

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051624\
 Data File : VX041554.D
 Acq On : 16 May 2024 11:20
 Operator : JC/MD
 Sample : P2403-09 2.5PPB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

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

Quant Time: May 17 02:37:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X051524W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu May 16 05:13:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.891	128	29845	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	164402	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	150097	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	70758	30.106	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 100.367%	
60) 4-Bromofluorobenzene	11.079	95	69089	29.486	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 98.300%	
63) Toluene-d8	8.647	98	196795	30.586	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 101.967%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.167	85	4102	2.628	ug/l	96
3) Chloromethane	1.295	50	4371	2.557	ug/l	97
4) Vinyl Chloride	1.374	62	4184	2.325	ug/l	91
5) Bromomethane	1.599	94	3096	2.705	ug/l	99
6) Chloroethane	1.666	64	2263m	2.487	ug/l	
7) Trichlorofluoromethane	1.868	101	8044	2.945	ug/l	96
8) Diethyl Ether	2.136	74	3162	3.100	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.319	101	4127	2.605	ug/l	98
10) 1,1-Dichloroethene	2.307	96	3994	2.616	ug/l	96
11) Methyl Iodide	2.447	142	4549	2.501	ug/l	96
12) Methyl Acetate	2.709	43	6318	2.747	ug/l	99
13) Acrolein	2.240	56	2579	9.212	ug/l	93
14) Acrylonitrile	3.075	53	12338	12.203	ug/l	96
15) Acetone	2.392	58	4539	16.755	ug/l	90
16) Carbon Disulfide	2.502	76	8051	2.335	ug/l	96
17) Allyl chloride	2.654	41	6580	2.428	ug/l	92
18) Methylene Chloride	2.788	84	5169	2.846	ug/l #	90
19) trans-1,2-Dichloroethene	3.087	96	4191	2.394	ug/l	98
20) Diisopropyl ether	3.764	45	14096	2.476	ug/l	87
21) 1,1-Dichloroethane	3.605	63	7973	2.495	ug/l	98
22) cis-1,2-Dichloroethene	4.489	96	5021	2.360	ug/l	99
23) tert-Butyl Alcohol	2.995	59	5137m	11.972	ug/l	
24) Methyl tert-Butyl Ether	3.117	73	14103	2.474	ug/l	97
25) Chloroform	5.087	83	8517	2.502	ug/l	97
26) Cyclohexane	5.458	56	6559	2.462	ug/l #	99
29) 1,1-Dichloropropene	5.690	75	5042	2.318	ug/l	96
30) 2-Butanone	4.581	43	19132	13.254	ug/l #	93
31) 2,2-Dichloropropane	4.465	77	6090	2.386	ug/l #	82
32) 1,1,1-Trichloroethane	5.385	97	6684	2.291	ug/l #	86
33) Carbon Tetrachloride	5.666	117	5649	2.263	ug/l	96
34) Benzene	6.032	78	17322	2.522	ug/l	97
35) Methacrylonitrile	4.928	41	3364m	2.310	ug/l	
36) 1,2-Dichloroethane	6.092	62	6614	2.581	ug/l #	86
37) Trichloroethene	7.129	130	4818	2.518	ug/l	94
38) Methylcyclohexane	7.373	83	6943	2.514	ug/l	99
39) 1,2-Dichloropropane	7.434	63	3965	2.442	ug/l	89
40) Dibromomethane	7.592	93	3107	2.432	ug/l	95
41) Bromodichloromethane	7.824	83	5461	2.276	ug/l	99
42) Vinyl Acetate	3.727	43	57897	11.560	ug/l	99

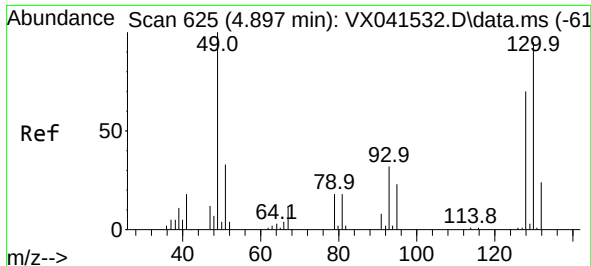
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051624\
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.721	43	7513m	2.697	ug/l	
44) Isopropyl Acetate	6.349	43	9934	2.360	ug/l	99
45) 1,4-Dioxane	7.684	88	2369m	49.893	ug/l	
46) Methyl methacrylate	7.702	41	4845	2.313	ug/l	98
47) n-amyl Acetate	10.848	43	8003	2.096	ug/l	97
48) t-1,3-Dichloropropene	8.982	75	4691	1.947	ug/l #	86
49) cis-1,3-Dichloropropene	8.373	75	5349	2.050	ug/l	94
50) 1,1,2-Trichloroethane	9.153	97	4628	2.604	ug/l	96
51) Ethyl methacrylate	9.122	69	5883	2.056	ug/l	97
52) 1,3-Dichloropropane	9.311	76	7619	2.594	ug/l	96
53) Dibromochloromethane	9.519	129	4310	2.131	ug/l	96
54) 1,2-Dibromoethane	9.610	107	4505	2.390	ug/l	100
55) 2-Chloroethyl vinyl ether	8.245	63	16555	11.854	ug/l	98
56) Bromoform	10.799	173	3181	1.963	ug/l	96
58) 4-Methyl-2-Pentanone	8.574	43	34362	12.529	ug/l	99
59) 2-Hexanone	9.433	43	26714	12.227	ug/l	99
61) Tetrachloroethene	9.269	164	4935	2.687	ug/l	96
62) Toluene	8.720	91	19442	2.603	ug/l	100
64) Chlorobenzene	10.080	112	12966	2.556	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.165	131	4120	2.295	ug/l	95
66) Ethyl Benzene	10.195	91	20369	2.456	ug/l	95
67) m/p-Xylenes	10.299	106	15646	4.825	ug/l	98
68) o-Xylene	10.640	106	7808	2.392	ug/l	99
69) Styrene	10.659	104	11982	2.189	ug/l	99
70) Isopropylbenzene	10.964	105	19435	2.356	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.214	83	7130	2.516	ug/l	99
72) 1,2,3-Trichloropropane	11.238	75	6375m	2.495	ug/l	
73) Bromobenzene	11.201	156	5949	2.454	ug/l	97
74) n-propylbenzene	11.305	91	20227	2.175	ug/l	98
75) 2-Chlorotoluene	11.366	91	14232	2.437	ug/l	100
76) 1,3,5-Trimethylbenzene	11.451	105	15805	2.245	ug/l	98
77) t-1,4-Dichloro-2-butene	11.018	75	1421	1.769	ug/l	97
78) 4-Chlorotoluene	11.457	91	14472	2.175	ug/l	95
79) tert-butylbenzene	11.713	119	17000	2.269	ug/l	97
80) 1,2,4-Trimethylbenzene	11.750	105	15622	2.214	ug/l	97
81) sec-Butylbenzene	11.890	105	19395	2.215	ug/l	100
82) p-Isopropyltoluene	12.006	119	16043	2.093	ug/l	97
83) 1,3-Dichlorobenzene	11.969	146	10110	2.326	ug/l	99
84) 1,4-Dichlorobenzene	12.043	146	10652	2.425	ug/l	95
85) n-Butylbenzene	12.335	91	11511	1.866	ug/l	97
86) Hexachloroethane	12.536	117	2509	1.944	ug/l	94
87) 1,2-Dichlorobenzene	12.335	146	10637	2.397	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	12.945	75	1370m	2.201	ug/l	
89) 1,2,4-Trichlorobenzene	13.591	180	6053	2.030	ug/l	97
90) Hexachlorobutadiene	13.725	225	3549	2.440	ug/l	98
91) Naphthalene	13.780	128	17977	2.018	ug/l	99
92) 1,2,3-Trichlorobenzene	13.963	180	6649	2.183	ug/l	99

