

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062124\
 Data File : VX041975.D
 Acq On : 21 Jun 2024 12:50
 Operator : JC/MD
 Sample : P2403-09 0.75PPB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Jun 22 05:59:38 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	5.550	168	174203	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	259604	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	228750	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	110073	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	97790	48.681	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.360%
35) Dibromofluoromethane	5.385	113	86324	46.864	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.720%
50) Toluene-d8	8.647	98	297711	46.006	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.020%
62) 4-Bromofluorobenzene	11.079	95	105489	44.222	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.440%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	952	0.717	ug/l	86
3) Chloromethane	1.300	50	1442	0.866	ug/l	93
4) Vinyl Chloride	1.374	62	1274	0.763	ug/l	# 79
5) Bromomethane	1.599	94	1121	1.360	ug/l	89
6) Chloroethane	1.660	64	1739	2.070	ug/l	# 52
7) Trichlorofluoromethane	1.867	101	1738	0.795	ug/l	# 77
8) Diethyl Ether	2.136	74	784	0.764	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.312	101	1198	0.795	ug/l	# 87
10) Methyl Iodide	2.447	142	1130	0.604	ug/l	# 80
11) Tert butyl alcohol	2.995	59	1264	3.316	ug/l	# 78
12) 1,1-Dichloroethene	2.306	96	1092	0.727	ug/l	# 78
13) Acrolein	2.239	56	1248	2.920	ug/l	97
14) Allyl chloride	2.654	41	1747	0.733	ug/l	87
15) Acrylonitrile	3.081	53	3471	3.486	ug/l	98
16) Acetone	2.392	43	3748	4.249	ug/l	94
17) Carbon Disulfide	2.495	76	2401	0.784	ug/l	99
18) Methyl Acetate	2.709	43	1784	0.741	ug/l	98
19) Methyl tert-butyl Ether	3.129	73	3382	0.681	ug/l	95
20) Methylene Chloride	2.788	84	2337	1.210	ug/l	91
21) trans-1,2-Dichloroethene	3.081	96	1134	0.744	ug/l	# 83
22) Diisopropyl ether	3.776	45	3591	0.713	ug/l	# 88
23) Vinyl Acetate	3.739	43	13540	3.148	ug/l	96
24) 1,1-Dichloroethane	3.611	63	2078	0.737	ug/l	# 90
25) 2-Butanone	4.605	43	4719	3.439	ug/l	98
26) 2,2-Dichloropropane	4.465	77	1319	0.646	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	1270	0.665	ug/l	91
28) Bromochloromethane	4.903	49	838	0.694	ug/l	# 76
29) Tetrahydrofuran	5.044	42	2937	3.314	ug/l	# 90
30) Chloroform	5.105	83	2029	0.690	ug/l	94
31) Cyclohexane	5.458	56	1631	0.694	ug/l	92
32) 1,1,1-Trichloroethane	5.385	97	1712	0.697	ug/l	# 49
36) 1,1-Dichloropropene	5.690	75	1572	0.804	ug/l	# 93
37) Ethyl Acetate	4.757	43	2031	0.797	ug/l	# 77
38) Carbon Tetrachloride	5.678	117	1434	0.664	ug/l	88
39) Methylcyclohexane	7.379	83	1652	0.668	ug/l	# 80
40) Benzene	6.044	78	4972	0.754	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.958	41	513	0.371	ug/l #	80
42) 1,2-Dichloroethane	6.098	62	1702	0.801	ug/l	85
43) Isopropyl Acetate	6.373	43	2645	0.676	ug/l	95
44) Trichloroethene	7.135	130	1478	0.836	ug/l	79
45) 1,2-Dichloropropane	7.440	63	1126	0.694	ug/l #	82
46) Dibromomethane	7.592	93	849	0.718	ug/l #	81
47) Bromodichloromethane	7.830	83	1419	0.654	ug/l	94
48) Methyl methacrylate	7.714	41	839	0.449	ug/l #	83
49) 1,4-Dioxane	7.683	88	150	3.324	ug/l #	1
51) 4-Methyl-2-Pentanone	8.580	43	8226	3.053	ug/l	96
52) Toluene	8.720	92	2952	0.703	ug/l	93
53) t-1,3-Dichloropropene	8.988	75	1028	0.484	ug/l #	85
54) cis-1,3-Dichloropropene	8.378	75	1402	0.590	ug/l	96
55) 1,1,2-Trichloroethane	9.159	97	1136	0.649	ug/l #	86
56) Ethyl methacrylate	9.128	69	1457	0.535	ug/l #	95
57) 1,3-Dichloropropane	9.311	76	1879	0.665	ug/l	92
58) 2-Chloroethyl Vinyl ether	8.250	63	4175	3.291	ug/l	99
59) 2-Hexanone	9.445	43	5947	2.882	ug/l	94
60) Dibromochloromethane	9.525	129	1039	0.547	ug/l	83
61) 1,2-Dibromoethane	9.616	107	1260	0.694	ug/l	98
64) Tetrachloroethene	9.275	164	1254	0.753	ug/l	87
65) Chlorobenzene	10.085	112	3505	0.737	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.165	131	1171	0.703	ug/l #	66
67) Ethyl Benzene	10.195	91	5024	0.674	ug/l	99
68) m/p-Xylenes	10.305	106	3759	1.249	ug/l	96
69) o-Xylene	10.646	106	2010	0.675	ug/l	91
70) Styrene	10.665	104	3086	0.618	ug/l #	90
71) Bromoform	10.799	173	947	0.636	ug/l #	93
73) Isopropylbenzene	10.963	105	4636	0.693	ug/l	96
74) N-amyl acetate	10.854	43	1780	0.599	ug/l #	92
75) 1,1,2,2-Tetrachloroethane	11.213	83	2042	0.821	ug/l	91
76) 1,2,3-Trichloropropane	11.244	75	2122	1.062	ug/l	87
77) Bromobenzene	11.201	156	1571	0.788	ug/l	80
78) n-propylbenzene	11.305	91	5125	0.706	ug/l	96
79) 2-Chlorotoluene	11.372	91	3674	0.785	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	3910	0.701	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.079	75	48817	69.378	ug/l #	5
82) 4-Chlorotoluene	11.457	91	4051	0.783	ug/l	97
83) tert-Butylbenzene	11.719	119	4309	0.704	ug/l	88
84) 1,2,4-Trimethylbenzene	11.756	105	3793	0.678	ug/l	94
85) sec-Butylbenzene	11.890	105	4512	0.652	ug/l	96
86) p-Isopropyltoluene	12.012	119	3686	0.610	ug/l	95
87) 1,3-Dichlorobenzene	11.975	146	2443	0.697	ug/l	94
88) 1,4-Dichlorobenzene	11.975	146	2443	0.680	ug/l	95
89) n-Butylbenzene	12.335	91	2656	0.571	ug/l	98
90) Hexachloroethane	12.542	117	597	0.580	ug/l #	51
91) 1,2-Dichlorobenzene	12.335	146	2555	0.713	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	12.951	75	260	0.527	ug/l #	45
93) 1,2,4-Trichlorobenzene	13.591	180	1485	0.632	ug/l	88
94) Hexachlorobutadiene	13.725	225	810	0.682	ug/l	99
95) Naphthalene	13.780	128	4435	0.613	ug/l	97
96) 1,2,3-Trichlorobenzene	13.963	180	1572	0.635	ug/l	93

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QLast Update : Sat Jun 22 05:57:20 2024
Response via : Initial Calibration

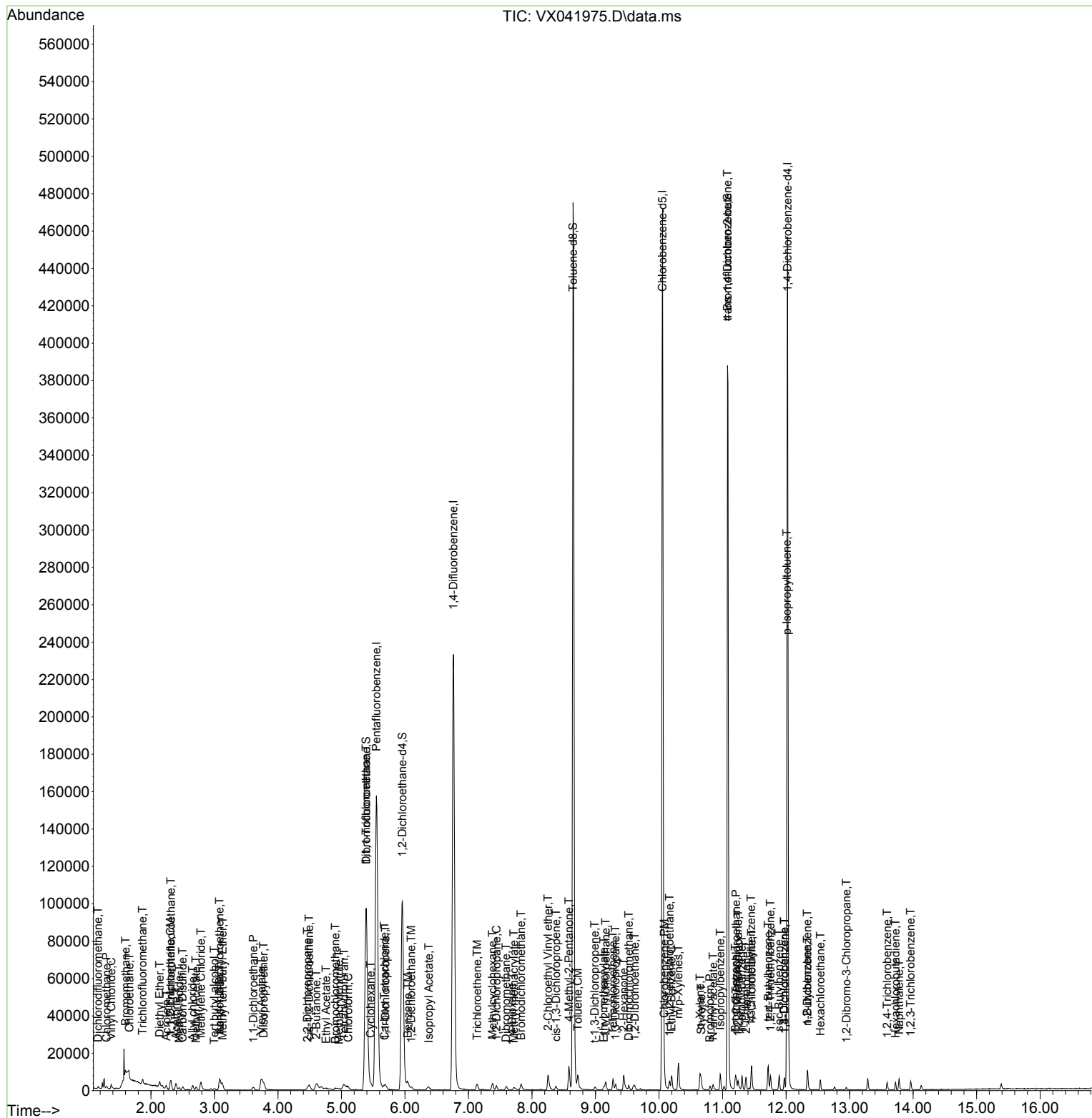
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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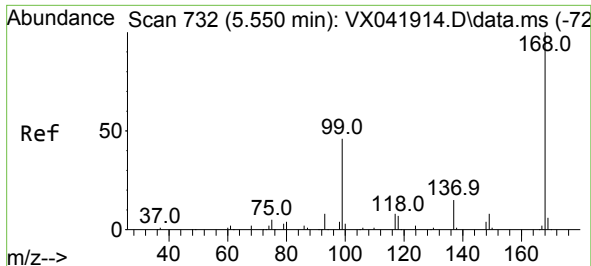
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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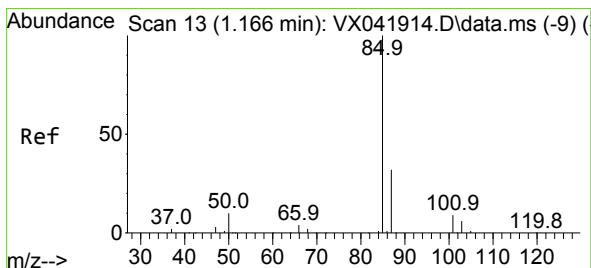
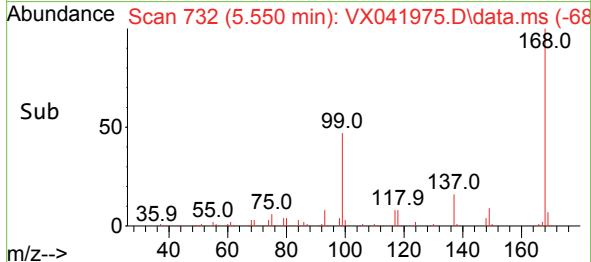
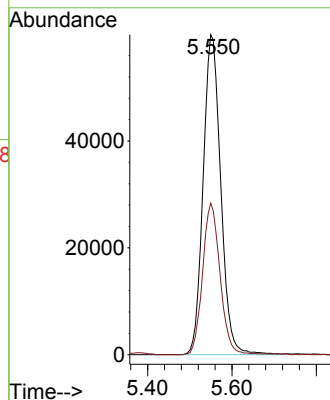
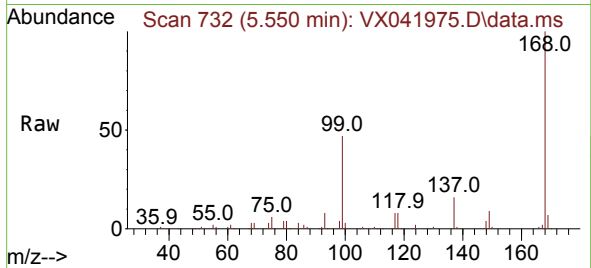




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
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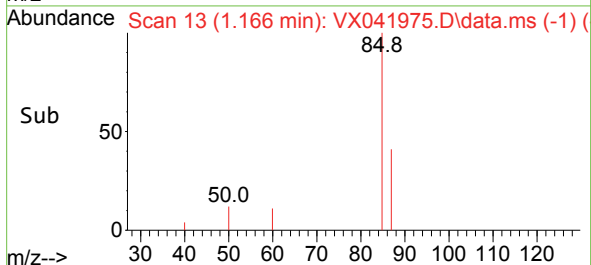
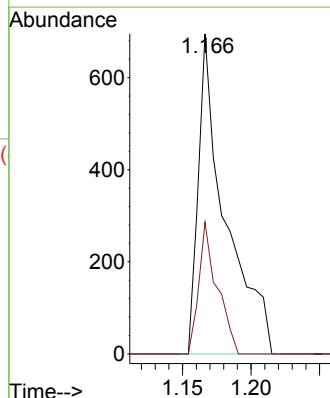
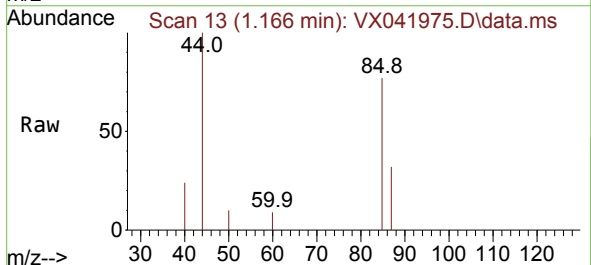
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2024

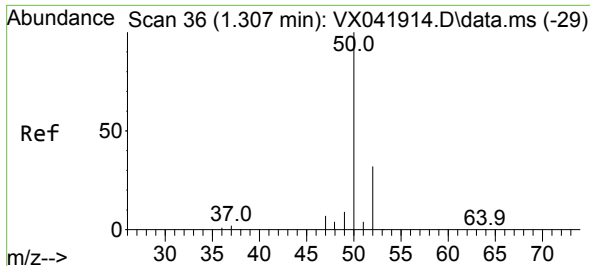
Tgt Ion:168 Resp: 174203
Ion Ratio Lower Upper
168 100
99 47.3 56.6 85.0#



#2
Dichlorodifluoromethane
Concen: 0.717 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX041975.D
Acq: 21 Jun 2024 12:50

Tgt Ion: 85 Resp: 952
Ion Ratio Lower Upper
85 100
87 41.2 16.7 50.1





#3

Chloromethane

Concen: 0.866 ug/l

RT: 1.300 min Scan# 36

Delta R.T. -0.006 min

Lab File: VX041975.D

Acq: 21 Jun 2024 12:50

Instrument :

MSVOA_X

ClientSampleId :

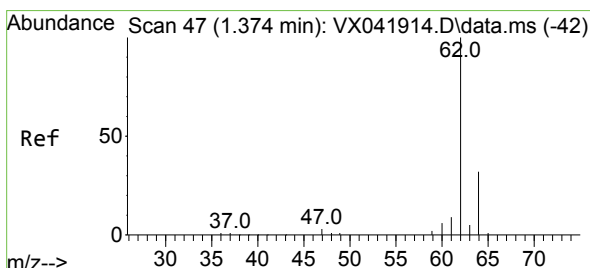
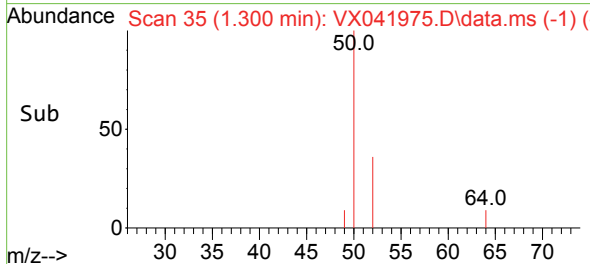
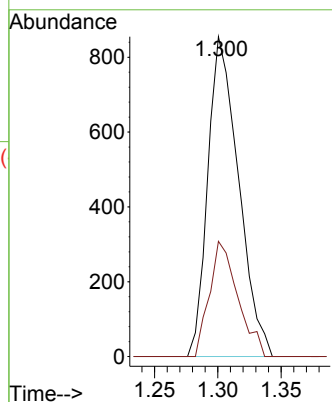
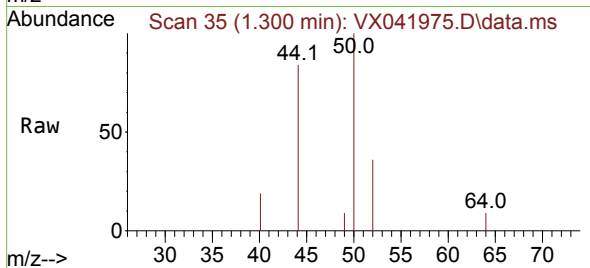
MDL-WATER-03-QT2-2024

Tgt Ion: 50 Resp: 1442

Ion Ratio Lower Upper

50 100

52 36.0 25.5 38.3



#4

Vinyl Chloride

Concen: 0.763 ug/l

RT: 1.374 min Scan# 47

Delta R.T. 0.000 min

Lab File: VX041975.D

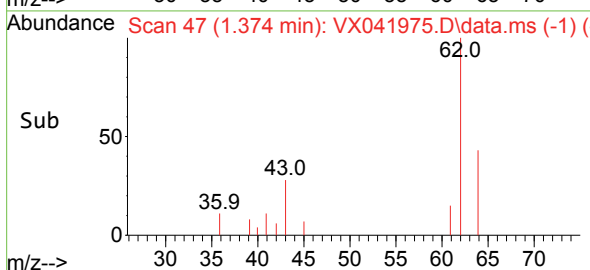
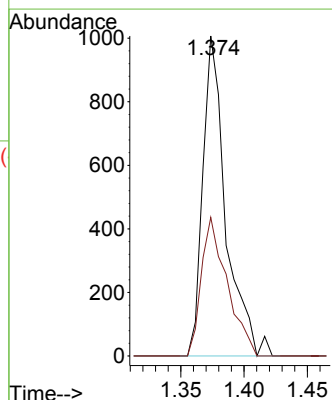
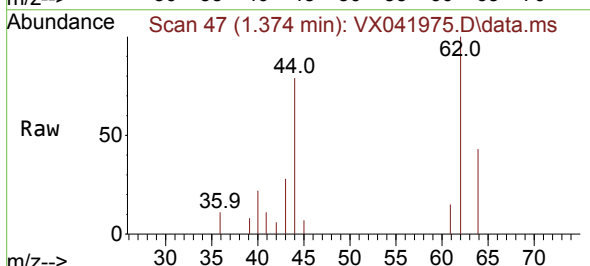
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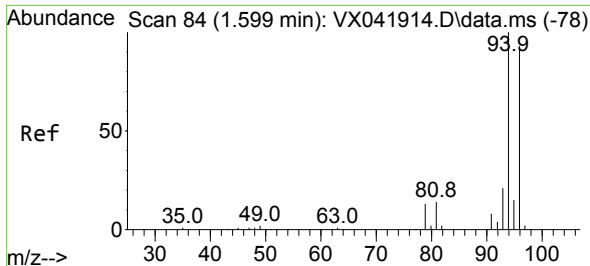
Tgt Ion: 62 Resp: 1274

Ion Ratio Lower Upper

62 100

64 43.3 25.4 38.0#

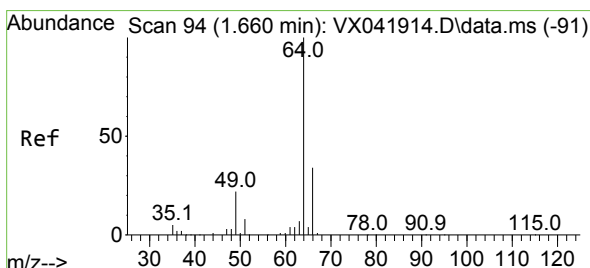
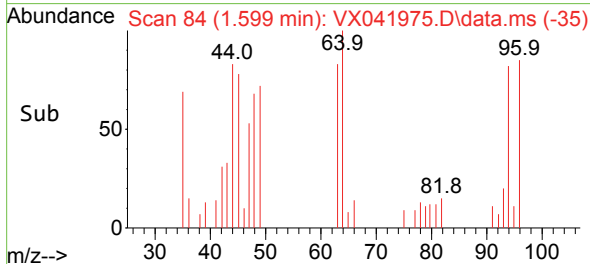
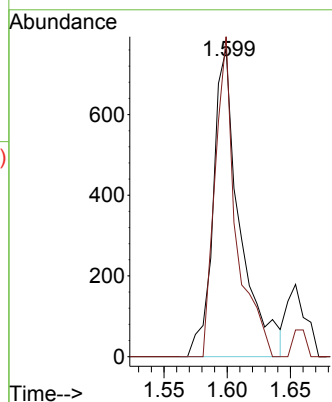
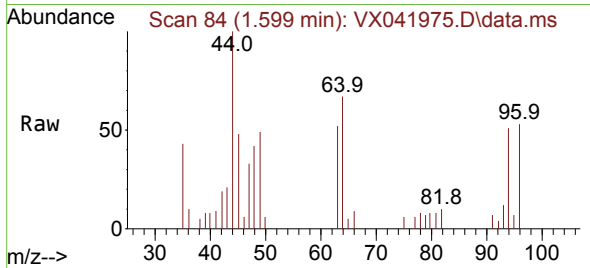




#5
Bromomethane
Concen: 1.360 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX041975.D
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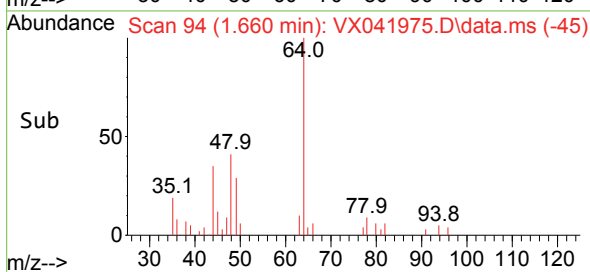
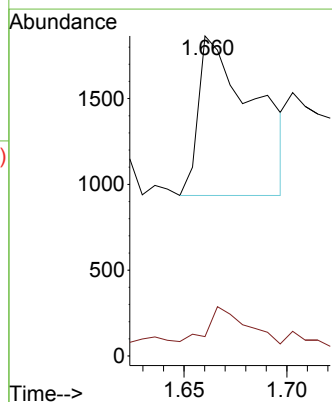
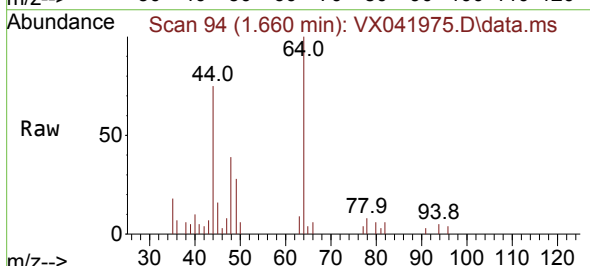
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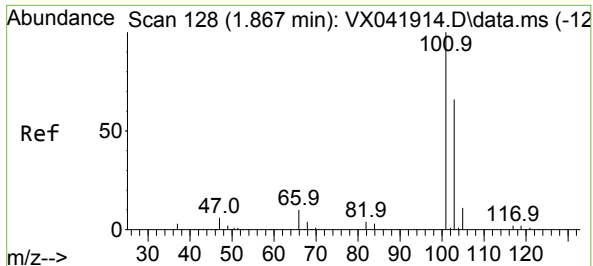
Tgt Ion: 94 Resp: 1121
Ion Ratio Lower Upper
94 100
96 103.9 74.6 111.8



#6
Chloroethane
Concen: 2.070 ug/l
RT: 1.660 min Scan# 94
Delta R.T. 0.000 min
Lab File: VX041975.D
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Tgt Ion: 64 Resp: 1739
Ion Ratio Lower Upper
64 100
66 4.6 25.1 37.7#

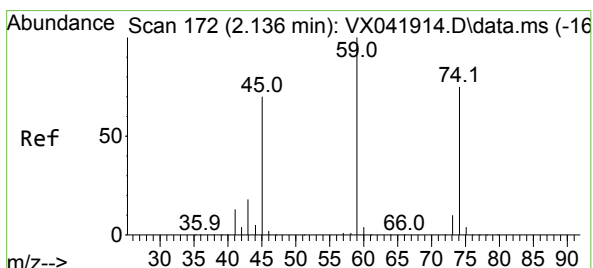
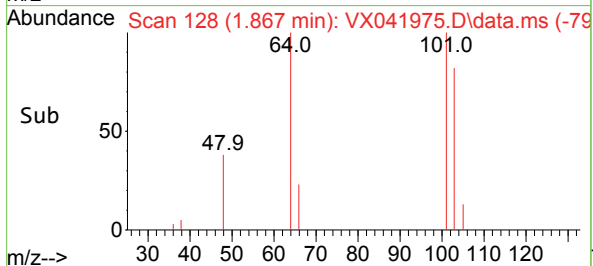
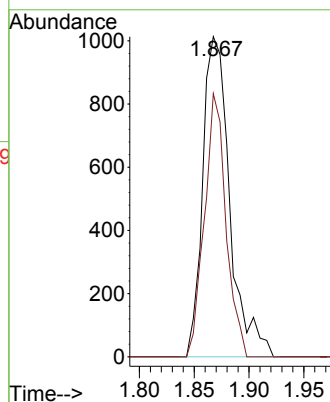
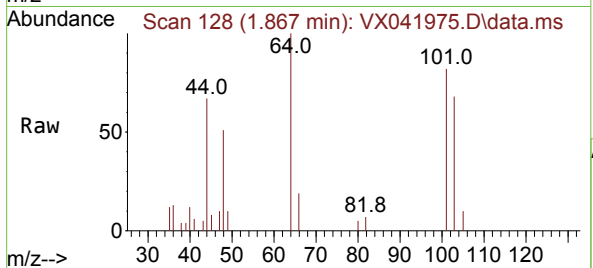




#7
Trichlorofluoromethane
Concen: 0.795 ug/l
RT: 1.867 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX041975.D
Acq: 21 Jun 2024 12:50

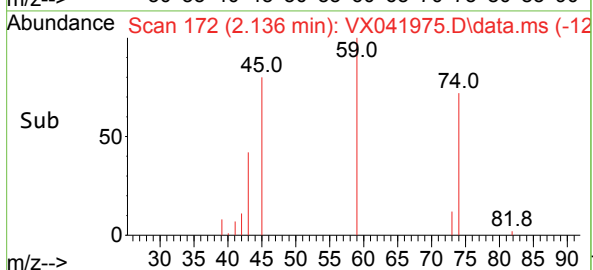
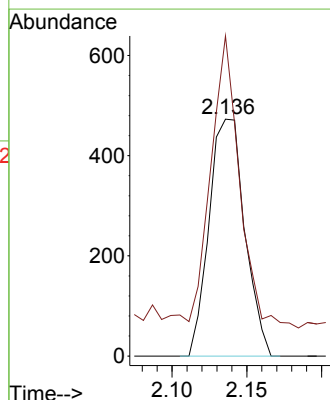
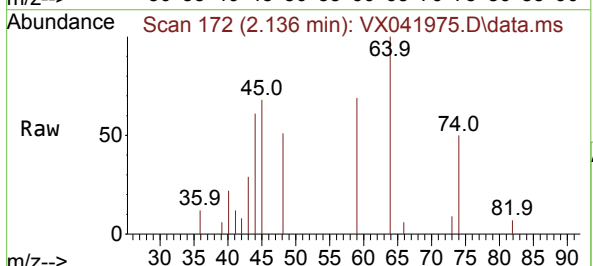
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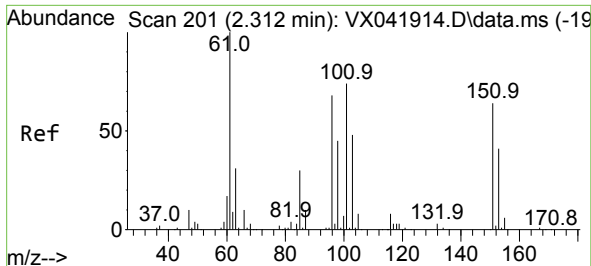
Tgt Ion:101 Resp: 1738
Ion Ratio Lower Upper
101 100
103 82.2 51.4 77.2#



