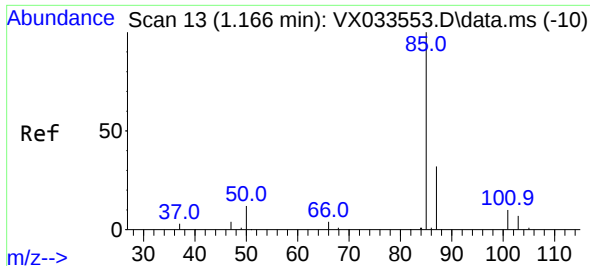
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122322\
Data File : VX033556.D
Acq On : 23 Dec 2022 11:39
Operator : JC/MD
Sample : N4519-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

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

Quant Time: Dec 24 01:04:11 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM12222WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Dec 24 00:26:44 2022
Response via : Initial Calibration

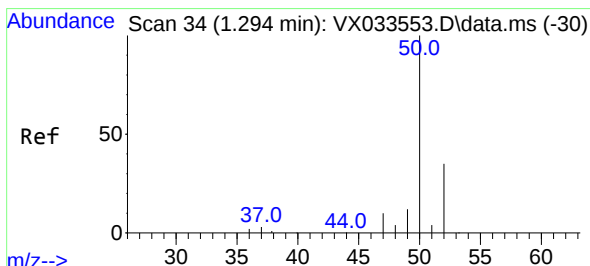
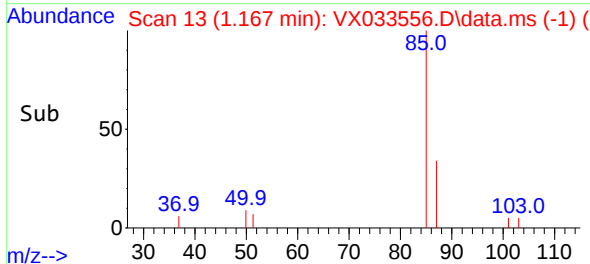
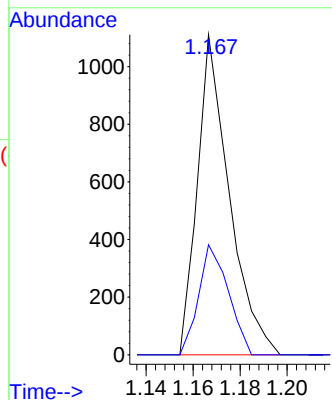
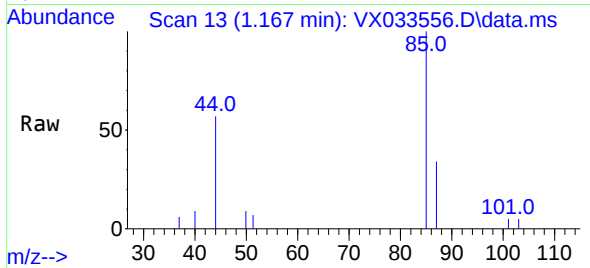




#2
Dichlorodifluoromethane
Concen: 2.034 ug/L
RT: 1.167 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX033556.D
Acq: 23 Dec 2022 11:39

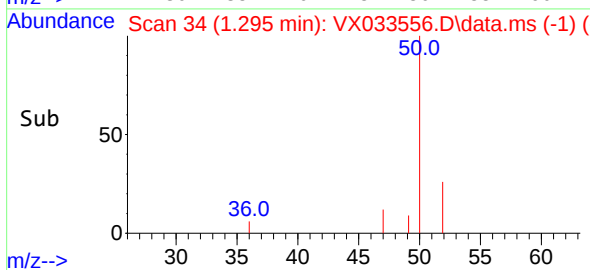
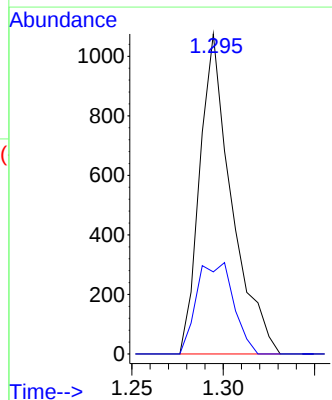
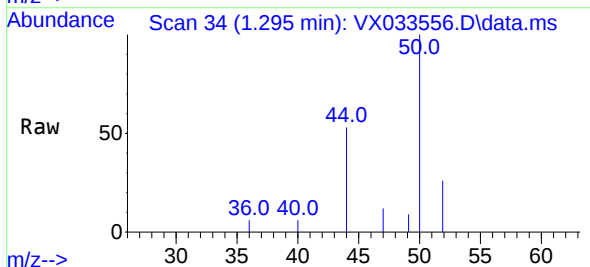
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT4-2022-08

Tgt Ion: 85 Resp: 1046
Ion Ratio Lower Upper
85 100
87 31.9 26.1 39.1

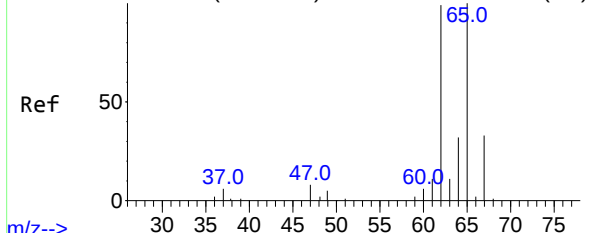


#3
Chloromethane
Concen: 2.020 ug/L
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX033556.D
Acq: 23 Dec 2022 11:39

Tgt Ion: 50 Resp: 1304
Ion Ratio Lower Upper
50 100
52 25.7 23.7 43.9



Abundance Scan 47 (1.373 min): VX033553.D\data.ms (-43)



#5

Vinyl chloride

Concen: 2.035 ug/L

RT: 1.374 min Scan# 41

Delta R.T. 0.000 min

Lab File: VX033556.D

Acq: 23 Dec 2022 11:39

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-QT4-2022-08

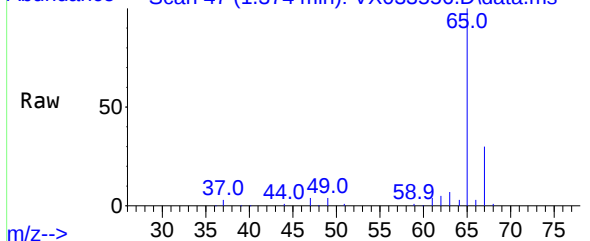
Tgt Ion: 62 Resp: 1736

Ion Ratio Lower Upper

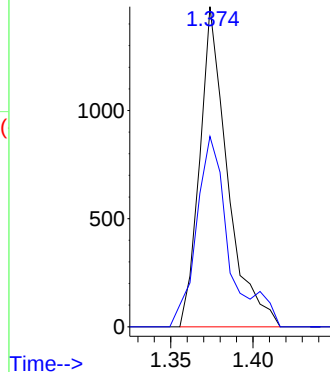
62 100

64 59.5 24.8 46.1#

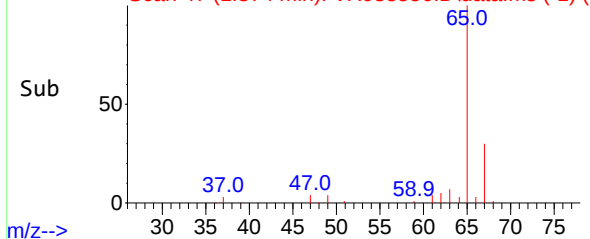
Abundance Scan 47 (1.374 min): VX033556.D\data.ms



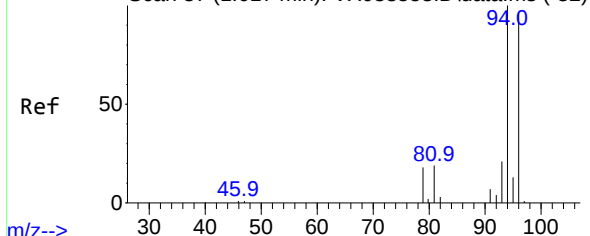
Abundance



Abundance Scan 47 (1.374 min): VX033556.D\data.ms (-1)



Abundance Scan 87 (1.617 min): VX033553.D\data.ms (-82)



#6

Bromomethane

Concen: 2.321 ug/L

RT: 1.618 min Scan# 87

Delta R.T. 0.000 min

Lab File: VX033556.D

Acq: 23 Dec 2022 11:39

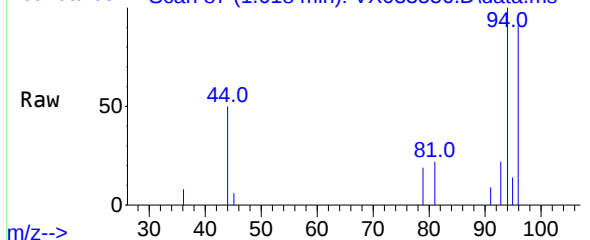
Tgt Ion: 94 Resp: 1178

Ion Ratio Lower Upper

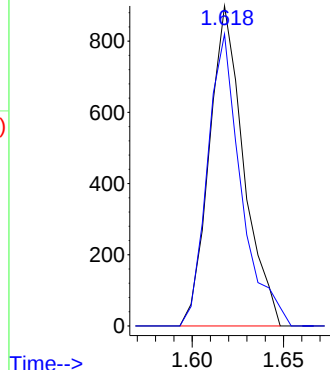
94 100

96 91.2 68.0 126.2

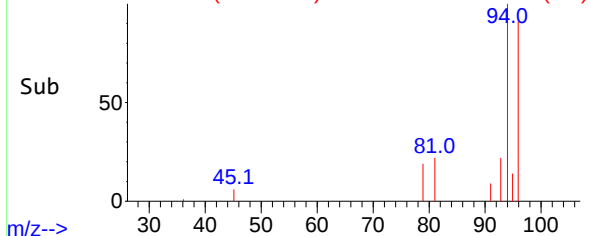
Abundance Scan 87 (1.618 min): VX033556.D\data.ms



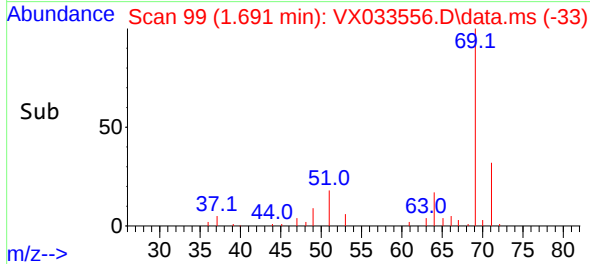
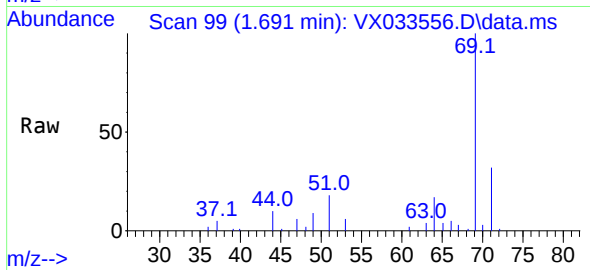
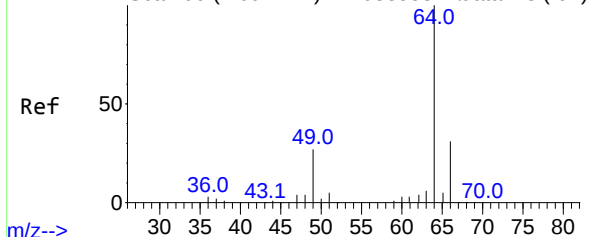
Abundance



Abundance Scan 87 (1.618 min): VX033556.D\data.ms (-38)



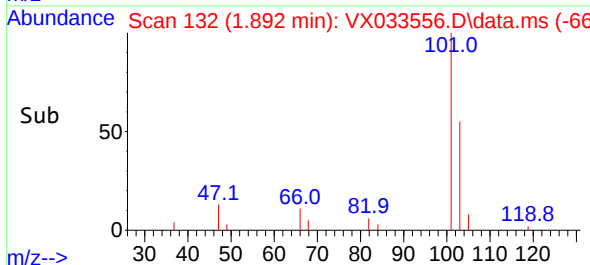
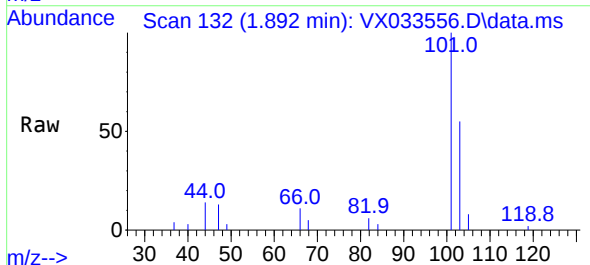
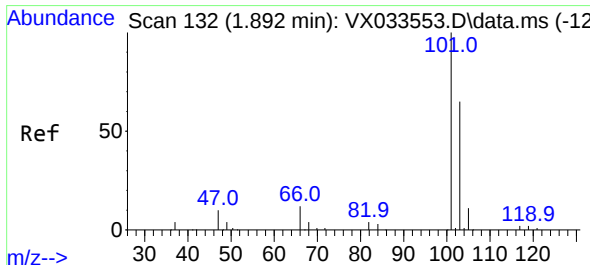
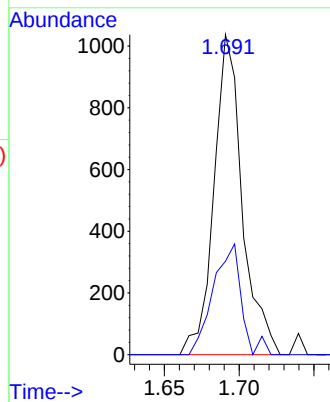
Abundance Scan 99 (1.691 min): VX033553.D\data.ms (-94)



#8
Chloroethane
Concen: 2.405 ug/L
RT: 1.691 min Scan# 99
Delta R.T. 0.000 min
Lab File: VX033556.D
Acq: 23 Dec 2022 11:39

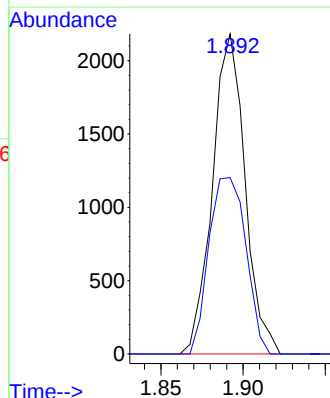
Tgt Ion	Ratio	Lower	Upper
64	100		
66	29.2	21.3	39.6

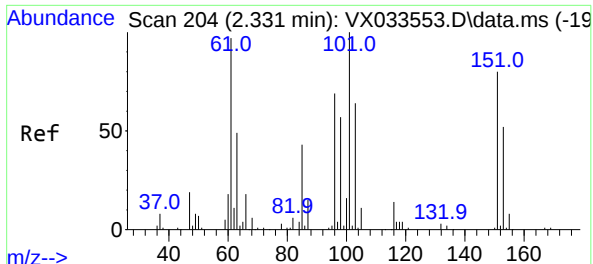
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-QT4-2022-08



#9
Trichlorofluoromethane
Concen: 2.131 ug/L
RT: 1.892 min Scan# 132
Delta R.T. 0.000 min
Lab File: VX033556.D
Acq: 23 Dec 2022 11:39

