

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX013124\
 Data File : VX040041.D
 Acq On : 31 Jan 2024 12:27
 Operator : JC/MD
 Sample : P1187-09 0.5PPB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT1-2024

Quant Time: Feb 01 05:08:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X013024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 01 05:07:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	95833	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	171355	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	156583	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	72324	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	75503	48.954	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.900%
35) Dibromofluoromethane	5.385	113	56767	48.666	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.340%
50) Toluene-d8	8.647	98	200426	45.945	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.900%#
62) 4-Bromofluorobenzene	11.079	95	64988	38.690	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	77.380%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	490	0.454	ug/l	82
3) Chloromethane	1.294	50	661	0.646	ug/l	95
4) Vinyl Chloride	1.373	62	482	0.509	ug/l	91
5) Bromomethane	1.605	94	308	0.335	ug/l	88
6) Chloroethane	1.697	64	268	0.429	ug/l #	43
7) Trichlorofluoromethane	1.886	101	557	0.370	ug/l #	74
8) Diethyl Ether	2.129	74	195	0.366	ug/l	78
9) 1,1,2-Trichlorotrifluo...	2.318	101	366	0.326	ug/l #	75
10) Methyl Iodide	2.453	142	474	0.396	ug/l #	56
11) Tert butyl alcohol	2.965	59	948	3.388	ug/l #	78
12) 1,1-Dichloroethene	2.318	96	538	0.499	ug/l #	52
13) Acrolein	2.233	56	466	1.738	ug/l #	83
14) Allyl chloride	2.660	41	744	0.383	ug/l #	76
15) Acrylonitrile	3.074	53	1240	1.769	ug/l	94
16) Acetone	2.373	43	1638	2.267	ug/l	95
17) Carbon Disulfide	2.514	76	1378	0.437	ug/l #	70
18) Methyl Acetate	2.702	43	714	0.417	ug/l	95
19) Methyl tert-butyl Ether	3.111	73	1464	0.396	ug/l	95
20) Methylene Chloride	2.794	84	666	0.519	ug/l #	74
21) trans-1,2-Dichloroethene	3.093	96	423	0.356	ug/l	81
22) Diisopropyl ether	3.757	45	756	0.201	ug/l #	70
23) Vinyl Acetate	3.727	43	5624	1.670	ug/l	95
24) 1,1-Dichloroethane	3.617	63	739	0.343	ug/l #	83
25) 2-Butanone	4.598	43	2355	2.344	ug/l	99
26) 2,2-Dichloropropane	4.470	77	551	0.328	ug/l #	54
27) cis-1,2-Dichloroethene	4.477	96	227	0.171	ug/l #	14
28) Bromochloromethane	4.909	49	309	0.307	ug/l #	62
29) Tetrahydrofuran	5.019	42	1346	2.107	ug/l	96
30) Chloroform	5.086	83	544	0.235	ug/l	96
31) Cyclohexane	5.464	56	534	0.276	ug/l #	78
32) 1,1,1-Trichloroethane	5.385	97	801	0.403	ug/l #	48
36) 1,1-Dichloropropene	5.708	75	965	0.572	ug/l #	48
37) Ethyl Acetate	4.745	43	1023	0.555	ug/l #	69
38) Carbon Tetrachloride	5.678	117	641	0.397	ug/l #	74
39) Methylcyclohexane	7.385	83	1031	0.502	ug/l #	70
40) Benzene	6.049	78	2171	0.442	ug/l	97

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	206	0.220	ug/l #	58
42) 1,2-Dichloroethane	6.086	62	846	0.447	ug/l #	77
43) Isopropyl Acetate	6.360	43	1293	0.445	ug/l #	72
44) Trichloroethene	7.122	130	631	0.488	ug/l	49
45) 1,2-Dichloropropane	7.433	63	664	0.512	ug/l	91
46) Dibromomethane	7.586	93	548	0.563	ug/l #	83
47) Bromodichloromethane	7.830	83	748	0.431	ug/l #	70
48) Methyl methacrylate	7.708	41	516	0.361	ug/l #	86
49) 1,4-Dioxane	7.665	88	327	10.514	ug/l #	27
51) 4-Methyl-2-Pentanone	8.573	43	4408	2.223	ug/l	96
52) Toluene	8.720	92	1398	0.456	ug/l	81
53) t-1,3-Dichloropropene	8.988	75	523	0.291	ug/l	96
54) cis-1,3-Dichloropropene	8.366	75	700	0.365	ug/l #	92
55) 1,1,2-Trichloroethane	9.153	97	534	0.421	ug/l #	83
56) Ethyl methacrylate	9.122	69	683	0.369	ug/l #	70
57) 1,3-Dichloropropane	9.311	76	1109	0.531	ug/l #	83
58) 2-Chloroethyl Vinyl ether	8.250	63	1962	2.108	ug/l #	89
59) 2-Hexanone	9.439	43	3204	2.026	ug/l	78
60) Dibromochloromethane	9.512	129	451	0.354	ug/l	82
61) 1,2-Dibromoethane	9.616	107	655	0.478	ug/l #	76
64) Tetrachloroethene	9.274	164	528	0.518	ug/l	96
65) Chlorobenzene	10.079	112	1687	0.521	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	458	0.419	ug/l #	53
67) Ethyl Benzene	10.195	91	2502	0.431	ug/l	100
68) m/p-Xylenes	10.305	106	1919	0.878	ug/l	92
69) o-Xylene	10.646	106	761	0.367	ug/l	92
70) Styrene	10.658	104	1189	0.340	ug/l	90
71) Bromoform	10.805	173	435	0.520	ug/l #	58
73) Isopropylbenzene	10.963	105	2035	0.392	ug/l	99
74) N-amyl acetate	10.847	43	616	0.261	ug/l #	70
75) 1,1,2,2-Tetrachloroethane	11.207	83	802	0.411	ug/l #	89
76) 1,2,3-Trichloropropane	11.079	75	37543	24.376	ug/l #	39
77) Bromobenzene	11.201	156	562	0.469	ug/l	84
78) n-propylbenzene	11.305	91	2786	0.436	ug/l	95
79) 2-Chlorotoluene	11.366	91	1689	0.439	ug/l	92
80) 1,3,5-Trimethylbenzene	11.451	105	1837	0.411	ug/l	91
81) trans-1,4-Dichloro-2-b...	11.079	75	37543	75.945	ug/l #	5
82) 4-Chlorotoluene	11.457	91	2013	0.456	ug/l	96
83) tert-Butylbenzene	11.713	119	1544	0.361	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	1884	0.423	ug/l	97
85) sec-Butylbenzene	11.890	105	2290	0.405	ug/l	99
86) p-Isopropyltoluene	12.006	119	1842	0.399	ug/l #	81
87) 1,3-Dichlorobenzene	11.975	146	1138	0.471	ug/l	97
88) 1,4-Dichlorobenzene	11.975	146	1138	0.460	ug/l	96
89) n-Butylbenzene	12.335	91	1633	0.364	ug/l	94
90) Hexachloroethane	12.542	117	186	0.255	ug/l #	44
91) 1,2-Dichlorobenzene	12.341	146	1003	0.430	ug/l	93
92) 1,2-Dibromo-3-Chloropr...	12.951	75	38	0.086	ug/l #	1
93) 1,2,4-Trichlorobenzene	13.597	180	829	0.569	ug/l	84
94) Hexachlorobutadiene	13.725	225	252	0.439	ug/l	84
95) Naphthalene	13.780	128	2564	0.518	ug/l #	92
96) 1,2,3-Trichlorobenzene	13.963	180	703	0.488	ug/l	83

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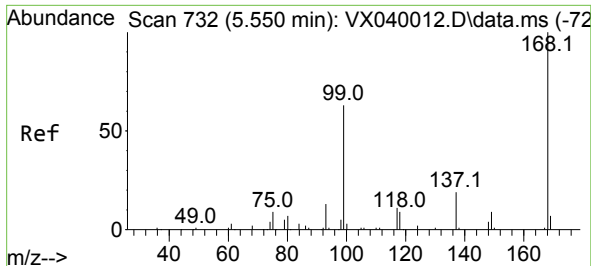
Quant Time: Feb 01 05:08:46 2024
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QLast Update : Thu Feb 01 05:07:23 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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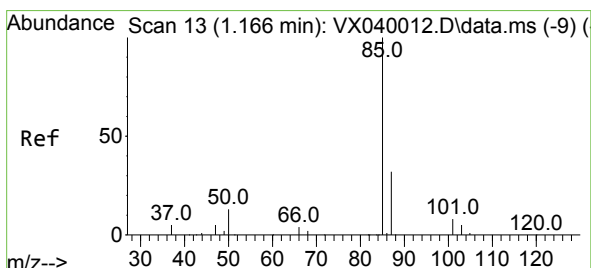
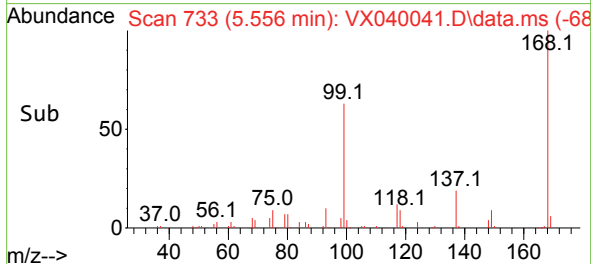
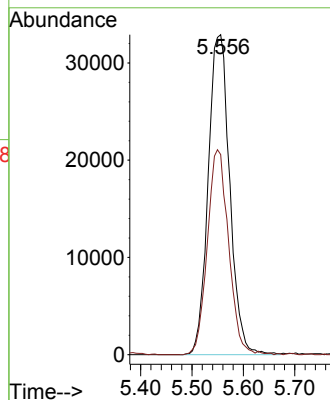
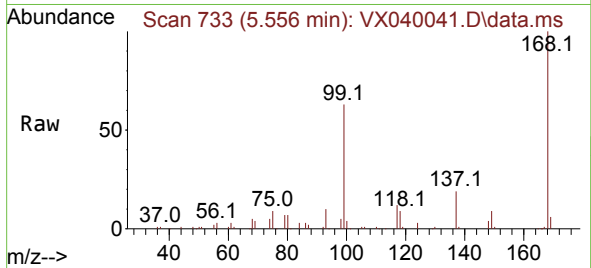




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX040041.D
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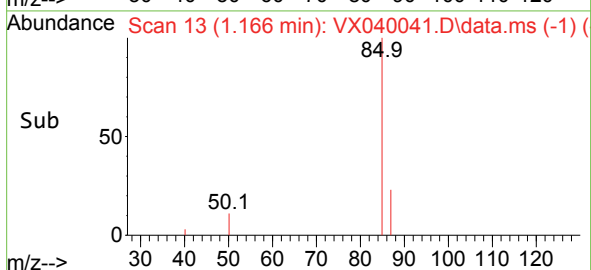
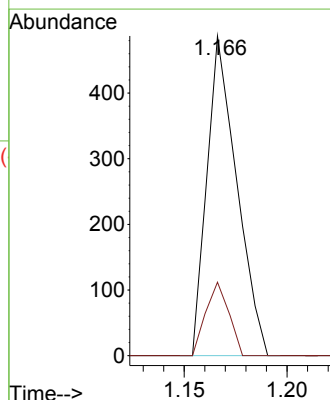
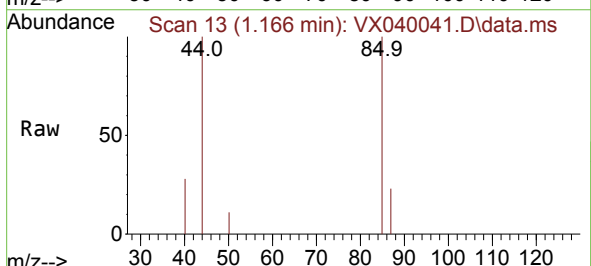
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2024

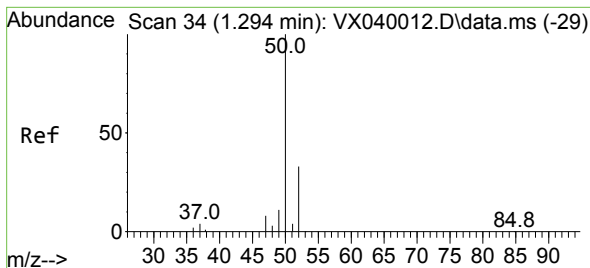
Tgt Ion:168 Resp: 95833
Ion Ratio Lower Upper
168 100
99 62.6 56.6 85.0



#2
Dichlorodifluoromethane
Concen: 0.454 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX040041.D
Acq: 31 Jan 2024 12:27

Tgt Ion: 85 Resp: 490
Ion Ratio Lower Upper
85 100
87 23.0 16.7 50.1





#3

Chloromethane

Concen: 0.646 ug/l

RT: 1.294 min Scan# 34

Delta R.T. -0.000 min

Lab File: VX040041.D

Acq: 31 Jan 2024 12:27

Instrument :

MSVOA_X

ClientSampleId :

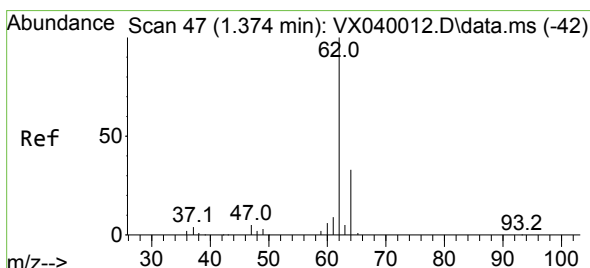
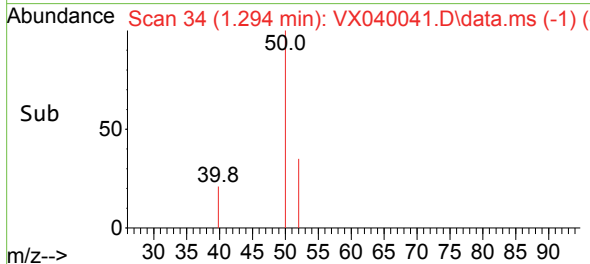
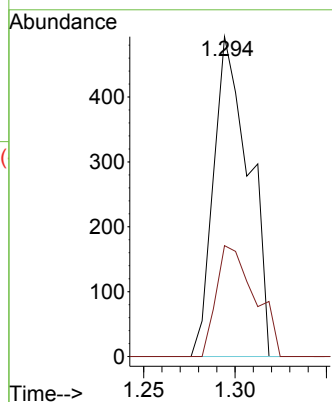
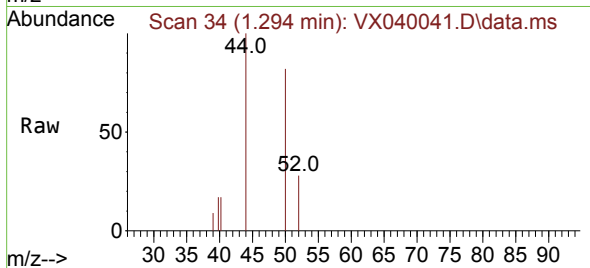
MDL-WATER-03-QT1-2024

Tgt Ion: 50 Resp: 661

Ion Ratio Lower Upper

50 100

52 34.7 25.5 38.3



#4

Vinyl Chloride

Concen: 0.509 ug/l

RT: 1.373 min Scan# 47

Delta R.T. -0.000 min

Lab File: VX040041.D

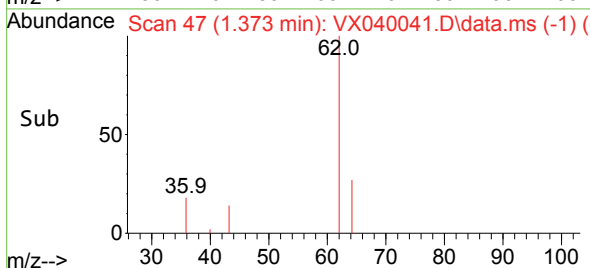
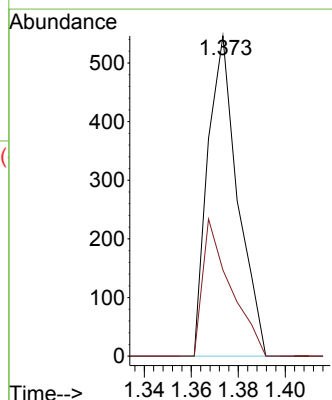
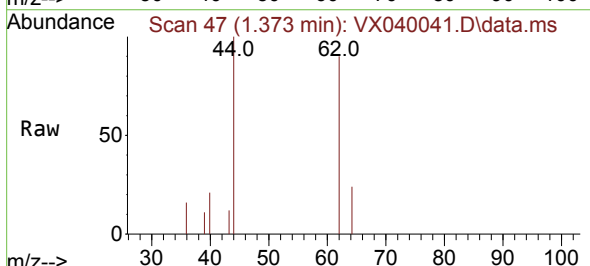
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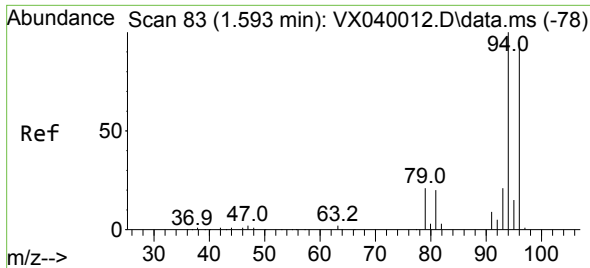
Tgt Ion: 62 Resp: 482

Ion Ratio Lower Upper

62 100

64 26.9 25.4 38.0

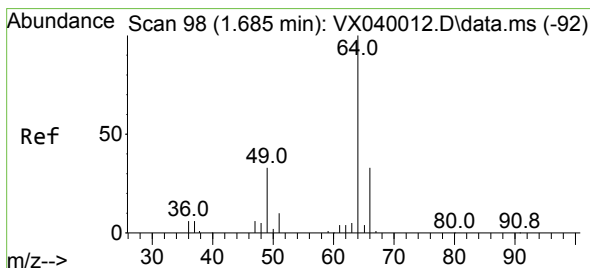
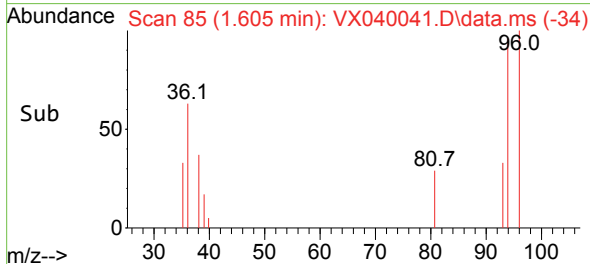
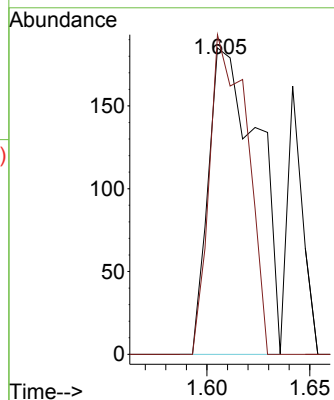
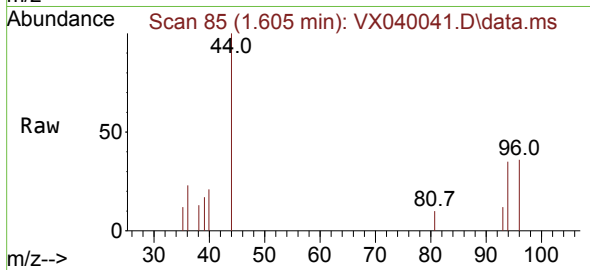




#5
Bromomethane
Concen: 0.335 ug/l
RT: 1.605 min Scan# 81
Delta R.T. 0.012 min
Lab File: VX040041.D
Acq: 31 Jan 2024 12:27

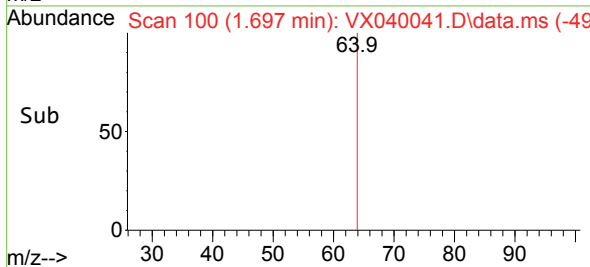
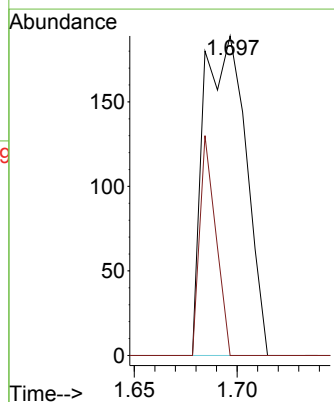
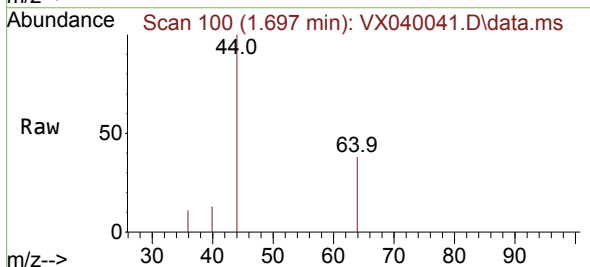
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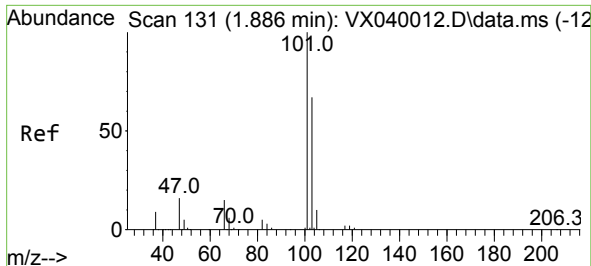
Tgt Ion: 94 Resp: 308
Ion Ratio Lower Upper
94 100
96 104.3 74.6 111.8



#6
Chloroethane
Concen: 0.429 ug/l
RT: 1.697 min Scan# 100
Delta R.T. 0.012 min
Lab File: VX040041.D
Acq: 31 Jan 2024 12:27

Tgt Ion: 64 Resp: 268
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#

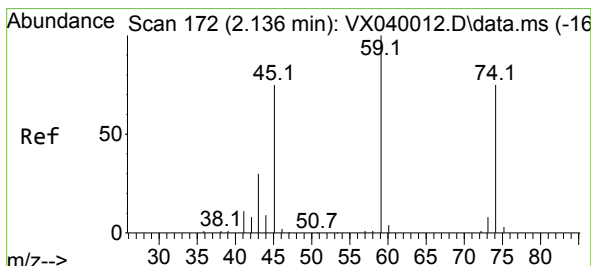
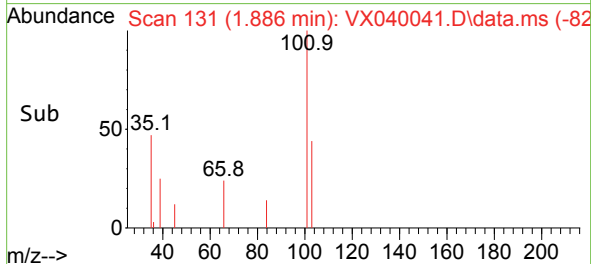
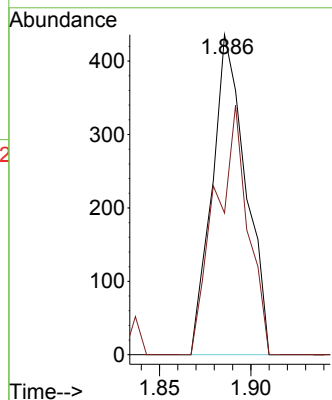
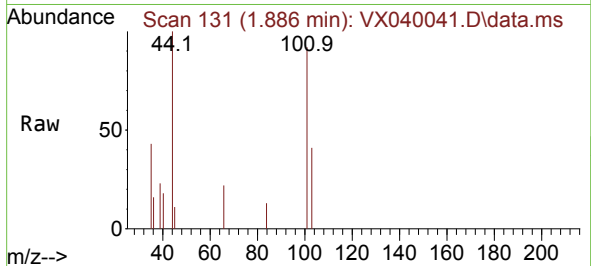




#7
Trichlorofluoromethane
Concen: 0.370 ug/l
RT: 1.886 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX040041.D
Acq: 31 Jan 2024 12:27

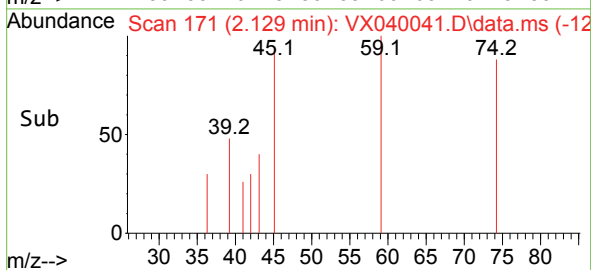
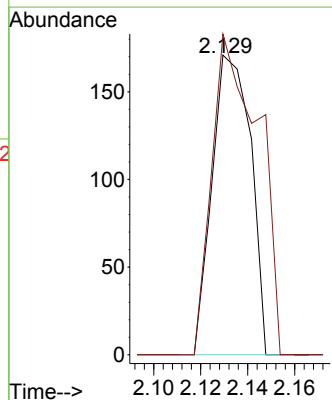
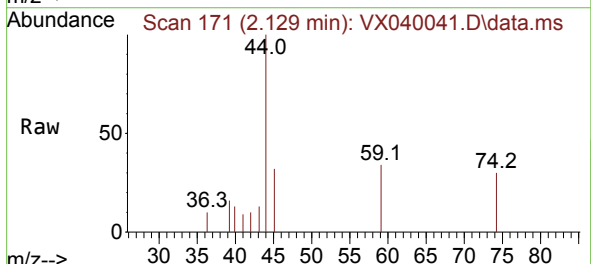
Instrument :
MSVOA_X
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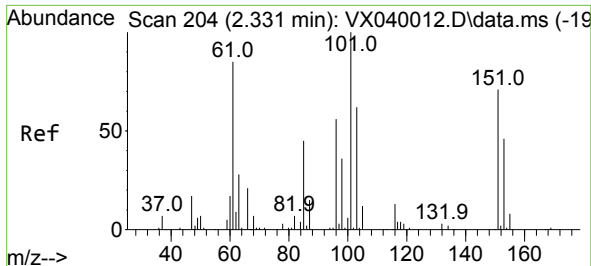
Tgt Ion:101 Resp: 557
Ion Ratio Lower Upper
101 100
103 44.3 51.4 77.2#



#8
Diethyl Ether
Concen: 0.366 ug/l
RT: 2.129 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX040041.D
Acq: 31 Jan 2024 12:27

Tgt Ion: 74 Resp: 195
Ion Ratio Lower Upper
74 100
45 129.2 53.3 159.8

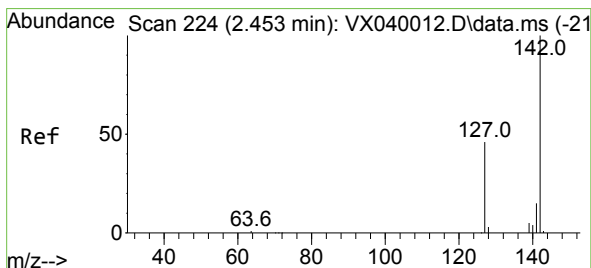
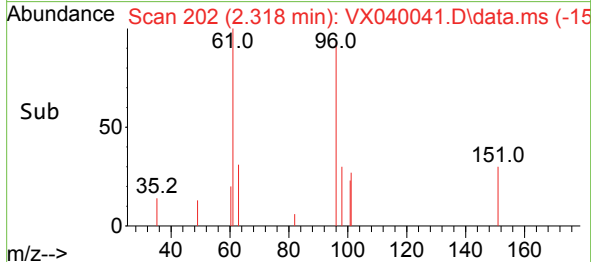
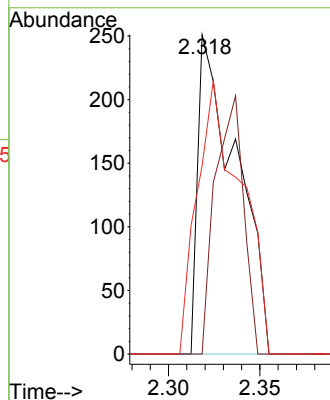
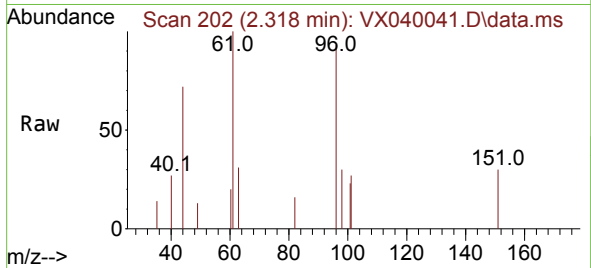




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.326 ug/l
RT: 2.318 min Scan# 204
Delta R.T. -0.012 min
Lab File: VX040041.D
Acq: 31 Jan 2024 12:27

