

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062124\
 Data File : VX041973.D
 Acq On : 21 Jun 2024 12:03
 Operator : JC/MD
 Sample : P2403-09 0.2PPB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT2-2024

Quant Time: Jun 22 05:57:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 22 05:57:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	173139	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	258537	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	230379	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	108645	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	100037	50.106	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 100.220%	
35) Dibromofluoromethane	5.391	113	89801	48.952	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 97.900%	
50) Toluene-d8	8.647	98	303230	47.052	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 94.100%	
62) 4-Bromofluorobenzene	11.079	95	107268	45.154	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 90.300%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.172	85	267	0.202	ug/l	# 41
3) Chloromethane	1.300	50	529	0.320	ug/l	89
4) Vinyl Chloride	1.373	62	326	0.197	ug/l	89
5) Bromomethane	1.599	94	594	0.725	ug/l	92
6) Chloroethane	1.666	64	1231	1.474	ug/l	# 57
7) Trichlorofluoromethane	1.873	101	508	0.234	ug/l	87
8) Diethyl Ether	2.142	74	224	0.220	ug/l	78
9) 1,1,2-Trichlorotrifluo...	2.318	101	364	0.243	ug/l	# 74
10) Methyl Iodide	2.446	142	580	0.312	ug/l	# 71
11) Tert butyl alcohol	2.995	59	488	1.288	ug/l	# 78
12) 1,1-Dichloroethene	2.306	96	339	0.227	ug/l	# 77
13) Acrolein	2.239	56	346	0.815	ug/l	# 72
14) Allyl chloride	2.660	41	553	0.233	ug/l	90
15) Acrylonitrile	3.080	53	830	0.839	ug/l	94
16) Acetone	2.392	43	1788	2.040	ug/l	# 66
17) Carbon Disulfide	2.501	76	1214	0.399	ug/l	# 76
18) Methyl Acetate	2.715	43	561	0.235	ug/l	# 91
19) Methyl tert-butyl Ether	3.123	73	920	0.186	ug/l	92
20) Methylene Chloride	2.788	84	1607	0.837	ug/l	85
21) trans-1,2-Dichloroethene	3.093	96	308	0.203	ug/l	93
22) Diisopropyl ether	3.782	45	847	0.169	ug/l	# 91
23) Vinyl Acetate	3.745	43	3309	0.774	ug/l	98
24) 1,1-Dichloroethane	3.617	63	567	0.202	ug/l	# 83
25) 2-Butanone	4.617	43	1011	0.741	ug/l	# 88
26) 2,2-Dichloropropane	4.470	77	222	0.109	ug/l	# 54
27) cis-1,2-Dichloroethene	4.501	96	311	0.164	ug/l	92
28) Bromochloromethane	4.915	49	103	0.086	ug/l	# 84
29) Tetrahydrofuran	5.043	42	435	0.494	ug/l	89
30) Chloroform	5.104	83	655	0.224	ug/l	95
31) Cyclohexane	5.470	56	572	0.245	ug/l	# 82
32) 1,1,1-Trichloroethane	5.391	97	436	0.179	ug/l	# 43
36) 1,1-Dichloropropene	5.702	75	534	0.274	ug/l	# 49
37) Ethyl Acetate	4.775	43	387	0.153	ug/l	# 69
38) Carbon Tetrachloride	5.678	117	545	0.253	ug/l	# 56
39) Methylcyclohexane	7.378	83	418	0.170	ug/l	# 65
40) Benzene	6.037	78	1206	0.184	ug/l	# 81

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 Quant Title : SW846 8260
 QLast Update : Sat Jun 22 05:57:20 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.946	41	75	0.055	ug/l #	25
42) 1,2-Dichloroethane	6.104	62	594	0.281	ug/l #	77
43) Isopropyl Acetate	6.366	43	646	0.166	ug/l #	62
44) Trichloroethene	7.128	130	1910	1.085	ug/l	77
45) 1,2-Dichloropropane	7.427	63	122	0.076	ug/l #	44
46) Dibromomethane	7.604	93	204	0.173	ug/l #	63
47) Bromodichloromethane	7.836	83	333	0.154	ug/l #	85
48) Methyl methacrylate	7.738	41	149	0.080	ug/l #	16
51) 4-Methyl-2-Pentanone	8.586	43	2094	0.780	ug/l	97
52) Toluene	8.726	92	874	0.209	ug/l	84
53) t-1,3-Dichloropropene	8.994	75	286	0.135	ug/l #	43
54) cis-1,3-Dichloropropene	8.384	75	362	0.153	ug/l	94
55) 1,1,2-Trichloroethane	9.159	97	310	0.178	ug/l	89
56) Ethyl methacrylate	9.134	69	313	0.115	ug/l #	65
57) 1,3-Dichloropropane	9.323	76	440	0.156	ug/l #	83
58) 2-Chloroethyl Vinyl ether	8.256	63	1828	1.447	ug/l	94
59) 2-Hexanone	9.451	43	1111	0.541	ug/l	91
60) Dibromochloromethane	9.524	129	296	0.156	ug/l	87
61) 1,2-Dibromoethane	9.622	107	282	0.156	ug/l	87
64) Tetrachloroethene	9.274	164	386	0.230	ug/l #	83
65) Chlorobenzene	10.079	112	1080	0.225	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.165	131	251	0.150	ug/l #	60
67) Ethyl Benzene	10.201	91	1393	0.186	ug/l #	88
68) m/p-Xylenes	10.311	106	1210	0.399	ug/l	98
69) o-Xylene	10.652	106	559	0.186	ug/l	94
70) Styrene	10.664	104	813	0.162	ug/l	92
71) Bromoform	10.805	173	337	0.225	ug/l #	29
73) Isopropylbenzene	10.969	105	1241	0.188	ug/l	97
74) N-amyl acetate	10.853	43	418	0.142	ug/l #	49
75) 1,1,2,2-Tetrachloroethane	11.219	83	524	0.213	ug/l #	85
76) 1,2,3-Trichloropropane	11.079	75	49635	25.166	ug/l #	39
77) Bromobenzene	11.201	156	431	0.219	ug/l	90
78) n-propylbenzene	11.311	91	1418	0.198	ug/l	98
79) 2-Chlorotoluene	11.366	91	1086	0.235	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	1073	0.195	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.079	75	49635	71.468	ug/l #	5
82) 4-Chlorotoluene	11.463	91	1135	0.222	ug/l	98
83) tert-Butylbenzene	11.719	119	1295	0.214	ug/l	78
84) 1,2,4-Trimethylbenzene	11.756	105	1042	0.189	ug/l	96
85) sec-Butylbenzene	11.890	105	1344	0.197	ug/l	97
86) p-Isopropyltoluene	12.012	119	1048	0.176	ug/l #	65
87) 1,3-Dichlorobenzene	11.975	146	838	0.242	ug/l	95
88) 1,4-Dichlorobenzene	11.975	146	838	0.236	ug/l	95
89) n-Butylbenzene	12.341	91	733	0.160	ug/l	91
90) Hexachloroethane	12.536	117	169	0.166	ug/l #	43
91) 1,2-Dichlorobenzene	12.341	146	862	0.244	ug/l	88
92) 1,2-Dibromo-3-Chloropr...	12.945	75	20	0.041	ug/l #	1
93) 1,2,4-Trichlorobenzene	13.597	180	574	0.248	ug/l #	86
94) Hexachlorobutadiene	13.725	225	285	0.243	ug/l	88
95) Naphthalene	13.786	128	1637	0.229	ug/l	98
96) 1,2,3-Trichlorobenzene	13.969	180	545	0.223	ug/l	89

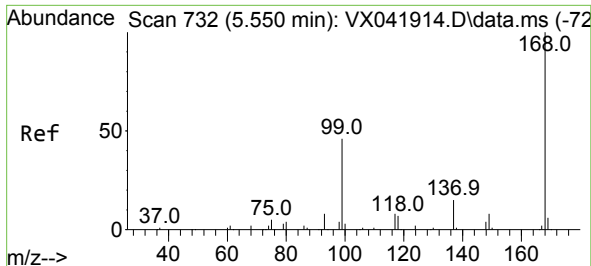
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062124\
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Quant Title : SW846 8260
QLast Update : Sat Jun 22 05:57:20 2024
Response via : Initial Calibration

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

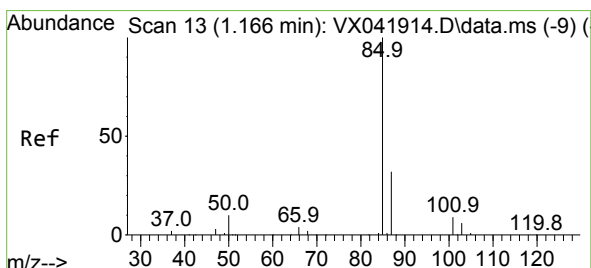
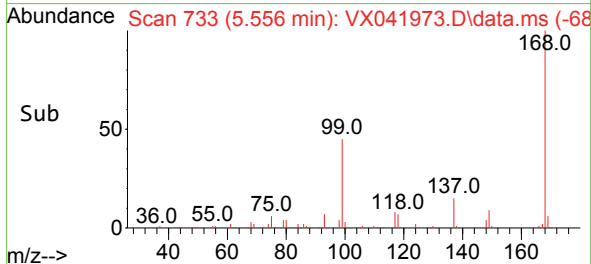
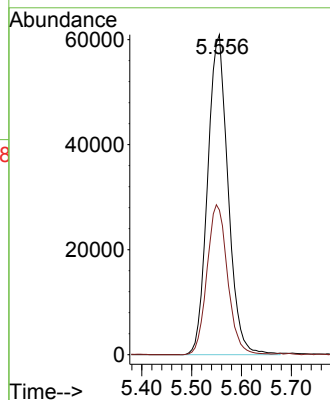
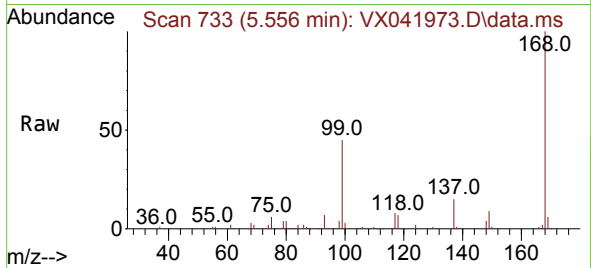
(#)=qualifier out of range (m)=manual integration (+)=signals summed						



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX041973.D
Acq: 21 Jun 2024 12:03

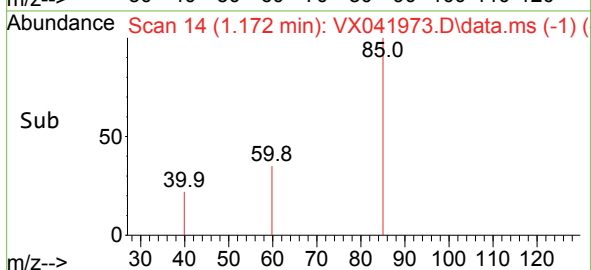
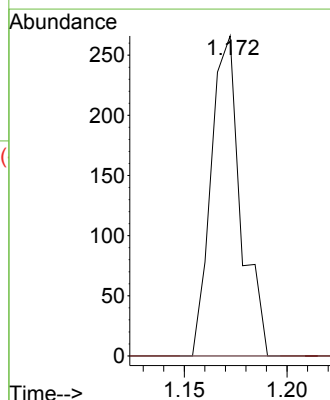
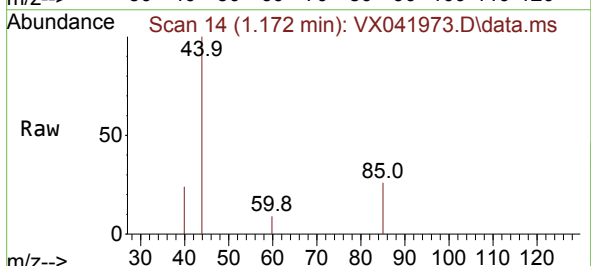
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2024

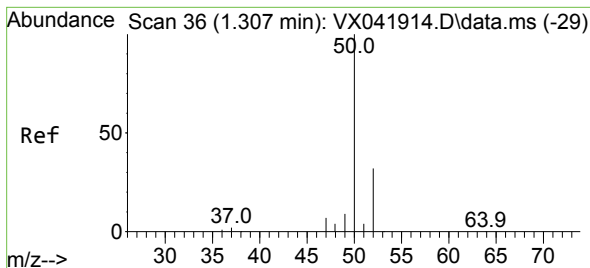
Tgt Ion:168 Resp: 173139
Ion Ratio Lower Upper
168 100
99 45.2 56.6 85.0#



#2
Dichlorodifluoromethane
Concen: 0.202 ug/l
RT: 1.172 min Scan# 14
Delta R.T. 0.006 min
Lab File: VX041973.D
Acq: 21 Jun 2024 12:03

Tgt Ion: 85 Resp: 267
Ion Ratio Lower Upper
85 100
87 0.0 16.7 50.1#





#3

Chloromethane

Concen: 0.320 ug/l

RT: 1.300 min Scan# 3

Delta R.T. -0.006 min

Lab File: VX041973.D

Acq: 21 Jun 2024 12:03

Instrument :

MSVOA_X

ClientSampleId :

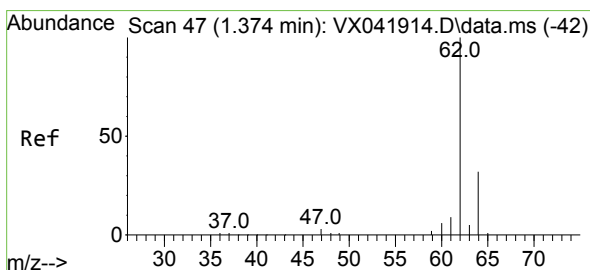
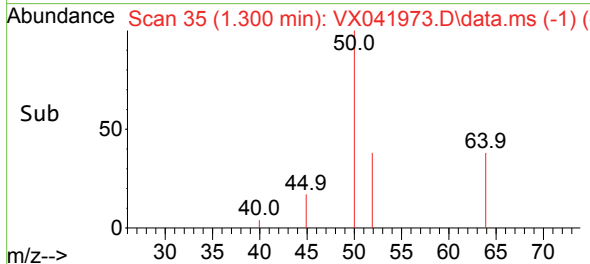
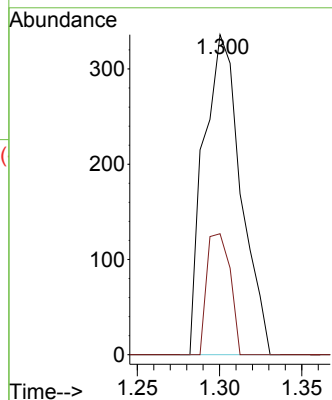
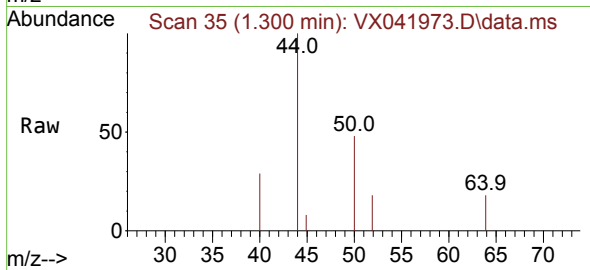
MDL-WATER-03-QT2-2024

Tgt Ion: 50 Resp: 529

Ion Ratio Lower Upper

50 100

52 37.8 25.5 38.3



#4

Vinyl Chloride

Concen: 0.197 ug/l

RT: 1.373 min Scan# 47

Delta R.T. -0.000 min

Lab File: VX041973.D

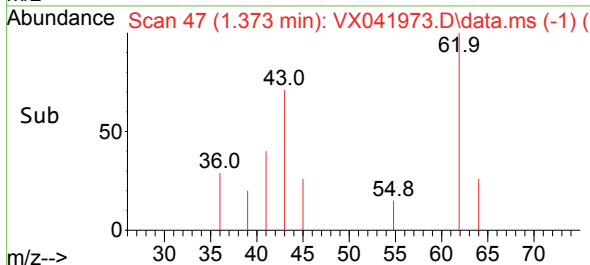
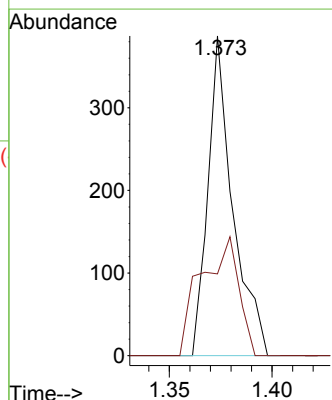
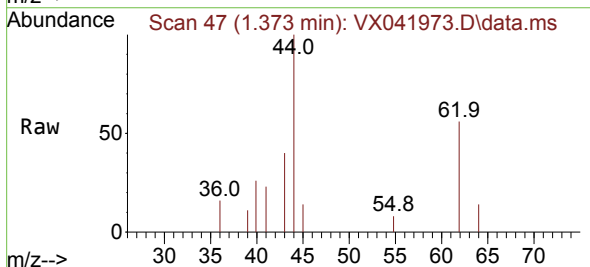
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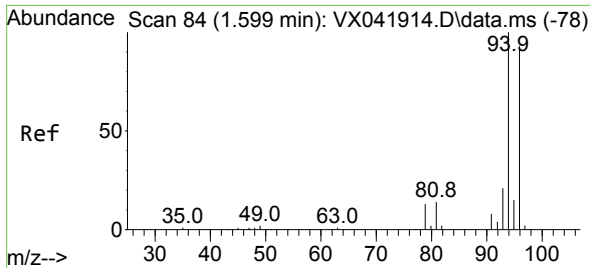
Tgt Ion: 62 Resp: 326

Ion Ratio Lower Upper

62 100

64 25.6 25.4 38.0

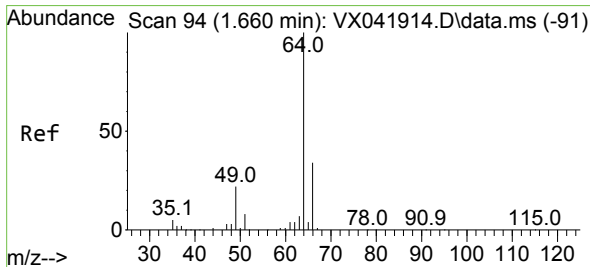
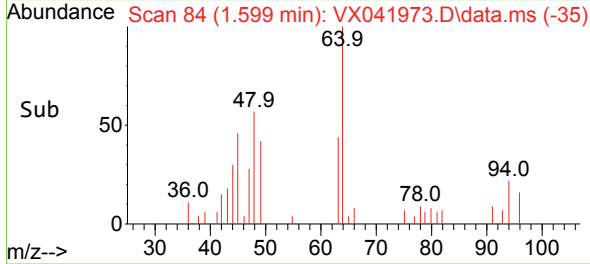
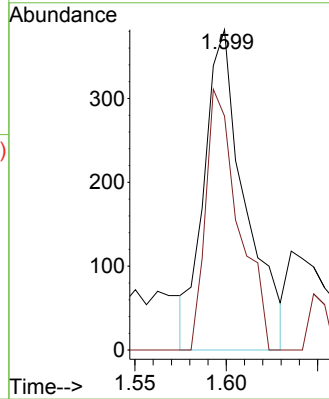
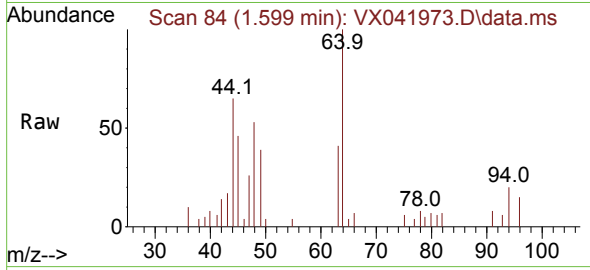




#5
Bromomethane
Concen: 0.725 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX041973.D
Acq: 21 Jun 2024 12:03

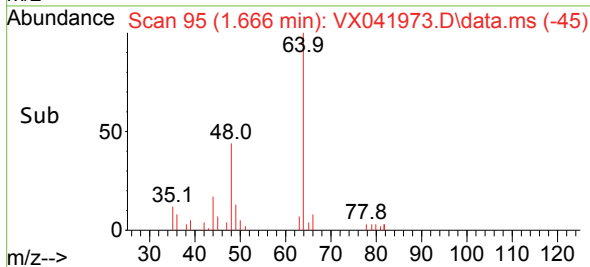
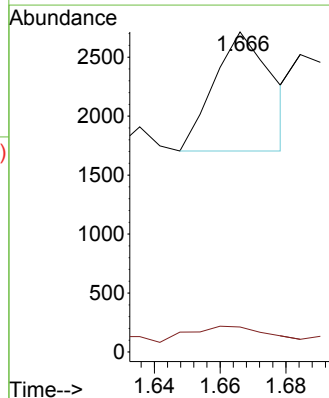
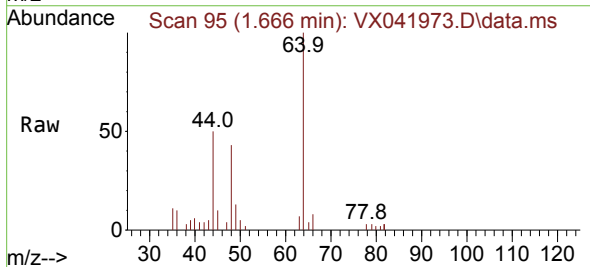
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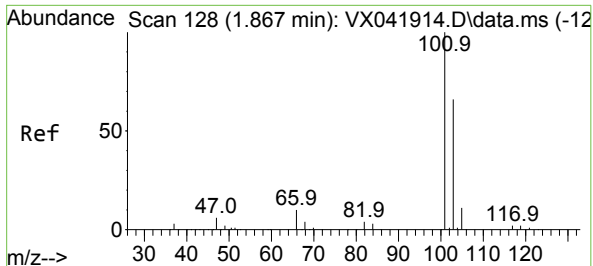
Tgt Ion: 94 Resp: 594
Ion Ratio Lower Upper
94 100
96 85.6 74.6 111.8



#6
Chloroethane
Concen: 1.474 ug/l
RT: 1.666 min Scan# 95
Delta R.T. 0.006 min
Lab File: VX041973.D
Acq: 21 Jun 2024 12:03

Tgt Ion: 64 Resp: 1231
Ion Ratio Lower Upper
64 100
66 7.4 25.1 37.7#

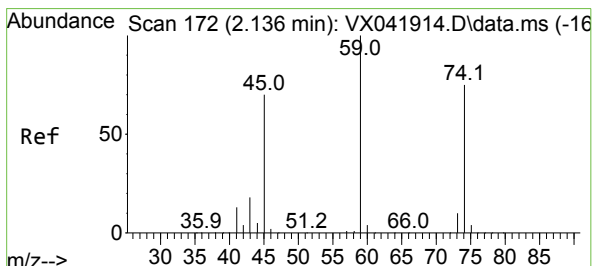
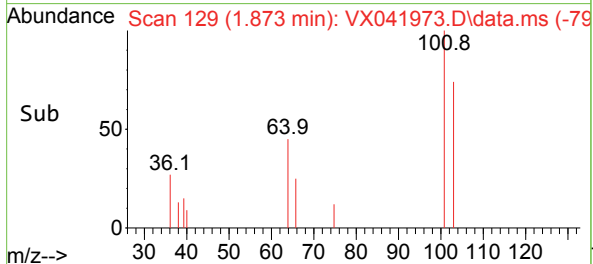
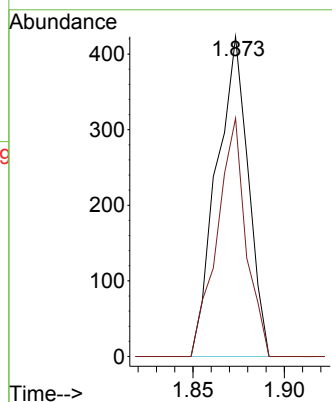
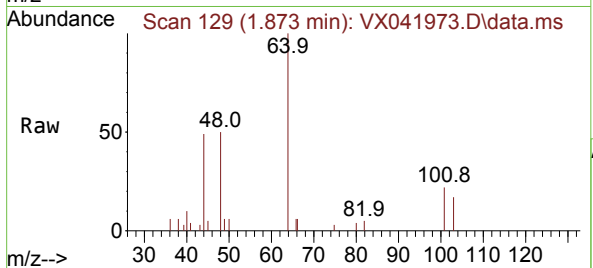




#7
Trichlorofluoromethane
Concen: 0.234 ug/l
RT: 1.873 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX041973.D
Acq: 21 Jun 2024 12:03

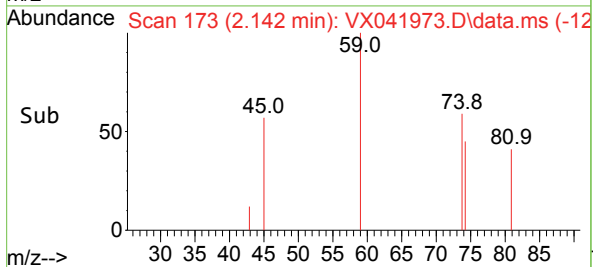
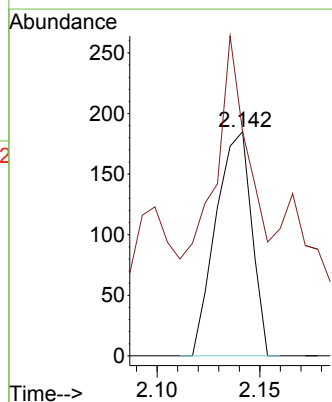
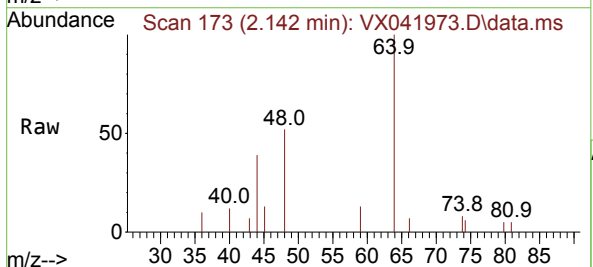
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2024

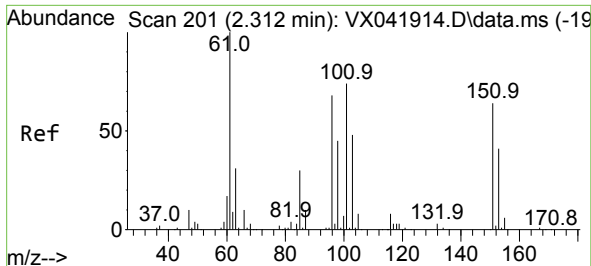
Tgt Ion:101 Resp: 508
Ion Ratio Lower Upper
101 100
103 74.5 51.4 77.2



#8
Diethyl Ether
Concen: 0.220 ug/l
RT: 2.142 min Scan# 173
Delta R.T. 0.006 min
Lab File: VX041973.D
Acq: 21 Jun 2024 12:03

Tgt Ion: 74 Resp: 224
Ion Ratio Lower Upper
74 100
45 83.5 53.3 159.8

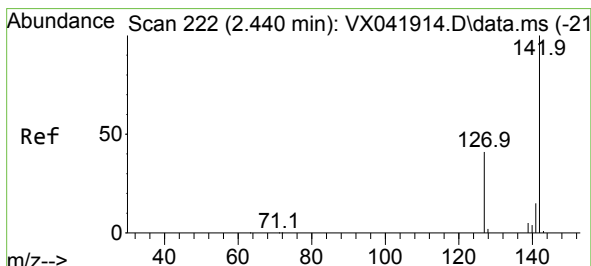
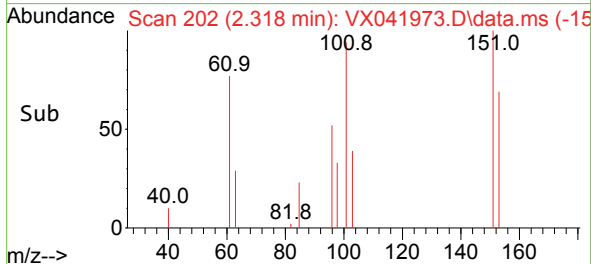
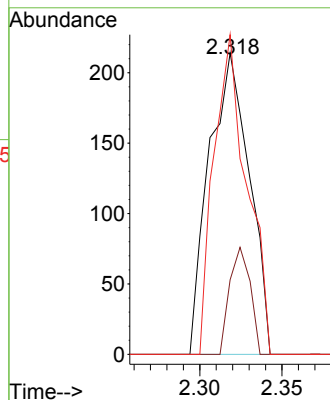
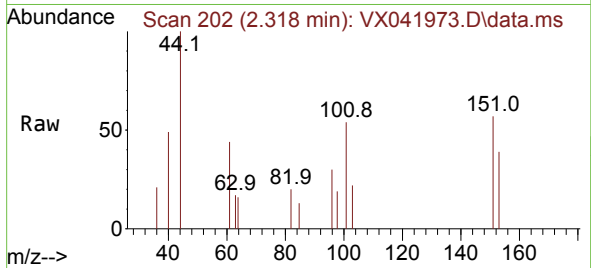