Tgt Ion	Ratio	Lower	Upper
101	100		
103	62.7	51.8	77.6



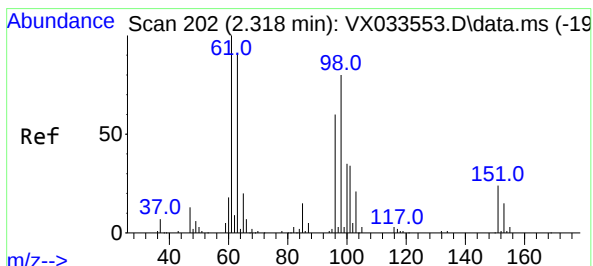
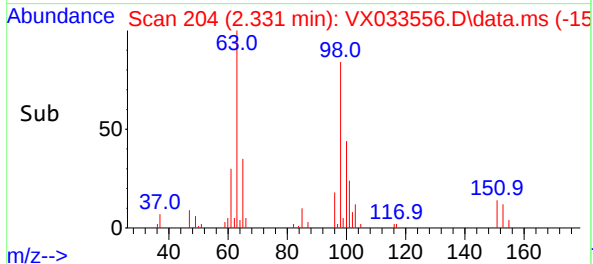
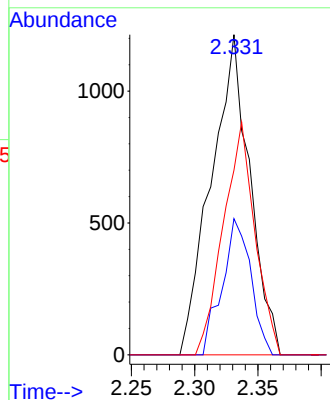
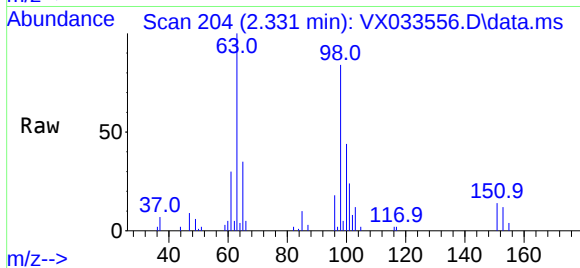


#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 2.871 ug/L
 RT: 2.331 min Scan# 204
 Delta R.T. 0.000 min
 Lab File: VX033556.D
 Acq: 23 Dec 2022 11:39

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

Tgt Ion: 101 Resp: 2579

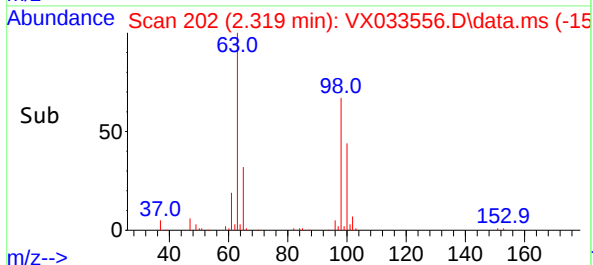
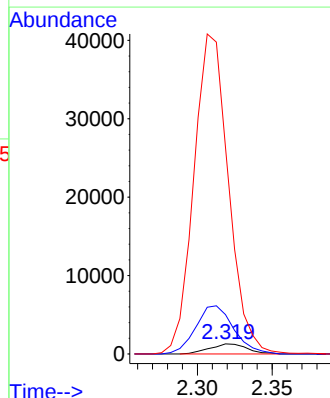
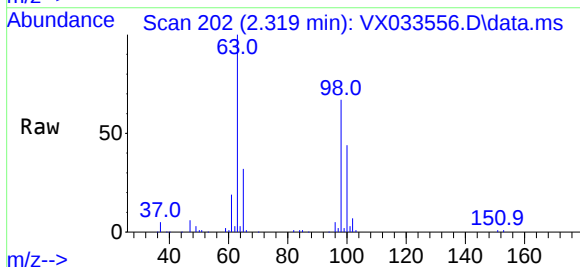
Ion	Ratio	Lower	Upper
101	100		
85	31.4	35.0	52.6#
151	59.4	65.7	98.5#

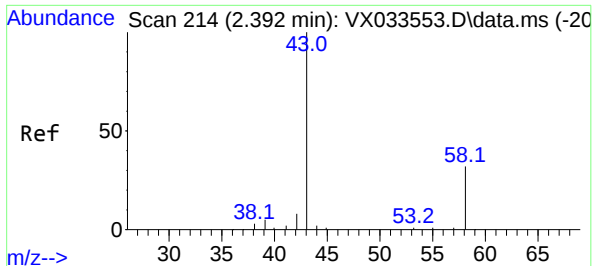


#12
 1,1-Dichloroethene
 Concen: 2.784 ug/L
 RT: 2.319 min Scan# 202
 Delta R.T. 0.000 min
 Lab File: VX033556.D
 Acq: 23 Dec 2022 11:39

Tgt Ion: 96 Resp: 2249

Ion	Ratio	Lower	Upper
96	100		
61	391.2	111.6	207.2#
63	2053.6	108.6	201.6#





#13

Acetone

Concen: 4.397 ug/L

RT: 2.392 min Scan# 214

Delta R.T. 0.000 min

Lab File: VX033556.D

Acq: 23 Dec 2022 11:39

Instrument :

MSVOA_X

ClientSampleId :

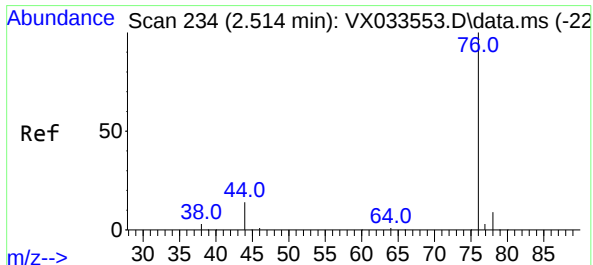
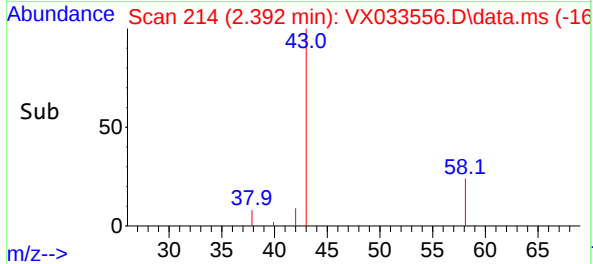
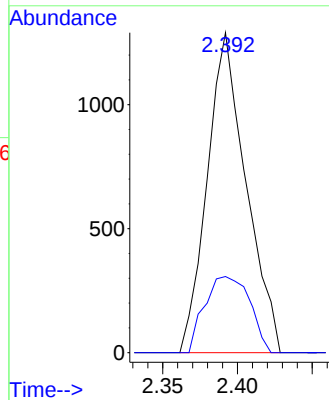
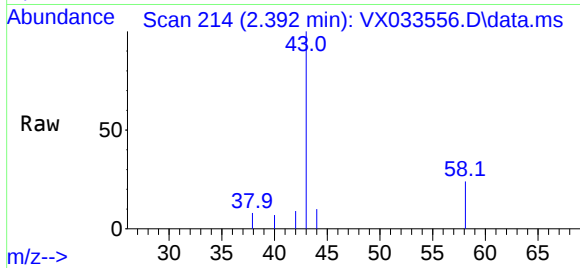
MDL-WATER-QT4-2022-08

Tgt Ion: 43 Resp: 2325

Ion Ratio Lower Upper

43 100

58 27.7 0.0 60.0



#14

Carbon disulfide

Concen: 1.703 ug/L

RT: 2.514 min Scan# 234

Delta R.T. 0.000 min

Lab File: VX033556.D

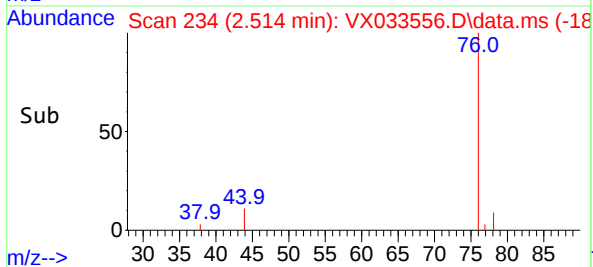
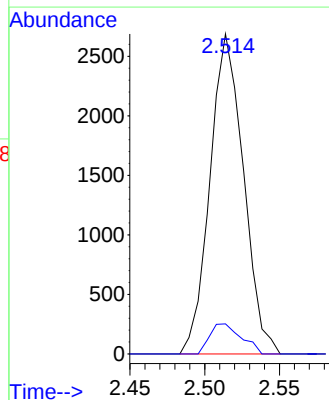
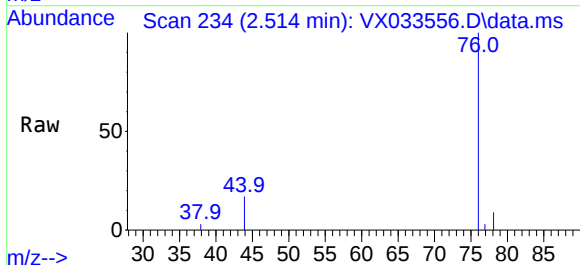
Acq: 23 Dec 2022 11:39

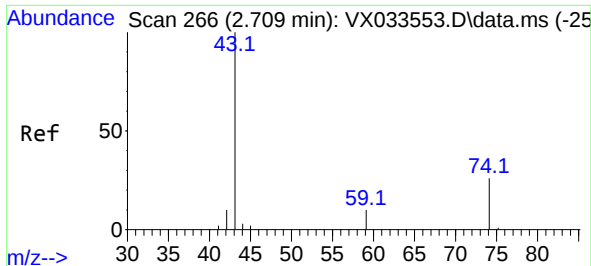
Tgt Ion: 76 Resp: 4186

Ion Ratio Lower Upper

76 100

78 9.4 7.4 11.0

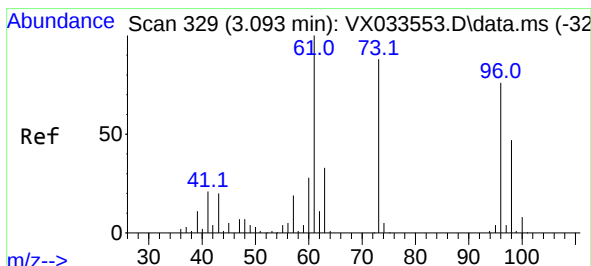
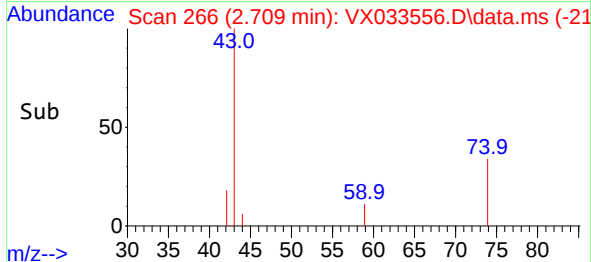
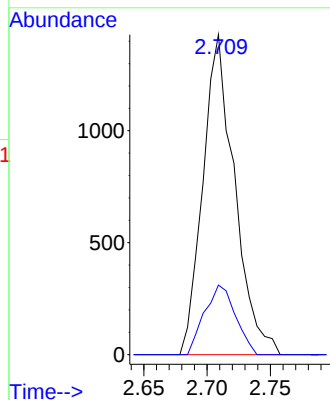
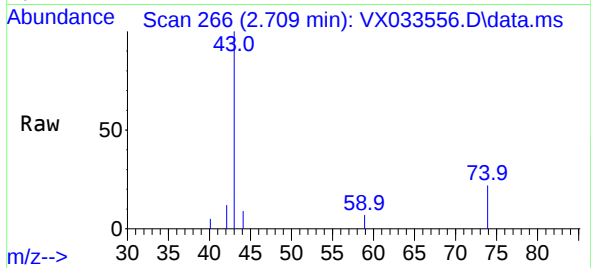




#15
Methyl Acetate
Concen: 2.357 ug/L
RT: 2.709 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX033556.D
Acq: 23 Dec 2022 11:39

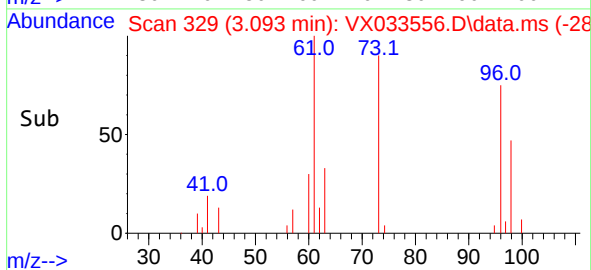
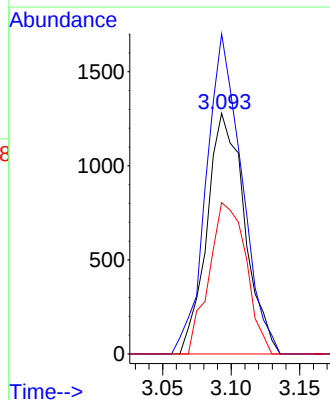
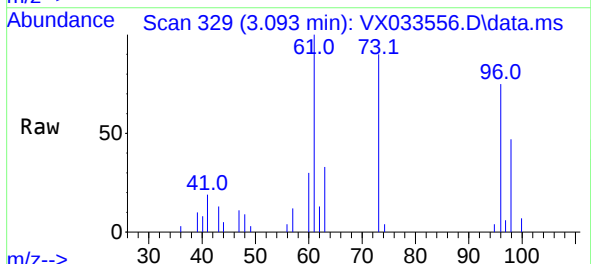
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT4-2022-08

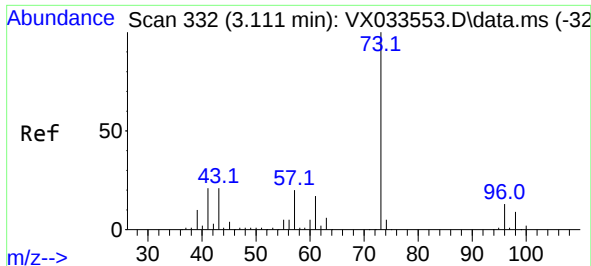
Tgt Ion: 43 Resp: 2492
Ion Ratio Lower Upper
43 100
74 21.3 21.4 32.0#



#17
trans-1,2-Dichloroethene
Concen: 2.043 ug/L
RT: 3.093 min Scan# 329
Delta R.T. 0.000 min
Lab File: VX033556.D
Acq: 23 Dec 2022 11:39

Tgt Ion: 96 Resp: 2445
Ion Ratio Lower Upper
96 100
61 133.0 90.6 168.2
98 62.9 45.1 83.9