#8
Diethyl Ether
Concen: 0.764 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX041975.D
Acq: 21 Jun 2024 12:50

Tgt Ion: 74 Resp: 784
Ion Ratio Lower Upper
74 100
45 106.1 53.3 159.8

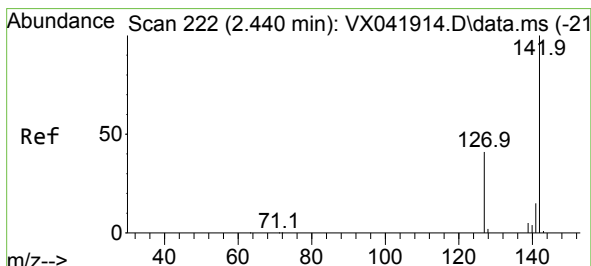
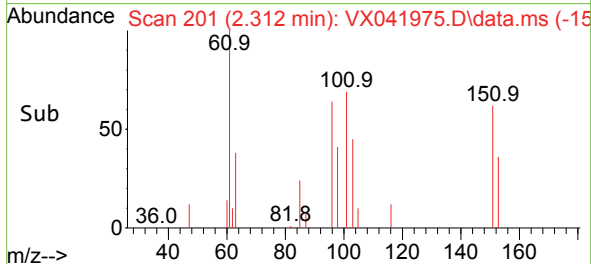
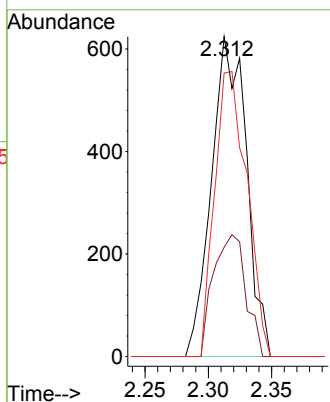
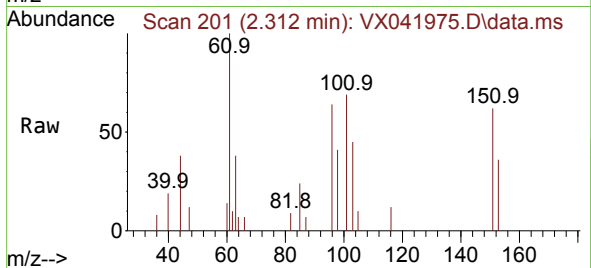




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.795 ug/l
RT: 2.312 min Scan# 201
Delta R.T. 0.000 min
Lab File: VX041975.D
Acq: 21 Jun 2024 12:50

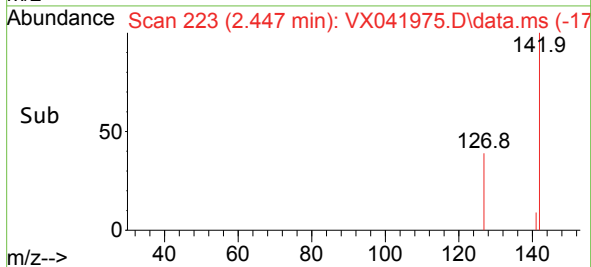
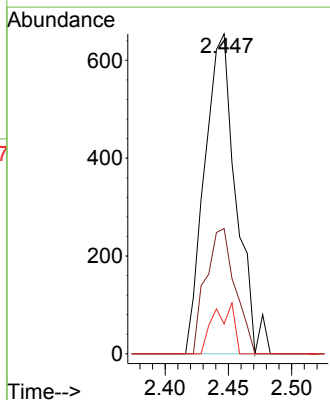
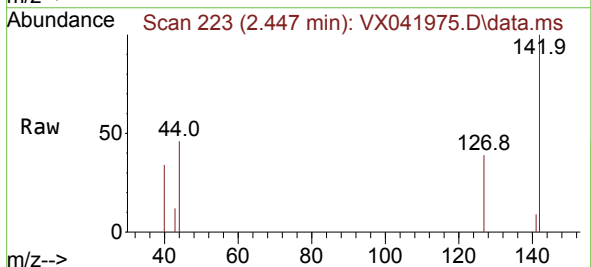
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2024

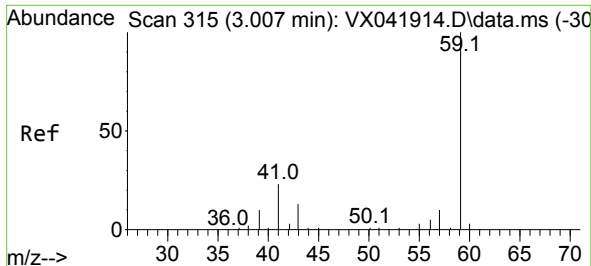
Tgt Ion:101 Resp: 1198
Ion Ratio Lower Upper
101 100
85 35.3 37.0 55.6#
151 82.3 58.6 87.8



#10
Methyl Iodide
Concen: 0.604 ug/l
RT: 2.447 min Scan# 223
Delta R.T. 0.006 min
Lab File: VX041975.D
Acq: 21 Jun 2024 12:50

Tgt Ion:142 Resp: 1130
Ion Ratio Lower Upper
142 100
127 36.5 41.6 62.4#
141 10.2 11.6 17.4#

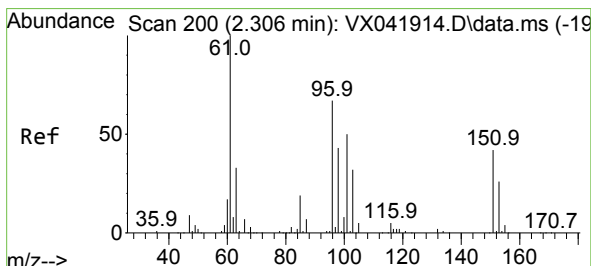
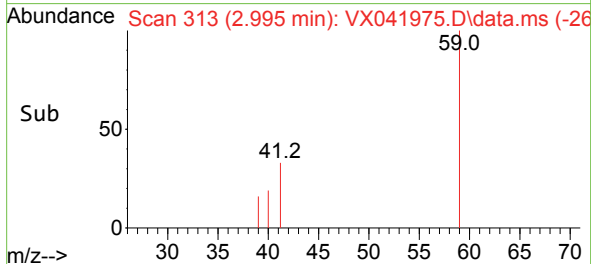
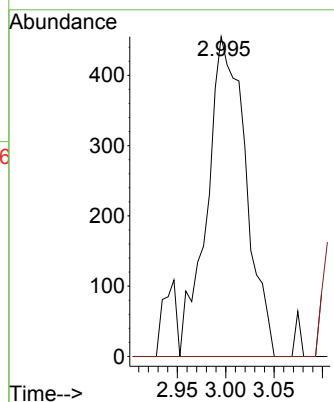
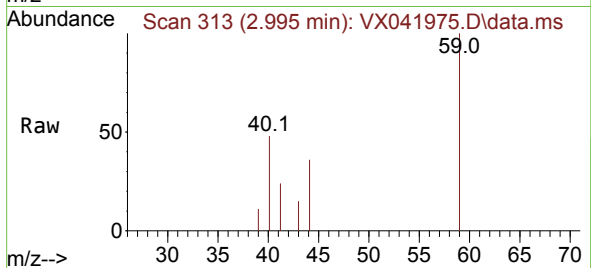




#11
Tert butyl alcohol
Concen: 3.316 ug/l
RT: 2.995 min Scan# 315
Delta R.T. -0.012 min
Lab File: VX041975.D
Acq: 21 Jun 2024 12:50

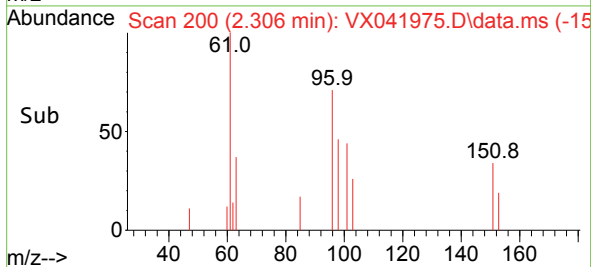
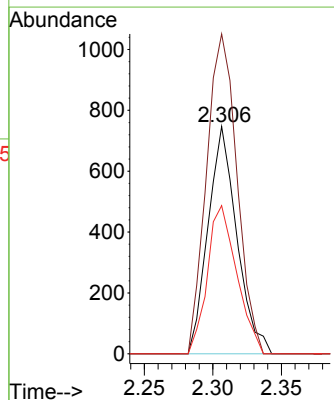
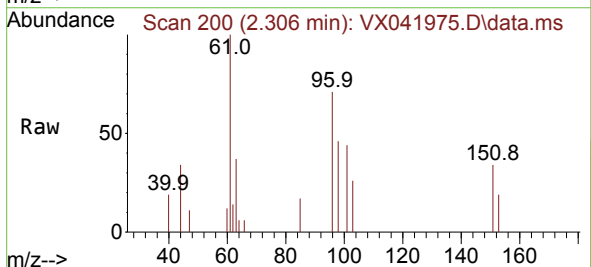
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT2-2024

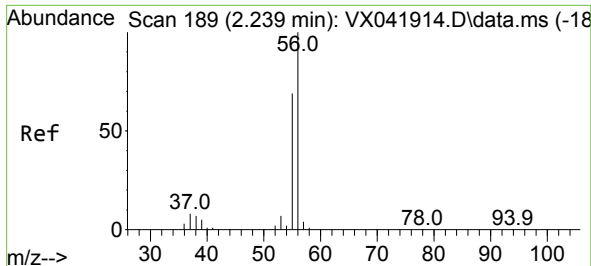
Tgt Ion: 59 Resp: 1264
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#



#12
1,1-Dichloroethene
Concen: 0.727 ug/l
RT: 2.306 min Scan# 200
Delta R.T. 0.000 min
Lab File: VX041975.D
Acq: 21 Jun 2024 12:50

Tgt Ion: 96 Resp: 1092
Ion Ratio Lower Upper
96 100
61 140.7 144.6 216.8#
98 65.2 50.4 75.6





#13

Acrolein

Concen: 2.920 ug/l

RT: 2.239 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX041975.D

Acq: 21 Jun 2024 12:50

Instrument :

MSVOA_X

ClientSampleId :

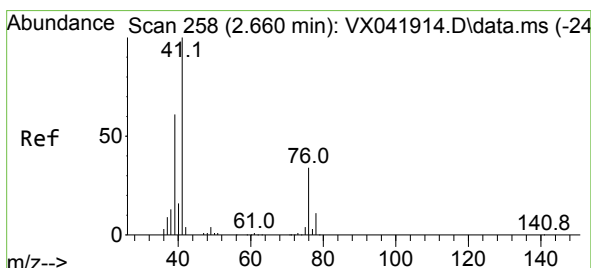
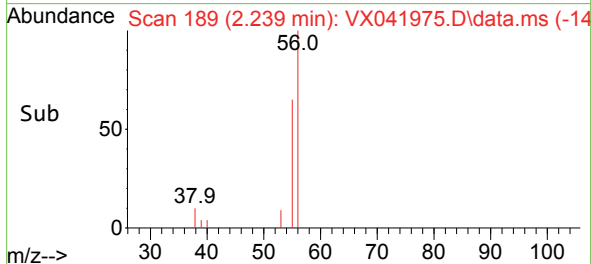
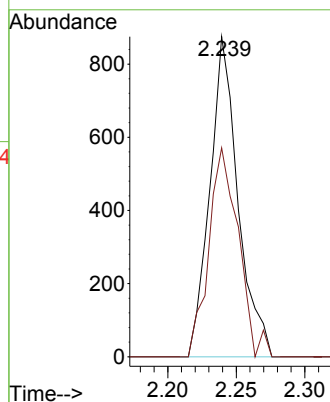
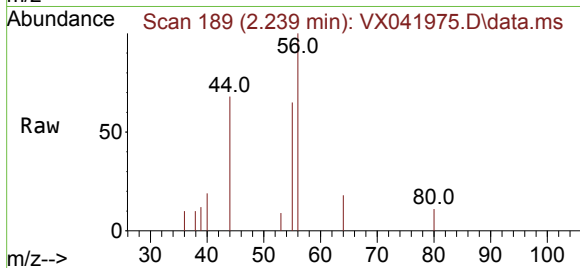
MDL-WATER-03-QT2-2024

Tgt Ion: 56 Resp: 1248

Ion Ratio Lower Upper

56 100

55 68.6 57.1 85.7



#14

Allyl chloride

Concen: 0.733 ug/l

RT: 2.654 min Scan# 257

Delta R.T. -0.006 min

Lab File: VX041975.D

Acq: 21 Jun 2024 12:50

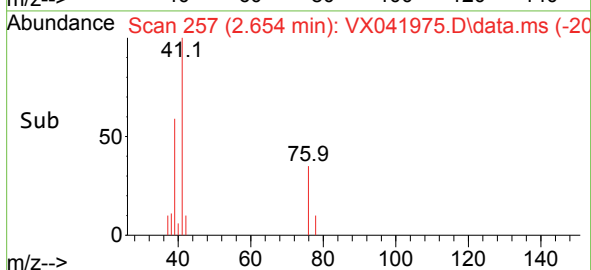
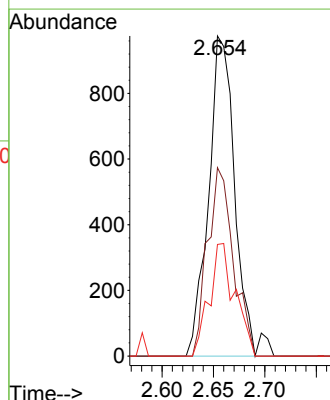
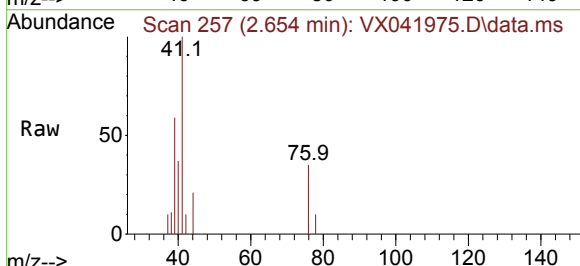
Tgt Ion: 41 Resp: 1747

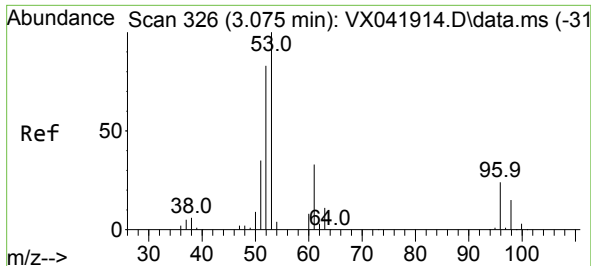
Ion Ratio Lower Upper

41 100

39 57.4 55.8 83.6

76 34.2 24.3 36.5





#15

Acrylonitrile

Concen: 3.486 ug/l

RT: 3.081 min Scan# 31

Delta R.T. 0.006 min

Lab File: VX041975.D

Acq: 21 Jun 2024 12:50

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT2-2024

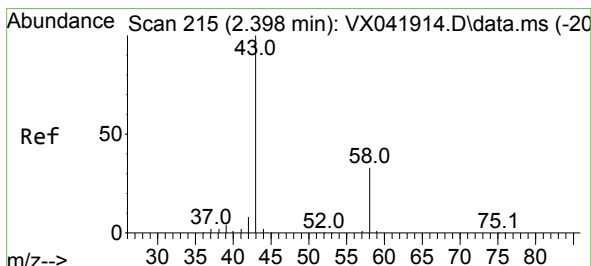
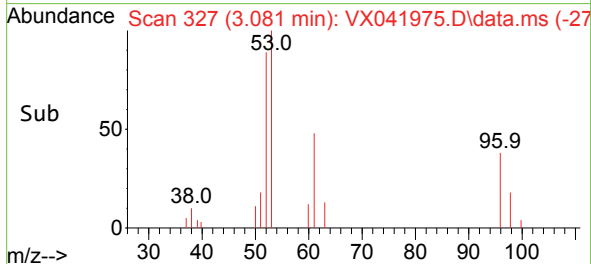
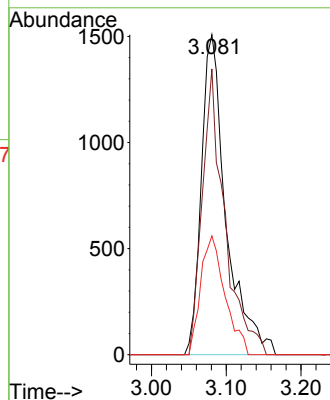
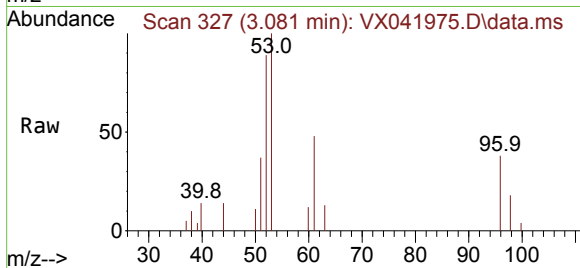
Tgt Ion: 53 Resp: 3471

Ion Ratio Lower Upper

53 100

52 80.8 66.0 99.0

51 36.4 29.8 44.6



#16

Acetone

Concen: 4.249 ug/l

RT: 2.392 min Scan# 214

Delta R.T. -0.006 min

Lab File: VX041975.D

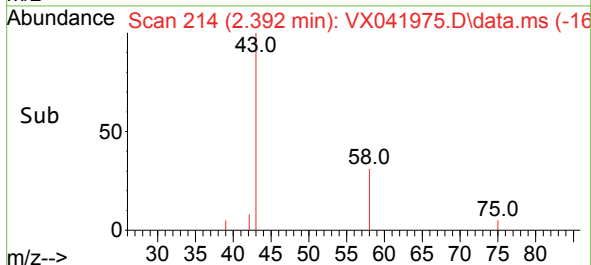
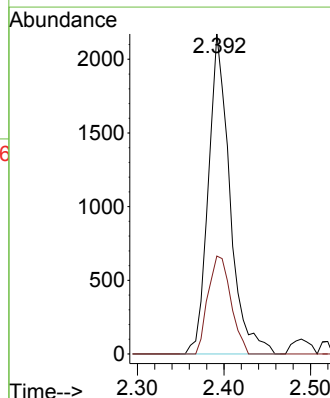
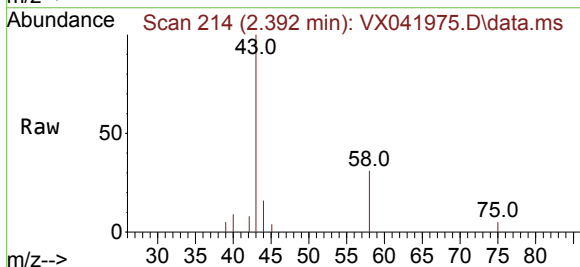
Acq: 21 Jun 2024 12:50

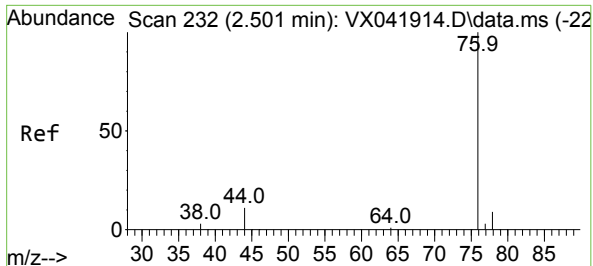
Tgt Ion: 43 Resp: 3748

Ion Ratio Lower Upper

43 100

58 30.6 21.9 32.9





#17

Carbon Disulfide

Concen: 0.784 ug/l

RT: 2.495 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX041975.D

Acq: 21 Jun 2024 12:50

Instrument :

MSVOA_X

ClientSampleId :

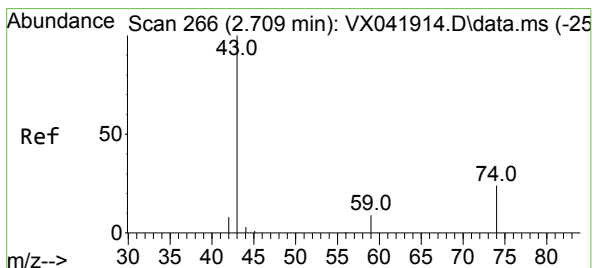
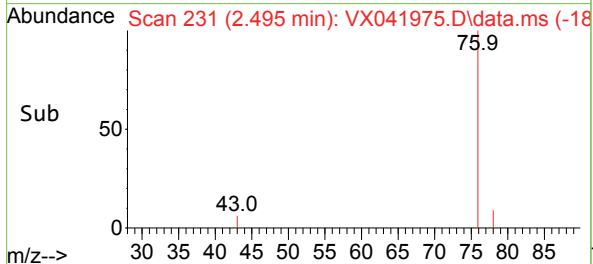
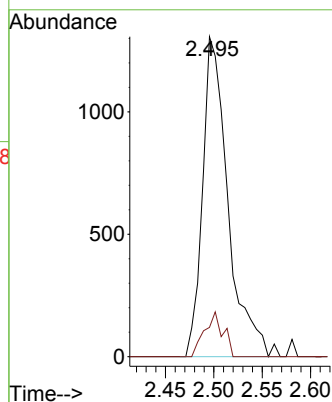
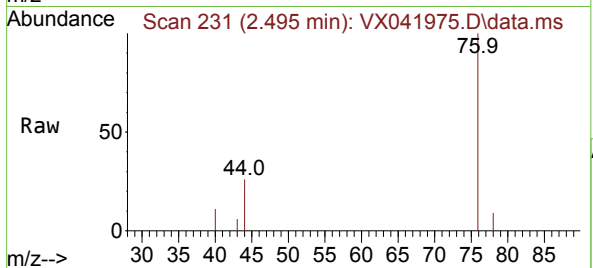
MDL-WATER-03-QT2-2024

Tgt Ion: 76 Resp: 2401

Ion Ratio Lower Upper

76 100

78 9.2 7.0 10.6



#18

Methyl Acetate

Concen: 0.741 ug/l

RT: 2.709 min Scan# 266

Delta R.T. 0.000 min

Lab File: VX041975.D

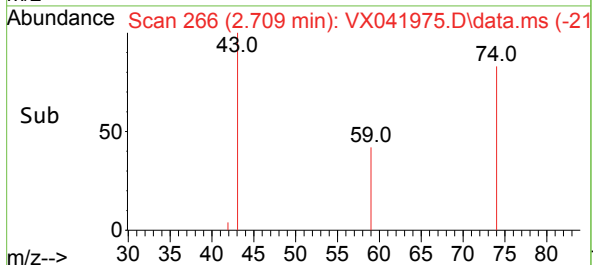
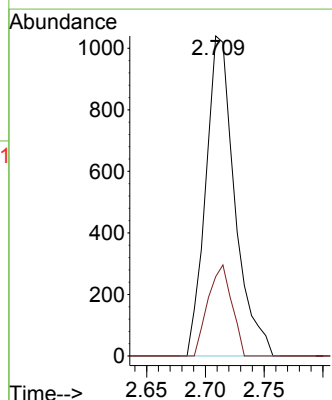
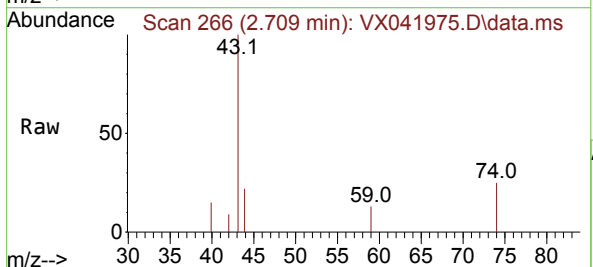
Acq: 21 Jun 2024 12:50

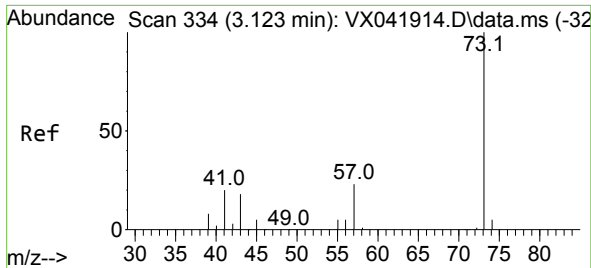
Tgt Ion: 43 Resp: 1784

Ion Ratio Lower Upper

43 100

74 23.3 17.8 26.8

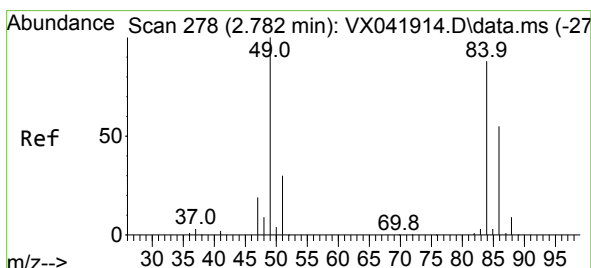
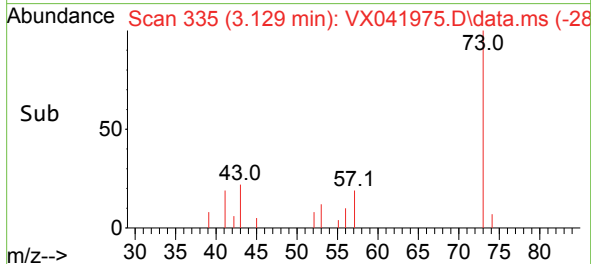
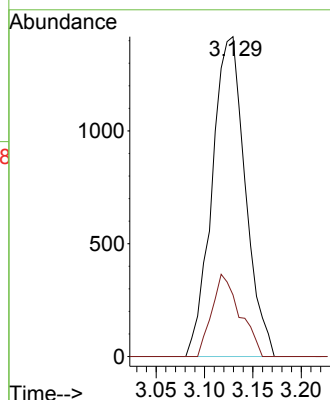
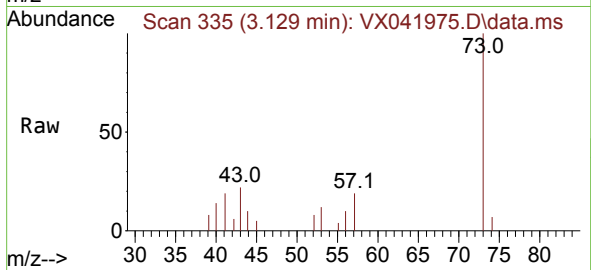




#19
Methyl tert-butyl Ether
Concen: 0.681 ug/l
RT: 3.129 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX041975.D
Acq: 21 Jun 2024 12:50

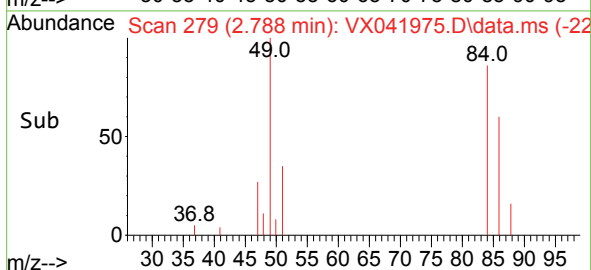
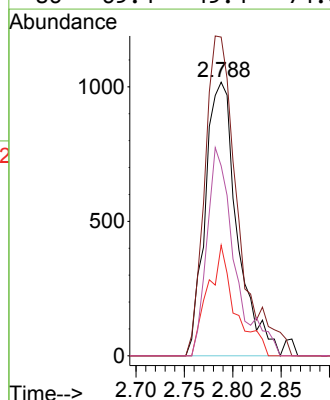
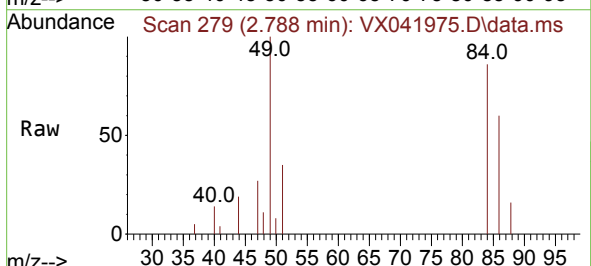
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2024

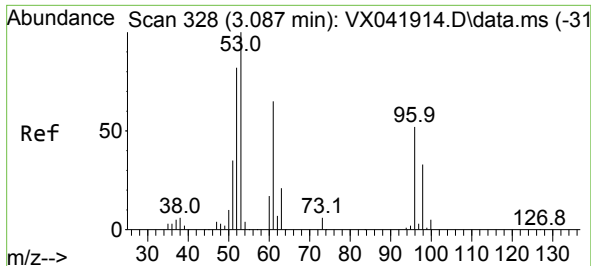
Tgt Ion: 73 Resp: 3382
Ion Ratio Lower Upper
73 100
57 19.3 17.3 25.9



#20
Methylene Chloride
Concen: 1.210 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX041975.D
Acq: 21 Jun 2024 12:50

Tgt Ion: 84 Resp: 2337
Ion Ratio Lower Upper
84 100
49 116.5 103.6 155.4
51 40.4 33.8 50.6
86 69.4 49.4 74.0