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



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 4.891 min Scan# 61

Delta R.T. -0.006 min

Lab File: VX041554.D

Acq: 16 May 2024 11:20

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT2-2024

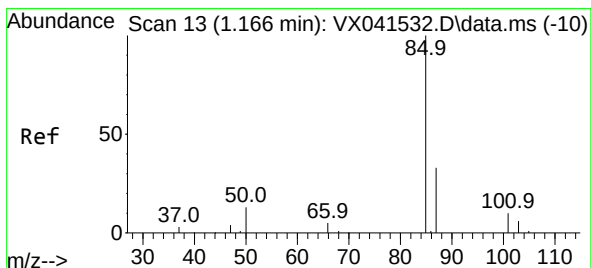
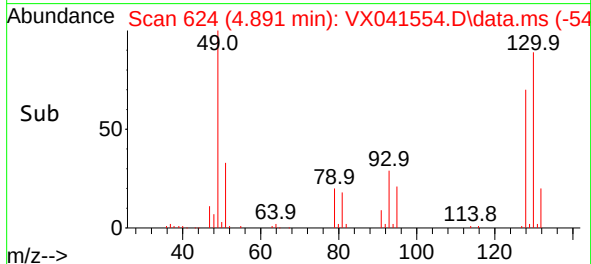
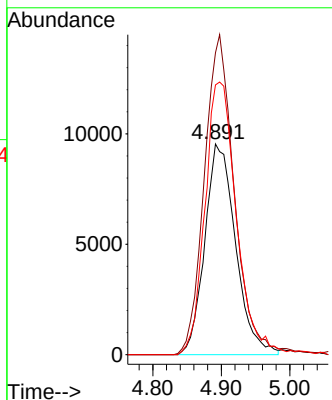
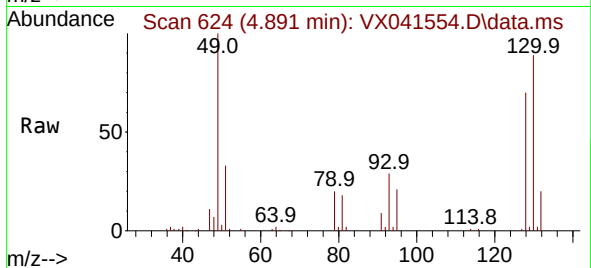
Tgt Ion:128 Resp: 29845

Ion Ratio Lower Upper

128 100

49 147.1 0.0 361.5

130 129.0 0.0 324.3



#2

Dichlorodifluoromethane

Concen: 2.628 ug/l

RT: 1.167 min Scan# 13

Delta R.T. 0.000 min

Lab File: VX041554.D

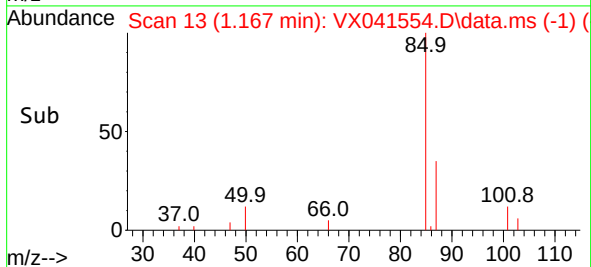
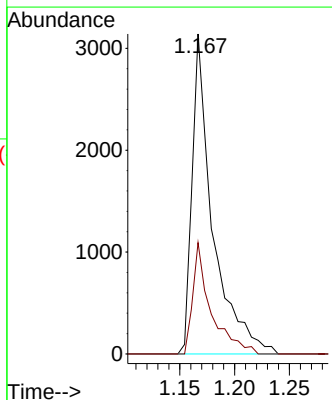
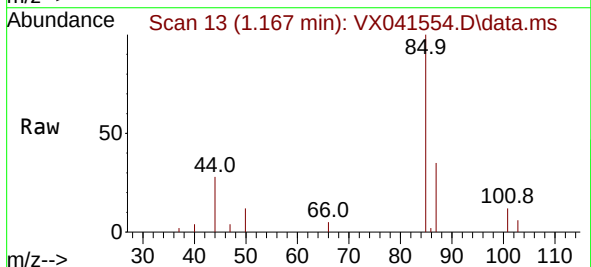
Acq: 16 May 2024 11:20

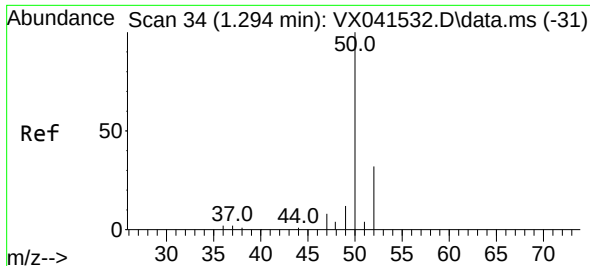
Tgt Ion: 85 Resp: 4102

Ion Ratio Lower Upper

85 100

87 34.8 16.4 49.1

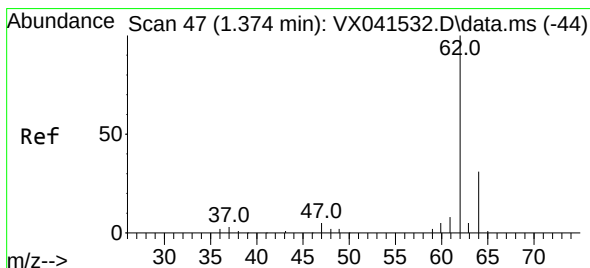
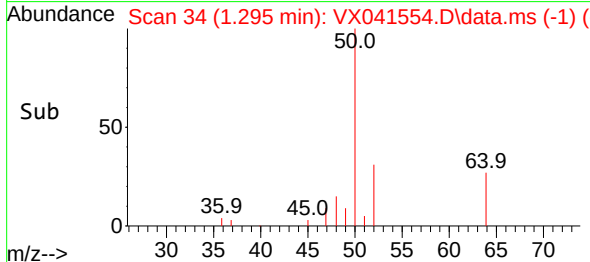
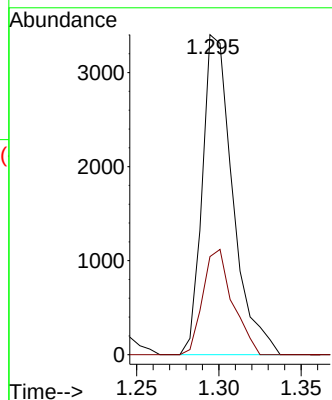
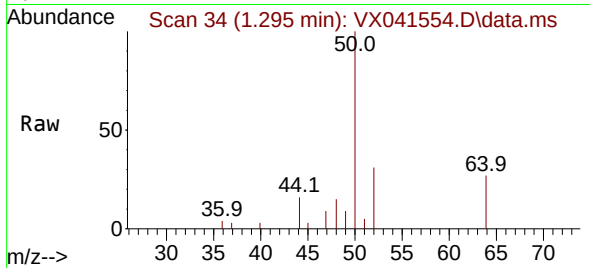




#3
Chloromethane
Concen: 2.557 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX041554.D
Acq: 16 May 2024 11:20