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.243 ug/l
RT: 2.318 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX041973.D
Acq: 21 Jun 2024 12:03

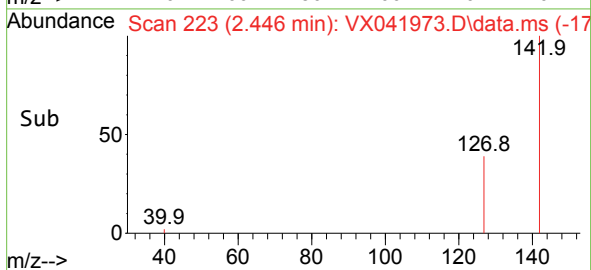
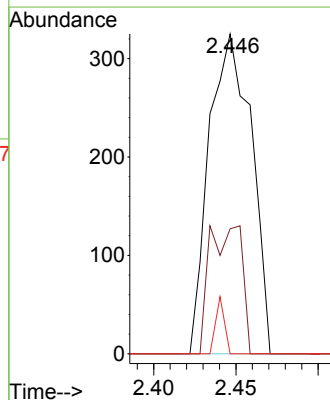
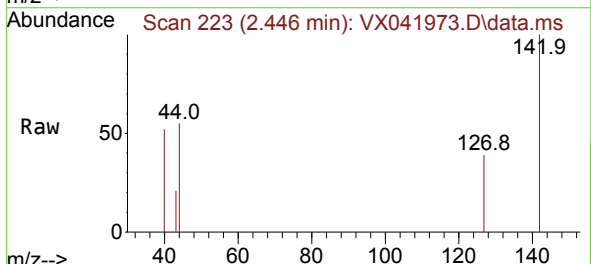
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ClientSampleId :
MDL-WATER-03-QT2-2024

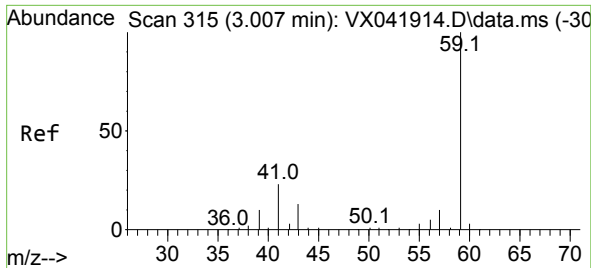
Tgt Ion:101 Resp: 364
Ion Ratio Lower Upper
101 100
85 18.1 37.0 55.6#
151 86.5 58.6 87.8



#10
Methyl Iodide
Concen: 0.312 ug/l
RT: 2.446 min Scan# 223
Delta R.T. 0.006 min
Lab File: VX041973.D
Acq: 21 Jun 2024 12:03

Tgt Ion:142 Resp: 580
Ion Ratio Lower Upper
142 100
127 30.7 41.6 62.4#
141 3.6 11.6 17.4#





#11

Tert butyl alcohol

Concen: 1.288 ug/l

RT: 2.995 min Scan# 315

Delta R.T. -0.012 min

Lab File: VX041973.D

Acq: 21 Jun 2024 12:03

Instrument :

MSVOA_X

ClientSampleId :

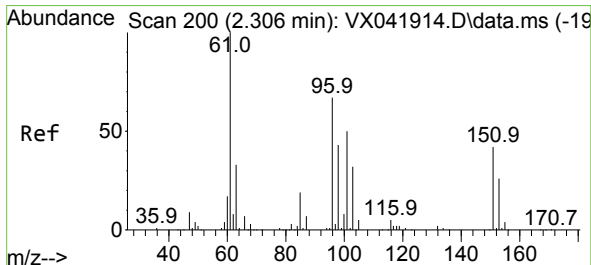
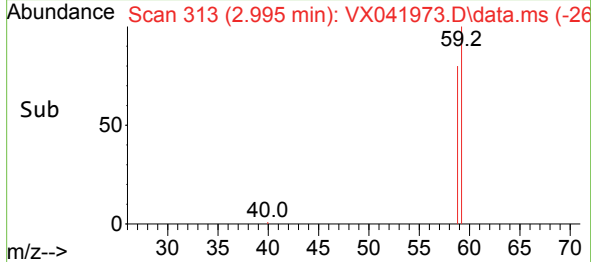
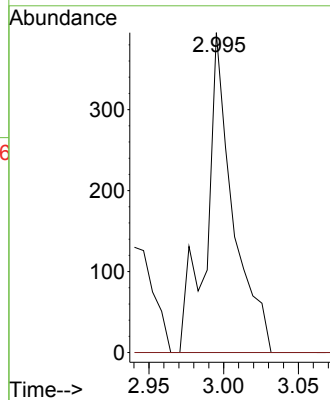
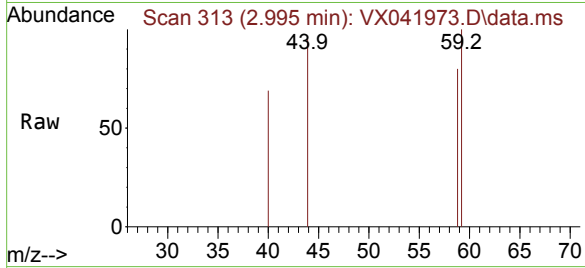
MDL-WATER-03-QT2-2024

Tgt Ion: 59 Resp: 488

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#12

1,1-Dichloroethene

Concen: 0.227 ug/l

RT: 2.306 min Scan# 200

Delta R.T. -0.000 min

Lab File: VX041973.D

Acq: 21 Jun 2024 12:03

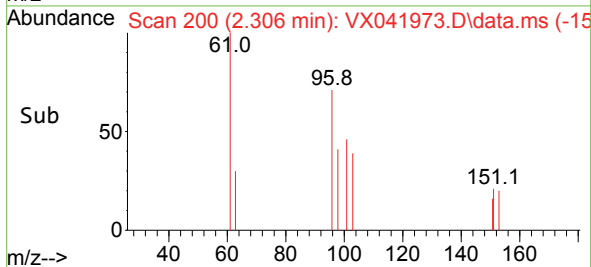
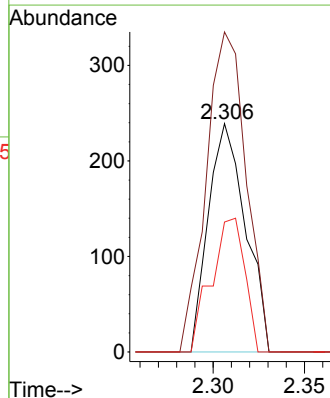
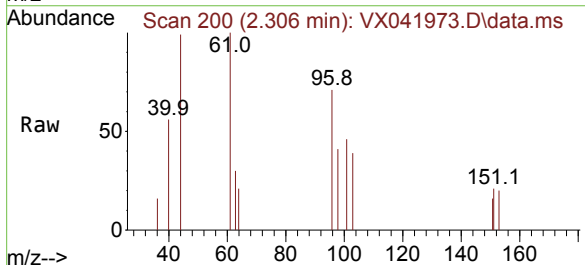
Tgt Ion: 96 Resp: 339

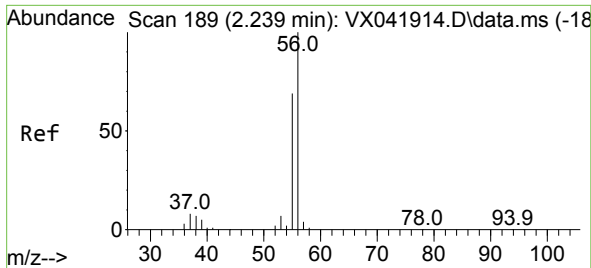
Ion Ratio Lower Upper

96 100

61 140.2 144.6 216.8#

98 56.9 50.4 75.6





#13

Acrolein

Concen: 0.815 ug/l

RT: 2.239 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX041973.D

Acq: 21 Jun 2024 12:03

Instrument :

MSVOA_X

ClientSampleId :

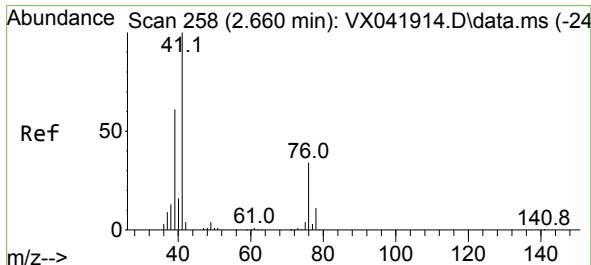
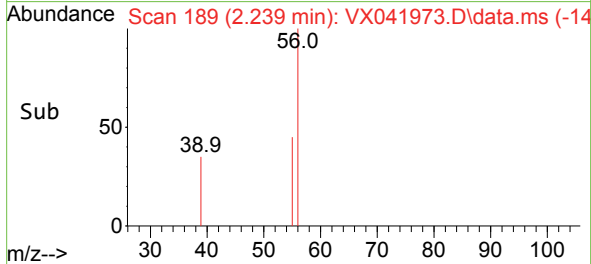
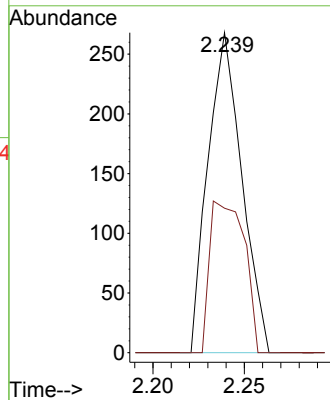
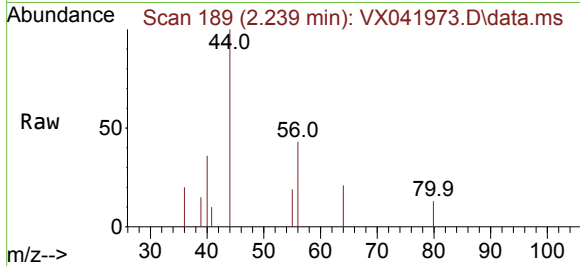
MDL-WATER-03-QT2-2024

Tgt Ion: 56 Resp: 346

Ion Ratio Lower Upper

56 100

55 48.3 57.1 85.7#



#14

Allyl chloride

Concen: 0.233 ug/l

RT: 2.660 min Scan# 258

Delta R.T. -0.000 min

Lab File: VX041973.D

Acq: 21 Jun 2024 12:03

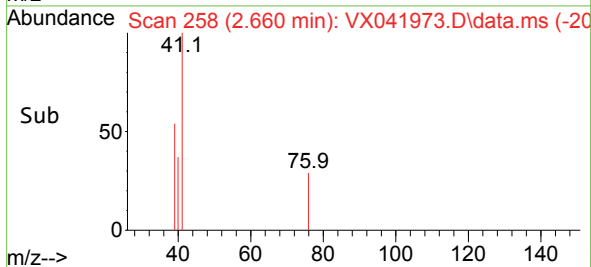
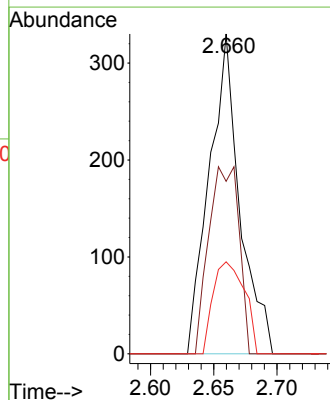
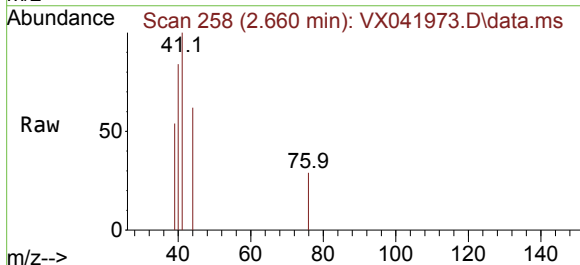
Tgt Ion: 41 Resp: 553

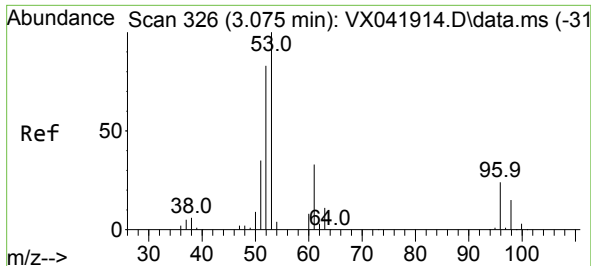
Ion Ratio Lower Upper

41 100

39 58.2 55.8 83.6

76 29.7 24.3 36.5

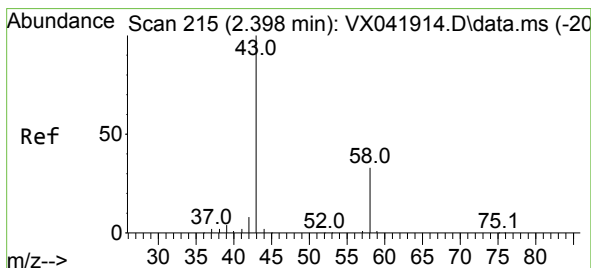
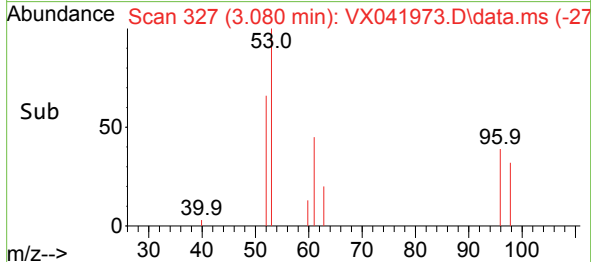
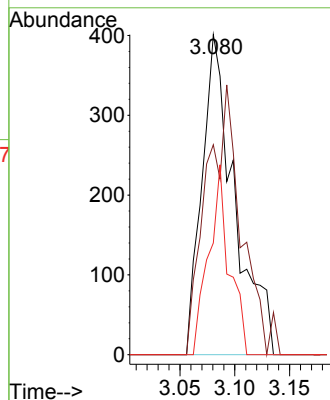
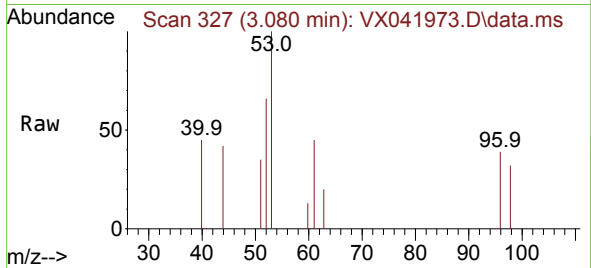




#15
Acrylonitrile
Concen: 0.839 ug/l
RT: 3.080 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX041973.D
Acq: 21 Jun 2024 12:03

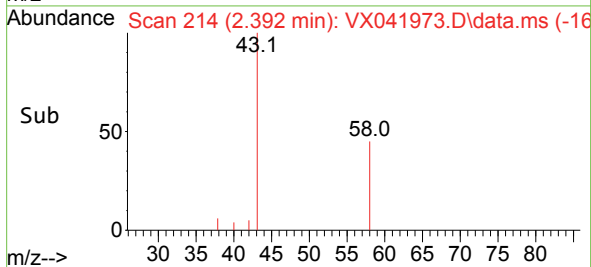
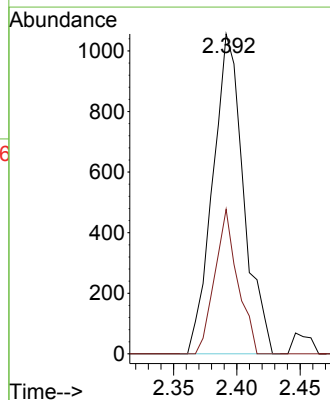
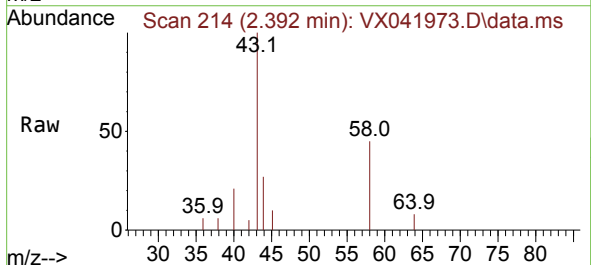
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2024

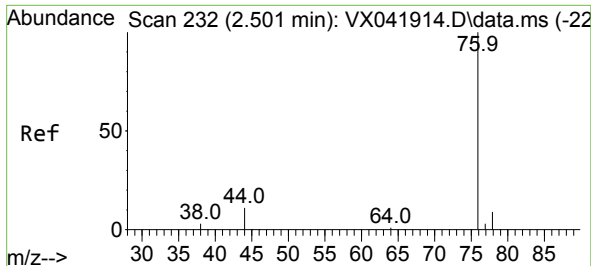
Tgt Ion:	53	Resp:	830
Ion	Ratio	Lower	Upper
53	100		
52	90.1	66.0	99.0
51	37.2	29.8	44.6



#16
Acetone
Concen: 2.040 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX041973.D
Acq: 21 Jun 2024 12:03

Tgt Ion:	43	Resp:	1788
Ion	Ratio	Lower	Upper
43	100		
58	45.2	21.9	32.9#

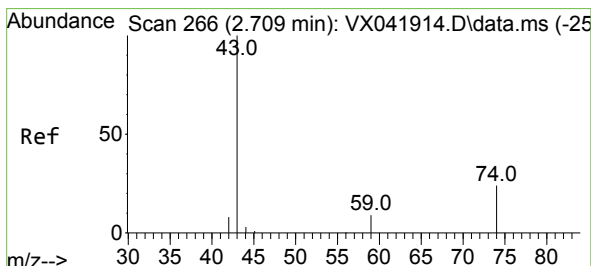
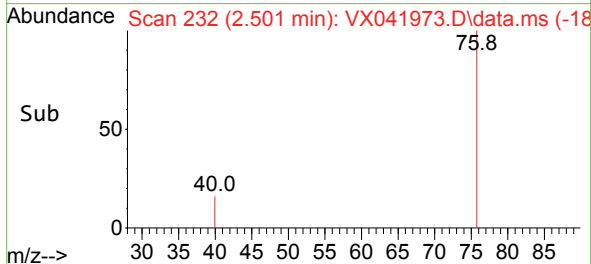
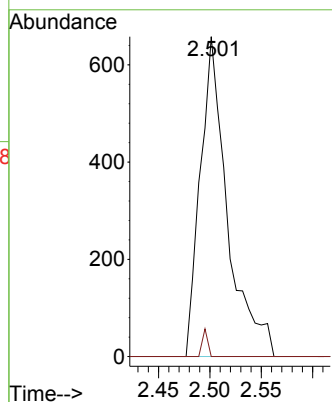
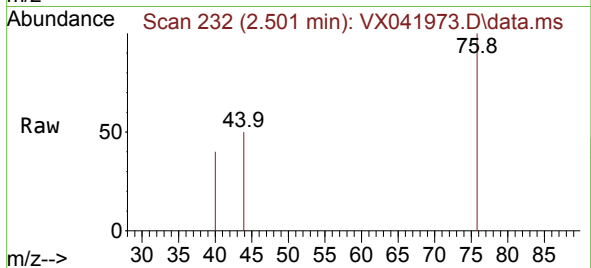




#17
Carbon Disulfide
Concen: 0.399 ug/l
RT: 2.501 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX041973.D
Acq: 21 Jun 2024 12:03

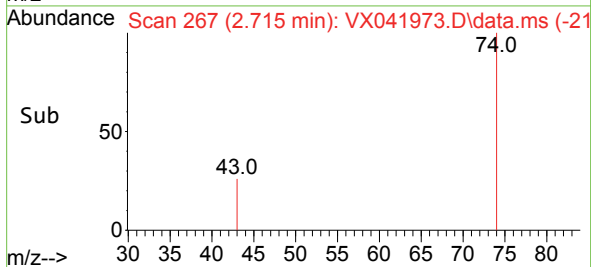
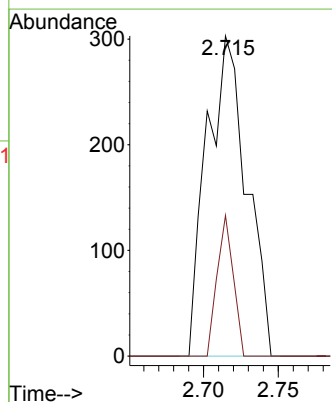
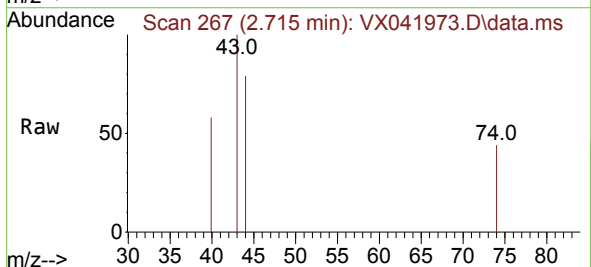
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2024

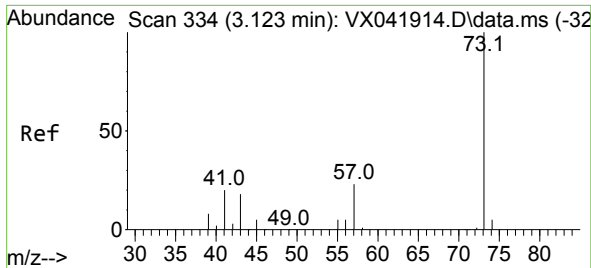
Tgt Ion: 76 Resp: 1214
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.6#



#18
Methyl Acetate
Concen: 0.235 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.006 min
Lab File: VX041973.D
Acq: 21 Jun 2024 12:03

Tgt Ion: 43 Resp: 561
Ion Ratio Lower Upper
43 100
74 17.8 17.8 26.8#

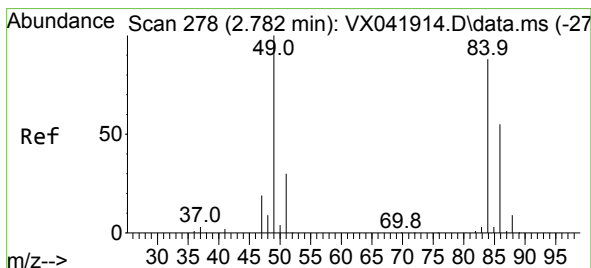
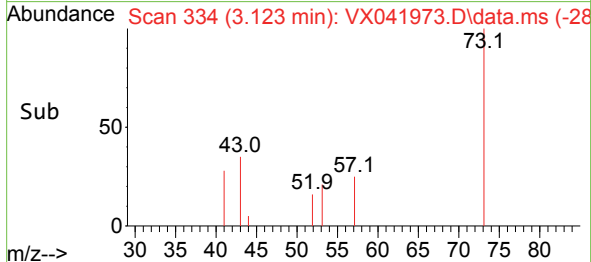
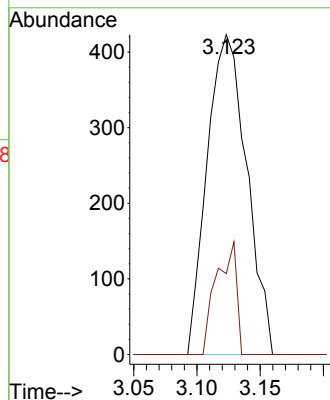
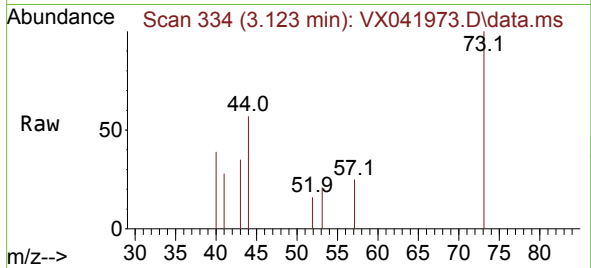




#19
Methyl tert-butyl Ether
Concen: 0.186 ug/l
RT: 3.123 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX041973.D
Acq: 21 Jun 2024 12:03

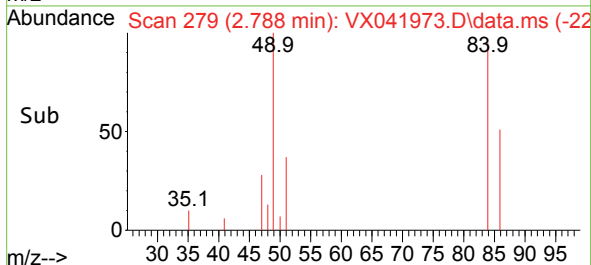
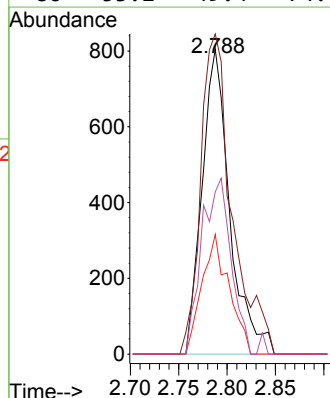
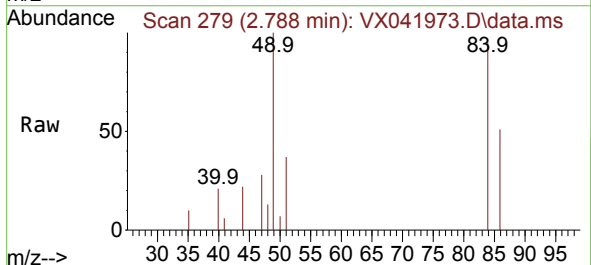
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2024

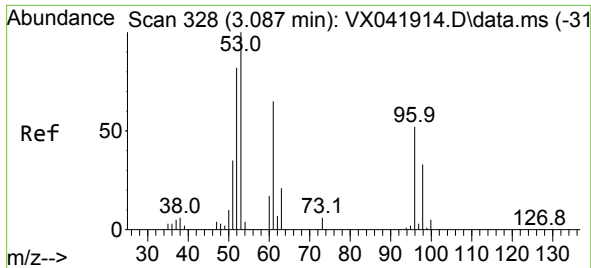
Tgt Ion: 73 Resp: 920
Ion Ratio Lower Upper
73 100
57 25.3 17.3 25.9



#20
Methylene Chloride
Concen: 0.837 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX041973.D
Acq: 21 Jun 2024 12:03

Tgt Ion: 84 Resp: 1607
Ion Ratio Lower Upper
84 100
49 105.0 103.6 155.4
51 39.3 33.8 50.6
86 53.2 49.4 74.0

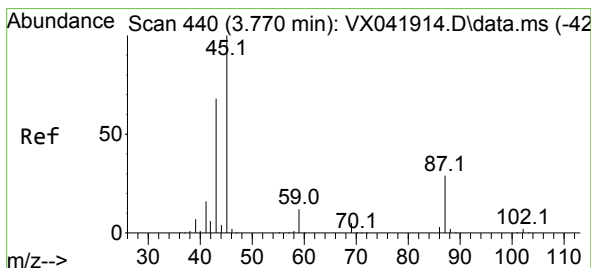
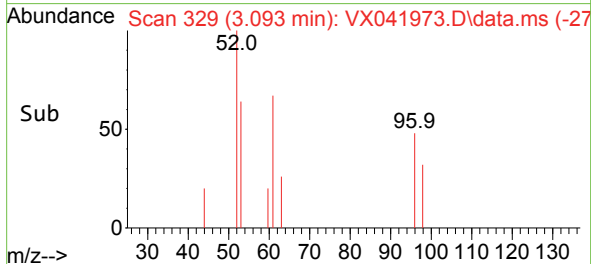
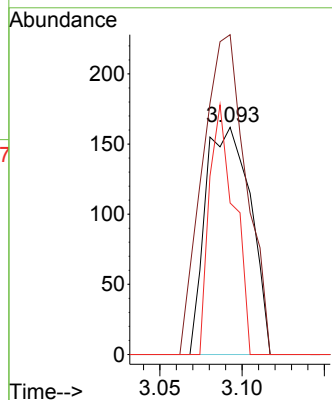
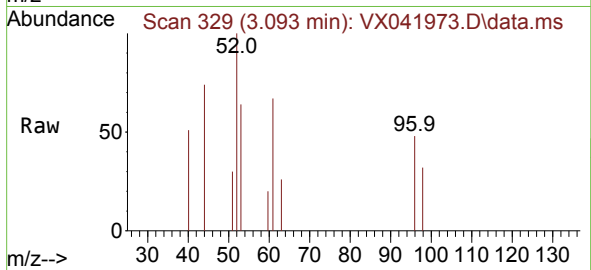




#21
trans-1,2-Dichloroethene
Concen: 0.203 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX041973.D
Acq: 21 Jun 2024 12:03