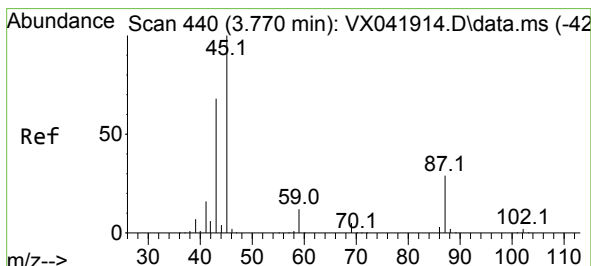
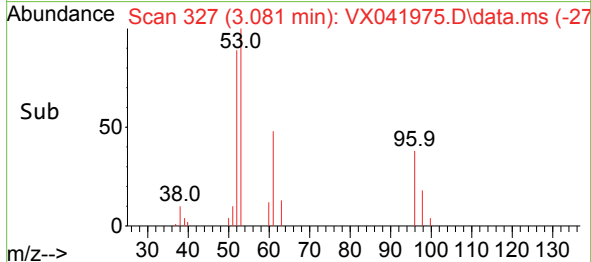
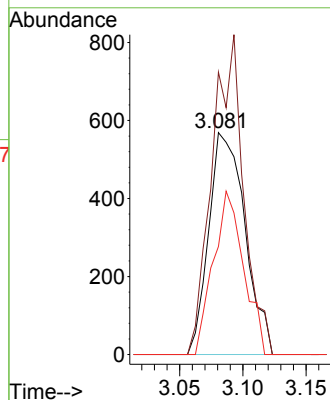
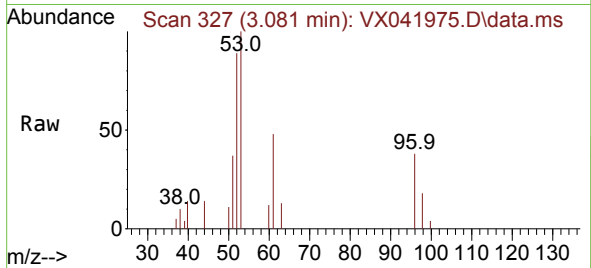




#21
trans-1,2-Dichloroethene
Concen: 0.744 ug/l
RT: 3.081 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX041975.D
Acq: 21 Jun 2024 12:50

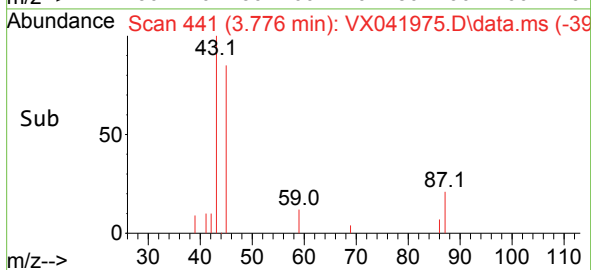
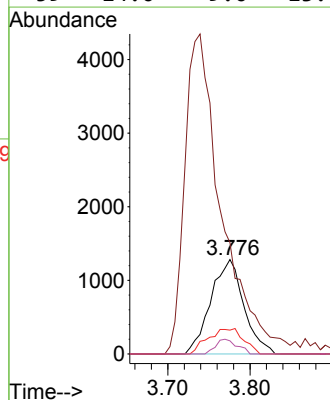
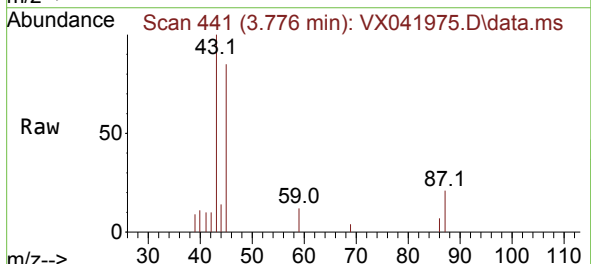
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2024

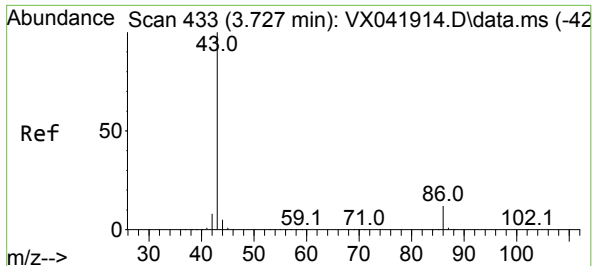
Tgt Ion: 96 Resp: 1134
Ion Ratio Lower Upper
96 100
61 127.2 119.2 178.8
98 48.7 48.7 73.1#



#22
Diisopropyl ether
Concen: 0.713 ug/l
RT: 3.776 min Scan# 441
Delta R.T. 0.006 min
Lab File: VX041975.D
Acq: 21 Jun 2024 12:50

Tgt Ion: 45 Resp: 3591
Ion Ratio Lower Upper
45 100
43 101.3 69.7 104.5
87 25.3 20.8 31.2
59 14.0 9.0 13.4#





#23

Vinyl Acetate

Concen: 3.148 ug/l

RT: 3.739 min Scan# 41

Delta R.T. 0.012 min

Lab File: VX041975.D

Acq: 21 Jun 2024 12:50

Instrument :

MSVOA_X

ClientSampleId :

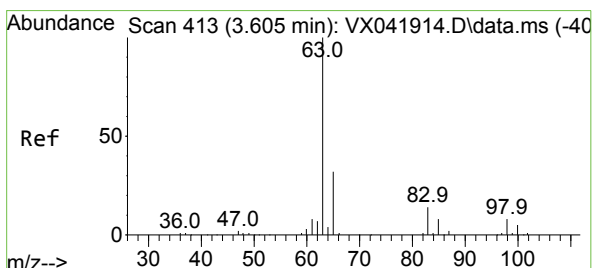
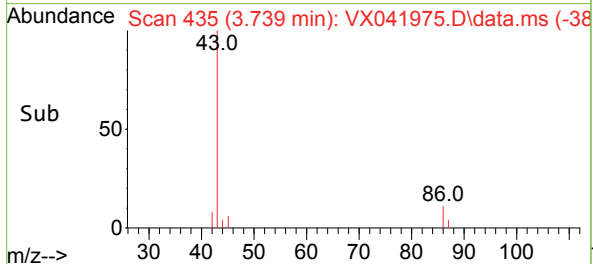
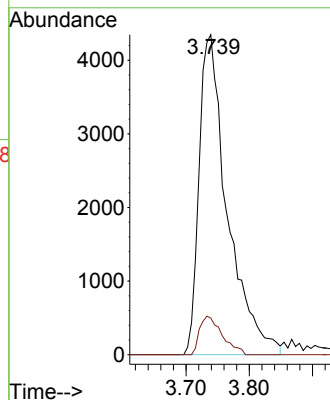
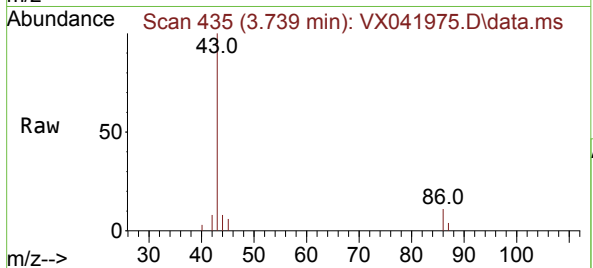
MDL-WATER-03-QT2-2024

Tgt Ion: 43 Resp: 13540

Ion Ratio Lower Upper

43 100

86 11.5 7.8 11.8



#24

1,1-Dichloroethane

Concen: 0.737 ug/l

RT: 3.611 min Scan# 414

Delta R.T. 0.006 min

Lab File: VX041975.D

Acq: 21 Jun 2024 12:50

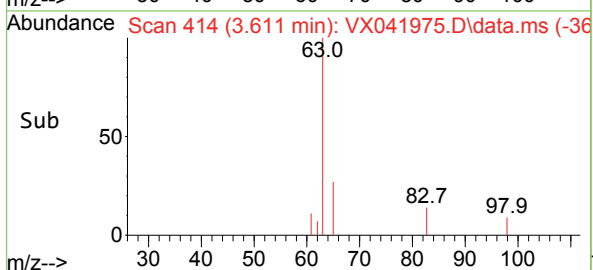
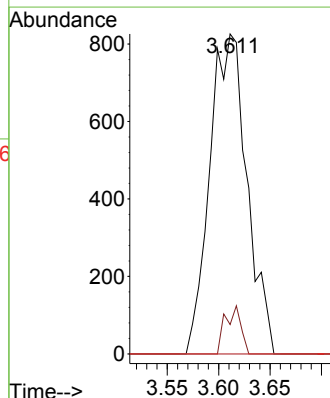
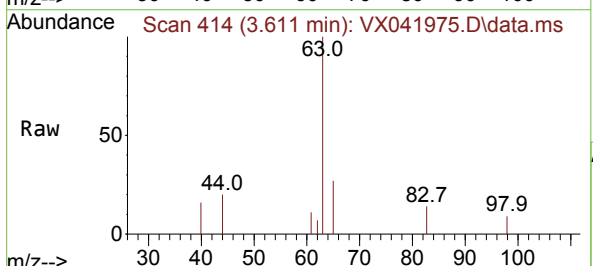
Tgt Ion: 63 Resp: 2078

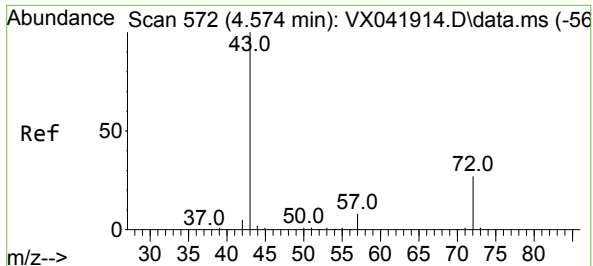
Ion Ratio Lower Upper

63 100

98 9.2 3.3 9.8

100 0.0 2.1 6.5





#25

2-Butanone

Concen: 3.439 ug/l

RT: 4.605 min Scan# 51

Delta R.T. 0.031 min

Lab File: VX041975.D

Acq: 21 Jun 2024 12:50

Instrument :

MSVOA_X

ClientSampleId :

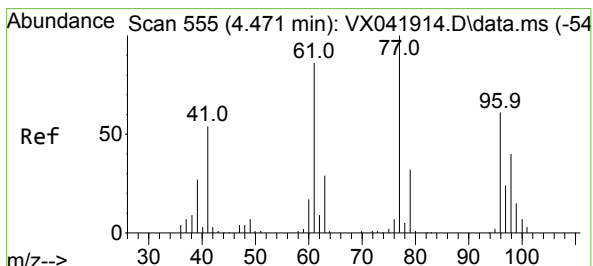
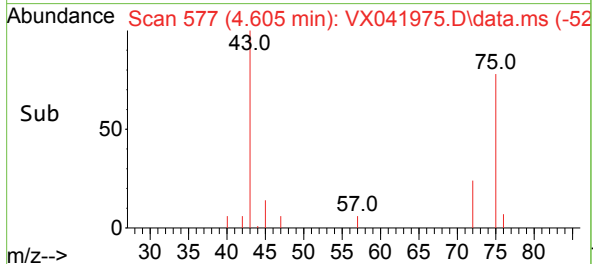
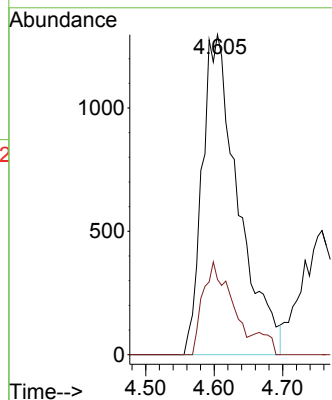
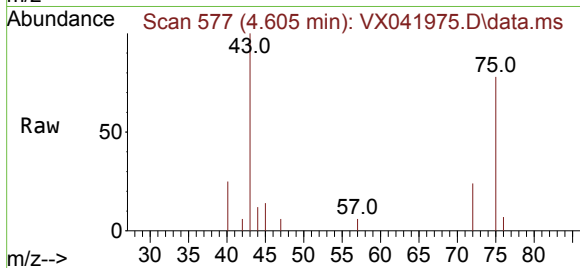
MDL-WATER-03-QT2-2024

Tgt Ion: 43 Resp: 4719

Ion Ratio Lower Upper

43 100

72 23.5 19.4 29.2



#26

2,2-Dichloropropane

Concen: 0.646 ug/l

RT: 4.465 min Scan# 554

Delta R.T. -0.006 min

Lab File: VX041975.D

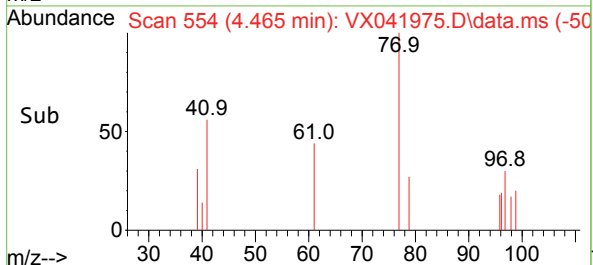
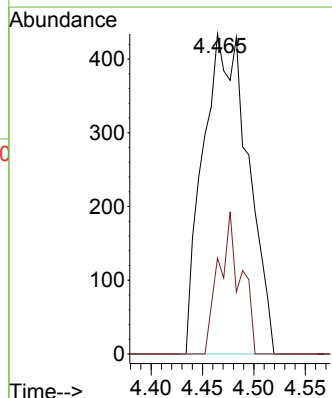
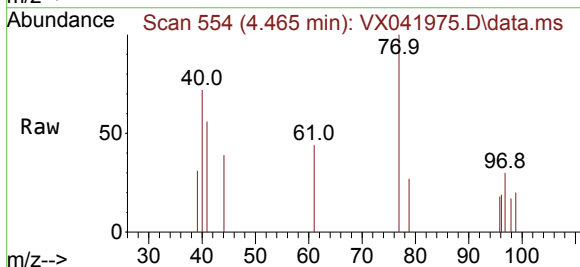
Acq: 21 Jun 2024 12:50

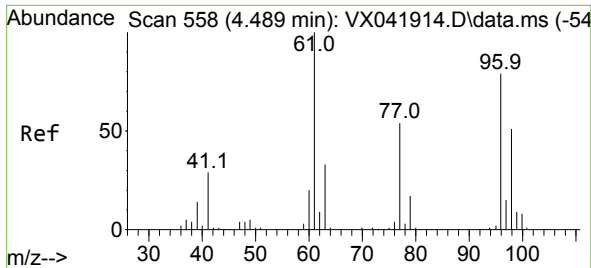
Tgt Ion: 77 Resp: 1319

Ion Ratio Lower Upper

77 100

97 21.9 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 0.665 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX041975.D

Acq: 21 Jun 2024 12:50

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT2-2024

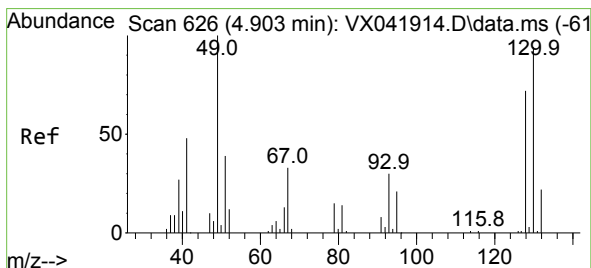
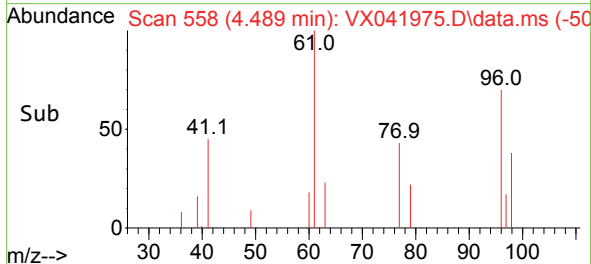
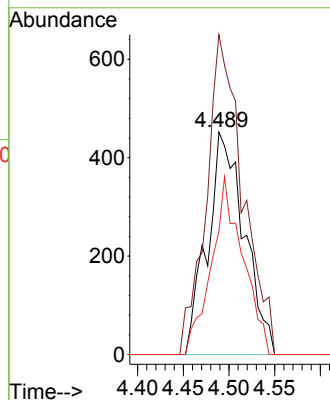
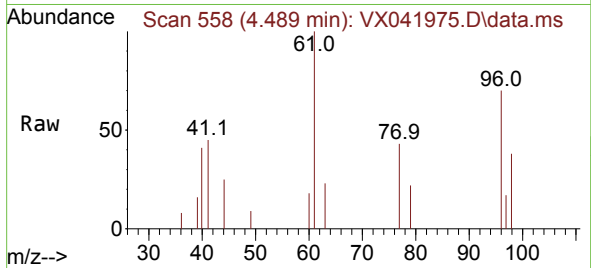
Tgt Ion: 96 Resp: 1270

Ion Ratio Lower Upper

96 100

61 142.4 0.0 312.2

98 67.8 0.0 129.0



#28

Bromochloromethane

Concen: 0.694 ug/l

RT: 4.903 min Scan# 626

Delta R.T. 0.000 min

Lab File: VX041975.D

Acq: 21 Jun 2024 12:50

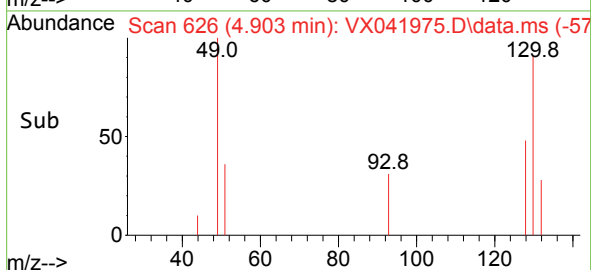
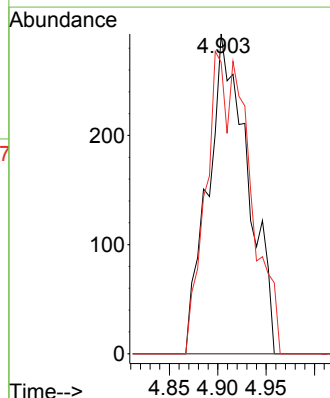
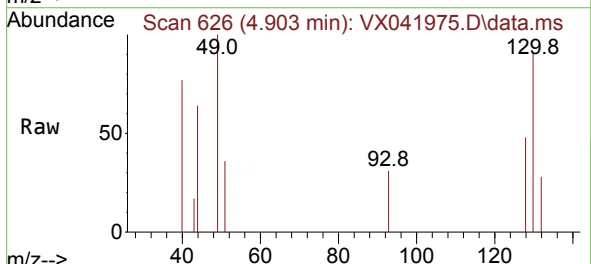
Tgt Ion: 49 Resp: 838

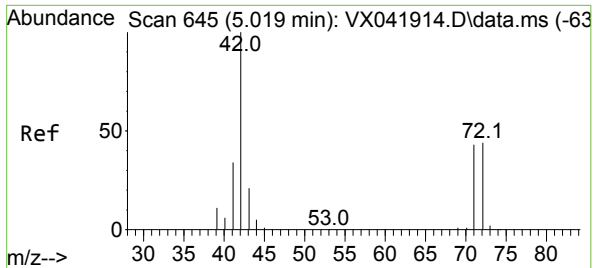
Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.8

130 51.8 57.5 86.3#





#29

Tetrahydrofuran

Concen: 3.314 ug/l

RT: 5.044 min Scan# 645

Delta R.T. 0.024 min

Lab File: VX041975.D

Acq: 21 Jun 2024 12:50

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT2-2024

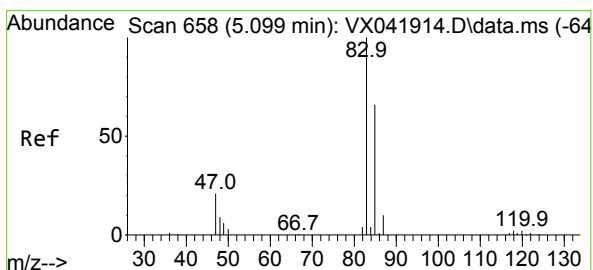
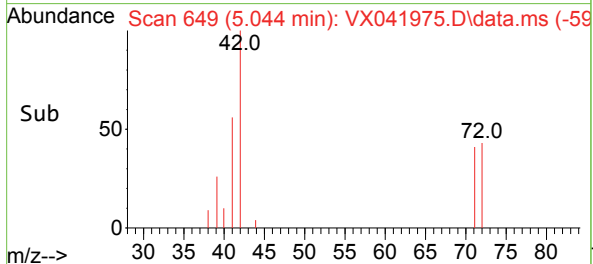
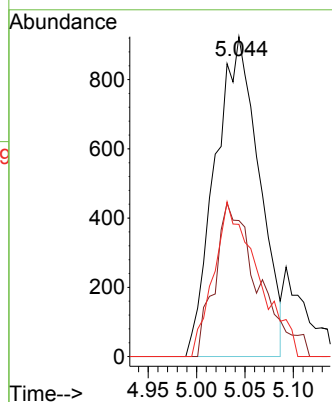
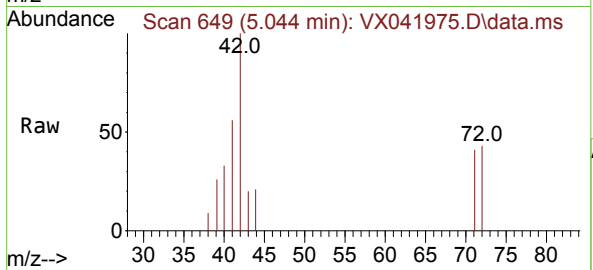
Tgt Ion: 42 Resp: 2937

Ion Ratio Lower Upper

42 100

72 47.0 34.2 51.4

71 48.2 32.2 48.2#



#30

Chloroform

Concen: 0.690 ug/l

RT: 5.105 min Scan# 659

Delta R.T. 0.006 min

Lab File: VX041975.D

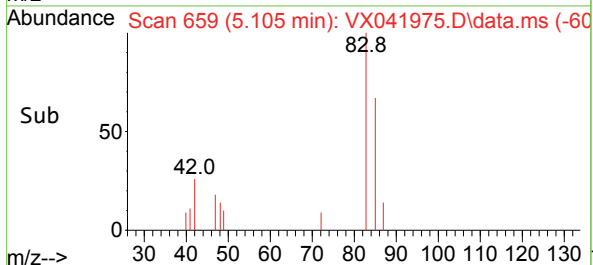
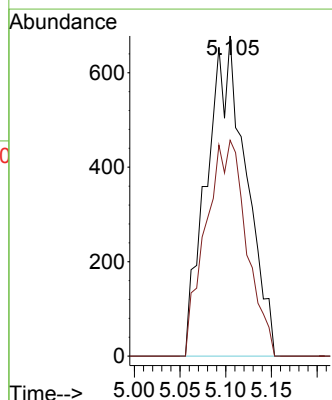
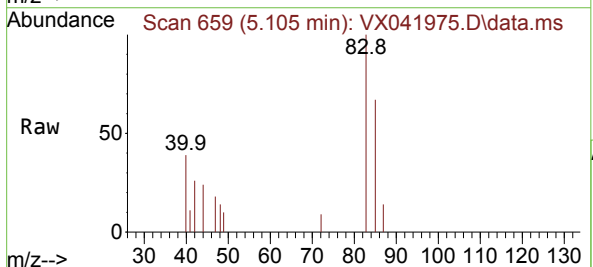
Acq: 21 Jun 2024 12:50

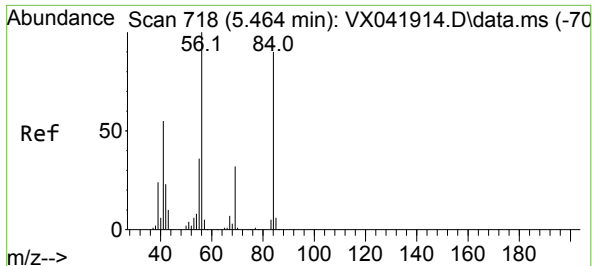
Tgt Ion: 83 Resp: 2029

Ion Ratio Lower Upper

83 100

85 67.4 50.3 75.5

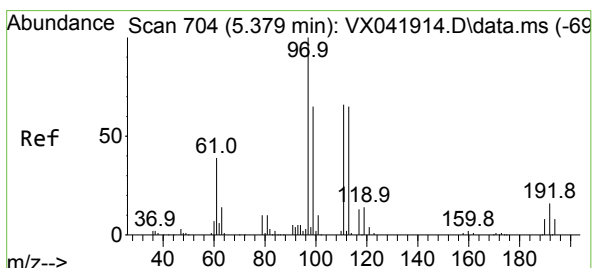
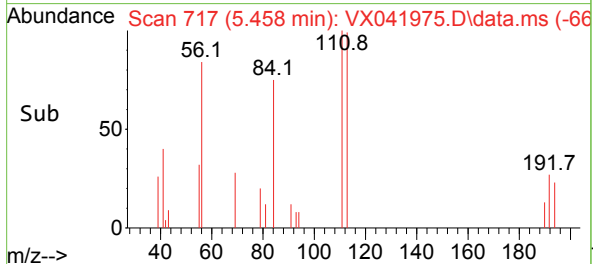
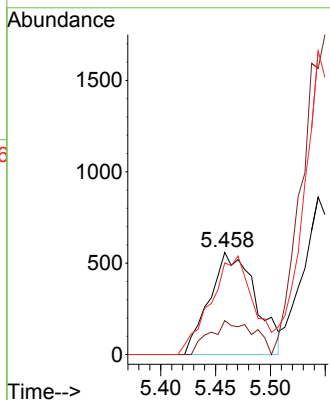
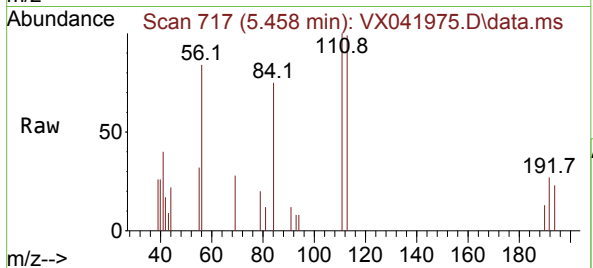




#31
Cyclohexane
Concen: 0.694 ug/l
RT: 5.458 min Scan# 717
Delta R.T. -0.006 min
Lab File: VX041975.D
Acq: 21 Jun 2024 12:50

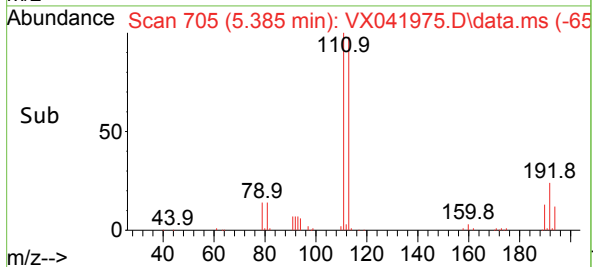
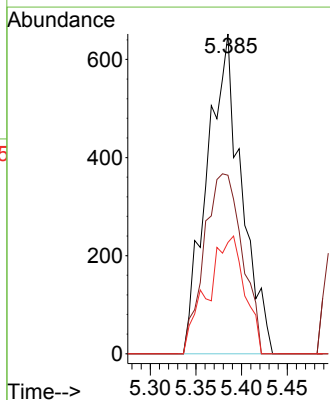
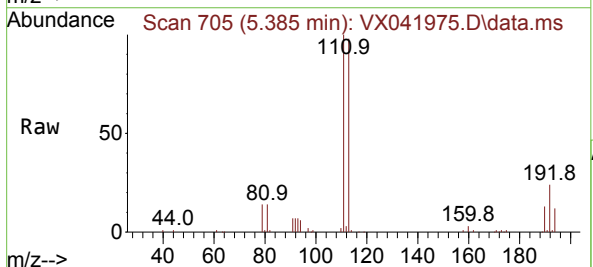
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2024

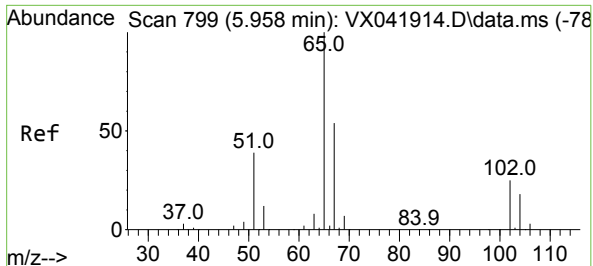
Tgt Ion:	56	Resp:	1631
Ion	Ratio	Lower	Upper
56	100		
69	33.3	23.4	35.2
84	89.8	65.9	98.9



#32
1,1,1-Trichloroethane
Concen: 0.697 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX041975.D
Acq: 21 Jun 2024 12:50

Tgt Ion:	97	Resp:	1712
Ion	Ratio	Lower	Upper
97	100		
99	0.0	51.1	76.7#
61	39.7	36.4	54.6





#33

1,2-Dichloroethane-d4

Concen: 48.681 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX041975.D

Acq: 21 Jun 2024 12:50

Instrument :

MSVOA_X

ClientSampleId :