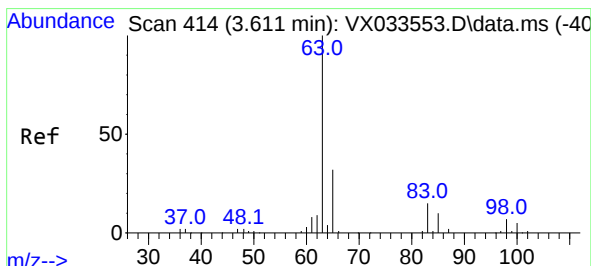
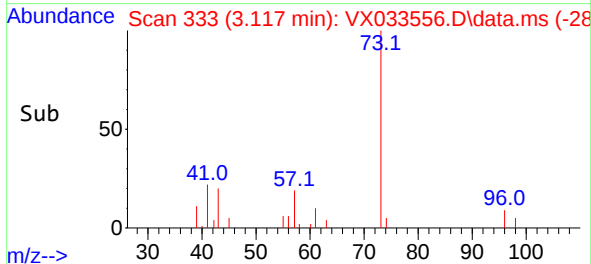
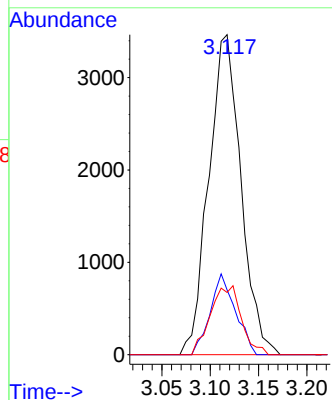
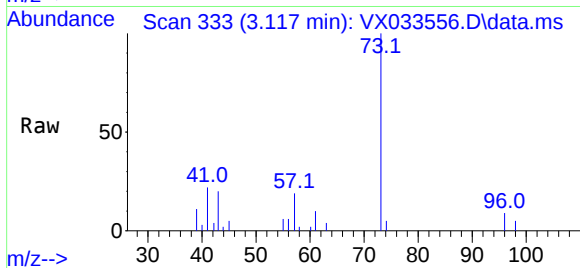




#18
Methyl tert-butyl Ether
Concen: 2.117 ug/L
RT: 3.117 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX033556.D
Acq: 23 Dec 2022 11:39

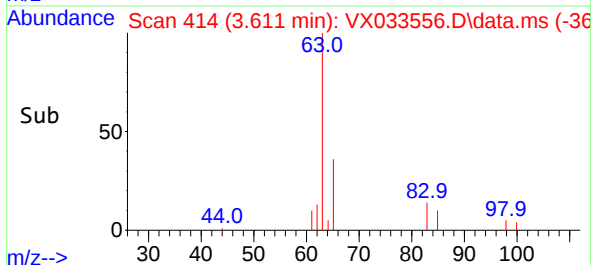
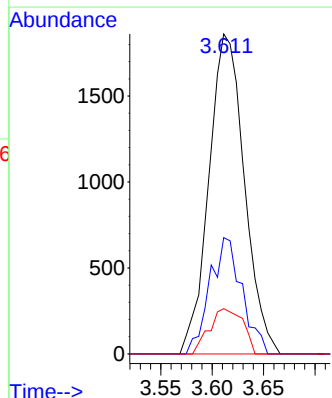
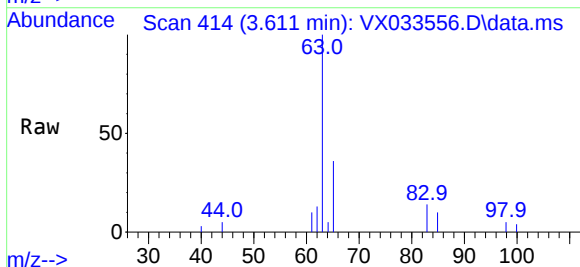
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT4-2022-08

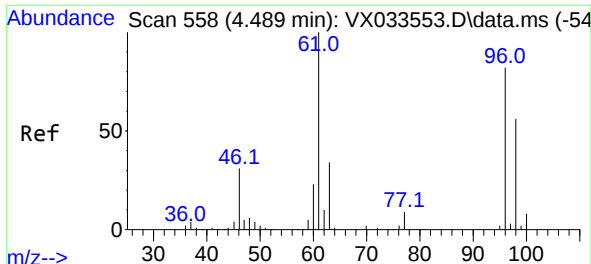
Tgt Ion: 73	Resp: 8028		
Ion Ratio	Lower	Upper	
73	100		
43	19.8	14.7	22.1
57	20.7	16.4	24.6



#19
1,1-Dichloroethane
Concen: 2.152 ug/L
RT: 3.611 min Scan# 414
Delta R.T. 0.000 min
Lab File: VX033556.D
Acq: 23 Dec 2022 11:39

Tgt Ion: 63	Resp: 4470
Ion Ratio	Lower Upper
63 100	
65 36.3	21.8 40.6
83 14.1	9.9 18.5

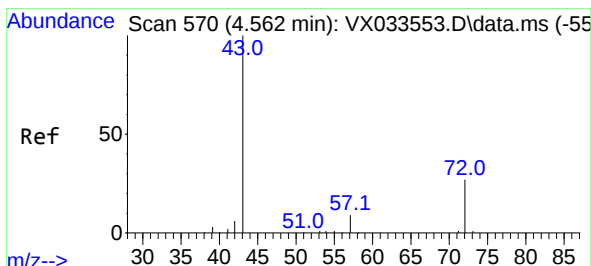
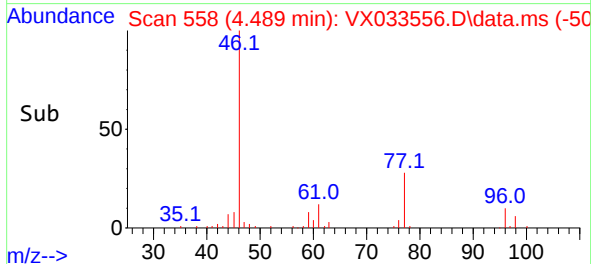
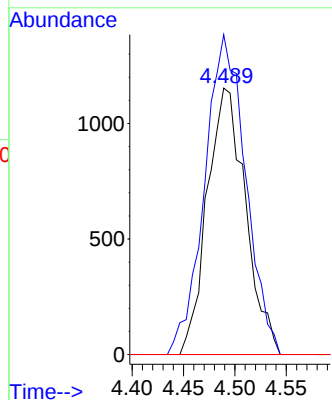
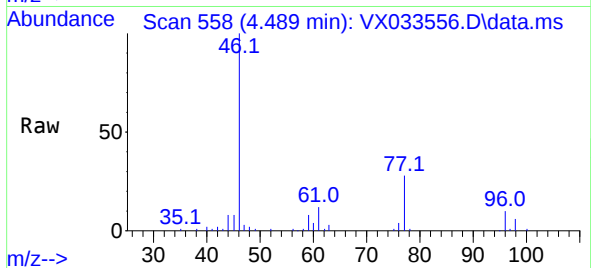




#20
cis-1,2-Dichloroethene
Concen: 2.134 ug/L
RT: 4.489 min Scan# 51
Delta R.T. 0.000 min
Lab File: VX033556.D
Acq: 23 Dec 2022 11:39

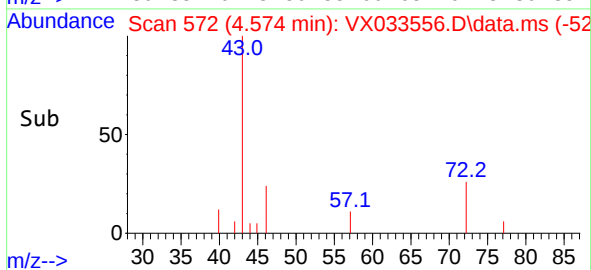
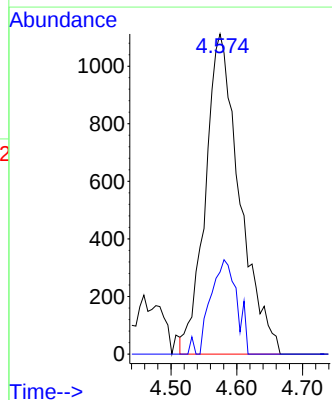
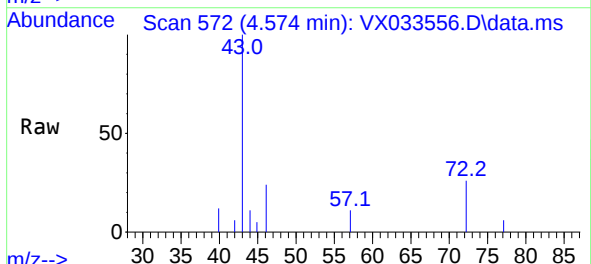
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT4-2022-08

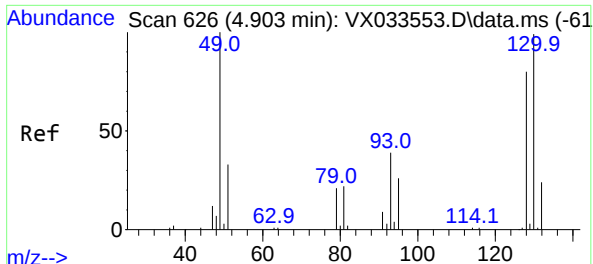
Tgt Ion: 96 Resp: 2992
Ion Ratio Lower Upper
96 100
61 120.0 82.7 153.7
68 0.0 0.0 0.0



#22
2-Butanone
Concen: 4.620 ug/L
RT: 4.574 min Scan# 572
Delta R.T. 0.013 min
Lab File: VX033556.D
Acq: 23 Dec 2022 11:39

Tgt Ion: 43 Resp: 4023
Ion Ratio Lower Upper
43 100
72 22.1 14.6 44.0



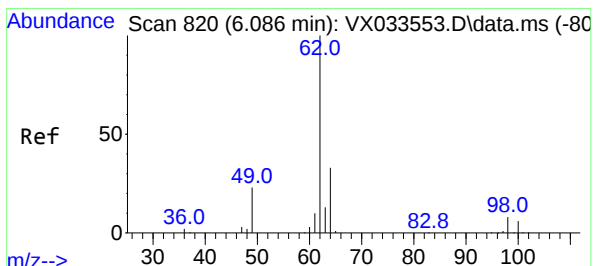
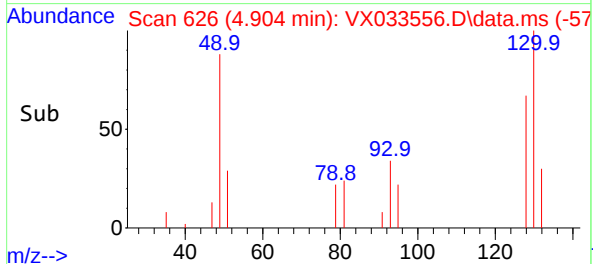
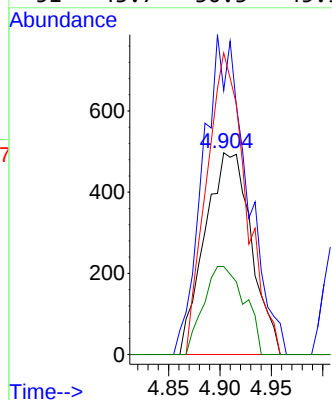
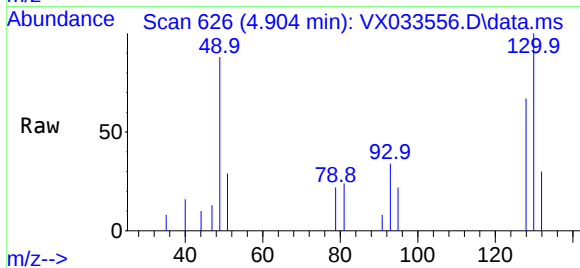


#23
Bromochloromethane
Concen: 2.078 ug/L
RT: 4.904 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX033556.D
Acq: 23 Dec 2022 11:39

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

Tgt Ion:128 Resp: 1560

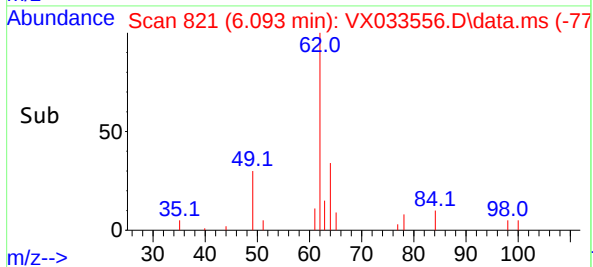
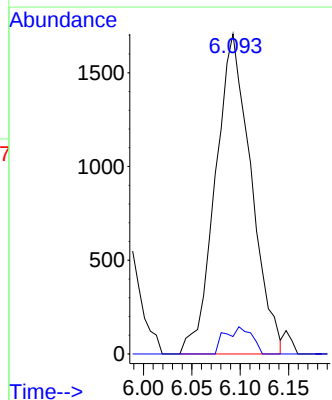
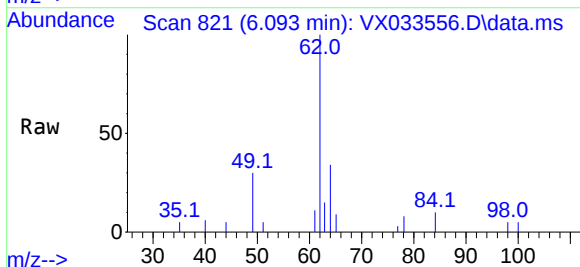
Ion	Ratio	Lower	Upper
128	100		
49	131.0	89.2	165.8
130	149.5	85.8	159.3
51	43.7	30.3	45.5

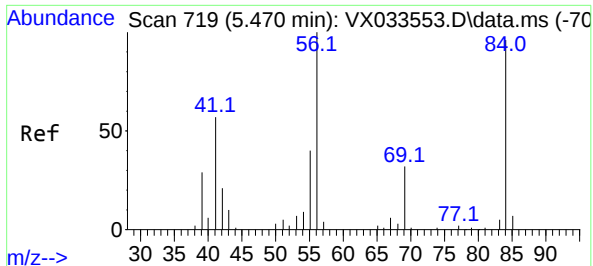


#27
1,2-Dichloroethane
Concen: 2.381 ug/L
RT: 6.093 min Scan# 821
Delta R.T. 0.006 min
Lab File: VX033556.D
Acq: 23 Dec 2022 11:39

Tgt Ion: 62 Resp: 4383

Ion	Ratio	Lower	Upper
62	100		
98	5.4	7.4	11.0#

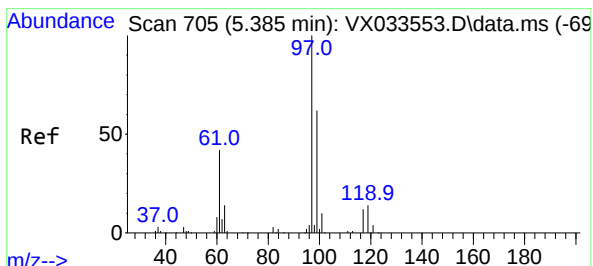
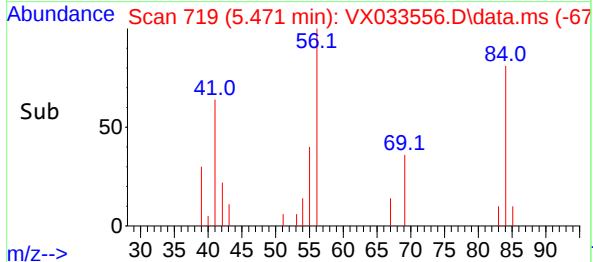
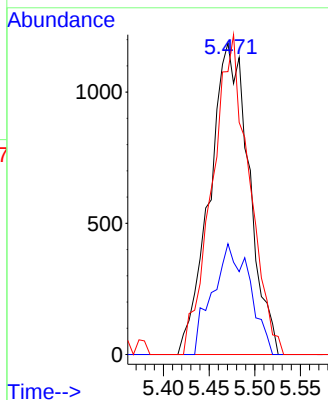
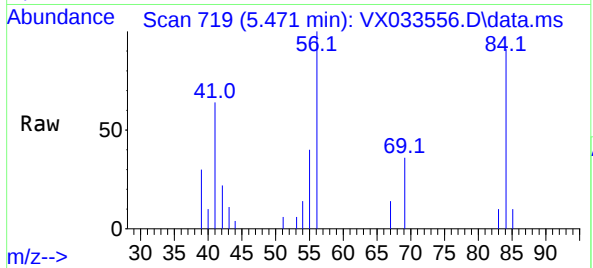