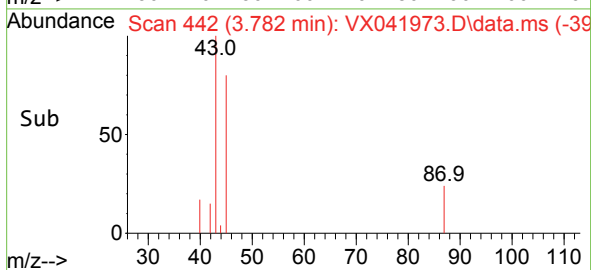
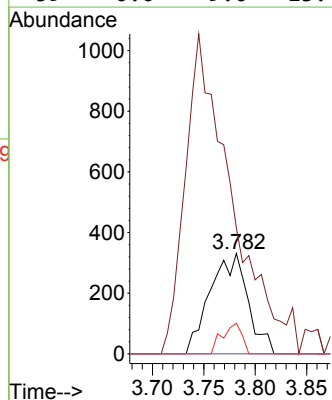
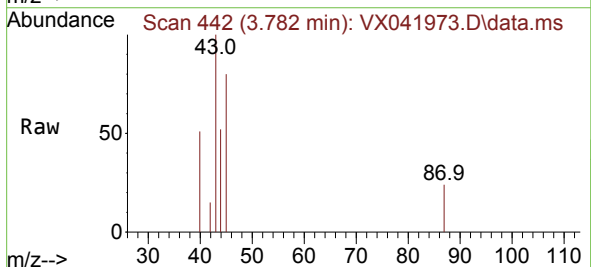
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2024

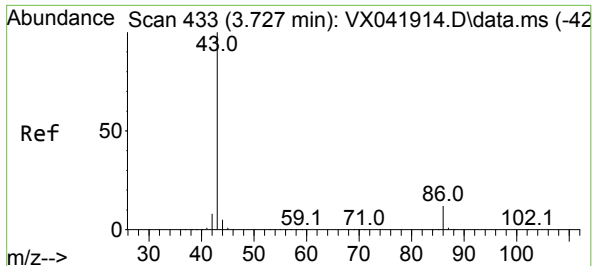
Tgt Ion: 96 Resp: 308
Ion Ratio Lower Upper
96 100
61 140.7 119.2 178.8
98 66.7 48.7 73.1



#22
Diisopropyl ether
Concen: 0.169 ug/l
RT: 3.782 min Scan# 442
Delta R.T. 0.012 min
Lab File: VX041973.D
Acq: 21 Jun 2024 12:03

Tgt Ion: 45 Resp: 847
Ion Ratio Lower Upper
45 100
43 92.7 69.7 104.5
87 30.5 20.8 31.2
59 0.0 9.0 13.4





#23

Vinyl Acetate

Concen: 0.774 ug/l

RT: 3.745 min Scan# 41

Delta R.T. 0.018 min

Lab File: VX041973.D

Acq: 21 Jun 2024 12:03

Instrument :

MSVOA_X

ClientSampleId :

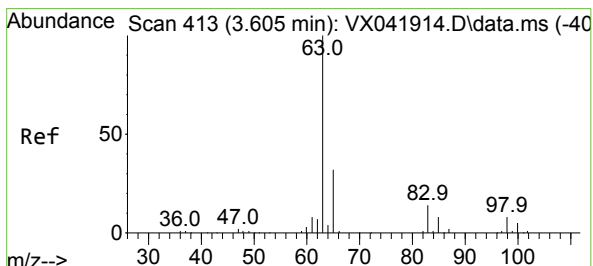
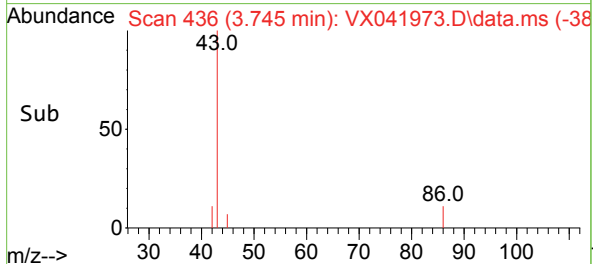
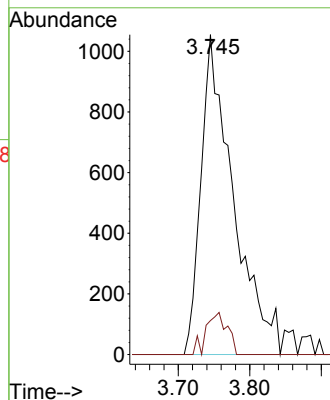
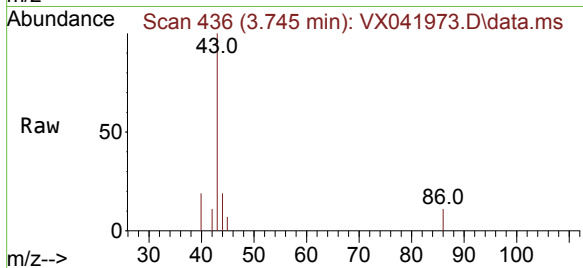
MDL-WATER-03-QT2-2024

Tgt Ion: 43 Resp: 3309

Ion Ratio Lower Upper

43 100

86 10.6 7.8 11.8



#24

1,1-Dichloroethane

Concen: 0.202 ug/l

RT: 3.617 min Scan# 415

Delta R.T. 0.012 min

Lab File: VX041973.D

Acq: 21 Jun 2024 12:03

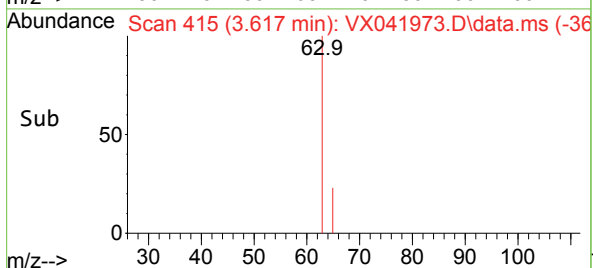
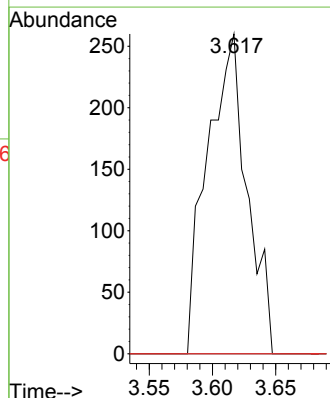
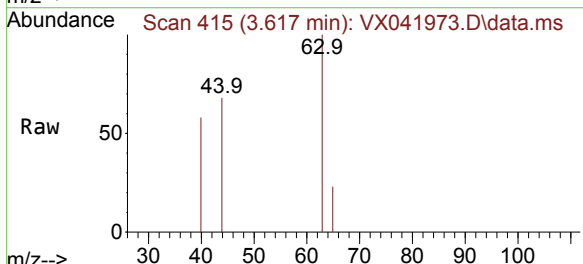
Tgt Ion: 63 Resp: 567

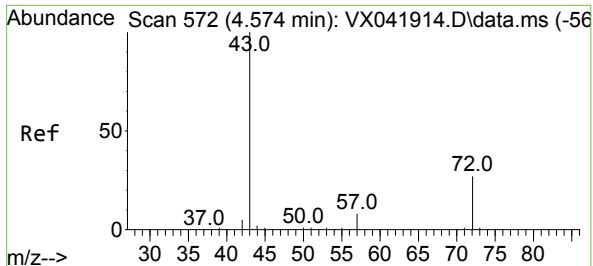
Ion Ratio Lower Upper

63 100

98 0.0 3.3 9.8#

100 0.0 2.1 6.5#





#25

2-Butanone

Concen: 0.741 ug/l

RT: 4.617 min Scan# 51

Delta R.T. 0.042 min

Lab File: VX041973.D

Acq: 21 Jun 2024 12:03

Instrument :

MSVOA_X

ClientSampleId :

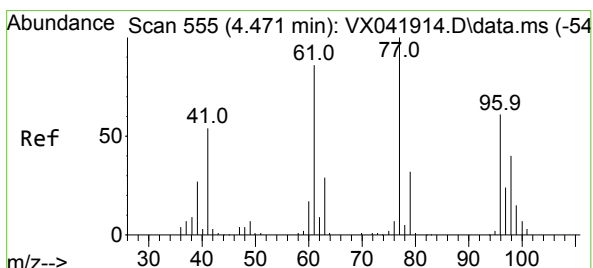
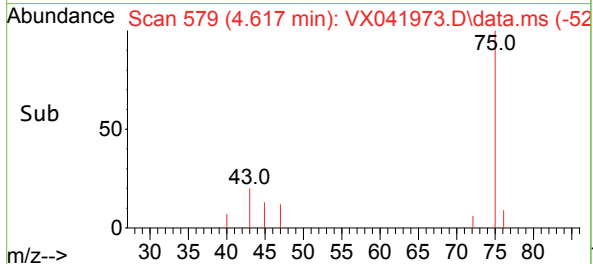
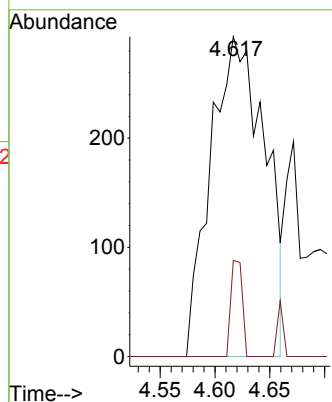
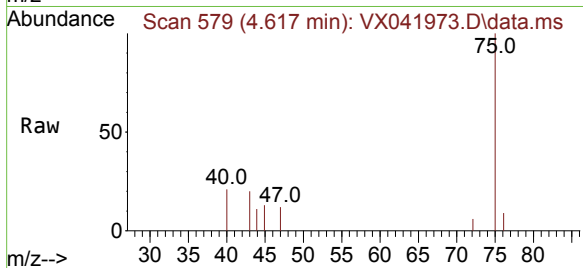
MDL-WATER-03-QT2-2024

Tgt Ion: 43 Resp: 1011

Ion Ratio Lower Upper

43 100

72 30.0 19.4 29.2#



#26

2,2-Dichloropropane

Concen: 0.109 ug/l

RT: 4.470 min Scan# 555

Delta R.T. -0.000 min

Lab File: VX041973.D

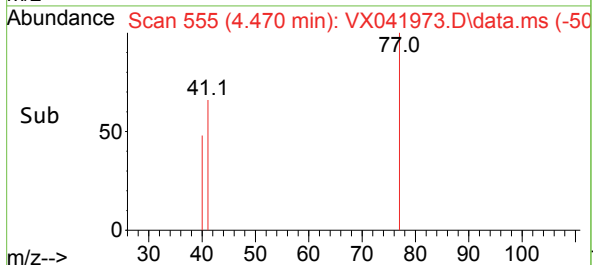
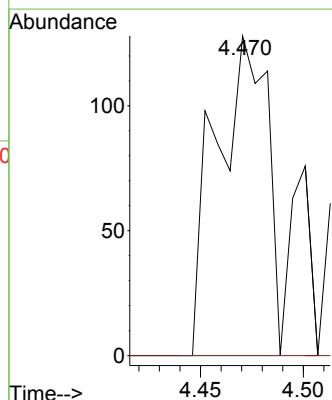
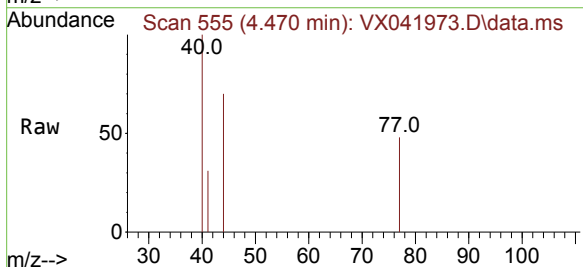
Acq: 21 Jun 2024 12:03

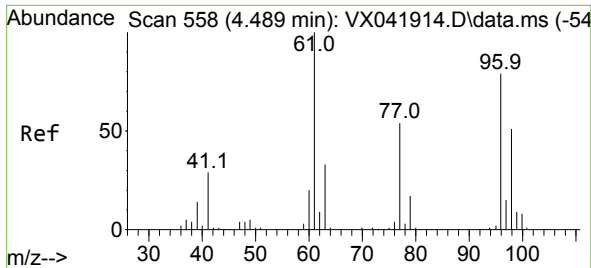
Tgt Ion: 77 Resp: 222

Ion Ratio Lower Upper

77 100

97 0.0 10.8 32.3#





#27

cis-1,2-Dichloroethene

Concen: 0.164 ug/l

RT: 4.501 min Scan# 5

Delta R.T. 0.012 min

Lab File: VX041973.D

Acq: 21 Jun 2024 12:03

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT2-2024

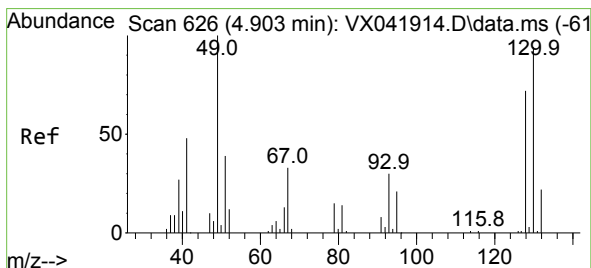
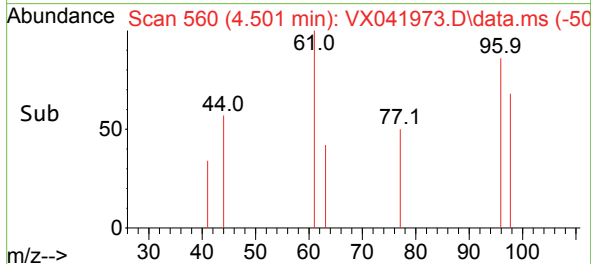
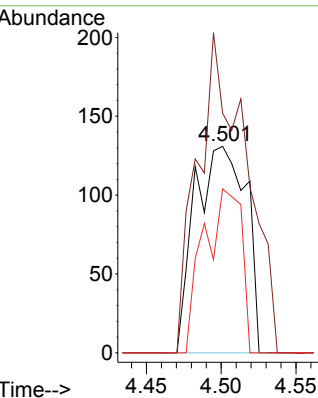
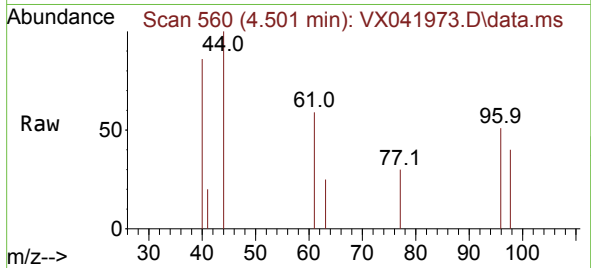
Tgt Ion: 96 Resp: 311

Ion Ratio Lower Upper

96 100

61 146.0 0.0 312.2

98 58.5 0.0 129.0



#28

Bromochloromethane

Concen: 0.086 ug/l

RT: 4.915 min Scan# 628

Delta R.T. 0.012 min

Lab File: VX041973.D

Acq: 21 Jun 2024 12:03

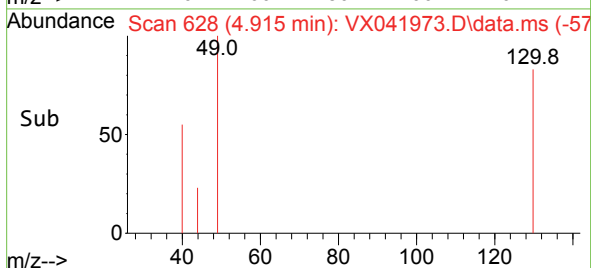
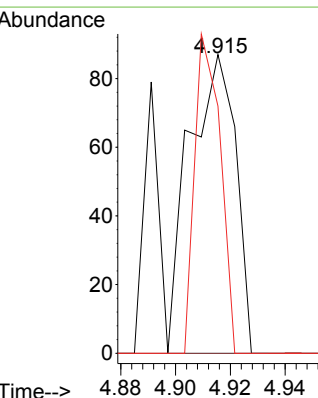
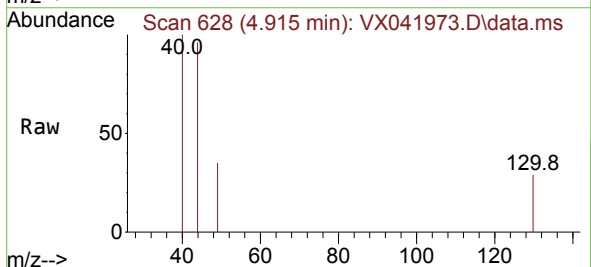
Tgt Ion: 49 Resp: 103

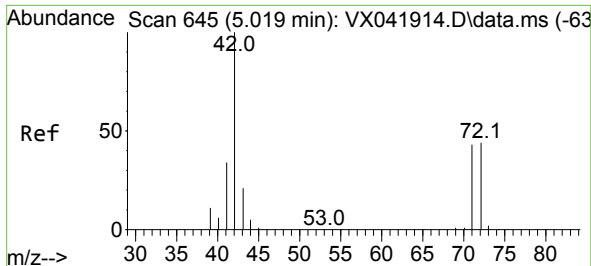
Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.8

130 58.3 57.5 86.3





#29

Tetrahydrofuran

Concen: 0.494 ug/l

RT: 5.043 min Scan# 64

Delta R.T. 0.024 min

Lab File: VX041973.D

Acq: 21 Jun 2024 12:03

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT2-2024

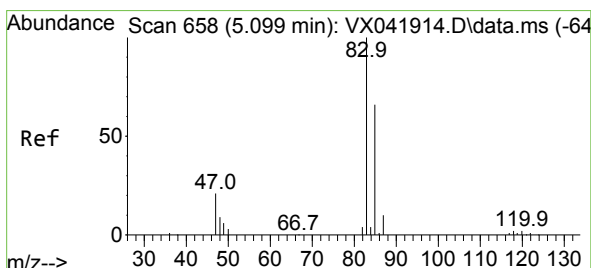
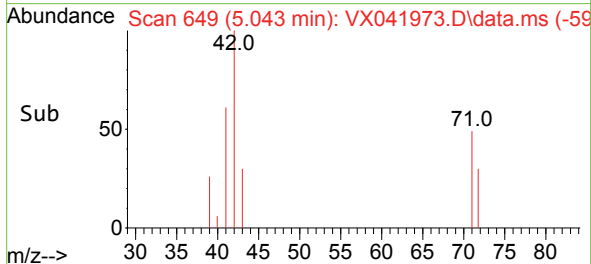
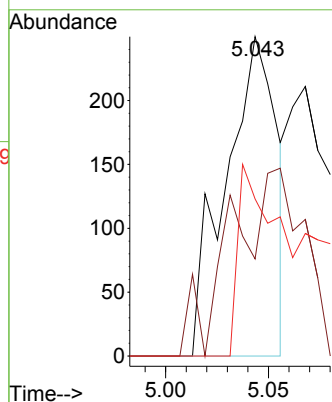
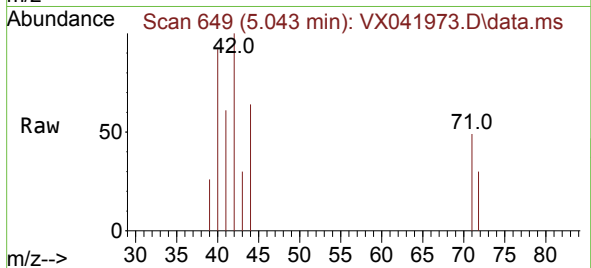
Tgt Ion: 42 Resp: 435

Ion Ratio Lower Upper

42 100

72 36.1 34.2 51.4

71 47.4 32.2 48.2



#30

Chloroform

Concen: 0.224 ug/l

RT: 5.104 min Scan# 659

Delta R.T. 0.006 min

Lab File: VX041973.D

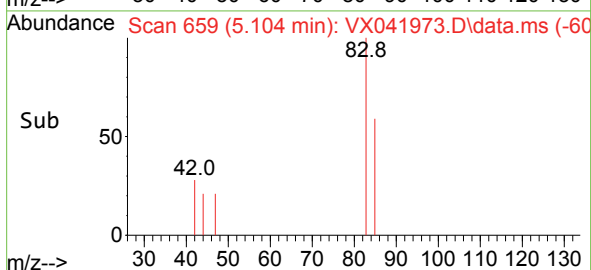
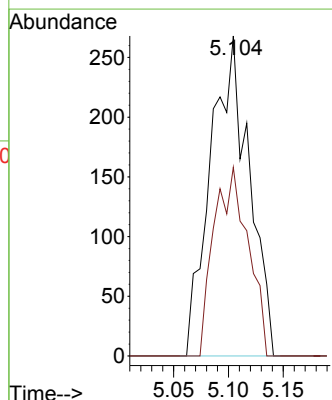
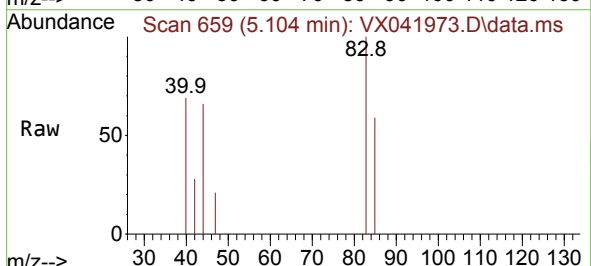
Acq: 21 Jun 2024 12:03

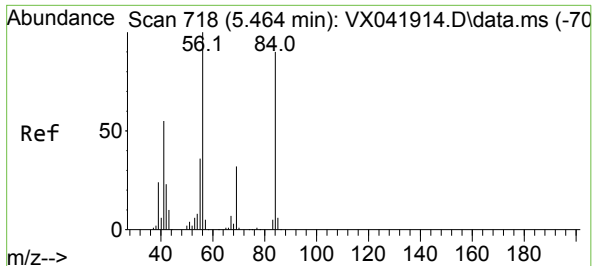
Tgt Ion: 83 Resp: 655

Ion Ratio Lower Upper

83 100

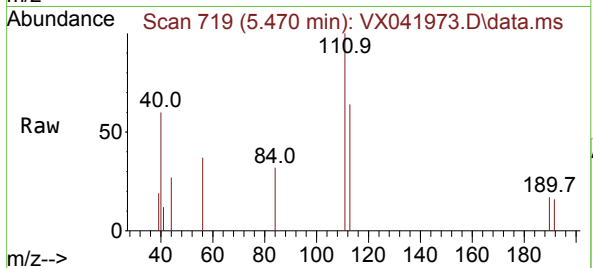
85 59.0 50.3 75.5



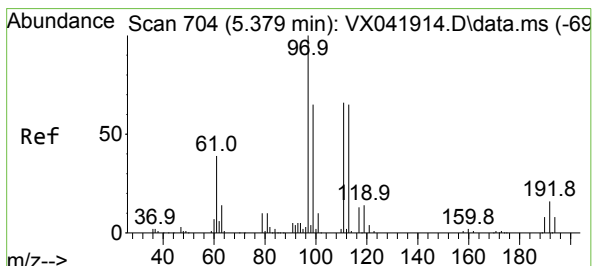
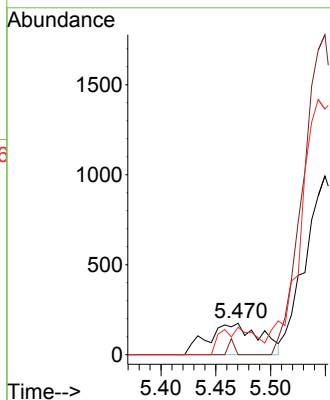
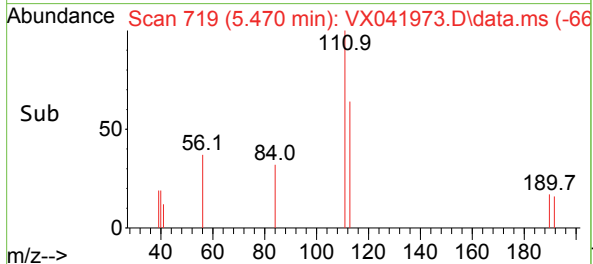


#31
Cyclohexane
Concen: 0.245 ug/l
RT: 5.470 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX041973.D
Acq: 21 Jun 2024 12:03

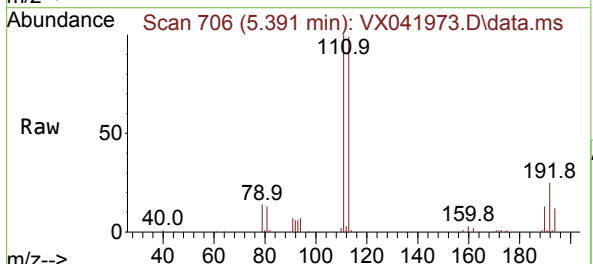
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2024



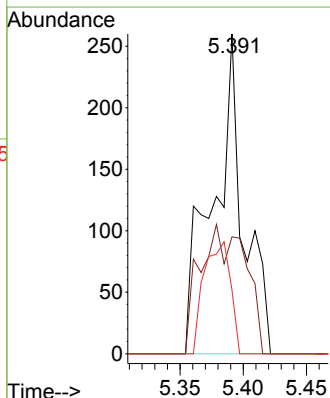
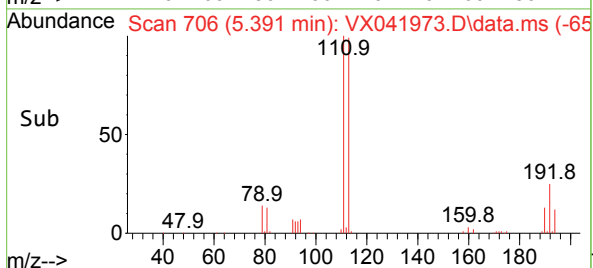
Tgt Ion: 56 Resp: 572
Ion Ratio Lower Upper
56 100
69 0.0 23.4 35.2#
84 86.9 65.9 98.9

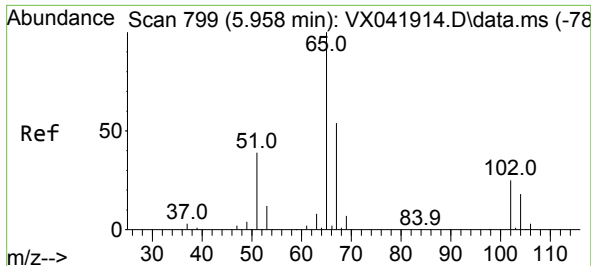


#32
1,1,1-Trichloroethane
Concen: 0.179 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.012 min
Lab File: VX041973.D
Acq: 21 Jun 2024 12:03



Tgt Ion: 97 Resp: 436
Ion Ratio Lower Upper
97 100
99 0.0 51.1 76.7#
61 30.3 36.4 54.6#

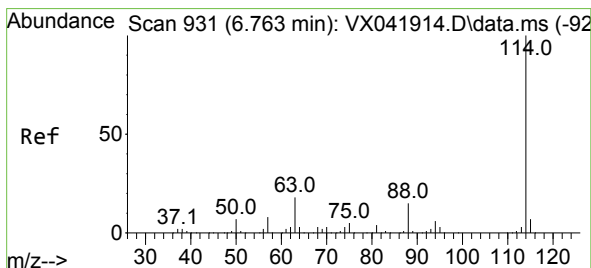
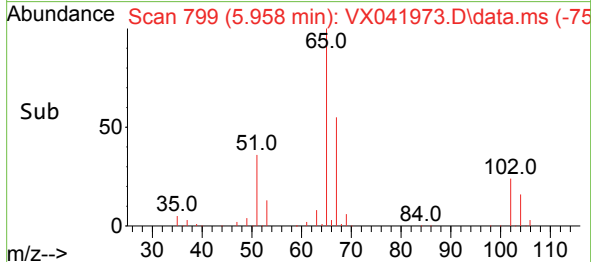
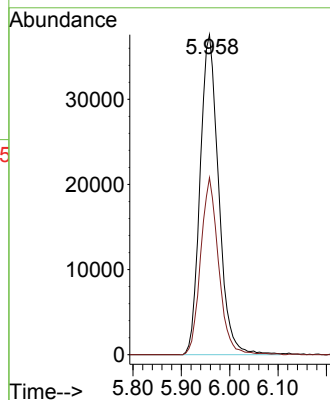
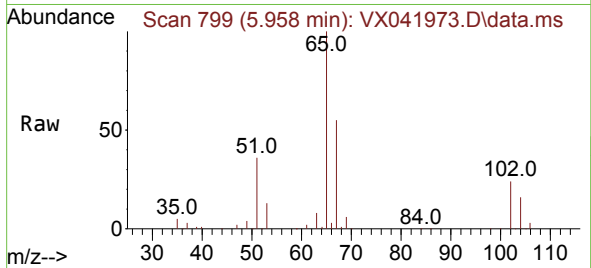




#33
1,2-Dichloroethane-d4
Concen: 50.106 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX041973.D
Acq: 21 Jun 2024 12:03

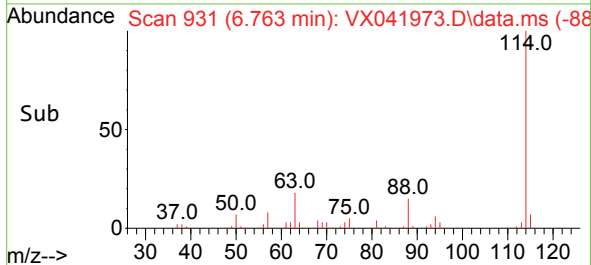
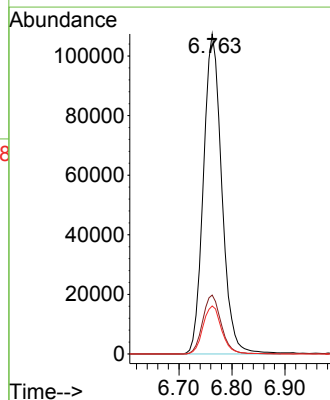
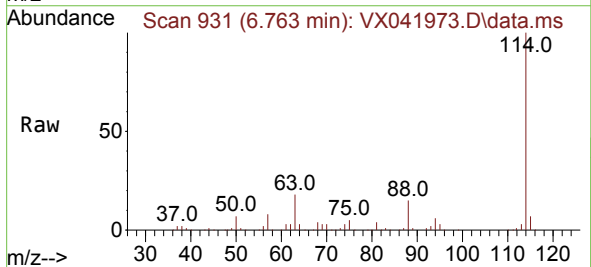
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2024