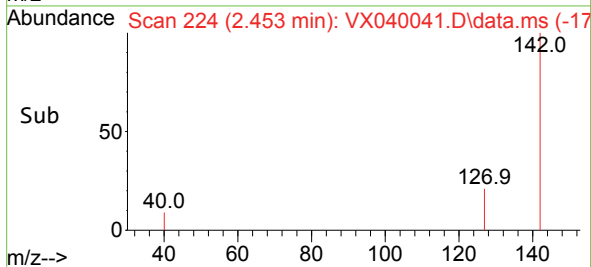
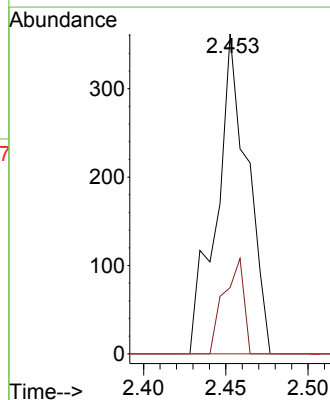
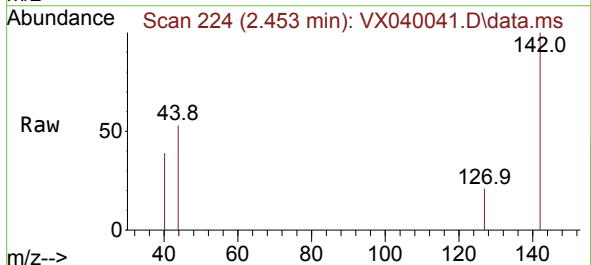
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2024

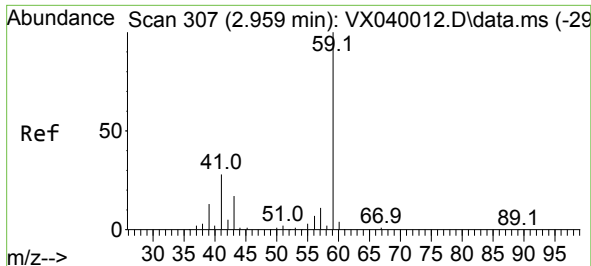
Tgt Ion:101 Resp: 366
Ion Ratio Lower Upper
101 100
85 59.6 37.0 55.6#
151 97.5 58.6 87.8#



#10
Methyl Iodide
Concen: 0.396 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX040041.D
Acq: 31 Jan 2024 12:27

Tgt Ion:142 Resp: 474
Ion Ratio Lower Upper
142 100
127 19.2 41.6 62.4#
141 0.0 11.6 17.4#





#11

Tert butyl alcohol

Concen: 3.388 ug/l

RT: 2.965 min Scan# 307

Delta R.T. 0.006 min

Lab File: VX040041.D

Acq: 31 Jan 2024 12:27

Instrument :

MSVOA_X

ClientSampleId :

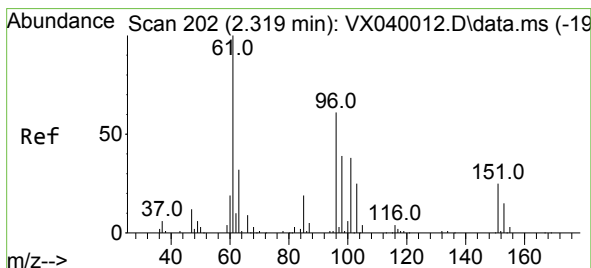
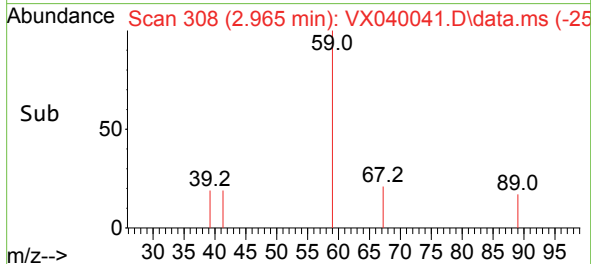
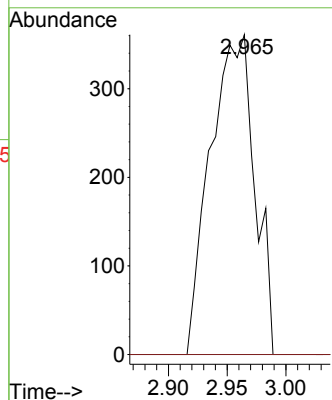
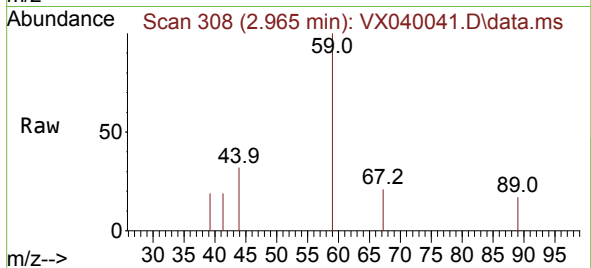
MDL-WATER-03-QT1-2024

Tgt Ion: 59 Resp: 948

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#12

1,1-Dichloroethene

Concen: 0.499 ug/l

RT: 2.318 min Scan# 202

Delta R.T. -0.000 min

Lab File: VX040041.D

Acq: 31 Jan 2024 12:27

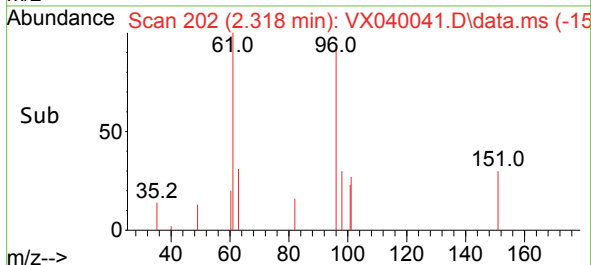
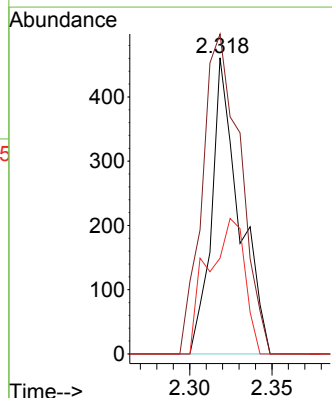
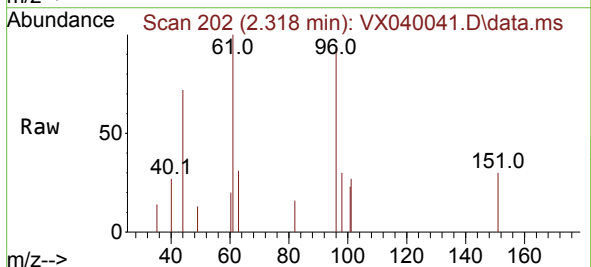
Tgt Ion: 96 Resp: 538

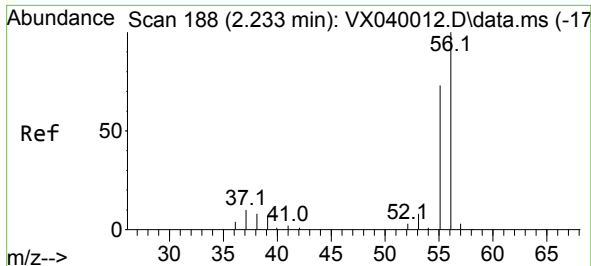
Ion Ratio Lower Upper

96 100

61 108.0 144.6 216.8#

98 32.3 50.4 75.6#





#13

Acrolein

Concen: 1.738 ug/l

RT: 2.233 min Scan# 188

Delta R.T. -0.000 min

Lab File: VX040041.D

Acq: 31 Jan 2024 12:27

Instrument :

MSVOA_X

ClientSampleId :

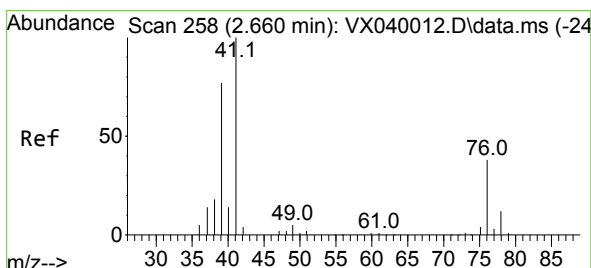
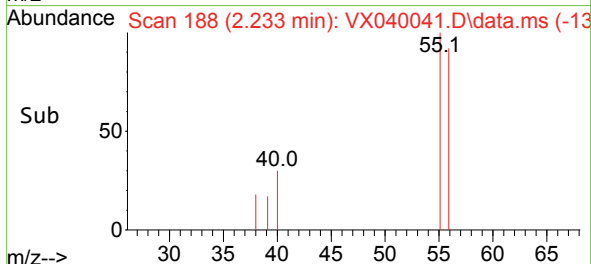
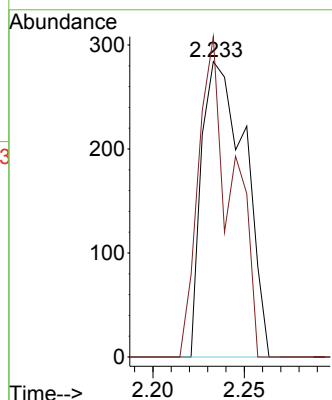
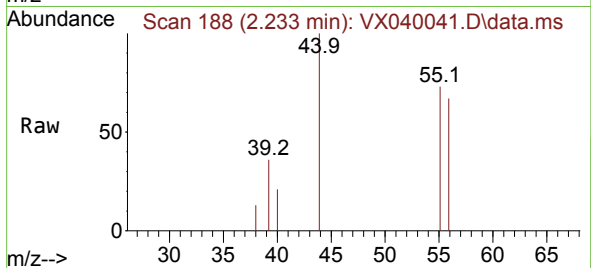
MDL-WATER-03-QT1-2024

Tgt Ion: 56 Resp: 466

Ion Ratio Lower Upper

56 100

55 85.8 57.1 85.7#



#14

Allyl chloride

Concen: 0.383 ug/l

RT: 2.660 min Scan# 258

Delta R.T. -0.000 min

Lab File: VX040041.D

Acq: 31 Jan 2024 12:27

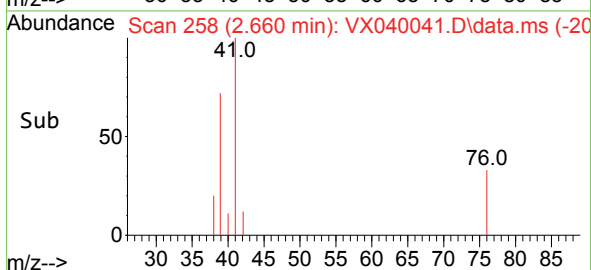
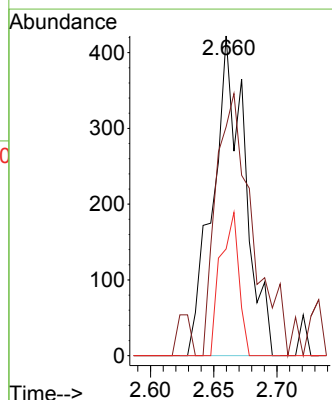
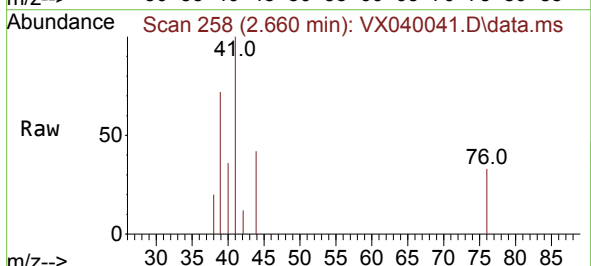
Tgt Ion: 41 Resp: 744

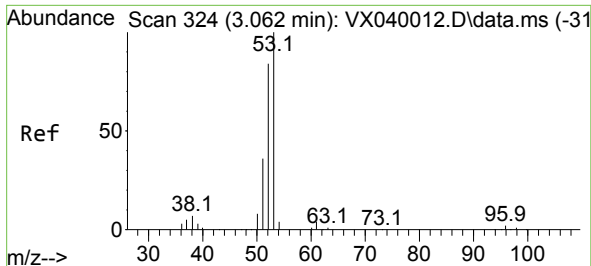
Ion Ratio Lower Upper

41 100

39 94.8 55.8 83.6#

76 25.7 24.3 36.5





#15

Acrylonitrile

Concen: 1.769 ug/l

RT: 3.074 min Scan# 31

Delta R.T. 0.012 min

Lab File: VX040041.D

Acq: 31 Jan 2024 12:27

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT1-2024

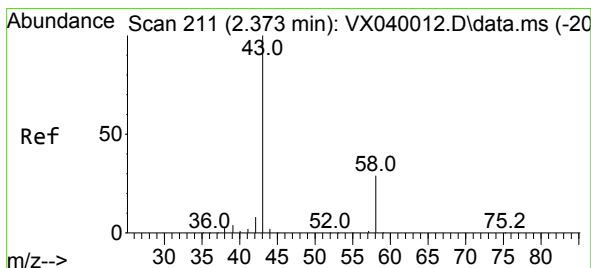
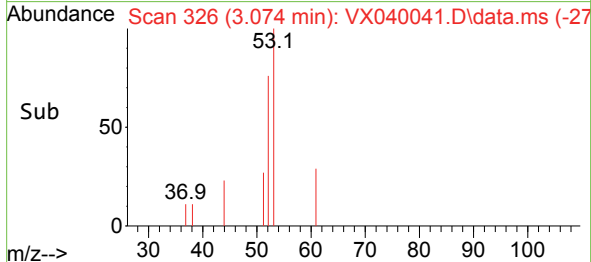
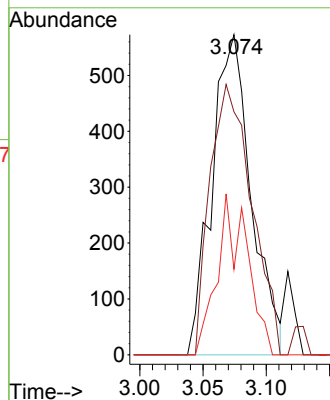
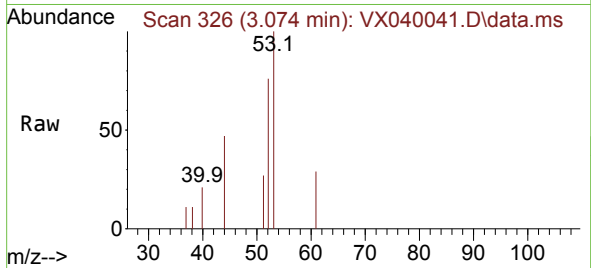
Tgt Ion: 53 Resp: 1240

Ion Ratio Lower Upper

53 100

52 89.8 66.0 99.0

51 38.4 29.8 44.6



#16

Acetone

Concen: 2.267 ug/l

RT: 2.373 min Scan# 211

Delta R.T. -0.000 min

Lab File: VX040041.D

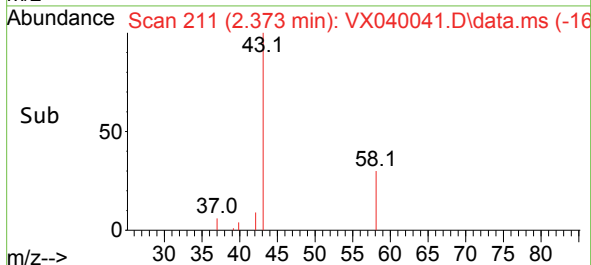
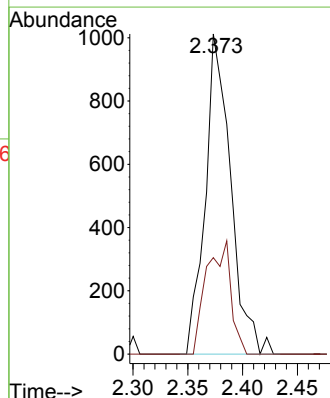
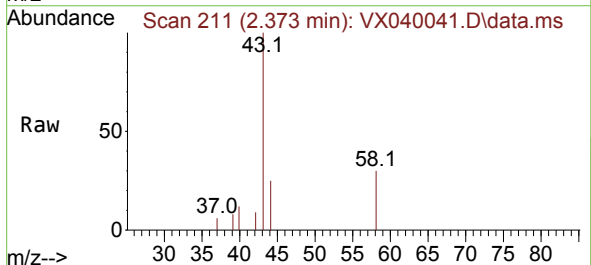
Acq: 31 Jan 2024 12:27

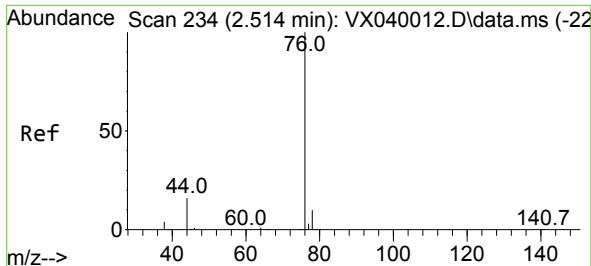
Tgt Ion: 43 Resp: 1638

Ion Ratio Lower Upper

43 100

58 30.1 21.9 32.9





#17

Carbon Disulfide

Concen: 0.437 ug/l

RT: 2.514 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX040041.D

Acq: 31 Jan 2024 12:27

Instrument :

MSVOA_X

ClientSampleId :

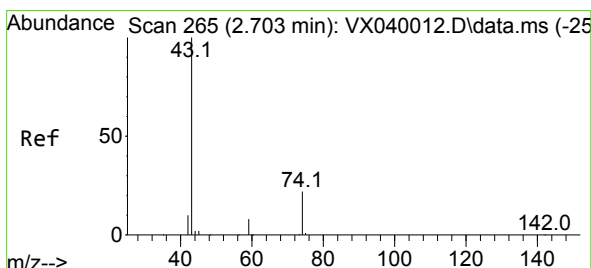
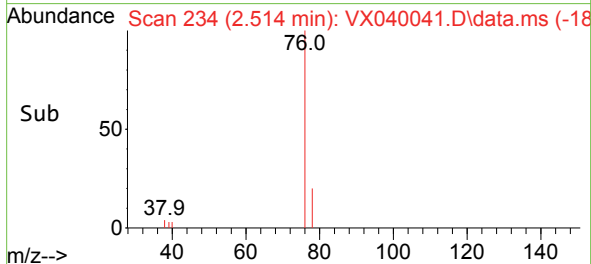
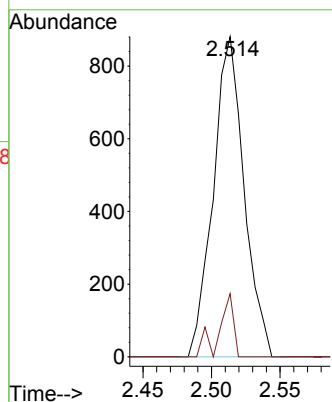
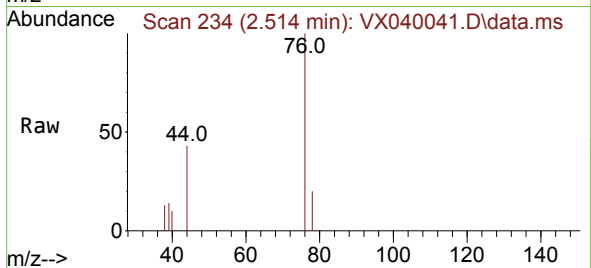
MDL-WATER-03-QT1-2024

Tgt Ion: 76 Resp: 1378

Ion Ratio Lower Upper

76 100

78 19.8 7.0 10.6#



#18

Methyl Acetate

Concen: 0.417 ug/l

RT: 2.702 min Scan# 265

Delta R.T. -0.000 min

Lab File: VX040041.D

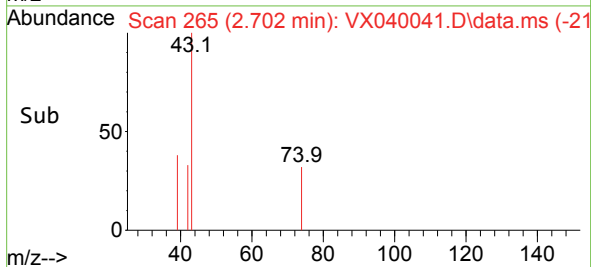
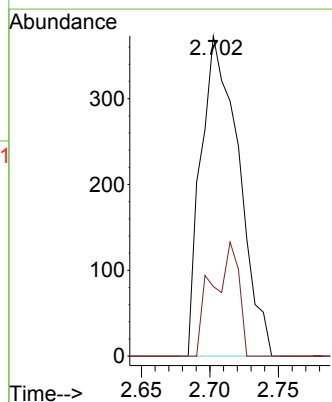
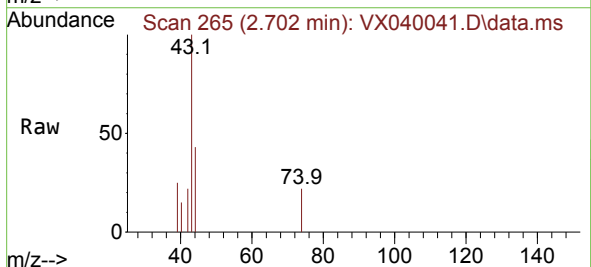
Acq: 31 Jan 2024 12:27

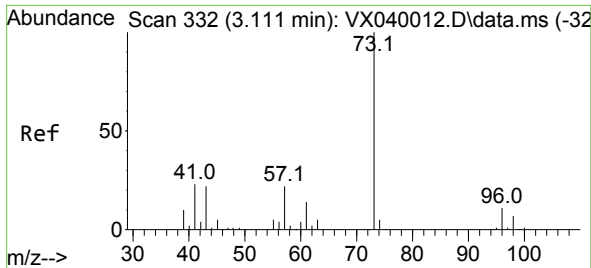
Tgt Ion: 43 Resp: 714

Ion Ratio Lower Upper

43 100

74 24.8 17.8 26.8

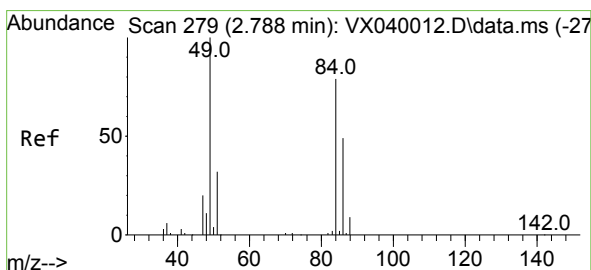
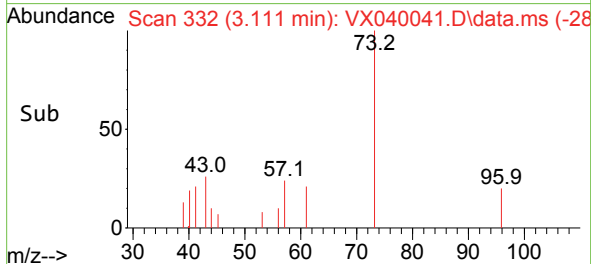
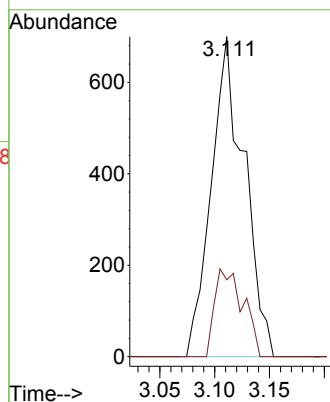
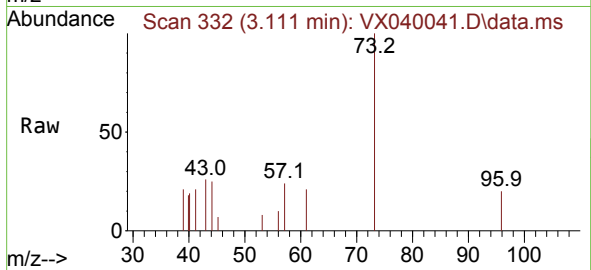




#19
Methyl tert-butyl Ether
Concen: 0.396 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX040041.D
Acq: 31 Jan 2024 12:27

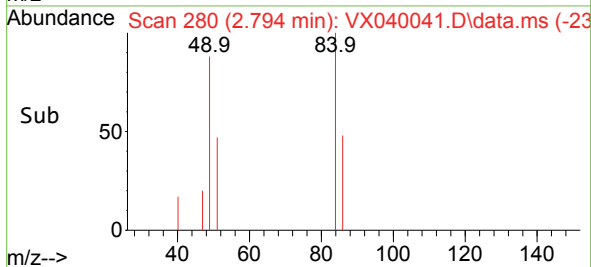
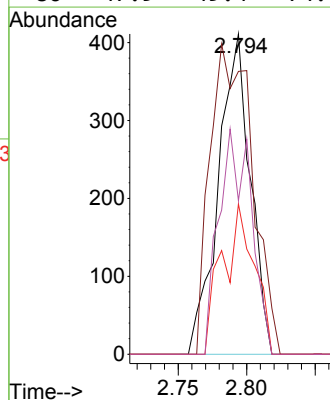
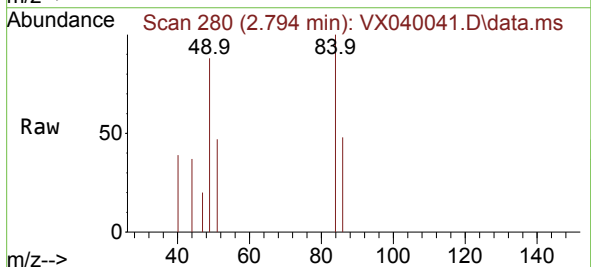
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2024

Tgt Ion: 73 Resp: 1464
Ion Ratio Lower Upper
73 100
57 24.0 17.3 25.9



#20
Methylene Chloride
Concen: 0.519 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX040041.D
Acq: 31 Jan 2024 12:27

Tgt Ion: 84 Resp: 666
Ion Ratio Lower Upper
84 100
49 88.3 103.6 155.4#
51 47.0 33.8 50.6
86 47.9 49.4 74.0#

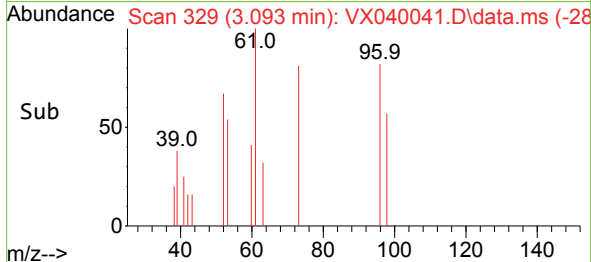
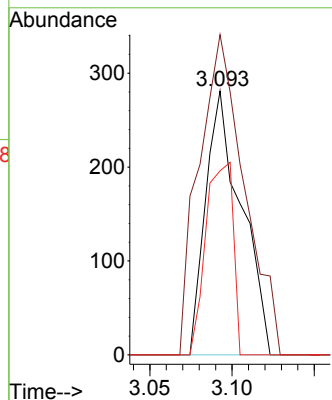
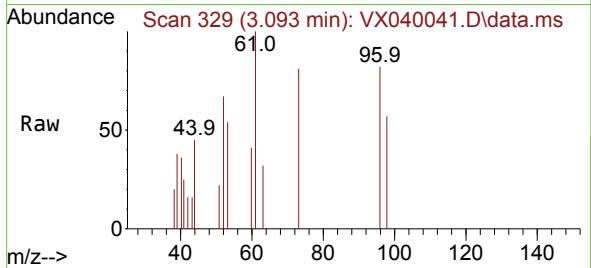




#21
trans-1,2-Dichloroethene
Concen: 0.356 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX040041.D
Acq: 31 Jan 2024 12:27

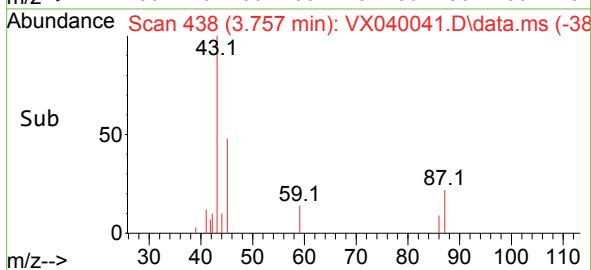
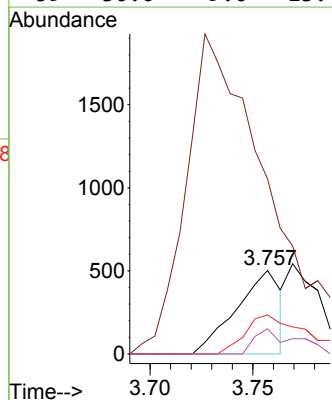
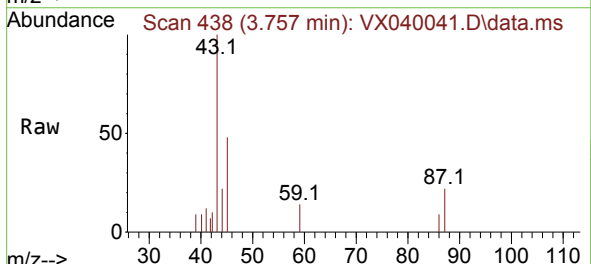
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2024