#29
Cyclohexane
Concen: 1.939 ug/L
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX033556.D
Acq: 23 Dec 2022 11:39

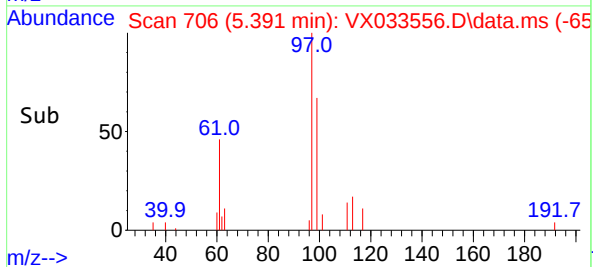
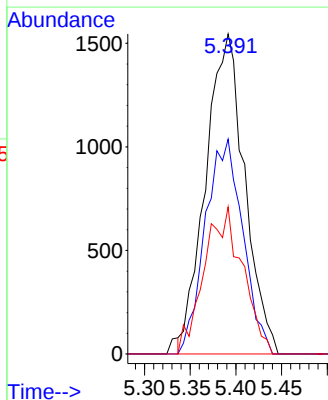
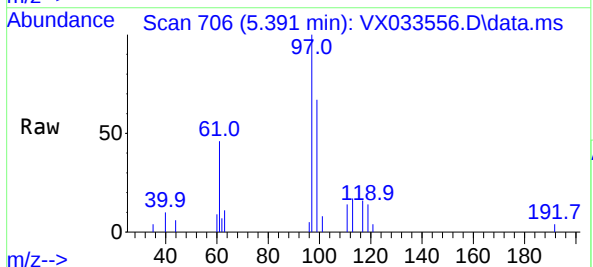
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT4-2022-08

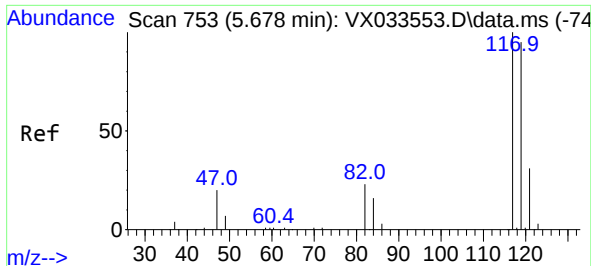
Tgt Ion: 56 Resp: 3561
Ion Ratio Lower Upper
56 100
69 23.2 26.3 39.5#
84 96.1 75.6 113.4



#30
1,1,1-Trichloroethane
Concen: 2.099 ug/L
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX033556.D
Acq: 23 Dec 2022 11:39

Tgt Ion: 97 Resp: 4588
Ion Ratio Lower Upper
97 100
99 64.5 51.3 76.9
61 3.5 32.4 48.6#

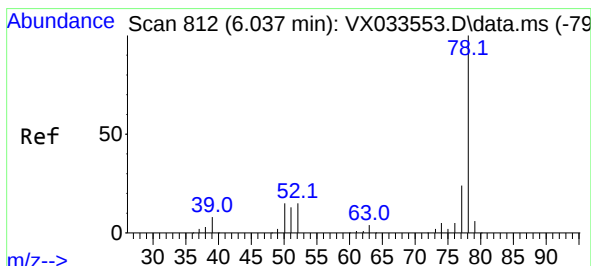
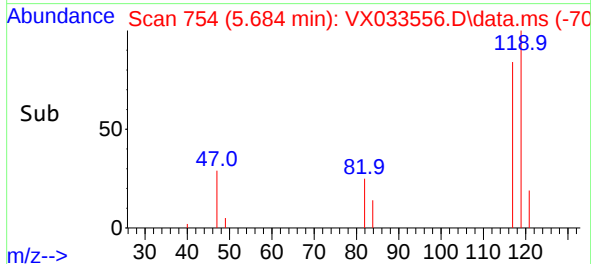
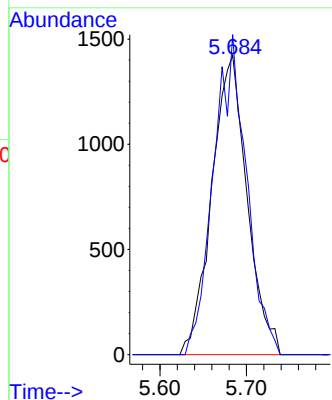
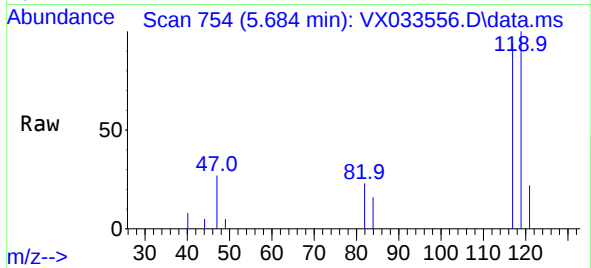




#31
Carbon tetrachloride
Concen: 2.077 ug/L
RT: 5.684 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX033556.D
Acq: 23 Dec 2022 11:39

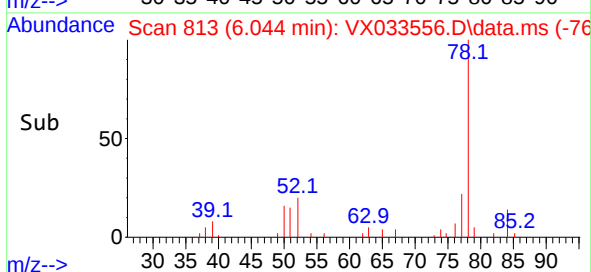
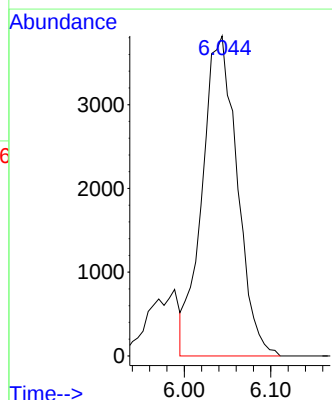
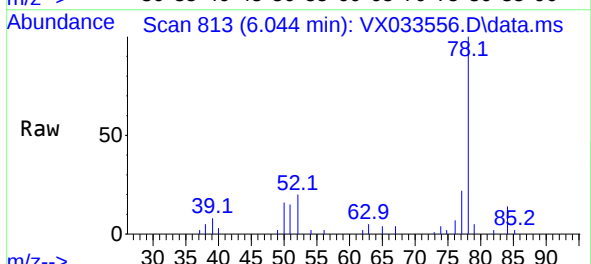
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT4-2022-08

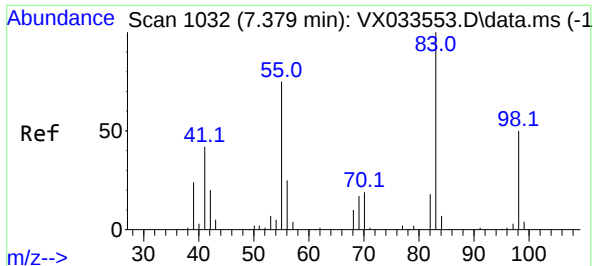
Tgt Ion:117 Resp: 4028
Ion Ratio Lower Upper
117 100
119 99.9 77.9 116.9



#33
Benzene
Concen: 2.148 ug/L
RT: 6.044 min Scan# 813
Delta R.T. 0.006 min
Lab File: VX033556.D
Acq: 23 Dec 2022 11:39

Tgt Ion: 78 Resp: 10728





#35

Methylcyclohexane

Concen: 2.130 ug/L

RT: 7.379 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VX033556.D

Acq: 23 Dec 2022 11:39

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-QT4-2022-08

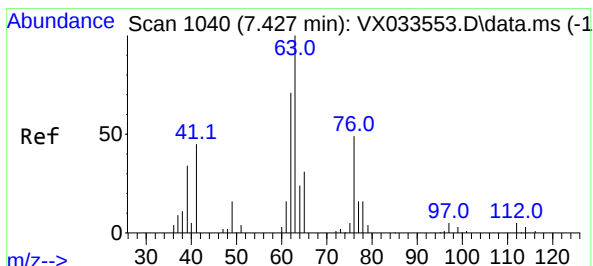
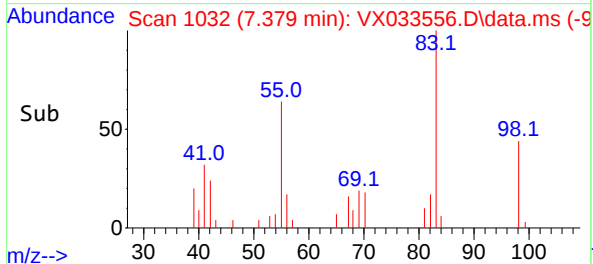
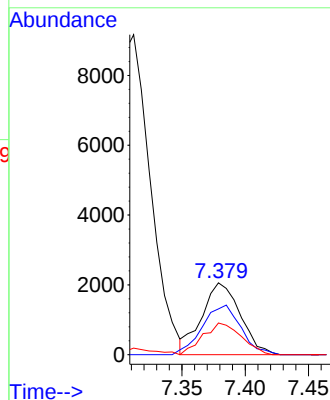
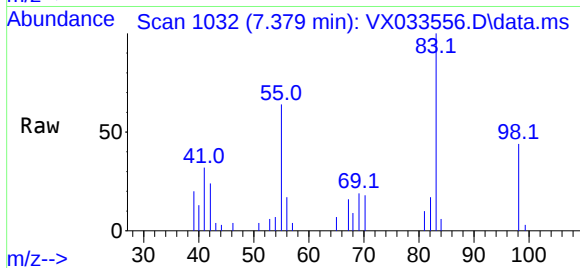
Tgt Ion: 83 Resp: 4346

Ion Ratio Lower Upper

83 100

55 69.1 55.6 83.4

98 43.9 38.6 57.8



#37

1,2-Dichloropropane

Concen: 2.171 ug/L

RT: 7.434 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VX033556.D

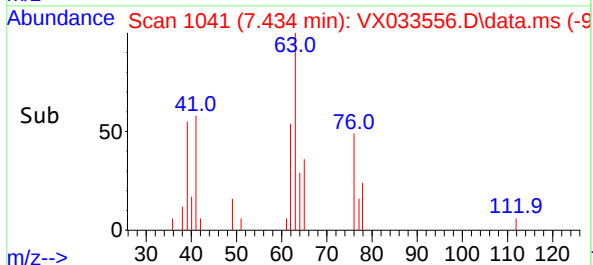
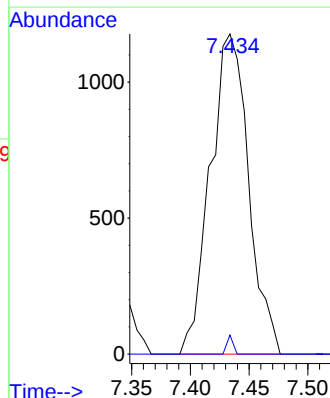
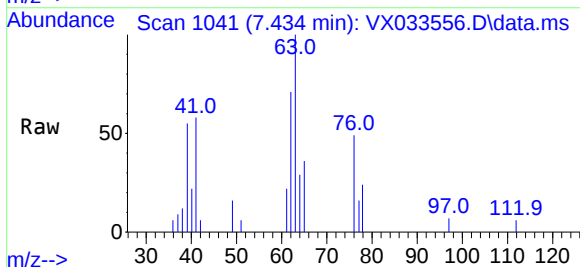
Acq: 23 Dec 2022 11:39

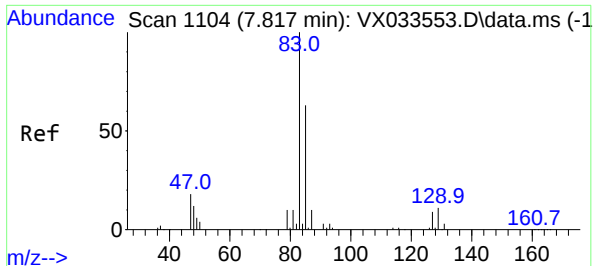
Tgt Ion: 63 Resp: 2673

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.8#





#38

Bromodichloromethane

Concen: 2.099 ug/L

RT: 7.824 min Scan# 1105

Delta R.T. 0.006 min

Lab File: VX033556.D

Acq: 23 Dec 2022 11:39

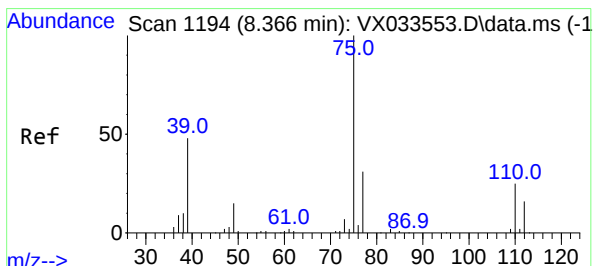
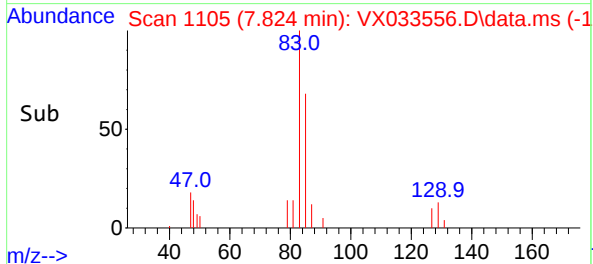
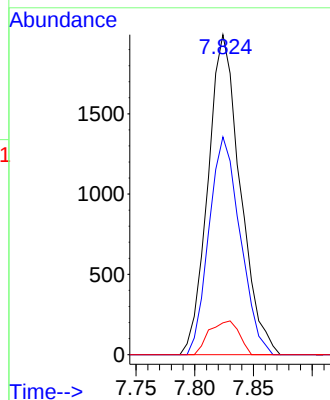
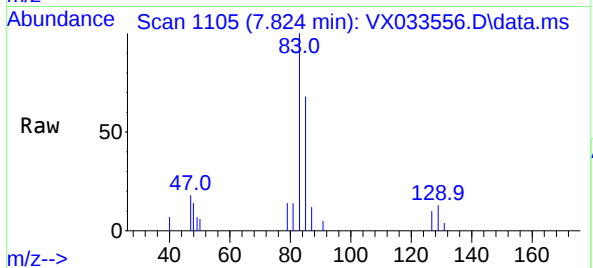
Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-QT4-2022-08

Tgt Ion: 83	Resp: 3814
Ion Ratio	Lower Upper
83 100	
85 68.0	45.1 83.9
127 9.9	7.7 11.5