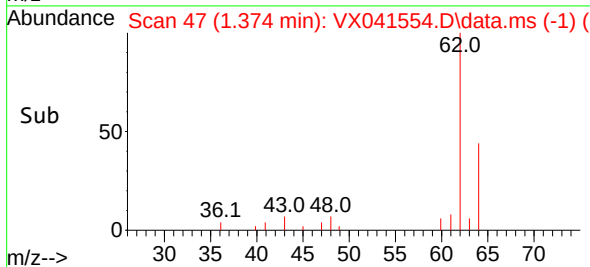
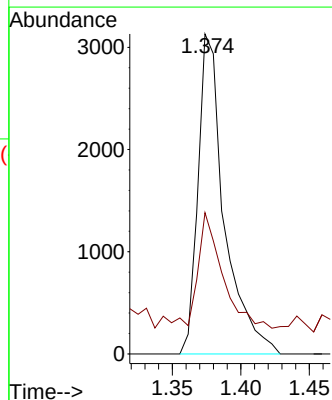
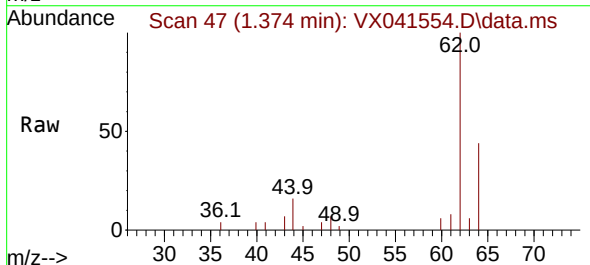
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2024

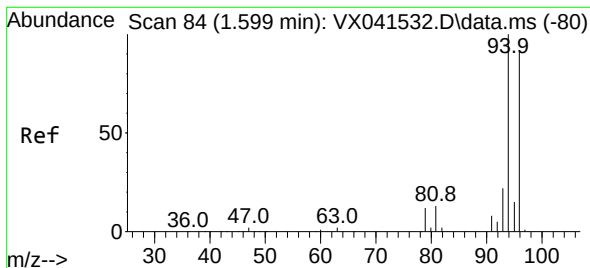
Tgt Ion: 50 Resp: 4371
Ion Ratio Lower Upper
50 100
52 30.6 25.8 38.8



#4
Vinyl Chloride
Concen: 2.325 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX041554.D
Acq: 16 May 2024 11:20

Tgt Ion: 62 Resp: 4184
Ion Ratio Lower Upper
62 100
64 35.6 24.6 37.0





#5

Bromomethane

Concen: 2.705 ug/l

RT: 1.599 min Scan# 84

Delta R.T. 0.000 min

Lab File: VX041554.D

Acq: 16 May 2024 11:20

Instrument :

MSVOA_X

ClientSampleId :

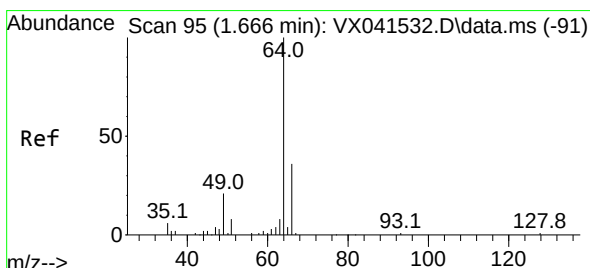
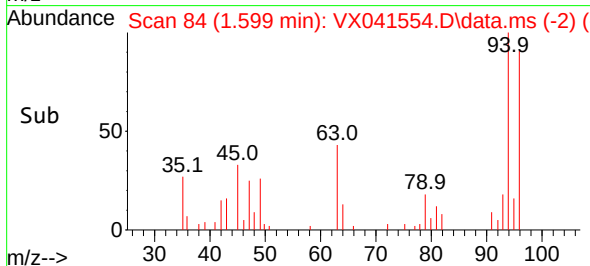
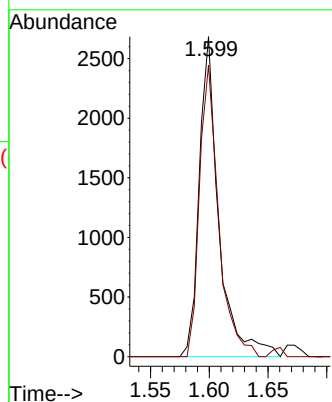
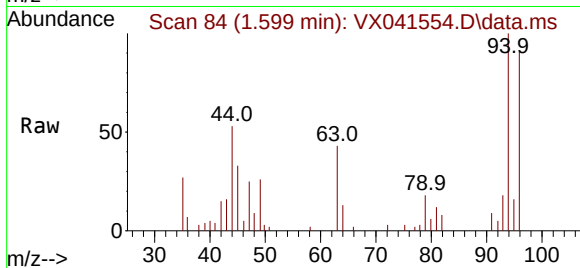
MDL-WATER-03-QT2-2024

Tgt Ion: 94 Resp: 3096

Ion Ratio Lower Upper

94 100

96 91.1 73.9 110.9



#6

Chloroethane

Concen: 2.487 ug/l m

RT: 1.666 min Scan# 95

Delta R.T. 0.000 min

Lab File: VX041554.D

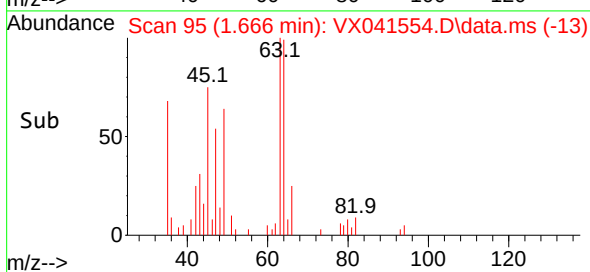
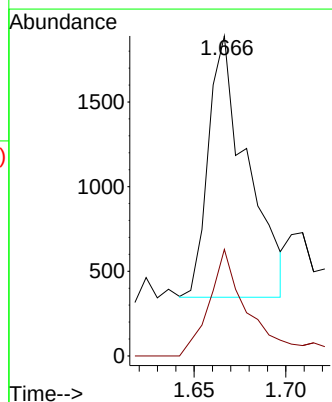
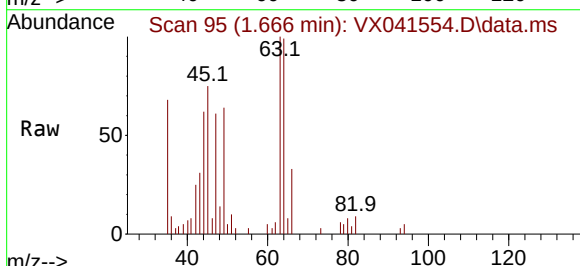
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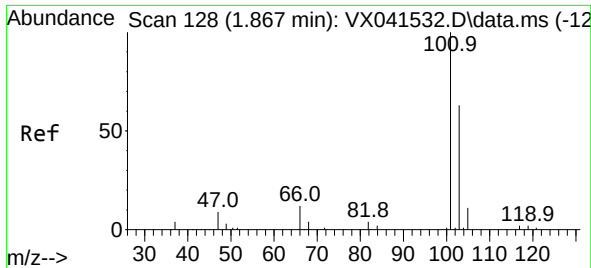
Tgt Ion: 64 Resp: 2263

Ion Ratio Lower Upper

64 100

66 33.3 28.6 42.8

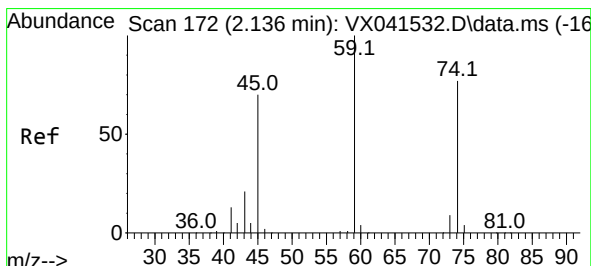
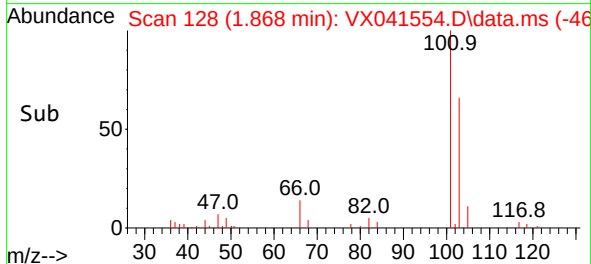
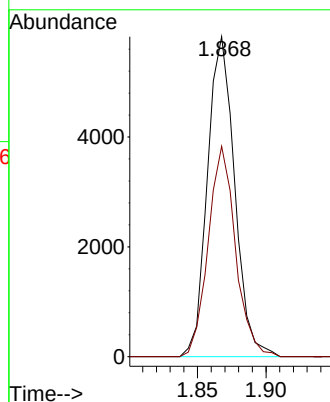
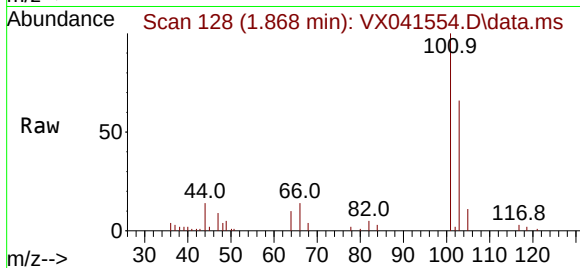