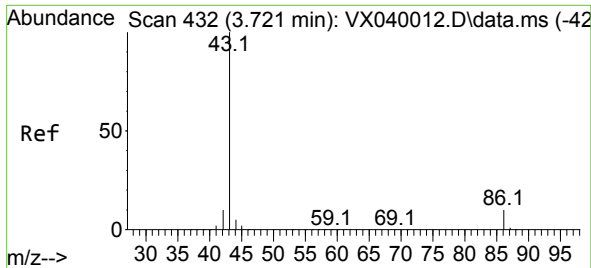
Tgt Ion: 96 Resp: 423
Ion Ratio Lower Upper
96 100
61 121.4 119.2 178.8
98 69.8 48.7 73.1



#22
Diisopropyl ether
Concen: 0.201 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.000 min
Lab File: VX040041.D
Acq: 31 Jan 2024 12:27

Tgt Ion: 45 Resp: 756
Ion Ratio Lower Upper
45 100
43 64.4 69.7 104.5#
87 46.7 20.8 31.2#
59 30.0 9.0 13.4#

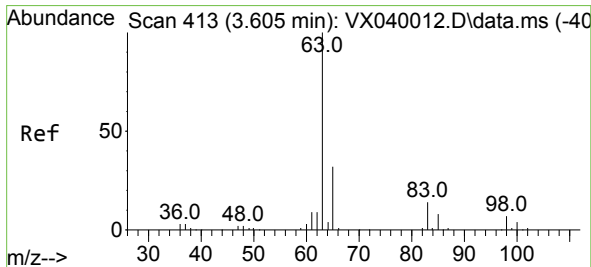
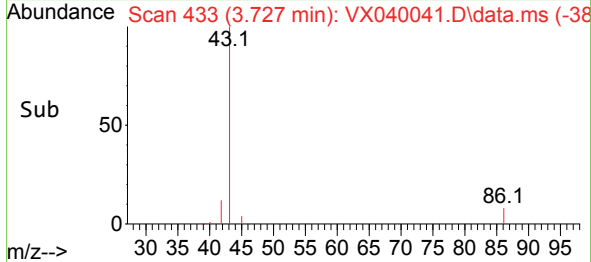
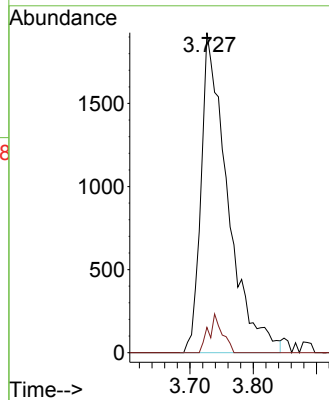
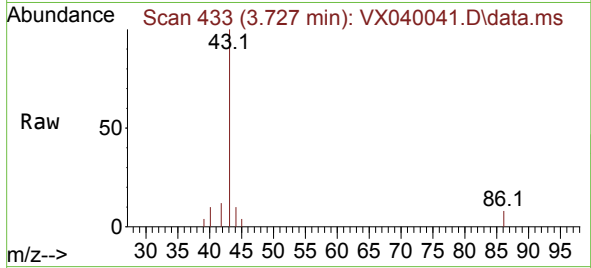




#23
 Vinyl Acetate
 Concen: 1.670 ug/l
 RT: 3.727 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: VX040041.D
 Acq: 31 Jan 2024 12:27

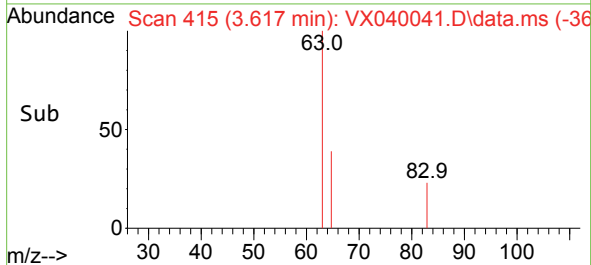
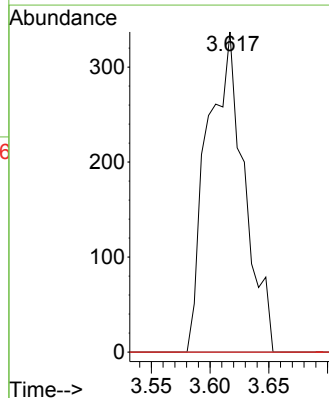
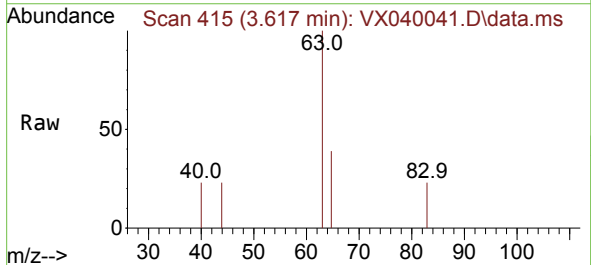
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT1-2024

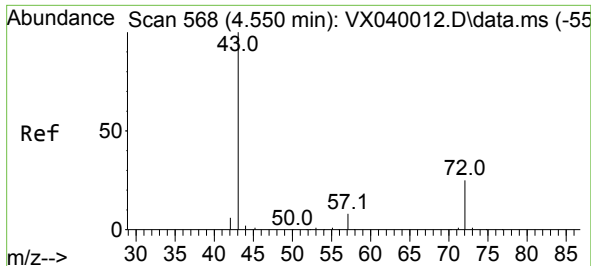
Tgt Ion: 43 Resp: 5624
 Ion Ratio Lower Upper
 43 100
 86 7.9 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 0.343 ug/l
 RT: 3.617 min Scan# 415
 Delta R.T. 0.012 min
 Lab File: VX040041.D
 Acq: 31 Jan 2024 12:27

Tgt Ion: 63 Resp: 739
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.3 9.8#
 100 0.0 2.1 6.5#





#25

2-Butanone

Concen: 2.344 ug/l

RT: 4.598 min Scan# 5

Delta R.T. 0.049 min

Lab File: VX040041.D

Acq: 31 Jan 2024 12:27

Instrument :

MSVOA_X

ClientSampleId :

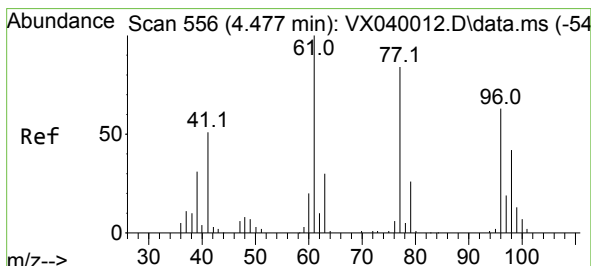
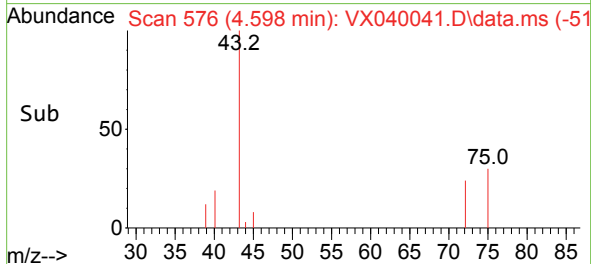
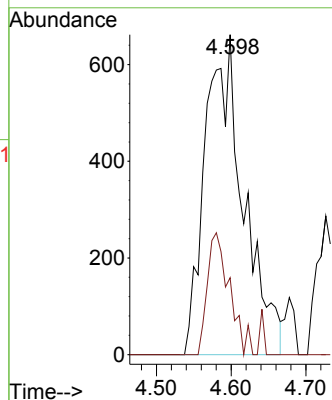
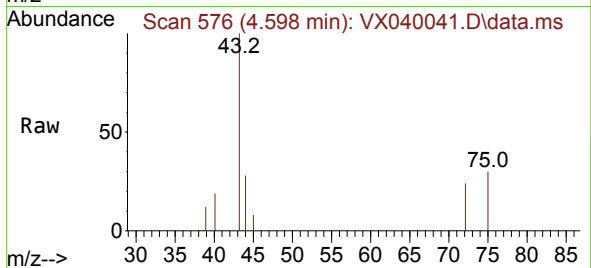
MDL-WATER-03-QT1-2024

Tgt Ion: 43 Resp: 2355

Ion Ratio Lower Upper

43 100

72 24.0 19.4 29.2



#26

2,2-Dichloropropane

Concen: 0.328 ug/l

RT: 4.470 min Scan# 555

Delta R.T. -0.006 min

Lab File: VX040041.D

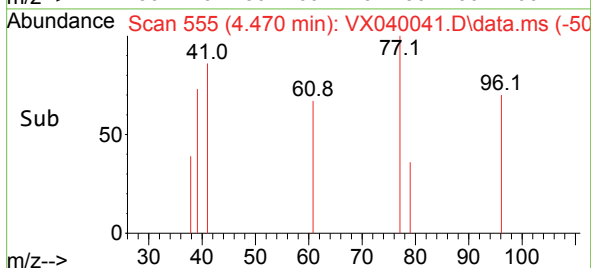
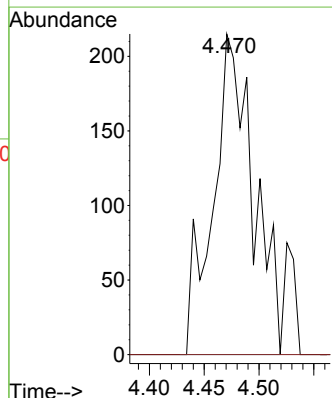
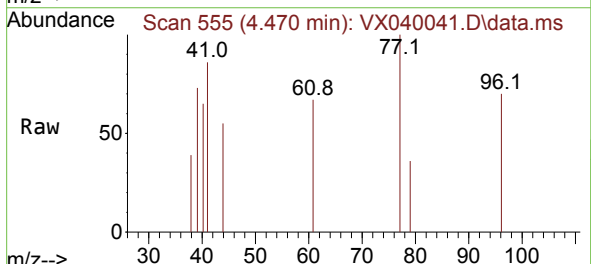
Acq: 31 Jan 2024 12:27

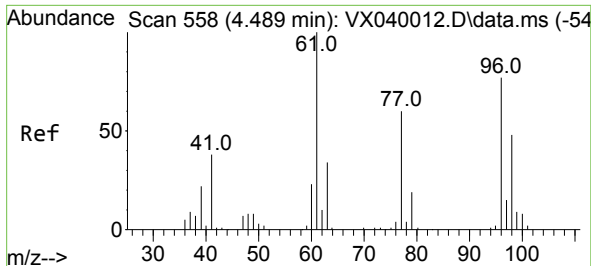
Tgt Ion: 77 Resp: 551

Ion Ratio Lower Upper

77 100

97 0.0 10.8 32.3#





#27

cis-1,2-Dichloroethene

Concen: 0.171 ug/l

RT: 4.477 min Scan# 51

Delta R.T. -0.012 min

Lab File: VX040041.D

Acq: 31 Jan 2024 12:27

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT1-2024

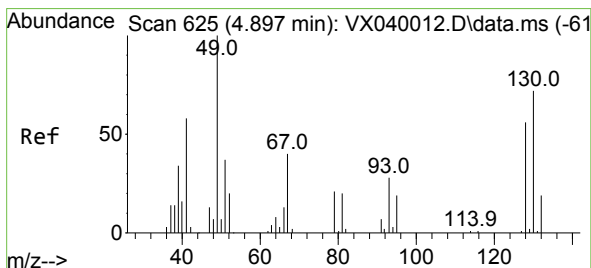
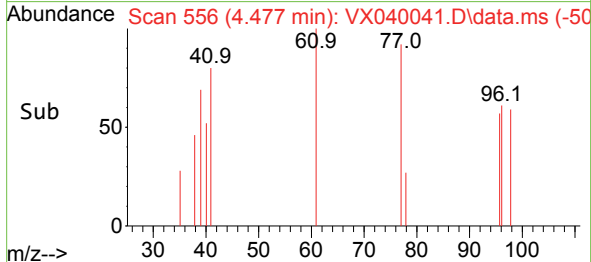
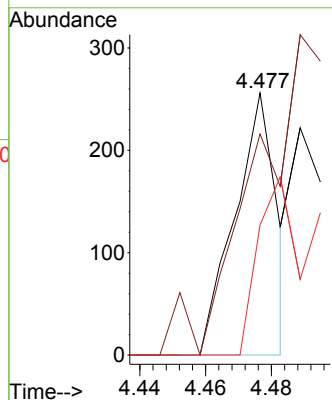
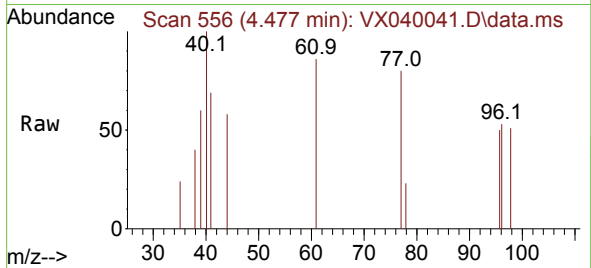
Tgt Ion: 96 Resp: 227

Ion Ratio Lower Upper

96 100

61 0.0 0.0 312.2

98 60.4 0.0 129.0



#28

Bromochloromethane

Concen: 0.307 ug/l

RT: 4.909 min Scan# 627

Delta R.T. 0.012 min

Lab File: VX040041.D

Acq: 31 Jan 2024 12:27

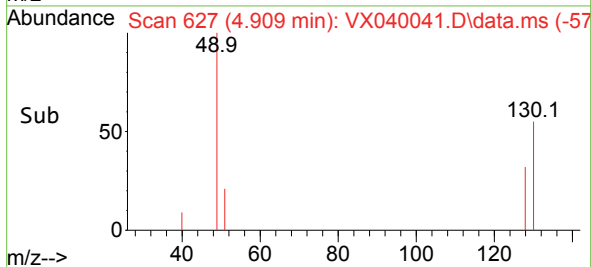
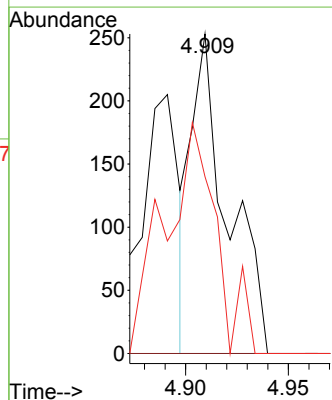
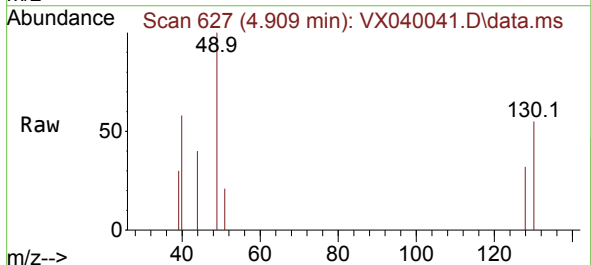
Tgt Ion: 49 Resp: 309

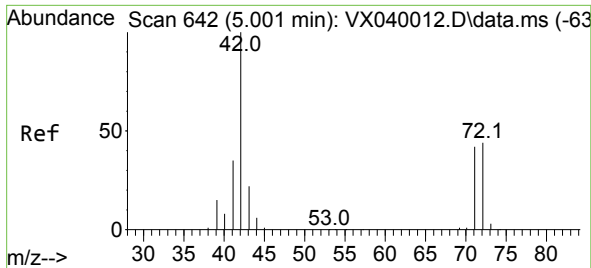
Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.8

130 103.9 57.5 86.3





#29

Tetrahydrofuran

Concen: 2.107 ug/l

RT: 5.019 min Scan# 64

Delta R.T. 0.018 min

Lab File: VX040041.D

Acq: 31 Jan 2024 12:27

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT1-2024

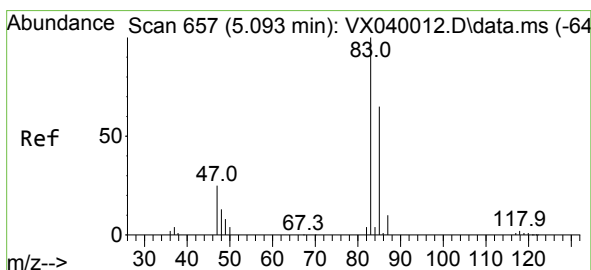
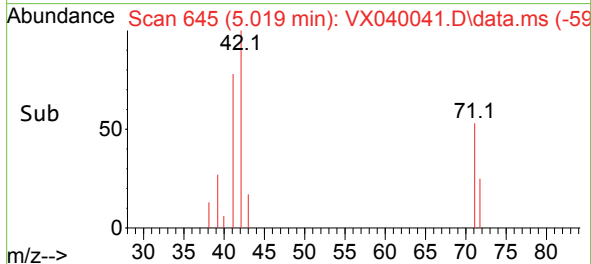
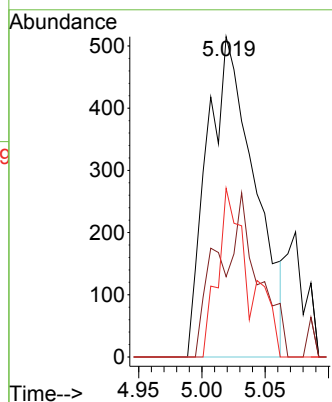
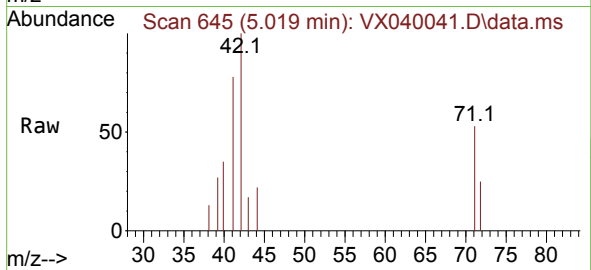
Tgt Ion: 42 Resp: 1346

Ion Ratio Lower Upper

42 100

72 42.5 34.2 51.4

71 35.3 32.2 48.2



#30

Chloroform

Concen: 0.235 ug/l

RT: 5.086 min Scan# 656

Delta R.T. -0.006 min

Lab File: VX040041.D

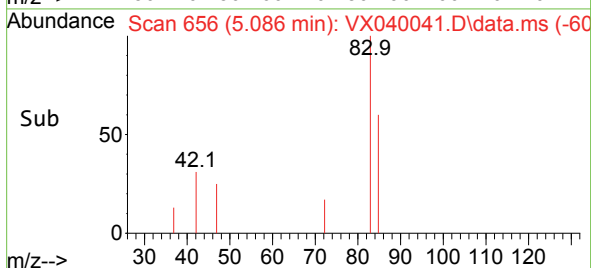
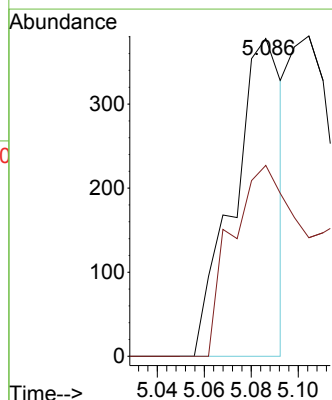
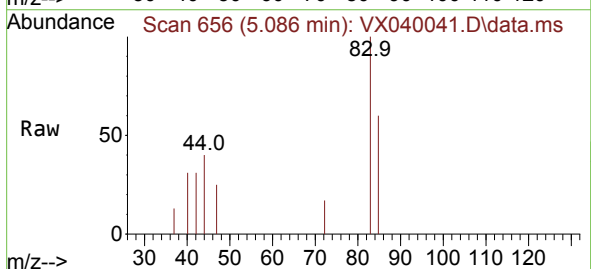
Acq: 31 Jan 2024 12:27

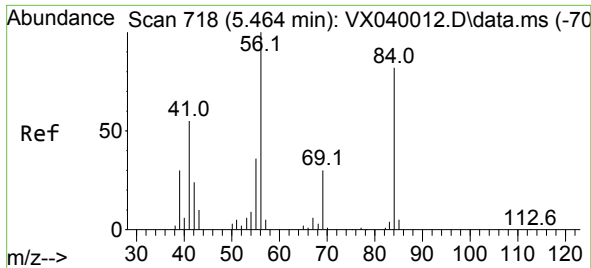
Tgt Ion: 83 Resp: 544

Ion Ratio Lower Upper

83 100

85 60.1 50.3 75.5

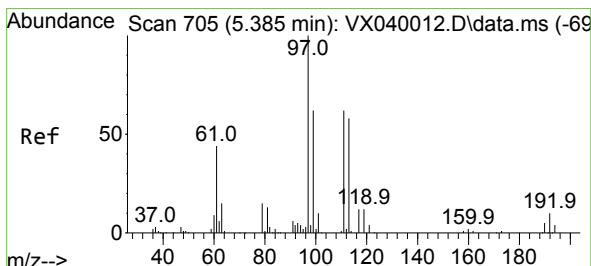
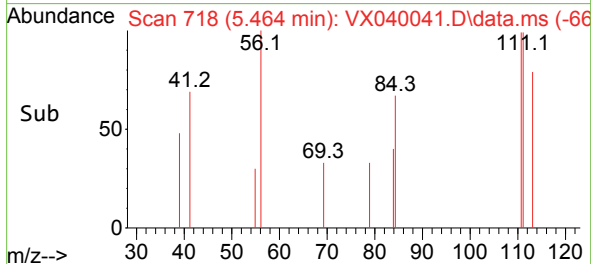
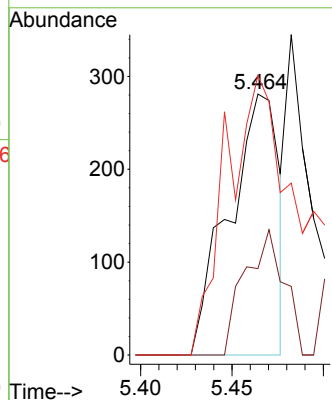
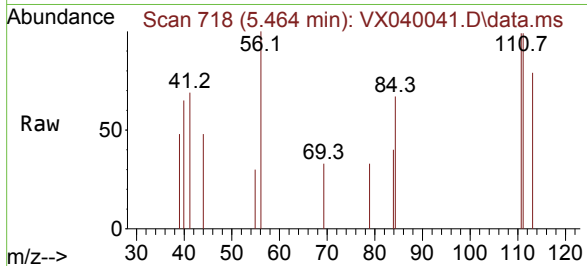




#31
Cyclohexane
Concen: 0.276 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.000 min
Lab File: VX040041.D
Acq: 31 Jan 2024 12:27

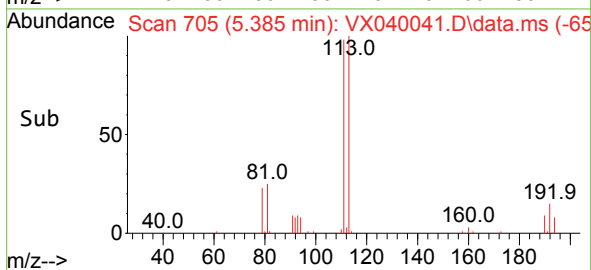
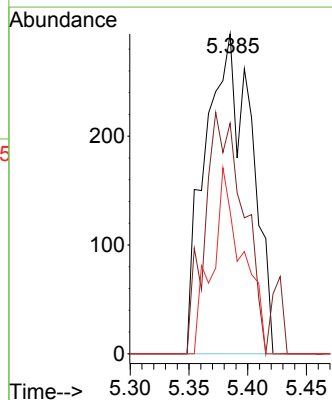
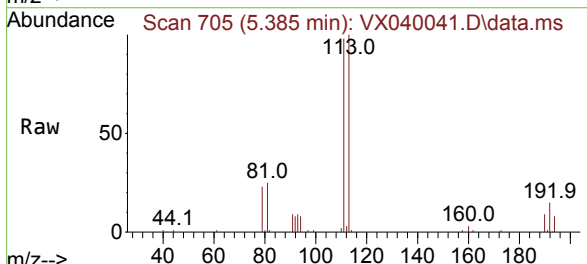
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2024

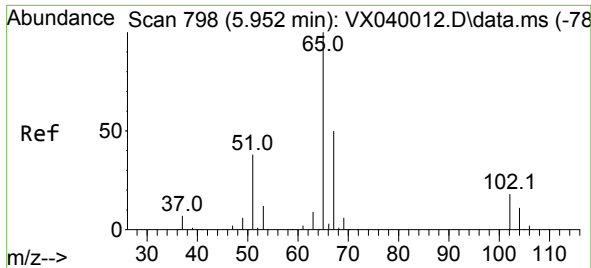
Tgt Ion: 56 Resp: 534
Ion Ratio Lower Upper
56 100
69 33.1 23.4 35.2
84 107.1 65.9 98.9#



#32
1,1,1-Trichloroethane
Concen: 0.403 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX040041.D
Acq: 31 Jan 2024 12:27

Tgt Ion: 97 Resp: 801
Ion Ratio Lower Upper
97 100
99 0.0 51.1 76.7#
61 38.6 36.4 54.6

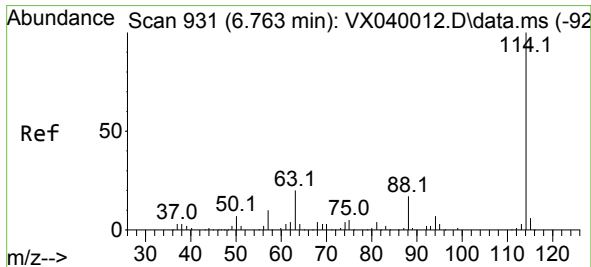
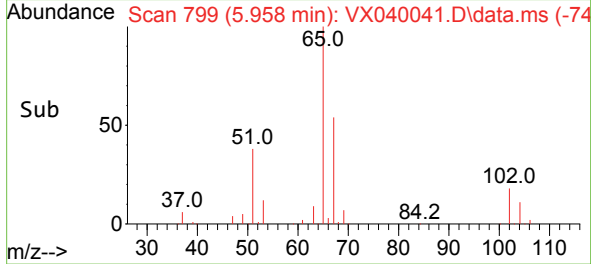
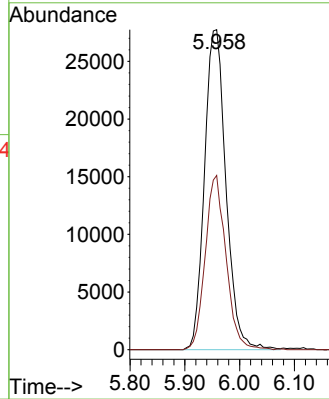
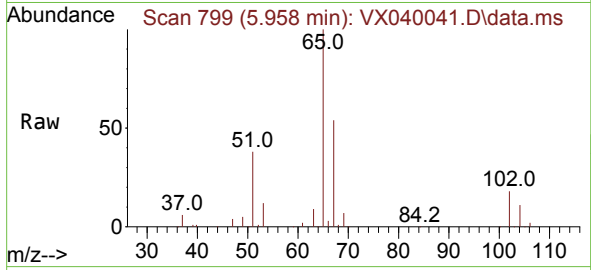




#33
1,2-Dichloroethane-d4
Concen: 48.954 ug/l
RT: 5.958 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX040041.D
Acq: 31 Jan 2024 12:27

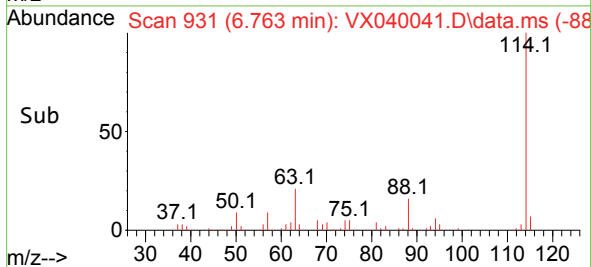
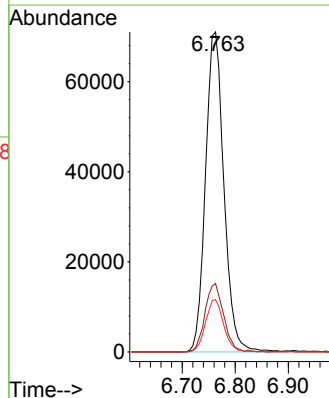
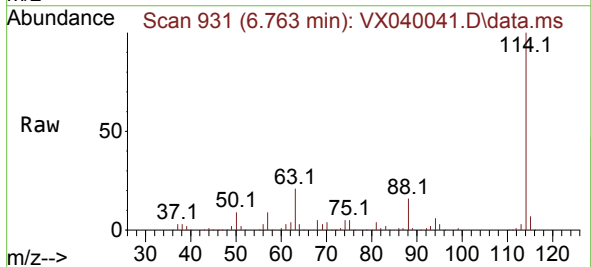
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2024