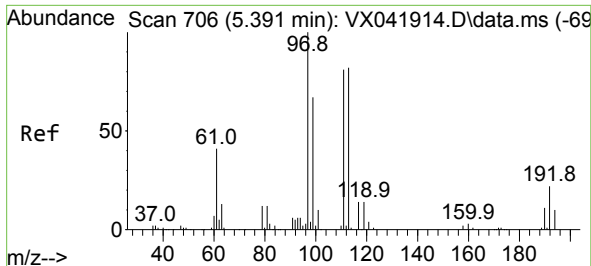
Tgt Ion: 65 Resp: 100037
Ion Ratio Lower Upper
65 100
67 53.5 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX041973.D
Acq: 21 Jun 2024 12:03

Tgt Ion: 114 Resp: 258537
Ion Ratio Lower Upper
114 100
63 18.4 0.0 45.0
88 15.0 0.0 36.6





#35

Dibromofluoromethane

Concen: 48.952 ug/l

RT: 5.391 min Scan# 706

Delta R.T. -0.000 min

Lab File: VX041973.D

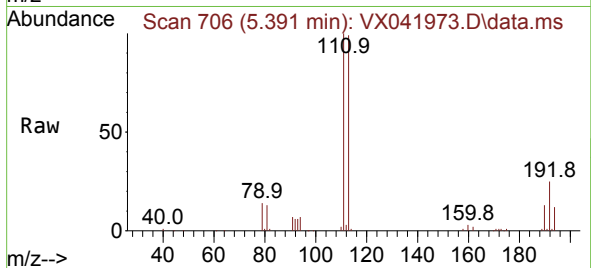
Acq: 21 Jun 2024 12:03

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT2-2024



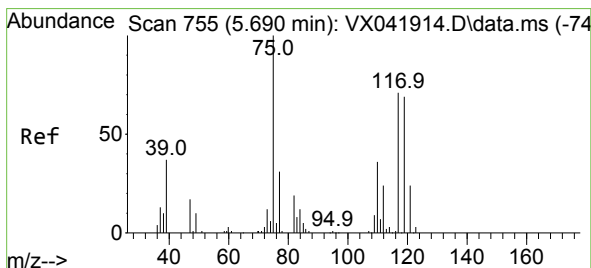
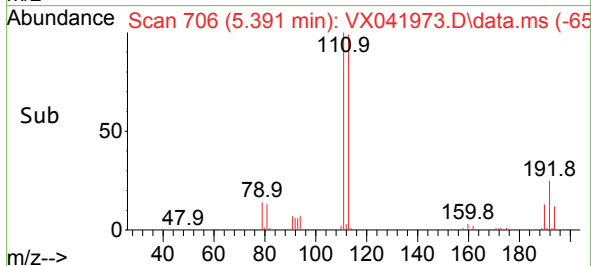
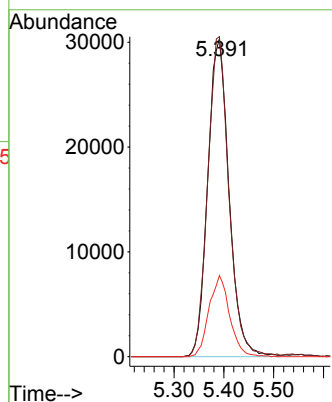
Tgt Ion:113 Resp: 89801

Ion Ratio Lower Upper

113 100

111 100.1 82.9 124.3

192 24.8 13.3 19.9#



#36

1,1-Dichloropropene

Concen: 0.274 ug/l

RT: 5.702 min Scan# 757

Delta R.T. 0.012 min

Lab File: VX041973.D

Acq: 21 Jun 2024 12:03

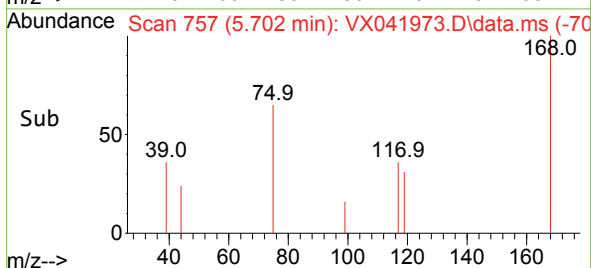
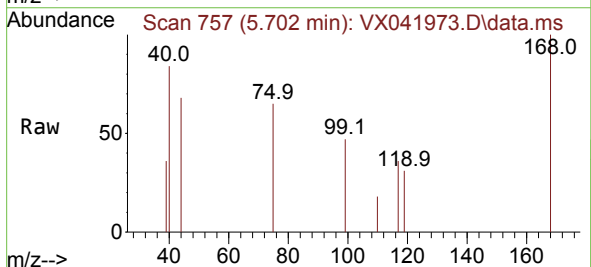
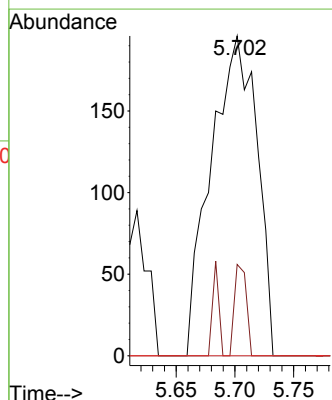
Tgt Ion: 75 Resp: 534

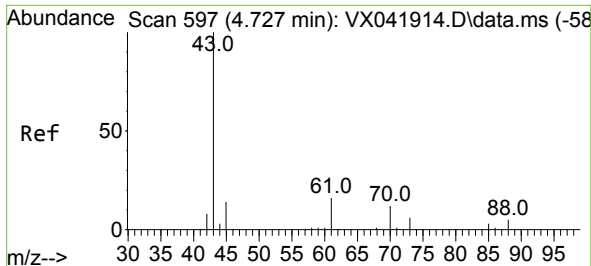
Ion Ratio Lower Upper

75 100

110 7.3 17.0 50.9#

77 0.0 24.7 37.1#





#37

Ethyl Acetate

Concen: 0.153 ug/l

RT: 4.775 min Scan# 605

Delta R.T. 0.049 min

Lab File: VX041973.D

Acq: 21 Jun 2024 12:03

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT2-2024

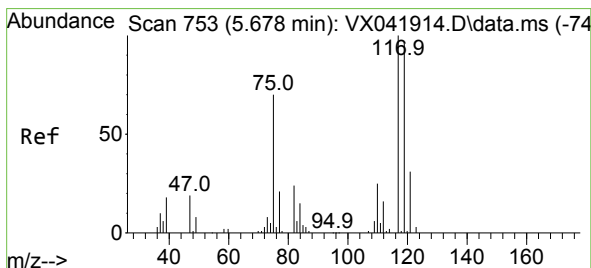
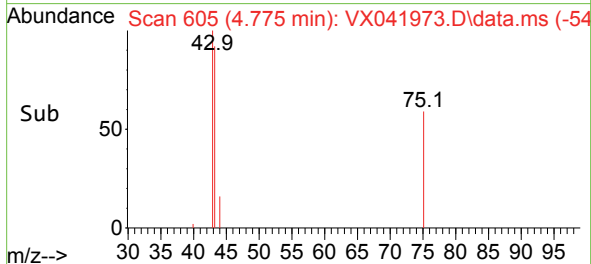
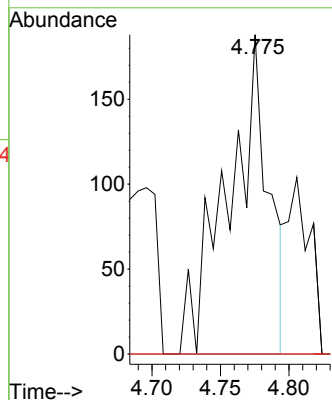
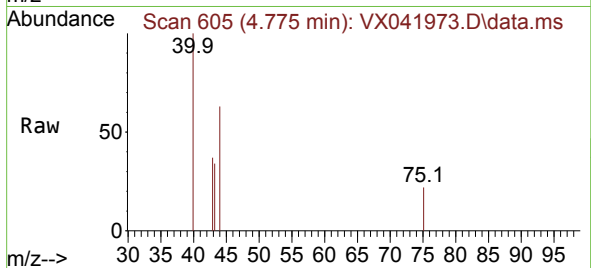
Tgt Ion: 43 Resp: 387

Ion Ratio Lower Upper

43 100

61 0.0 10.6 16.0#

70 0.0 8.3 12.5#



#38

Carbon Tetrachloride

Concen: 0.253 ug/l

RT: 5.678 min Scan# 753

Delta R.T. -0.000 min

Lab File: VX041973.D

Acq: 21 Jun 2024 12:03

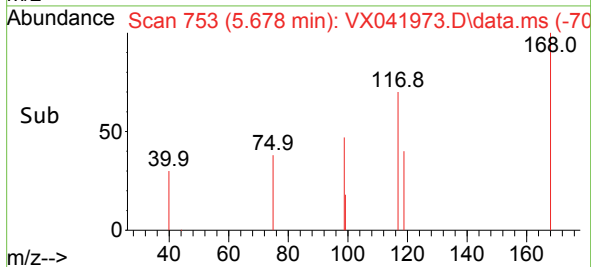
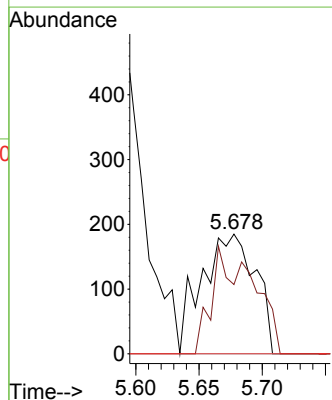
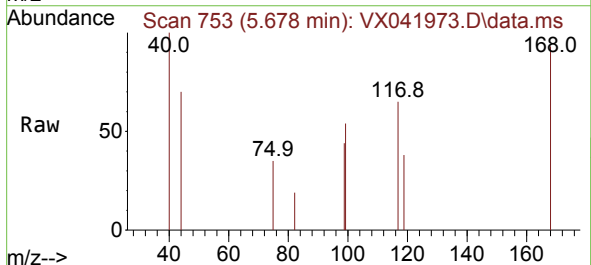
Tgt Ion: 117 Resp: 545

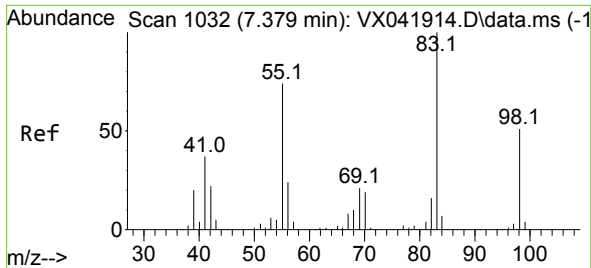
Ion Ratio Lower Upper

117 100

119 57.8 78.2 117.2#

121 0.0 24.4 36.6#

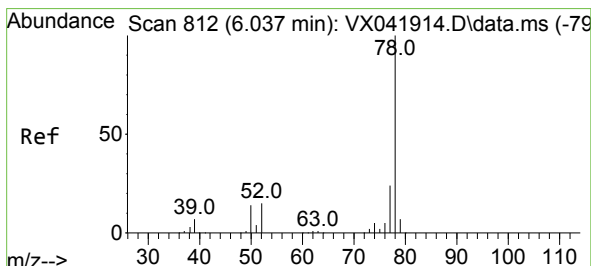
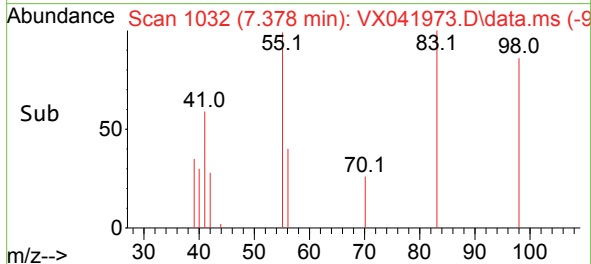
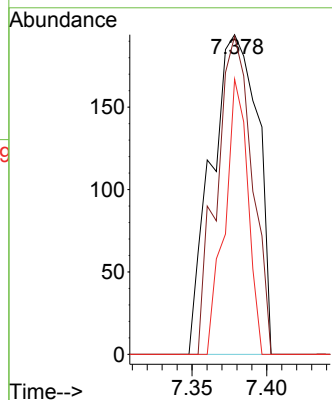
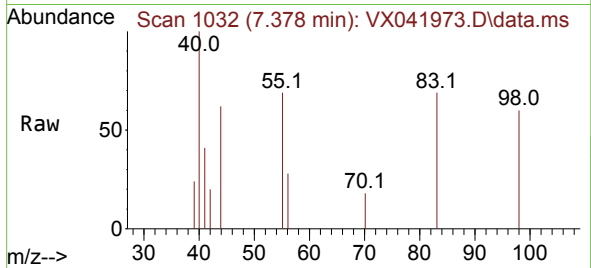




#39
Methylcyclohexane
Concen: 0.170 ug/l
RT: 7.378 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VX041973.D
Acq: 21 Jun 2024 12:03

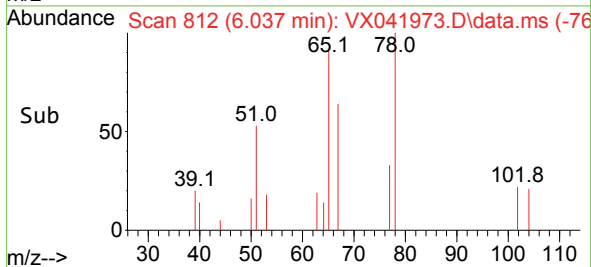
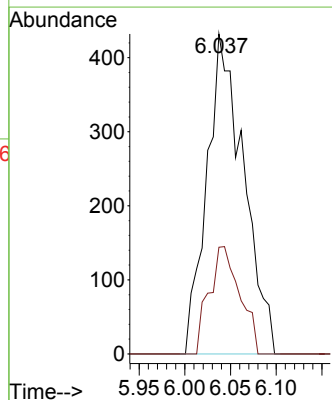
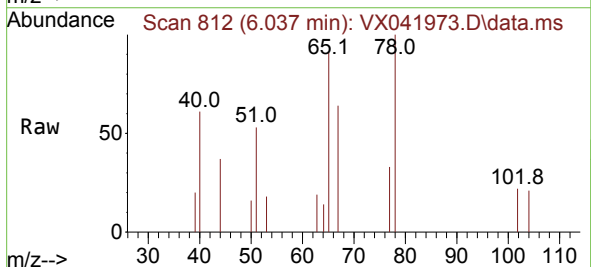
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2024

Tgt Ion: 83 Resp: 418
Ion Ratio Lower Upper
83 100
55 99.5 64.6 97.0#
98 86.1 36.7 55.1#



#40
Benzene
Concen: 0.184 ug/l
RT: 6.037 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX041973.D
Acq: 21 Jun 2024 12:03

Tgt Ion: 78 Resp: 1206
Ion Ratio Lower Upper
78 100
77 33.3 19.3 28.9#

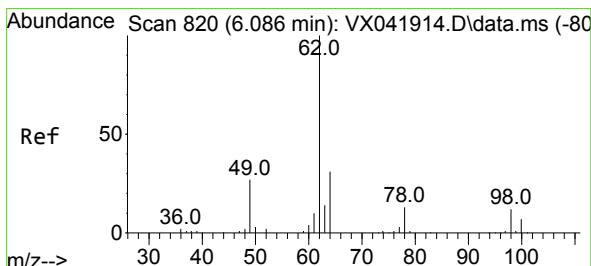
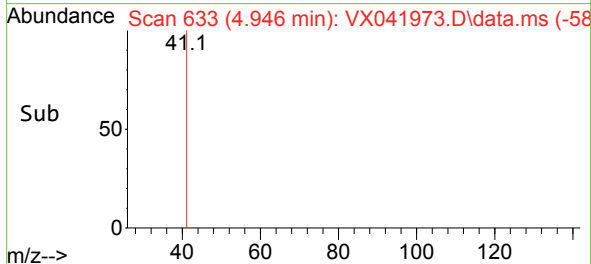
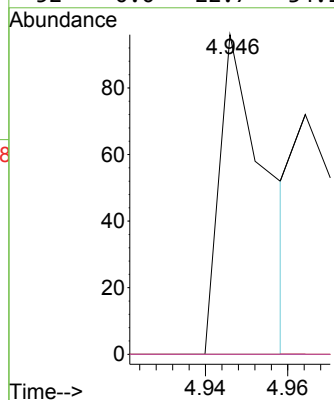
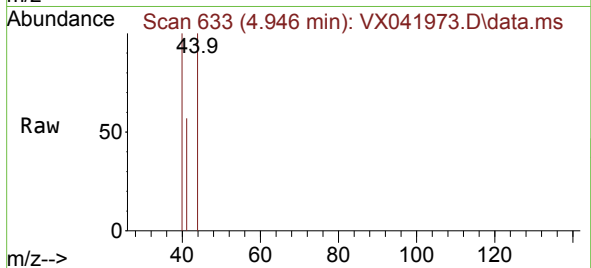




#41
Methacrylonitrile
Concen: 0.055 ug/l
RT: 4.946 min Scan# 61
Delta R.T. 0.018 min
Lab File: VX041973.D
Acq: 21 Jun 2024 12:03

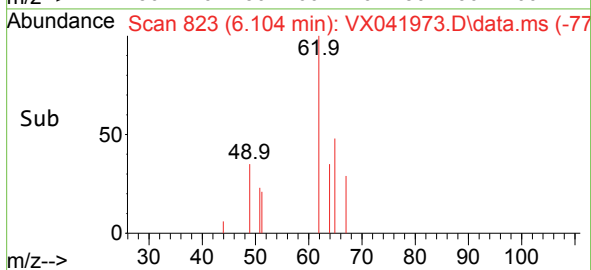
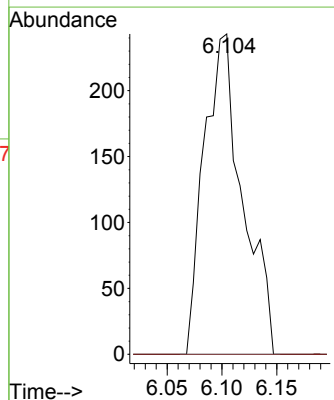
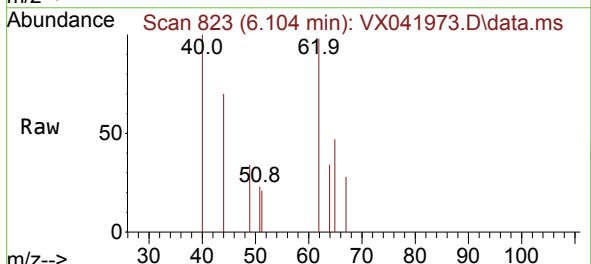
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2024

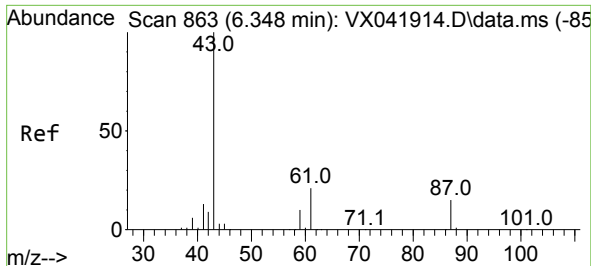
Tgt Ion:	41	Resp:	75
Ion	Ratio	Lower	Upper
41	100		
39	0.0	45.2	67.8#
67	0.0	52.6	78.8#
52	0.0	22.7	34.1#



#42
1,2-Dichloroethane
Concen: 0.281 ug/l
RT: 6.104 min Scan# 823
Delta R.T. 0.018 min
Lab File: VX041973.D
Acq: 21 Jun 2024 12:03

Tgt Ion:	62	Resp:	594
Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	16.0





#43

Isopropyl Acetate

Concen: 0.166 ug/l

RT: 6.366 min Scan# 866

Delta R.T. 0.018 min

Lab File: VX041973.D

Acq: 21 Jun 2024 12:03

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT2-2024

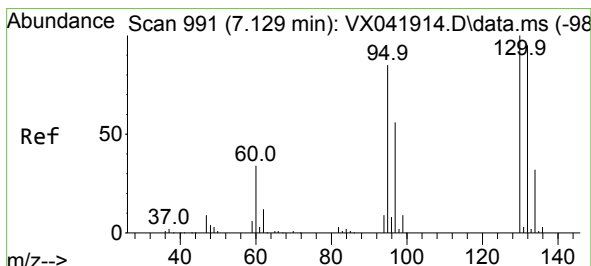
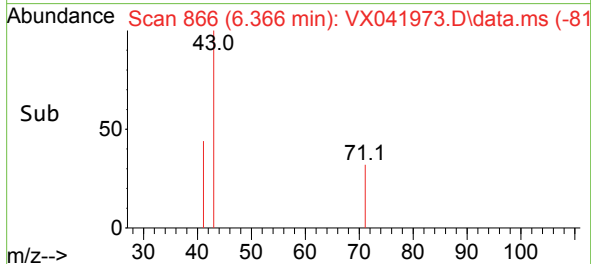
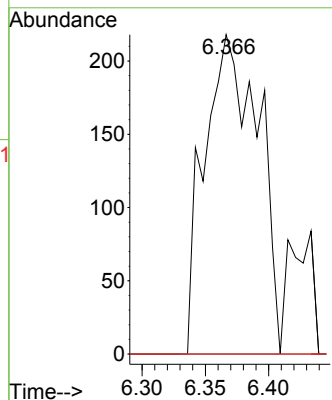
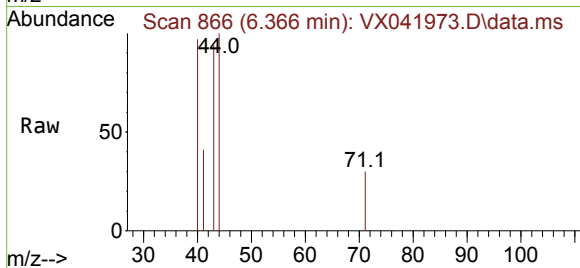
Tgt Ion: 43 Resp: 646

Ion Ratio Lower Upper

43 100

61 0.0 15.2 22.8#

87 0.0 9.8 14.6#



#44

Trichloroethene

Concen: 1.085 ug/l

RT: 7.128 min Scan# 991

Delta R.T. -0.000 min

Lab File: VX041973.D

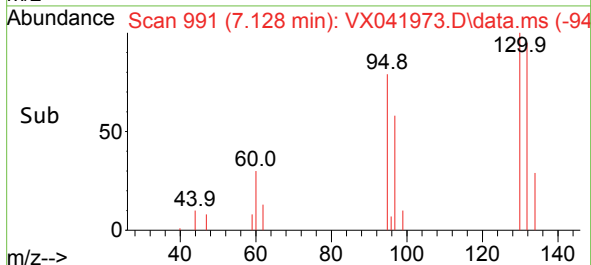
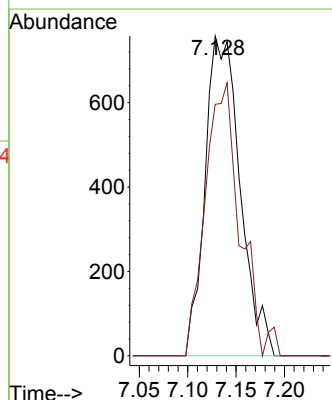
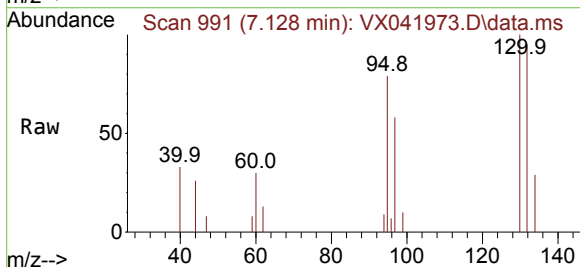
Acq: 21 Jun 2024 12:03

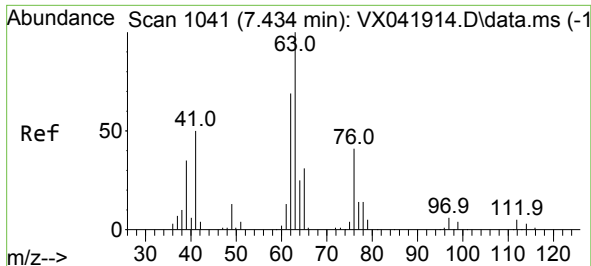
Tgt Ion:130 Resp: 1910

Ion Ratio Lower Upper

130 100

95 78.6 0.0 204.4





#45

1,2-Dichloropropane

Concen: 0.076 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VX041973.D

Acq: 21 Jun 2024 12:03

Instrument :

MSVOA_X

ClientSampleId :

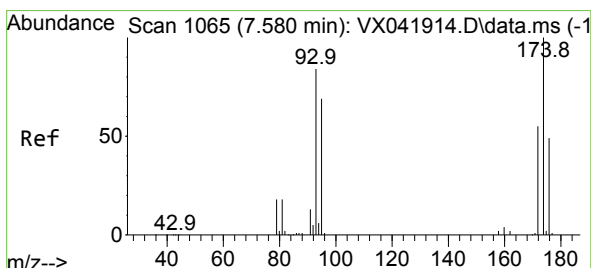
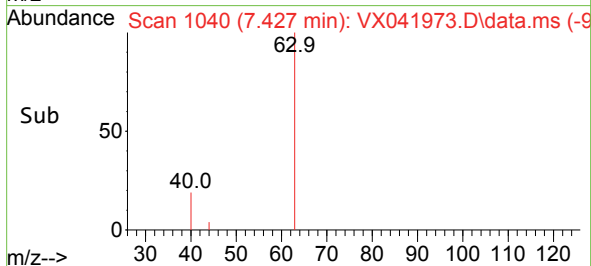
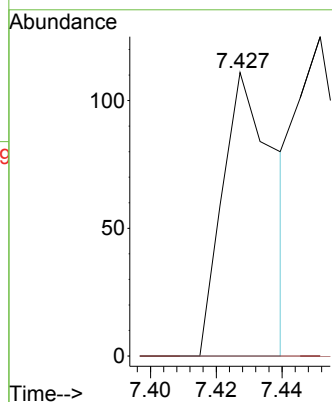
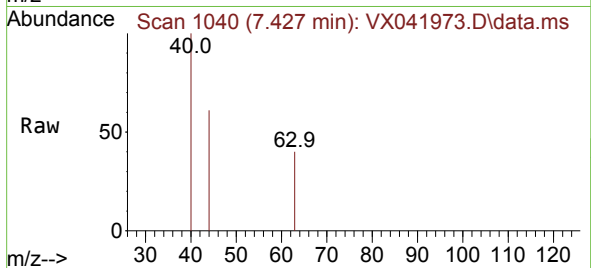
MDL-WATER-03-QT2-2024

Tgt Ion: 63 Resp: 122

Ion Ratio Lower Upper

63 100

65 0.0 24.3 36.5#



#46

Dibromomethane

Concen: 0.173 ug/l

RT: 7.604 min Scan# 1069

Delta R.T. 0.024 min

Lab File: VX041973.D

Acq: 21 Jun 2024 12:03

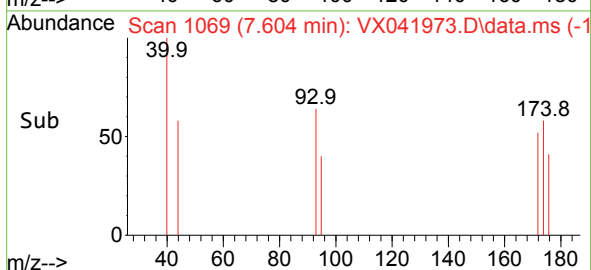
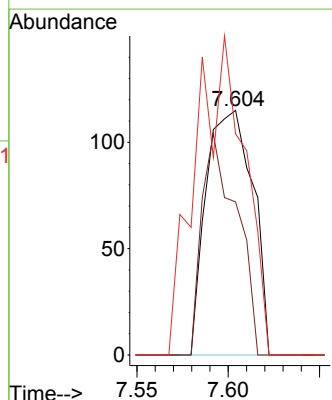
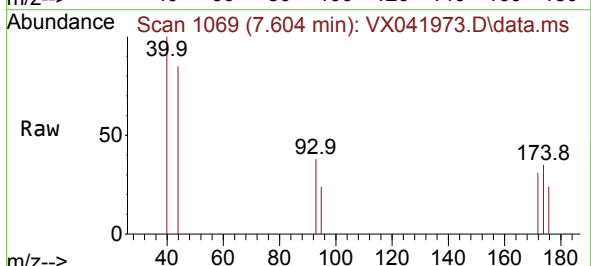
Tgt Ion: 93 Resp: 204