#39

cis-1,3-Dichloropropene

Concen: 2.134 ug/L

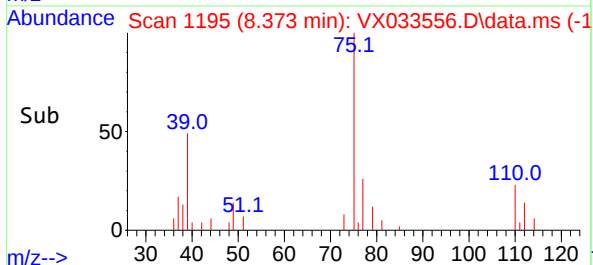
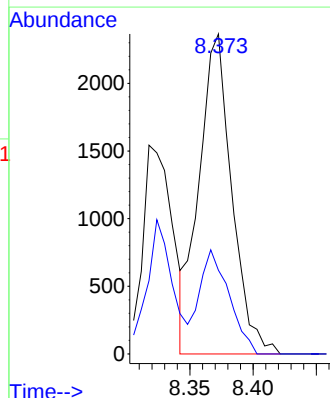
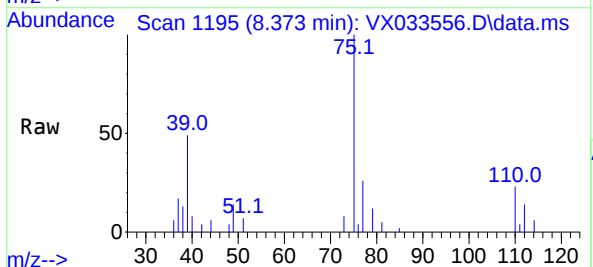
RT: 8.373 min Scan# 1195

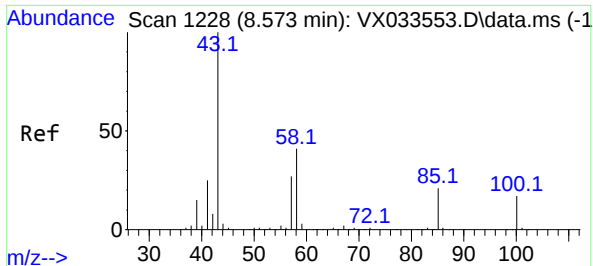
Delta R.T. 0.006 min

Lab File: VX033556.D

Acq: 23 Dec 2022 11:39

Tgt Ion: 75	Resp: 4270
Ion Ratio	Lower Upper
75 100	
77 26.1	22.0 41.0





#40

4-Methyl-2-pentanone

Concen: 4.456 ug/L

RT: 8.574 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX033556.D

Acq: 23 Dec 2022 11:39

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-QT4-2022-08

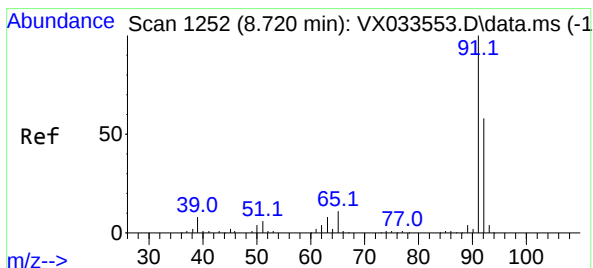
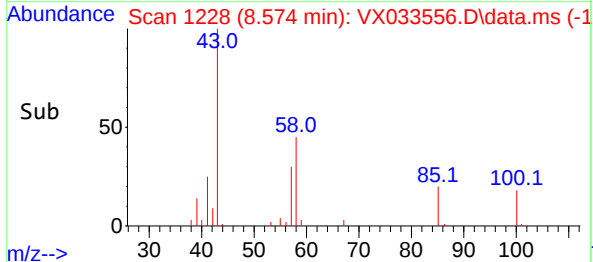
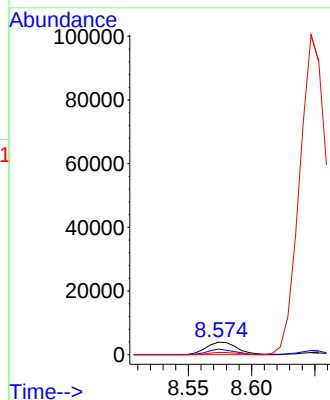
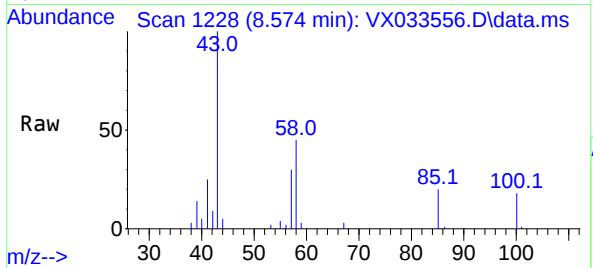
Tgt Ion: 43 Resp: 6796

Ion Ratio Lower Upper

43 100

58 38.5 32.9 49.3

100 16.2 14.9 22.3



#42

Toluene

Concen: 2.166 ug/L

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX033556.D

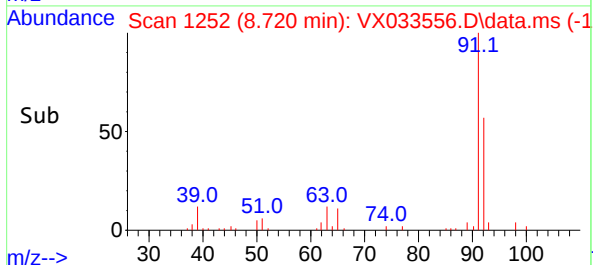
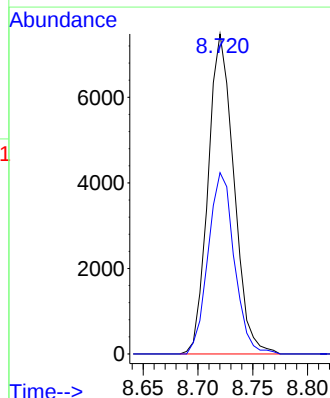
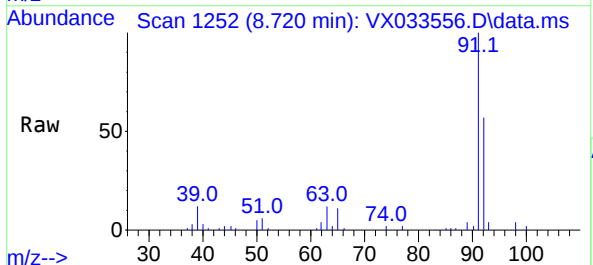
Acq: 23 Dec 2022 11:39

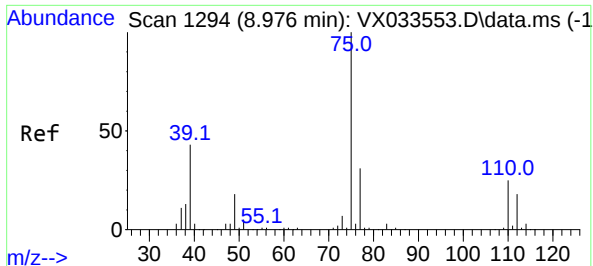
Tgt Ion: 91 Resp: 12225

Ion Ratio Lower Upper

91 100

92 56.6 41.1 76.3

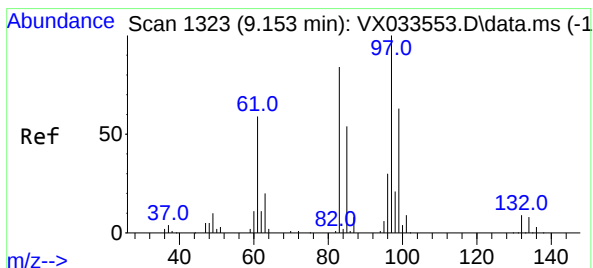
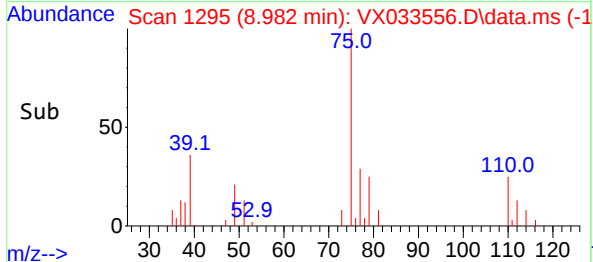
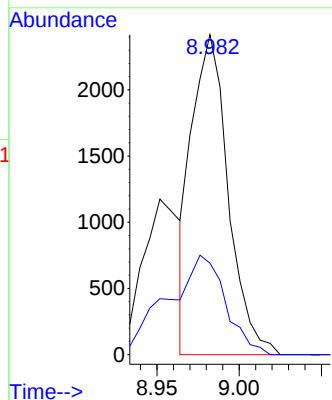
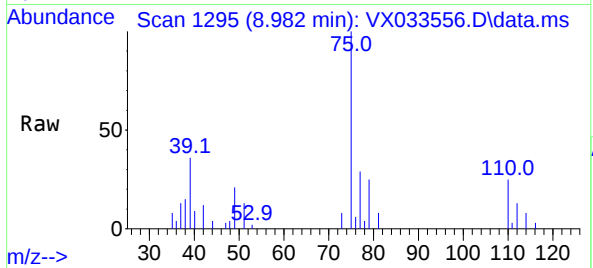




#44
trans-1,3-Dichloropropene
Concen: 1.983 ug/L
RT: 8.982 min Scan# 1295
Delta R.T. 0.006 min
Lab File: VX033556.D
Acq: 23 Dec 2022 11:39

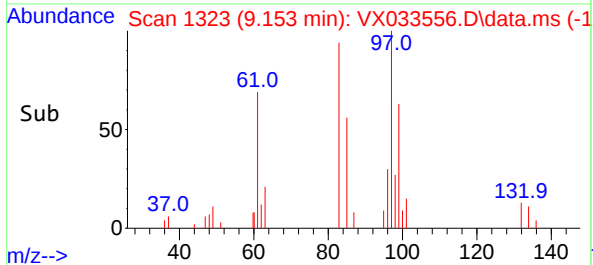
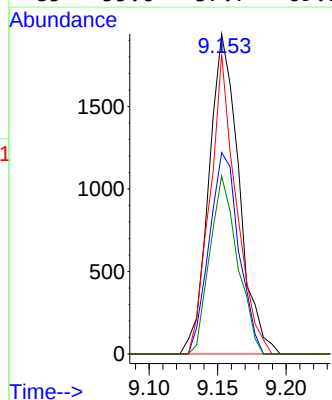
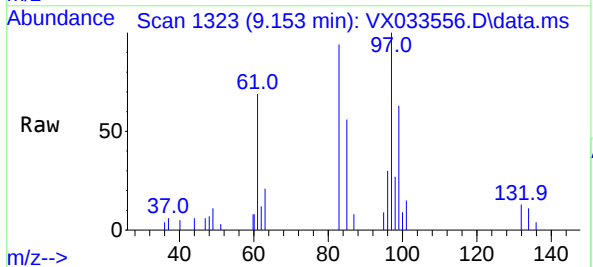
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT4-2022-08

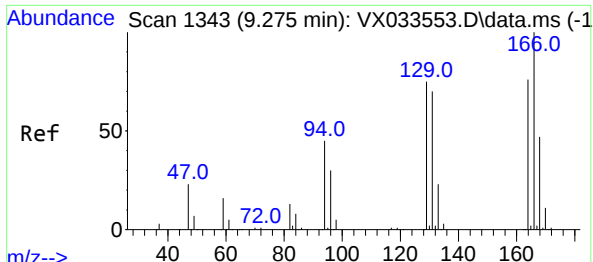
Tgt Ion: 75 Resp: 3725
Ion Ratio Lower Upper
75 100
77 28.6 22.8 42.4



#45
1,1,2-Trichloroethane
Concen: 2.221 ug/L
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX033556.D
Acq: 23 Dec 2022 11:39

Tgt Ion: 97 Resp: 2961
Ion Ratio Lower Upper
97 100
99 62.9 45.4 84.2
83 93.7 57.0 105.9
85 55.6 37.7 69.9



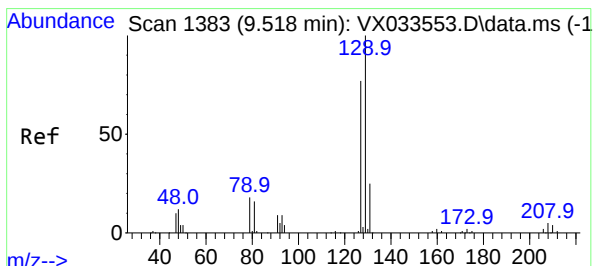
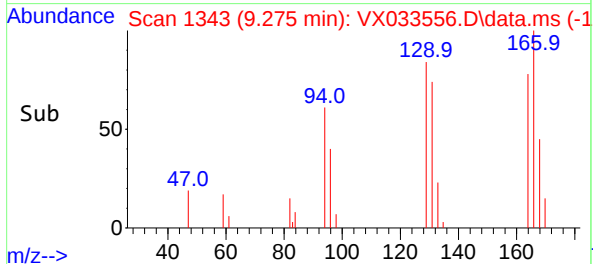
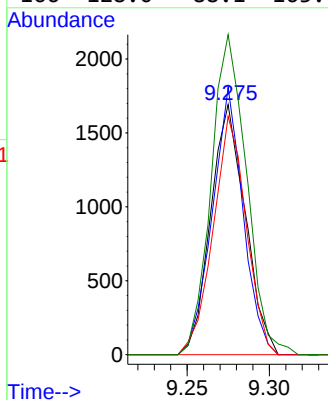
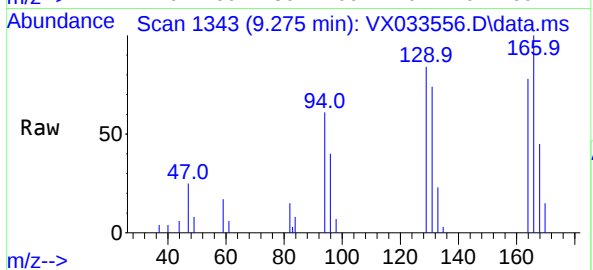


#46
Tetrachloroethene
Concen: 2.112 ug/L
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX033556.D
Acq: 23 Dec 2022 11:39

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

Tgt Ion:164 Resp: 2482

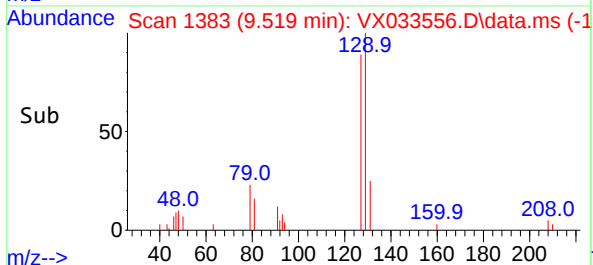
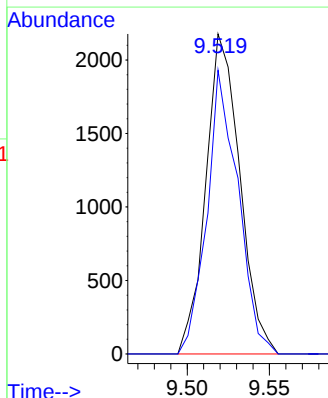
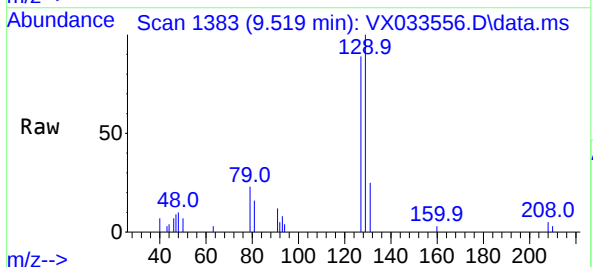
Ion	Ratio	Lower	Upper
164	100		
129	106.9	65.6	121.8
131	95.3	63.5	117.9
166	128.0	88.1	163.7