#7
 Trichlorofluoromethane
 Concen: 2.945 ug/l
 RT: 1.868 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX041554.D
 Acq: 16 May 2024 11:20

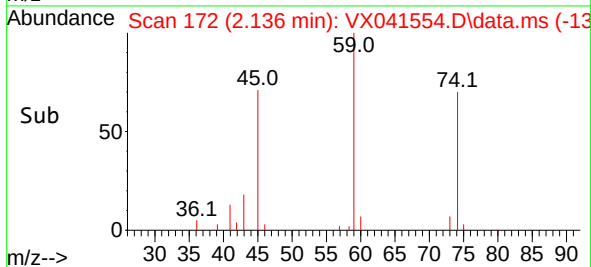
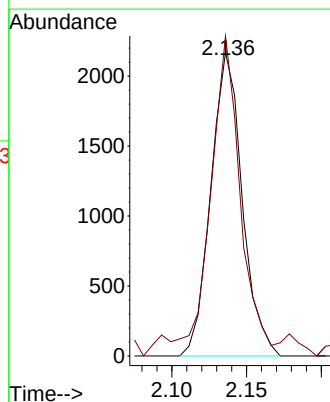
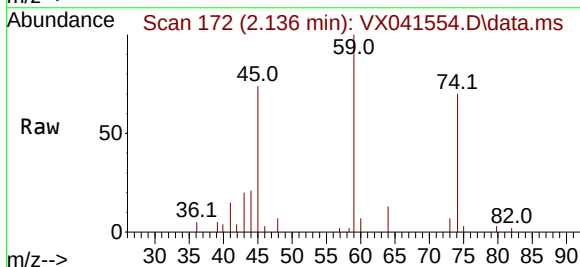
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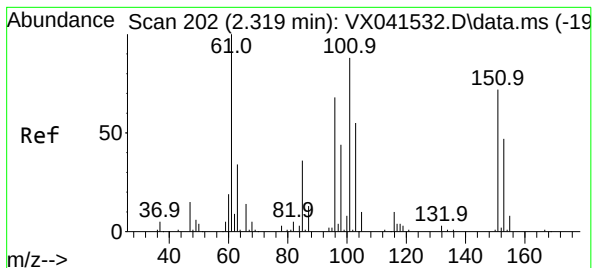
Tgt Ion:101 Resp: 8044
 Ion Ratio Lower Upper
 101 100
 103 65.7 50.1 75.1



#8
 Diethyl Ether
 Concen: 3.100 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. 0.000 min
 Lab File: VX041554.D
 Acq: 16 May 2024 11:20

Tgt Ion: 74 Resp: 3162
 Ion Ratio Lower Upper
 74 100
 45 96.7 18.6 167.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 2.605 ug/l

RT: 2.319 min Scan# 20

Delta R.T. 0.000 min

Lab File: VX041554.D

Acq: 16 May 2024 11:20

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT2-2024

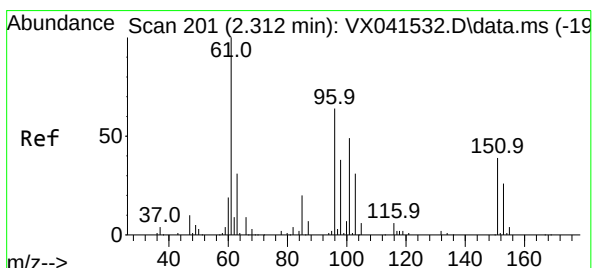
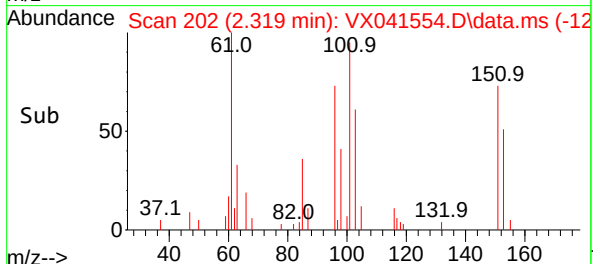
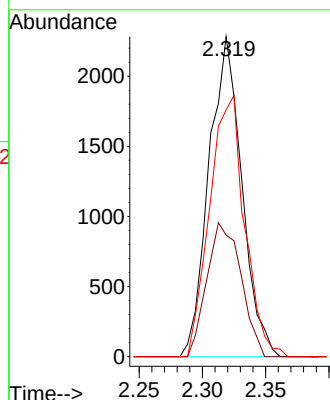
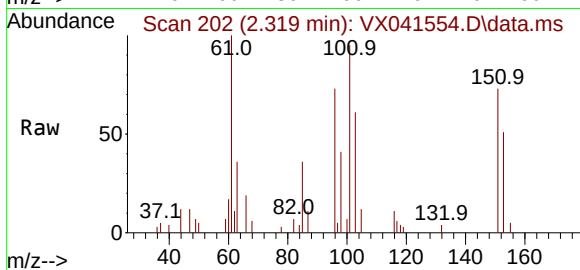
Tgt Ion:101 Resp: 4127

Ion Ratio Lower Upper

101 100

85 43.4 0.0 84.6

151 86.6 0.0 170.2



#10

1,1-Dichloroethene

Concen: 2.616 ug/l

RT: 2.307 min Scan# 200

Delta R.T. -0.006 min

Lab File: VX041554.D

Acq: 16 May 2024 11:20

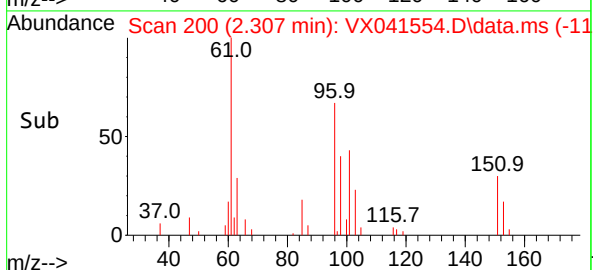
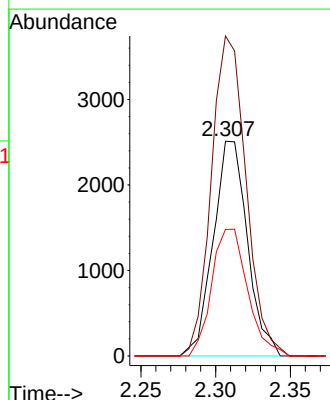
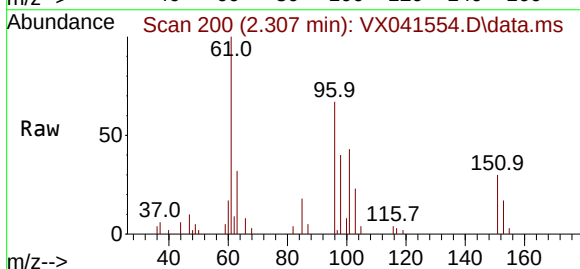
Tgt Ion: 96 Resp: 3994