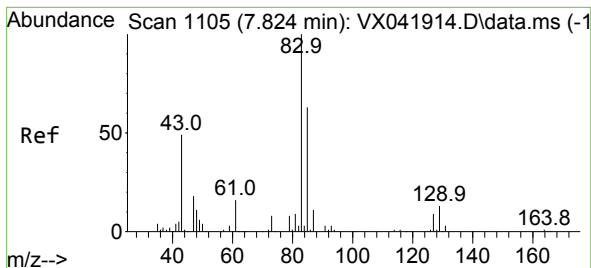
Ion Ratio Lower Upper

93 100

95 67.6 66.6 100.0

174 137.7 69.4 104.0#





#47

Bromodichloromethane

Concen: 0.154 ug/l

RT: 7.836 min Scan# 1107

Delta R.T. 0.012 min

Lab File: VX041973.D

Acq: 21 Jun 2024 12:03

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT2-2024

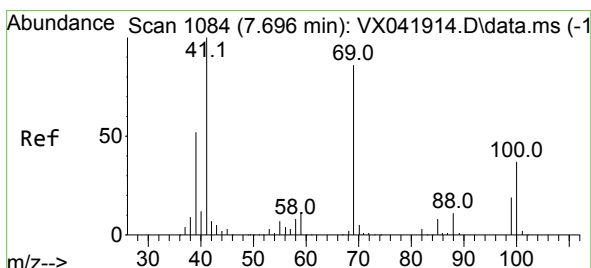
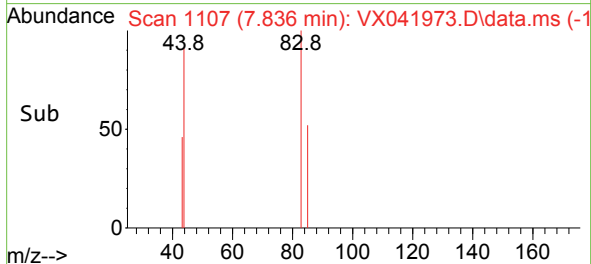
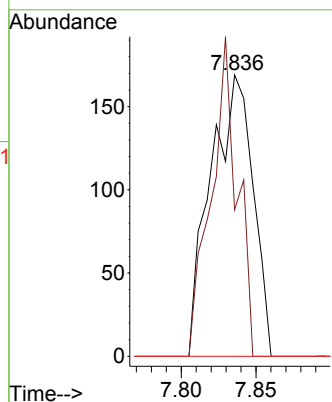
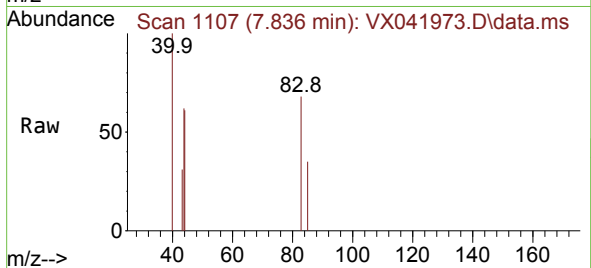
Tgt Ion: 83 Resp: 333

Ion Ratio Lower Upper

83 100

85 52.1 49.8 74.6

127 0.0 7.1 10.7#



#48

Methyl methacrylate

Concen: 0.080 ug/l

RT: 7.738 min Scan# 1091

Delta R.T. 0.043 min

Lab File: VX041973.D

Acq: 21 Jun 2024 12:03

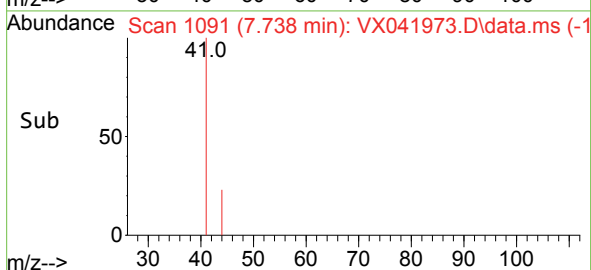
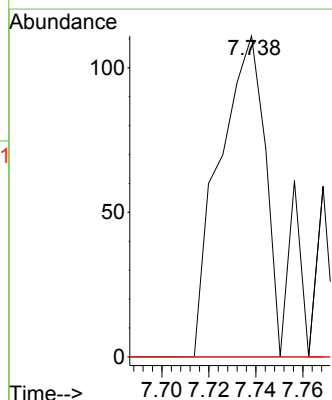
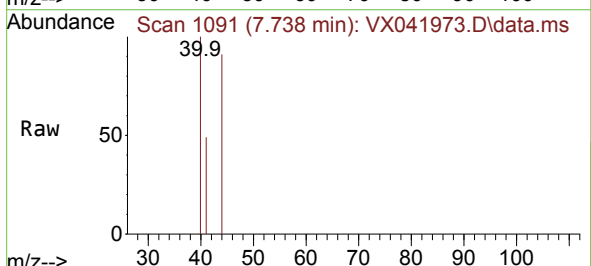
Tgt Ion: 41 Resp: 149

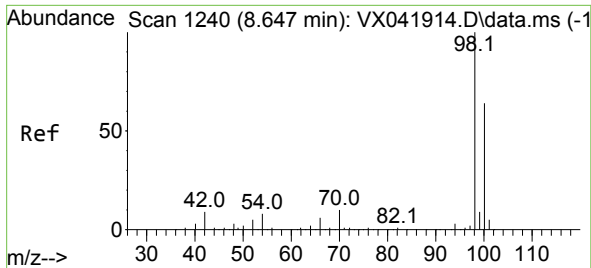
Ion Ratio Lower Upper

41 100

69 0.0 59.2 88.8#

39 0.0 47.7 71.5#

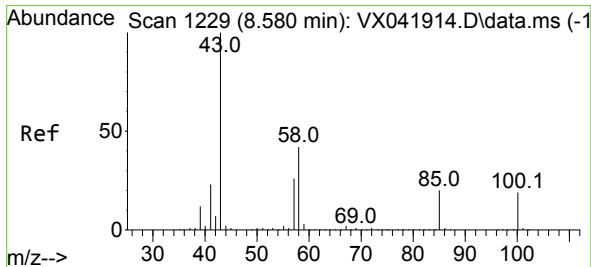
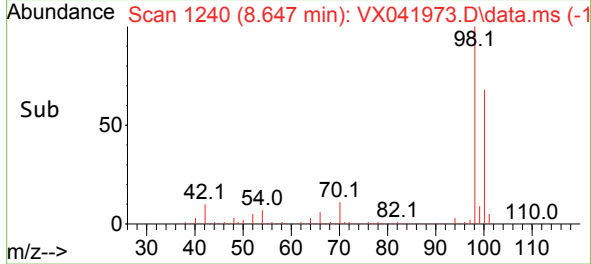
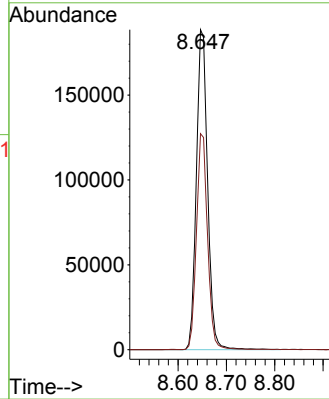
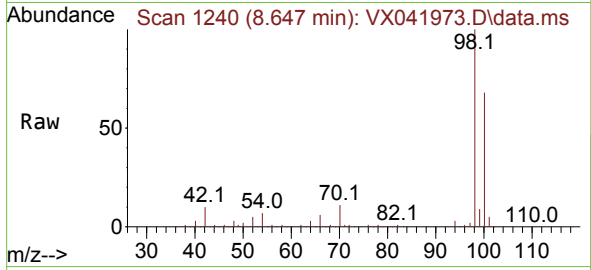




#50
Toluene-d8
Concen: 47.052 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX041973.D
Acq: 21 Jun 2024 12:03

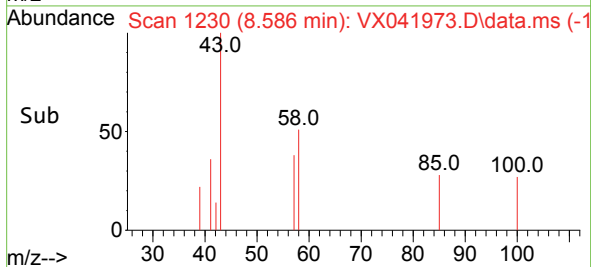
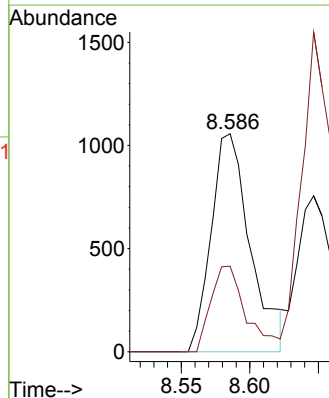
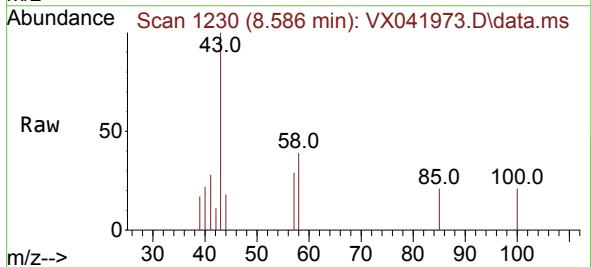
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2024

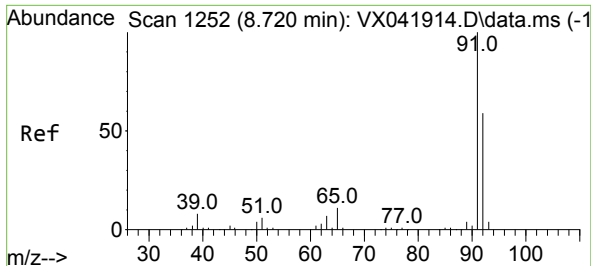
Tgt Ion: 98 Resp: 303230
Ion Ratio Lower Upper
98 100
100 66.5 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.780 ug/l
RT: 8.586 min Scan# 1230
Delta R.T. 0.006 min
Lab File: VX041973.D
Acq: 21 Jun 2024 12:03

Tgt Ion: 43 Resp: 2094
Ion Ratio Lower Upper
43 100
58 35.9 30.4 45.6





#52

Toluene

Concen: 0.209 ug/l

RT: 8.726 min Scan# 1252

Delta R.T. 0.006 min

Lab File: VX041973.D

Acq: 21 Jun 2024 12:03

Instrument :

MSVOA_X

ClientSampleId :

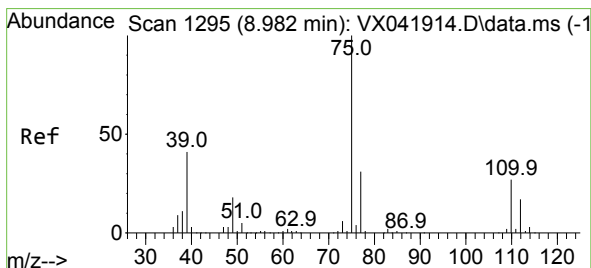
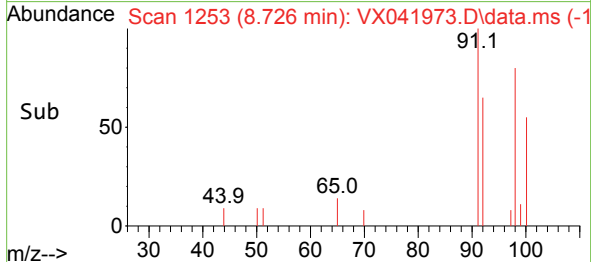
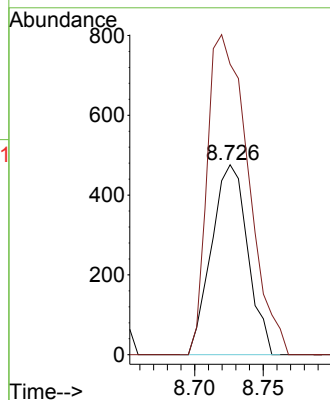
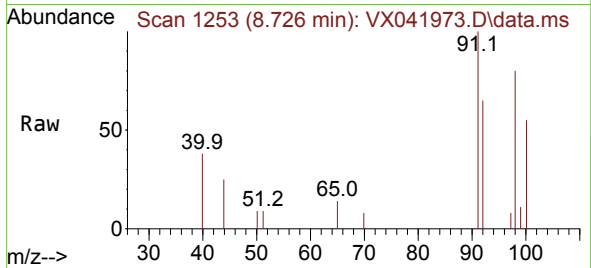
MDL-WATER-03-QT2-2024

Tgt Ion: 92 Resp: 874

Ion Ratio Lower Upper

92 100

91 190.0 134.2 201.2



#53

t-1,3-Dichloropropene

Concen: 0.135 ug/l

RT: 8.994 min Scan# 1297

Delta R.T. 0.012 min

Lab File: VX041973.D

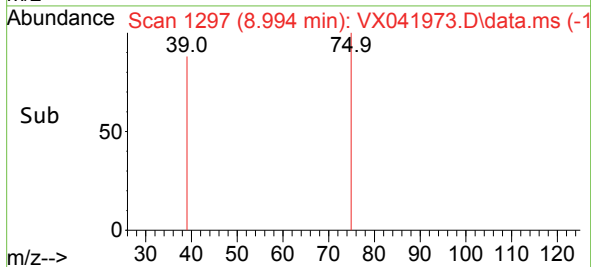
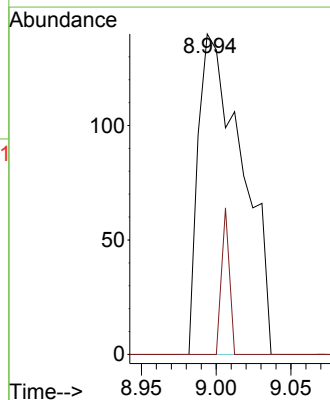
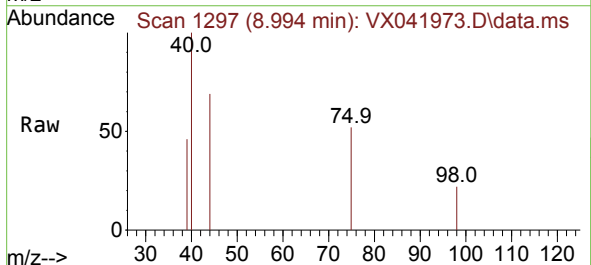
Acq: 21 Jun 2024 12:03

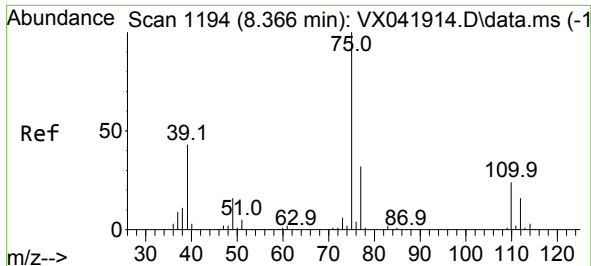
Tgt Ion: 75 Resp: 286

Ion Ratio Lower Upper

75 100

77 0.0 25.7 38.5#

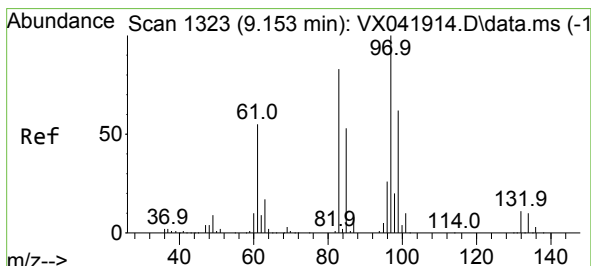
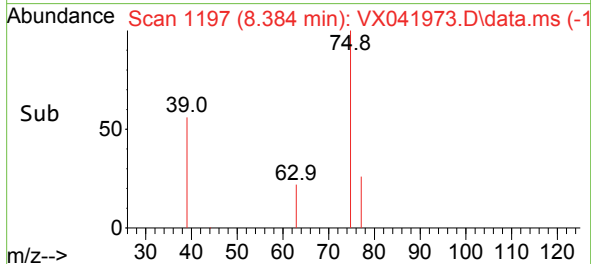
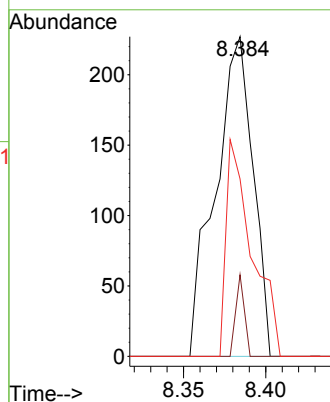
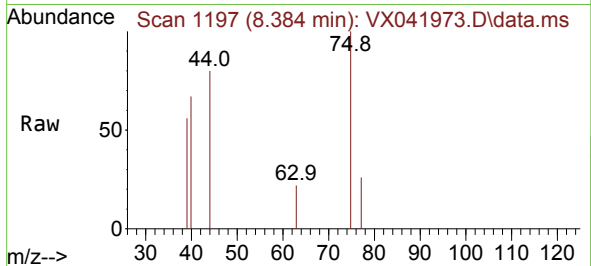




#54
 cis-1,3-Dichloropropene
 Concen: 0.153 ug/l
 RT: 8.384 min Scan# 1197
 Delta R.T. 0.018 min
 Lab File: VX041973.D
 Acq: 21 Jun 2024 12:03

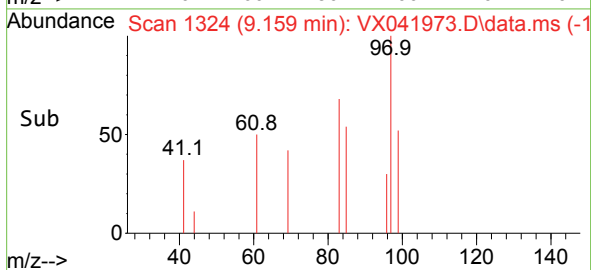
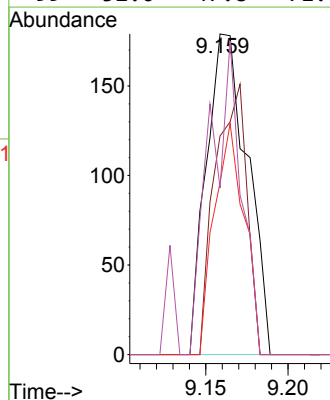
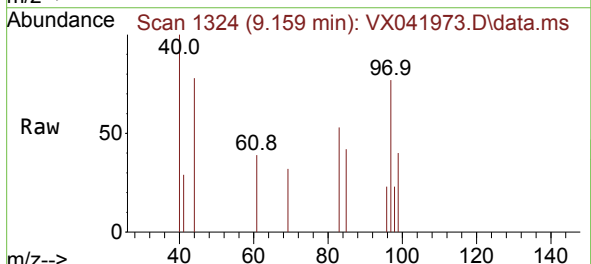
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT2-2024

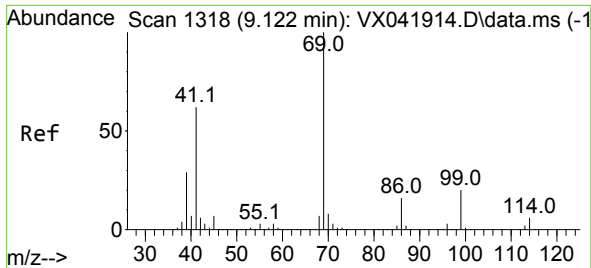
Tgt Ion: 75 Resp: 362
 Ion Ratio Lower Upper
 75 100
 77 25.6 25.3 37.9
 39 55.5 46.7 70.1



#55
 1,1,2-Trichloroethane
 Concen: 0.178 ug/l
 RT: 9.159 min Scan# 1324
 Delta R.T. 0.006 min
 Lab File: VX041973.D
 Acq: 21 Jun 2024 12:03

Tgt Ion: 97 Resp: 310
 Ion Ratio Lower Upper
 97 100
 83 68.2 65.8 98.8
 85 53.6 41.6 62.4
 99 52.0 47.8 71.8

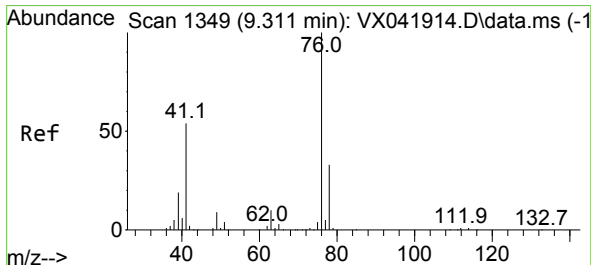
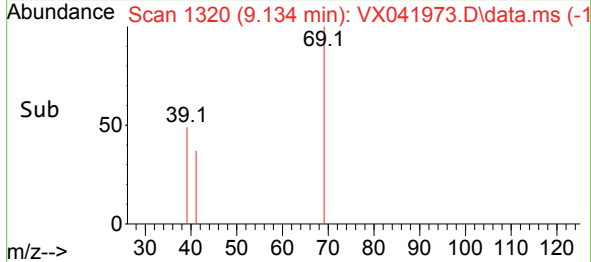
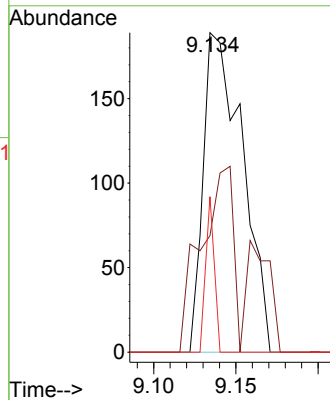
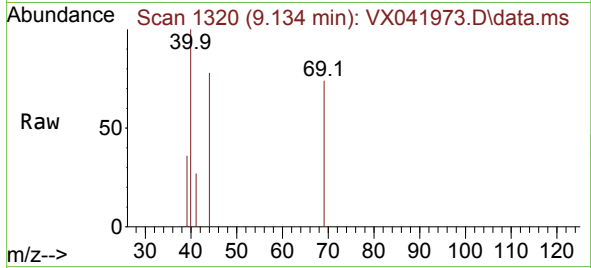




#56
Ethyl methacrylate
Concen: 0.115 ug/l
RT: 9.134 min Scan# 11
Delta R.T. 0.012 min
Lab File: VX041973.D
Acq: 21 Jun 2024 12:03

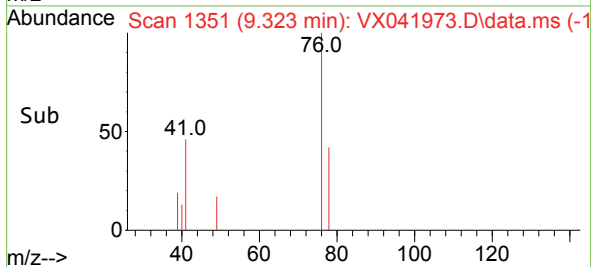
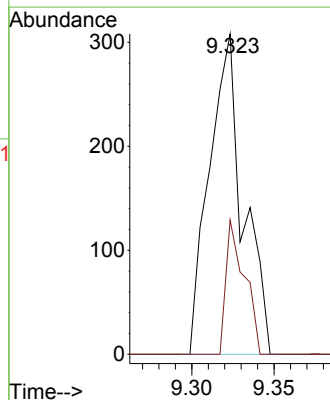
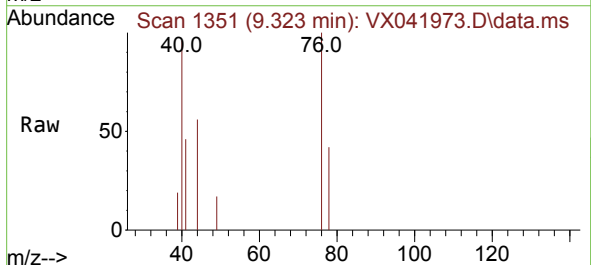
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2024

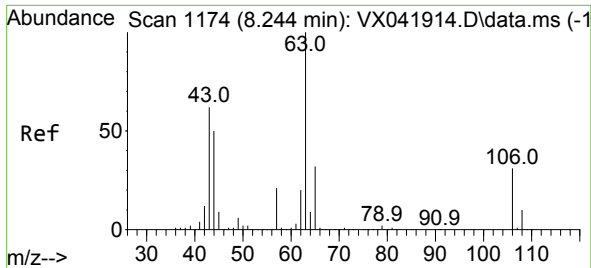
Tgt Ion: 69 Resp: 313
Ion Ratio Lower Upper
69 100
41 47.9 56.8 85.2#
39 10.9 32.0 48.0#



#57
1,3-Dichloropropane
Concen: 0.156 ug/l
RT: 9.323 min Scan# 1351
Delta R.T. 0.012 min
Lab File: VX041973.D
Acq: 21 Jun 2024 12:03

Tgt Ion: 76 Resp: 440
Ion Ratio Lower Upper
76 100
78 23.0 26.1 39.1#

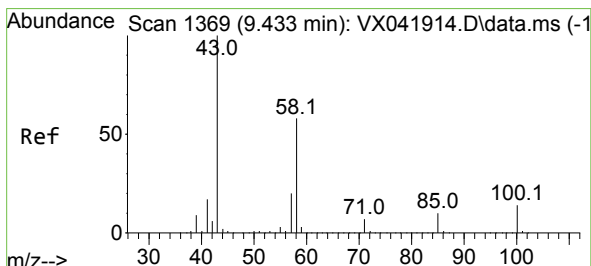
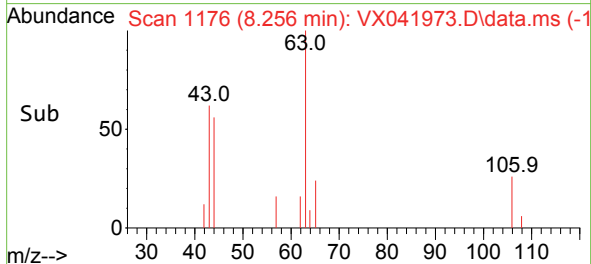
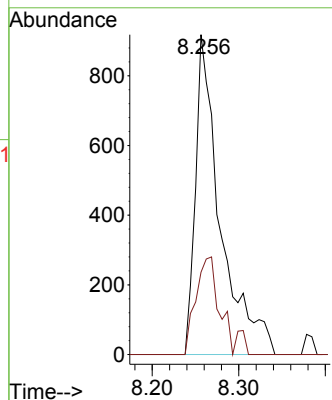
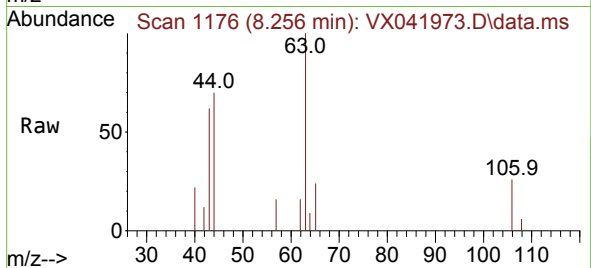




#58
2-Chloroethyl Vinyl ether
Concen: 1.447 ug/l
RT: 8.256 min Scan# 1176
Delta R.T. 0.012 min
Lab File: VX041973.D
Acq: 21 Jun 2024 12:03

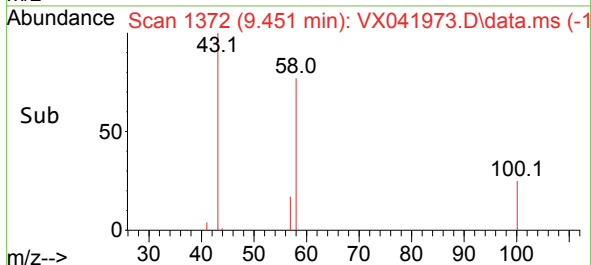
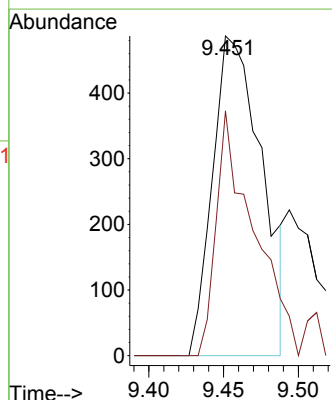
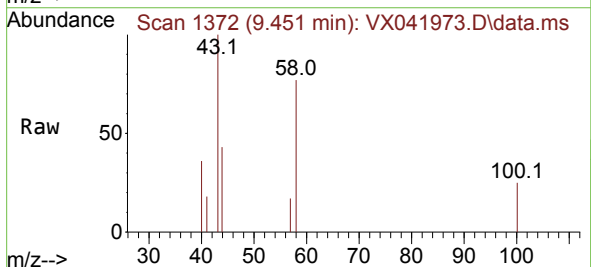
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT2-2024

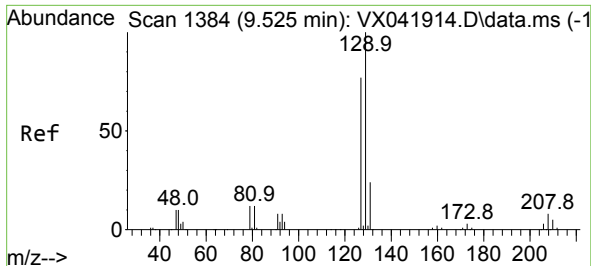
Tgt Ion: 63 Resp: 1828
Ion Ratio Lower Upper
63 100
106 31.0 22.5 33.7