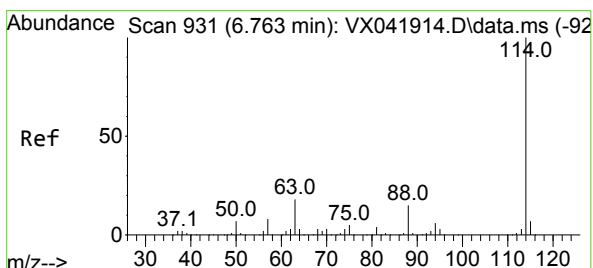
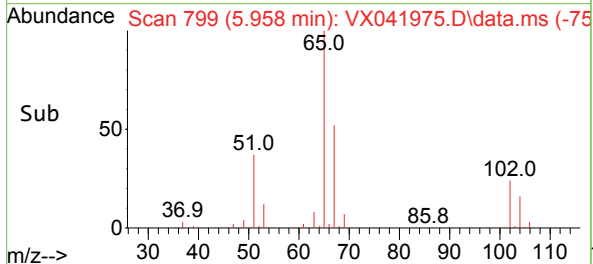
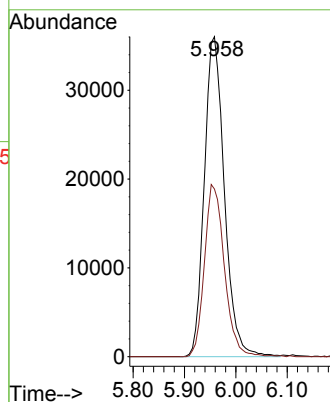
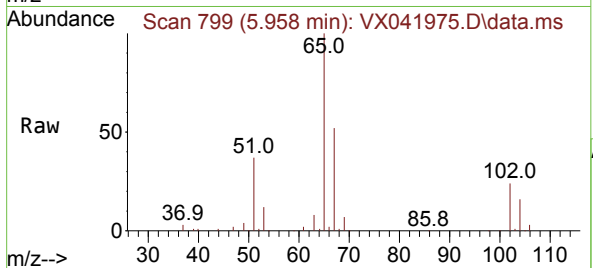
MDL-WATER-03-QT2-2024

Tgt Ion: 65 Resp: 97790

Ion Ratio Lower Upper

65 100

67 53.6 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: VX041975.D

Acq: 21 Jun 2024 12:50

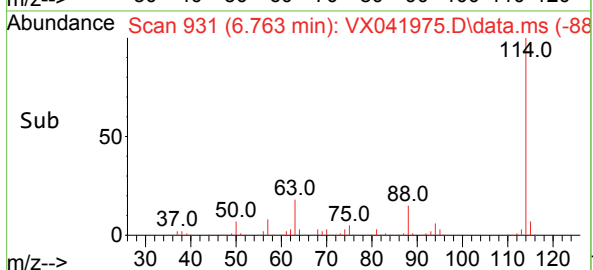
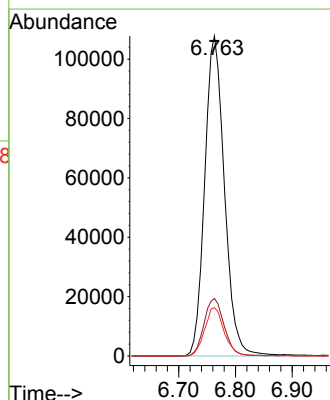
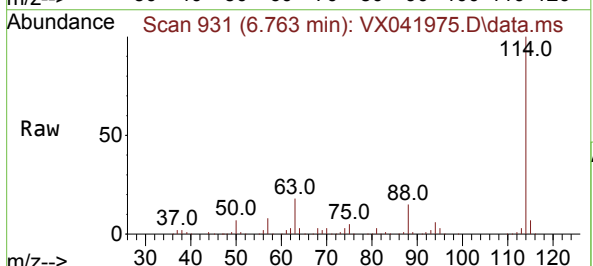
Tgt Ion: 114 Resp: 259604

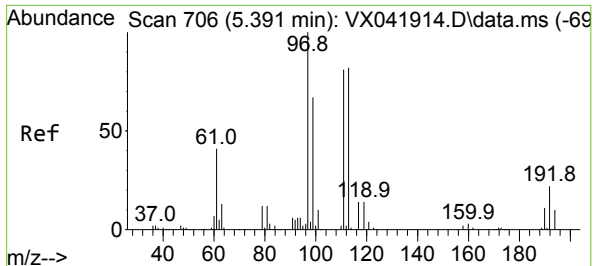
Ion Ratio Lower Upper

114 100

63 18.0 0.0 45.0

88 15.1 0.0 36.6

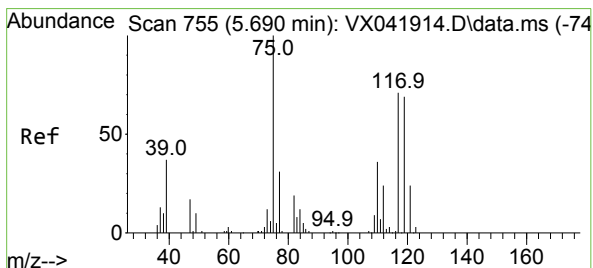
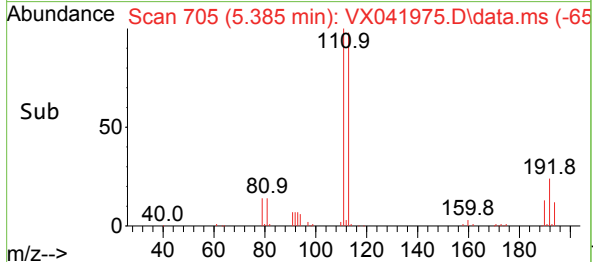
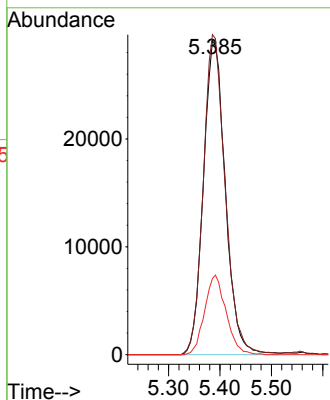
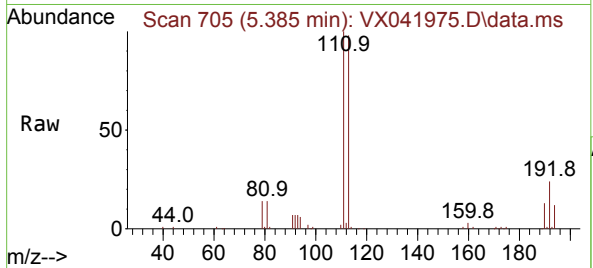




#35
Dibromofluoromethane
Concen: 46.864 ug/l
RT: 5.385 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX041975.D
Acq: 21 Jun 2024 12:50

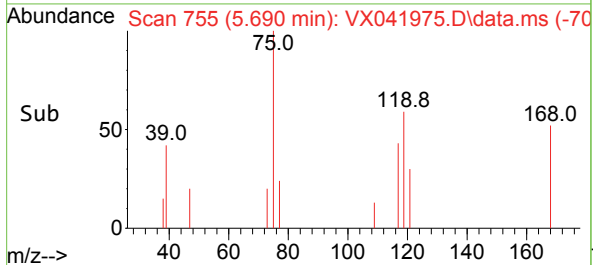
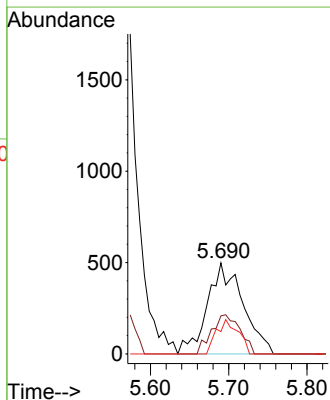
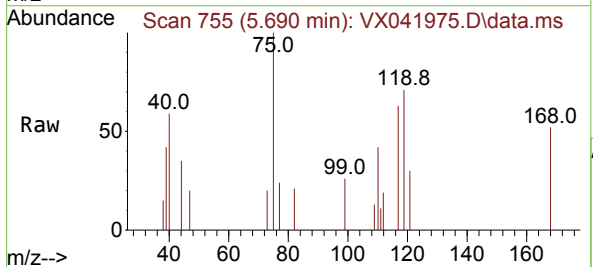
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2024

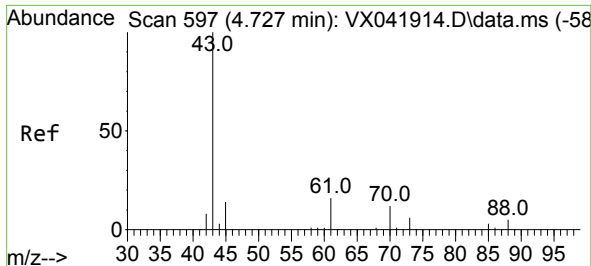
Tgt Ion:113 Resp: 86324
Ion Ratio Lower Upper
113 100
111 101.4 82.9 124.3
192 24.8 13.3 19.9#



#36
1,1-Dichloropropene
Concen: 0.804 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.000 min
Lab File: VX041975.D
Acq: 21 Jun 2024 12:50

Tgt Ion: 75 Resp: 1572
Ion Ratio Lower Upper
75 100
110 34.4 17.0 50.9
77 23.0 24.7 37.1#





#37

Ethyl Acetate

Concen: 0.797 ug/l

RT: 4.757 min Scan# 602

Delta R.T. 0.030 min

Lab File: VX041975.D

Acq: 21 Jun 2024 12:50

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT2-2024

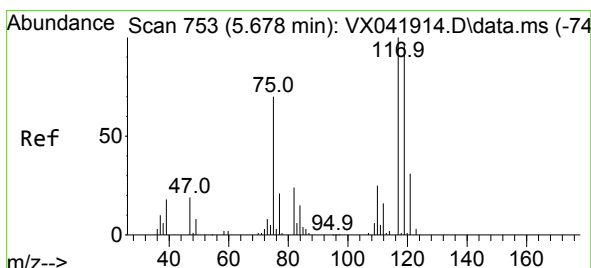
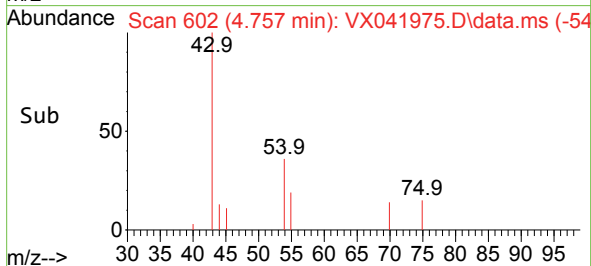
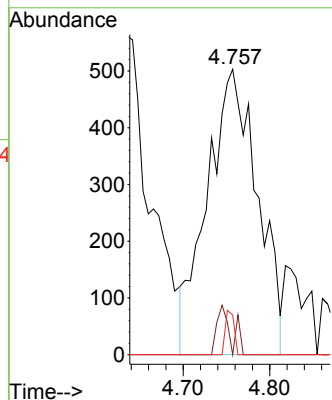
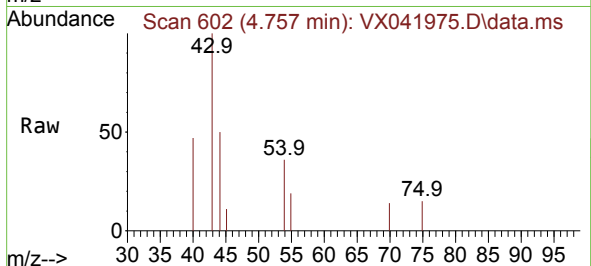
Tgt Ion: 43 Resp: 2031

Ion Ratio Lower Upper

43 100

61 3.6 10.6 16.0#

70 2.7 8.3 12.5#



#38

Carbon Tetrachloride

Concen: 0.664 ug/l

RT: 5.678 min Scan# 753

Delta R.T. 0.000 min

Lab File: VX041975.D

Acq: 21 Jun 2024 12:50

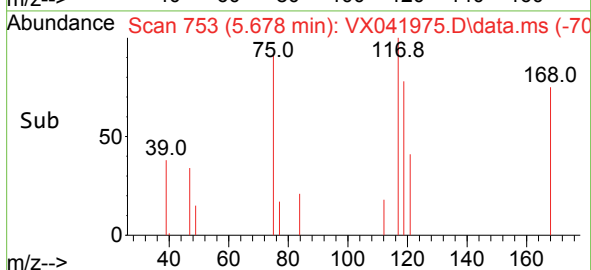
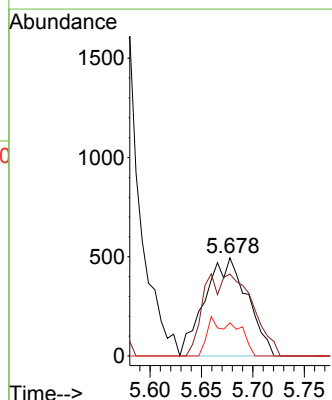
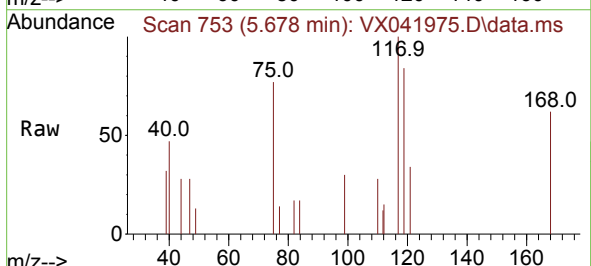
Tgt Ion: 117 Resp: 1434

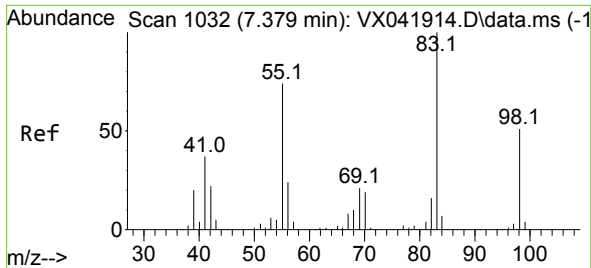
Ion Ratio Lower Upper

117 100

119 83.6 78.2 117.2

121 33.8 24.4 36.6





#39

Methylcyclohexane

Concen: 0.668 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VX041975.D

Acq: 21 Jun 2024 12:50

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT2-2024

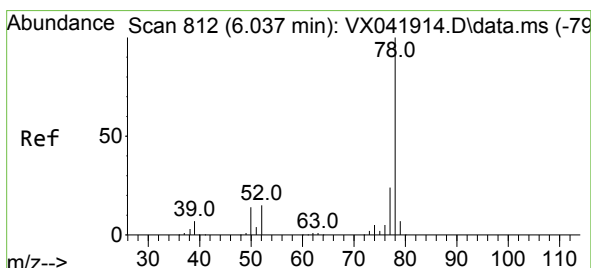
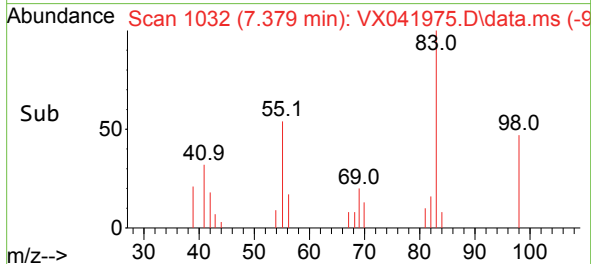
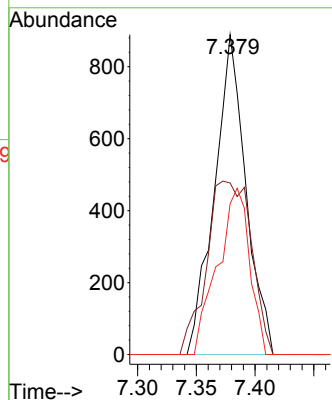
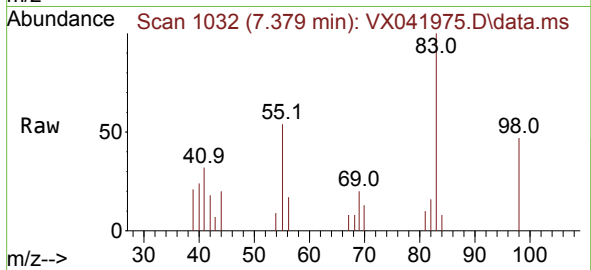
Tgt Ion: 83 Resp: 1652

Ion Ratio Lower Upper

83 100

55 53.7 64.6 97.0#

98 47.1 36.7 55.1



#40

Benzene

Concen: 0.754 ug/l

RT: 6.044 min Scan# 813

Delta R.T. 0.006 min

Lab File: VX041975.D

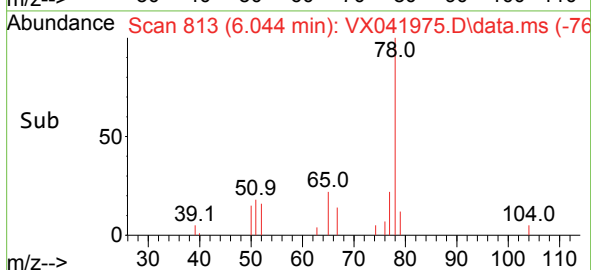
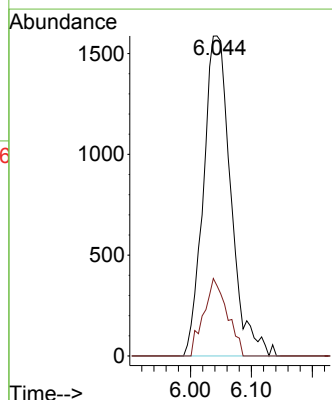
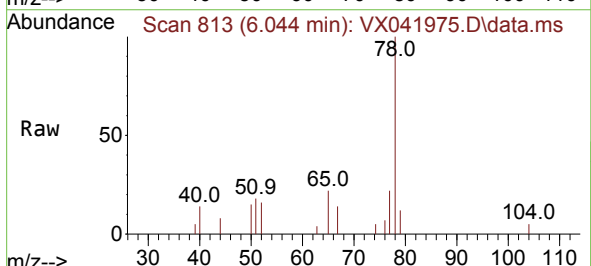
Acq: 21 Jun 2024 12:50

Tgt Ion: 78 Resp: 4972

Ion Ratio Lower Upper

78 100

77 21.9 19.3 28.9

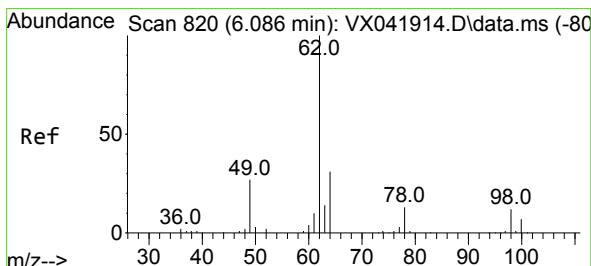
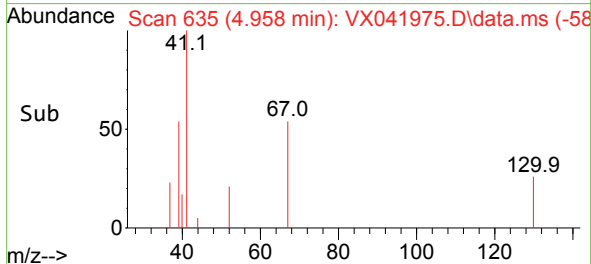
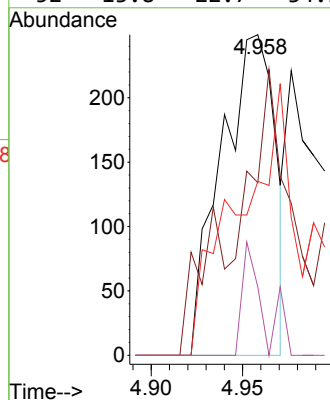
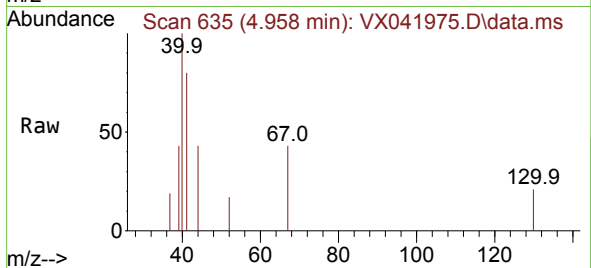




#41
Methacrylonitrile
Concen: 0.371 ug/l
RT: 4.958 min Scan# 613
Delta R.T. 0.030 min
Lab File: VX041975.D
Acq: 21 Jun 2024 12:50

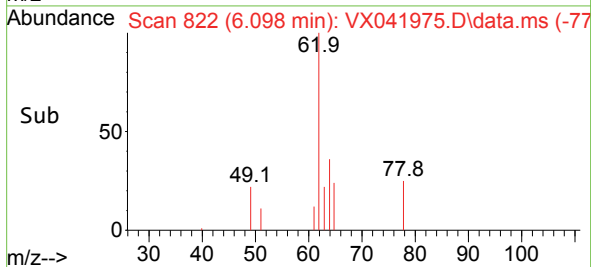
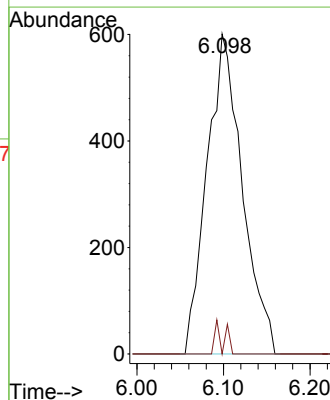
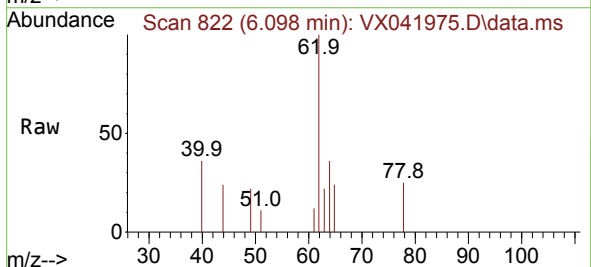
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2024

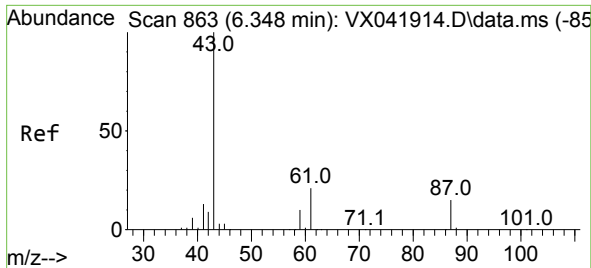
Tgt Ion:	41	Resp:	513
Ion	Ratio	Lower	Upper
41	100		
39	68.6	45.2	67.8#
67	81.7	52.6	78.8#
52	13.8	22.7	34.1#



#42
1,2-Dichloroethane
Concen: 0.801 ug/l
RT: 6.098 min Scan# 822
Delta R.T. 0.012 min
Lab File: VX041975.D
Acq: 21 Jun 2024 12:50

Tgt Ion:	62	Resp:	1702
Ion	Ratio	Lower	Upper
62	100		
98	2.6	0.0	16.0





#43

Isopropyl Acetate

Concen: 0.676 ug/l

RT: 6.373 min Scan# 867

Delta R.T. 0.024 min

Lab File: VX041975.D

Acq: 21 Jun 2024 12:50

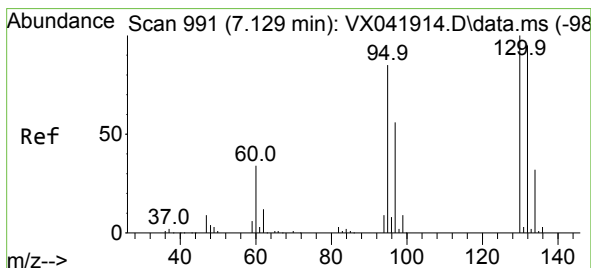
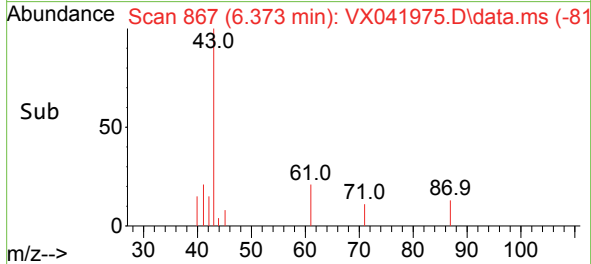
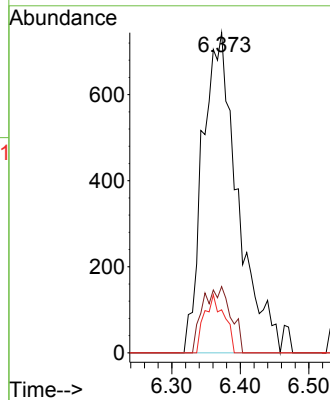
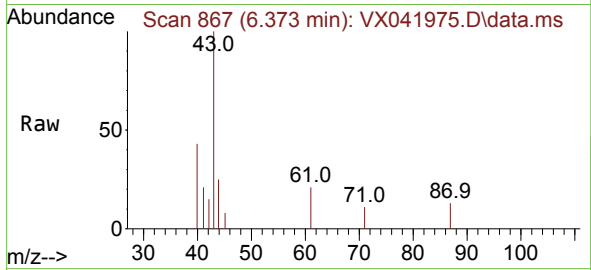
Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT2-2024

Tgt Ion: 43	Resp:	2645
Ion	Ratio	Lower Upper
43	100	
61	16.5	15.2 22.8
87	10.2	9.8 14.6



#44

Trichloroethene

Concen: 0.836 ug/l

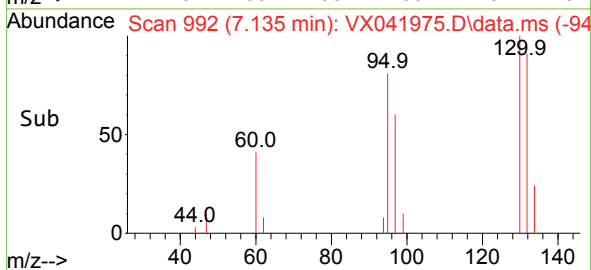
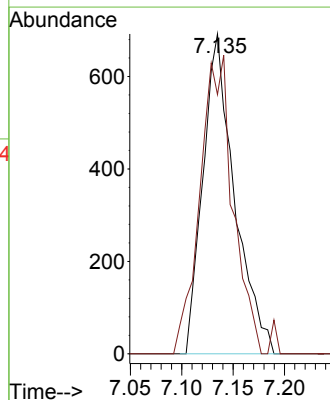
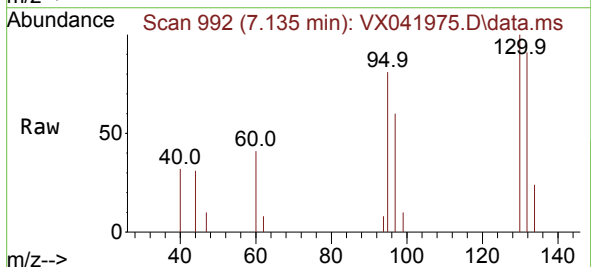
RT: 7.135 min Scan# 992

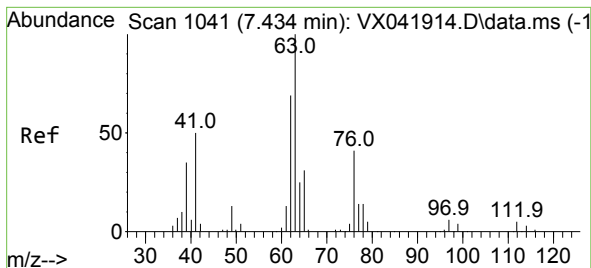
Delta R.T. 0.006 min

Lab File: VX041975.D

Acq: 21 Jun 2024 12:50

Tgt Ion: 130	Resp:	1478
Ion	Ratio	Lower Upper
130	100	
95	81.1	0.0 204.4





#45

1,2-Dichloropropane

Concen: 0.694 ug/l

RT: 7.440 min Scan# 1042

Delta R.T. 0.006 min

Lab File: VX041975.D

Acq: 21 Jun 2024 12:50

Instrument :

MSVOA_X

ClientSampleId :

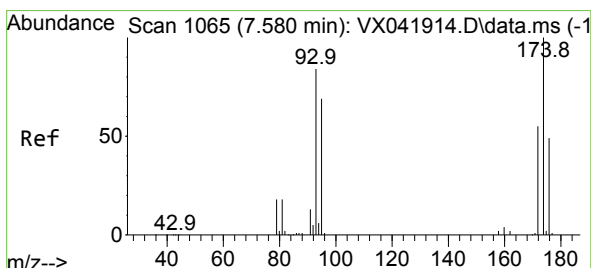
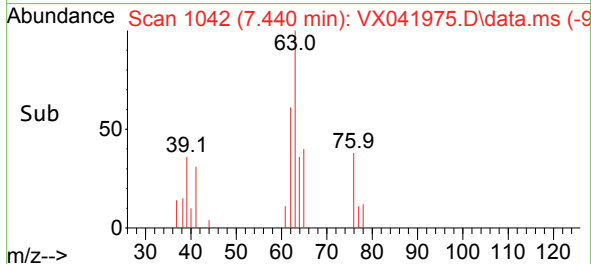
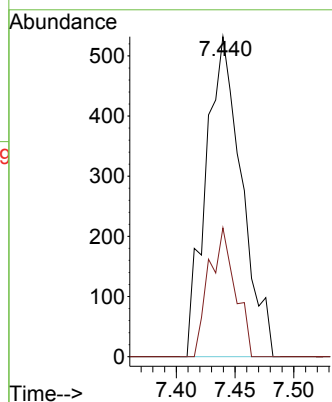
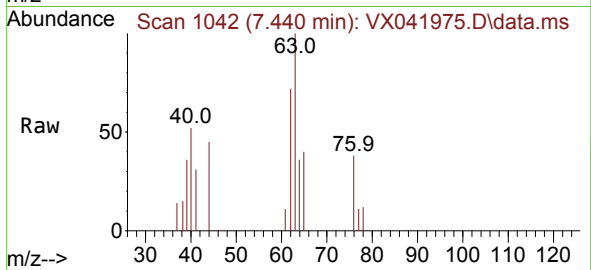
MDL-WATER-03-QT2-2024