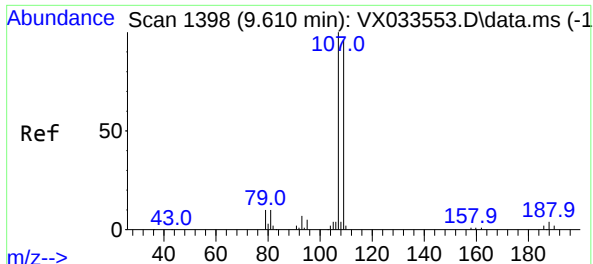


#49
Dibromochloromethane
Concen: 2.010 ug/L
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX033556.D
Acq: 23 Dec 2022 11:39

Tgt Ion:129 Resp: 3129

Ion	Ratio	Lower	Upper
129	100		
127	88.7	55.8	103.6

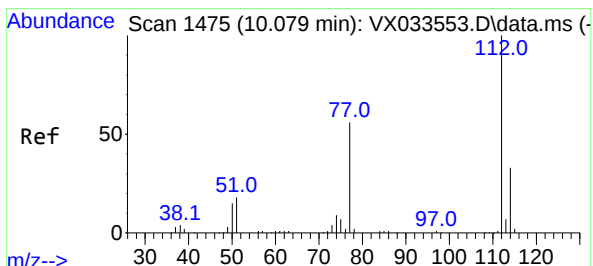
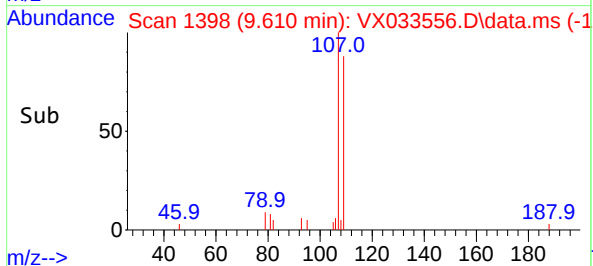
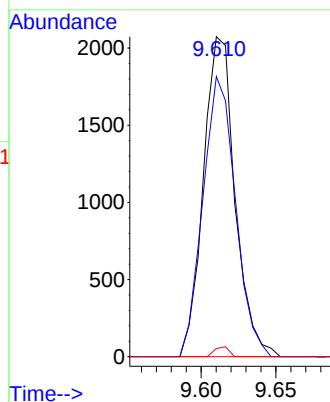
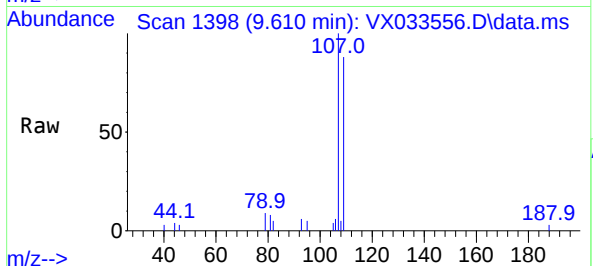




#50
1,2-Dibromoethane
Concen: 2.114 ug/L
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX033556.D
Acq: 23 Dec 2022 11:39

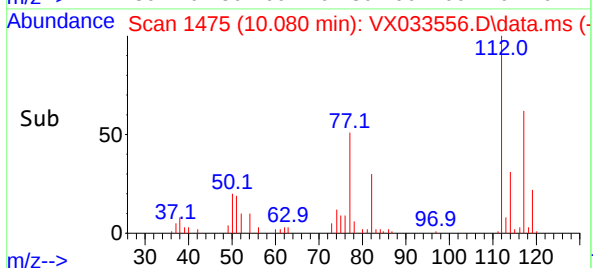
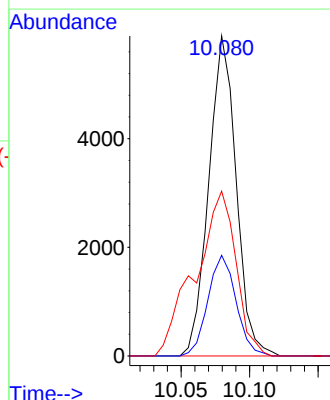
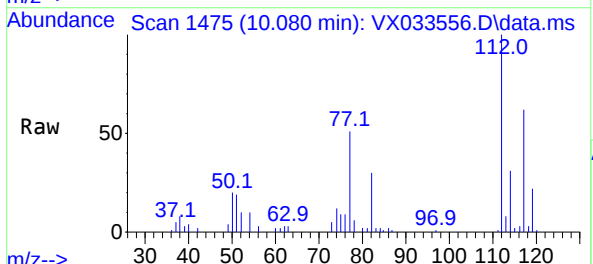
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-QT4-2022-08

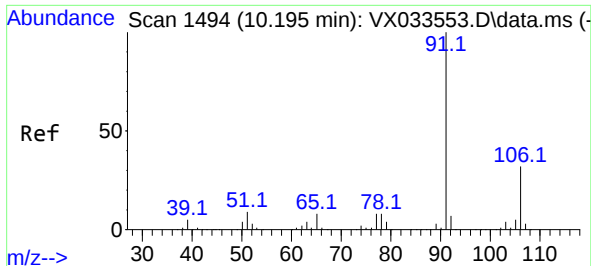
Tgt Ion:107	Resp:	3042
Ion	Ratio	Lower Upper
107	100	
109	87.6	67.5 125.3
188	2.6	3.0 4.4#



#51
Chlorobenzene
Concen: 2.189 ug/L
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX033556.D
Acq: 23 Dec 2022 11:39

Tgt Ion:112	Resp:	8199
Ion	Ratio	Lower Upper
112	100	
114	31.4	22.1 41.1
77	51.5	45.0 67.4

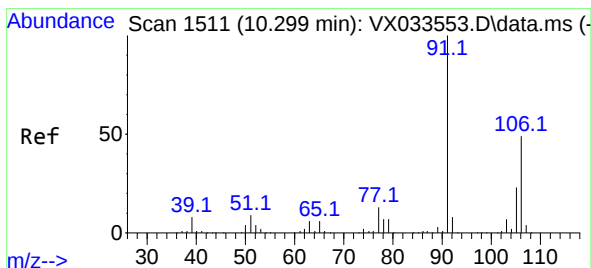
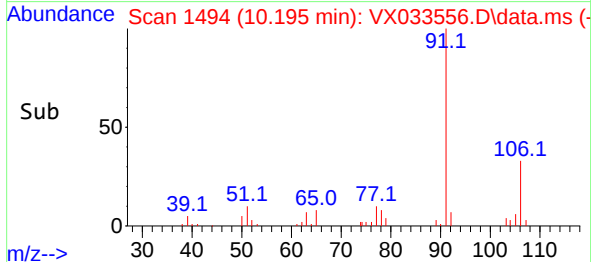
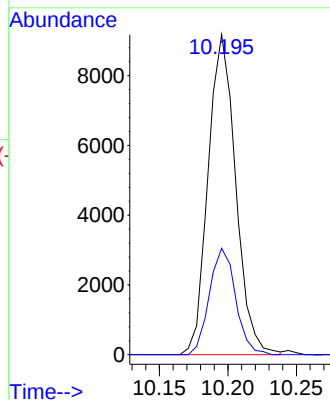
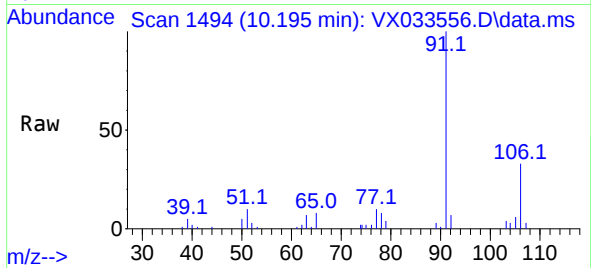




#52
Ethylbenzene
Concen: 2.081 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX033556.D
Acq: 23 Dec 2022 11:39

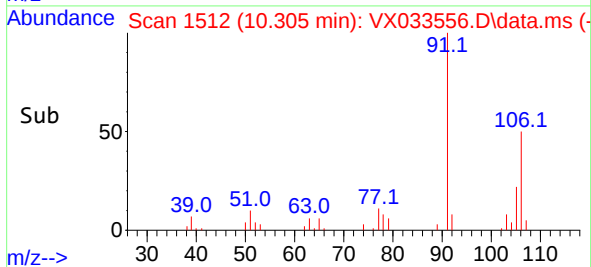
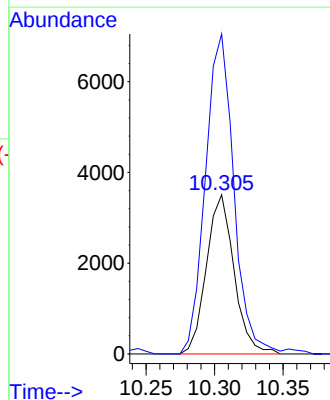
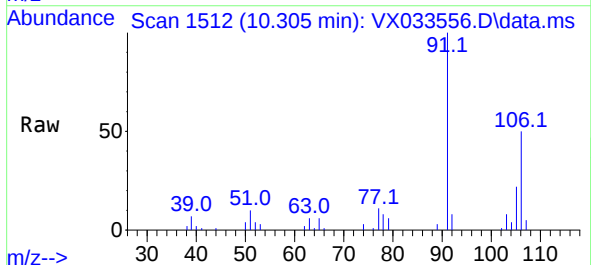
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-QT4-2022-08

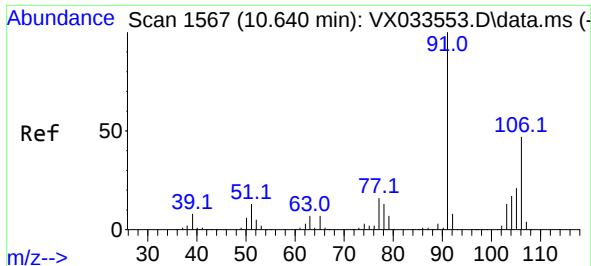
Tgt Ion: 91 Resp: 12865
Ion Ratio Lower Upper
91 100
106 33.3 22.5 41.7



#53
m,p-Xylene
Concen: 1.994 ug/L
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX033556.D
Acq: 23 Dec 2022 11:39

Tgt Ion: 106 Resp: 4917
Ion Ratio Lower Upper
106 100
91 201.0 140.4 260.8

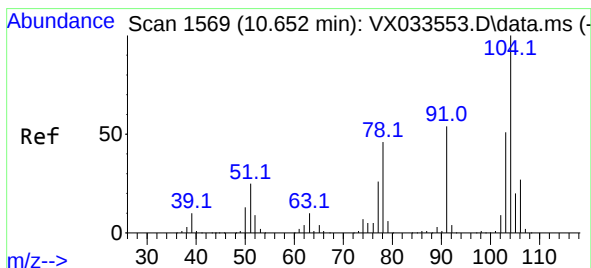
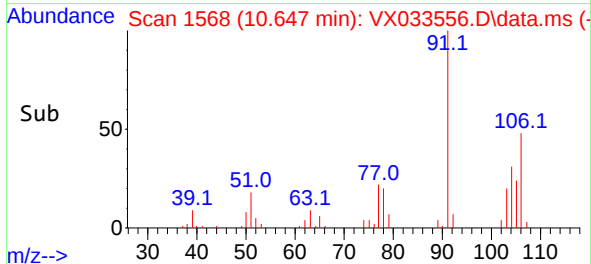
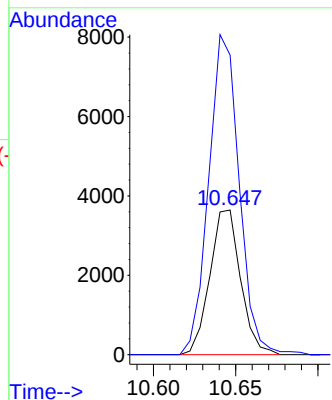
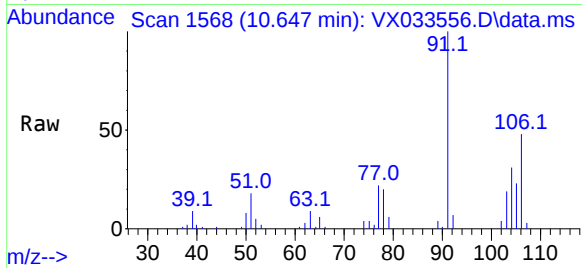




#54
o-Xylene
Concen: 1.965 ug/L
RT: 10.647 min Scan# 1567
Delta R.T. 0.006 min
Lab File: VX033556.D
Acq: 23 Dec 2022 11:39

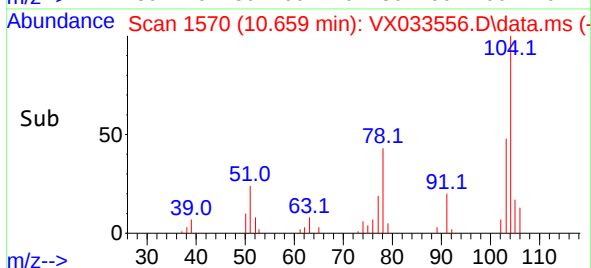
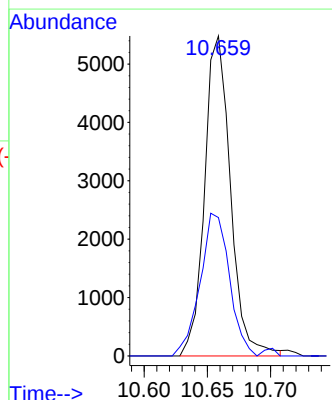
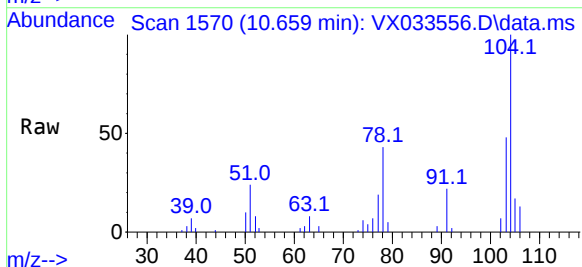
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-QT4-2022-08

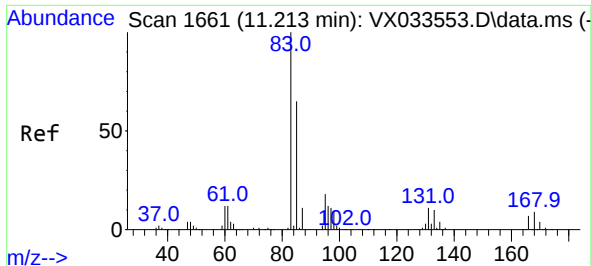
Tgt Ion:106 Resp: 4740
Ion Ratio Lower Upper
106 100
91 207.1 150.6 279.6



#55
Styrene
Concen: 1.926 ug/L
RT: 10.659 min Scan# 1570
Delta R.T. 0.006 min
Lab File: VX033556.D
Acq: 23 Dec 2022 11:39