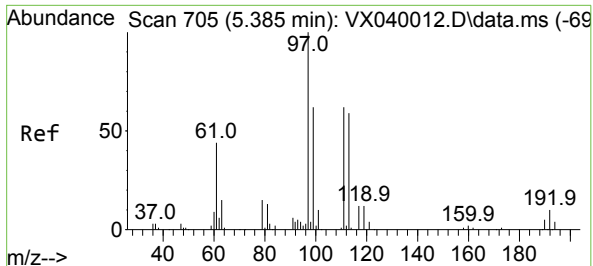
Tgt Ion: 65 Resp: 75503
Ion Ratio Lower Upper
65 100
67 52.6 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX040041.D
Acq: 31 Jan 2024 12:27

Tgt Ion: 114 Resp: 171355
Ion Ratio Lower Upper
114 100
63 21.4 0.0 45.0
88 16.4 0.0 36.6





#35

Dibromofluoromethane

Concen: 48.666 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX040041.D

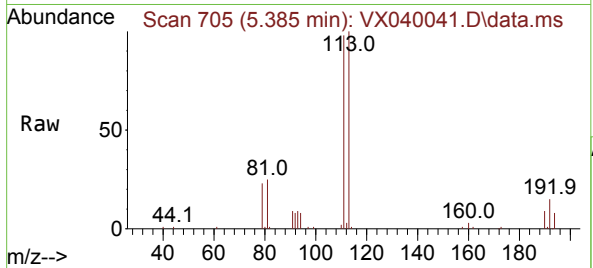
Acq: 31 Jan 2024 12:27

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT1-2024



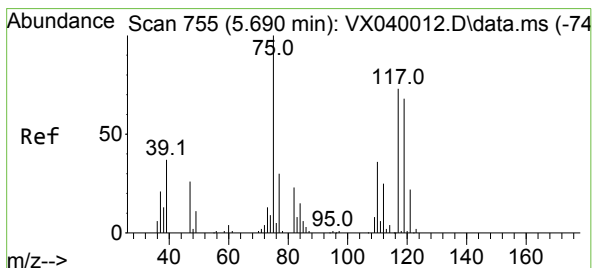
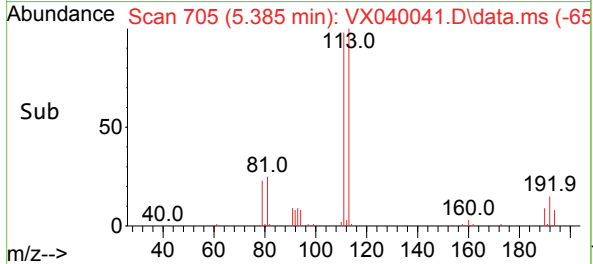
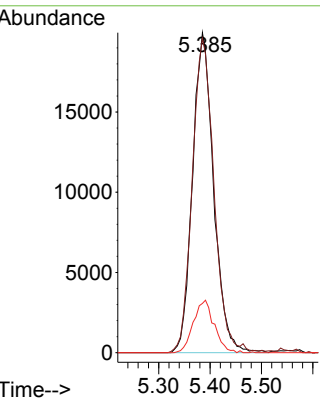
Tgt Ion:113 Resp: 56767

Ion Ratio Lower Upper

113 100

111 101.2 82.9 124.3

192 16.2 13.3 19.9



#36

1,1-Dichloropropene

Concen: 0.572 ug/l

RT: 5.708 min Scan# 758

Delta R.T. 0.018 min

Lab File: VX040041.D

Acq: 31 Jan 2024 12:27

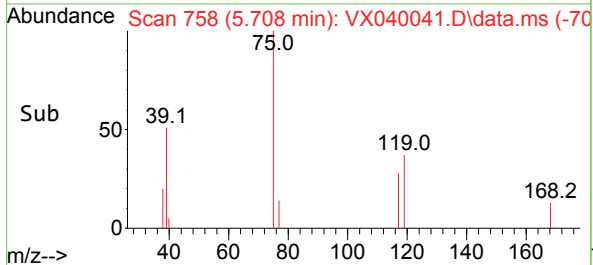
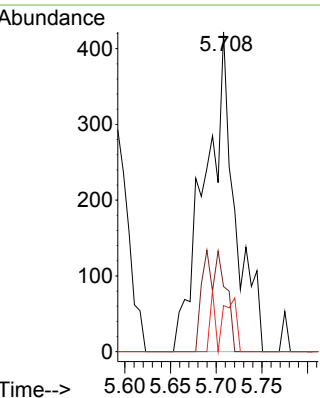
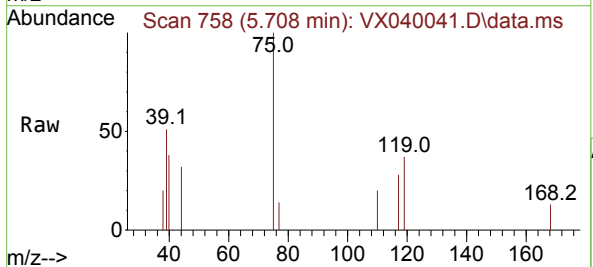
Tgt Ion: 75 Resp: 965

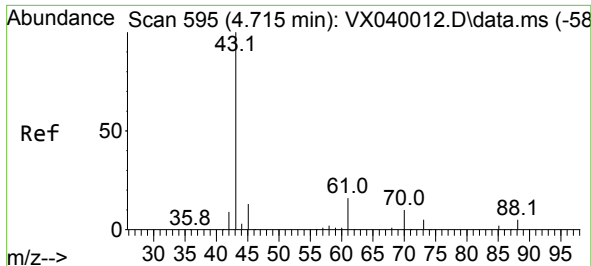
Ion Ratio Lower Upper

75 100

110 0.0 17.0 50.9#

77 7.3 24.7 37.1#





#37

Ethyl Acetate

Concen: 0.555 ug/l

RT: 4.745 min Scan# 600

Delta R.T. 0.030 min

Lab File: VX040041.D

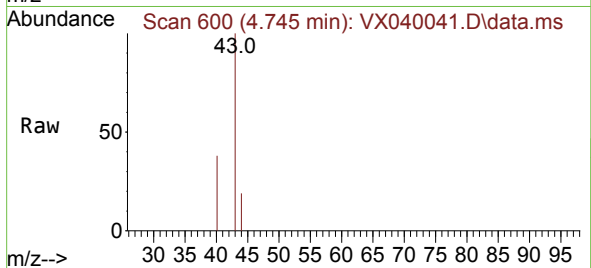
Acq: 31 Jan 2024 12:27

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT1-2024



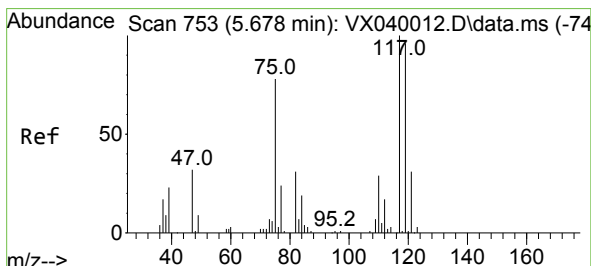
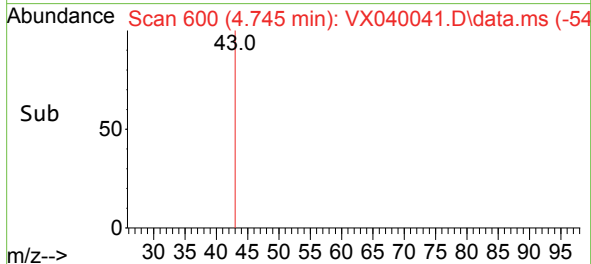
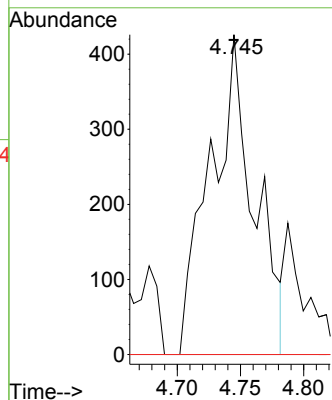
Tgt Ion: 43 Resp: 1023

Ion Ratio Lower Upper

43 100

61 0.0 10.6 16.0#

70 0.0 8.3 12.5#



#38

Carbon Tetrachloride

Concen: 0.397 ug/l

RT: 5.678 min Scan# 753

Delta R.T. -0.000 min

Lab File: VX040041.D

Acq: 31 Jan 2024 12:27

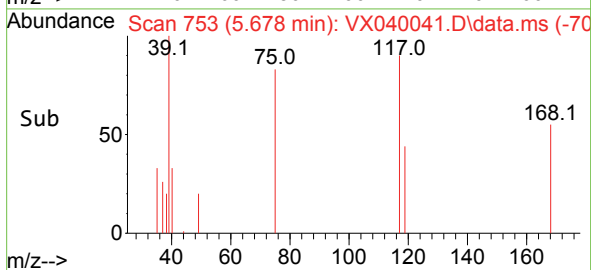
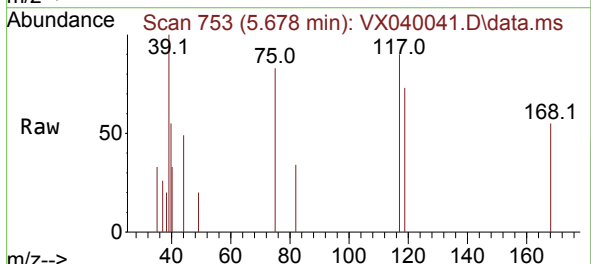
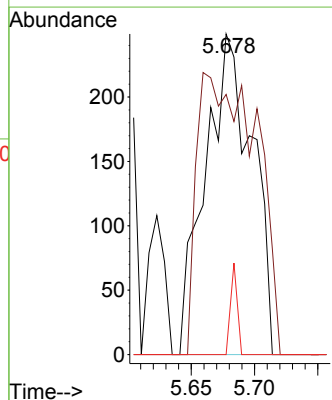
Tgt Ion: 117 Resp: 641

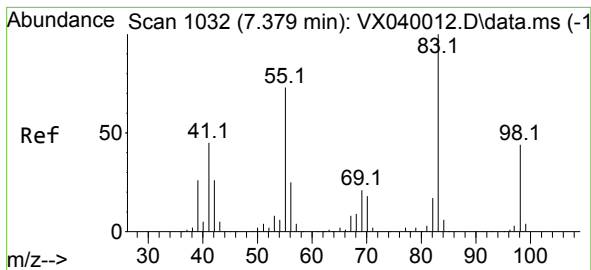
Ion Ratio Lower Upper

117 100

119 81.1 78.2 117.2

121 0.0 24.4 36.6#





#39

Methylcyclohexane

Concen: 0.502 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. 0.006 min

Lab File: VX040041.D

Acq: 31 Jan 2024 12:27

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT1-2024

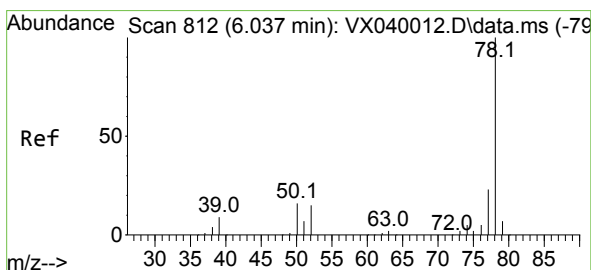
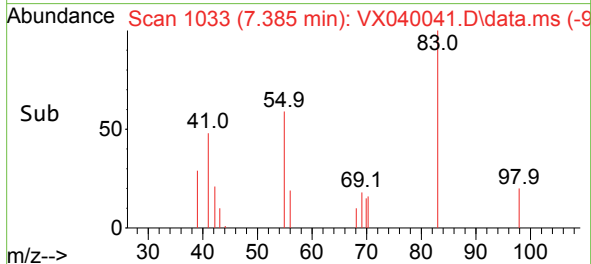
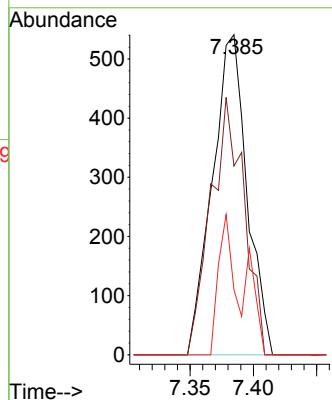
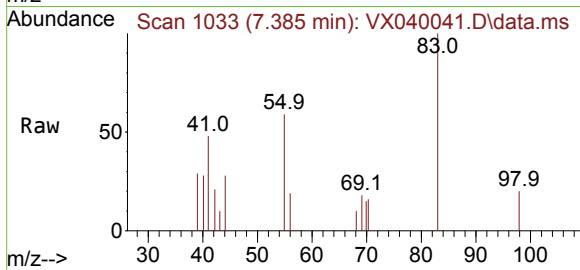
Tgt Ion: 83 Resp: 1031

Ion Ratio Lower Upper

83 100

55 59.0 64.6 97.0#

98 20.3 36.7 55.1#



#40

Benzene

Concen: 0.442 ug/l

RT: 6.049 min Scan# 814

Delta R.T. 0.012 min

Lab File: VX040041.D

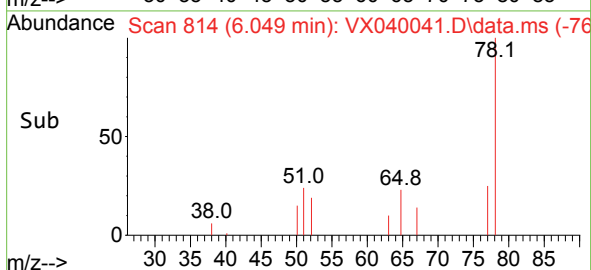
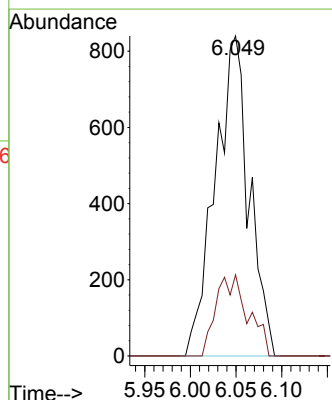
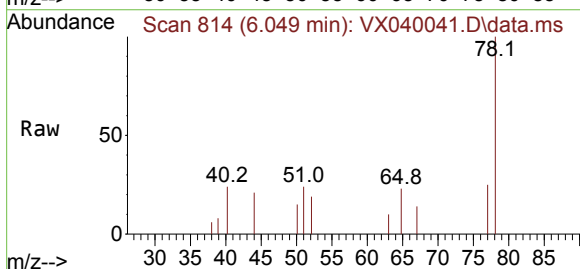
Acq: 31 Jan 2024 12:27

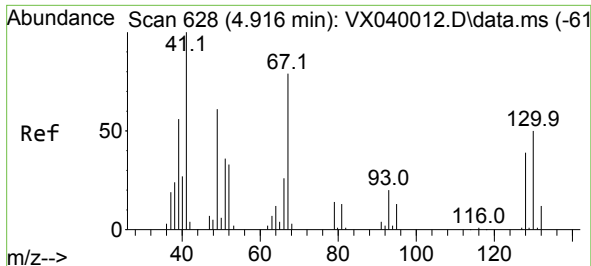
Tgt Ion: 78 Resp: 2171

Ion Ratio Lower Upper

78 100

77 25.4 19.3 28.9



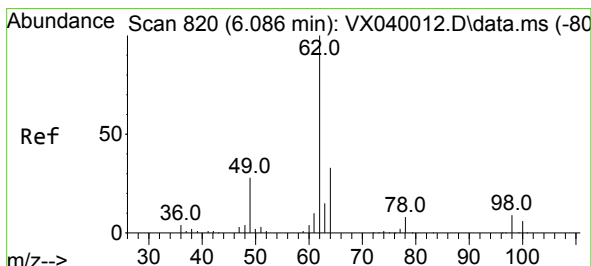
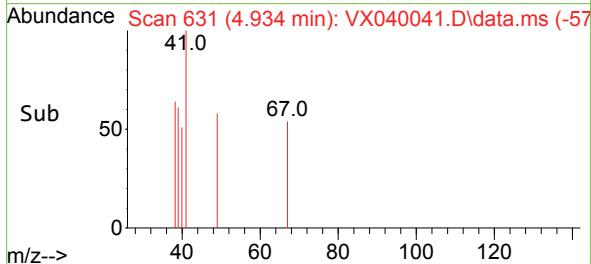
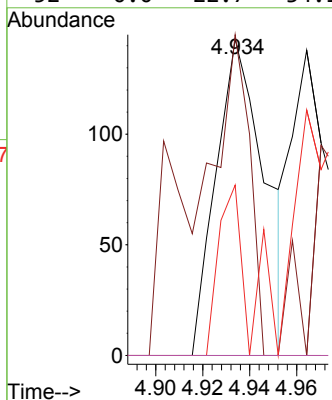
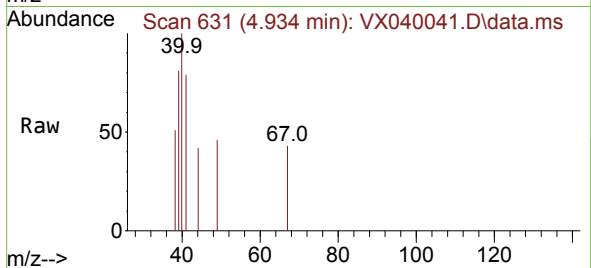


#41
Methacrylonitrile
Concen: 0.220 ug/l
RT: 4.934 min Scan# 61
Delta R.T. 0.018 min
Lab File: VX040041.D
Acq: 31 Jan 2024 12:27

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2024

Tgt Ion: 41 Resp: 206

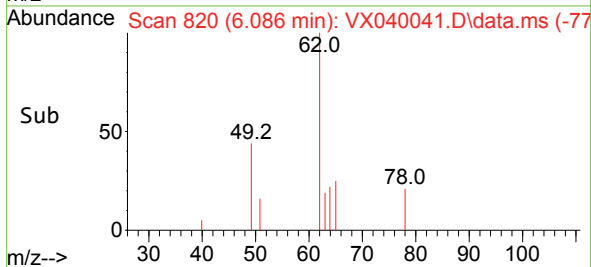
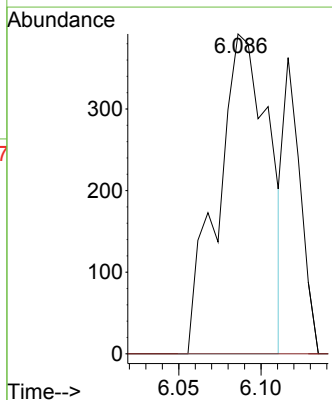
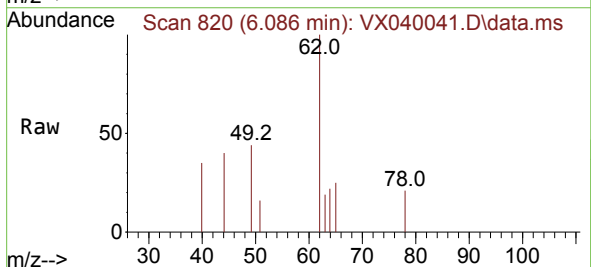
Ion	Ratio	Lower	Upper
41	100		
39	74.3	45.2	67.8#
67	24.3	52.6	78.8#
52	0.0	22.7	34.1#



#42
1,2-Dichloroethane
Concen: 0.447 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.000 min
Lab File: VX040041.D
Acq: 31 Jan 2024 12:27

Tgt Ion: 62 Resp: 846

Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	16.0





#43

Isopropyl Acetate

Concen: 0.445 ug/l

RT: 6.360 min Scan# 8

Delta R.T. 0.024 min

Lab File: VX040041.D

Acq: 31 Jan 2024 12:27

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT1-2024

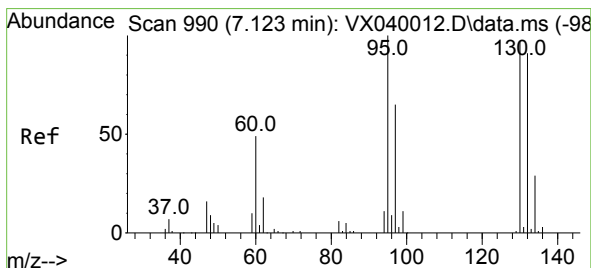
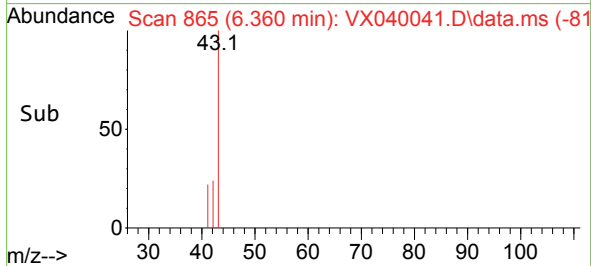
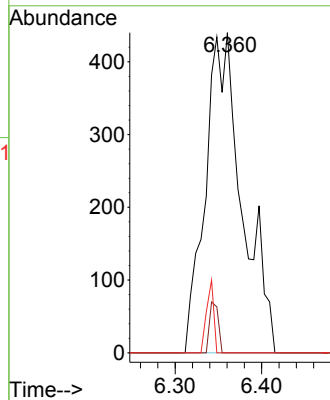
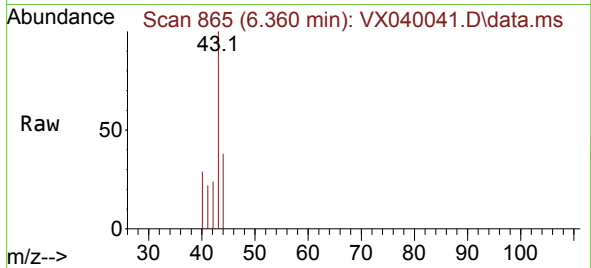
Tgt Ion: 43 Resp: 1293

Ion Ratio Lower Upper

43 100

61 3.8 15.2 22.8#

87 4.4 9.8 14.6#



#44

Trichloroethene

Concen: 0.488 ug/l

RT: 7.122 min Scan# 990

Delta R.T. -0.000 min

Lab File: VX040041.D

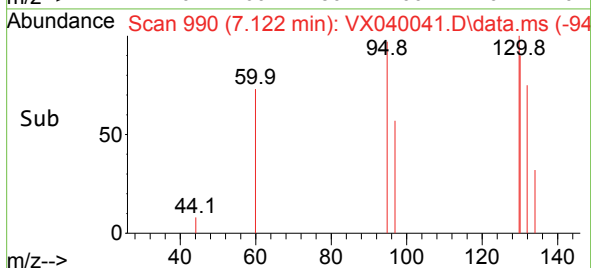
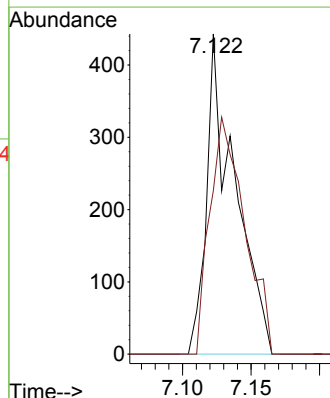
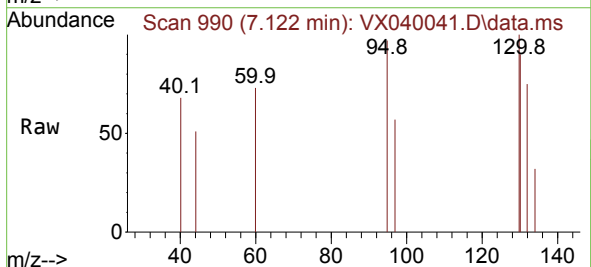
Acq: 31 Jan 2024 12:27

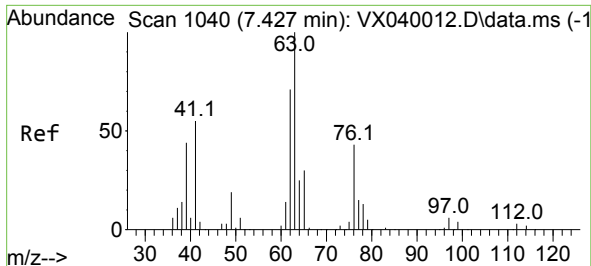
Tgt Ion:130 Resp: 631

Ion Ratio Lower Upper

130 100

95 51.0 0.0 204.4

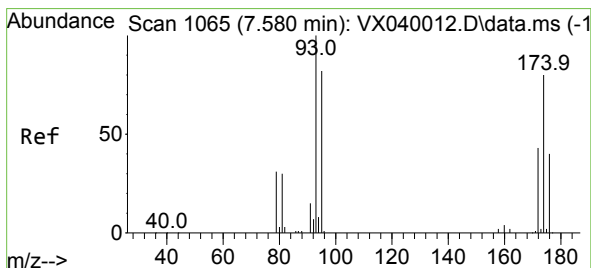
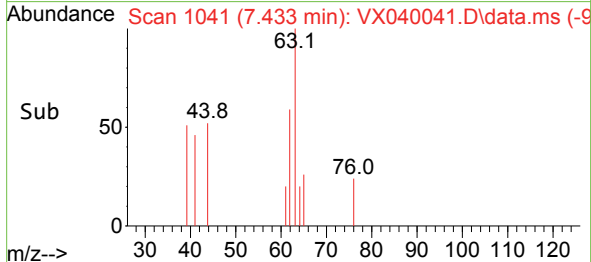
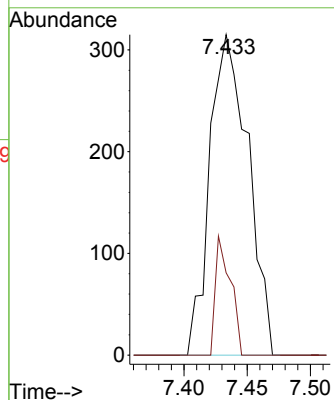
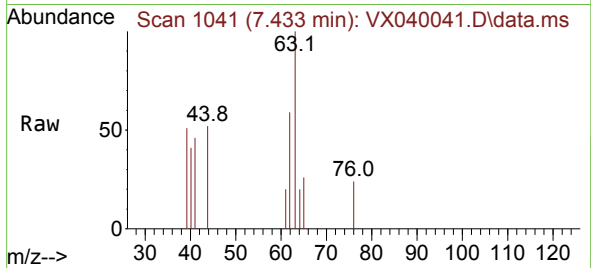




#45
1,2-Dichloropropane
Concen: 0.512 ug/l
RT: 7.433 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VX040041.D
Acq: 31 Jan 2024 12:27

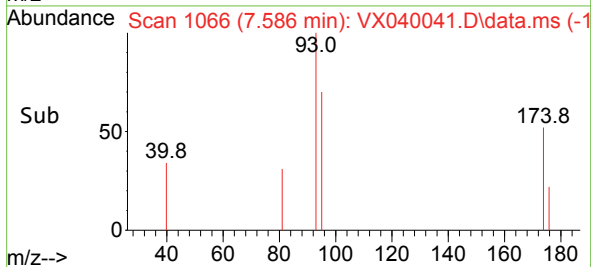
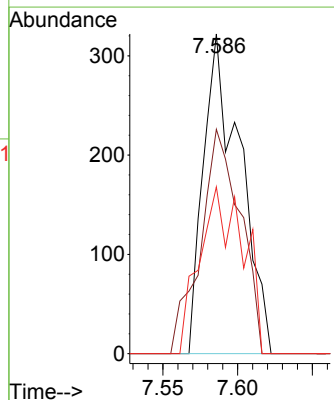
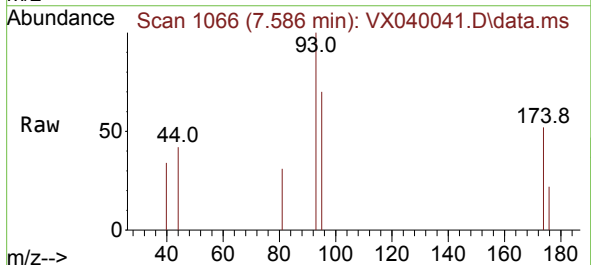
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2024

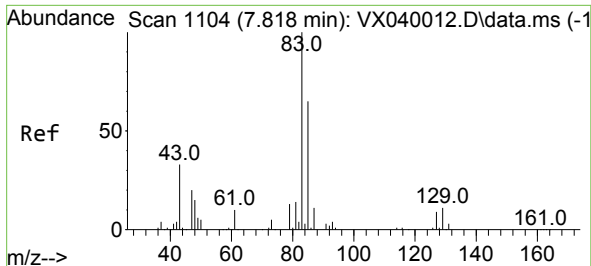
Tgt Ion: 63 Resp: 664
Ion Ratio Lower Upper
63 100
65 25.7 24.3 36.5



#46
Dibromomethane
Concen: 0.563 ug/l
RT: 7.586 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VX040041.D
Acq: 31 Jan 2024 12:27

Tgt Ion: 93 Resp: 548
Ion Ratio Lower Upper
93 100
95 76.6 66.6 100.0
174 62.2 69.4 104.0#