Tgt Ion: 63 Resp: 1126

Ion Ratio Lower Upper

63 100

65 40.2 24.3 36.5#



#46

Dibromomethane

Concen: 0.718 ug/l

RT: 7.592 min Scan# 1067

Delta R.T. 0.012 min

Lab File: VX041975.D

Acq: 21 Jun 2024 12:50

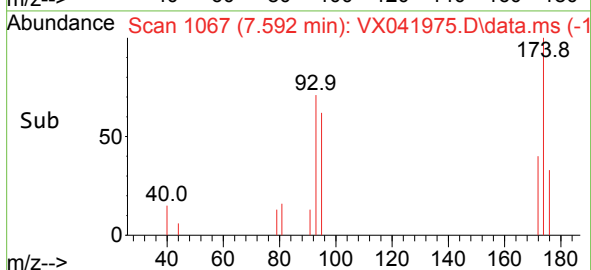
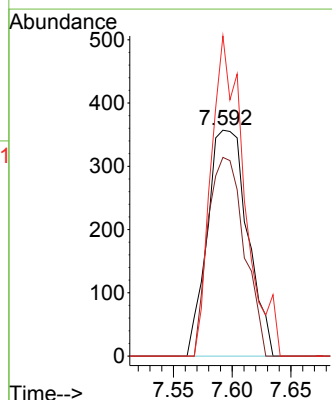
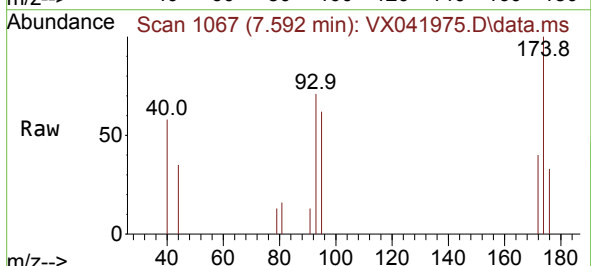
Tgt Ion: 93 Resp: 849

Ion Ratio Lower Upper

93 100

95 79.5 66.6 100.0

174 117.4 69.4 104.0#

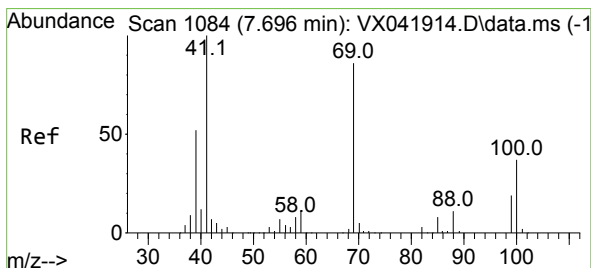
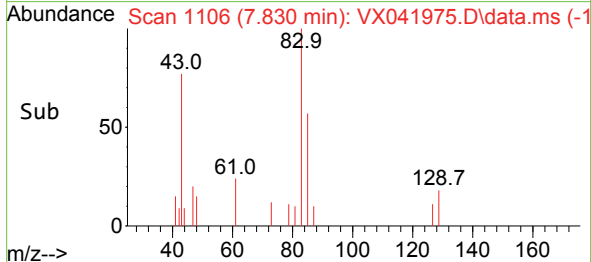
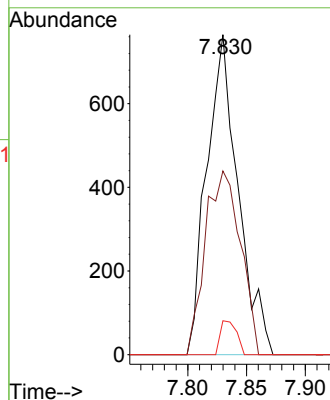
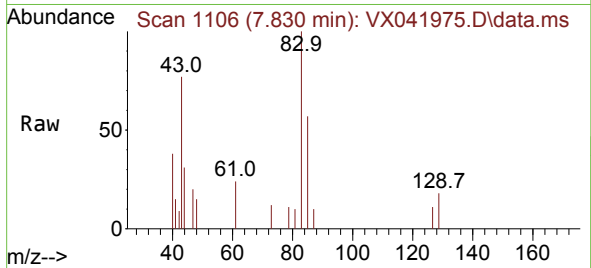




#47
Bromodichloromethane
Concen: 0.654 ug/l
RT: 7.830 min Scan# 1106
Delta R.T. 0.006 min
Lab File: VX041975.D
Acq: 21 Jun 2024 12:50

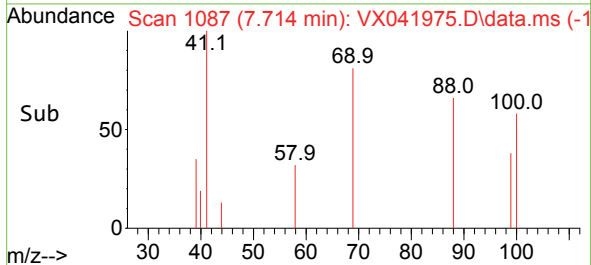
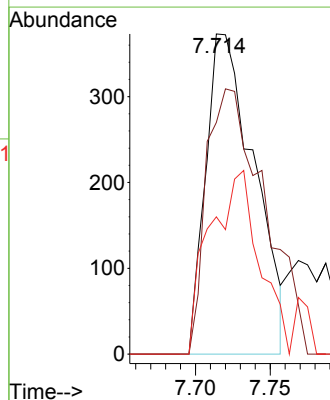
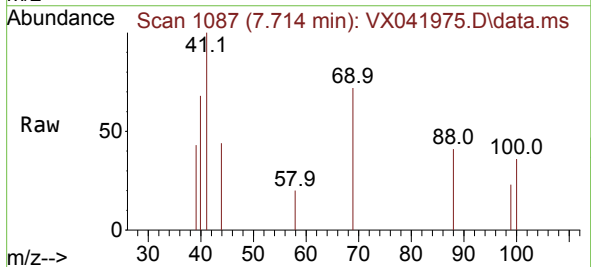
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2024

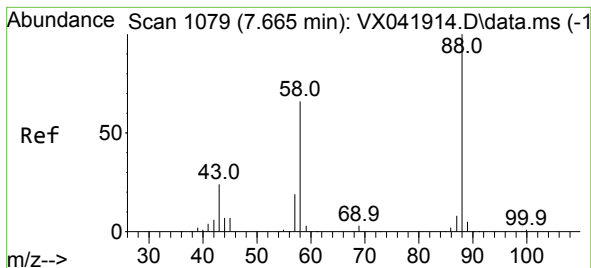
Tgt Ion: 83	Resp:	1419
Ion	Ratio	Lower Upper
83	100	
85	57.4	49.8 74.6
127	10.6	7.1 10.7



#48
Methyl methacrylate
Concen: 0.449 ug/l
RT: 7.714 min Scan# 1087
Delta R.T. 0.018 min
Lab File: VX041975.D
Acq: 21 Jun 2024 12:50

Tgt Ion: 41	Resp:	839
Ion	Ratio	Lower Upper
41	100	
69	99.4	59.2 88.8
39	58.6	47.7 71.5





#49

1,4-Dioxane

Concen: 3.324 ug/l

RT: 7.683 min Scan# 1079

Delta R.T. 0.018 min

Lab File: VX041975.D

Acq: 21 Jun 2024 12:50

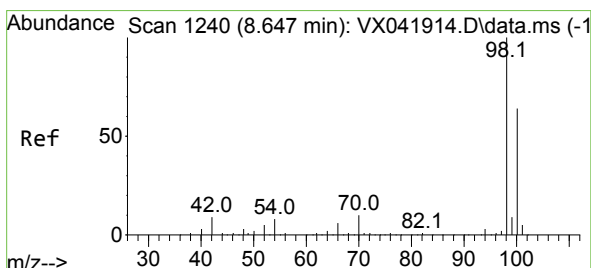
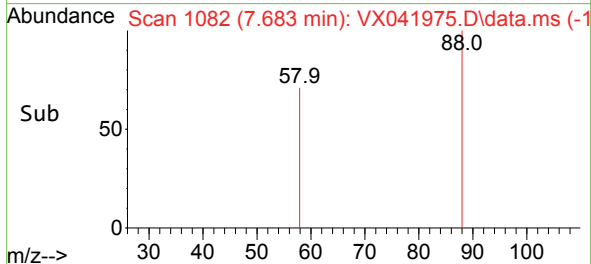
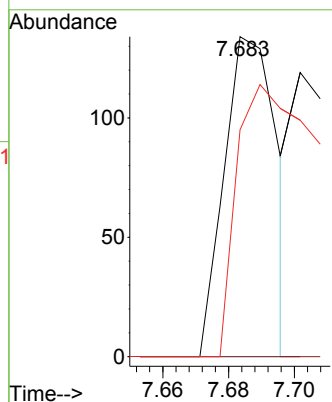
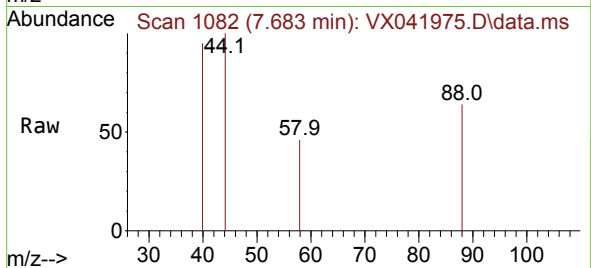
Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT2-2024

Tgt Ion: 88	Resp:	150
Ion	Ratio	Lower Upper
88	100	
43	0.0	0.0 0.0
58	170.7	60.1 90.1#



#50

Toluene-d8

Concen: 46.006 ug/l

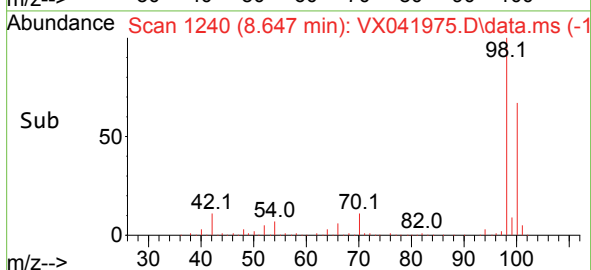
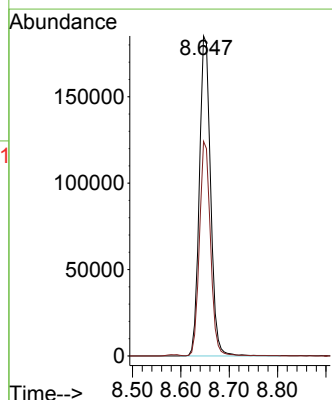
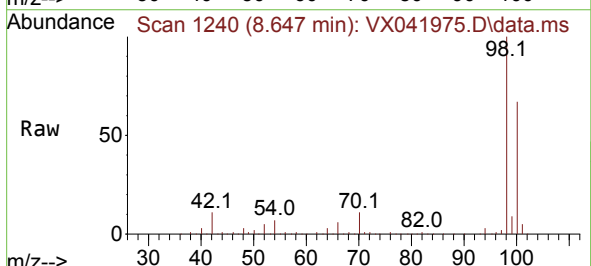
RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX041975.D

Acq: 21 Jun 2024 12:50

Tgt Ion: 98	Resp:	297711
Ion	Ratio	Lower Upper
98	100	
100	65.7	53.1 79.7

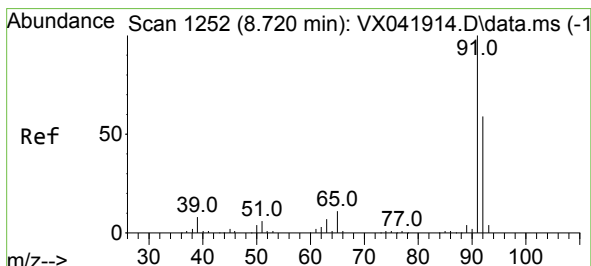
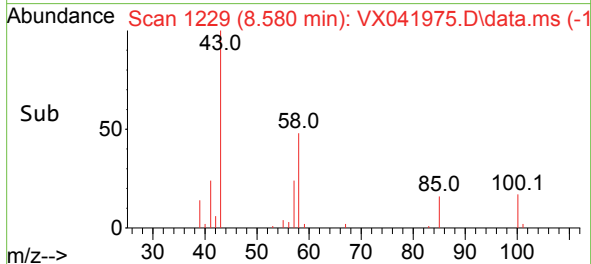
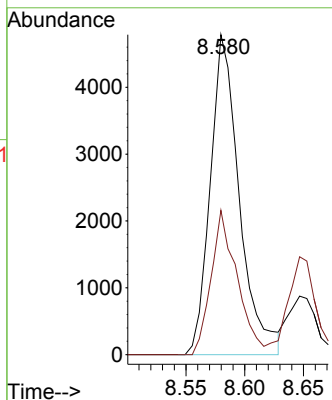
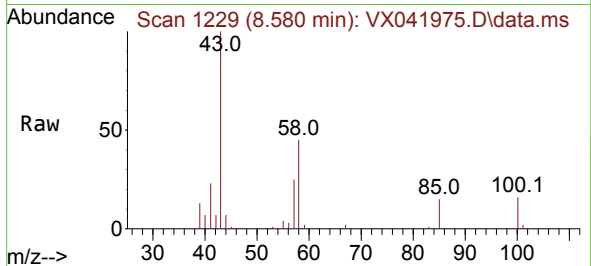




#51
4-Methyl-2-Pentanone
Concen: 3.053 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. 0.000 min
Lab File: VX041975.D
Acq: 21 Jun 2024 12:50

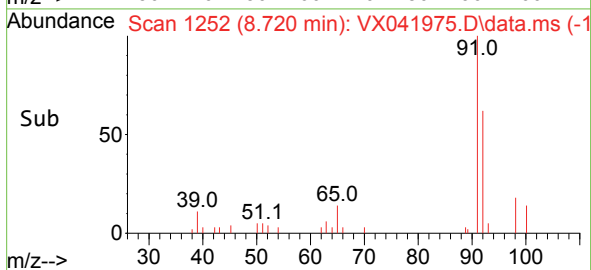
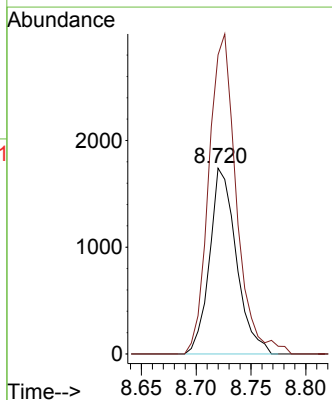
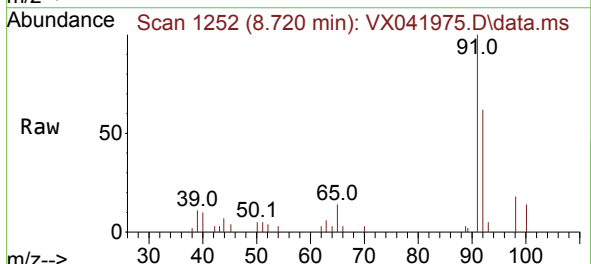
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT2-2024

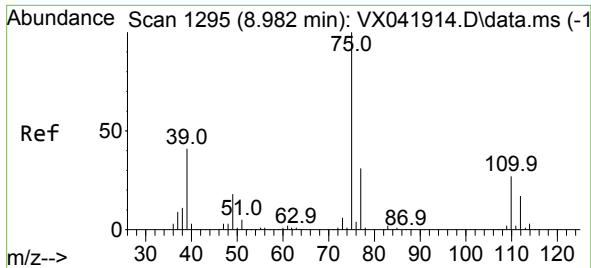
Tgt Ion: 43 Resp: 8226
Ion Ratio Lower Upper
43 100
58 40.5 30.4 45.6



#52
Toluene
Concen: 0.703 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX041975.D
Acq: 21 Jun 2024 12:50

Tgt Ion: 92 Resp: 2952
Ion Ratio Lower Upper
92 100
91 177.3 134.2 201.2

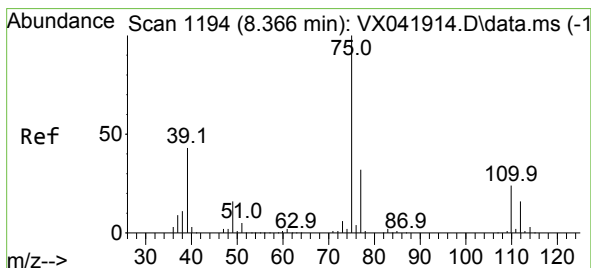
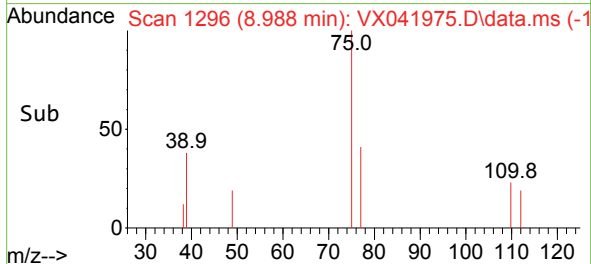
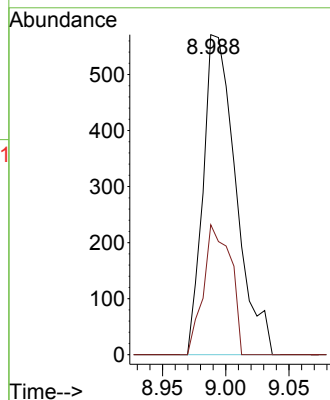
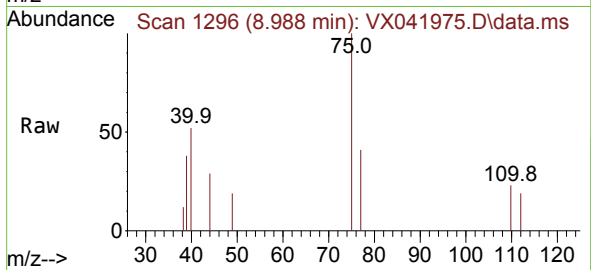




#53
 t-1,3-Dichloropropene
 Concen: 0.484 ug/l
 RT: 8.988 min Scan# 1196
 Delta R.T. 0.006 min
 Lab File: VX041975.D
 Acq: 21 Jun 2024 12:50

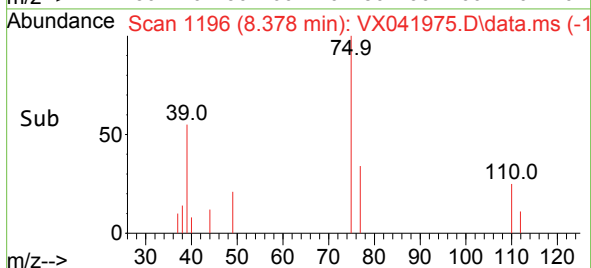
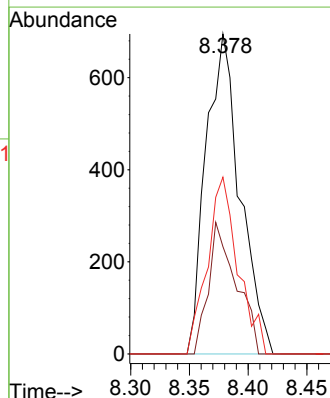
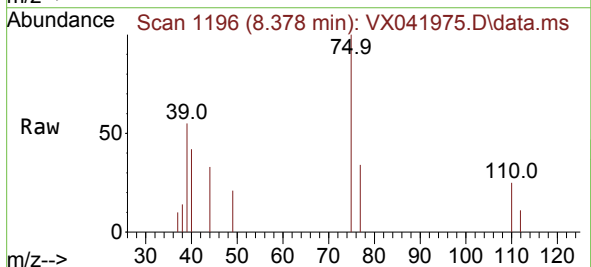
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT2-2024

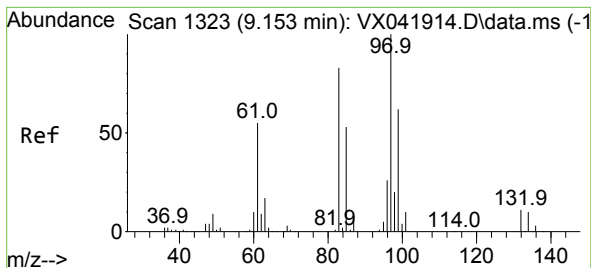
Tgt Ion: 75 Resp: 1028
 Ion Ratio Lower Upper
 75 100
 77 40.6 25.7 38.5#



#54
 cis-1,3-Dichloropropene
 Concen: 0.590 ug/l
 RT: 8.378 min Scan# 1196
 Delta R.T. 0.012 min
 Lab File: VX041975.D
 Acq: 21 Jun 2024 12:50

Tgt Ion: 75 Resp: 1402
 Ion Ratio Lower Upper
 75 100
 77 33.5 25.3 37.9
 39 55.3 46.7 70.1





#55

1,1,2-Trichloroethane

Concen: 0.649 ug/l

RT: 9.159 min Scan# 1136

Delta R.T. 0.006 min

Lab File: VX041975.D

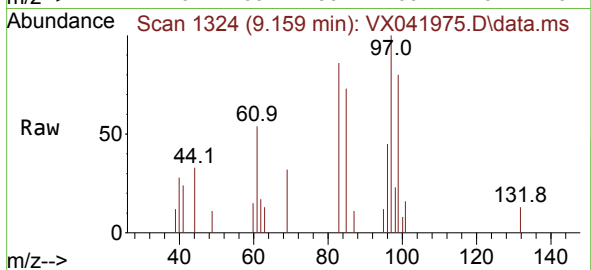
Acq: 21 Jun 2024 12:50

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT2-2024



Tgt Ion: 97 Resp: 1136

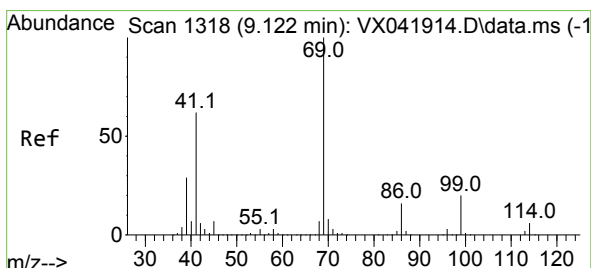
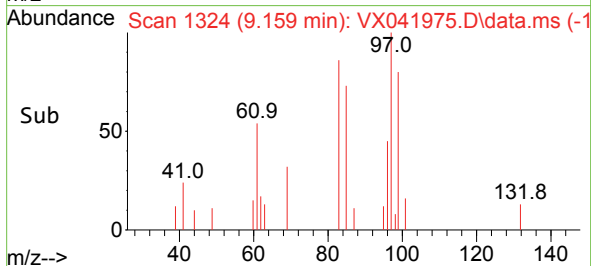
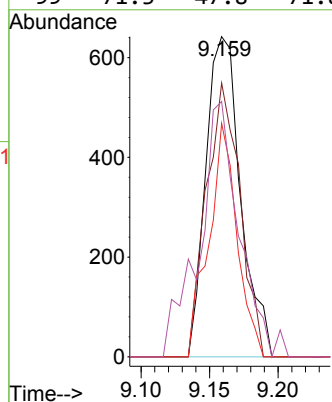
Ion Ratio Lower Upper

97 100

83 85.5 65.8 98.8

85 72.9 41.6 62.4#

99 71.3 47.8 71.8



#56

Ethyl methacrylate

Concen: 0.535 ug/l

RT: 9.128 min Scan# 1319

Delta R.T. 0.006 min

Lab File: VX041975.D

Acq: 21 Jun 2024 12:50

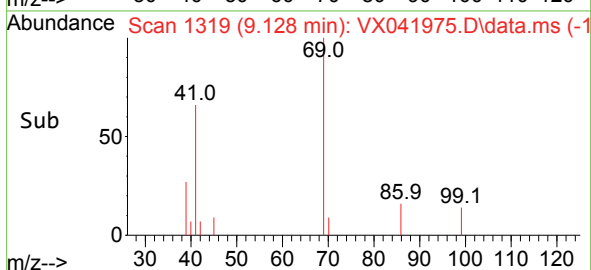
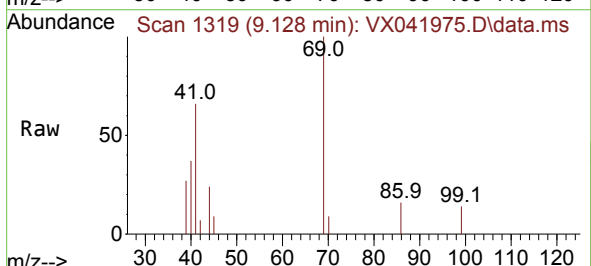
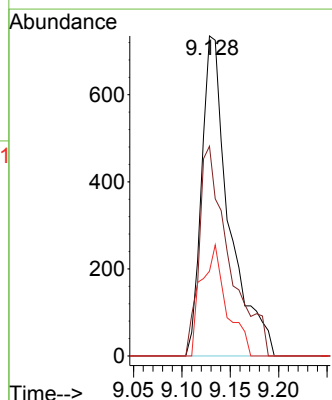
Tgt Ion: 69 Resp: 1457

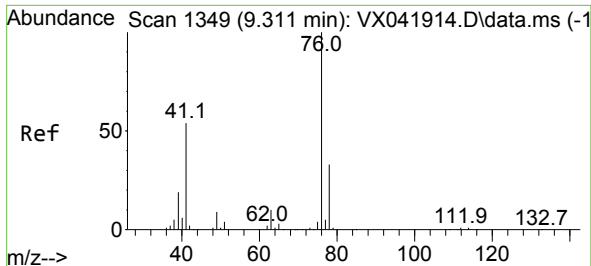
Ion Ratio Lower Upper

69 100

41 71.4 56.8 85.2

39 31.8 32.0 48.0#





#57

1,3-Dichloropropane

Concen: 0.665 ug/l

RT: 9.311 min Scan# 1175

Delta R.T. 0.000 min

Lab File: VX041975.D

Acq: 21 Jun 2024 12:50

Instrument :

MSVOA_X

ClientSampleId :

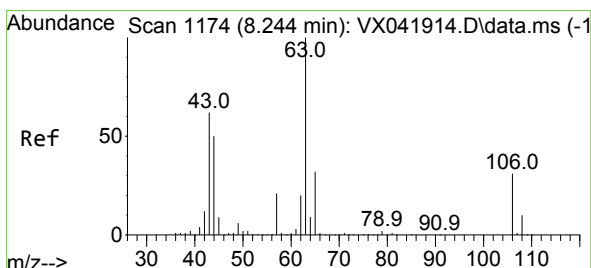
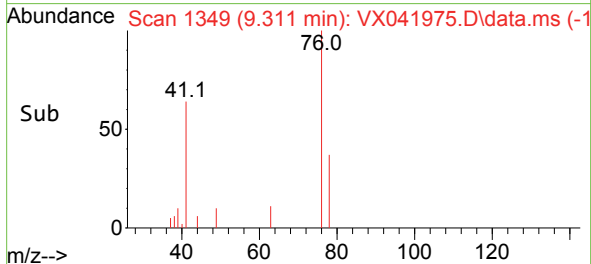
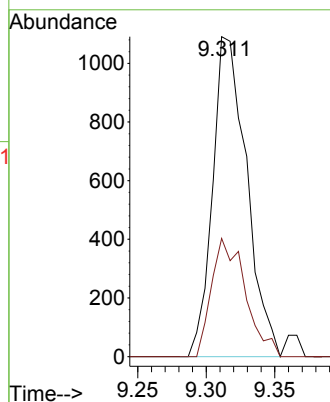
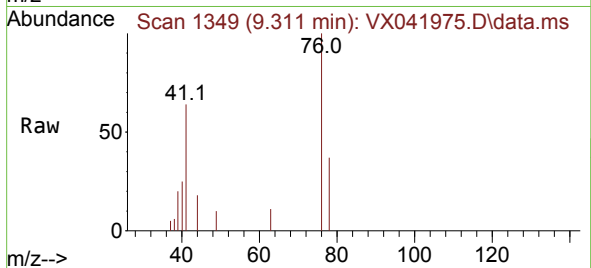
MDL-WATER-03-QT2-2024

Tgt Ion: 76 Resp: 1879

Ion Ratio Lower Upper

76 100

78 36.9 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 3.291 ug/l

RT: 8.250 min Scan# 1175

Delta R.T. 0.006 min

Lab File: VX041975.D

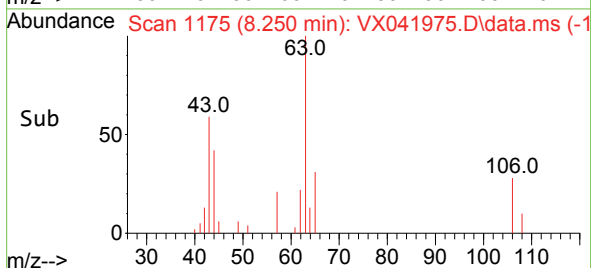
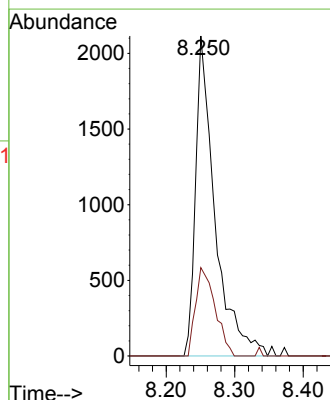
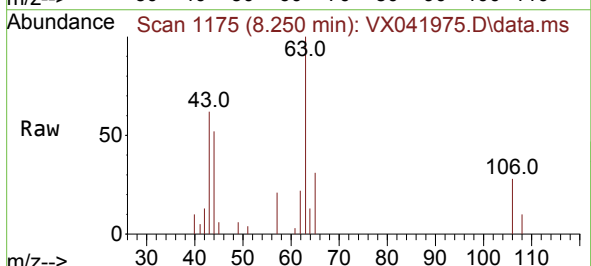
Acq: 21 Jun 2024 12:50