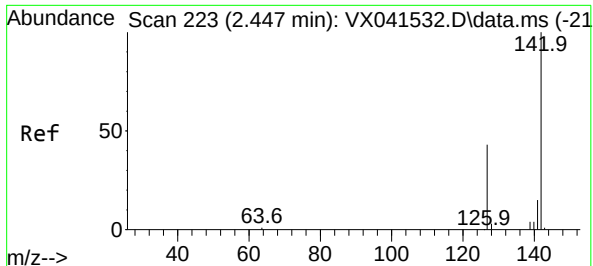
Ion Ratio Lower Upper

96 100

61 149.1 124.5 186.7

98 59.0 47.9 71.9





#11

Methyl Iodide

Concen: 2.501 ug/l

RT: 2.447 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX041554.D

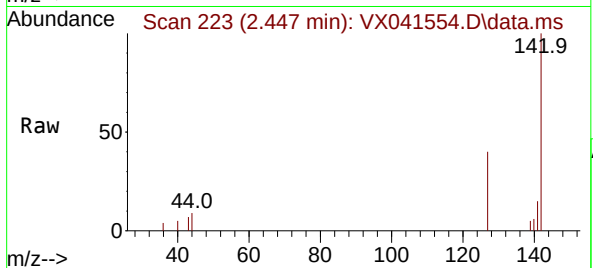
Acq: 16 May 2024 11:20

Instrument :

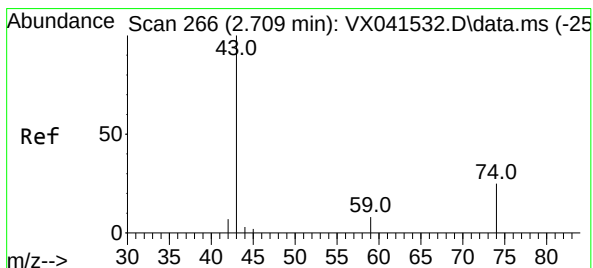
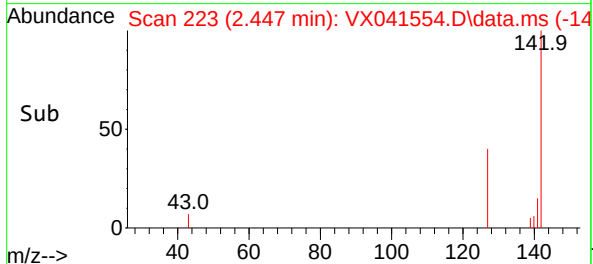
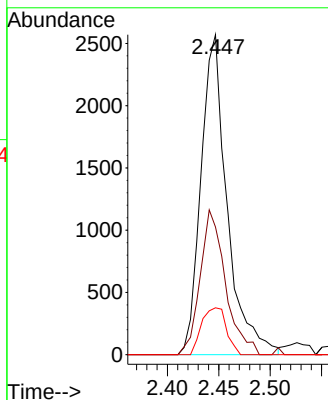
MSVOA_X

ClientSampleId :

MDL-WATER-03-QT2-2024



Tgt Ion:	142	Resp:	4549
Ion	Ratio	Lower	Upper
142	100		
127	39.2	21.4	64.2
141	14.8	7.6	22.8



#12

Methyl Acetate

Concen: 2.747 ug/l

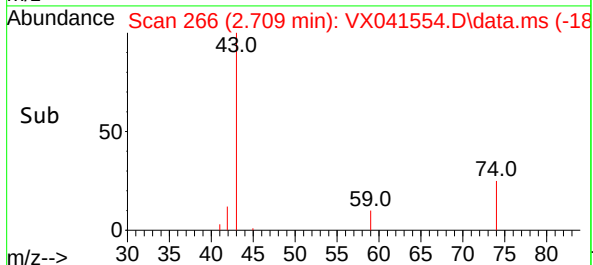
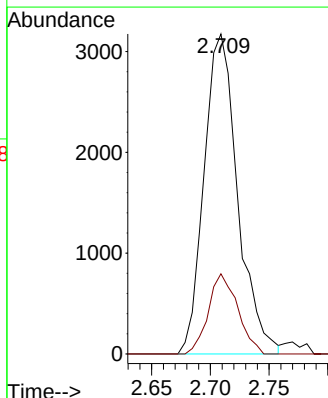
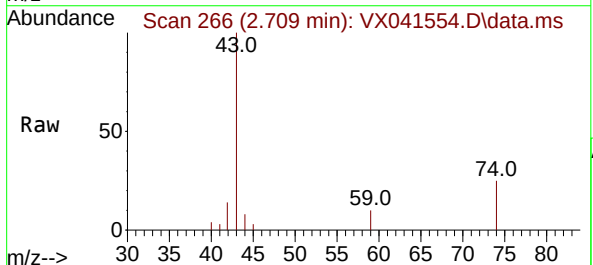
RT: 2.709 min Scan# 266

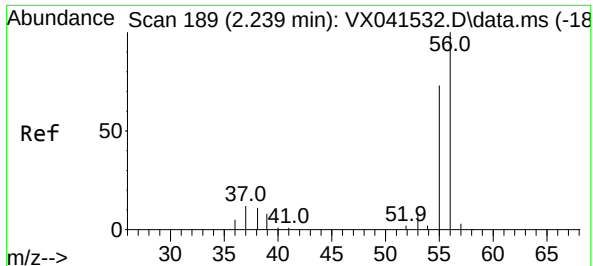
Delta R.T. 0.000 min

Lab File: VX041554.D

Acq: 16 May 2024 11:20

Tgt Ion:	43	Resp:	6318
Ion	Ratio	Lower	Upper
43	100		
74	25.4	19.9	29.9





#13

Acrolein

Concen: 9.212 ug/l

RT: 2.240 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX041554.D

Acq: 16 May 2024 11:20

Instrument :

MSVOA_X

ClientSampleId :

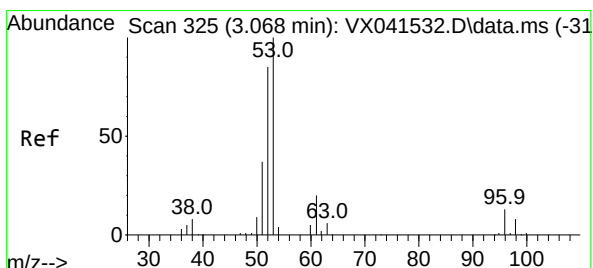
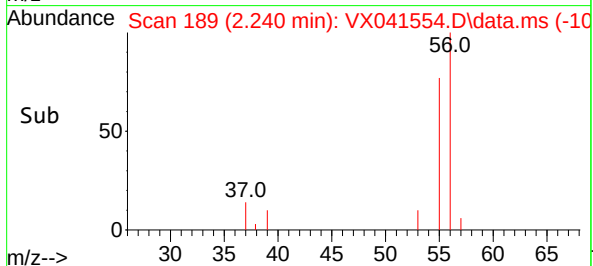
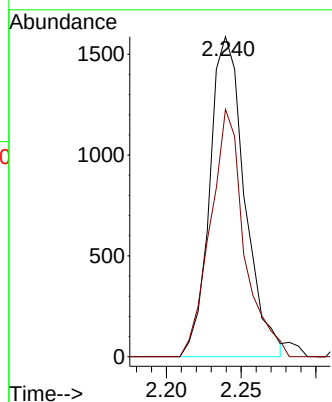
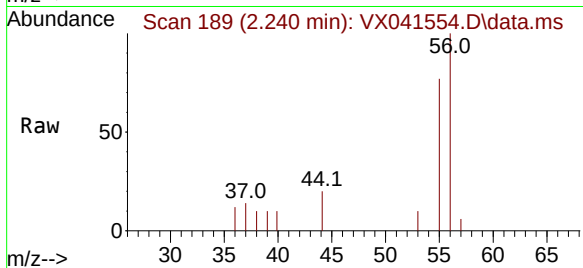
MDL-WATER-03-QT2-2024