#59
2-Hexanone
Concen: 0.541 ug/l
RT: 9.451 min Scan# 1372
Delta R.T. 0.018 min
Lab File: VX041973.D
Acq: 21 Jun 2024 12:03

Tgt Ion: 43 Resp: 1111
Ion Ratio Lower Upper
43 100
58 58.5 26.2 78.5

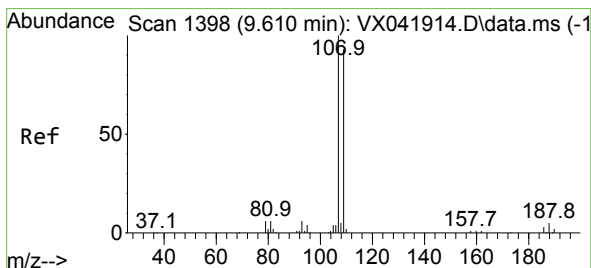
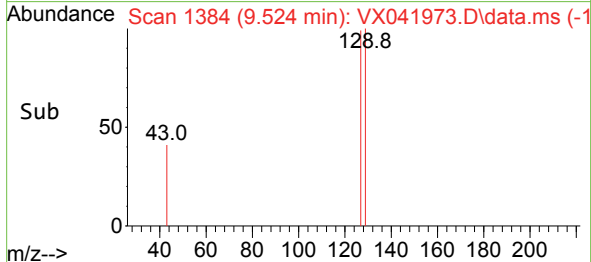
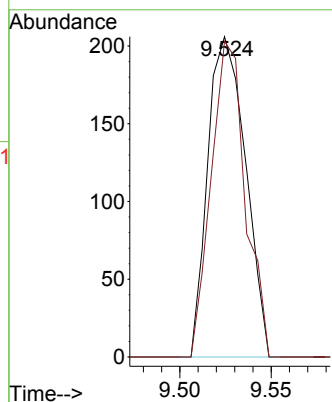
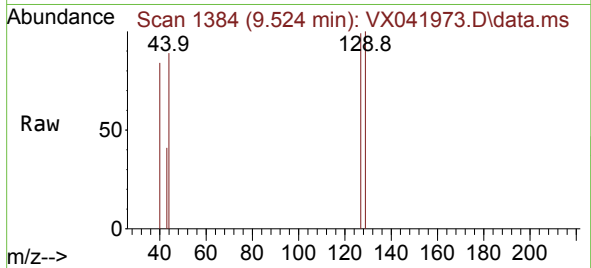




#60
Dibromochloromethane
Concen: 0.156 ug/l
RT: 9.524 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX041973.D
Acq: 21 Jun 2024 12:03

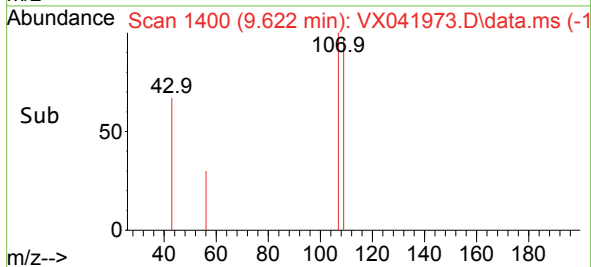
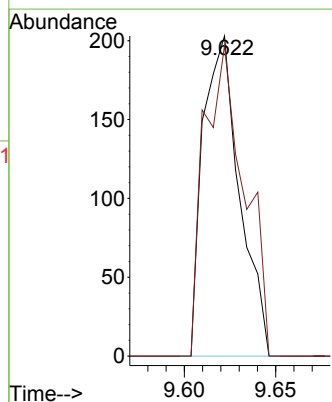
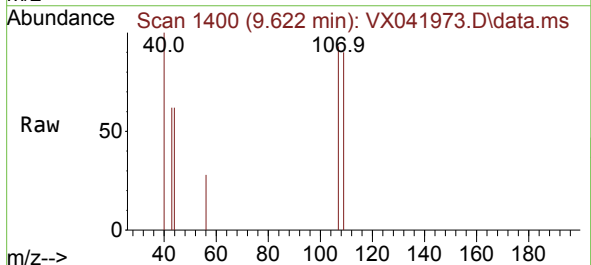
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2024

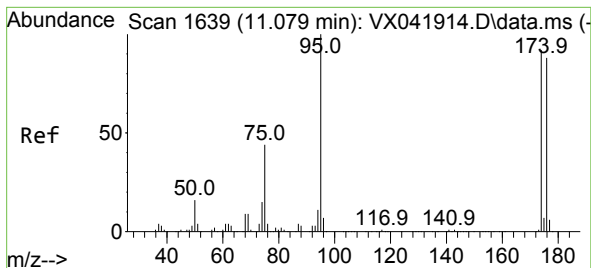
Tgt Ion:129 Resp: 296
Ion Ratio Lower Upper
129 100
127 89.2 38.8 116.4



#61
1,2-Dibromoethane
Concen: 0.156 ug/l
RT: 9.622 min Scan# 1400
Delta R.T. 0.012 min
Lab File: VX041973.D
Acq: 21 Jun 2024 12:03

Tgt Ion:107 Resp: 282
Ion Ratio Lower Upper
107 100
109 106.7 75.2 112.8





#62

4-Bromofluorobenzene

Concen: 45.154 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX041973.D

Acq: 21 Jun 2024 12:03

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT2-2024

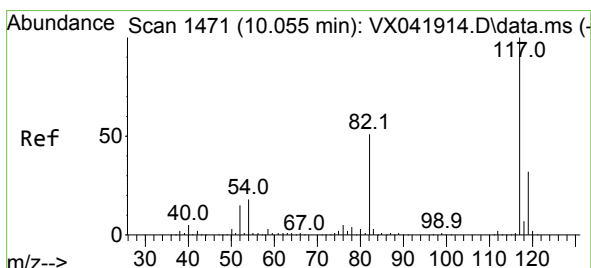
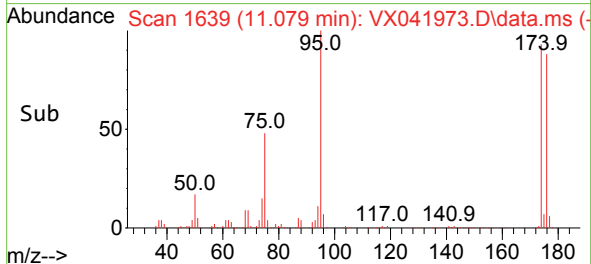
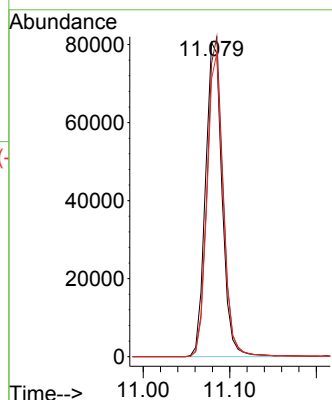
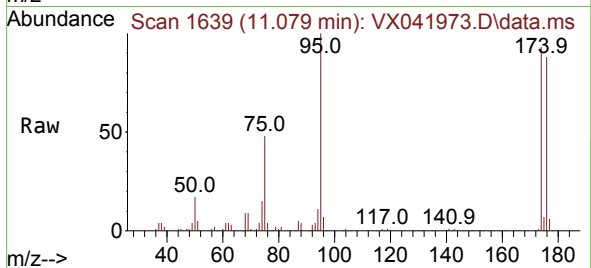
Tgt Ion: 95 Resp: 107268

Ion Ratio Lower Upper

95 100

174 98.7 0.0 135.6

176 93.7 0.0 131.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX041973.D

Acq: 21 Jun 2024 12:03

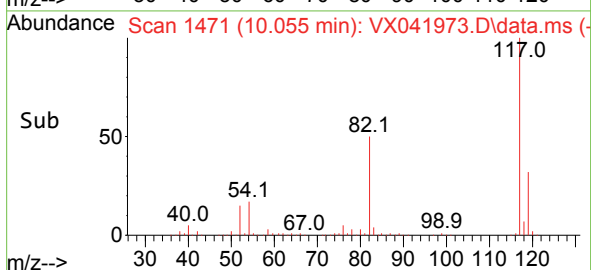
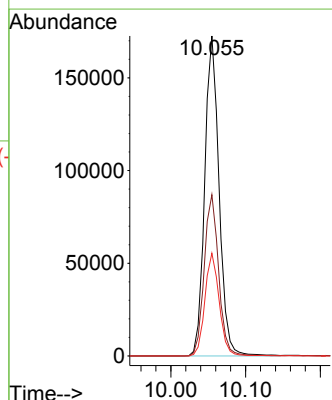
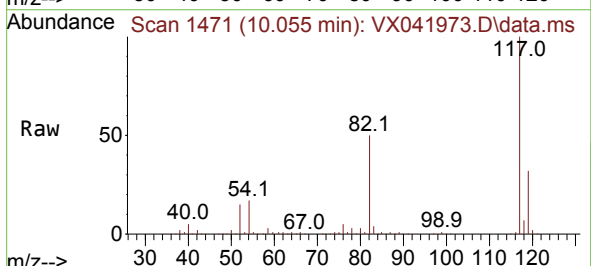
Tgt Ion: 117 Resp: 230379

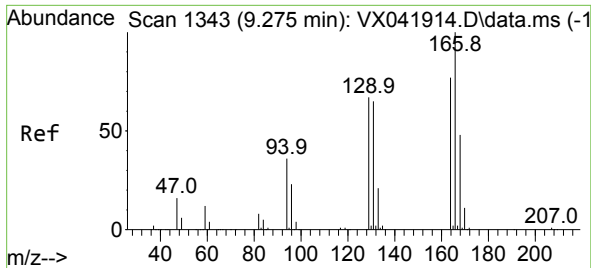
Ion Ratio Lower Upper

117 100

82 50.4 46.2 69.4

119 32.1 25.5 38.3

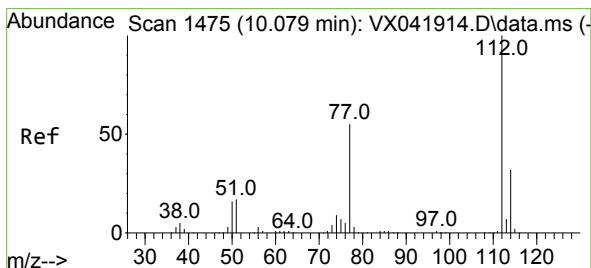
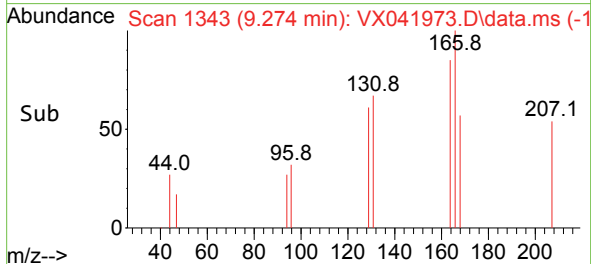
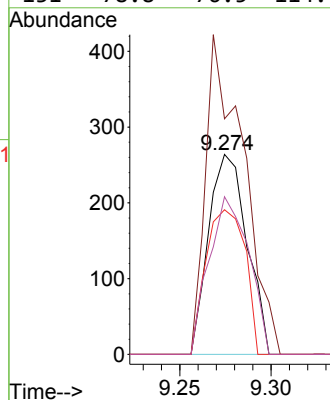
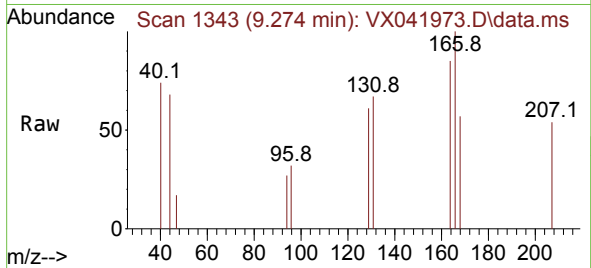




#64
Tetrachloroethene
Concen: 0.230 ug/l
RT: 9.274 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX041973.D
Acq: 21 Jun 2024 12:03

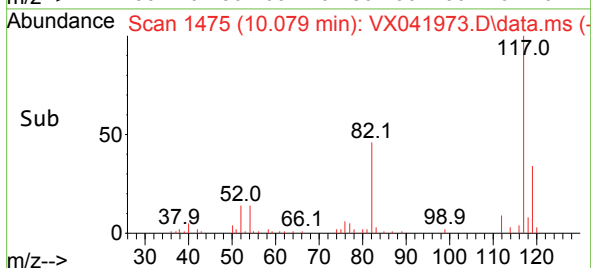
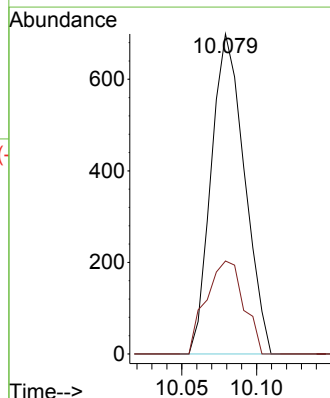
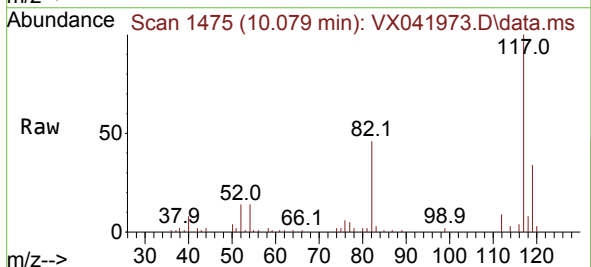
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2024

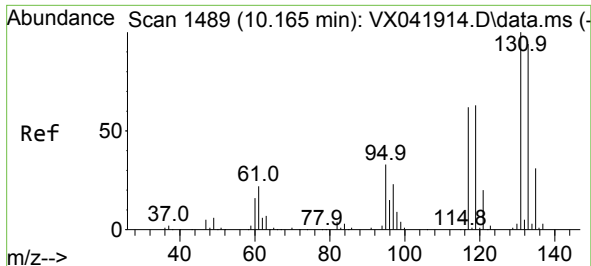
Tgt Ion:164 Resp: 386
Ion Ratio Lower Upper
164 100
166 117.8 102.7 154.1
129 72.3 80.4 120.6#
131 78.8 76.5 114.7



#65
Chlorobenzene
Concen: 0.225 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX041973.D
Acq: 21 Jun 2024 12:03

Tgt Ion:112 Resp: 1080
Ion Ratio Lower Upper
112 100
114 29.0 25.7 38.5

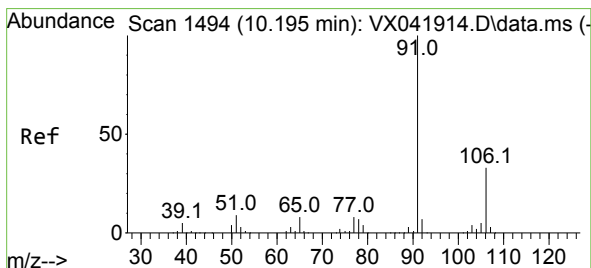
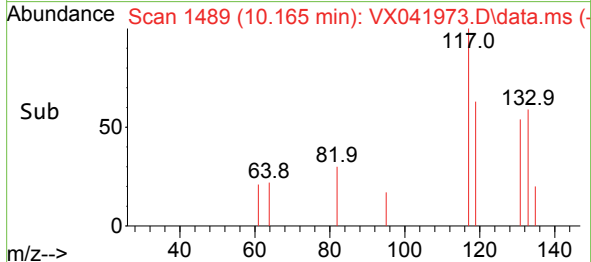
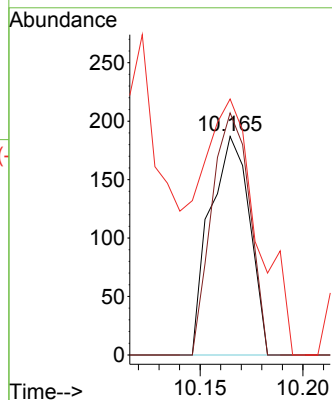
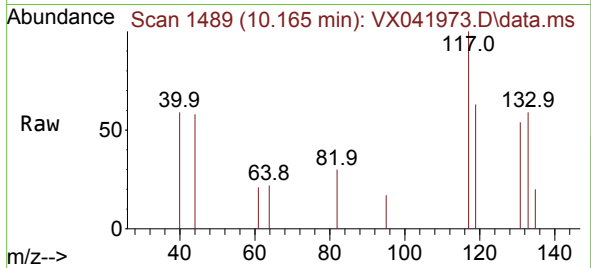




#66
 1,1,1,2-Tetrachloroethane
 Concen: 0.150 ug/l
 RT: 10.165 min Scan# 1489
 Delta R.T. -0.000 min
 Lab File: VX041973.D
 Acq: 21 Jun 2024 12:03

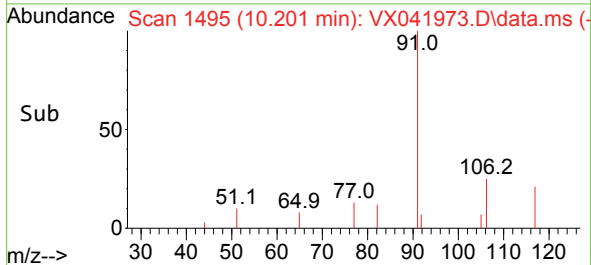
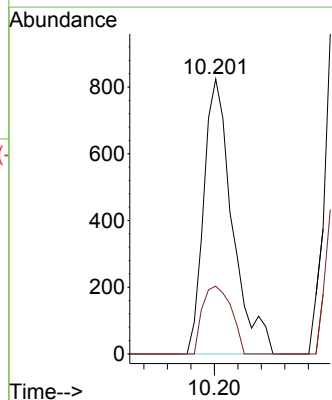
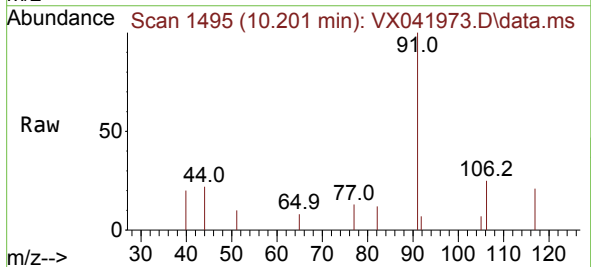
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT2-2024

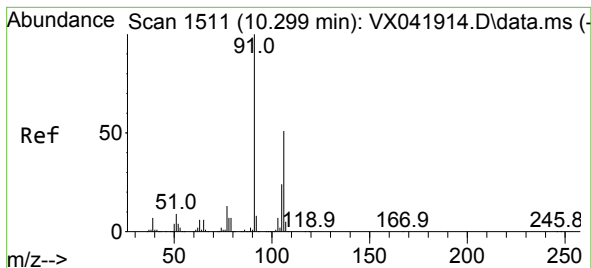
Tgt Ion:131 Resp: 251
 Ion Ratio Lower Upper
 131 100
 133 105.6 47.1 141.4
 119 0.0 32.2 96.6#



#67
 Ethyl Benzene
 Concen: 0.186 ug/l
 RT: 10.201 min Scan# 1495
 Delta R.T. 0.006 min
 Lab File: VX041973.D
 Acq: 21 Jun 2024 12:03

Tgt Ion: 91 Resp: 1393
 Ion Ratio Lower Upper
 91 100
 106 24.6 24.9 37.3#





#68

m/p-Xylenes

Concen: 0.399 ug/l

RT: 10.311 min Scan# 1513

Delta R.T. 0.012 min

Lab File: VX041973.D

Acq: 21 Jun 2024 12:03

Instrument :

MSVOA_X

ClientSampleId :

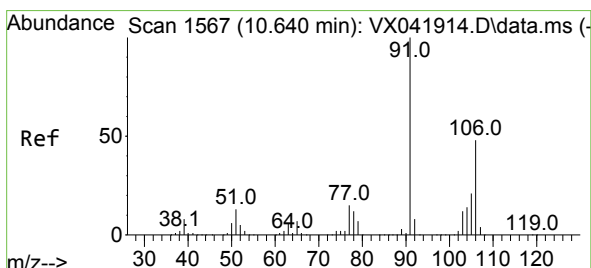
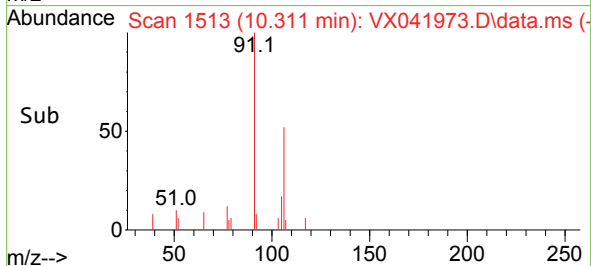
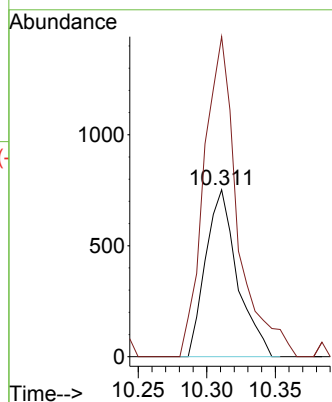
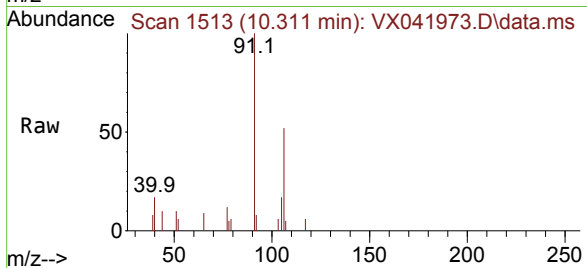
MDL-WATER-03-QT2-2024

Tgt Ion:106 Resp: 1210

Ion Ratio Lower Upper

106 100

91 204.0 165.5 248.3



#69

o-Xylene

Concen: 0.186 ug/l

RT: 10.652 min Scan# 1569

Delta R.T. 0.012 min

Lab File: VX041973.D

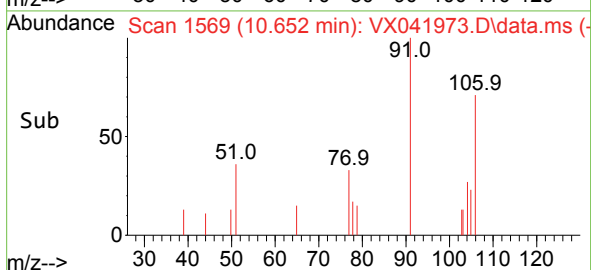
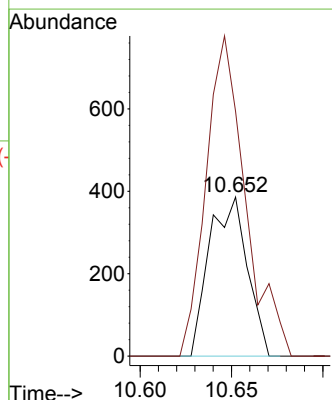
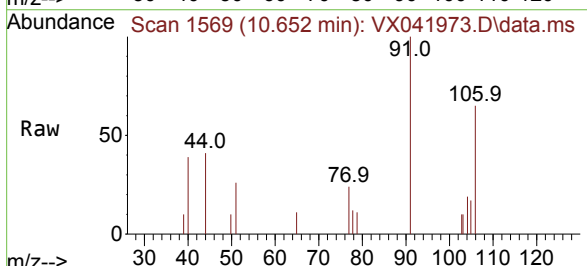
Acq: 21 Jun 2024 12:03

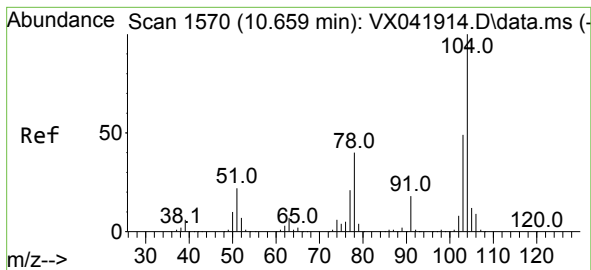
Tgt Ion:106 Resp: 559

Ion Ratio Lower Upper

106 100

91 208.1 108.9 326.8





#70

Styrene

Concen: 0.162 ug/l

RT: 10.664 min Scan# 1571

Delta R.T. 0.006 min

Lab File: VX041973.D

Acq: 21 Jun 2024 12:03

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT2-2024

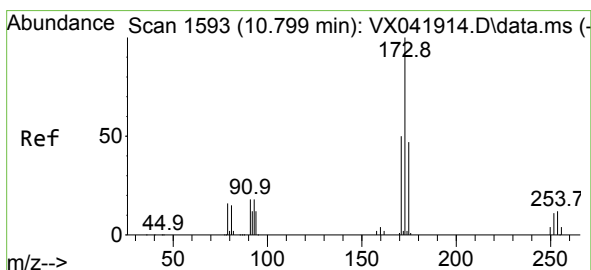
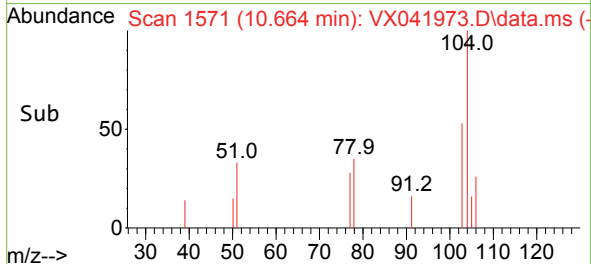
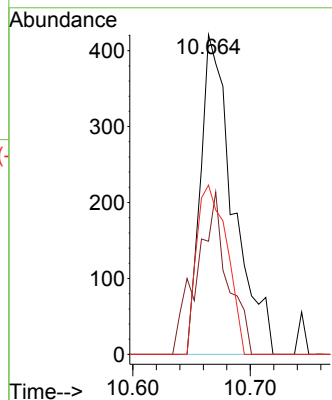
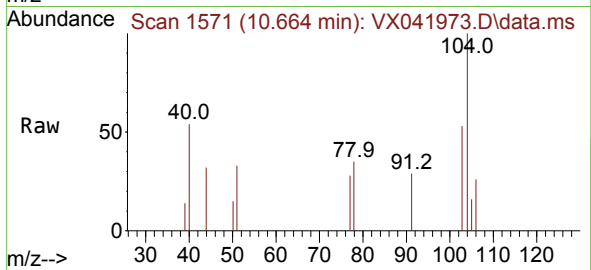
Tgt Ion:104 Resp: 813

Ion Ratio Lower Upper

104 100

78 48.0 43.6 65.4

103 49.3 43.6 65.4



#71

Bromoform

Concen: 0.225 ug/l

RT: 10.805 min Scan# 1594

Delta R.T. 0.006 min

Lab File: VX041973.D

Acq: 21 Jun 2024 12:03

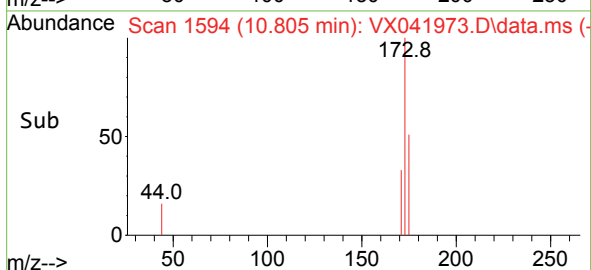
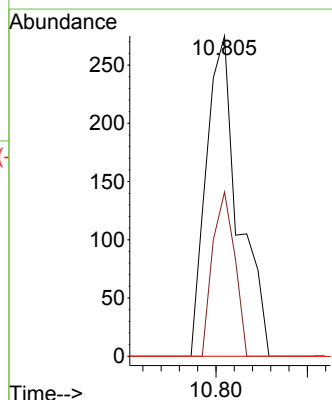
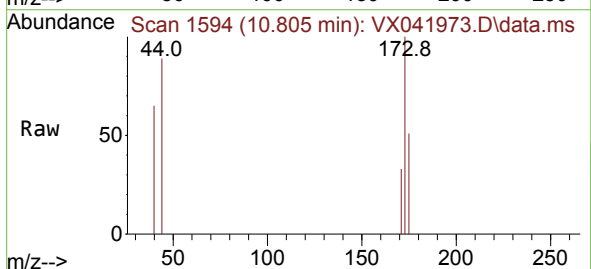
Tgt Ion:173 Resp: 337