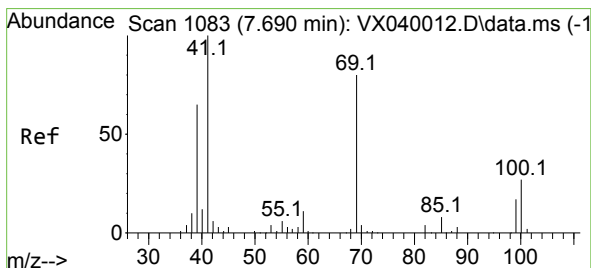
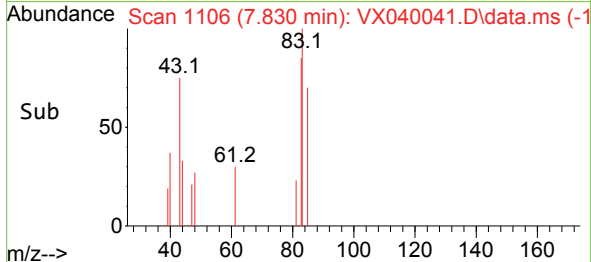
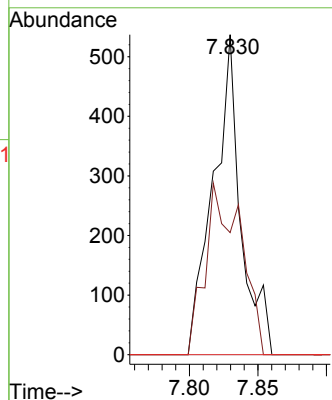
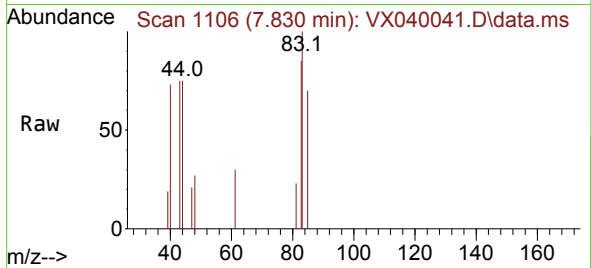




#47
Bromodichloromethane
Concen: 0.431 ug/l
RT: 7.830 min Scan# 1106
Delta R.T. 0.012 min
Lab File: VX040041.D
Acq: 31 Jan 2024 12:27

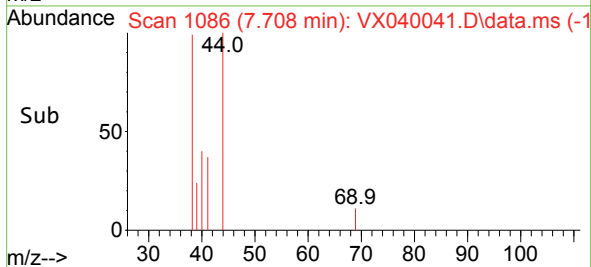
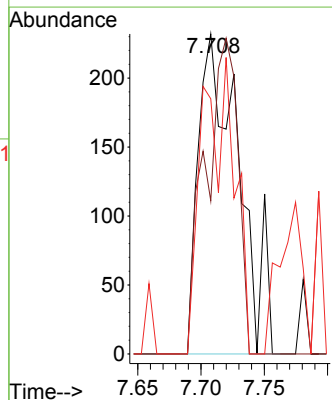
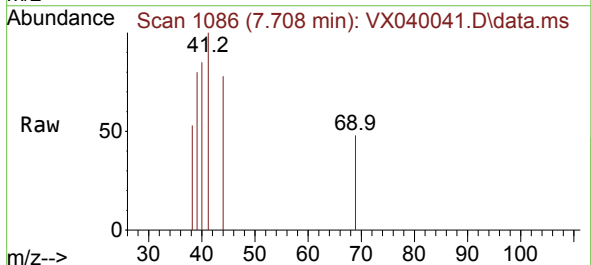
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2024

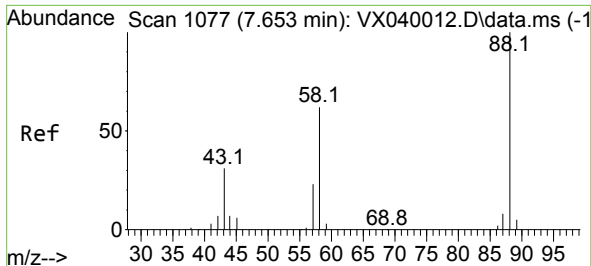
Tgt Ion: 83 Resp: 748
Ion Ratio Lower Upper
83 100
85 38.2 49.8 74.6#
127 0.0 7.1 10.7#



#48
Methyl methacrylate
Concen: 0.361 ug/l
RT: 7.708 min Scan# 1086
Delta R.T. 0.018 min
Lab File: VX040041.D
Acq: 31 Jan 2024 12:27

Tgt Ion: 41 Resp: 516
Ion Ratio Lower Upper
41 100
69 79.1 59.2 88.8
39 41.7 47.7 71.5#

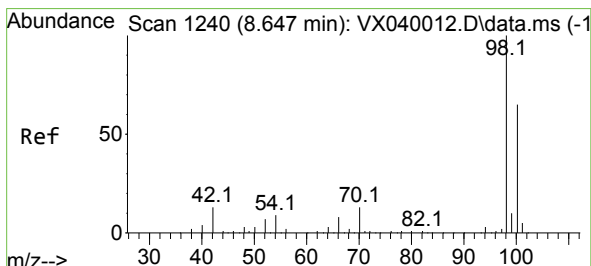
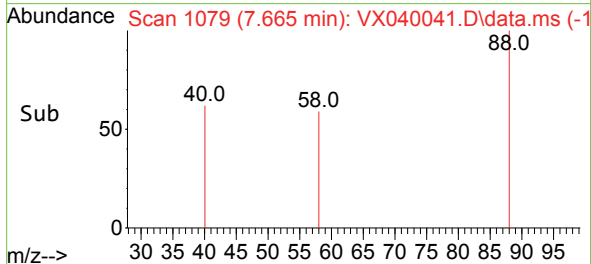
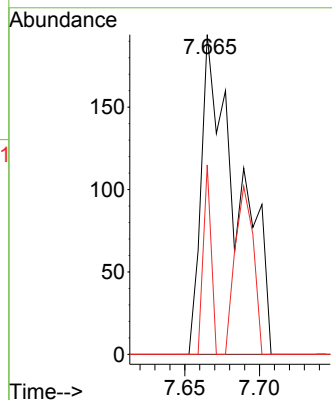
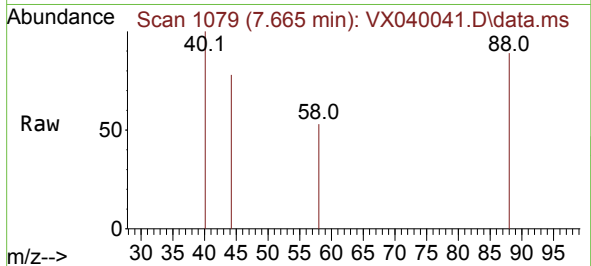




#49
1,4-Dioxane
Concen: 10.514 ug/l
RT: 7.665 min Scan# 1079
Delta R.T. 0.012 min
Lab File: VX040041.D
Acq: 31 Jan 2024 12:27

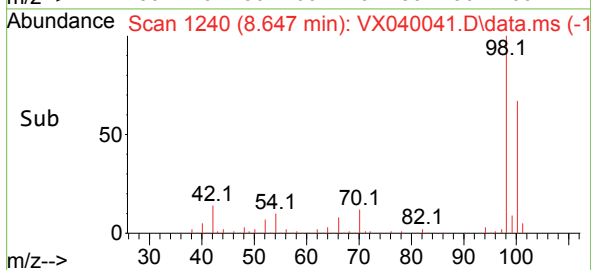
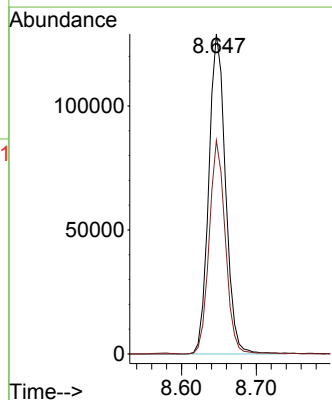
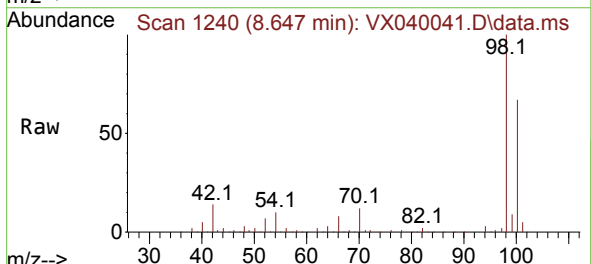
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2024

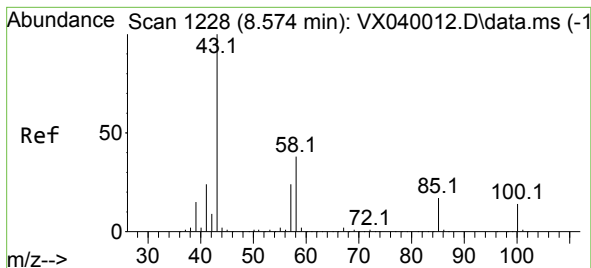
Tgt Ion: 88 Resp: 327
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 12.8 60.1 90.1#



#50
Toluene-d8
Concen: 45.945 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX040041.D
Acq: 31 Jan 2024 12:27

Tgt Ion: 98 Resp: 200426
Ion Ratio Lower Upper
98 100
100 64.4 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 2.223 ug/l

RT: 8.573 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX040041.D

Acq: 31 Jan 2024 12:27

Instrument :

MSVOA_X

ClientSampleId :

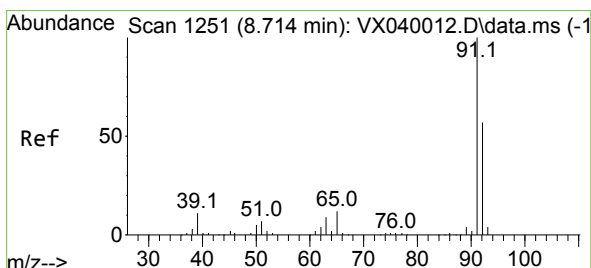
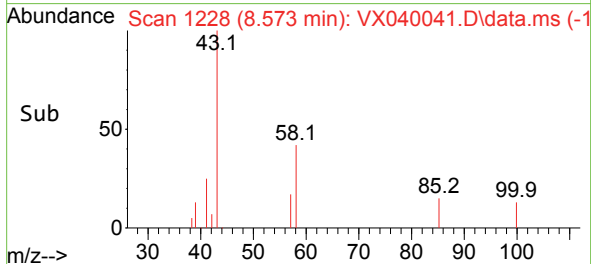
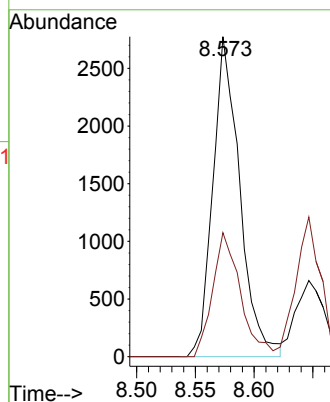
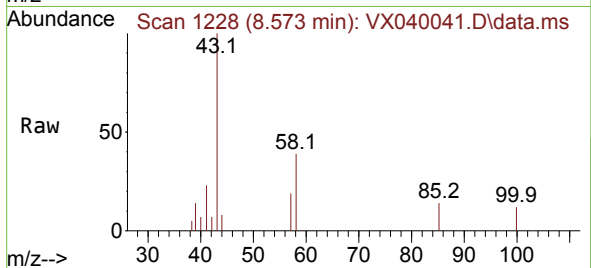
MDL-WATER-03-QT1-2024

Tgt Ion: 43 Resp: 4408

Ion Ratio Lower Upper

43 100

58 40.1 30.4 45.6



#52

Toluene

Concen: 0.456 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. 0.006 min

Lab File: VX040041.D

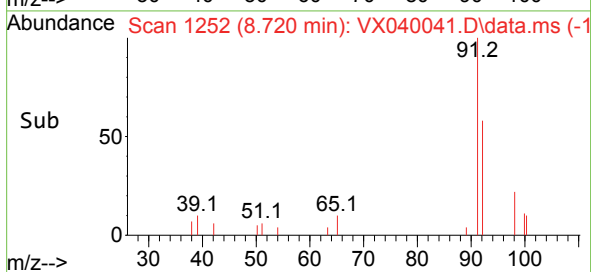
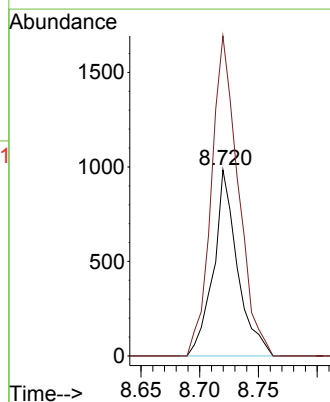
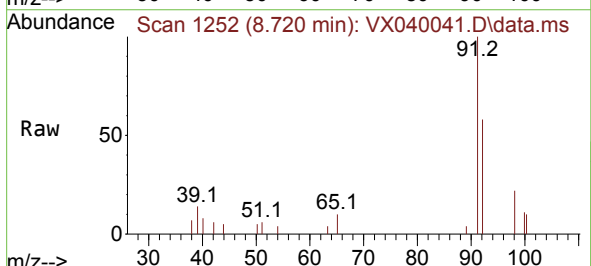
Acq: 31 Jan 2024 12:27

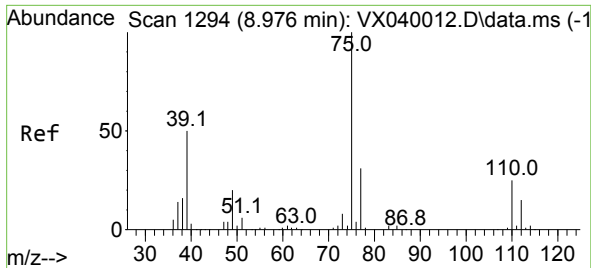
Tgt Ion: 92 Resp: 1398

Ion Ratio Lower Upper

92 100

91 193.1 134.2 201.2

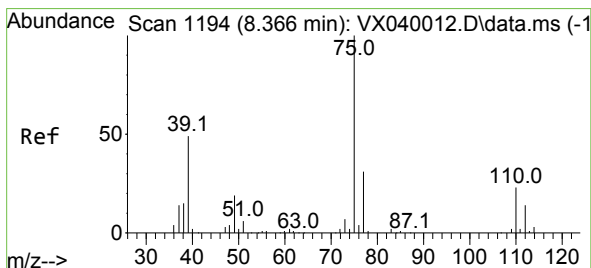
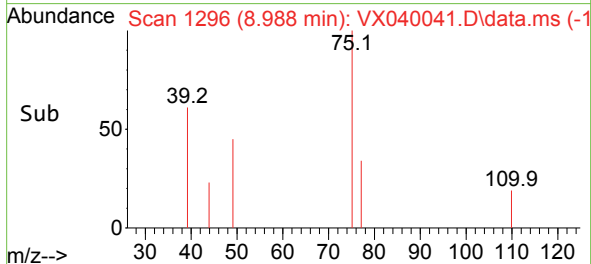
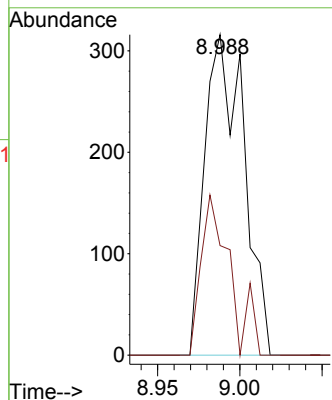
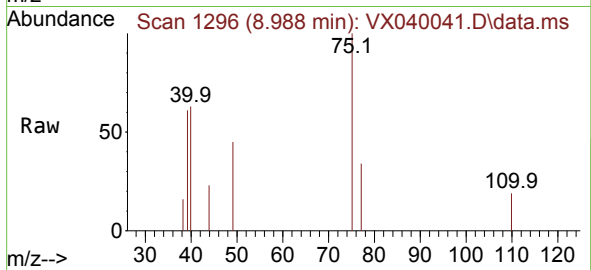




#53
t-1,3-Dichloropropene
Concen: 0.291 ug/l
RT: 8.988 min Scan# 1296
Delta R.T. 0.012 min
Lab File: VX040041.D
Acq: 31 Jan 2024 12:27

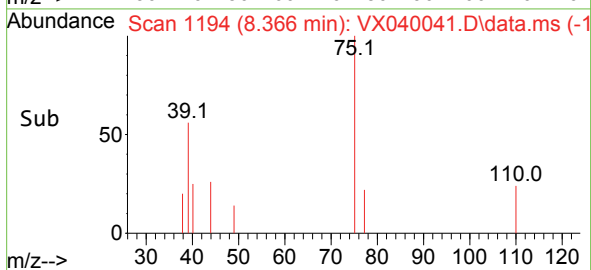
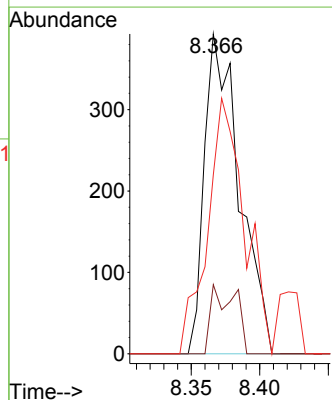
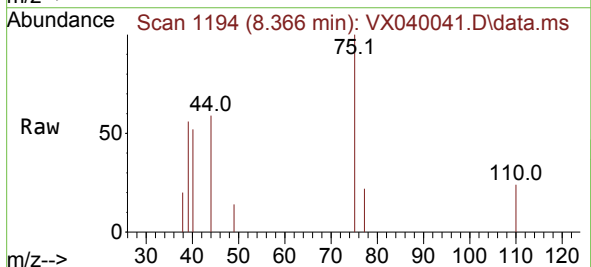
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2024

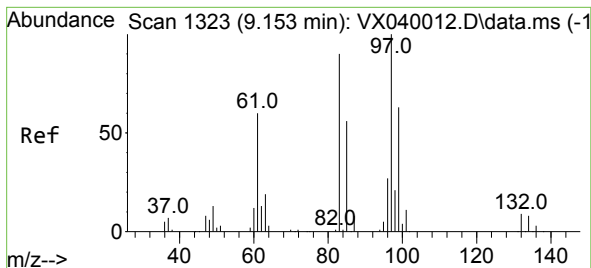
Tgt Ion: 75 Resp: 523
Ion Ratio Lower Upper
75 100
77 34.2 25.7 38.5



#54
cis-1,3-Dichloropropene
Concen: 0.365 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. -0.000 min
Lab File: VX040041.D
Acq: 31 Jan 2024 12:27

Tgt Ion: 75 Resp: 700
Ion Ratio Lower Upper
75 100
77 21.6 25.3 37.9#
39 56.0 46.7 70.1





#55

1,1,2-Trichloroethane

Concen: 0.421 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. -0.000 min

Lab File: VX040041.D

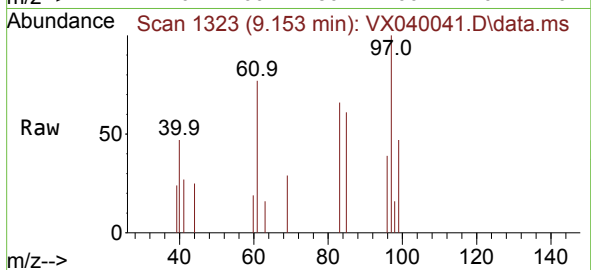
Acq: 31 Jan 2024 12:27

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT1-2024



Tgt Ion: 97 Resp: 534

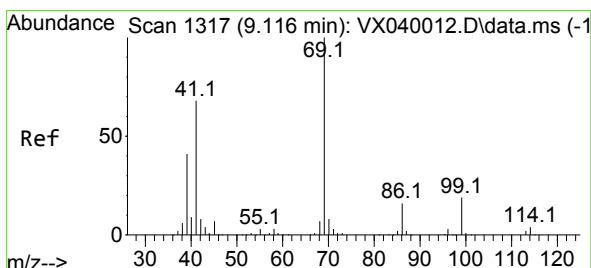
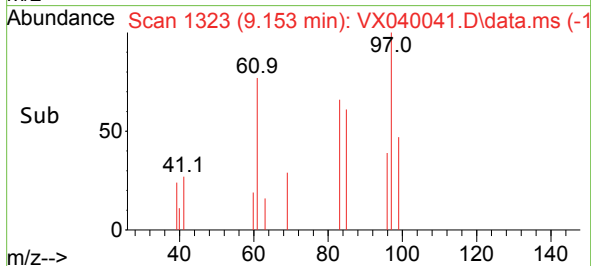
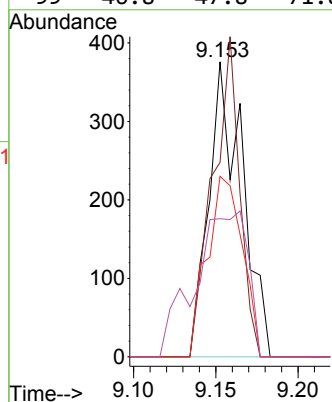
Ion Ratio Lower Upper

97 100

83 66.0 65.8 98.8

85 61.2 41.6 62.4

99 46.8 47.8 71.8#



#56

Ethyl methacrylate

Concen: 0.369 ug/l

RT: 9.122 min Scan# 1318

Delta R.T. 0.006 min

Lab File: VX040041.D

Acq: 31 Jan 2024 12:27

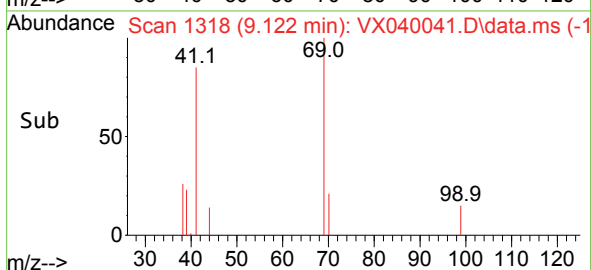
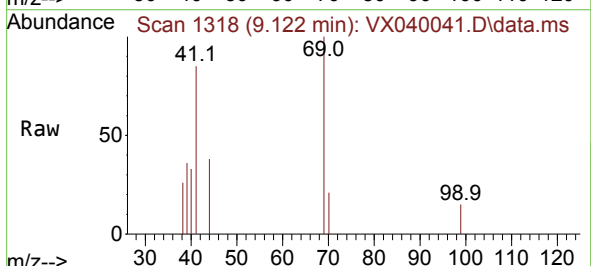
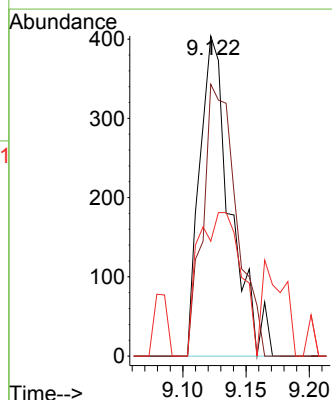
Tgt Ion: 69 Resp: 683

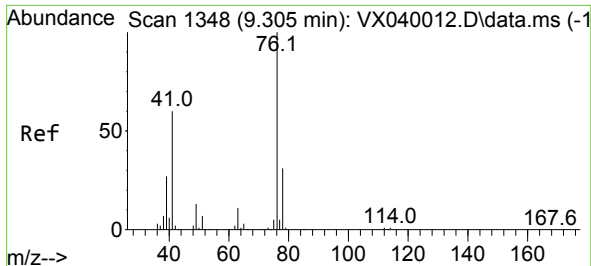
Ion Ratio Lower Upper

69 100

41 92.8 56.8 85.2#

39 61.9 32.0 48.0#





#57

1,3-Dichloropropane

Concen: 0.531 ug/l

RT: 9.311 min Scan# 1109

Delta R.T. 0.006 min

Lab File: VX040041.D

Acq: 31 Jan 2024 12:27

Instrument :

MSVOA_X

ClientSampleId :

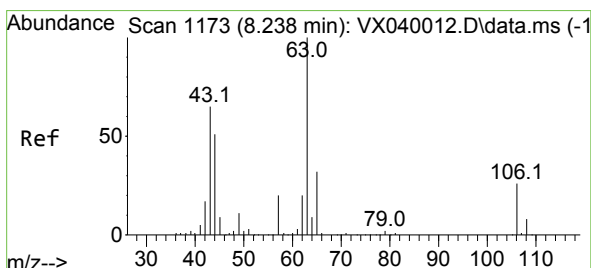
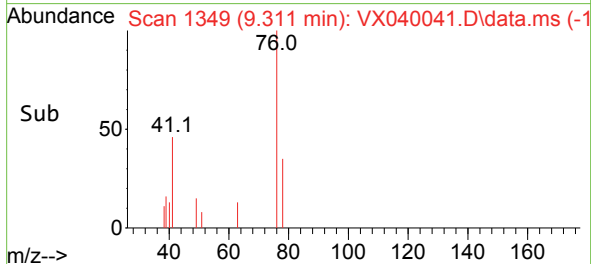
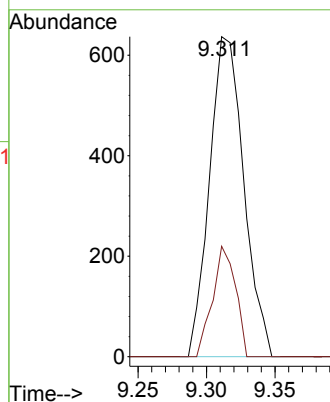
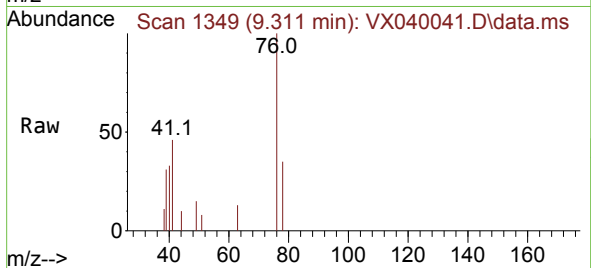
MDL-WATER-03-QT1-2024

Tgt Ion: 76 Resp: 1109

Ion Ratio Lower Upper

76 100

78 23.1 26.1 39.1#



#58

2-Chloroethyl Vinyl ether

Concen: 2.108 ug/l

RT: 8.250 min Scan# 1175

Delta R.T. 0.012 min

Lab File: VX040041.D

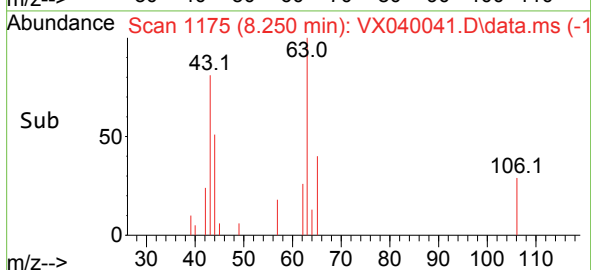
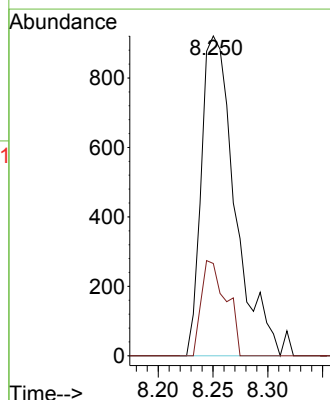
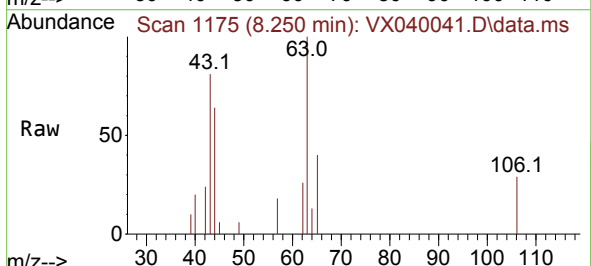
Acq: 31 Jan 2024 12:27