Tgt Ion: 56 Resp: 2579

Ion Ratio Lower Upper

56 100

55 75.0 55.1 82.7



#14

Acrylonitrile

Concen: 12.203 ug/l

RT: 3.075 min Scan# 326

Delta R.T. 0.006 min

Lab File: VX041554.D

Acq: 16 May 2024 11:20

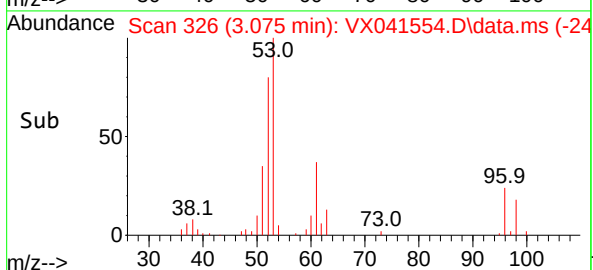
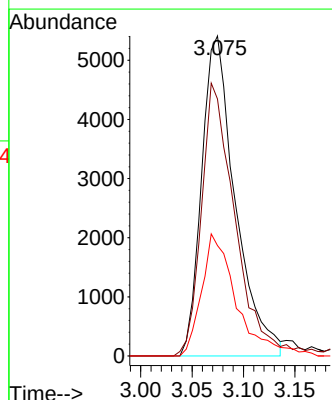
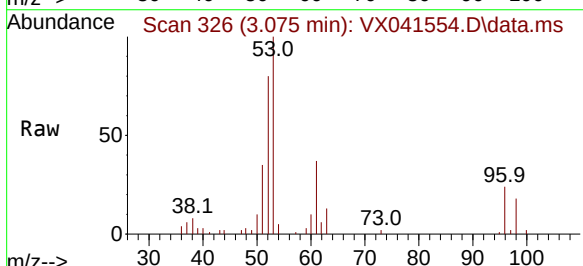
Tgt Ion: 53 Resp: 12338

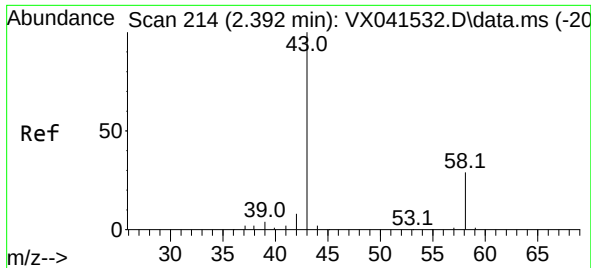
Ion Ratio Lower Upper

53 100

52 86.0 41.3 123.7

51 39.8 18.4 55.0





#15

Acetone

Concen: 16.755 ug/l

RT: 2.392 min Scan# 214

Delta R.T. 0.000 min

Lab File: VX041554.D

Acq: 16 May 2024 11:20

Instrument :

MSVOA_X

ClientSampleId :

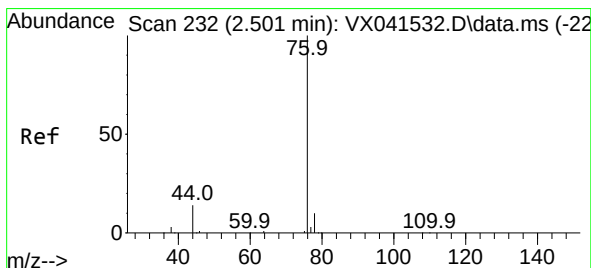
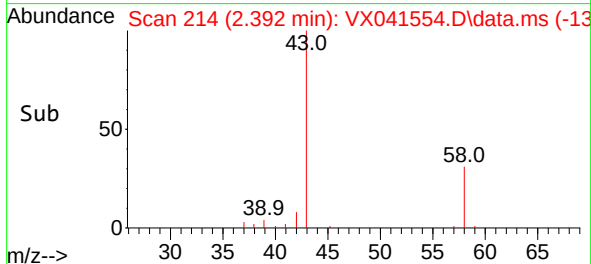
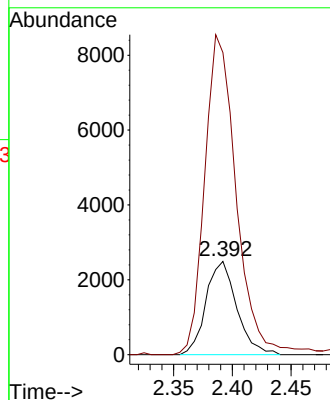
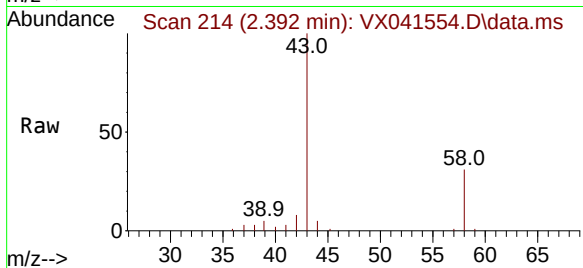
MDL-WATER-03-QT2-2024

Tgt Ion: 58 Resp: 4539

Ion Ratio Lower Upper

58 100

43 321.2 274.0 411.0



#16

Carbon Disulfide

Concen: 2.335 ug/l

RT: 2.502 min Scan# 232

Delta R.T. 0.000 min

Lab File: VX041554.D

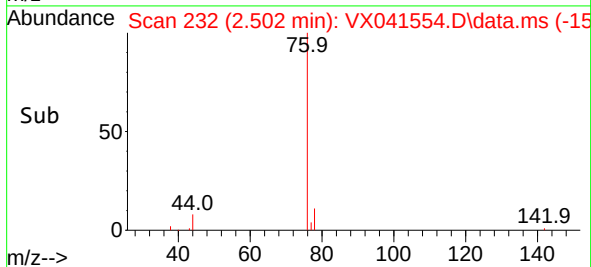
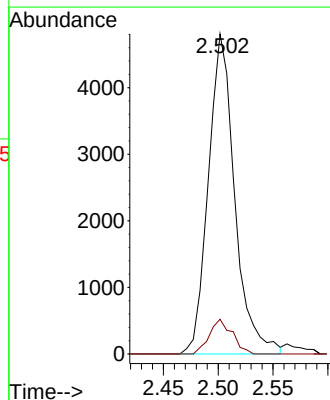
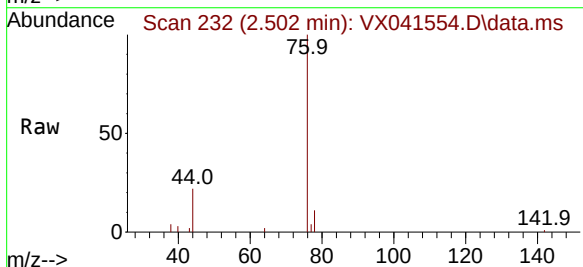
Acq: 16 May 2024 11:20