Tgt Ion:104 Resp: 7829
Ion Ratio Lower Upper
104 100
78 43.3 31.7 58.9

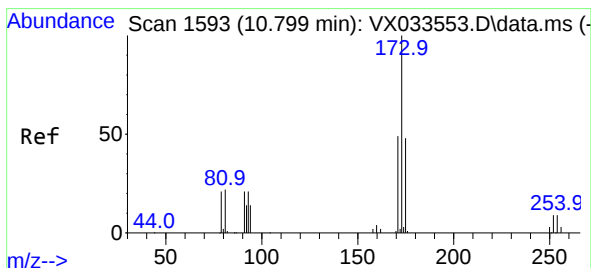
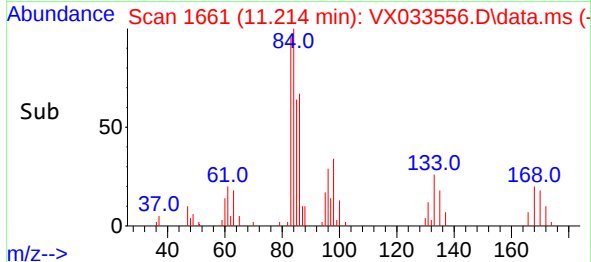
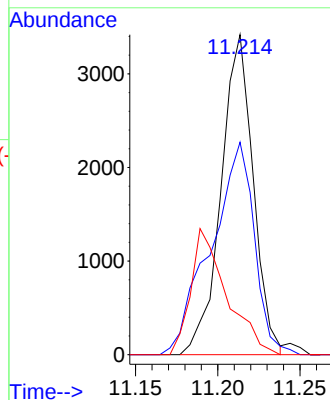
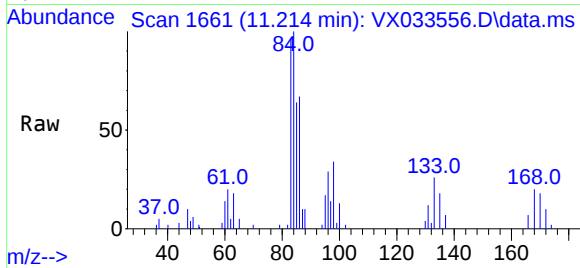




#57
1,1,2-Tetrachloroethane
Concen: 2.390 ug/L
RT: 11.214 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX033556.D
Acq: 23 Dec 2022 11:39

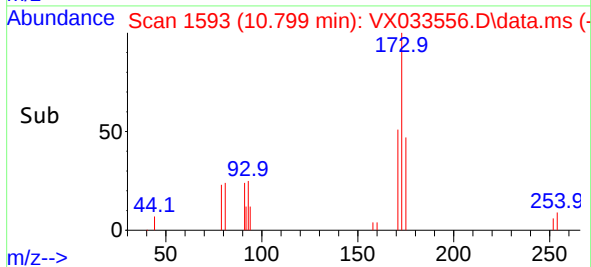
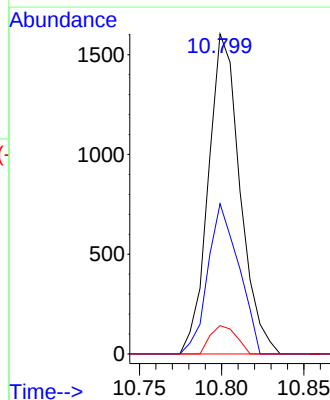
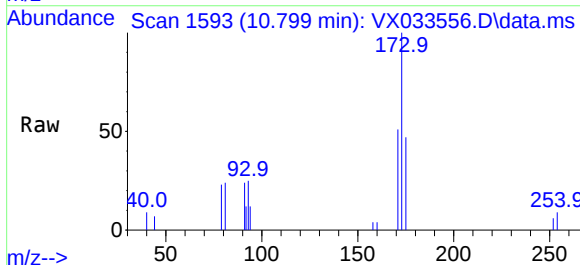
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT4-2022-08

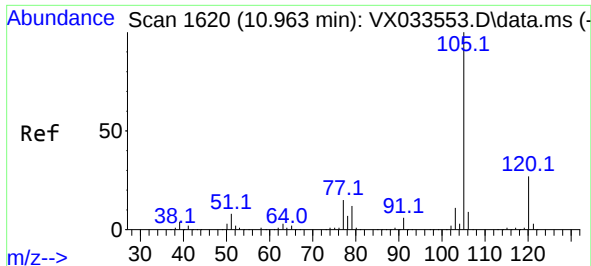
Tgt Ion:	83	Resp:	4659
Ion	Ratio	Lower	Upper
83	100		
85	66.4	45.6	84.8
131	12.2	8.4	12.6



#59
Bromoform
Concen: 2.137 ug/L
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX033556.D
Acq: 23 Dec 2022 11:39

Tgt Ion:	173	Resp:	2157
Ion	Ratio	Lower	Upper
173	100		
175	45.8	38.9	58.3
254	7.2	7.2	10.8

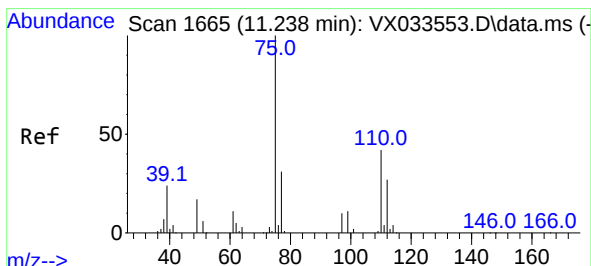
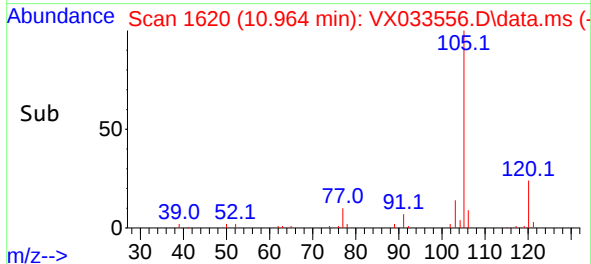
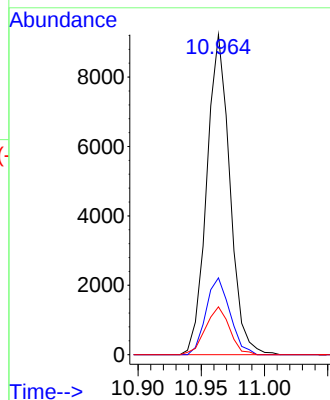
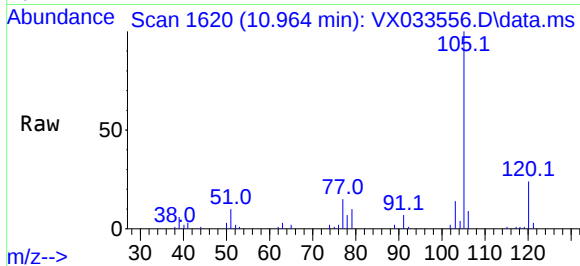




#60
Isopropylbenzene
Concen: 2.047 ug/L
RT: 10.964 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX033556.D
Acq: 23 Dec 2022 11:39

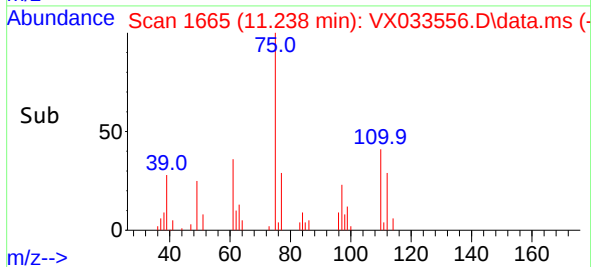
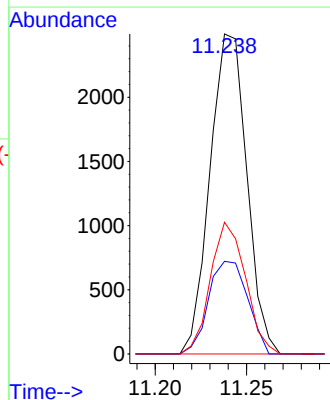
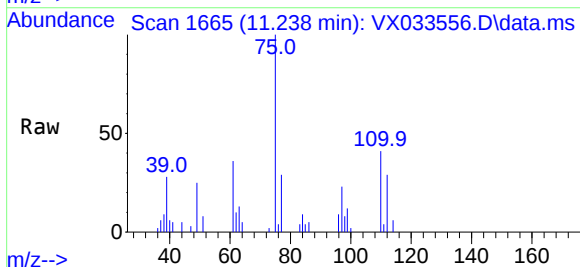
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-QT4-2022-08

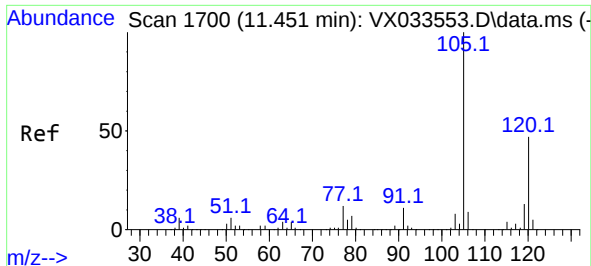
Tgt Ion:	105	Resp:	11729
Ion	Ratio	Lower	Upper
105	100		
120	24.9	21.6	32.4
77	15.5	11.7	17.5



#61
1,2,3-Trichloropropane
Concen: 2.560 ug/L
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX033556.D
Acq: 23 Dec 2022 11:39

Tgt Ion:	75	Resp:	3494
Ion	Ratio	Lower	Upper
75	100		
77	30.9	26.0	39.0
110	39.2	33.6	50.4

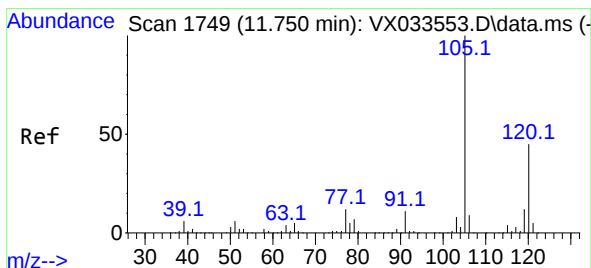
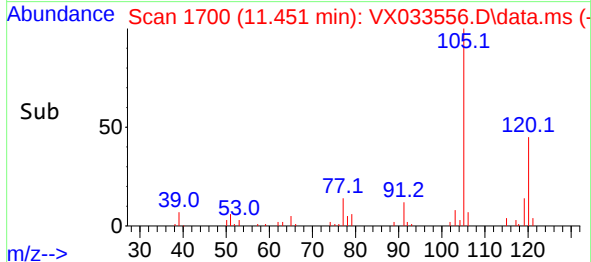
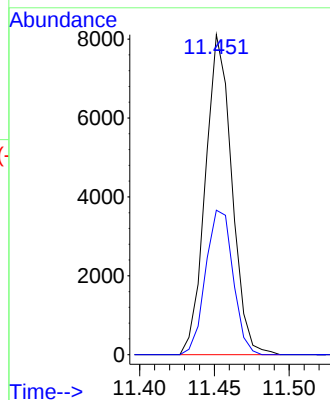
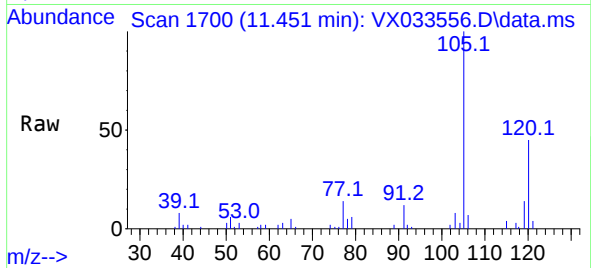




#62
1,3,5-Trimethylbenzene
Concen: 2.051 ug/L
RT: 11.451 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX033556.D
Acq: 23 Dec 2022 11:39

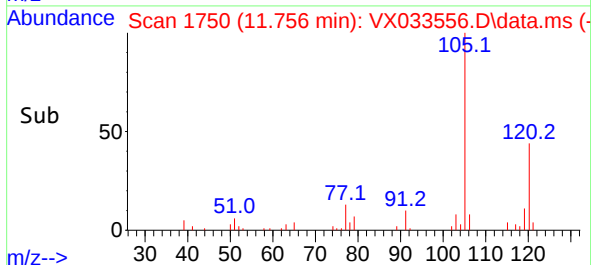
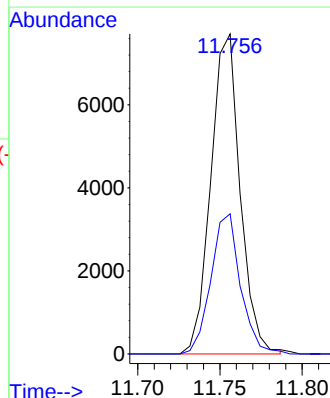
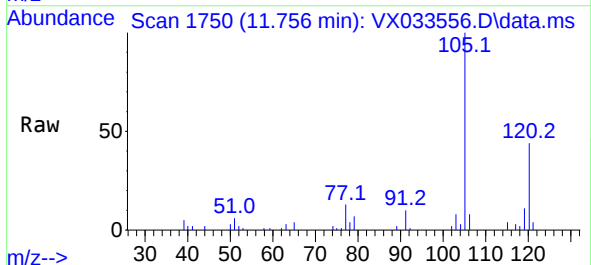
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT4-2022-08

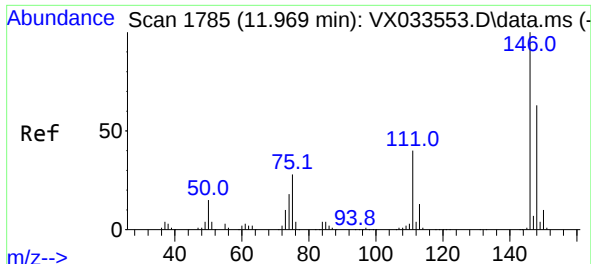
Tgt Ion:105 Resp: 9982
Ion Ratio Lower Upper
105 100
120 46.8 38.8 58.2



#63
1,2,4-Trimethylbenzene
Concen: 1.996 ug/L
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX033556.D
Acq: 23 Dec 2022 11:39

Tgt Ion:105 Resp: 9551
Ion Ratio Lower Upper
105 100
120 44.2 35.8 53.6

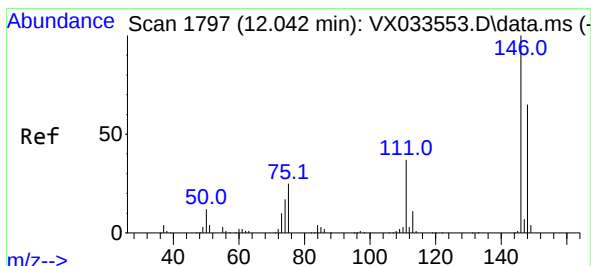
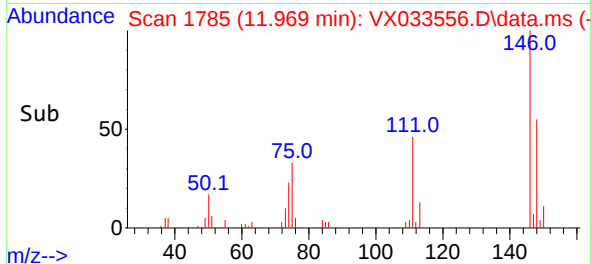
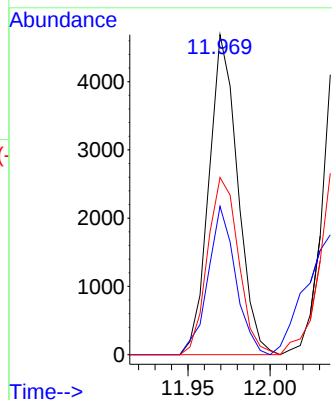
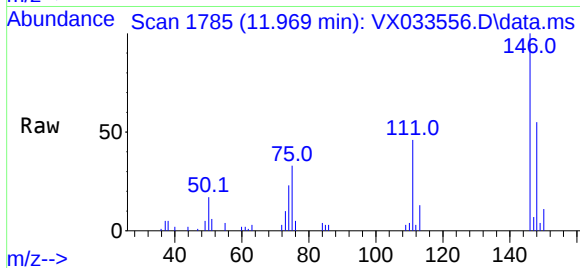