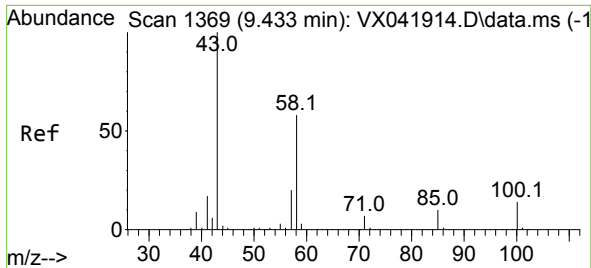
Tgt Ion: 63 Resp: 4175

Ion Ratio Lower Upper

63 100

106 27.8 22.5 33.7

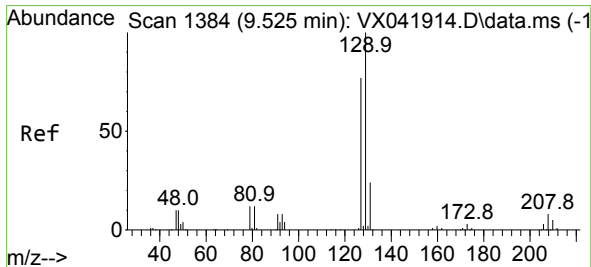
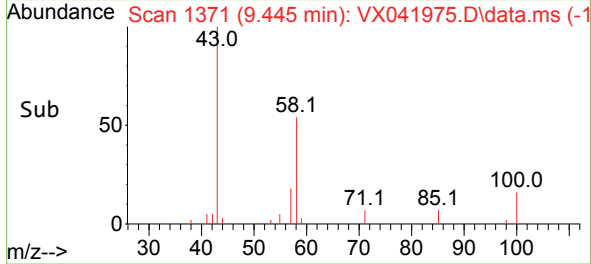
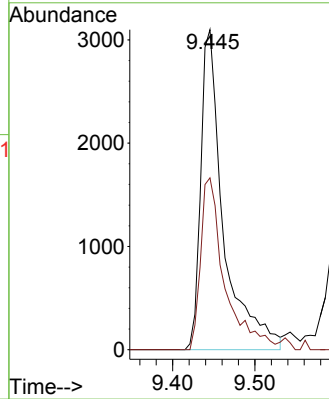
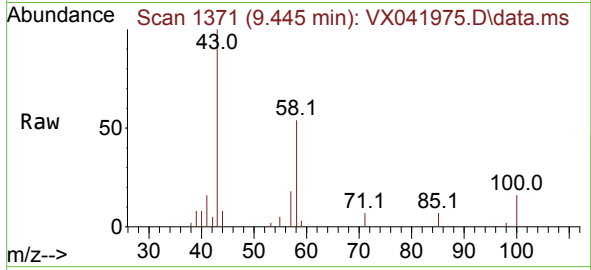




#59
2-Hexanone
Concen: 2.882 ug/l
RT: 9.445 min Scan# 1371
Delta R.T. 0.012 min
Lab File: VX041975.D
Acq: 21 Jun 2024 12:50

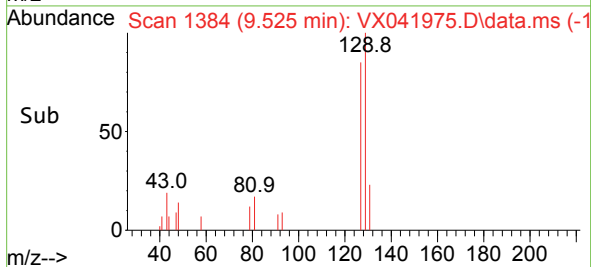
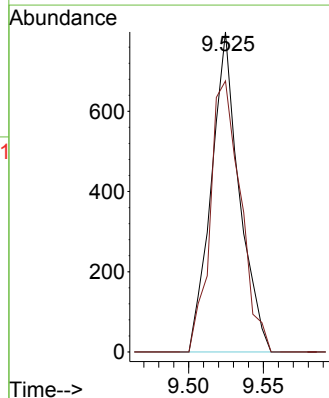
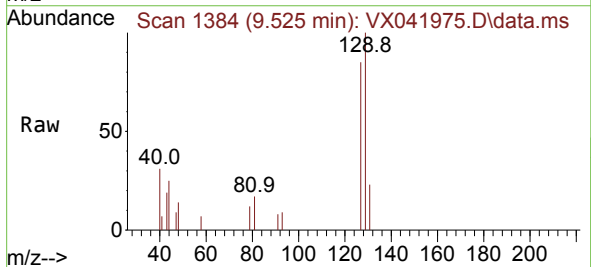
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT2-2024

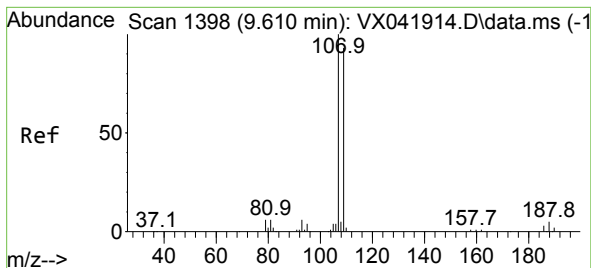
Tgt Ion: 43 Resp: 5947
Ion Ratio Lower Upper
43 100
58 56.4 26.2 78.5



#60
Dibromochloromethane
Concen: 0.547 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VX041975.D
Acq: 21 Jun 2024 12:50

Tgt Ion: 129 Resp: 1039
Ion Ratio Lower Upper
129 100
127 92.2 38.8 116.4





#61

1,2-Dibromoethane

Concen: 0.694 ug/l

RT: 9.616 min Scan# 1399

Delta R.T. 0.006 min

Lab File: VX041975.D

Acq: 21 Jun 2024 12:50

Instrument :

MSVOA_X

ClientSampleId :

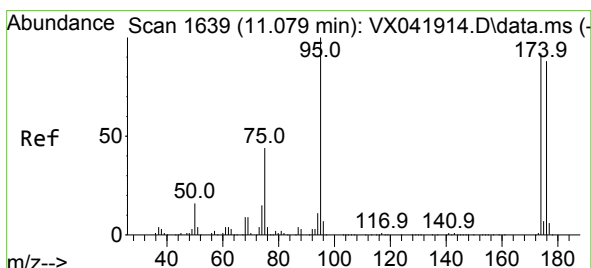
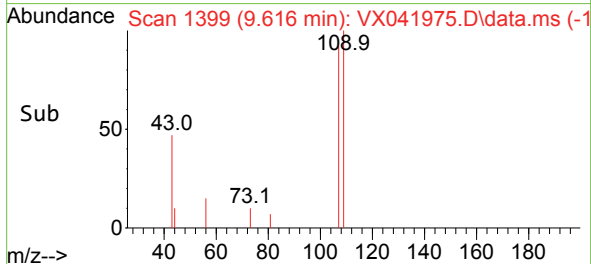
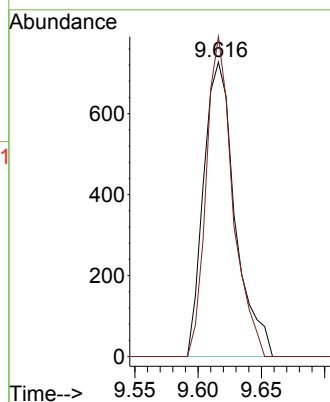
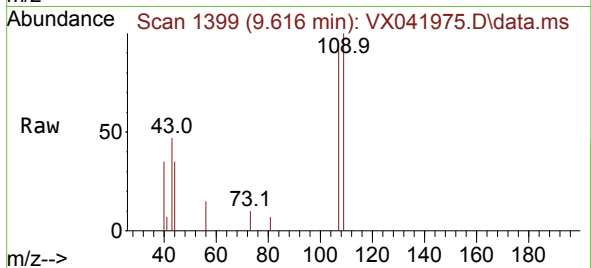
MDL-WATER-03-QT2-2024

Tgt Ion:107 Resp: 1260

Ion Ratio Lower Upper

107 100

109 91.6 75.2 112.8



#62

4-Bromofluorobenzene

Concen: 44.222 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX041975.D

Acq: 21 Jun 2024 12:50

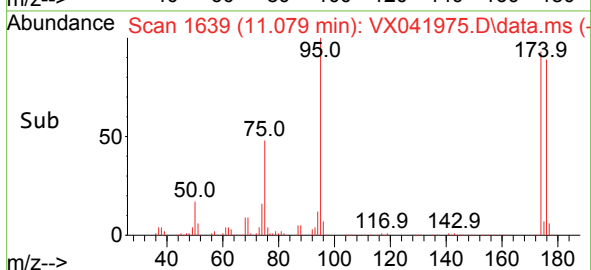
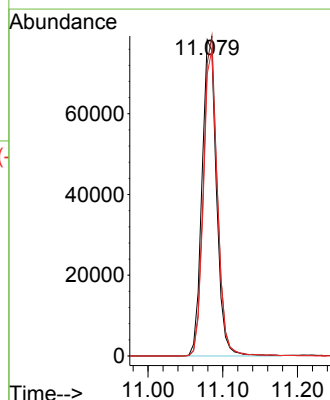
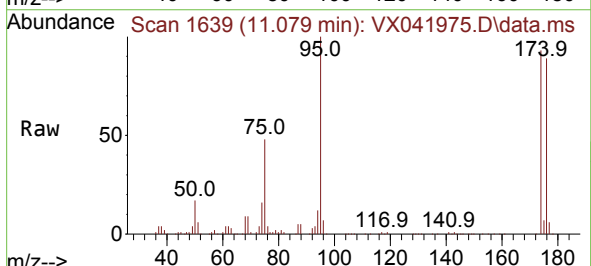
Tgt Ion: 95 Resp: 105489

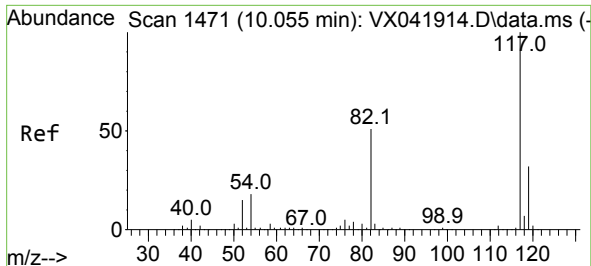
Ion Ratio Lower Upper

95 100

174 97.6 0.0 135.6

176 93.9 0.0 131.0

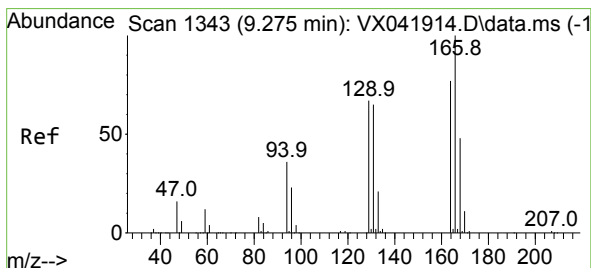
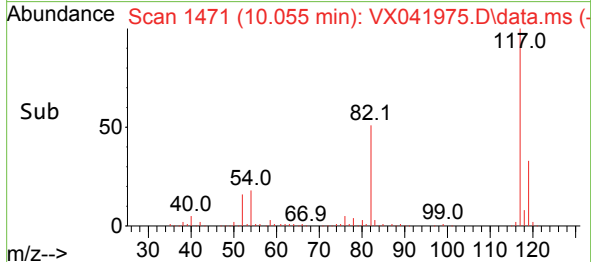
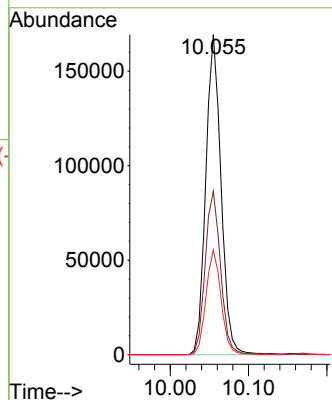
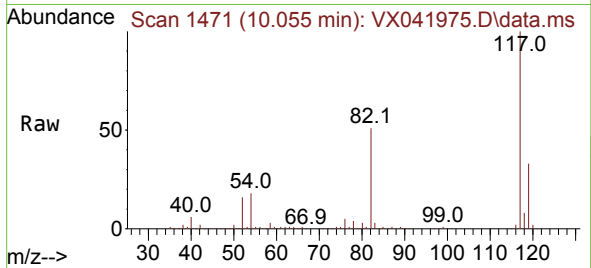




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX041975.D
Acq: 21 Jun 2024 12:50

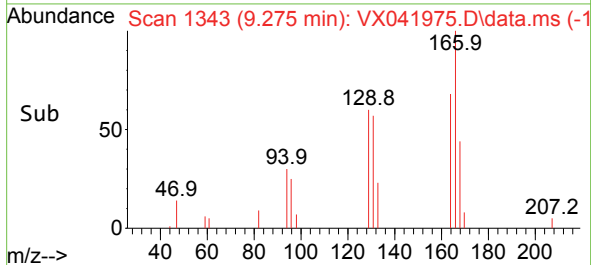
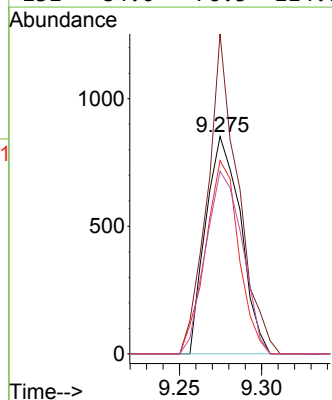
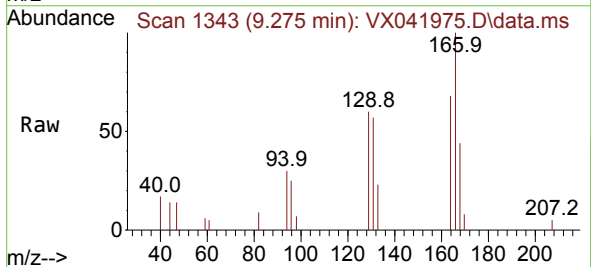
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2024

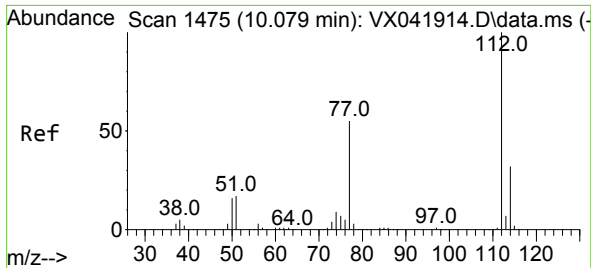
Tgt Ion:117 Resp: 228750
Ion Ratio Lower Upper
117 100
82 51.1 46.2 69.4
119 32.7 25.5 38.3



#64
Tetrachloroethene
Concen: 0.753 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX041975.D
Acq: 21 Jun 2024 12:50

Tgt Ion:164 Resp: 1254
Ion Ratio Lower Upper
164 100
166 147.2 102.7 154.1
129 89.0 80.4 120.6
131 84.0 76.5 114.7

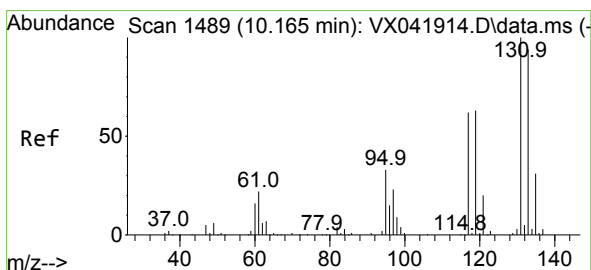
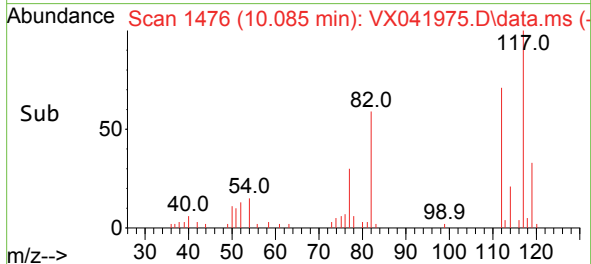
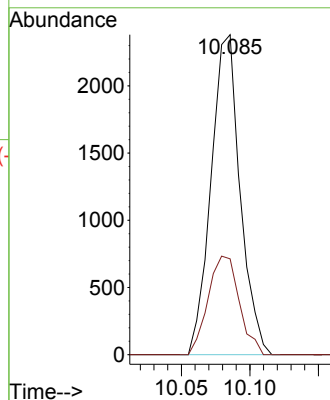
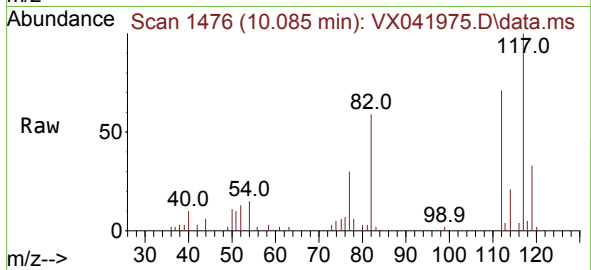




#65
Chlorobenzene
Concen: 0.737 ug/l
RT: 10.085 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VX041975.D
Acq: 21 Jun 2024 12:50

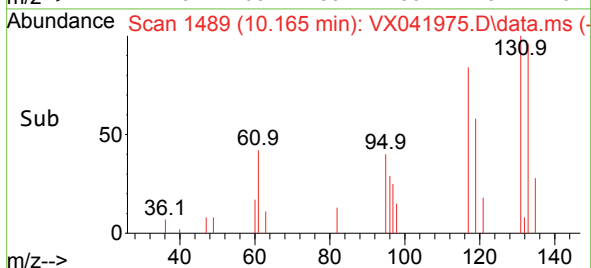
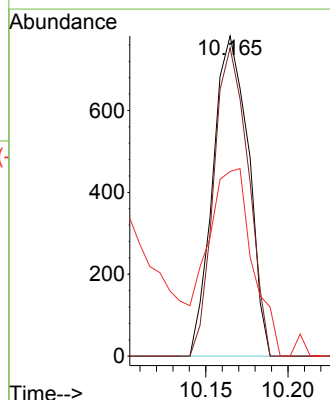
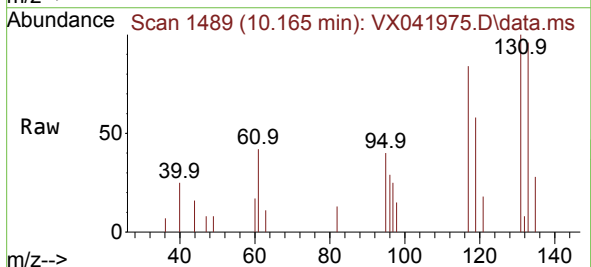
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2024

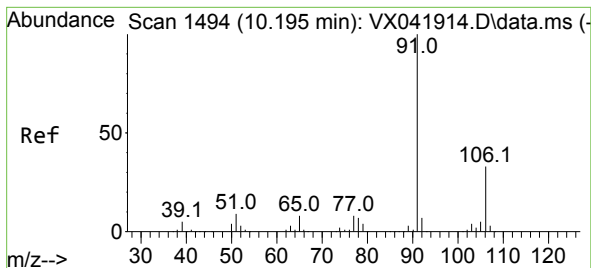
Tgt Ion:112 Resp: 3505
Ion Ratio Lower Upper
112 100
114 30.0 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 0.703 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX041975.D
Acq: 21 Jun 2024 12:50

Tgt Ion:131 Resp: 1171
Ion Ratio Lower Upper
131 100
133 93.4 47.1 141.4
119 0.0 32.2 96.6#





#67

Ethyl Benzene

Concen: 0.674 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX041975.D

Acq: 21 Jun 2024 12:50

Instrument :

MSVOA_X

ClientSampleId :

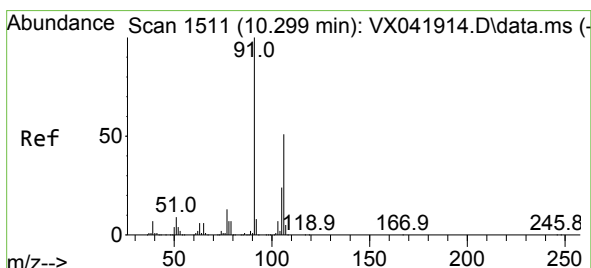
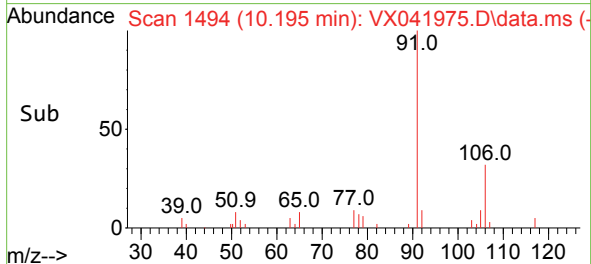
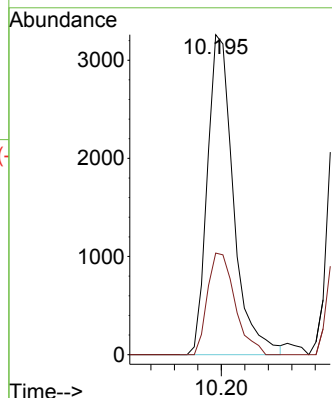
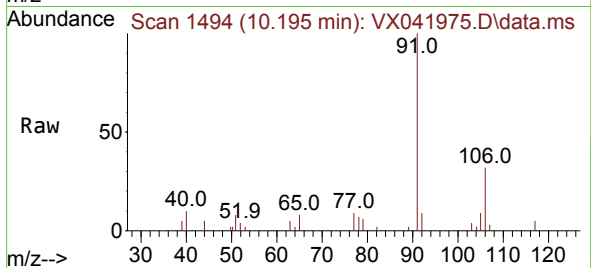
MDL-WATER-03-QT2-2024

Tgt Ion: 91 Resp: 5024

Ion Ratio Lower Upper

91 100

106 31.7 24.9 37.3



#68

m/p-Xylenes

Concen: 1.249 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. 0.006 min

Lab File: VX041975.D

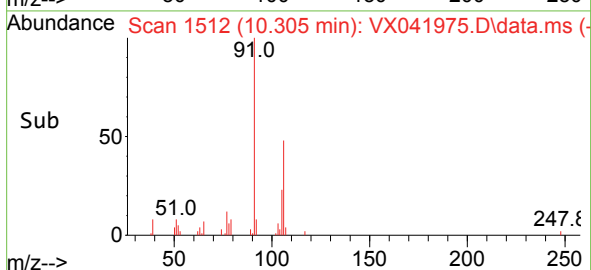
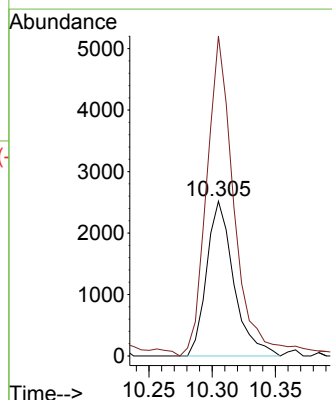
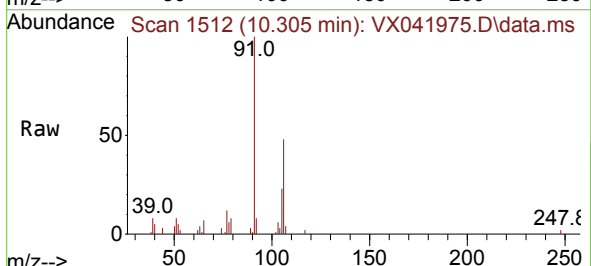
Acq: 21 Jun 2024 12:50

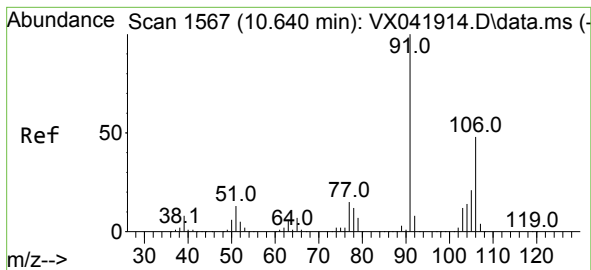
Tgt Ion: 106 Resp: 3759

Ion Ratio Lower Upper

106 100

91 213.7 165.5 248.3





#69

o-Xylene

Concen: 0.675 ug/l

RT: 10.646 min Scan# 1567

Delta R.T. 0.006 min

Lab File: VX041975.D

Acq: 21 Jun 2024 12:50

Instrument :

MSVOA_X

ClientSampleId :

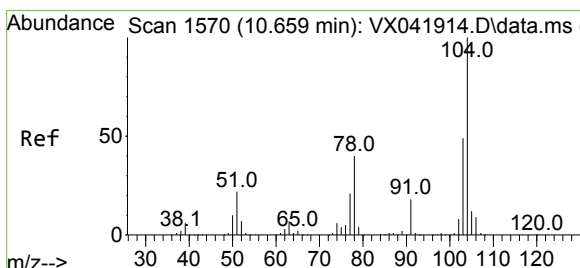
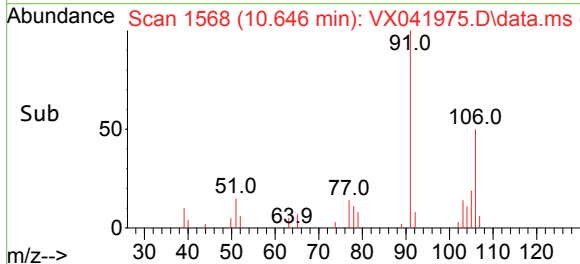
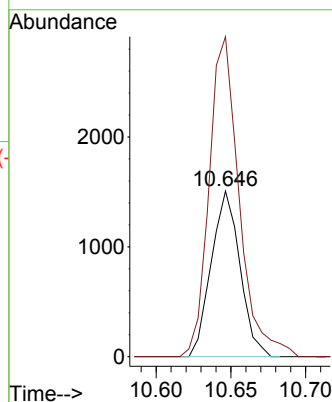
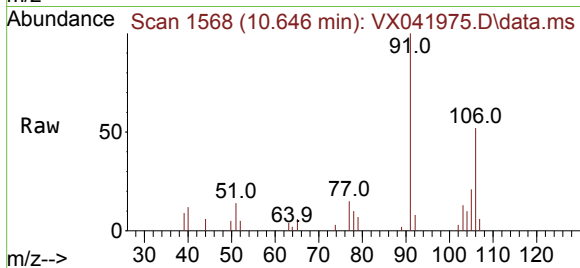
MDL-WATER-03-QT2-2024

Tgt Ion:106 Resp: 2010

Ion Ratio Lower Upper

106 100

91 202.8 108.9 326.8



#70

Styrene

Concen: 0.618 ug/l

RT: 10.665 min Scan# 1571

Delta R.T. 0.006 min

Lab File: VX041975.D

Acq: 21 Jun 2024 12:50

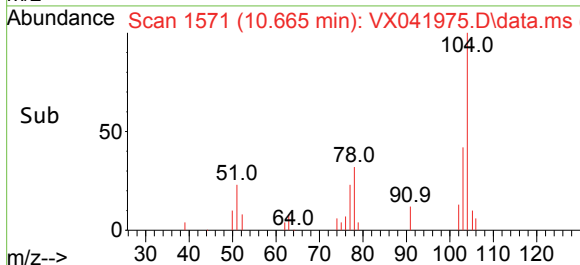
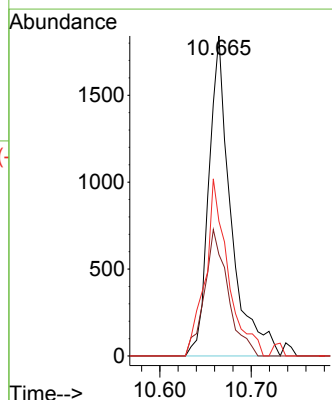
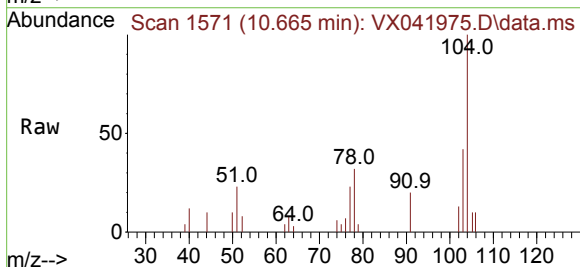
Tgt Ion:104 Resp: 3086