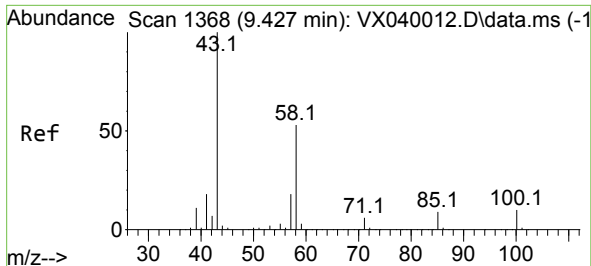
Tgt Ion: 63 Resp: 1962

Ion Ratio Lower Upper

63 100

106 22.1 22.5 33.7#

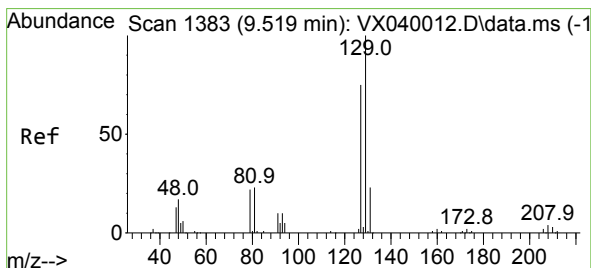
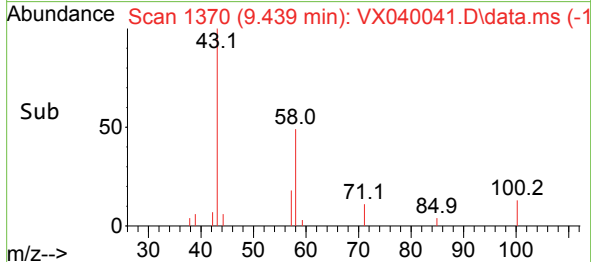
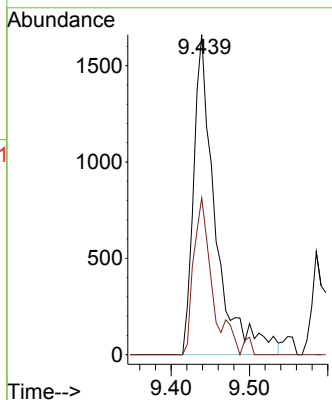
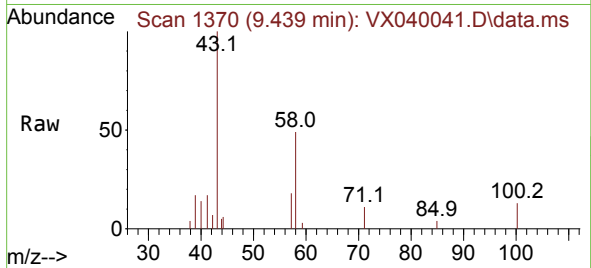




#59
2-Hexanone
Concen: 2.026 ug/l
RT: 9.439 min Scan# 11
Delta R.T. 0.012 min
Lab File: VX040041.D
Acq: 31 Jan 2024 12:27

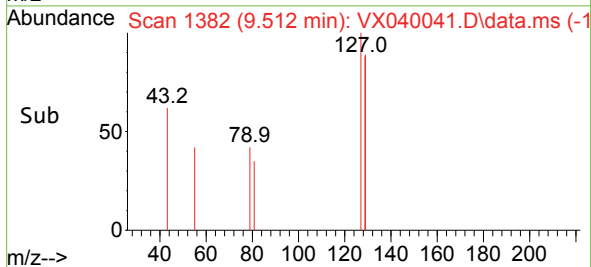
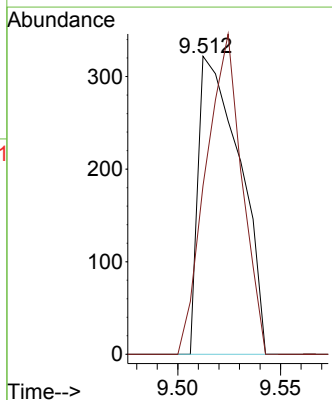
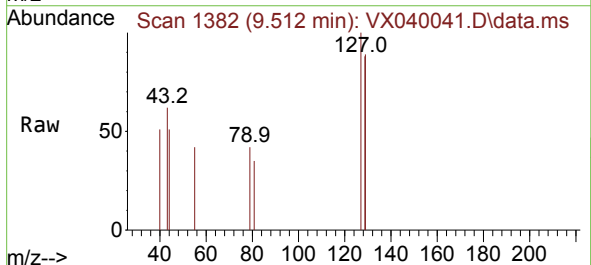
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2024

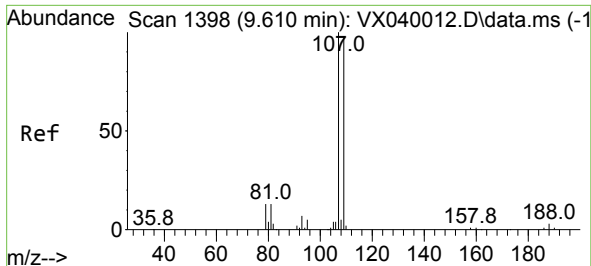
Tgt Ion: 43 Resp: 3204
Ion Ratio Lower Upper
43 100
58 37.0 26.2 78.5



#60
Dibromochloromethane
Concen: 0.354 ug/l
RT: 9.512 min Scan# 1382
Delta R.T. -0.006 min
Lab File: VX040041.D
Acq: 31 Jan 2024 12:27

Tgt Ion: 129 Resp: 451
Ion Ratio Lower Upper
129 100
127 93.6 38.8 116.4

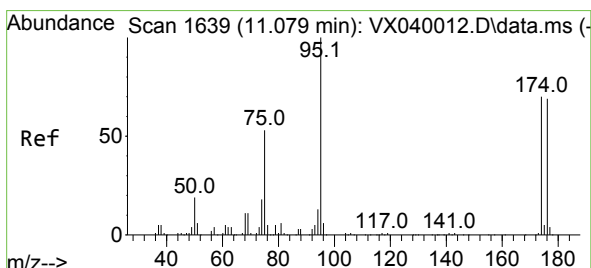
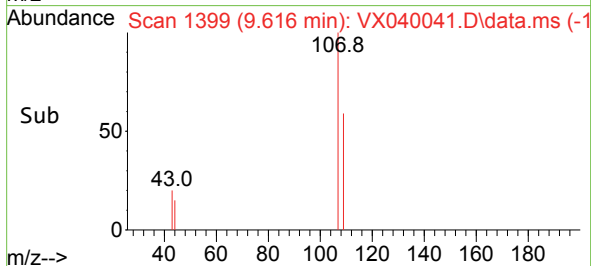
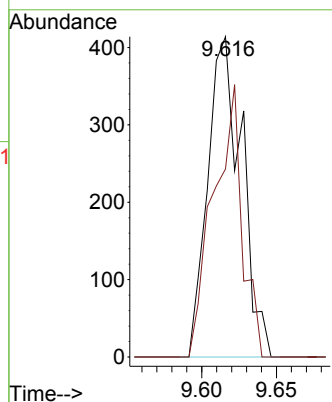
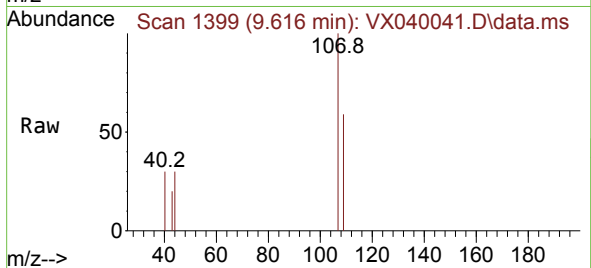




#61
1,2-Dibromoethane
Concen: 0.478 ug/l
RT: 9.616 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX040041.D
Acq: 31 Jan 2024 12:27

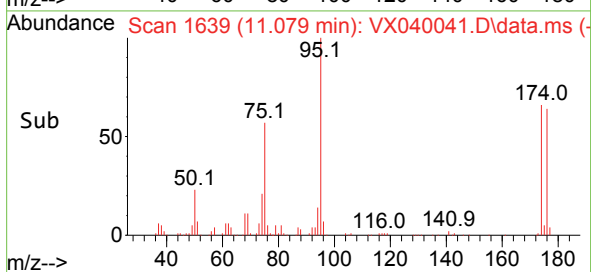
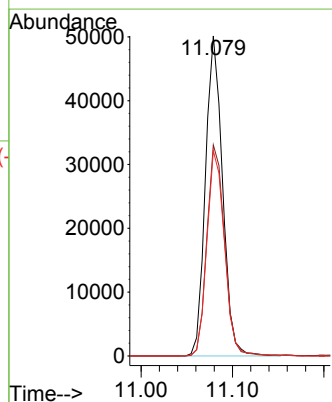
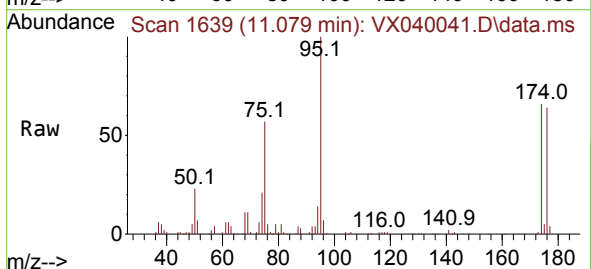
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2024

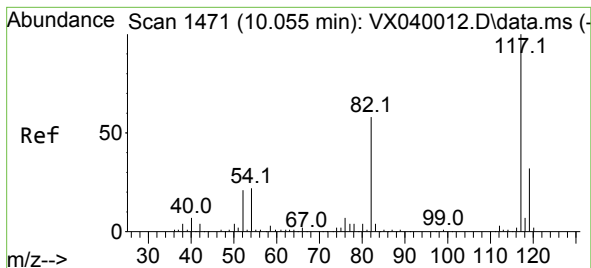
Tgt Ion:107 Resp: 655
Ion Ratio Lower Upper
107 100
109 71.3 75.2 112.8#



#62
4-Bromofluorobenzene
Concen: 38.690 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX040041.D
Acq: 31 Jan 2024 12:27

Tgt Ion: 95 Resp: 64988
Ion Ratio Lower Upper
95 100
174 68.1 0.0 135.6
176 65.9 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: VX040041.D

Acq: 31 Jan 2024 12:27

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT1-2024

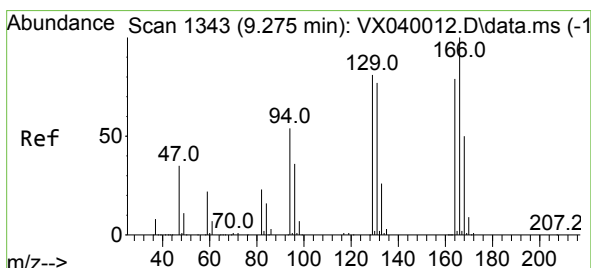
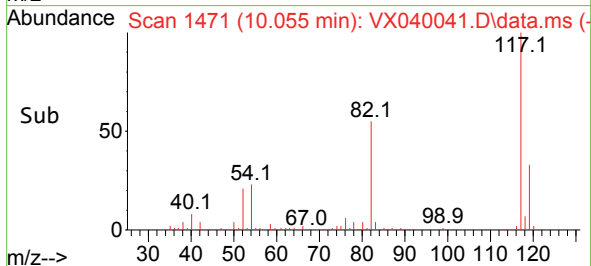
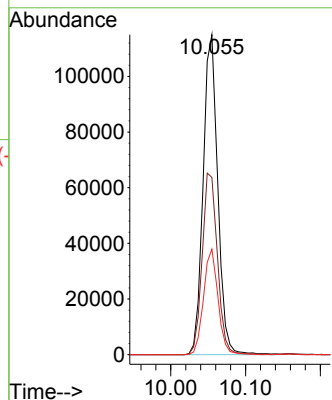
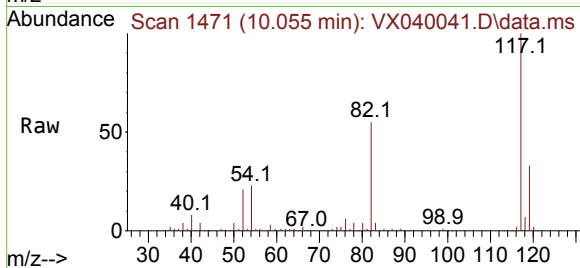
Tgt Ion:117 Resp: 156583

Ion Ratio Lower Upper

117 100

82 55.4 46.2 69.4

119 33.0 25.5 38.3



#64

Tetrachloroethene

Concen: 0.518 ug/l

RT: 9.274 min Scan# 1343

Delta R.T. -0.000 min

Lab File: VX040041.D

Acq: 31 Jan 2024 12:27

Tgt Ion:164 Resp: 528

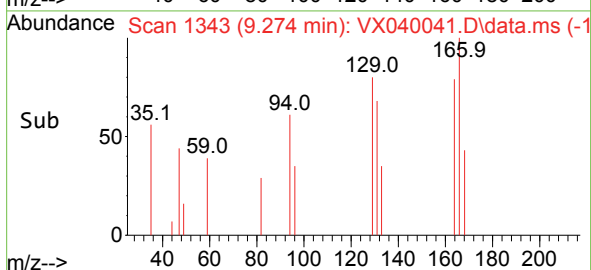
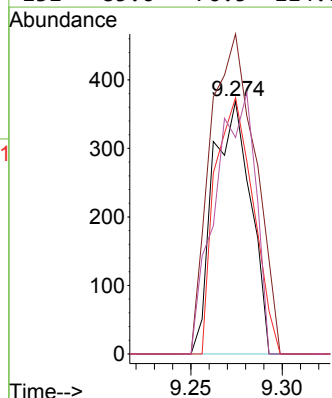
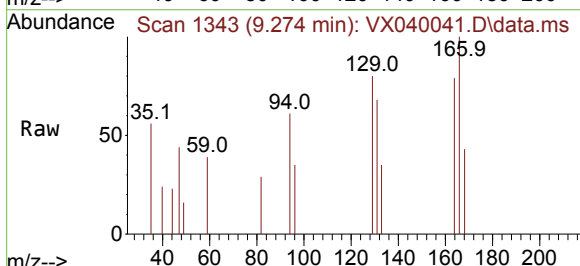
Ion Ratio Lower Upper

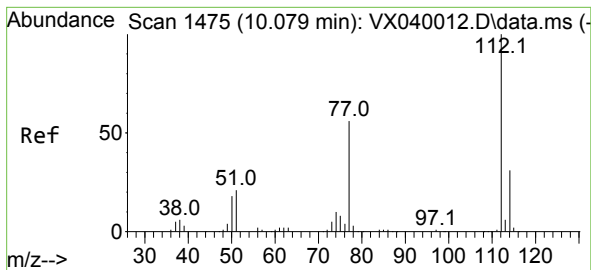
164 100

166 126.6 102.7 154.1

129 101.4 80.4 120.6

131 85.6 76.5 114.7





#65

Chlorobenzene

Concen: 0.521 ug/l

RT: 10.079 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VX040041.D

Acq: 31 Jan 2024 12:27

Instrument :

MSVOA_X

ClientSampleId :

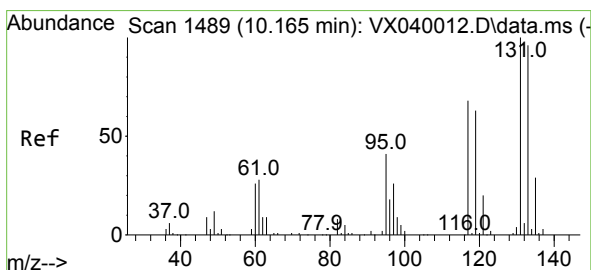
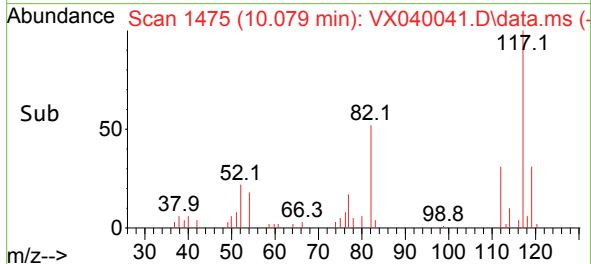
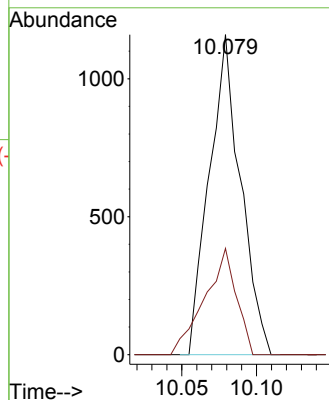
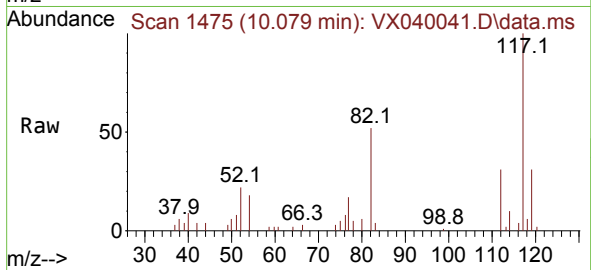
MDL-WATER-03-QT1-2024

Tgt Ion:112 Resp: 1687

Ion Ratio Lower Upper

112 100

114 33.2 25.7 38.5



#66

1,1,1,2-Tetrachloroethane

Concen: 0.419 ug/l

RT: 10.165 min Scan# 1489

Delta R.T. -0.000 min

Lab File: VX040041.D

Acq: 31 Jan 2024 12:27

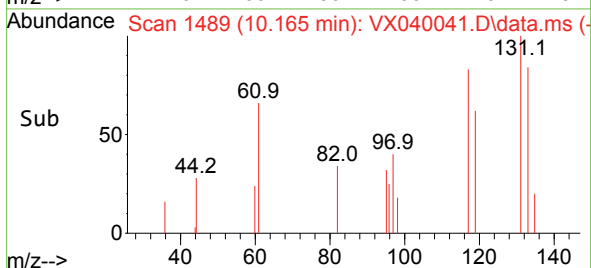
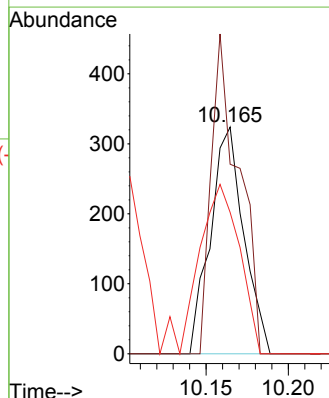
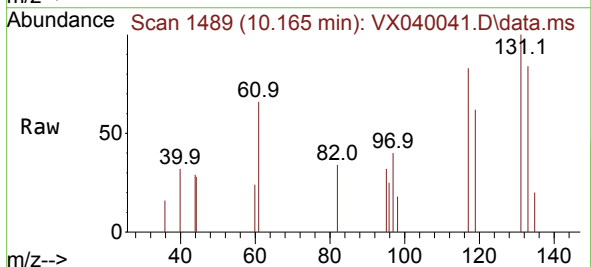
Tgt Ion:131 Resp: 458

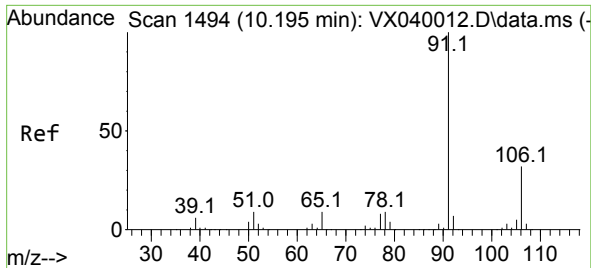
Ion Ratio Lower Upper

131 100

133 115.9 47.1 141.4

119 0.0 32.2 96.6#

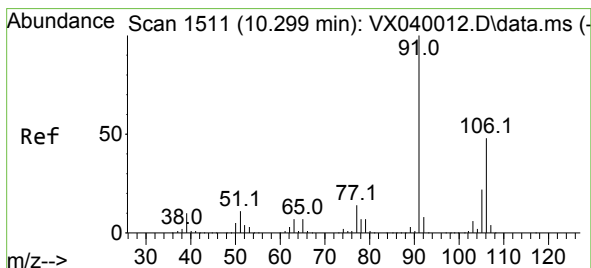
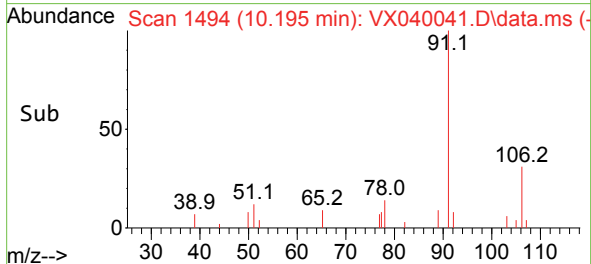
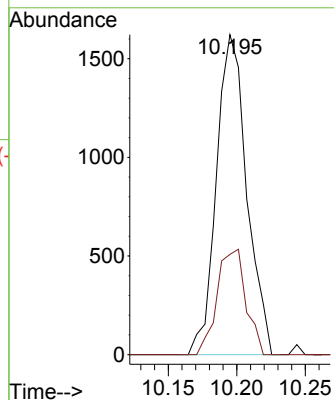
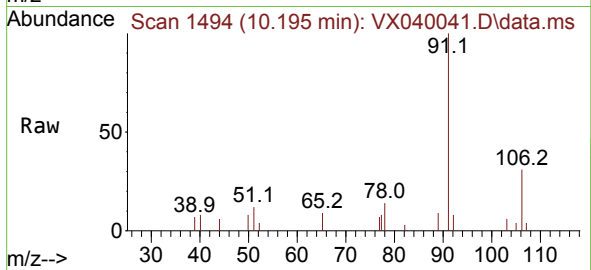




#67
Ethyl Benzene
Concen: 0.431 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX040041.D
Acq: 31 Jan 2024 12:27

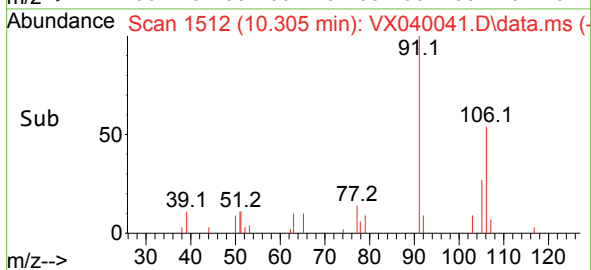
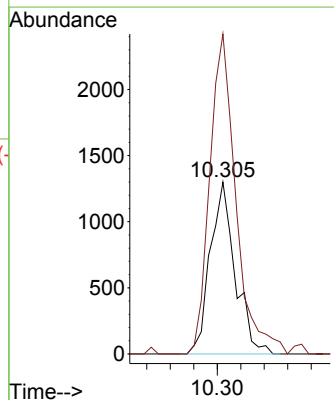
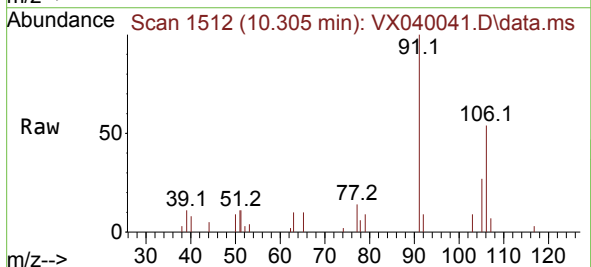
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2024

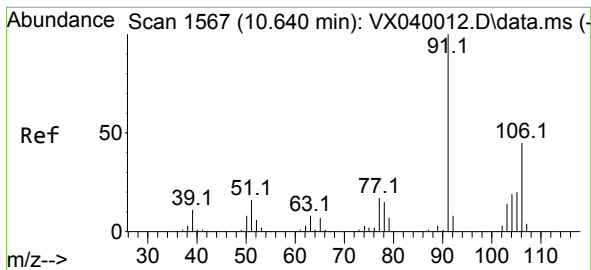
Tgt Ion: 91 Resp: 2502
Ion Ratio Lower Upper
91 100
106 31.3 24.9 37.3



#68
m/p-Xylenes
Concen: 0.878 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX040041.D
Acq: 31 Jan 2024 12:27

Tgt Ion: 106 Resp: 1919
Ion Ratio Lower Upper
106 100
91 194.8 165.5 248.3





#69

o-Xylene

Concen: 0.367 ug/l

RT: 10.646 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX040041.D

Acq: 31 Jan 2024 12:27

Instrument :

MSVOA_X

ClientSampleId :

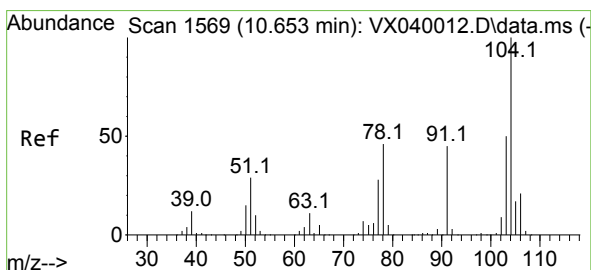
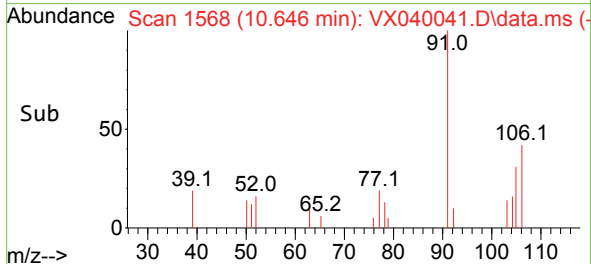
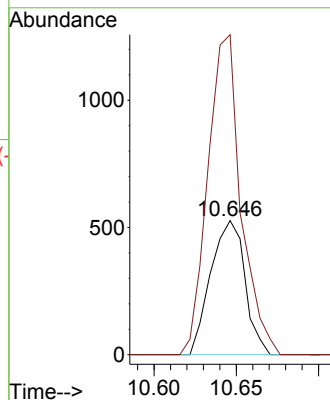
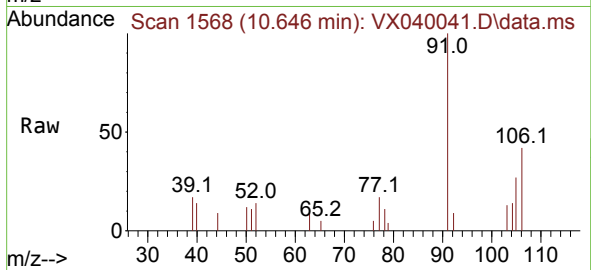
MDL-WATER-03-QT1-2024

Tgt Ion:106 Resp: 761

Ion Ratio Lower Upper

106 100

91 231.4 108.9 326.8



#70

Styrene

Concen: 0.340 ug/l

RT: 10.658 min Scan# 1570

Delta R.T. 0.005 min

Lab File: VX040041.D

Acq: 31 Jan 2024 12:27

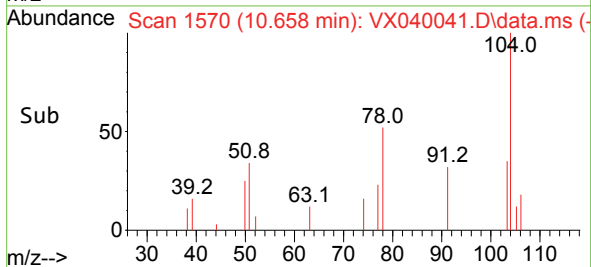
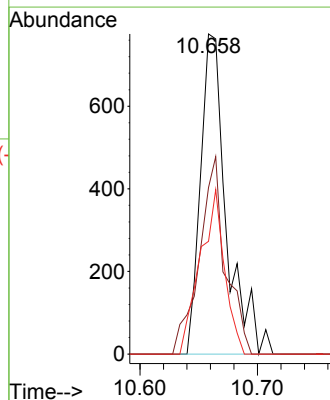
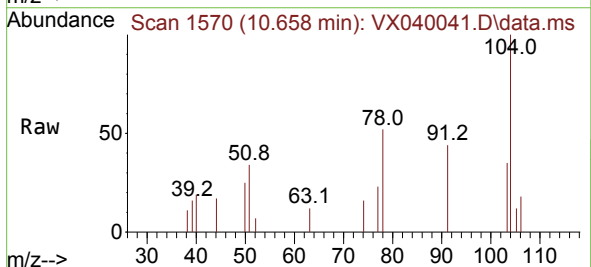
Tgt Ion:104 Resp: 1189

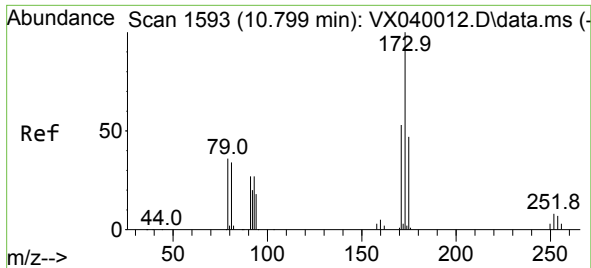
Ion Ratio Lower Upper

104 100

78 62.4 43.6 65.4

103 48.4 43.6 65.4

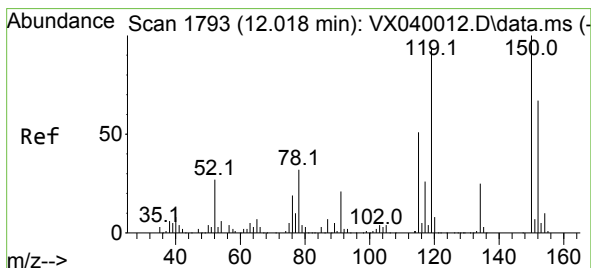
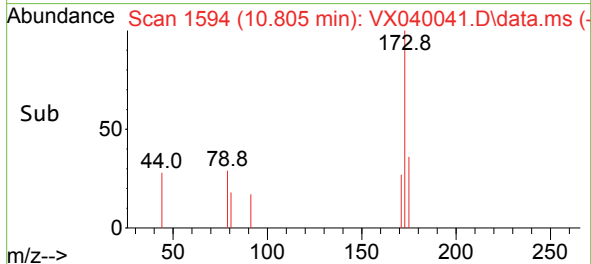
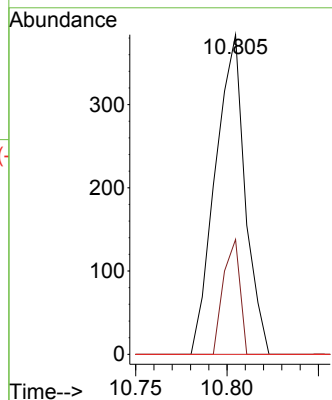
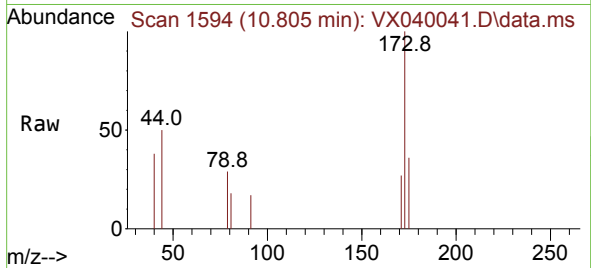