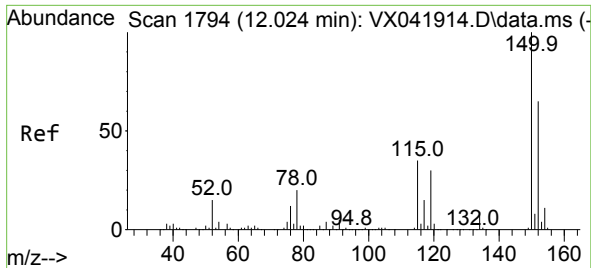
Ion Ratio Lower Upper

173 100

175 0.0 24.1 72.4#

254 0.0 0.0 0.0

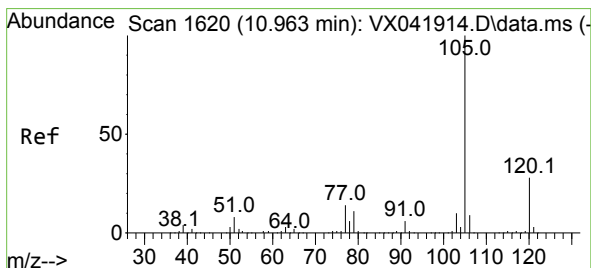
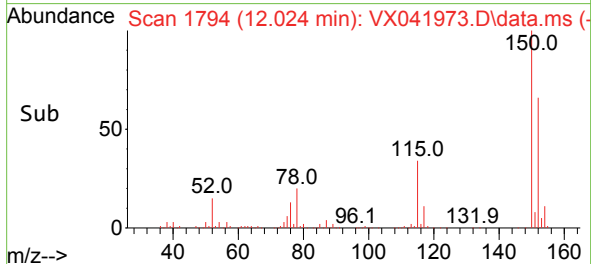
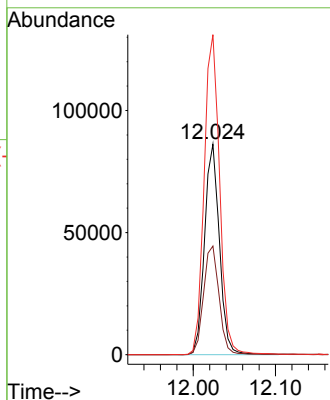
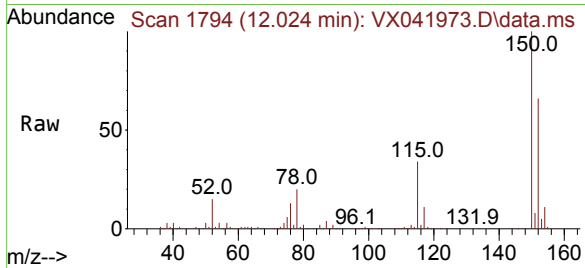




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX041973.D
Acq: 21 Jun 2024 12:03

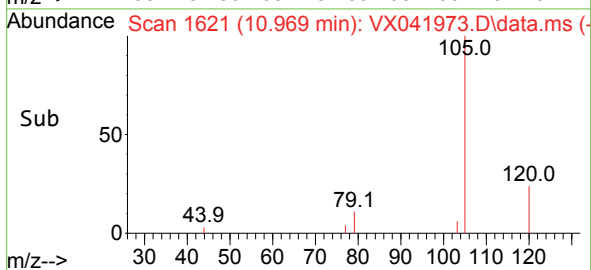
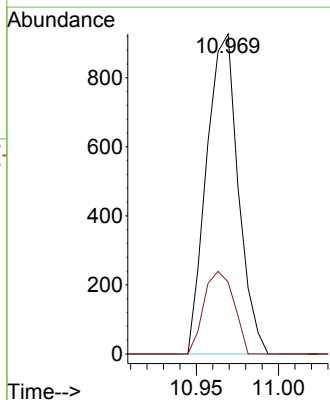
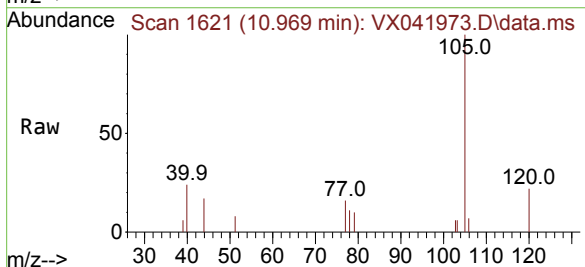
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2024

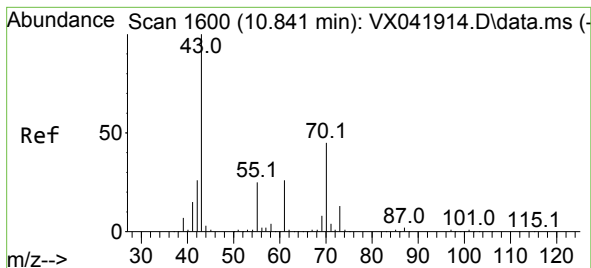
Tgt Ion:152 Resp: 108645
Ion Ratio Lower Upper
152 100
115 54.2 43.3 129.9
150 158.1 0.0 345.0



#73
Isopropylbenzene
Concen: 0.188 ug/l
RT: 10.969 min Scan# 1621
Delta R.T. 0.006 min
Lab File: VX041973.D
Acq: 21 Jun 2024 12:03

Tgt Ion:105 Resp: 1241
Ion Ratio Lower Upper
105 100
120 24.3 12.9 38.6





#74

N-amy1 acetate

Concen: 0.142 ug/l

RT: 10.853 min Scan# 1

Delta R.T. 0.012 min

Lab File: VX041973.D

Acq: 21 Jun 2024 12:03

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT2-2024

Tgt Ion: 43 Resp: 418

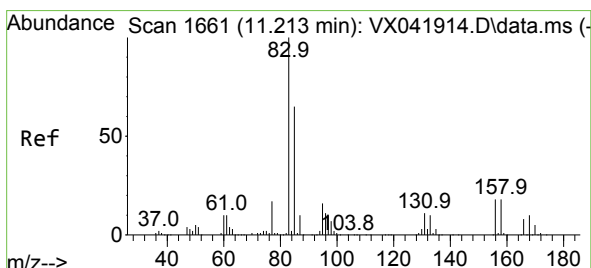
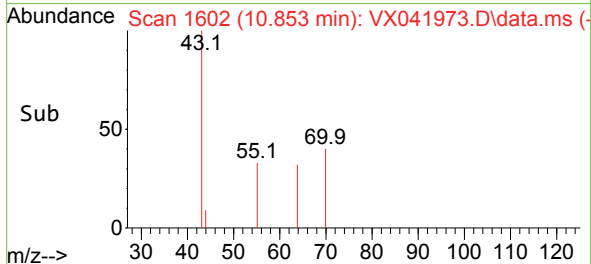
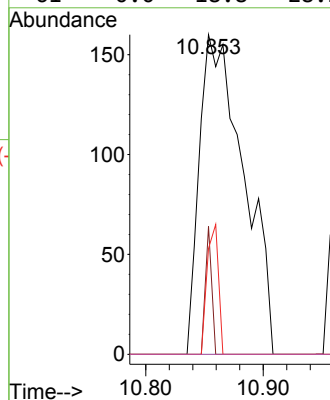
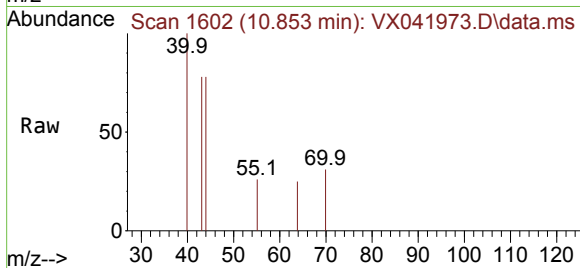
Ion Ratio Lower Upper

43 100

70 0.0 32.9 49.3#

55 10.3 19.3 28.9#

61 0.0 18.8 28.2#



#75

1,1,2,2-Tetrachloroethane

Concen: 0.213 ug/l

RT: 11.219 min Scan# 1662

Delta R.T. 0.006 min

Lab File: VX041973.D

Acq: 21 Jun 2024 12:03

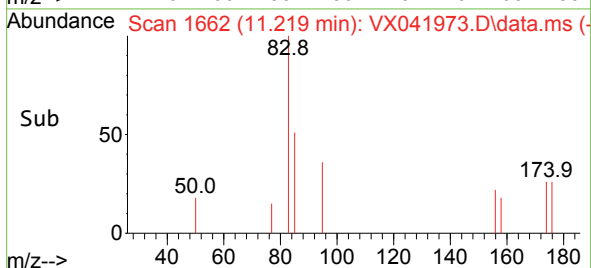
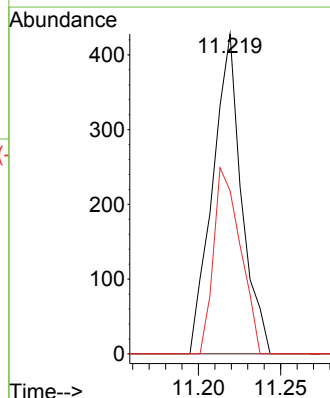
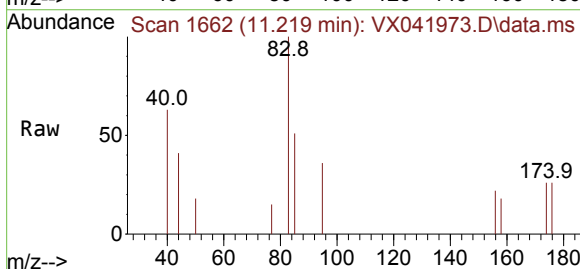
Tgt Ion: 83 Resp: 524

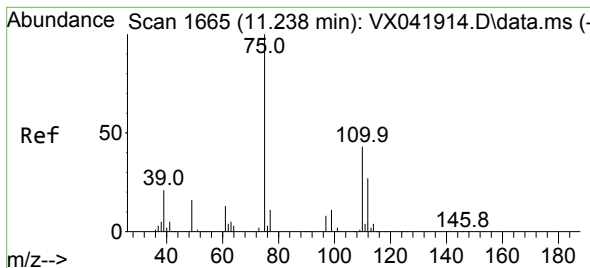
Ion Ratio Lower Upper

83 100

131 0.0 5.3 15.8#

85 53.6 32.0 96.2





#76

1,2,3-Trichloropropane

Concen: 25.166 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX041973.D

Acq: 21 Jun 2024 12:03

Instrument :

MSVOA_X

ClientSampleId :

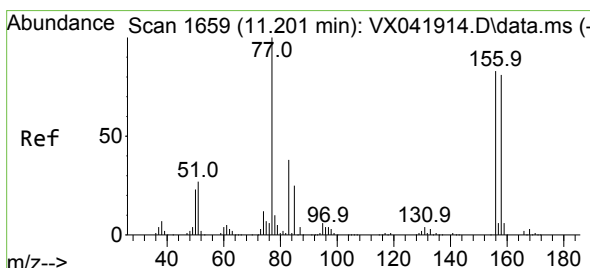
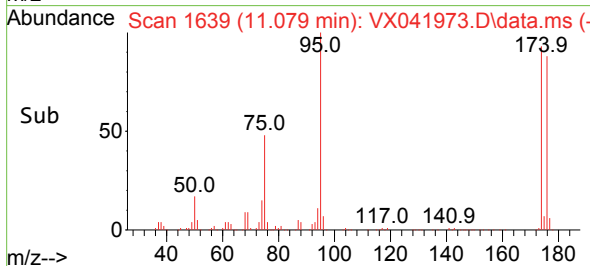
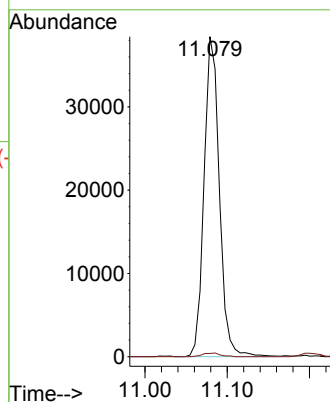
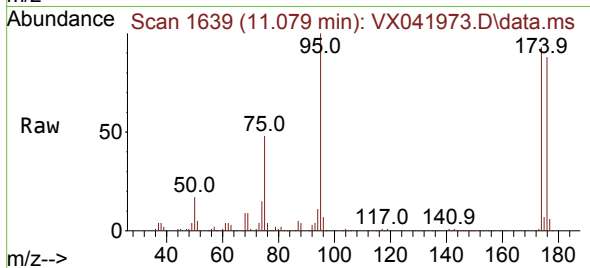
MDL-WATER-03-QT2-2024

Tgt Ion: 75 Resp: 49635

Ion Ratio Lower Upper

75 100

77 1.3 19.1 57.5#



#77

Bromobenzene

Concen: 0.219 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. -0.000 min

Lab File: VX041973.D

Acq: 21 Jun 2024 12:03

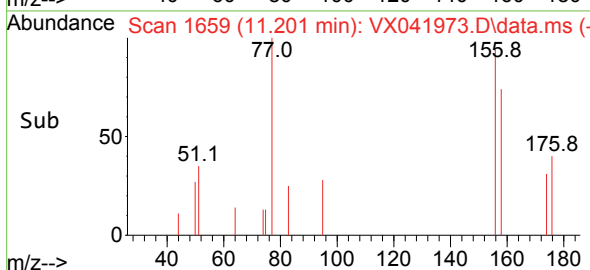
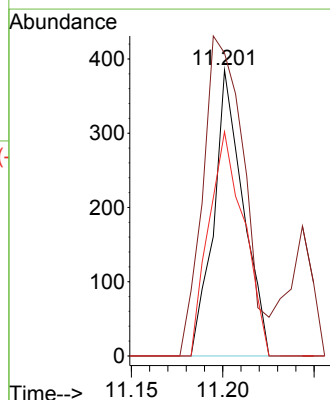
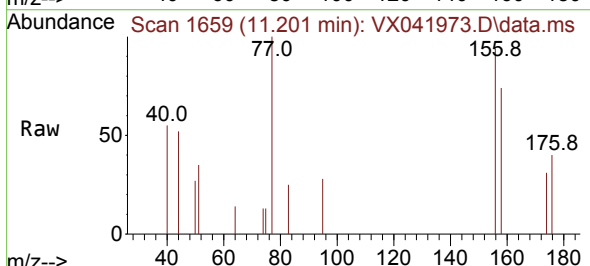
Tgt Ion:156 Resp: 431

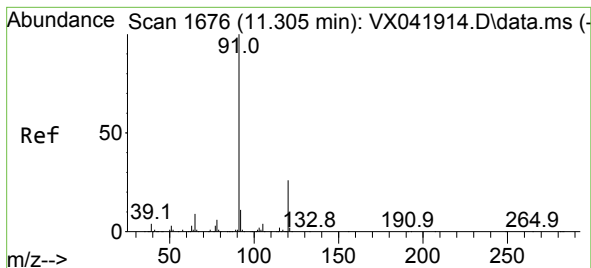
Ion Ratio Lower Upper

156 100

77 156.6 88.4 265.3

158 94.0 48.0 144.0





#78

n-propylbenzene

Concen: 0.198 ug/l

RT: 11.311 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX041973.D

Acq: 21 Jun 2024 12:03

Instrument :

MSVOA_X

ClientSampleId :

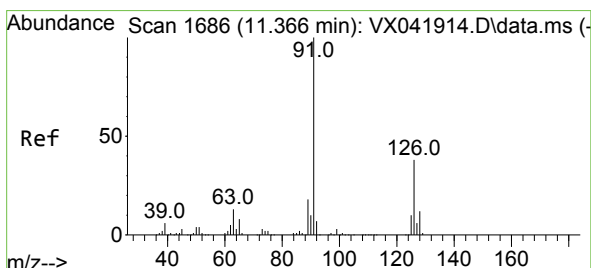
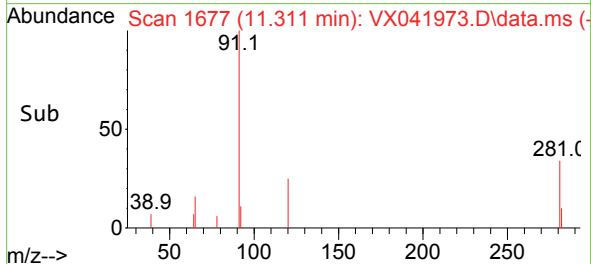
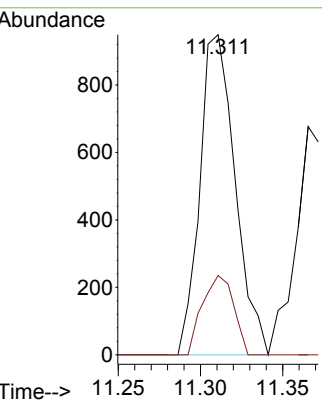
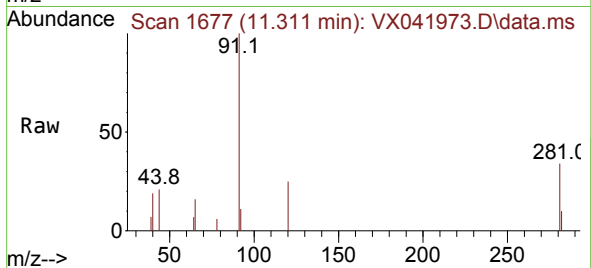
MDL-WATER-03-QT2-2024

Tgt Ion: 91 Resp: 1418

Ion Ratio Lower Upper

91 100

120 21.9 11.5 34.4



#79

2-Chlorotoluene

Concen: 0.235 ug/l

RT: 11.366 min Scan# 1686

Delta R.T. -0.000 min

Lab File: VX041973.D

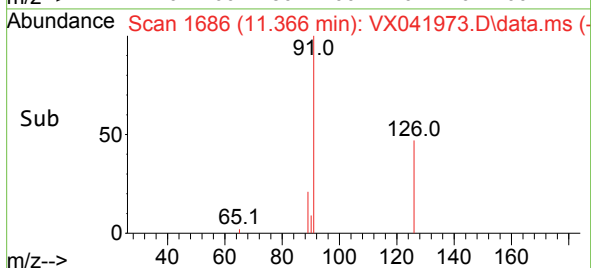
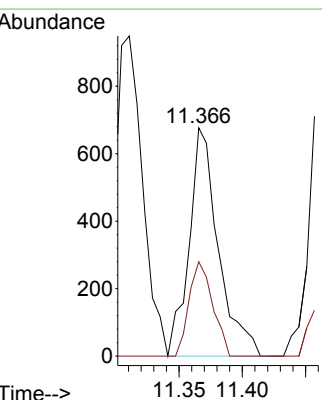
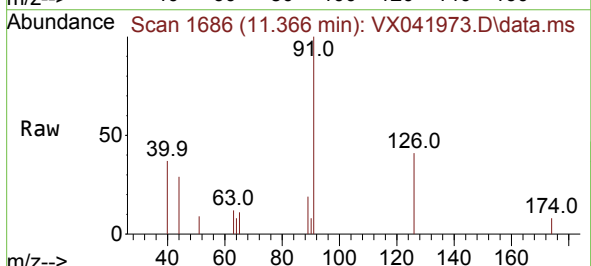
Acq: 21 Jun 2024 12:03

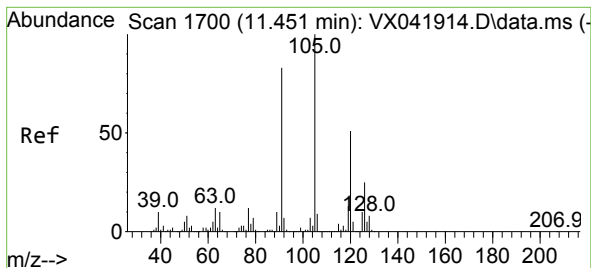
Tgt Ion: 91 Resp: 1086

Ion Ratio Lower Upper

91 100

126 33.5 16.3 48.8





#80

1,3,5-Trimethylbenzene

Concen: 0.195 ug/l

RT: 11.451 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX041973.D

Acq: 21 Jun 2024 12:03

Instrument :

MSVOA_X

ClientSampleId :

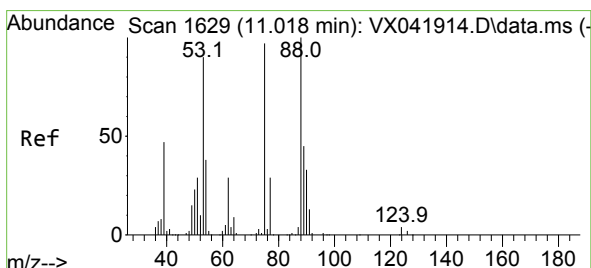
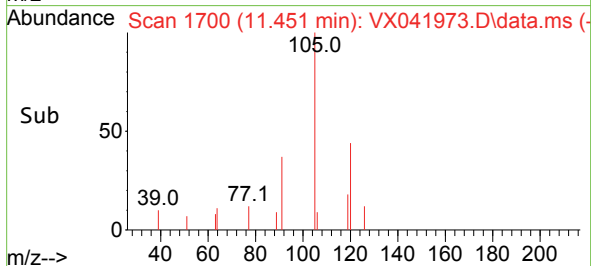
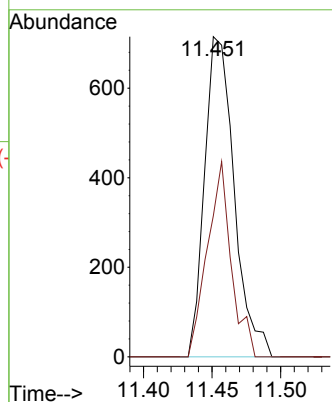
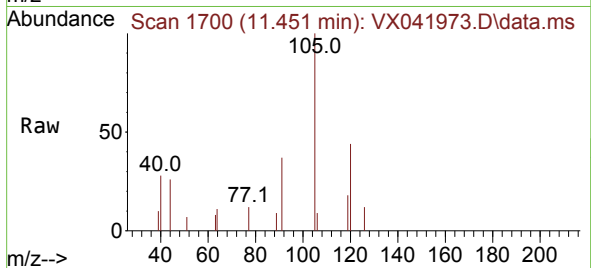
MDL-WATER-03-QT2-2024

Tgt Ion:105 Resp: 1073

Ion Ratio Lower Upper

105 100

120 49.2 24.1 72.3



#81

trans-1,4-Dichloro-2-butene

Concen: 71.468 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX041973.D

Acq: 21 Jun 2024 12:03

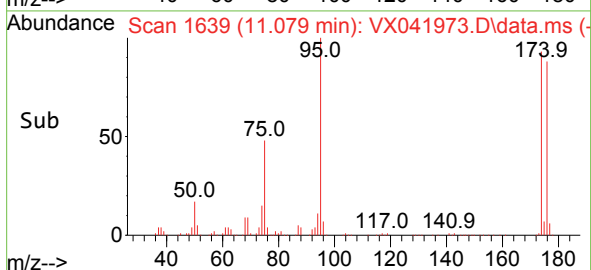
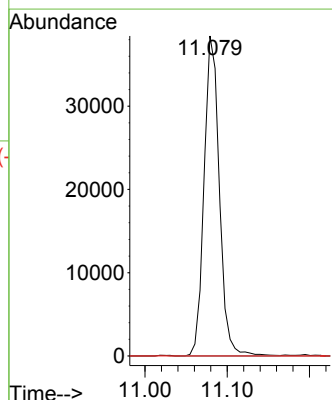
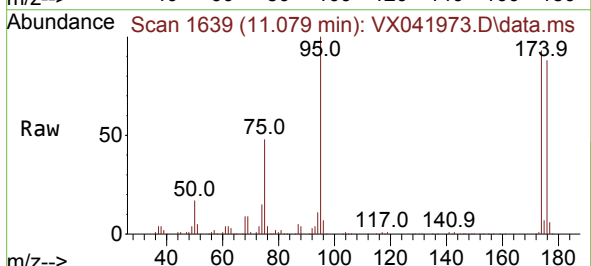
Tgt Ion: 75 Resp: 49635

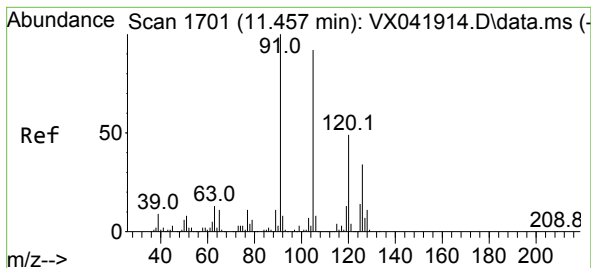
Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#





#82

4-Chlorotoluene

Concen: 0.222 ug/l

RT: 11.463 min Scan# 1135

Delta R.T. 0.006 min

Lab File: VX041973.D

Acq: 21 Jun 2024 12:03

Instrument :

MSVOA_X

ClientSampleId :

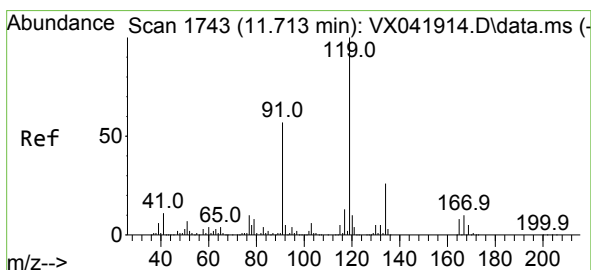
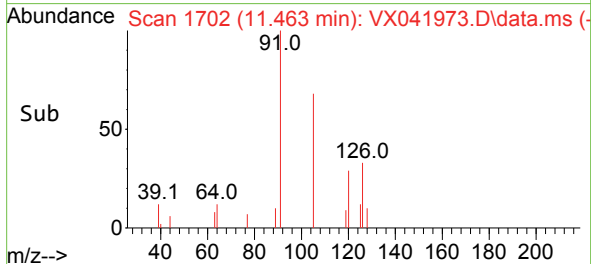
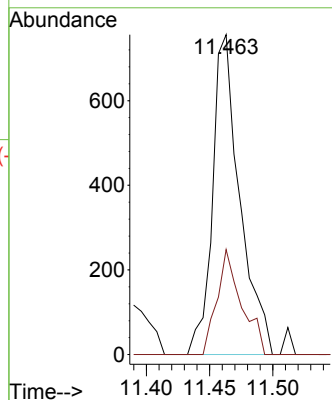
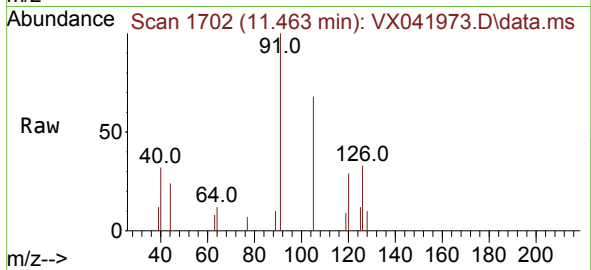
MDL-WATER-03-QT2-2024

Tgt Ion: 91 Resp: 1135

Ion Ratio Lower Upper

91 100

126 29.5 14.2 42.6



#83

tert-Butylbenzene

Concen: 0.214 ug/l

RT: 11.719 min Scan# 1744

Delta R.T. 0.006 min

Lab File: VX041973.D

Acq: 21 Jun 2024 12:03

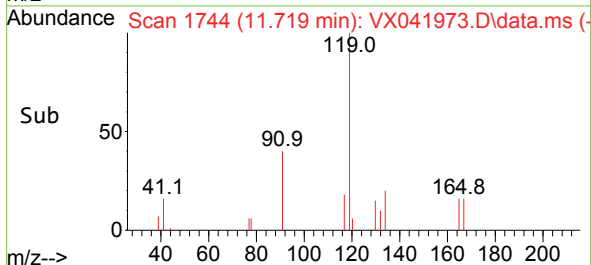
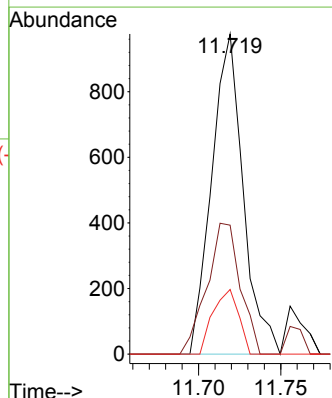
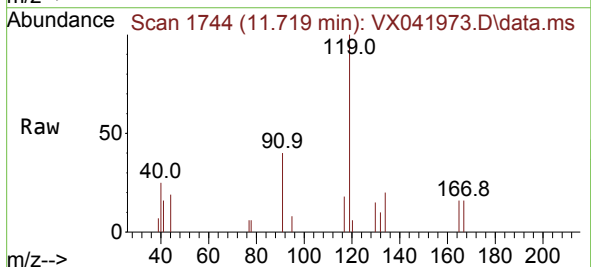
Tgt Ion: 119 Resp: 1295

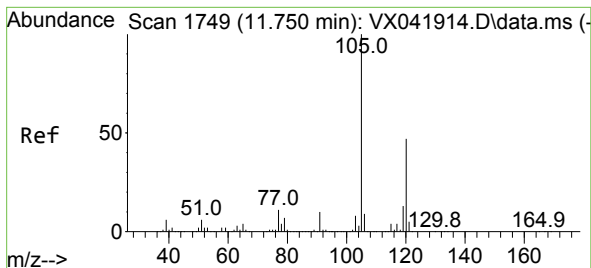
Ion Ratio Lower Upper

119 100

91 43.3 31.2 93.6

134 16.4 11.7 35.0





#84

1,2,4-Trimethylbenzene

Concen: 0.189 ug/l

RT: 11.756 min Scan# 1750

Delta R.T. 0.006 min

Lab File: VX041973.D

Acq: 21 Jun 2024 12:03

Instrument :

MSVOA_X

ClientSampleId :