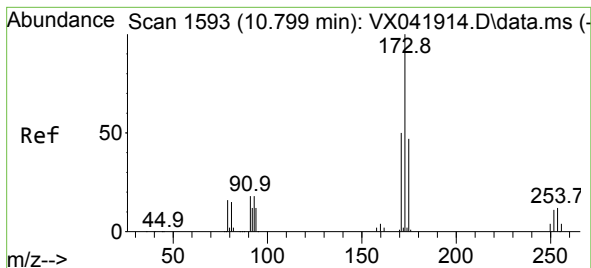
Ion Ratio Lower Upper

104 100

78 42.1 43.6 65.4#

103 56.9 43.6 65.4





#71

Bromoform

Concen: 0.636 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX041975.D

Acq: 21 Jun 2024 12:50

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT2-2024

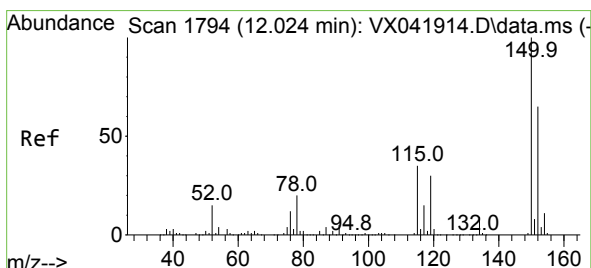
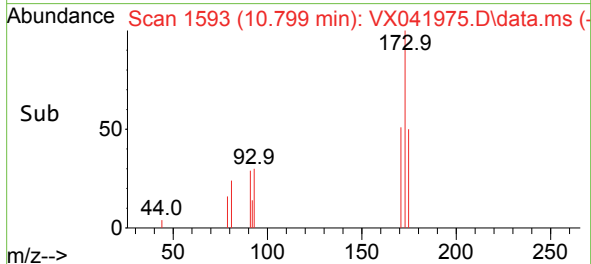
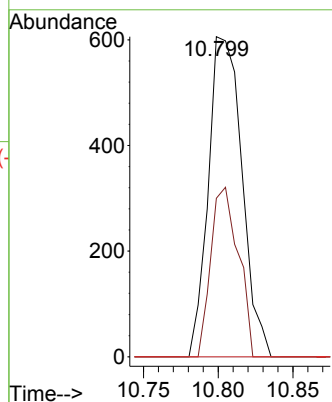
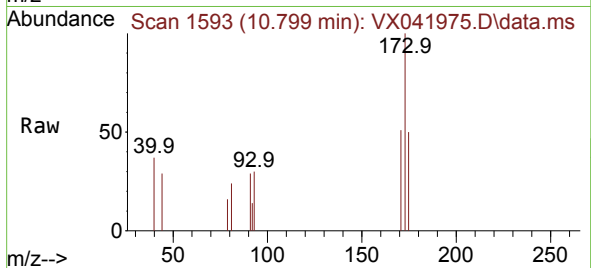
Tgt Ion:173 Resp: 947

Ion Ratio Lower Upper

173 100

175 43.3 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# 1794

Delta R.T. 0.000 min

Lab File: VX041975.D

Acq: 21 Jun 2024 12:50

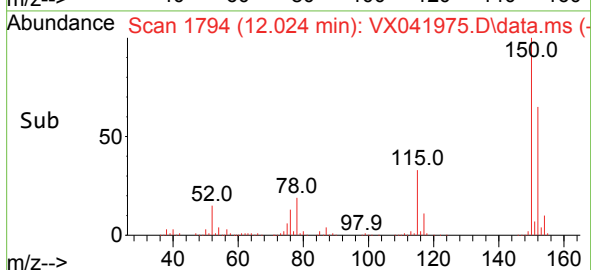
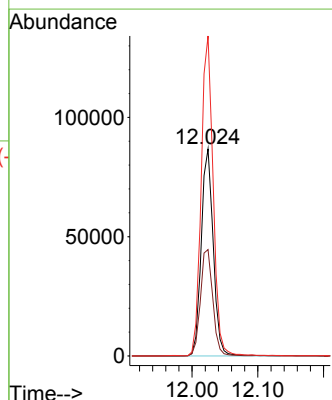
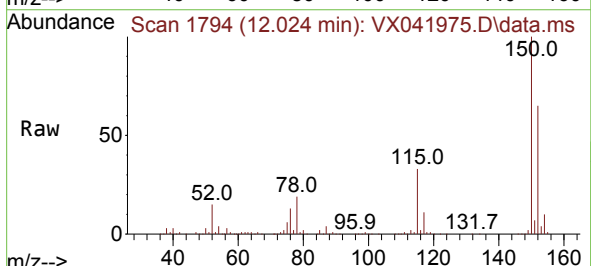
Tgt Ion:152 Resp: 110073

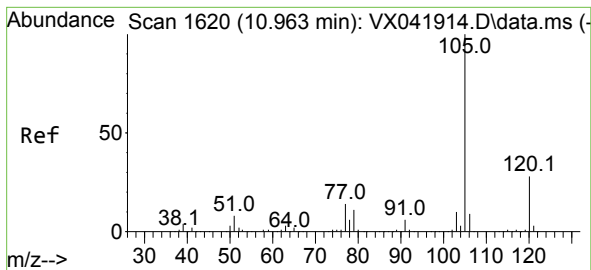
Ion Ratio Lower Upper

152 100

115 52.9 43.3 129.9

150 154.2 0.0 345.0





#73

Isopropylbenzene

Concen: 0.693 ug/l

RT: 10.963 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX041975.D

Acq: 21 Jun 2024 12:50

Instrument :

MSVOA_X

ClientSampleId :

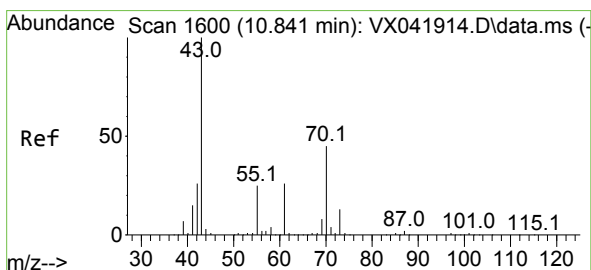
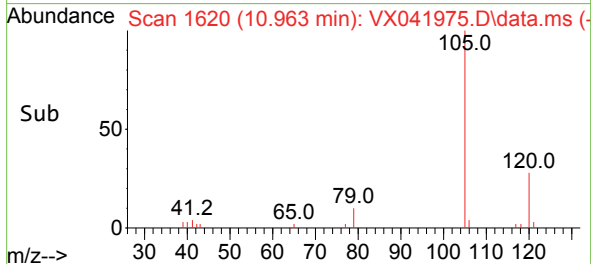
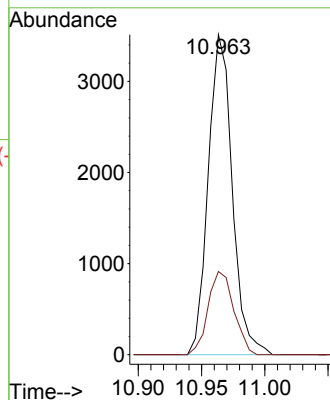
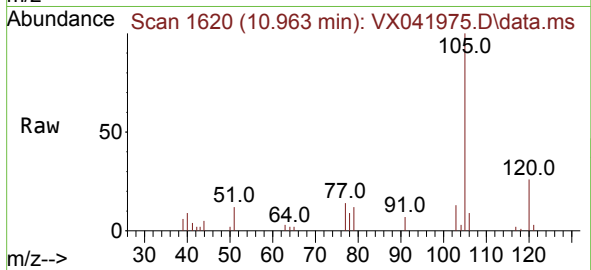
MDL-WATER-03-QT2-2024

Tgt Ion:105 Resp: 4636

Ion Ratio Lower Upper

105 100

120 27.9 12.9 38.6



#74

N-ethyl acetate

Concen: 0.599 ug/l

RT: 10.854 min Scan# 1602

Delta R.T. 0.012 min

Lab File: VX041975.D

Acq: 21 Jun 2024 12:50

Tgt Ion: 43 Resp: 1780

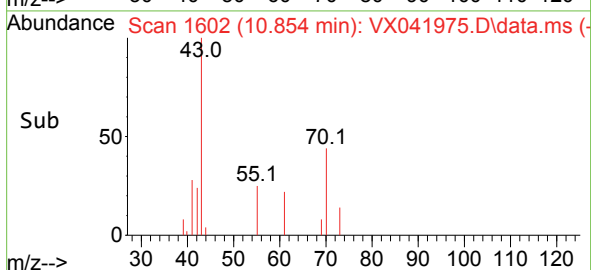
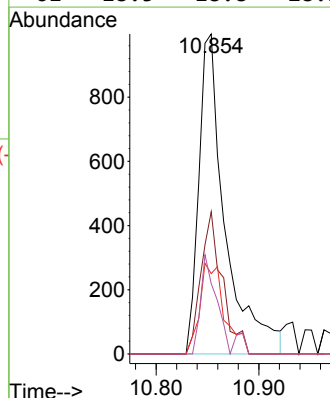
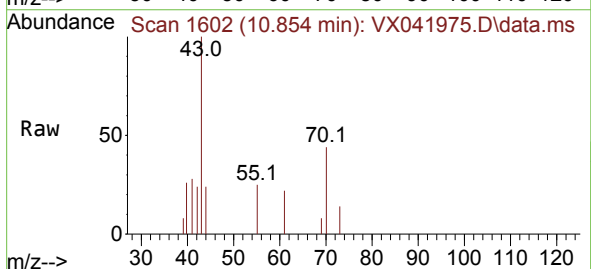
Ion Ratio Lower Upper

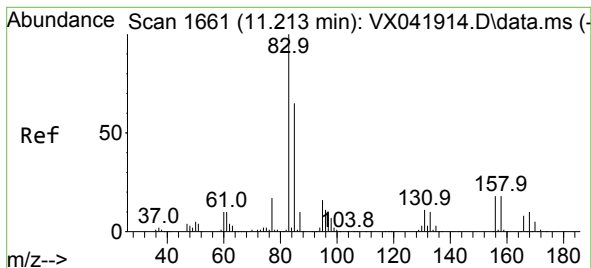
43 100

70 35.9 32.9 49.3

55 26.4 19.3 28.9

61 18.5 18.8 28.2#





#75

1,1,2,2-Tetrachloroethane

Concen: 0.821 ug/l

RT: 11.213 min Scan# 1661

Delta R.T. 0.000 min

Lab File: VX041975.D

Acq: 21 Jun 2024 12:50

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT2-2024

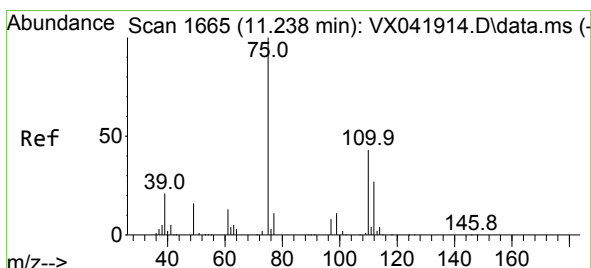
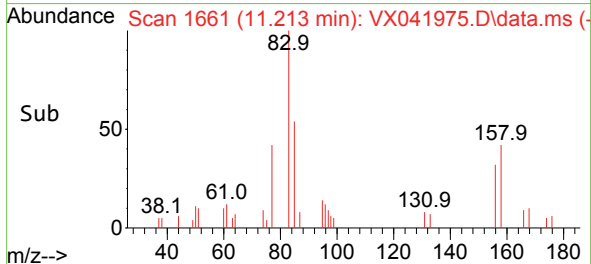
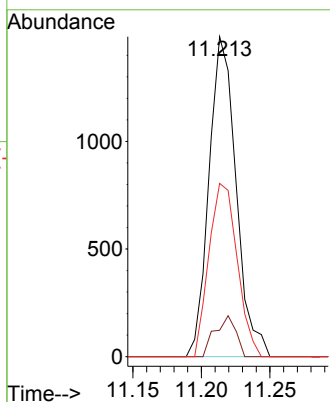
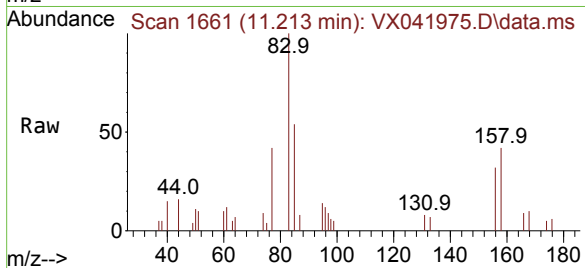
Tgt Ion: 83 Resp: 2042

Ion Ratio Lower Upper

83 100

131 9.8 5.3 15.8

85 56.3 32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 1.062 ug/l

RT: 11.244 min Scan# 1666

Delta R.T. 0.006 min

Lab File: VX041975.D

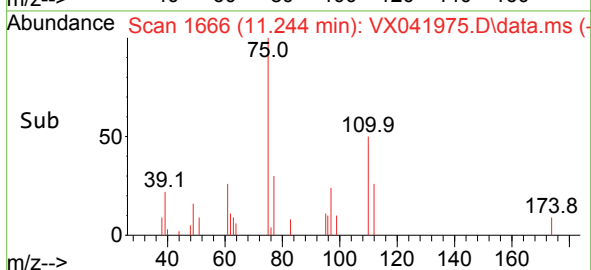
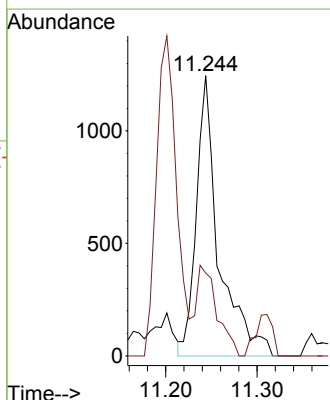
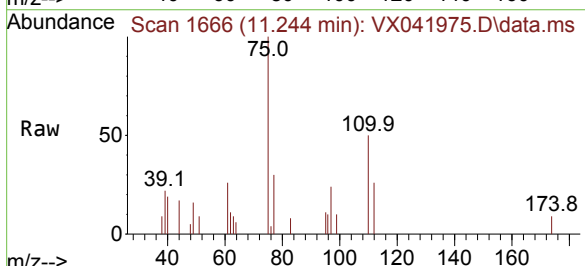
Acq: 21 Jun 2024 12:50

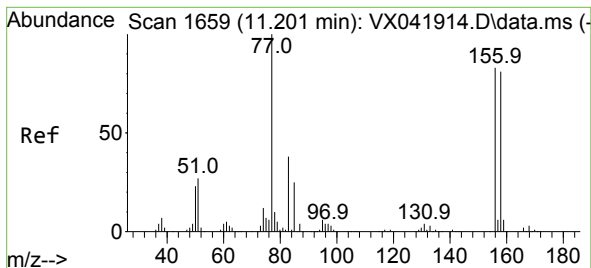
Tgt Ion: 75 Resp: 2122

Ion Ratio Lower Upper

75 100

77 30.3 19.1 57.5





#77

Bromobenzene

Concen: 0.788 ug/l

RT: 11.201 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX041975.D

Acq: 21 Jun 2024 12:50

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT2-2024

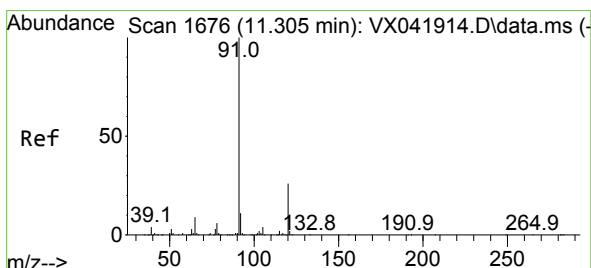
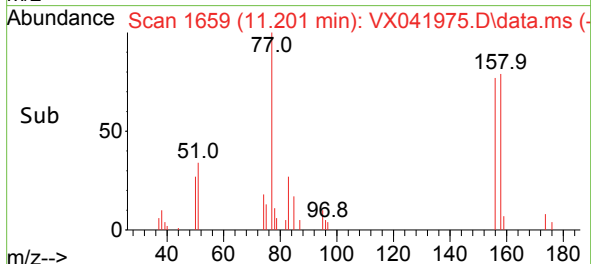
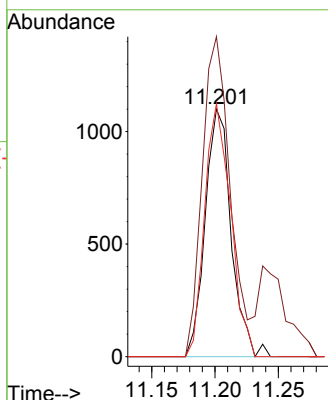
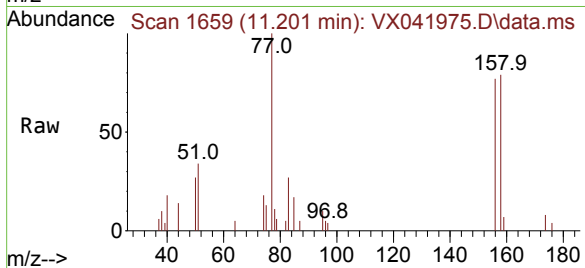
Tgt Ion:156 Resp: 1571

Ion Ratio Lower Upper

156 100

77 137.8 88.4 265.3

158 102.0 48.0 144.0



#78

n-propylbenzene

Concen: 0.706 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX041975.D

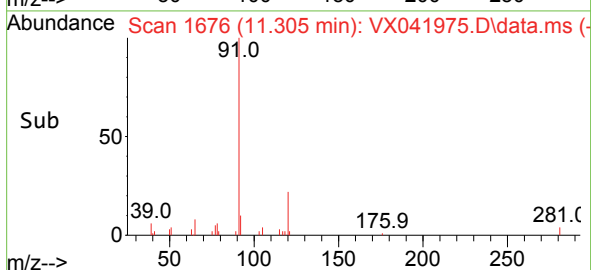
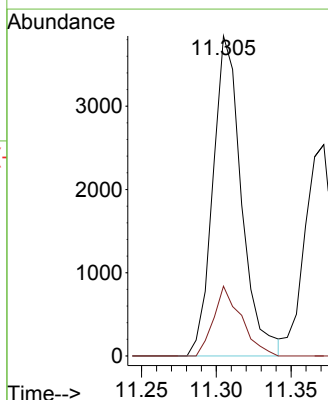
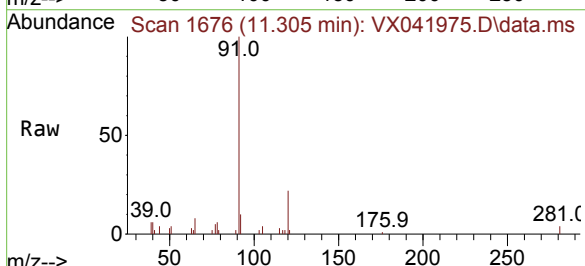
Acq: 21 Jun 2024 12:50

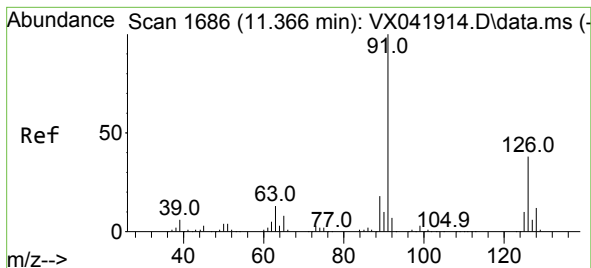
Tgt Ion: 91 Resp: 5125

Ion Ratio Lower Upper

91 100

120 21.1 11.5 34.4





#79

2-Chlorotoluene

Concen: 0.785 ug/l

RT: 11.372 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX041975.D

Acq: 21 Jun 2024 12:50

Instrument :

MSVOA_X

ClientSampleId :

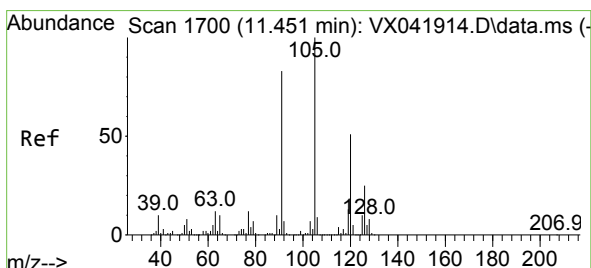
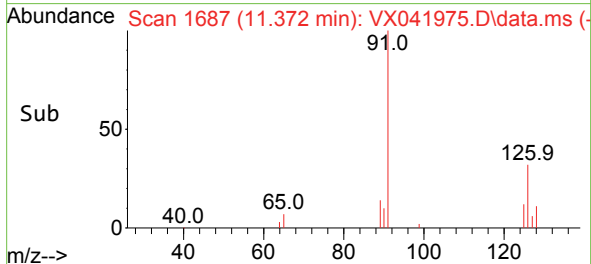
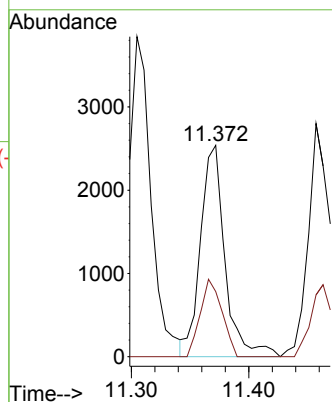
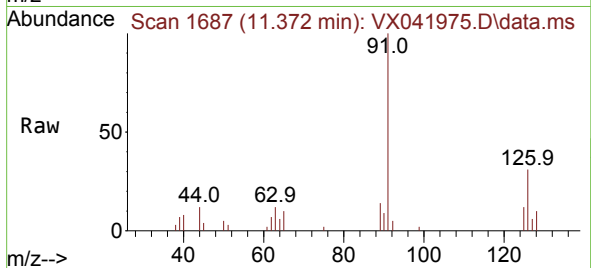
MDL-WATER-03-QT2-2024

Tgt Ion: 91 Resp: 3674

Ion Ratio Lower Upper

91 100

126 32.6 16.3 48.8



#80

1,3,5-Trimethylbenzene

Concen: 0.701 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX041975.D

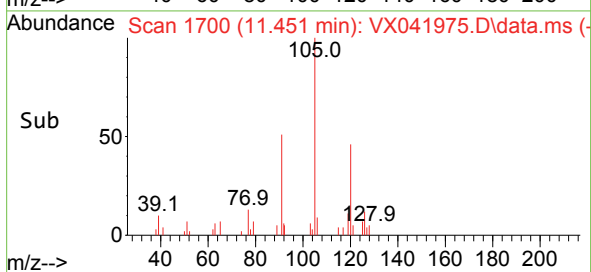
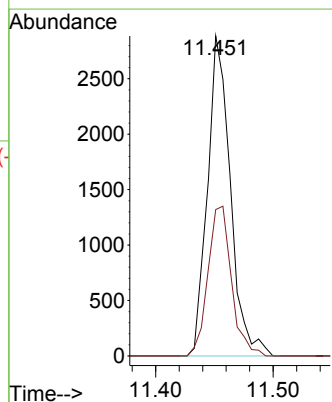
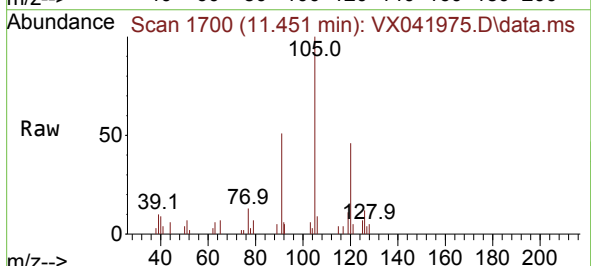
Acq: 21 Jun 2024 12:50

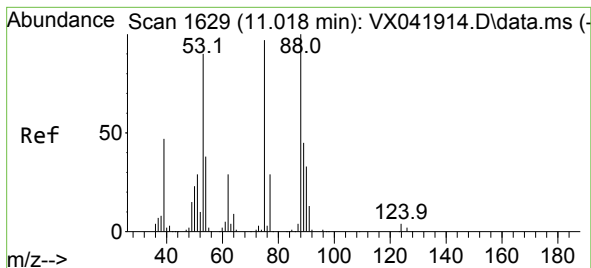
Tgt Ion: 105 Resp: 3910

Ion Ratio Lower Upper

105 100

120 48.1 24.1 72.3

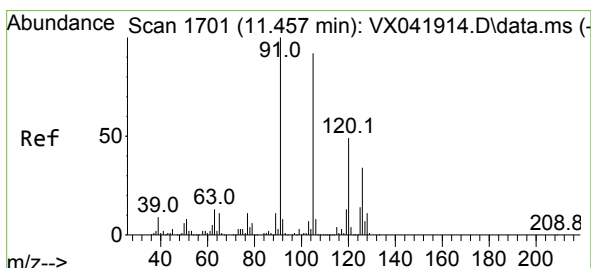
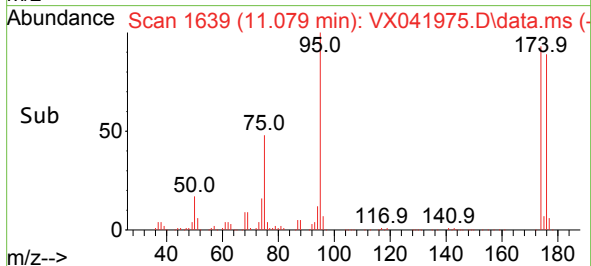
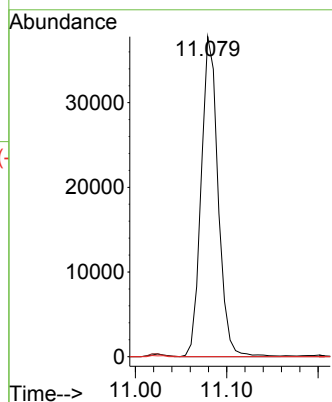
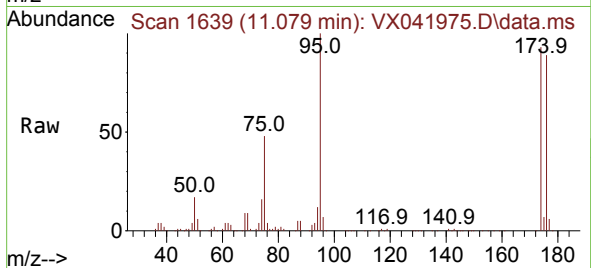




#81
trans-1,4-Dichloro-2-butene
Concen: 69.378 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX041975.D
Acq: 21 Jun 2024 12:50

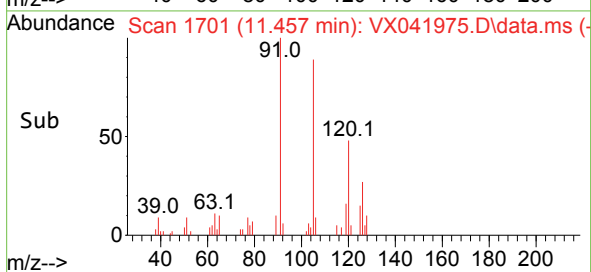
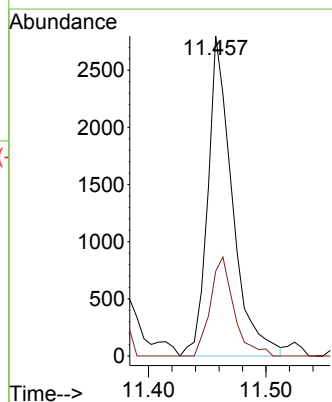
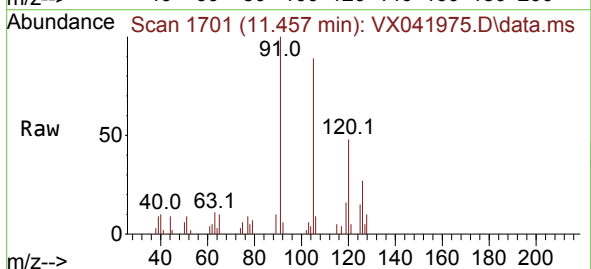
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2024

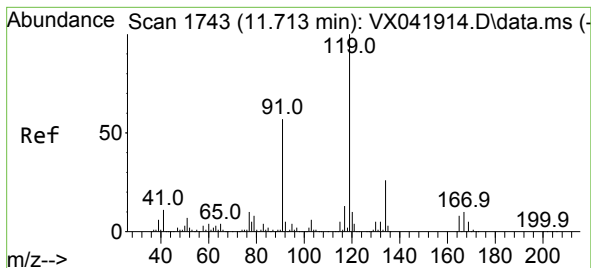
Tgt Ion: 75 Resp: 48817
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#82
4-Chlorotoluene
Concen: 0.783 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX041975.D
Acq: 21 Jun 2024 12:50

Tgt Ion: 91 Resp: 4051
Ion Ratio Lower Upper
91 100
126 29.8 14.2 42.6





#83

tert-Butylbenzene

Concen: 0.704 ug/l

RT: 11.719 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX041975.D

Acq: 21 Jun 2024 12:50

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT2-2024

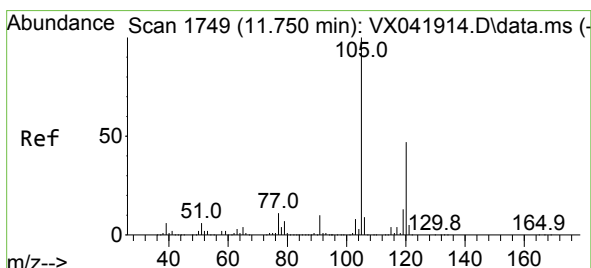
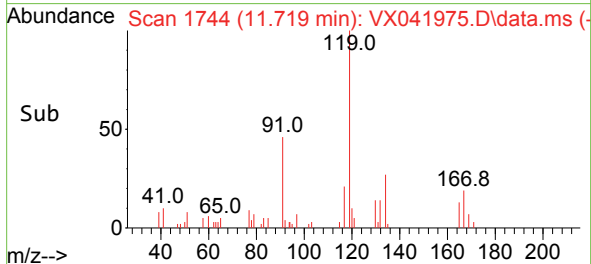
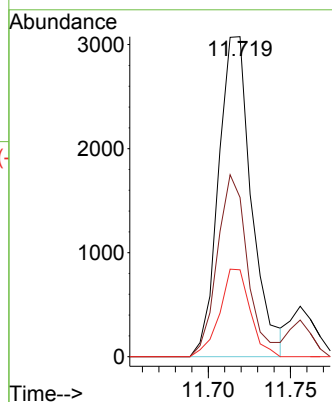
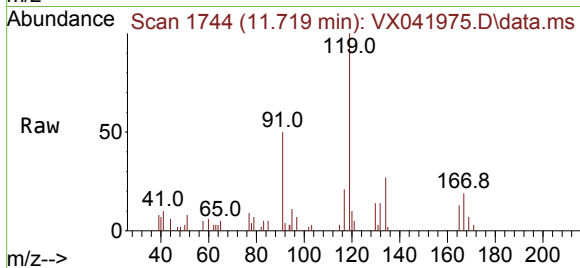
Tgt Ion:119 Resp: 4309