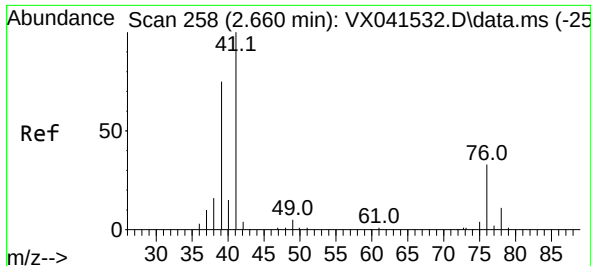
Tgt Ion: 76 Resp: 8051

Ion Ratio Lower Upper

76 100

78 10.9 7.6 11.4





#17

Allyl chloride

Concen: 2.428 ug/l

RT: 2.654 min Scan# 257

Delta R.T. -0.006 min

Lab File: VX041554.D

Acq: 16 May 2024 11:20

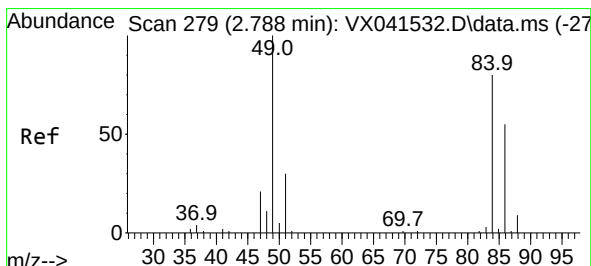
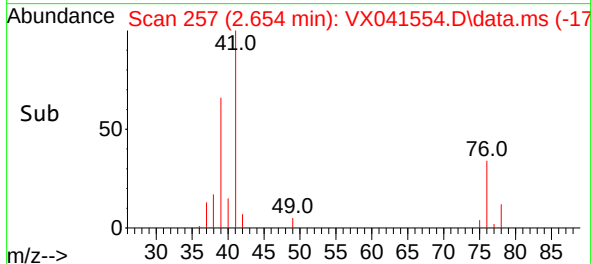
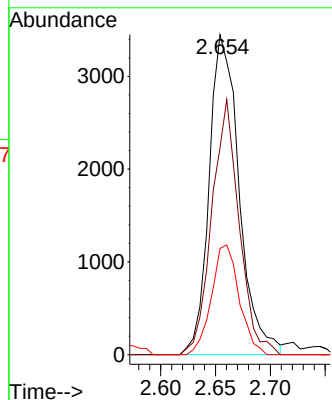
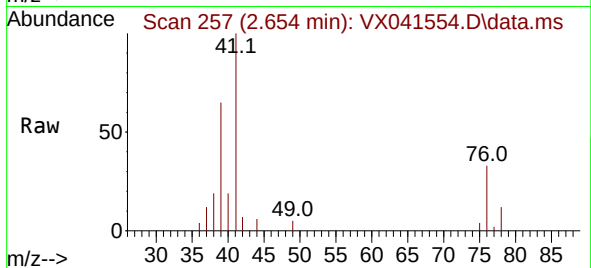
Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT2-2024

Tgt Ion:	41	Resp:	6580
Ion	Ratio	Lower	Upper
41	100		
39	64.7	37.5	112.7
76	33.2	16.6	49.8



#18

Methylene Chloride

Concen: 2.846 ug/l

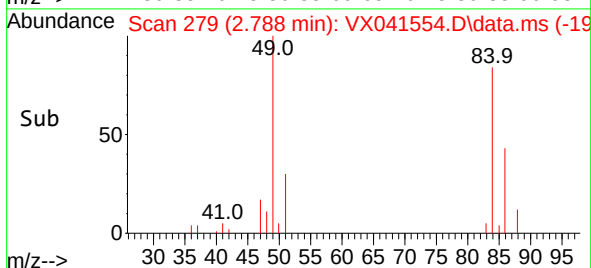
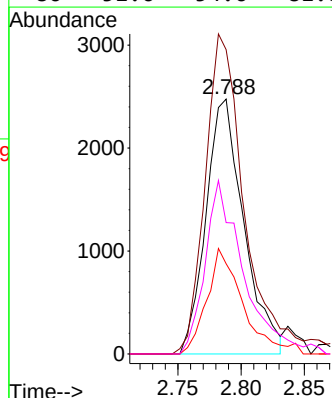
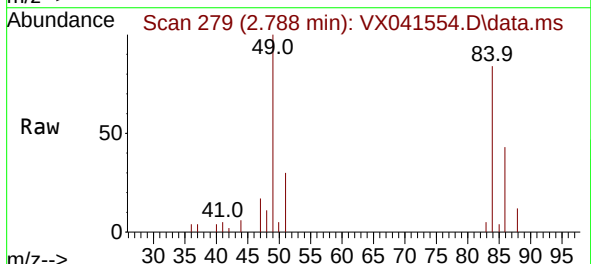
RT: 2.788 min Scan# 279

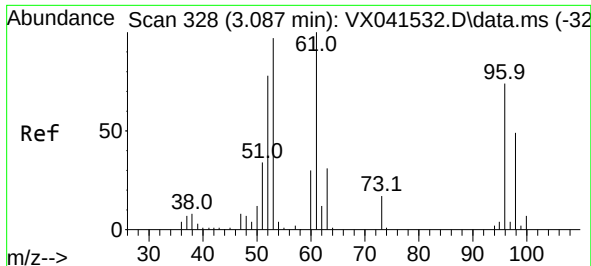
Delta R.T. 0.000 min

Lab File: VX041554.D

Acq: 16 May 2024 11:20

Tgt Ion:	84	Resp:	5169
Ion	Ratio	Lower	Upper
84	100		
49	117.3	99.8	149.8
51	35.4	30.2	45.4
86	51.6	54.6	81.8





#19

trans-1,2-Dichloroethene

Concen: 2.394 ug/l

RT: 3.087 min Scan# 31

Delta R.T. 0.000 min

Lab File: VX041554.D

Acq: 16 May 2024 11:20

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT2-2024

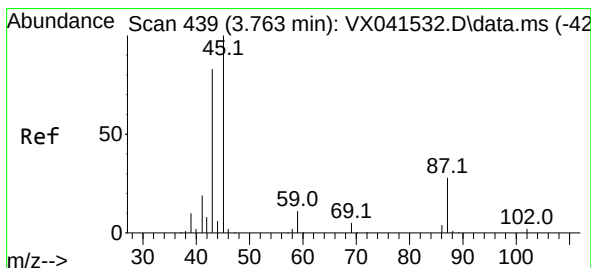
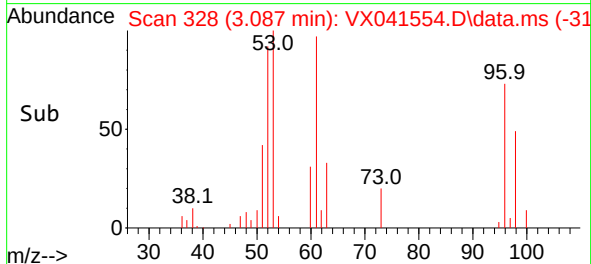
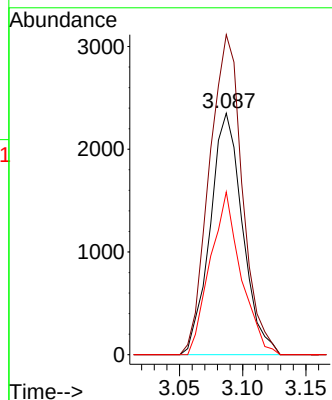
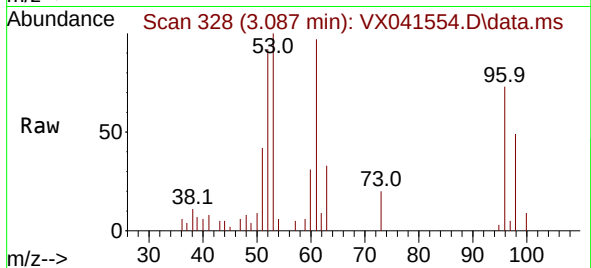
Tgt Ion: 96 Resp: 4191