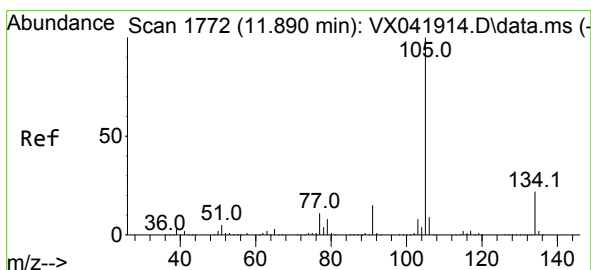
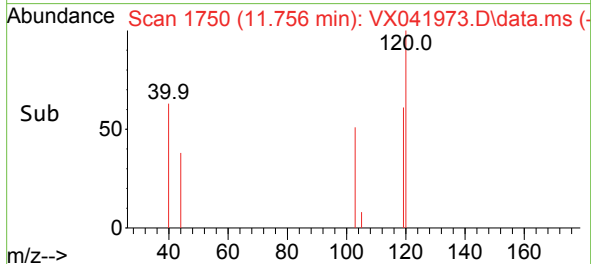
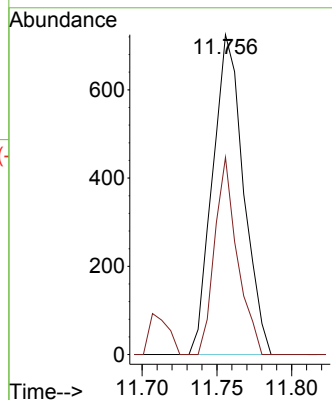
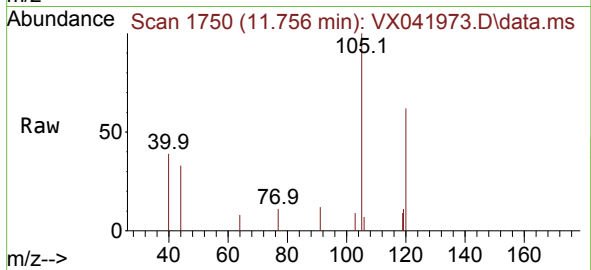
MDL-WATER-03-QT2-2024

Tgt Ion:105 Resp: 1042

Ion Ratio Lower Upper

105 100

120 45.2 21.2 63.6



#85

sec-Butylbenzene

Concen: 0.197 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. -0.000 min

Lab File: VX041973.D

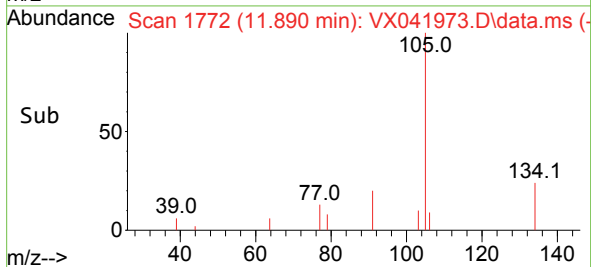
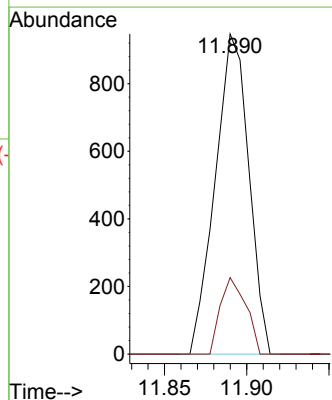
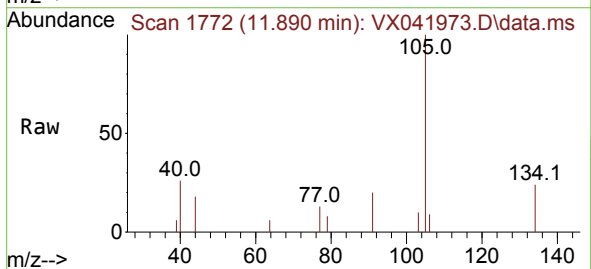
Acq: 21 Jun 2024 12:03

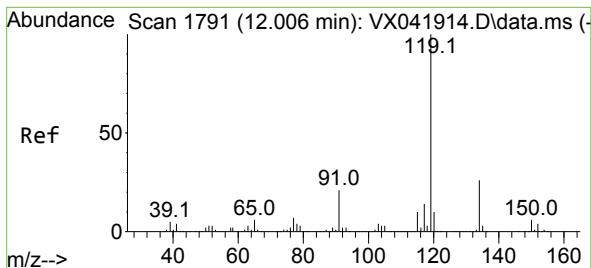
Tgt Ion:105 Resp: 1344

Ion Ratio Lower Upper

105 100

134 18.2 9.8 29.4





#86

p-Isopropyltoluene

Concen: 0.176 ug/l

RT: 12.012 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX041973.D

Acq: 21 Jun 2024 12:03

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT2-2024

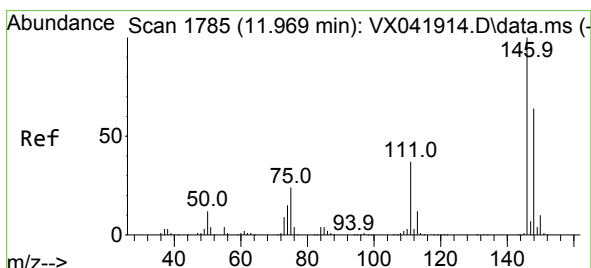
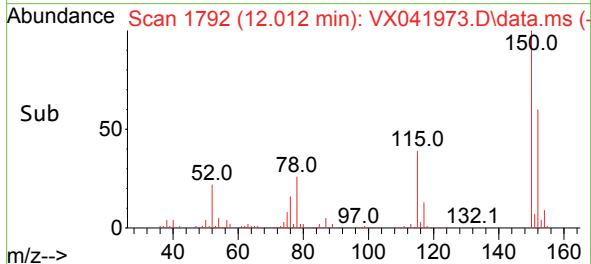
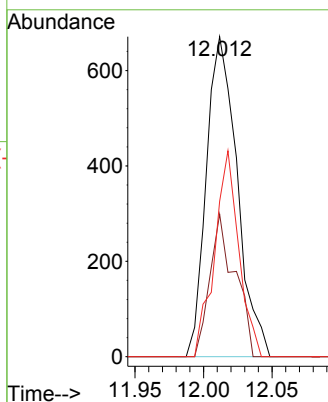
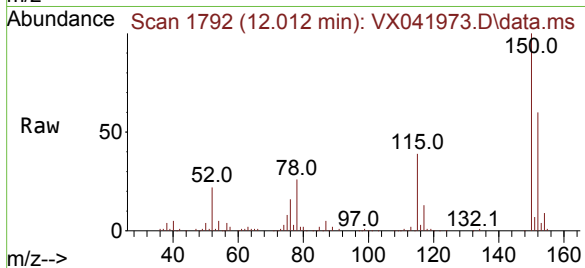
Tgt Ion:119 Resp: 1048

Ion Ratio Lower Upper

119 100

134 36.4 12.8 38.3

91 50.7 13.1 39.3#



#87

1,3-Dichlorobenzene

Concen: 0.242 ug/l

RT: 11.975 min Scan# 1786

Delta R.T. 0.006 min

Lab File: VX041973.D

Acq: 21 Jun 2024 12:03

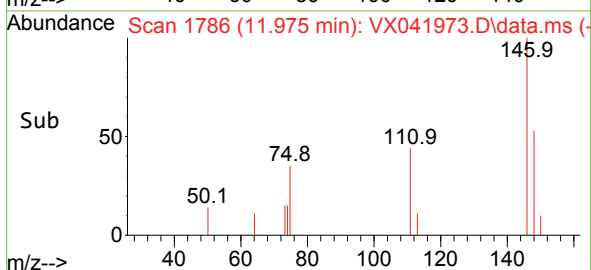
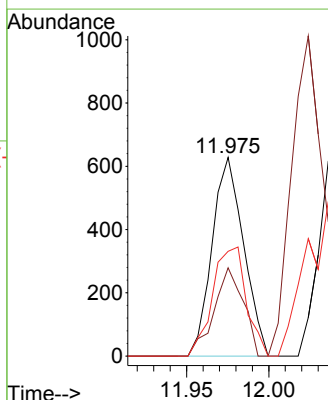
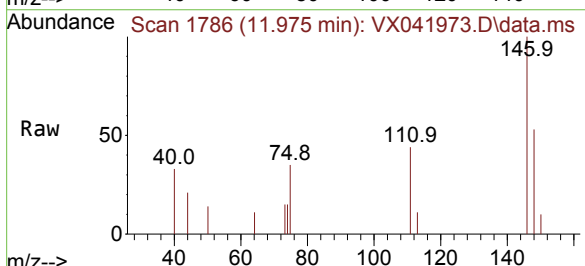
Tgt Ion:146 Resp: 838

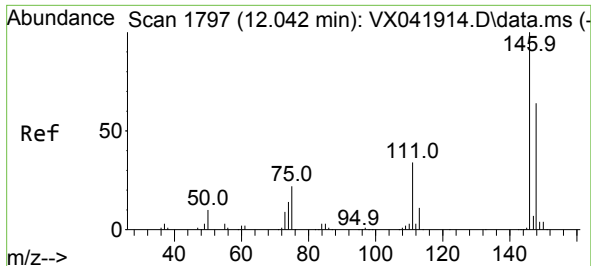
Ion Ratio Lower Upper

146 100

111 41.2 22.1 66.1

148 58.7 31.8 95.3

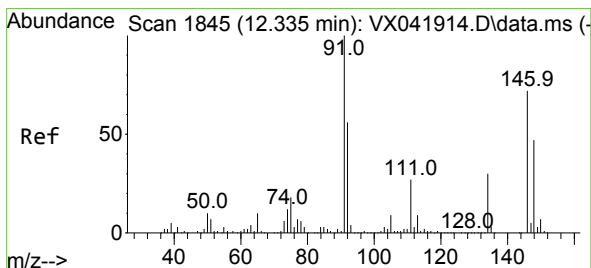
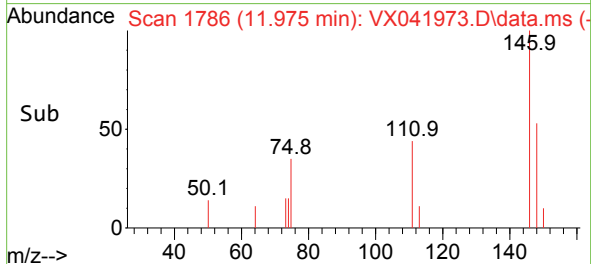
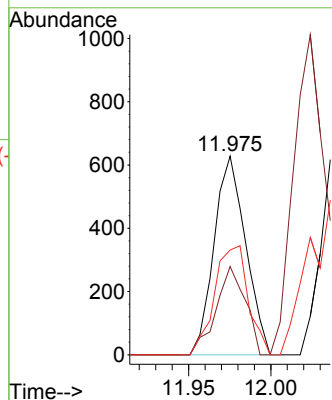
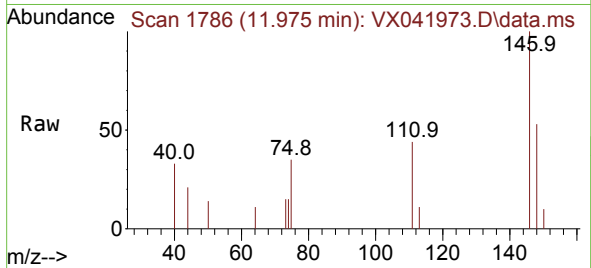




#88
1,4-Dichlorobenzene
Concen: 0.236 ug/l
RT: 11.975 min Scan# 1786
Delta R.T. -0.067 min
Lab File: VX041973.D
Acq: 21 Jun 2024 12:03

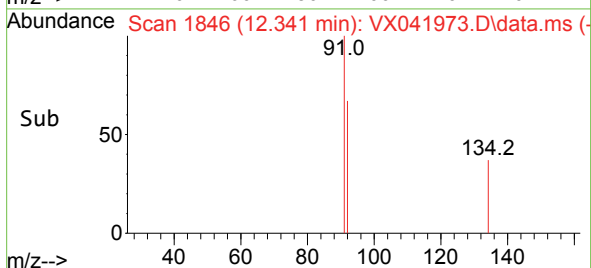
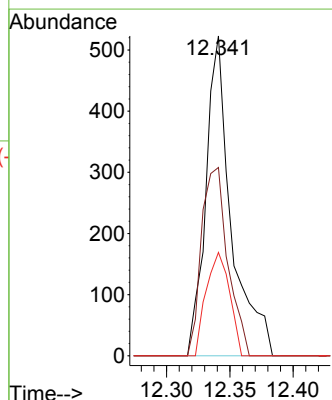
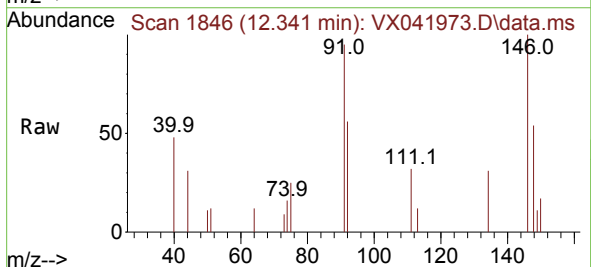
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2024

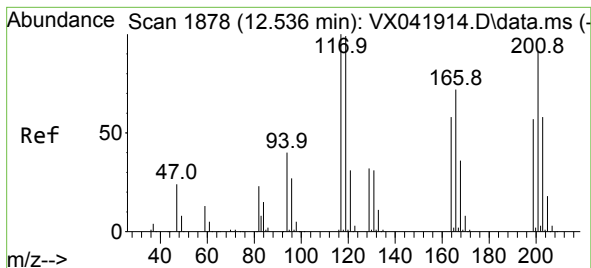
Tgt Ion:146 Resp: 838
Ion Ratio Lower Upper
146 100
111 41.2 21.3 63.7
148 58.7 31.8 95.4



#89
n-Butylbenzene
Concen: 0.160 ug/l
RT: 12.341 min Scan# 1846
Delta R.T. 0.006 min
Lab File: VX041973.D
Acq: 21 Jun 2024 12:03

Tgt Ion: 91 Resp: 733
Ion Ratio Lower Upper
91 100
92 61.0 27.4 82.0
134 29.6 12.6 37.8





#90

Hexachloroethane

Concen: 0.166 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. -0.000 min

Lab File: VX041973.D

Acq: 21 Jun 2024 12:03

Instrument :

MSVOA_X

ClientSampleId :

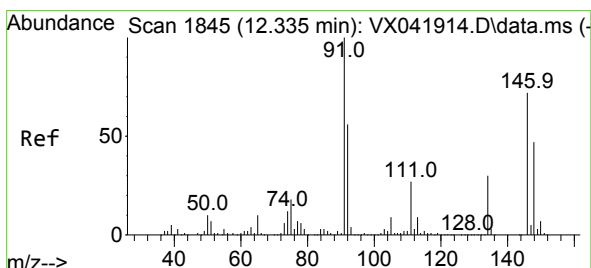
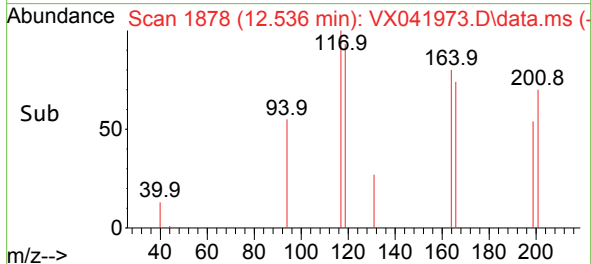
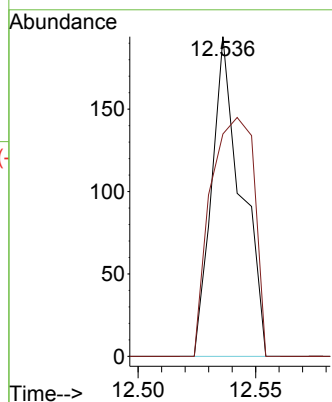
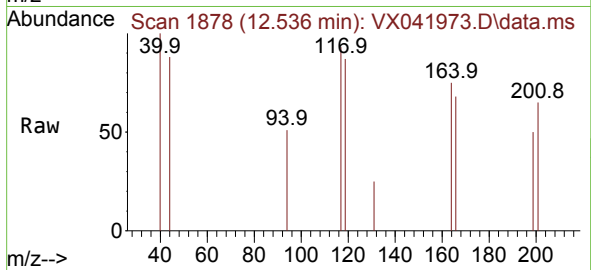
MDL-WATER-03-QT2-2024

Tgt Ion:117 Resp: 169

Ion Ratio Lower Upper

117 100

201 110.7 32.9 98.6#



#91

1,2-Dichlorobenzene

Concen: 0.244 ug/l

RT: 12.341 min Scan# 1846

Delta R.T. 0.006 min

Lab File: VX041973.D

Acq: 21 Jun 2024 12:03

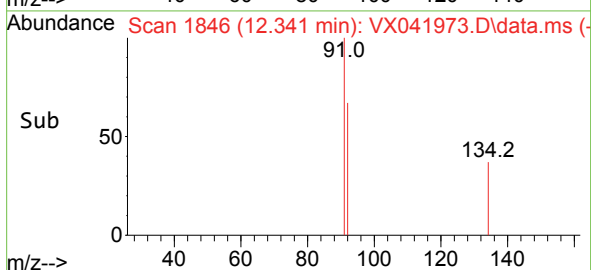
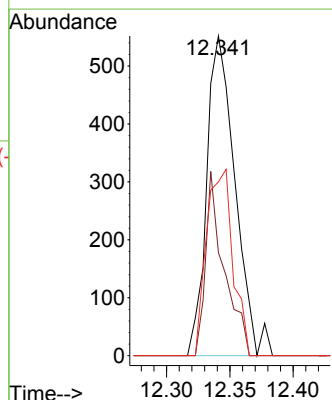
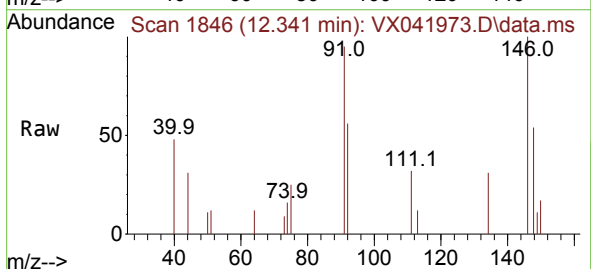
Tgt Ion:146 Resp: 862

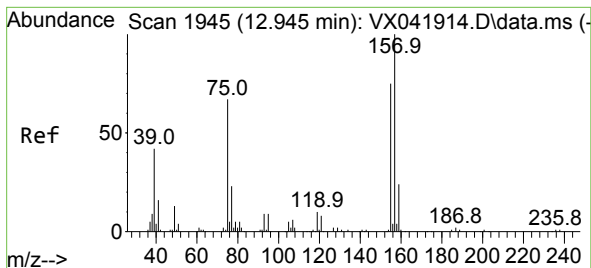
Ion Ratio Lower Upper

146 100

111 37.5 22.4 67.0

148 54.1 31.6 95.0

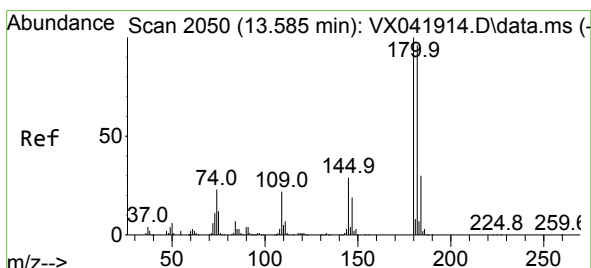
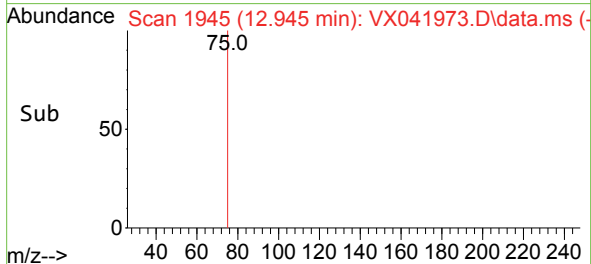
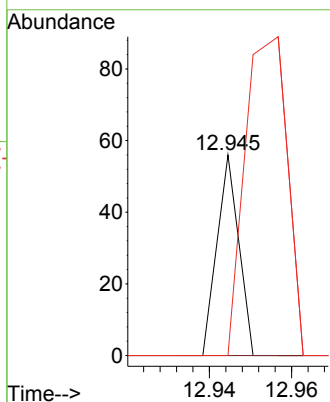
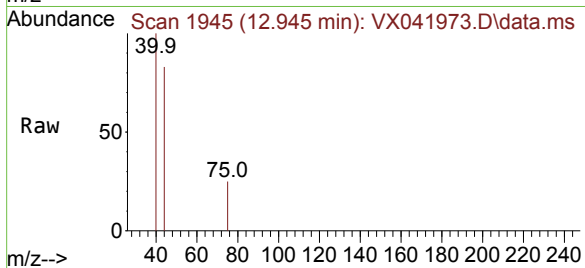




#92
1,2-Dibromo-3-Chloropropane
Concen: 0.041 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX041973.D
Acq: 21 Jun 2024 12:03

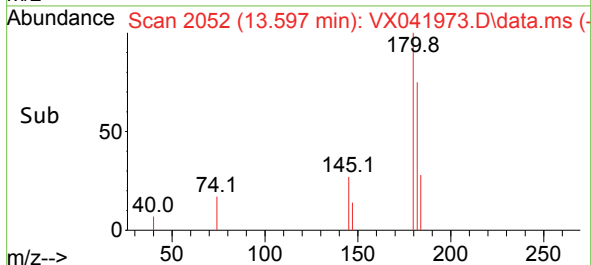
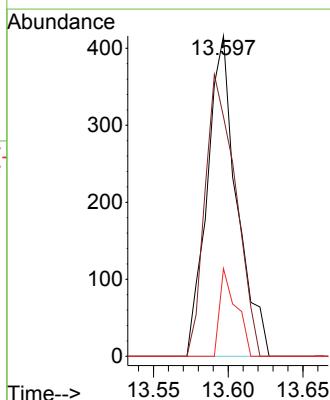
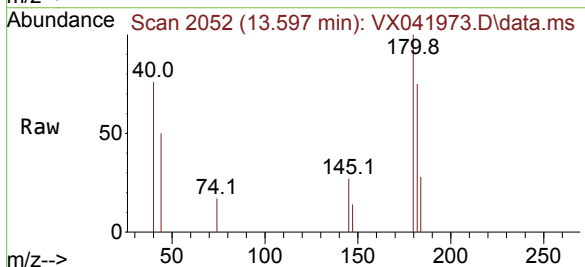
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT2-2024

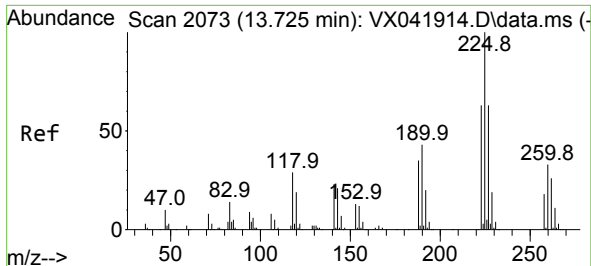
Tgt Ion: 75 Resp: 20
Ion Ratio Lower Upper
75 100
155 0.0 36.1 108.5#
157 315.0 44.9 134.7#



#93
1,2,4-Trichlorobenzene
Concen: 0.248 ug/l
RT: 13.597 min Scan# 2052
Delta R.T. 0.012 min
Lab File: VX041973.D
Acq: 21 Jun 2024 12:03

Tgt Ion: 180 Resp: 574
Ion Ratio Lower Upper
180 100
182 90.6 48.3 144.8
145 15.3 18.0 54.0#

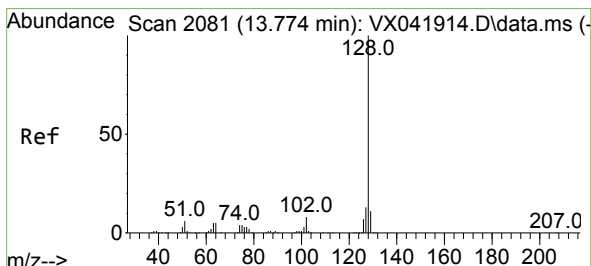
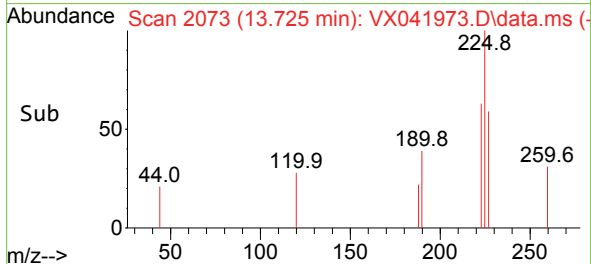
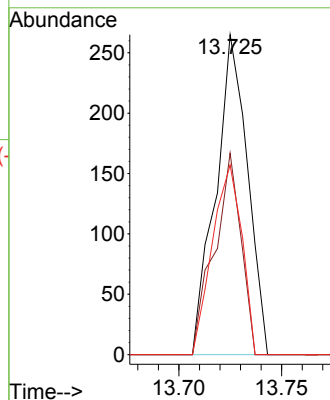
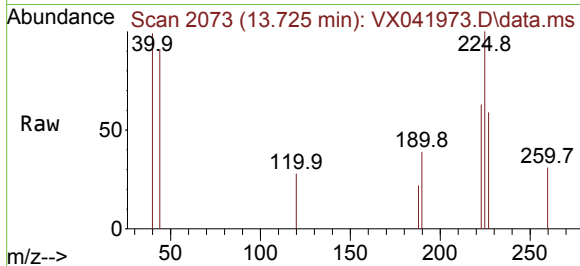




#94
Hexachlorobutadiene
Concen: 0.243 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX041973.D
Acq: 21 Jun 2024 12:03

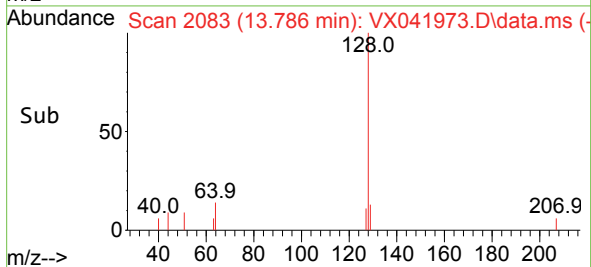
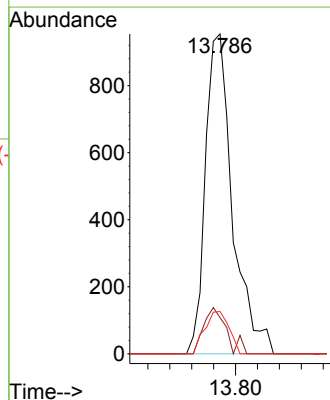
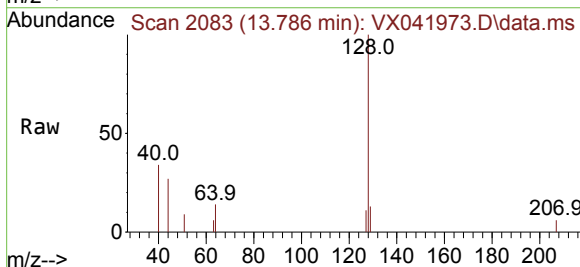
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2024

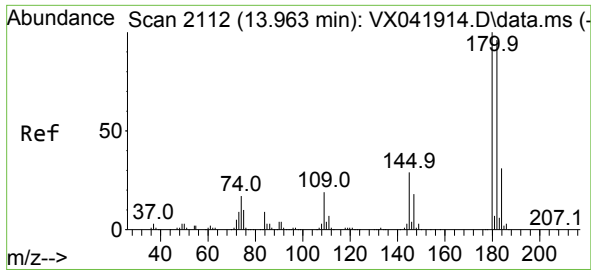
Tgt Ion:	225	Resp:	285
Ion	Ratio	Lower	Upper
225	100		
223	53.0	31.1	93.2
227	55.1	32.5	97.5



#95
Naphthalene
Concen: 0.229 ug/l
RT: 13.786 min Scan# 2083
Delta R.T. 0.012 min
Lab File: VX041973.D
Acq: 21 Jun 2024 12:03

Tgt Ion:	128	Resp:	1637
Ion	Ratio	Lower	Upper
128	100		
127	12.1	10.3	15.5
129	11.9	8.8	13.2





#96

1,2,3-Trichlorobenzene

Concen: 0.223 ug/l

RT: 13.969 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX041973.D

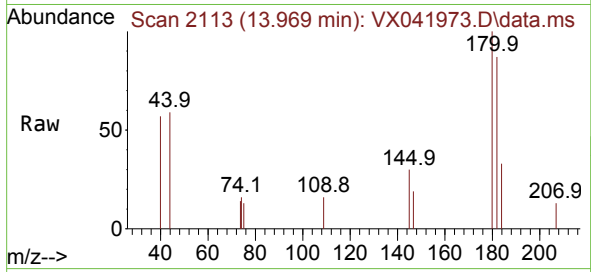
Acq: 21 Jun 2024 12:03

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT2-2024



Tgt Ion:180 Resp: 545

Ion Ratio Lower Upper

180 100

182 103.7 46.9 140.6

145 28.1 17.8 53.5