Ion Ratio Lower Upper

119 100

91 51.3 31.2 93.6

134 25.2 11.7 35.0



#84

1,2,4-Trimethylbenzene

Concen: 0.678 ug/l

RT: 11.756 min Scan# 1750

Delta R.T. 0.006 min

Lab File: VX041975.D

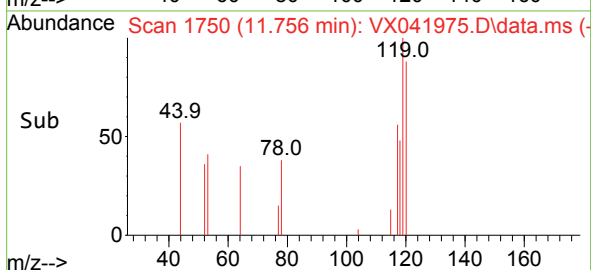
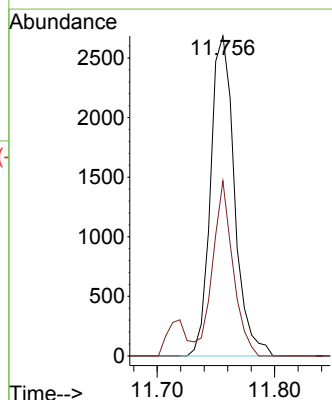
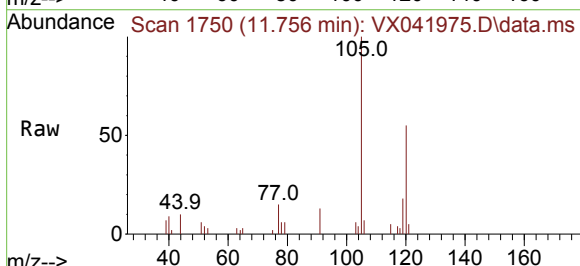
Acq: 21 Jun 2024 12:50

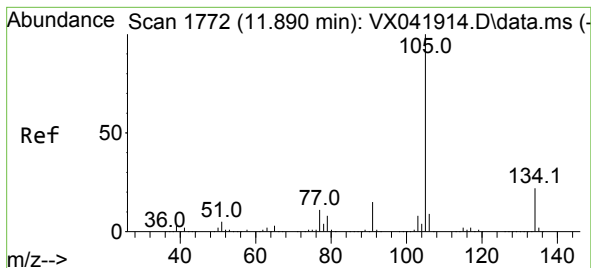
Tgt Ion:105 Resp: 3793

Ion Ratio Lower Upper

105 100

120 46.3 21.2 63.6





#85

sec-Butylbenzene

Concen: 0.652 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VX041975.D

Acq: 21 Jun 2024 12:50

Instrument :

MSVOA_X

ClientSampleId :

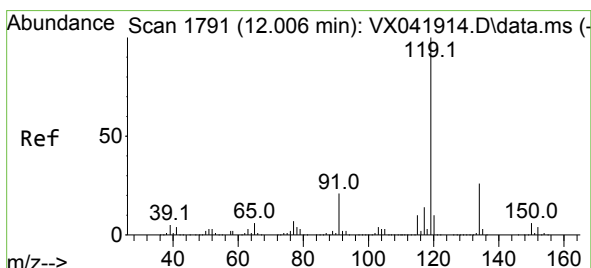
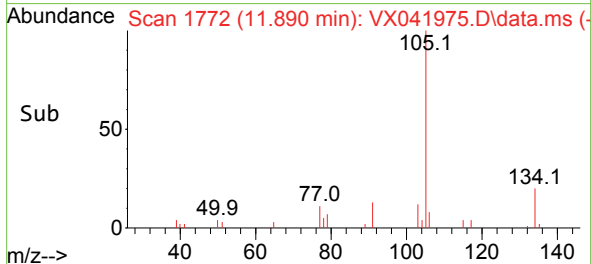
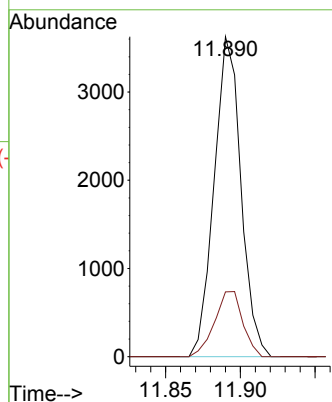
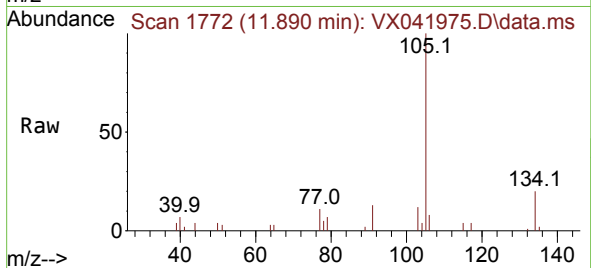
MDL-WATER-03-QT2-2024

Tgt Ion:105 Resp: 4512

Ion Ratio Lower Upper

105 100

134 21.4 9.8 29.4



#86

p-Isopropyltoluene

Concen: 0.610 ug/l

RT: 12.012 min Scan# 1792

Delta R.T. 0.006 min

Lab File: VX041975.D

Acq: 21 Jun 2024 12:50

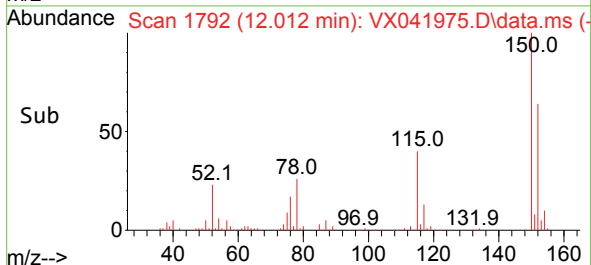
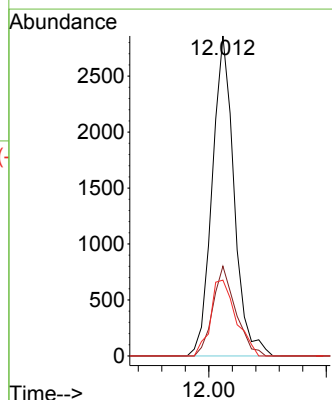
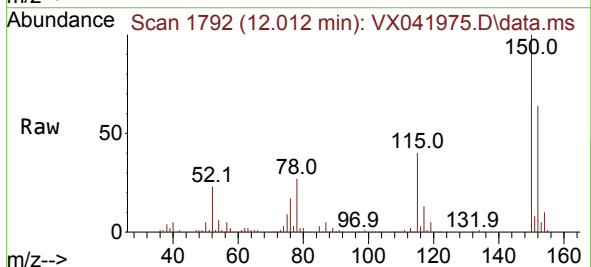
Tgt Ion:119 Resp: 3686

Ion Ratio Lower Upper

119 100

134 29.3 12.8 38.3

91 27.6 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 0.697 ug/l

RT: 11.975 min Scan# 1786

Delta R.T. 0.006 min

Lab File: VX041975.D

Acq: 21 Jun 2024 12:50

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT2-2024

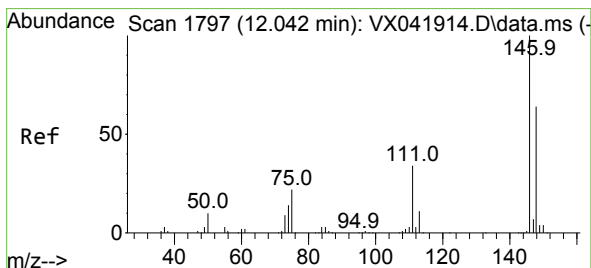
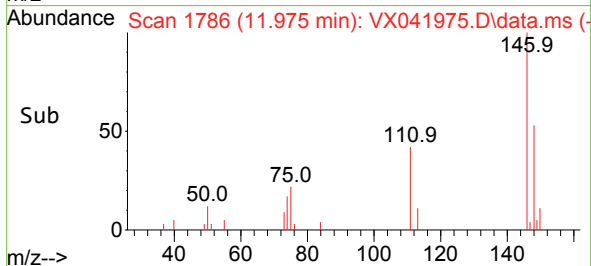
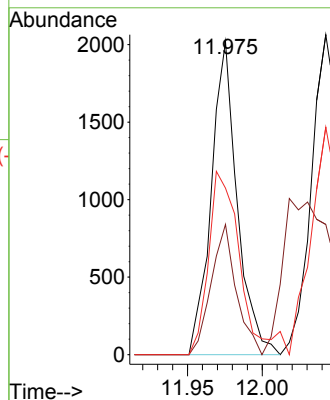
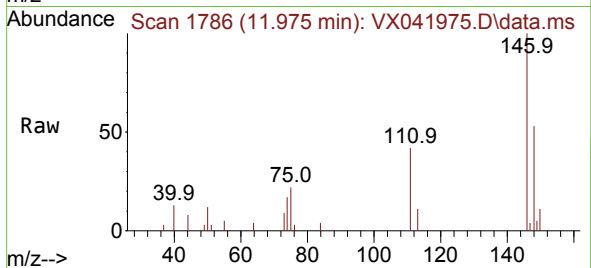
Tgt Ion:146 Resp: 2443

Ion Ratio Lower Upper

146 100

111 40.3 22.1 66.1

148 68.6 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 0.680 ug/l

RT: 11.975 min Scan# 1786

Delta R.T. -0.067 min

Lab File: VX041975.D

Acq: 21 Jun 2024 12:50

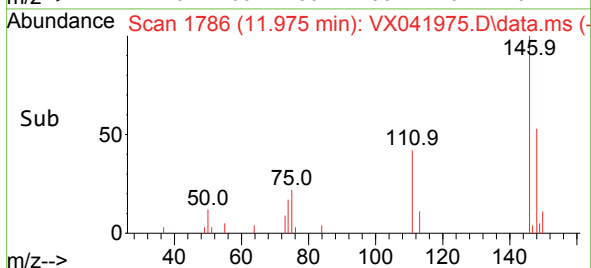
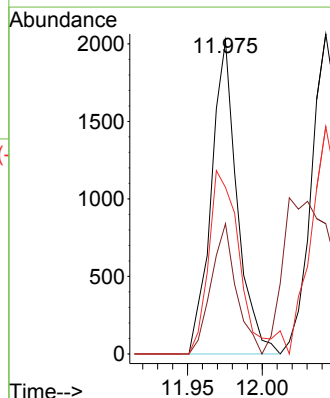
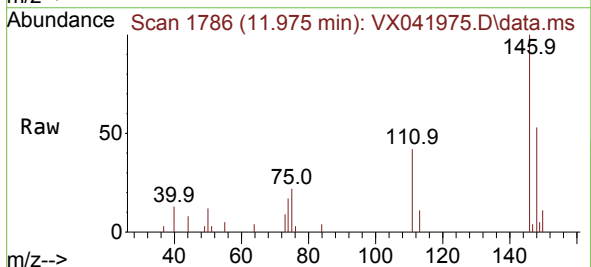
Tgt Ion:146 Resp: 2443

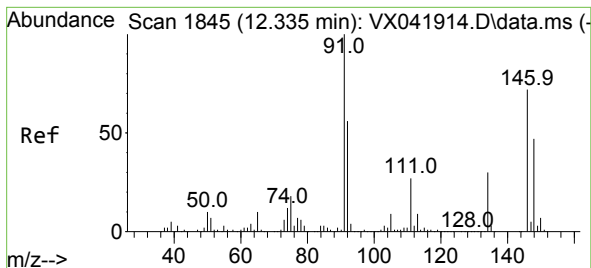
Ion Ratio Lower Upper

146 100

111 40.3 21.3 63.7

148 68.6 31.8 95.4





#89

n-Butylbenzene

Concen: 0.571 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX041975.D

Acq: 21 Jun 2024 12:50

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT2-2024

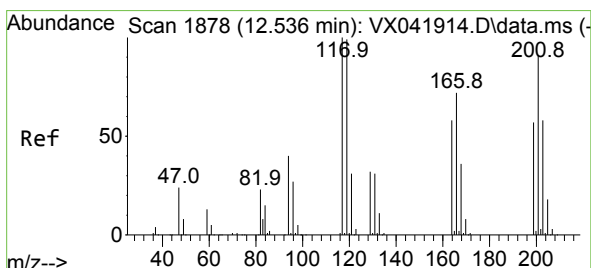
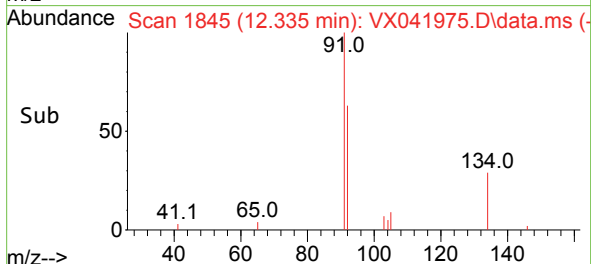
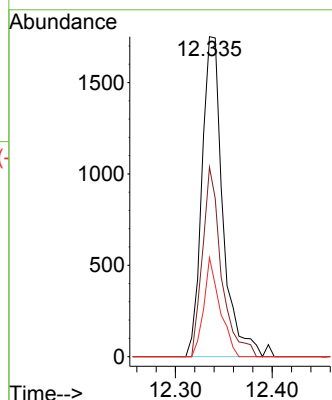
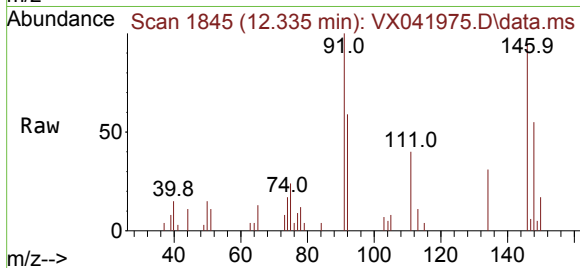
Tgt Ion: 91 Resp: 2656

Ion Ratio Lower Upper

91 100

92 53.2 27.4 82.0

134 23.6 12.6 37.8



#90

Hexachloroethane

Concen: 0.580 ug/l

RT: 12.542 min Scan# 1879

Delta R.T. 0.006 min

Lab File: VX041975.D

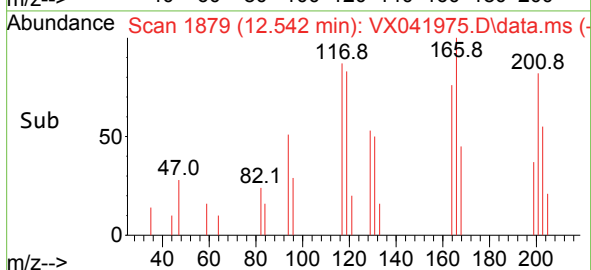
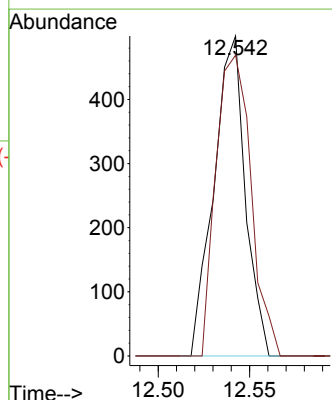
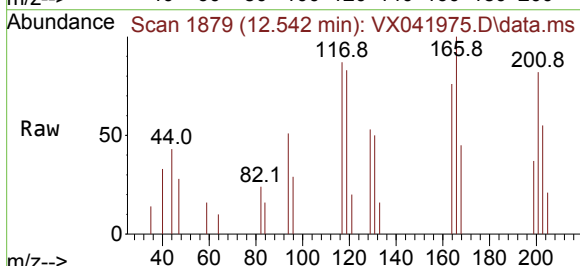
Acq: 21 Jun 2024 12:50

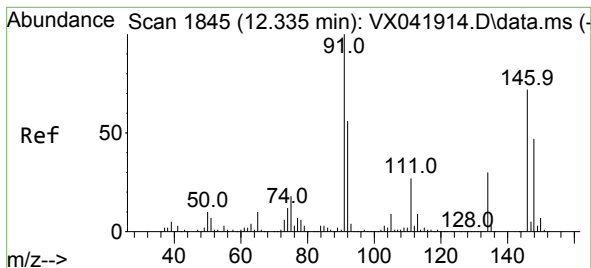
Tgt Ion: 117 Resp: 597

Ion Ratio Lower Upper

117 100

201 104.9 32.9 98.6#





#91

1,2-Dichlorobenzene

Concen: 0.713 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX041975.D

Acq: 21 Jun 2024 12:50

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT2-2024

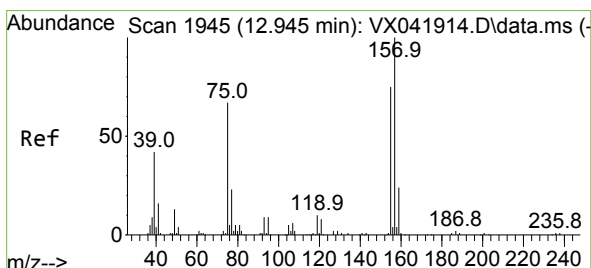
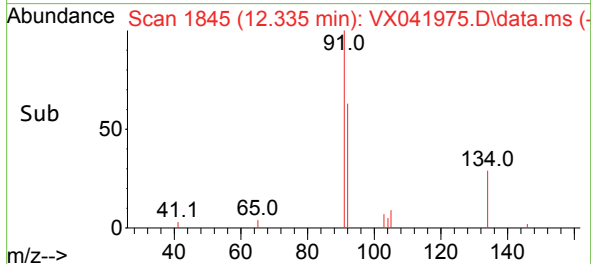
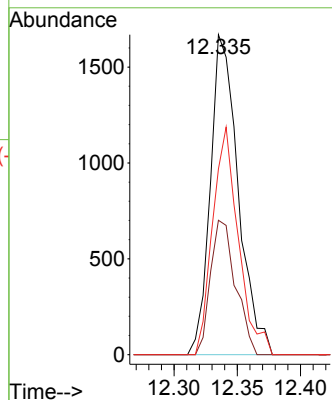
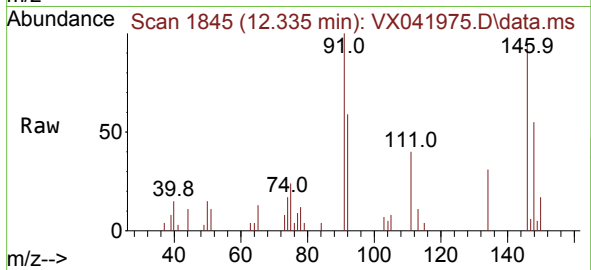
Tgt Ion:146 Resp: 2555

Ion Ratio Lower Upper

146 100

111 37.9 22.4 67.0

148 65.9 31.6 95.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.527 ug/l

RT: 12.951 min Scan# 1946

Delta R.T. 0.006 min

Lab File: VX041975.D

Acq: 21 Jun 2024 12:50

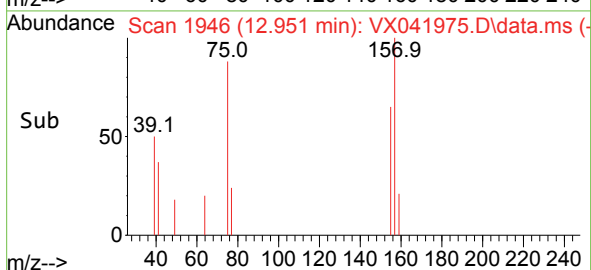
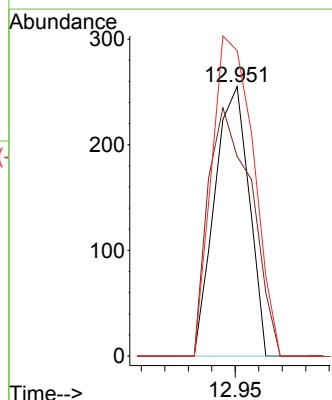
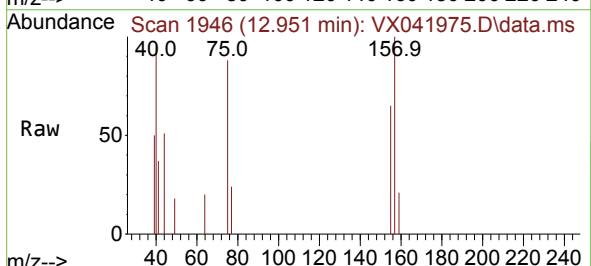
Tgt Ion: 75 Resp: 260

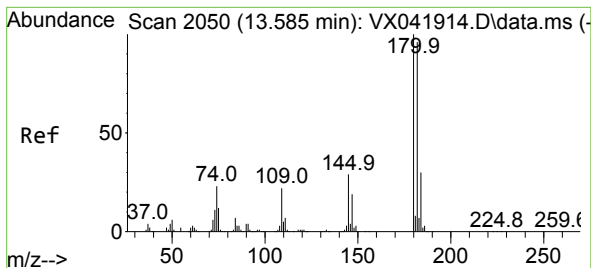
Ion Ratio Lower Upper

75 100

155 115.4 36.1 108.5#

157 143.8 44.9 134.7#





#93

1,2,4-Trichlorobenzene

Concen: 0.632 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.006 min

Lab File: VX041975.D

Acq: 21 Jun 2024 12:50

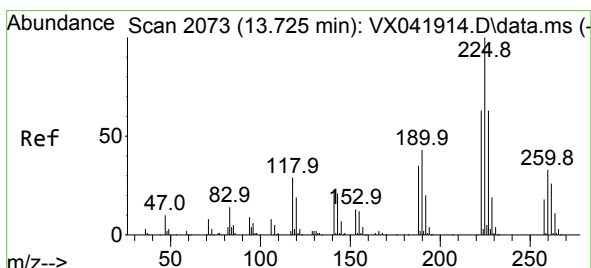
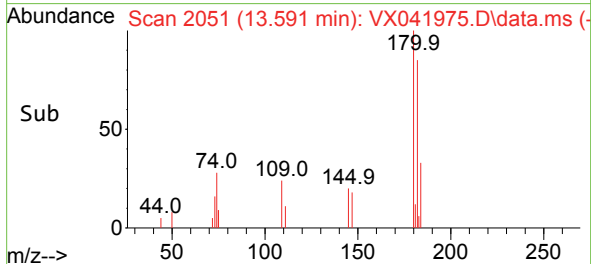
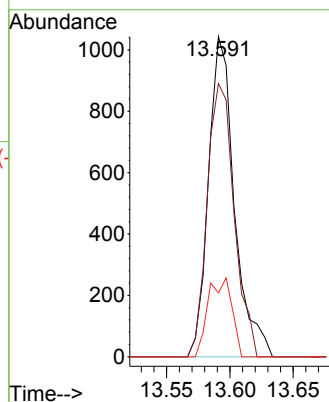
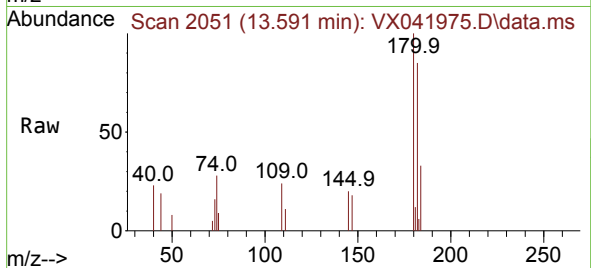
Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT2-2024

Tgt Ion:180	Resp:	1485
Ion Ratio	Lower	Upper
180	100	
182	88.7	48.3 144.8
145	22.6	18.0 54.0



#94

Hexachlorobutadiene

Concen: 0.682 ug/l

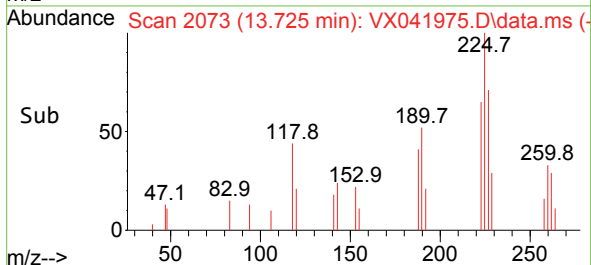
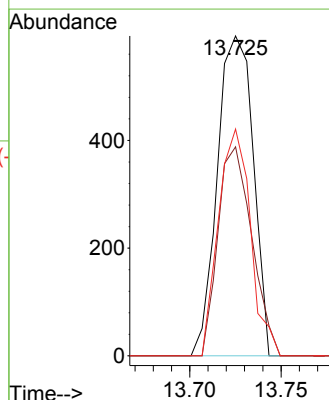
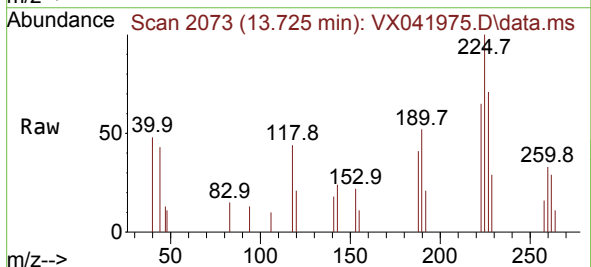
RT: 13.725 min Scan# 2073

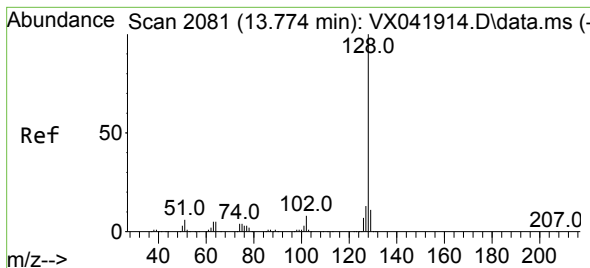
Delta R.T. 0.000 min

Lab File: VX041975.D

Acq: 21 Jun 2024 12:50

Tgt Ion:225	Resp:	810
Ion Ratio	Lower	Upper
225	100	
223	62.0	31.1 93.2
227	63.5	32.5 97.5





#95

Naphthalene

Concen: 0.613 ug/l

RT: 13.780 min Scan# 2081

Delta R.T. 0.006 min

Lab File: VX041975.D

Acq: 21 Jun 2024 12:50

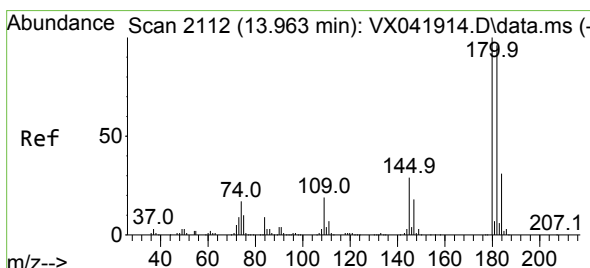
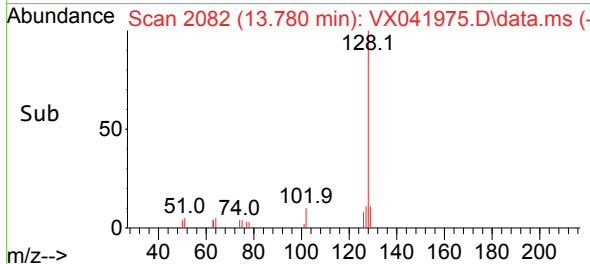
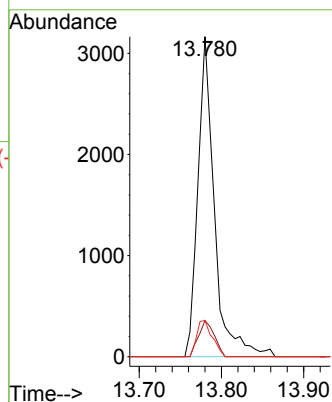
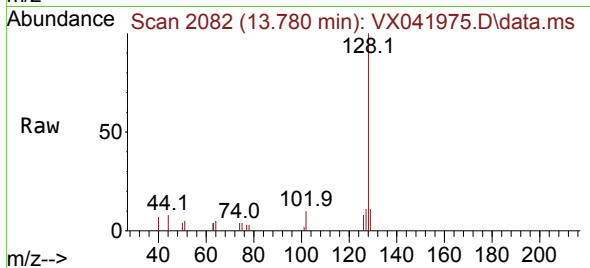
Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT2-2024

Tgt Ion:	128	Resp:	4435
Ion	Ratio	Lower	Upper
128	100		
127	10.7	10.3	15.5
129	10.6	8.8	13.2



#96

1,2,3-Trichlorobenzene

Concen: 0.635 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX041975.D

Acq: 21 Jun 2024 12:50

Tgt Ion:	180	Resp:	1572
Ion	Ratio	Lower	Upper
180	100		
182	95.5	46.9	140.6
145	23.8	17.8	53.5