#64
1,3-Dichlorobenzene
Concen: 2.180 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX033556.D
Acq: 23 Dec 2022 11:39

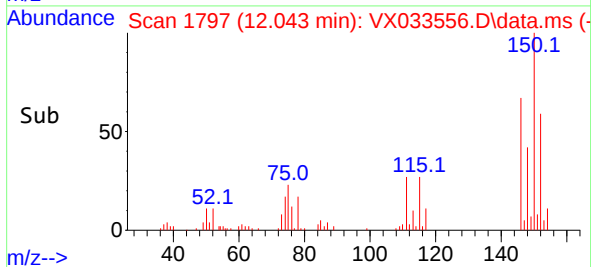
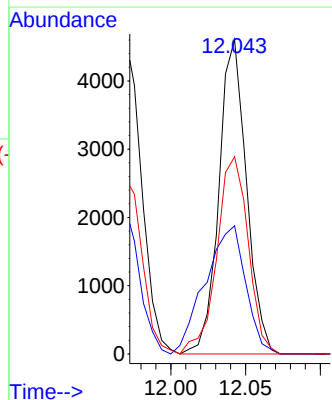
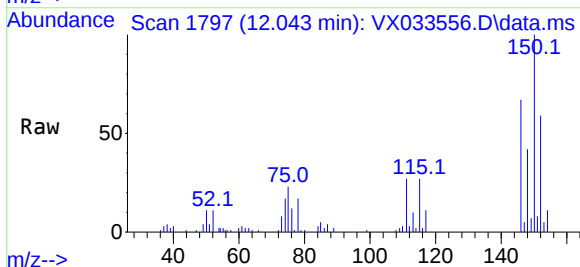
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT4-2022-08

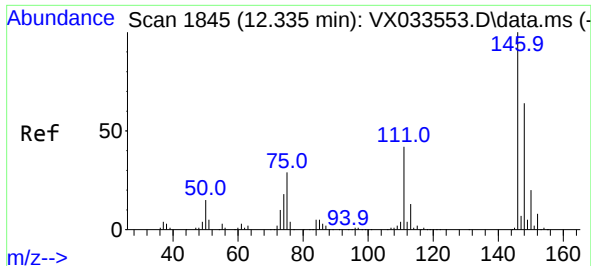
Tgt Ion:146 Resp: 5707
Ion Ratio Lower Upper
146 100
111 46.3 27.6 51.2
148 55.3 45.3 84.1



#65
1,4-Dichlorobenzene
Concen: 2.232 ug/L
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX033556.D
Acq: 23 Dec 2022 11:39

Tgt Ion:146 Resp: 5910
Ion Ratio Lower Upper
146 100
111 40.8 25.8 47.8
148 62.8 45.8 85.0





#67

1,2-Dichlorobenzene

Concen: 2.318 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX033556.D

Acq: 23 Dec 2022 11:39

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-QT4-2022-08

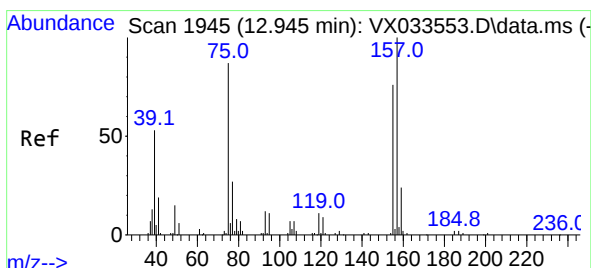
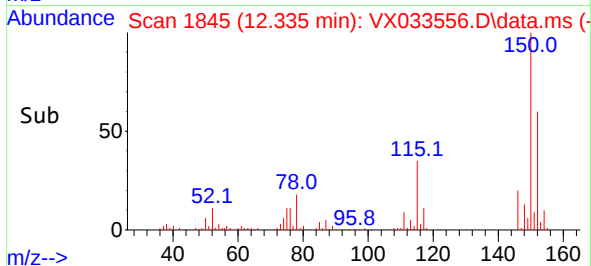
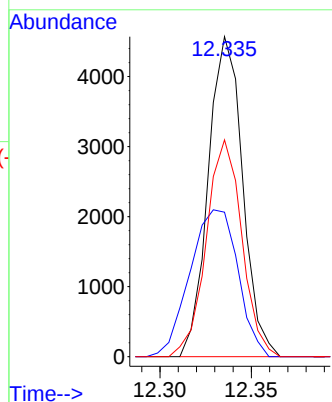
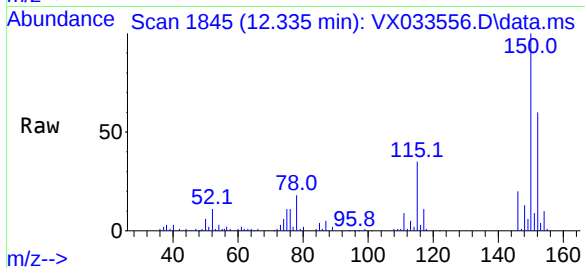
Tgt Ion:146 Resp: 5988

Ion Ratio Lower Upper

146 100

111 45.1 33.2 49.8

148 67.7 51.9 77.9



#68

1,2-Dibromo-3-chloropropane

Concen: 1.989 ug/L m

RT: 12.945 min Scan# 1945

Delta R.T. 0.000 min

Lab File: VX033556.D

Acq: 23 Dec 2022 11:39

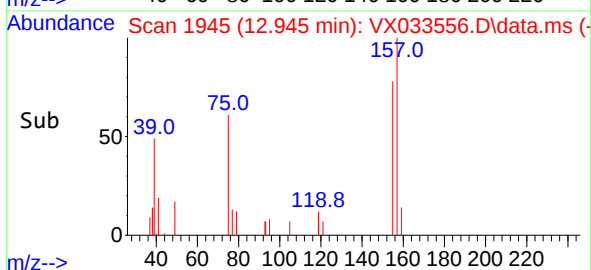
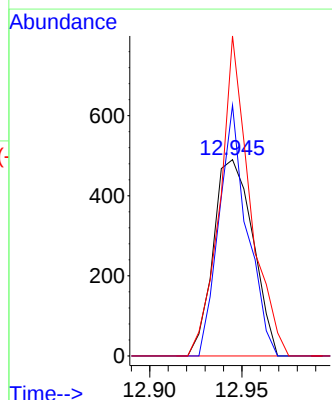
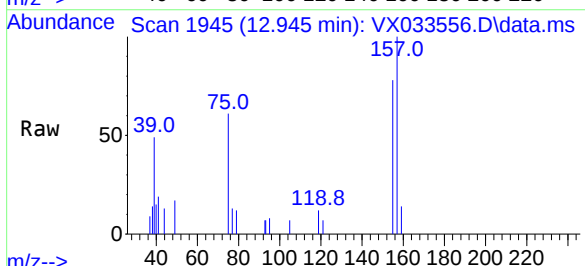
Tgt Ion: 75 Resp: 730

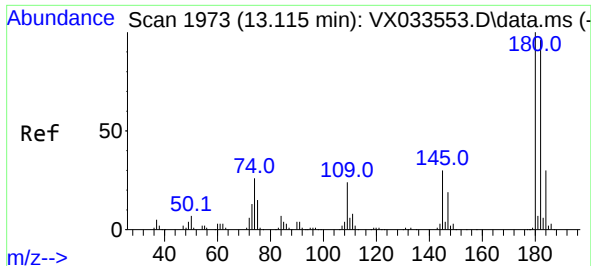
Ion Ratio Lower Upper

75 100

155 127.8 75.4 113.2#

157 163.1 98.7 148.1#





#69

1,3,5-Trichlorobenzene

Concen: 2.090 ug/L

RT: 13.116 min Scan# 1973

Delta R.T. 0.000 min

Lab File: VX033556.D

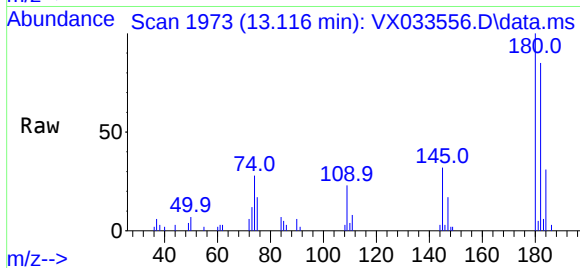
Acq: 23 Dec 2022 11:39

Instrument :

MSVOA_X

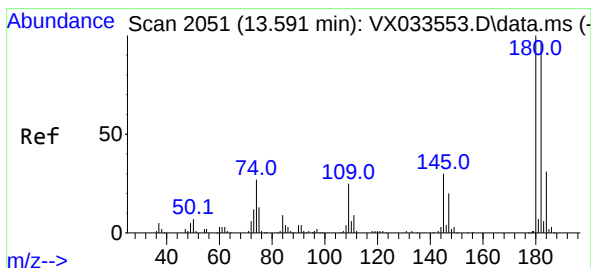
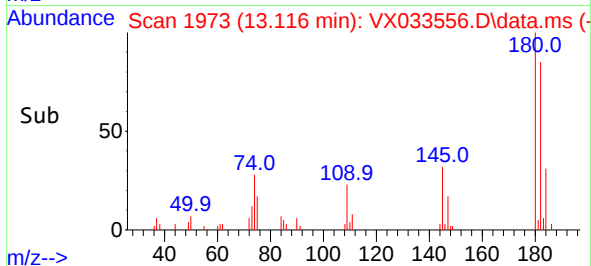
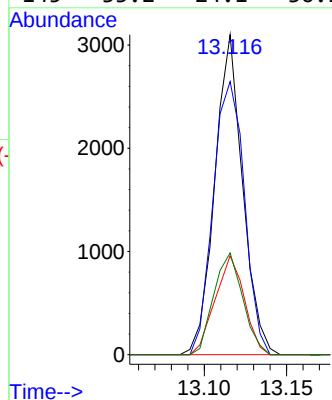
ClientSampleId :

MDL-WATER-QT4-2022-08



Tgt Ion:180 Resp: 3660

Ion	Ratio	Lower	Upper
180	100		
182	95.4	75.0	112.6
184	32.2	24.0	36.0
145	33.2	24.1	36.1



#70

1,2,4-trichlorobenzene

Concen: 2.097 ug/L

RT: 13.591 min Scan# 2051

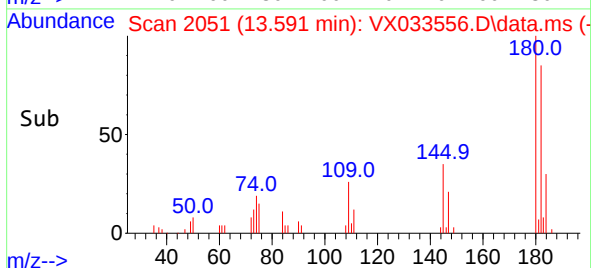
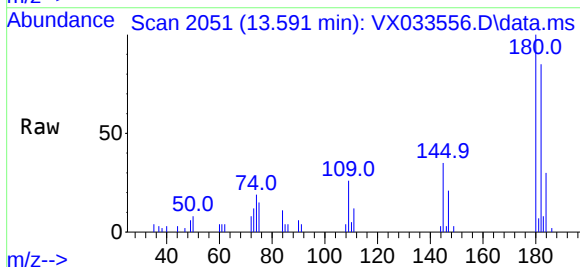
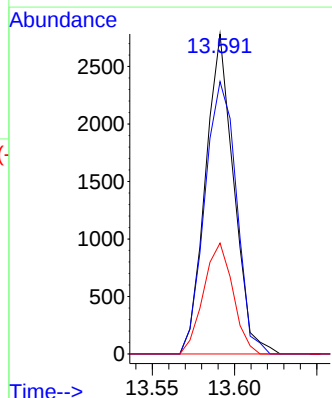
Delta R.T. 0.000 min

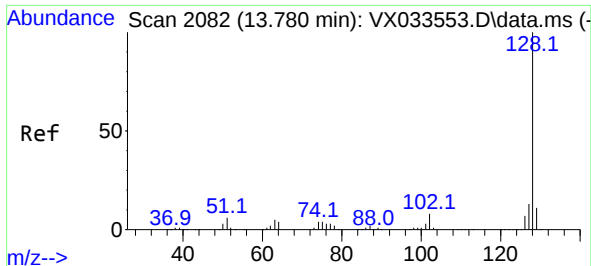
Lab File: VX033556.D

Acq: 23 Dec 2022 11:39

Tgt Ion:180 Resp: 3327

Ion	Ratio	Lower	Upper
180	100		
182	95.1	76.6	115.0
145	35.9	25.2	37.8

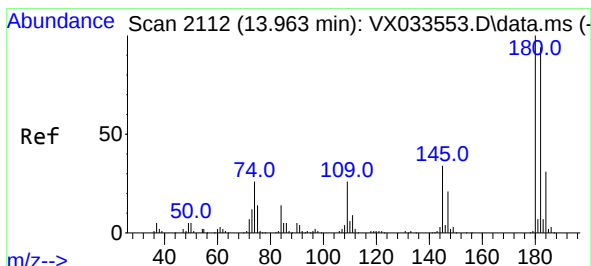
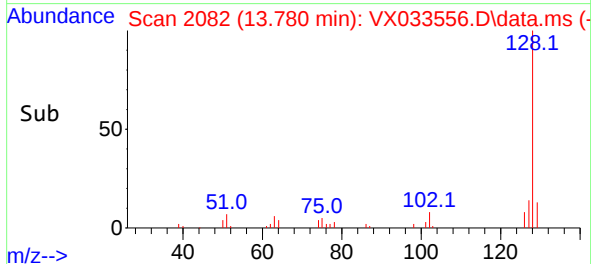
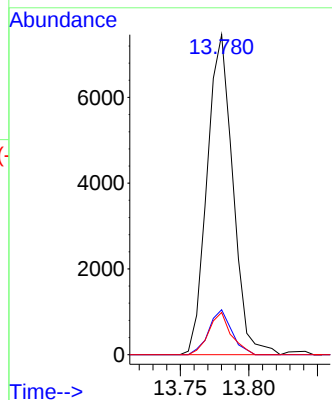
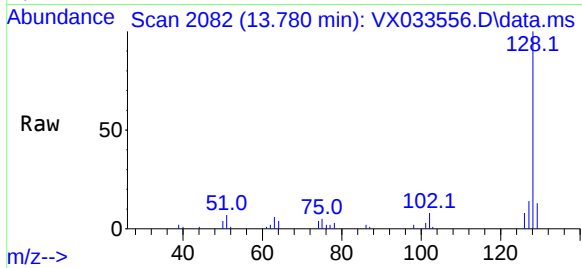




#71
Naphthalene
Concen: 1.885 ug/L
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX033556.D
Acq: 23 Dec 2022 11:39

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

Tgt Ion:	128	Resp:	9771
Ion	Ratio	Lower	Upper
128	100		
127	12.5	10.3	15.5
129	11.5	8.6	13.0



#72
1,2,3-Trichlorobenzene
Concen: 2.099 ug/L
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX033556.D
Acq: 23 Dec 2022 11:39

Tgt Ion:	180	Resp:	3323
Ion	Ratio	Lower	Upper
180	100		
182	97.6	76.4	114.6
145	32.4	26.2	39.4