#71
Bromoform
Concen: 0.520 ug/l
RT: 10.805 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX040041.D
Acq: 31 Jan 2024 12:27

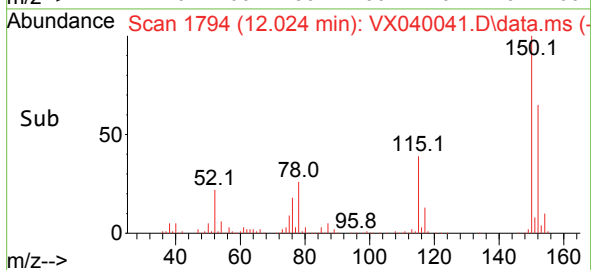
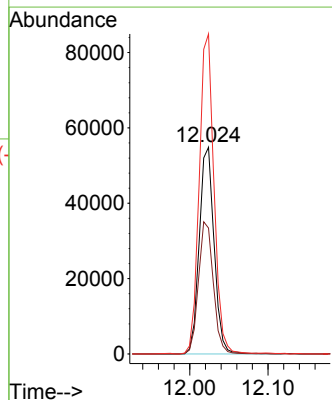
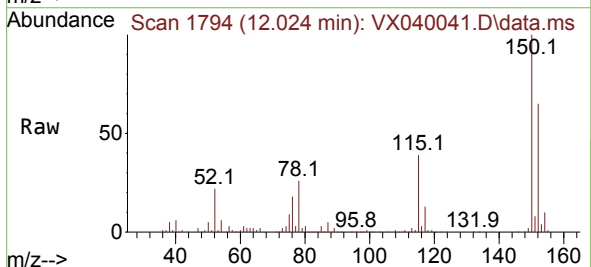
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2024

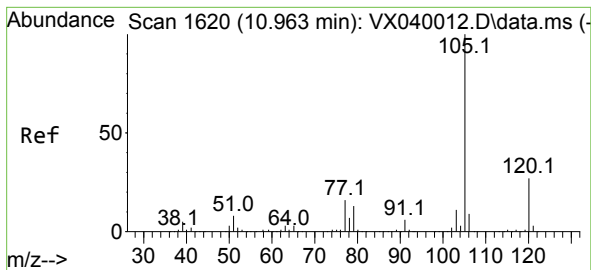
Tgt Ion:173 Resp: 435
Ion Ratio Lower Upper
173 100
175 20.0 24.1 72.4#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX040041.D
Acq: 31 Jan 2024 12:27

Tgt Ion:152 Resp: 72324
Ion Ratio Lower Upper
152 100
115 64.0 43.3 129.9
150 154.6 0.0 345.0





#73

Isopropylbenzene

Concen: 0.392 ug/l

RT: 10.963 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX040041.D

Acq: 31 Jan 2024 12:27

Instrument :

MSVOA_X

ClientSampleId :

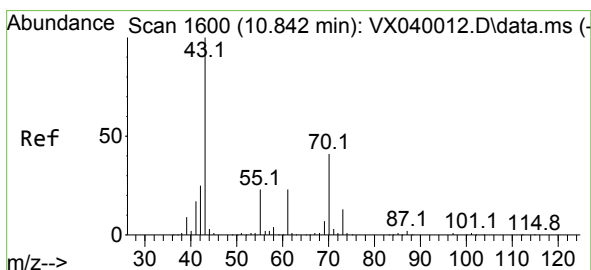
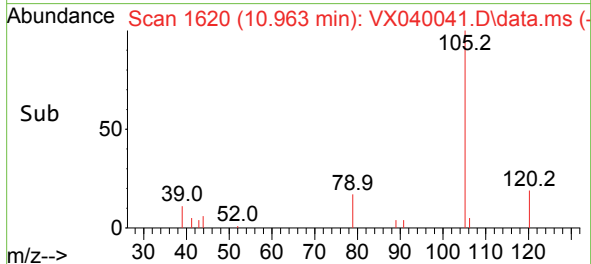
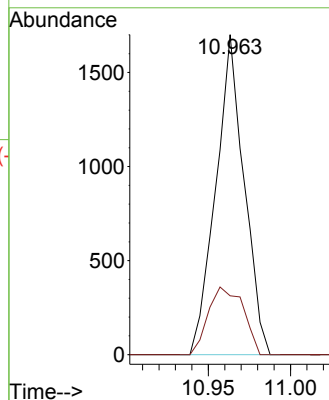
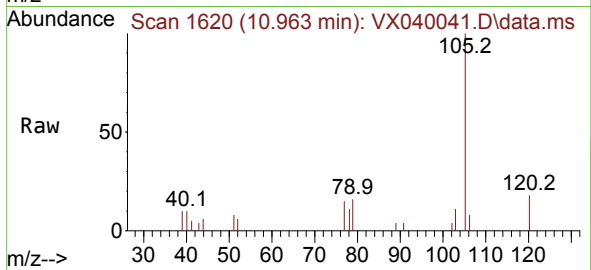
MDL-WATER-03-QT1-2024

Tgt Ion:105 Resp: 2035

Ion Ratio Lower Upper

105 100

120 26.1 12.9 38.6



#74

N-ethyl acetate

Concen: 0.261 ug/l

RT: 10.847 min Scan# 1601

Delta R.T. 0.005 min

Lab File: VX040041.D

Acq: 31 Jan 2024 12:27

Tgt Ion: 43 Resp: 616

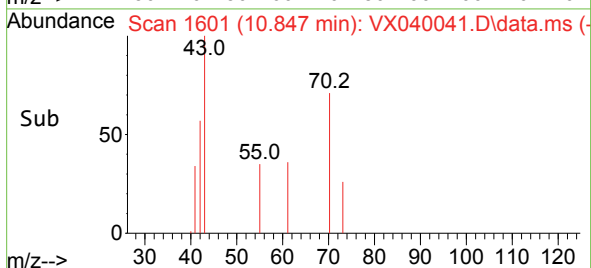
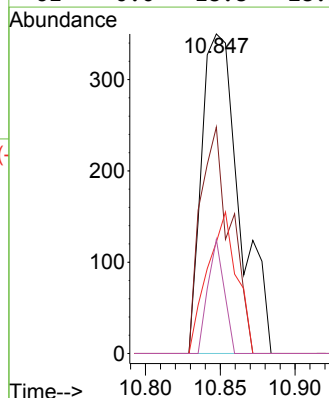
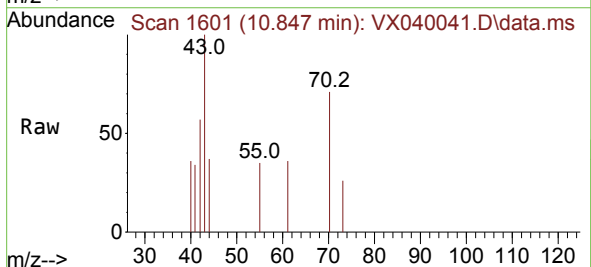
Ion Ratio Lower Upper

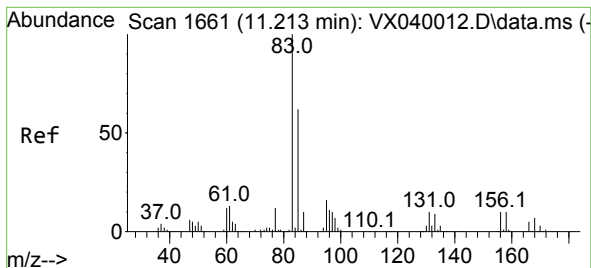
43 100

70 56.8 32.9 49.3#

55 34.6 19.3 28.9#

61 0.0 18.8 28.2#





#75

1,1,2,2-Tetrachloroethane

Concen: 0.411 ug/l

RT: 11.207 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX040041.D

Acq: 31 Jan 2024 12:27

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT1-2024

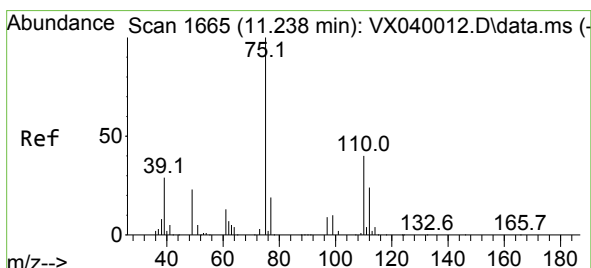
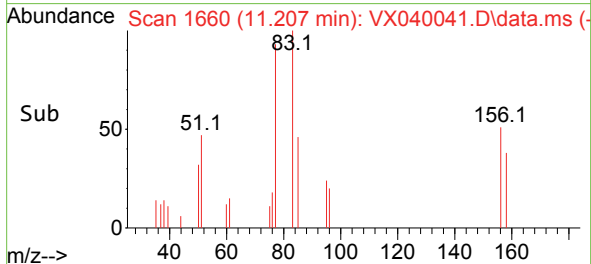
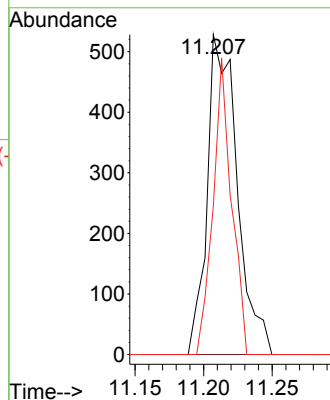
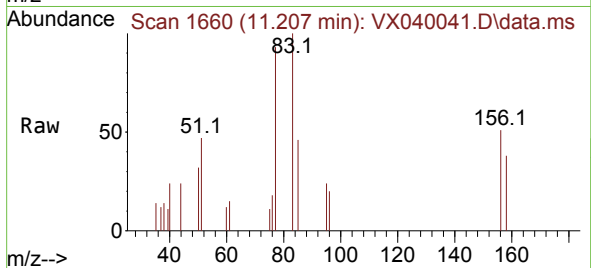
Tgt Ion: 83 Resp: 802

Ion Ratio Lower Upper

83 100

131 0.0 5.3 15.8#

85 57.2 32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 24.376 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX040041.D

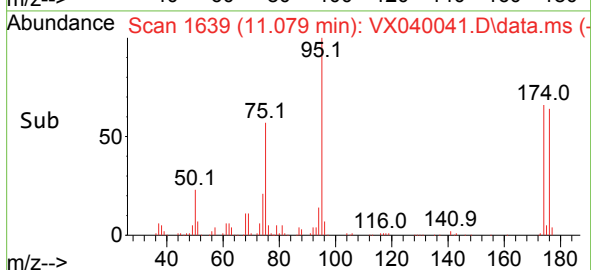
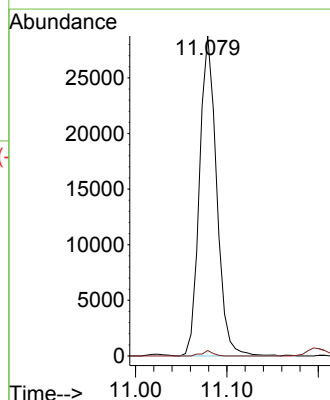
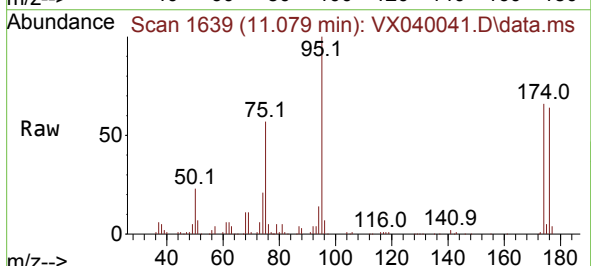
Acq: 31 Jan 2024 12:27

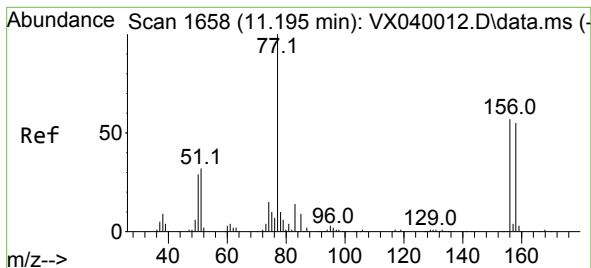
Tgt Ion: 75 Resp: 37543

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#





#77

Bromobenzene

Concen: 0.469 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.006 min

Lab File: VX040041.D

Acq: 31 Jan 2024 12:27

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT1-2024

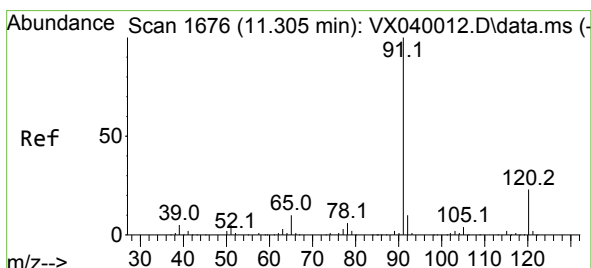
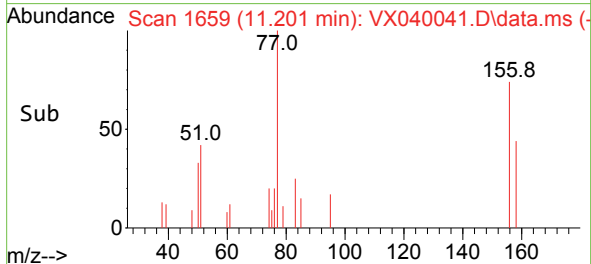
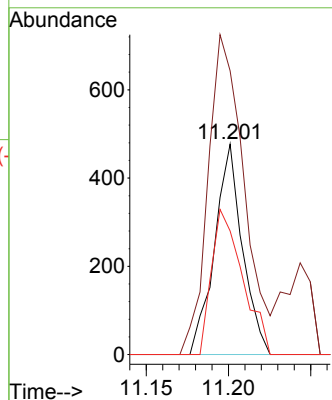
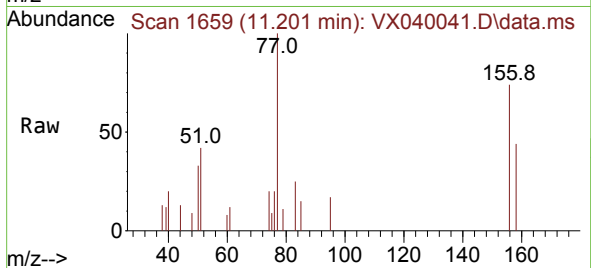
Tgt Ion:156 Resp: 562

Ion Ratio Lower Upper

156 100

77 196.3 88.4 265.3

158 76.5 48.0 144.0



#78

n-propylbenzene

Concen: 0.436 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX040041.D

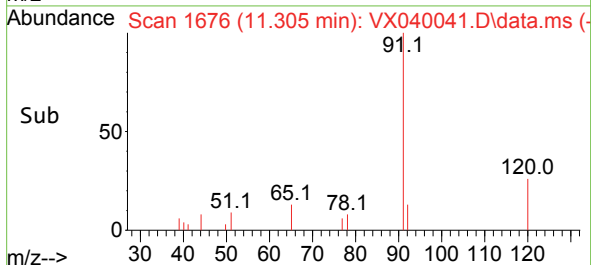
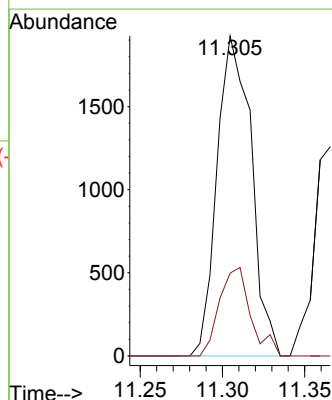
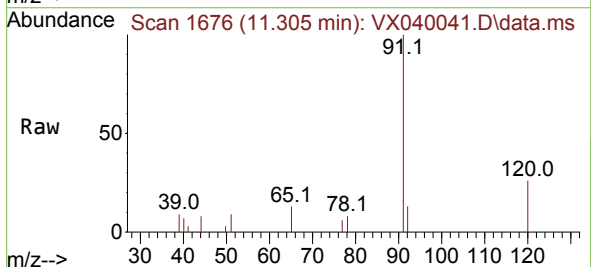
Acq: 31 Jan 2024 12:27

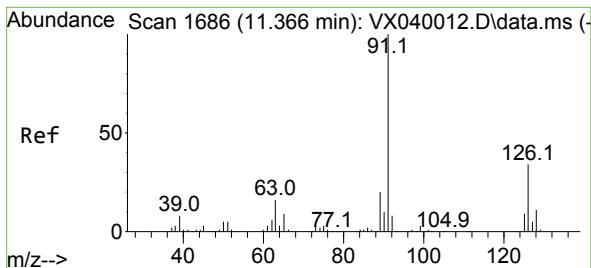
Tgt Ion: 91 Resp: 2786

Ion Ratio Lower Upper

91 100

120 25.2 11.5 34.4





#79

2-Chlorotoluene

Concen: 0.439 ug/l

RT: 11.366 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX040041.D

Acq: 31 Jan 2024 12:27

Instrument :

MSVOA_X

ClientSampleId :

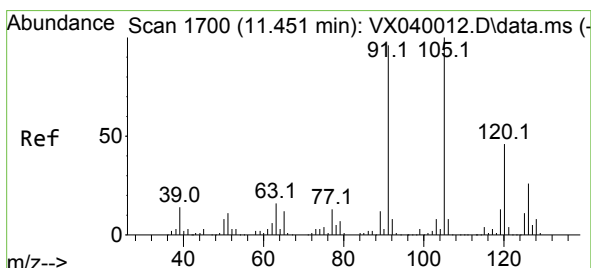
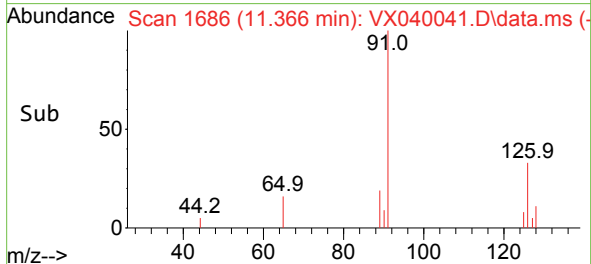
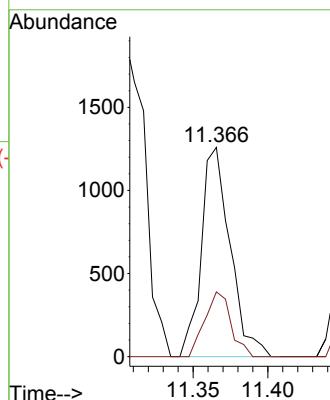
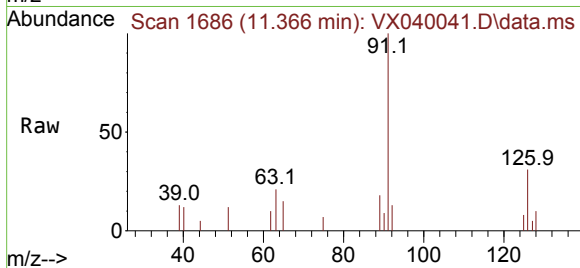
MDL-WATER-03-QT1-2024

Tgt Ion: 91 Resp: 1689

Ion Ratio Lower Upper

91 100

126 28.0 16.3 48.8



#80

1,3,5-Trimethylbenzene

Concen: 0.411 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX040041.D

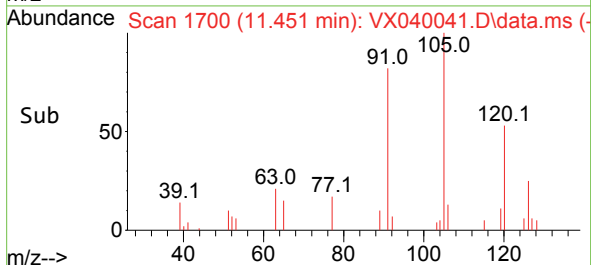
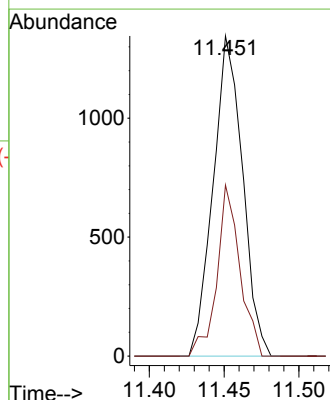
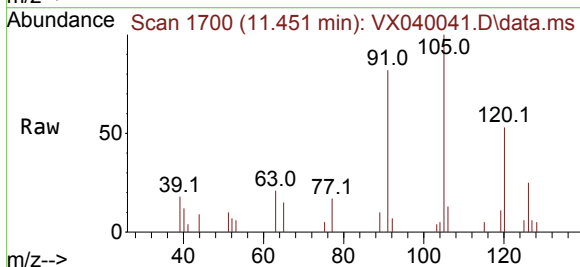
Acq: 31 Jan 2024 12:27

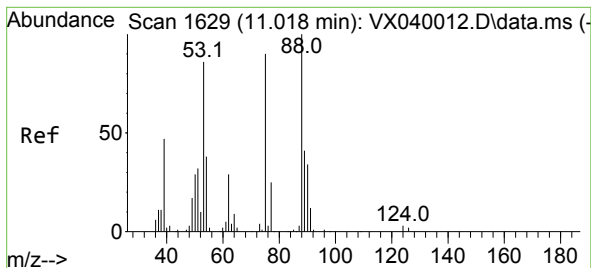
Tgt Ion: 105 Resp: 1837

Ion Ratio Lower Upper

105 100

120 41.8 24.1 72.3

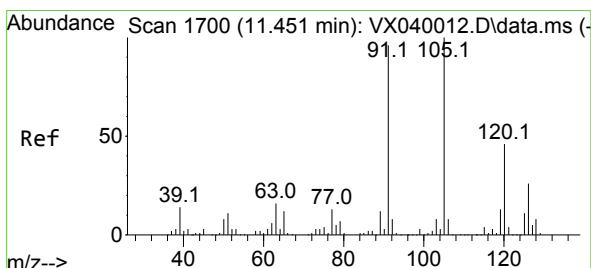
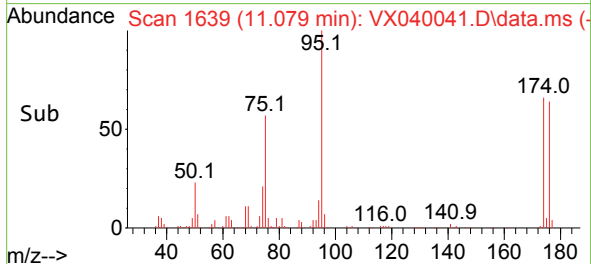
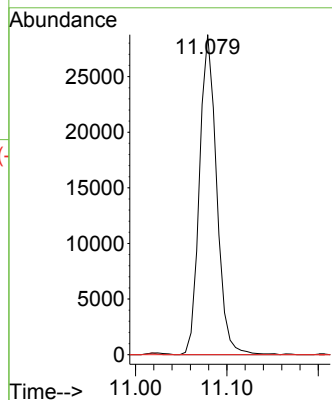
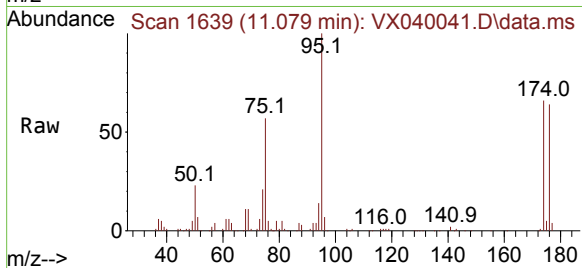




#81
trans-1,4-Dichloro-2-butene
Concen: 75.945 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX040041.D
Acq: 31 Jan 2024 12:27

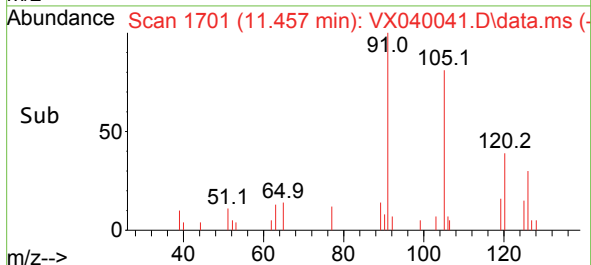
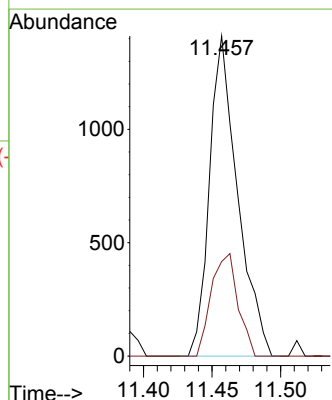
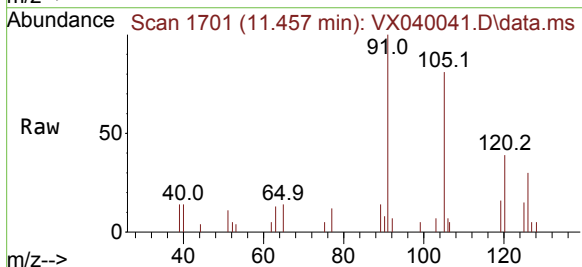
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2024

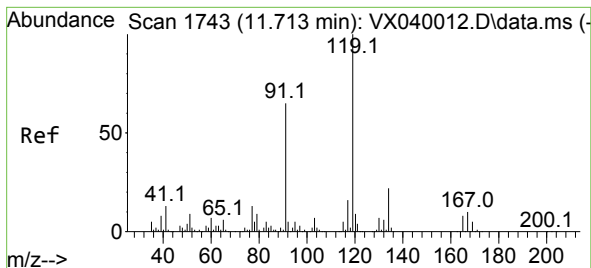
Tgt Ion: 75 Resp: 37543
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#82
4-Chlorotoluene
Concen: 0.456 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX040041.D
Acq: 31 Jan 2024 12:27

Tgt Ion: 91 Resp: 2013
Ion Ratio Lower Upper
91 100
126 30.3 14.2 42.6





#83

tert-Butylbenzene

Concen: 0.361 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX040041.D

Acq: 31 Jan 2024 12:27

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT1-2024

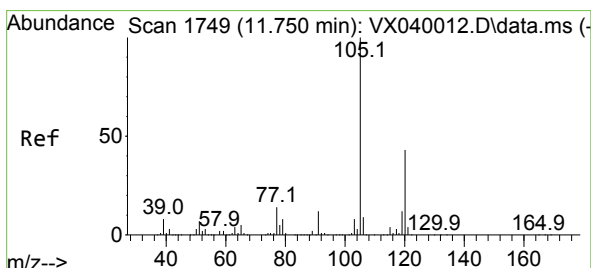
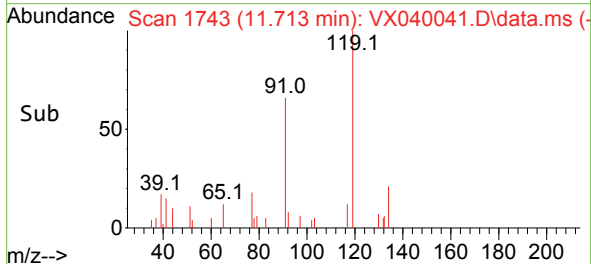
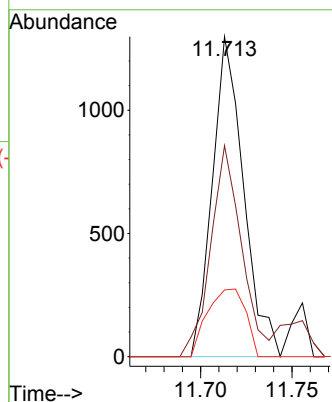
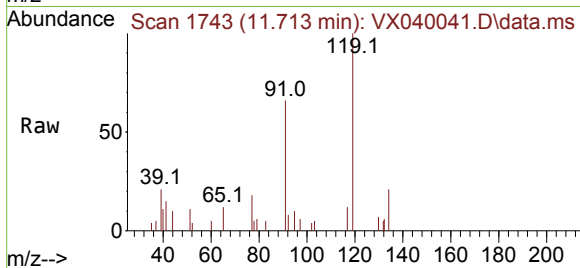
Tgt Ion:119 Resp: 1544

Ion Ratio Lower Upper

119 100

91 65.4 31.2 93.6

134 25.8 11.7 35.0



#84

1,2,4-Trimethylbenzene

Concen: 0.423 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX040041.D

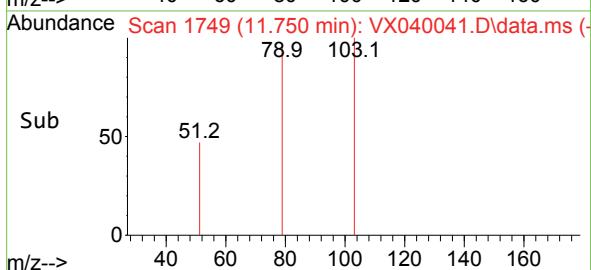
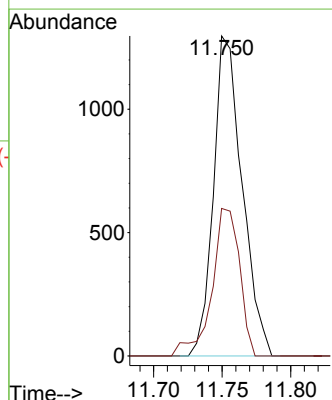
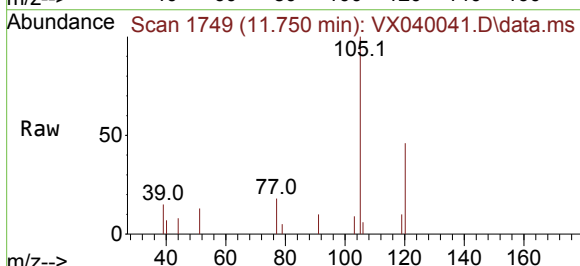
Acq: 31 Jan 2024 12:27

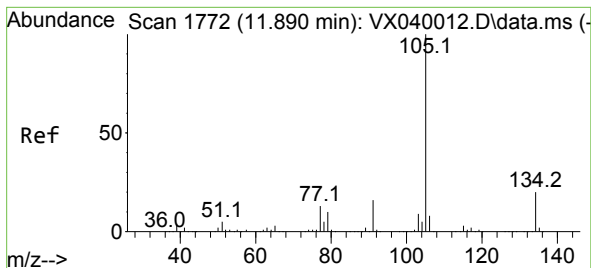
Tgt Ion:105 Resp: 1884

Ion Ratio Lower Upper

105 100

120 44.5 21.2 63.6





#85

sec-Butylbenzene

Concen: 0.405 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. -0.000 min

Lab File: VX040041.D

Acq: 31 Jan 2024 12:27

Instrument :

MSVOA_X

ClientSampleId :

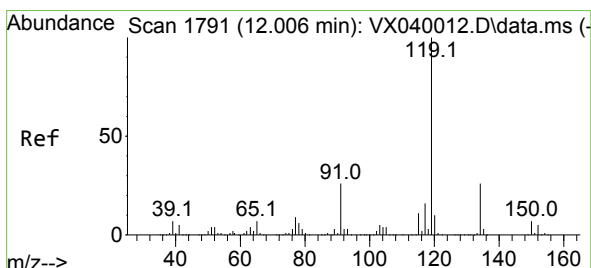
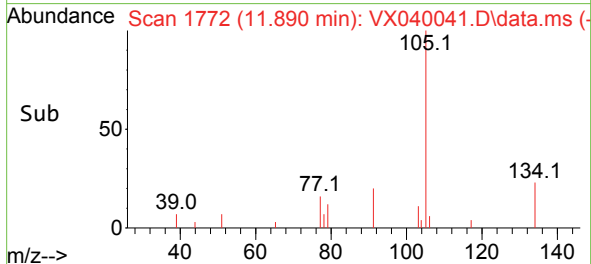
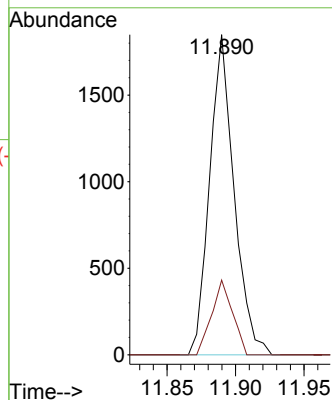
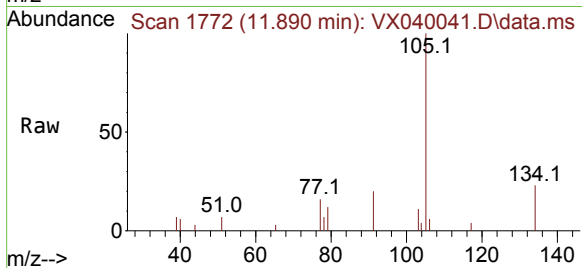
MDL-WATER-03-QT1-2024

Tgt Ion:105 Resp: 2290

Ion Ratio Lower Upper

105 100

134 19.9 9.8 29.4



#86

p-Isopropyltoluene

Concen: 0.399 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VX040041.D

Acq: 31 Jan 2024 12:27

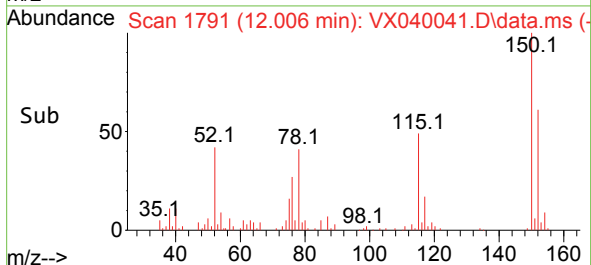
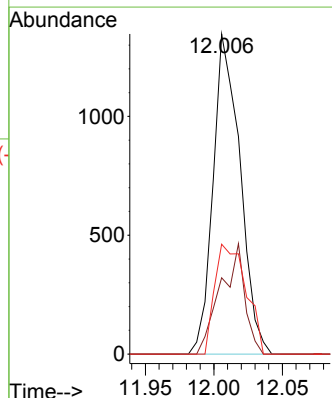
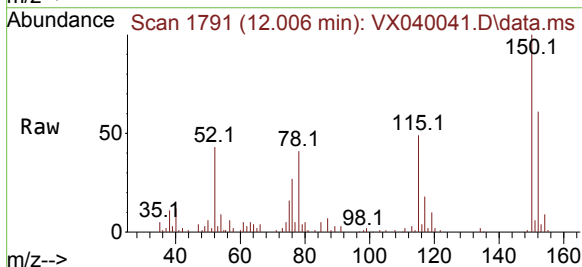
Tgt Ion:119 Resp: 1842

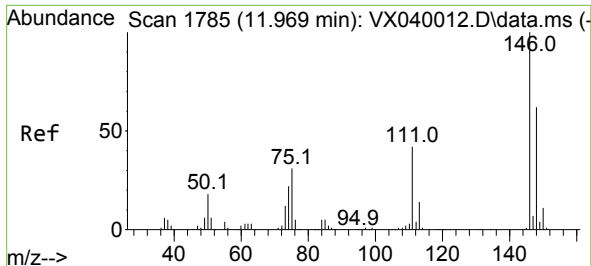
Ion Ratio Lower Upper

119 100

134 30.9 12.8 38.3

91 39.7 13.1 39.3#





#87

1,3-Dichlorobenzene

Concen: 0.471 ug/l

RT: 11.975 min Scan# 1786

Delta R.T. 0.006 min

Lab File: VX040041.D

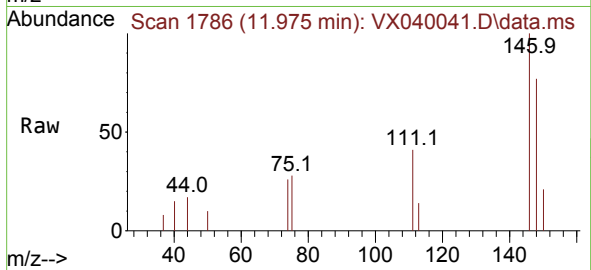
Acq: 31 Jan 2024 12:27

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT1-2024



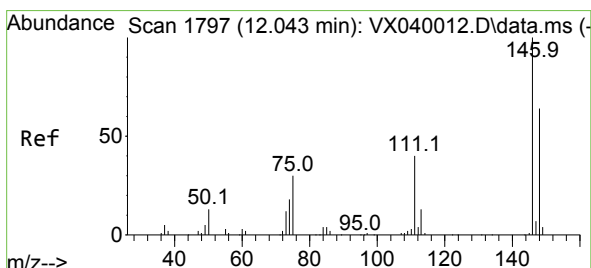
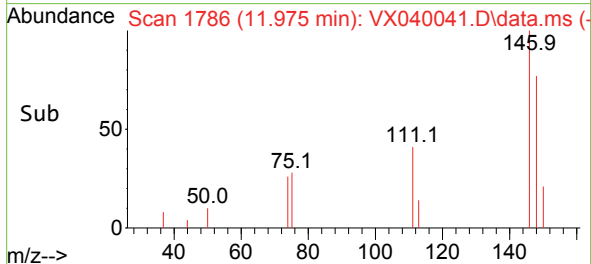
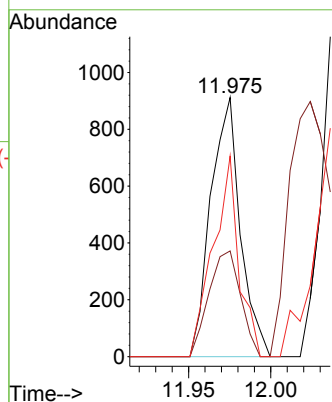
Tgt Ion:146 Resp: 1138

Ion Ratio Lower Upper

146 100

111 43.9 22.1 66.1

148 67.0 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 0.460 ug/l

RT: 11.975 min Scan# 1786

Delta R.T. -0.067 min

Lab File: VX040041.D

Acq: 31 Jan 2024 12:27

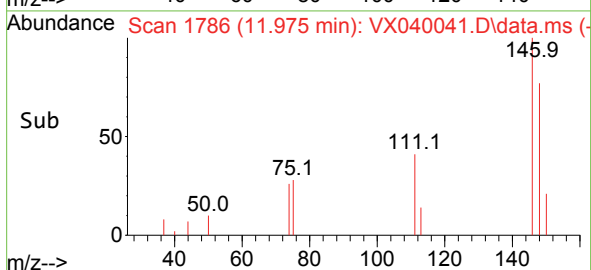
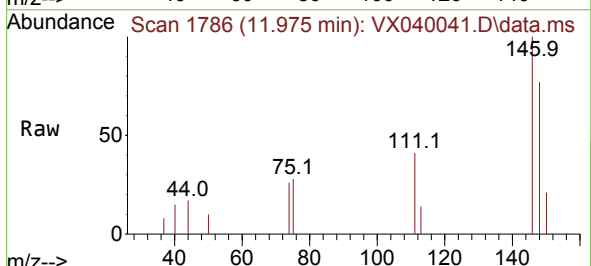
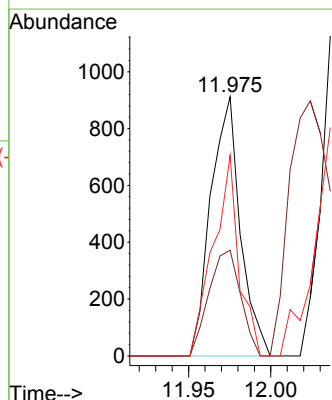
Tgt Ion:146 Resp: 1138

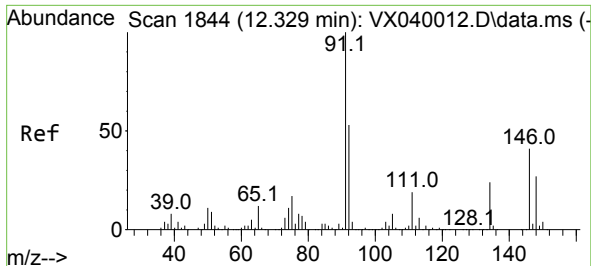
Ion Ratio Lower Upper

146 100

111 43.9 21.3 63.7

148 67.0 31.8 95.4

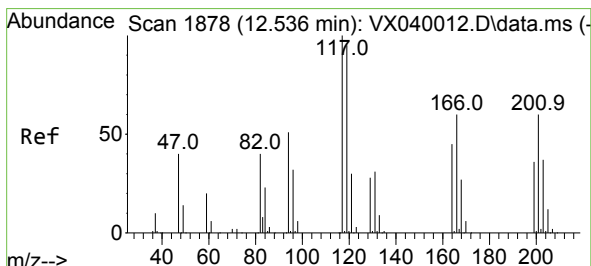
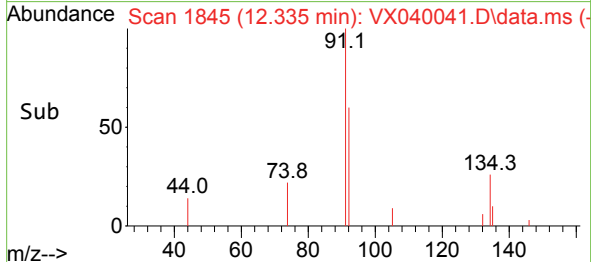
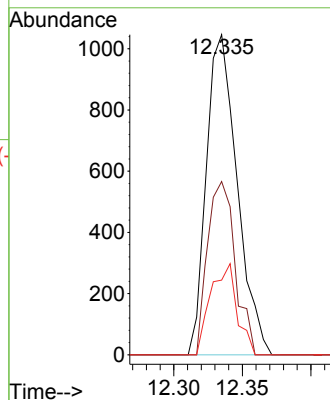
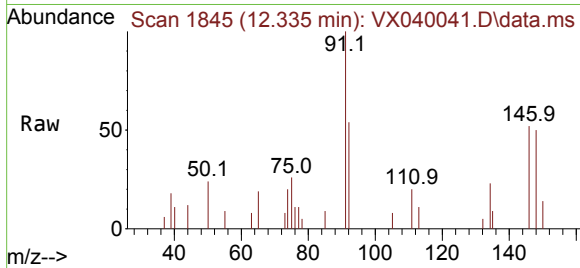




#89
n-Butylbenzene
Concen: 0.364 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX040041.D
Acq: 31 Jan 2024 12:27

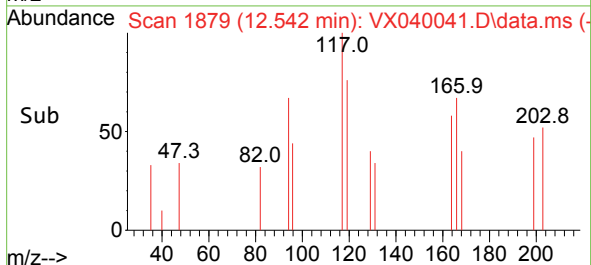
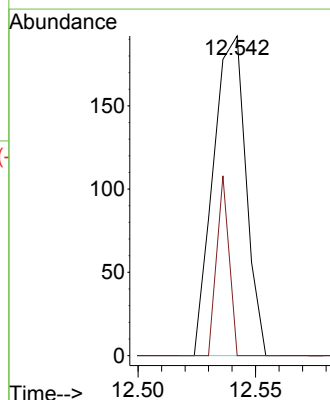
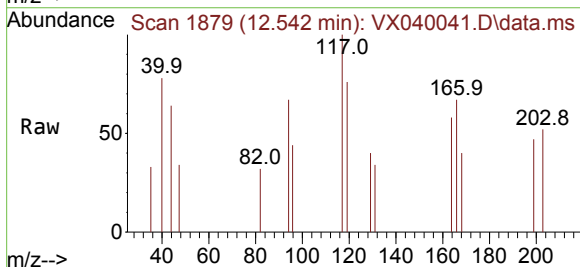
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2024

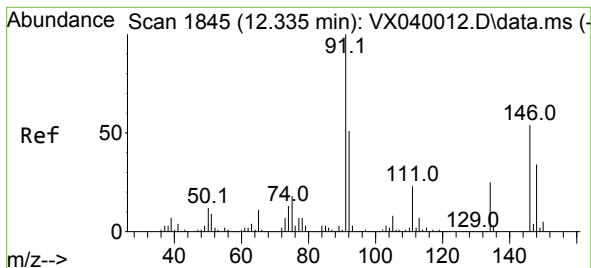
Tgt Ion: 91 Resp: 1633
Ion Ratio Lower Upper
91 100
92 48.5 27.4 82.0
134 24.4 12.6 37.8



#90
Hexachloroethane
Concen: 0.255 ug/l
RT: 12.542 min Scan# 1879
Delta R.T. 0.006 min
Lab File: VX040041.D
Acq: 31 Jan 2024 12:27

Tgt Ion: 117 Resp: 186
Ion Ratio Lower Upper
117 100
201 21.5 32.9 98.6#





#91

1,2-Dichlorobenzene

Concen: 0.430 ug/l

RT: 12.341 min Scan# 1845

Delta R.T. 0.006 min

Lab File: VX040041.D

Acq: 31 Jan 2024 12:27

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT1-2024

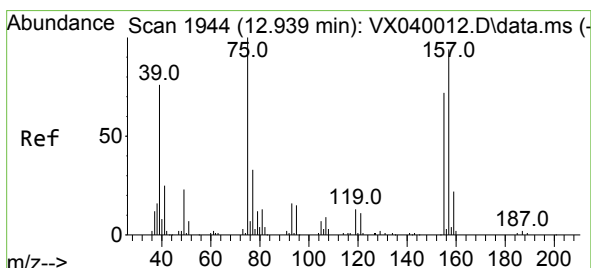
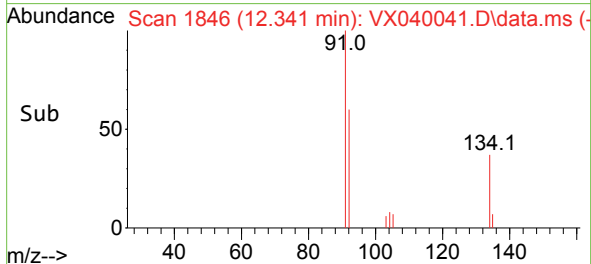
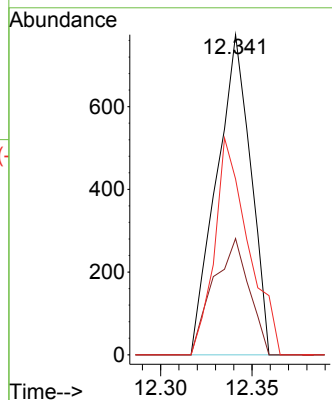
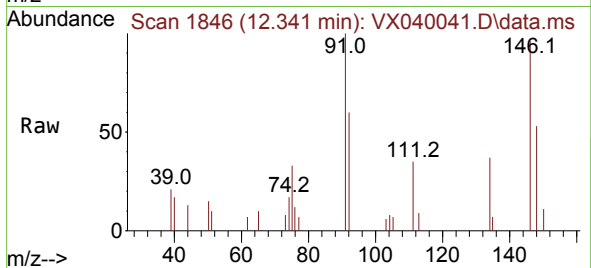
Tgt Ion:146 Resp: 1003

Ion Ratio Lower Upper

146 100

111 38.1 22.4 67.0

148 67.1 31.6 95.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.086 ug/l

RT: 12.951 min Scan# 1946

Delta R.T. 0.012 min

Lab File: VX040041.D

Acq: 31 Jan 2024 12:27

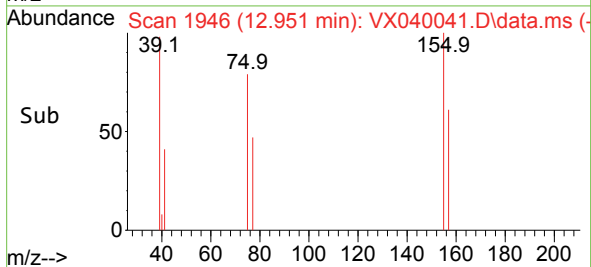
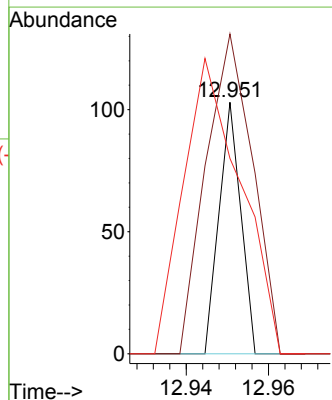
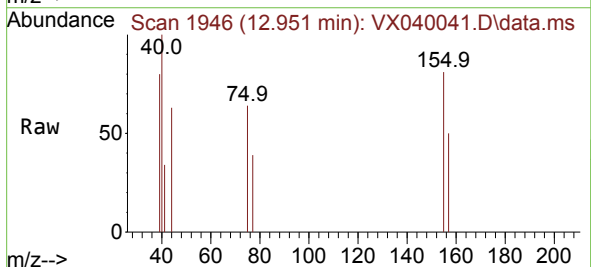
Tgt Ion: 75 Resp: 38

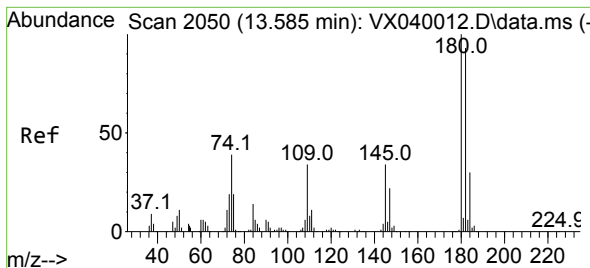
Ion Ratio Lower Upper

75 100

155 271.1 36.1 108.5#

157 307.9 44.9 134.7#





#93

1,2,4-Trichlorobenzene

Concen: 0.569 ug/l

RT: 13.597 min Scan# 2050

Delta R.T. 0.012 min

Lab File: VX040041.D

Acq: 31 Jan 2024 12:27

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT1-2024

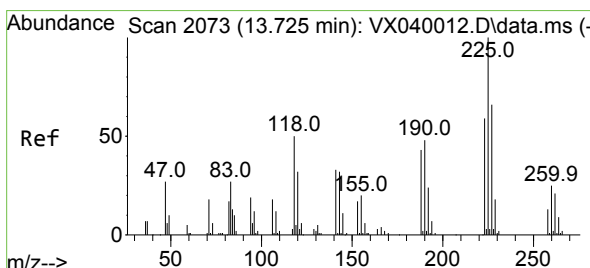
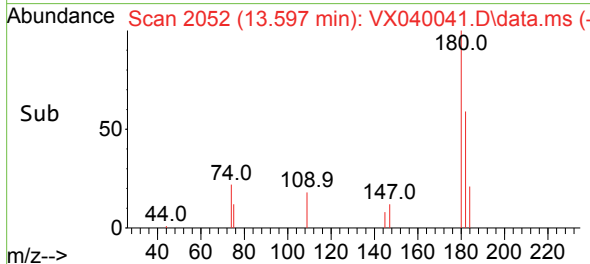
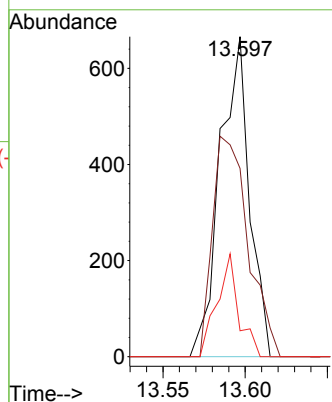
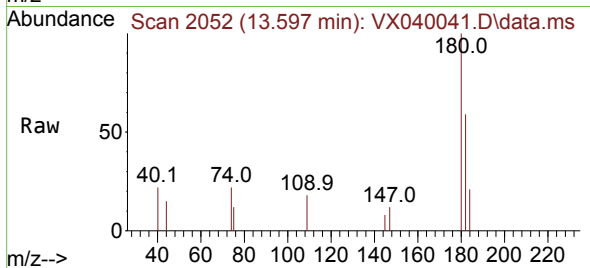
Tgt Ion:180 Resp: 829

Ion Ratio Lower Upper

180 100

182 83.1 48.3 144.8

145 23.4 18.0 54.0



#94

Hexachlorobutadiene

Concen: 0.439 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. -0.000 min

Lab File: VX040041.D

Acq: 31 Jan 2024 12:27

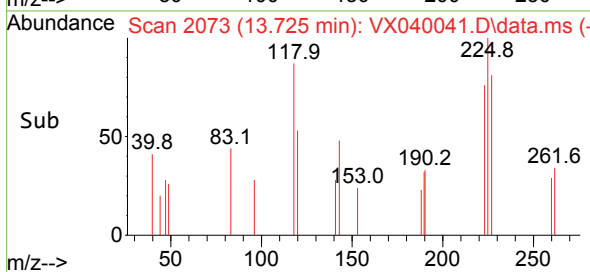
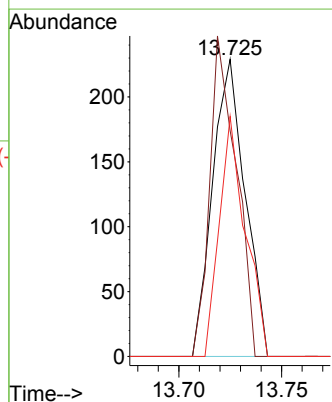
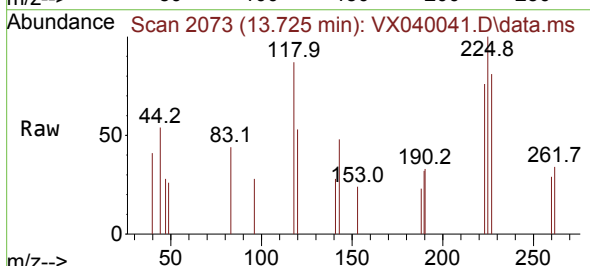
Tgt Ion:225 Resp: 252

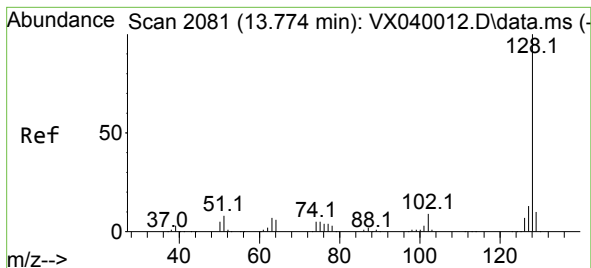
Ion Ratio Lower Upper

225 100

223 87.7 31.1 93.2

227 64.7 32.5 97.5





#95

Naphthalene

Concen: 0.518 ug/l

RT: 13.780 min Scan# 2081

Delta R.T. 0.006 min

Lab File: VX040041.D

Acq: 31 Jan 2024 12:27

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT1-2024

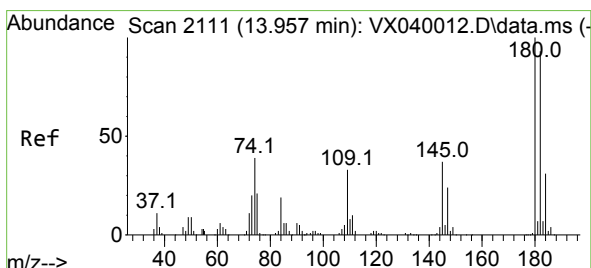
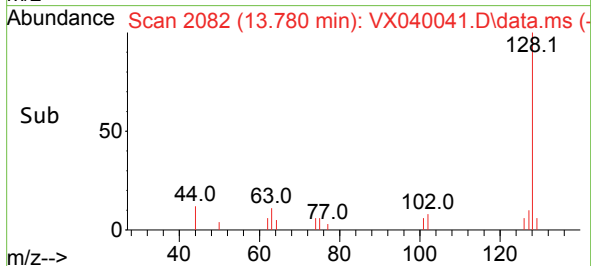
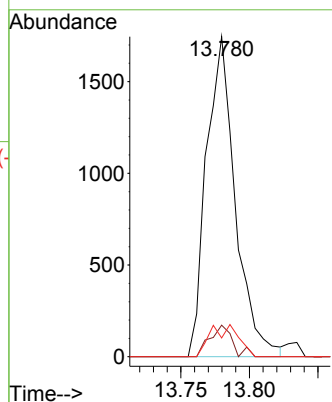
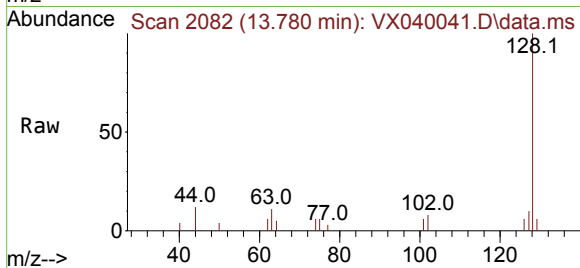
Tgt Ion:128 Resp: 2564

Ion Ratio Lower Upper

128 100

127 7.8 10.3 15.5#

129 9.8 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 0.488 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.006 min

Lab File: VX040041.D

Acq: 31 Jan 2024 12:27

Tgt Ion:180 Resp: 703

Ion Ratio Lower Upper

180 100

182 111.2 46.9 140.6

145 43.5 17.8 53.5