Ion Ratio Lower Upper

96 100

61 132.5 107.7 161.5

98 67.4 53.1 79.7



#20

Diisopropyl ether

Concen: 2.476 ug/l

RT: 3.764 min Scan# 439

Delta R.T. 0.000 min

Lab File: VX041554.D

Acq: 16 May 2024 11:20

Tgt Ion: 45 Resp: 14096

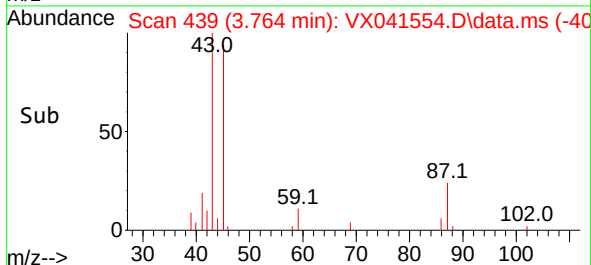
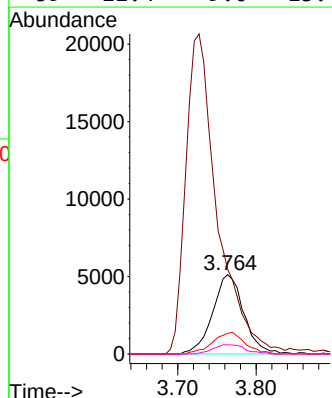
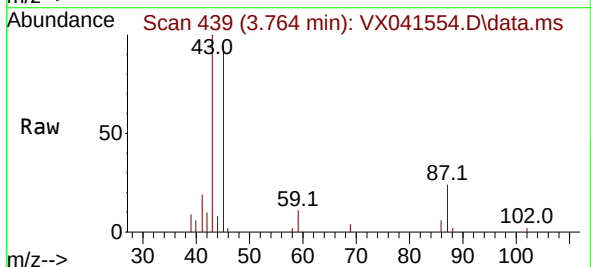
Ion Ratio Lower Upper

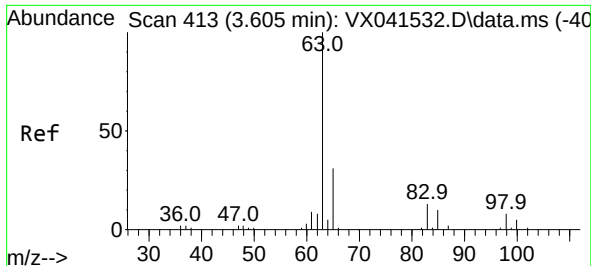
45 100

43 99.5 66.7 100.1

87 26.1 22.4 33.6

59 11.4 9.0 13.4





#21

1,1-Dichloroethane

Concen: 2.495 ug/l

RT: 3.605 min Scan# 413

Delta R.T. 0.000 min

Lab File: VX041554.D

Acq: 16 May 2024 11:20

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT2-2024

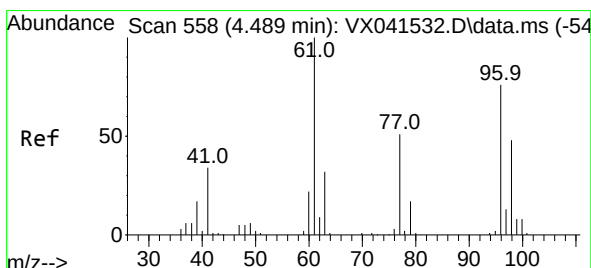
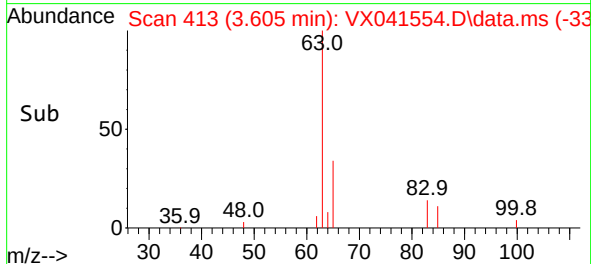
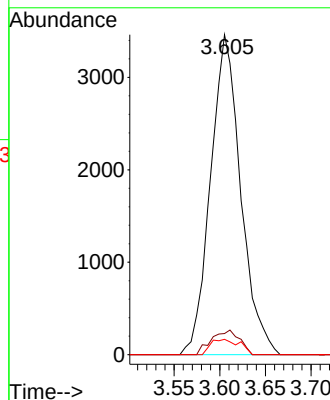
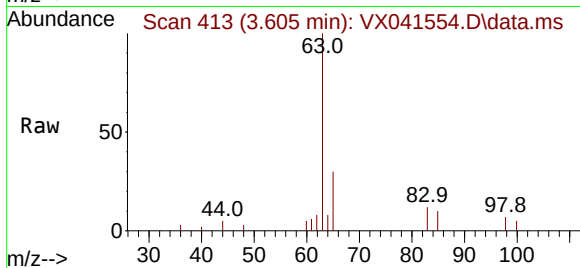
Tgt Ion: 63 Resp: 7973

Ion Ratio Lower Upper

63 100

98 6.6 3.8 11.4

100 4.8 2.5 7.4



#22

cis-1,2-Dichloroethene

Concen: 2.360 ug/l

RT: 4.489 min Scan# 558

Delta R.T. 0.000 min

Lab File: VX041554.D

Acq: 16 May 2024 11:20

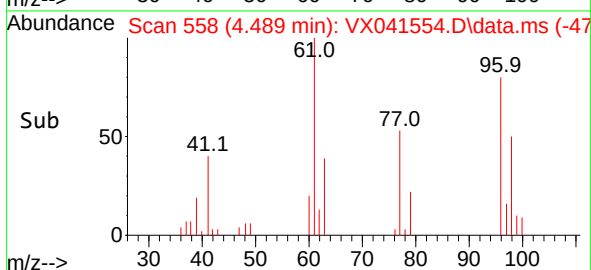
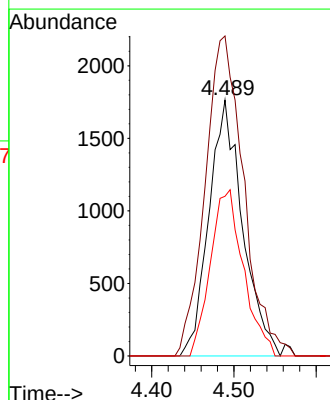
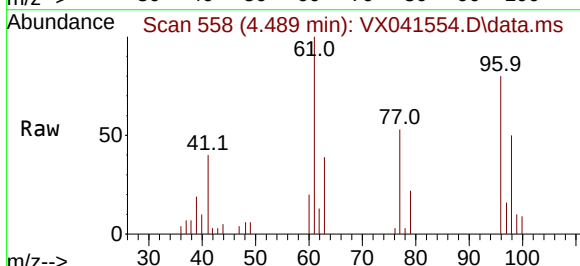
Tgt Ion: 96 Resp: 5021

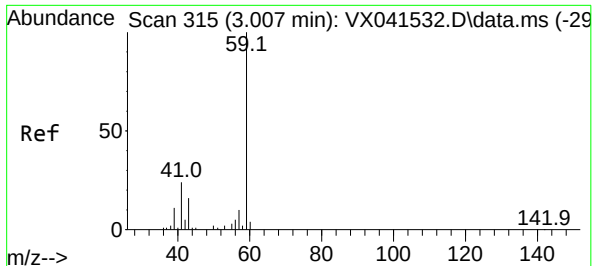
Ion Ratio Lower Upper

96 100

61 143.2 114.2 171.4

98 63.7 52.6 79.0

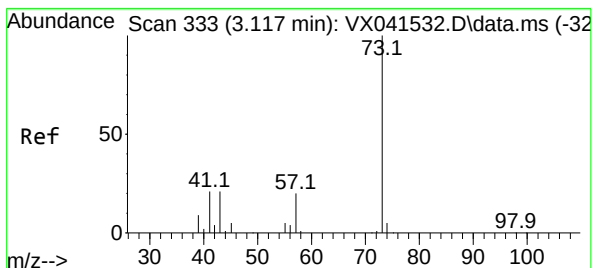
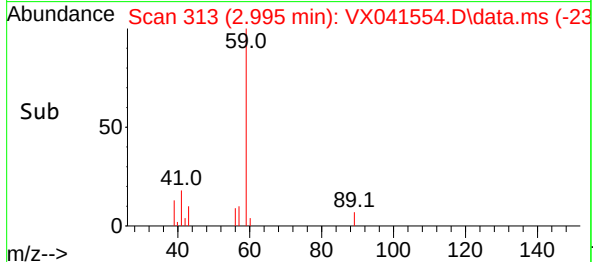
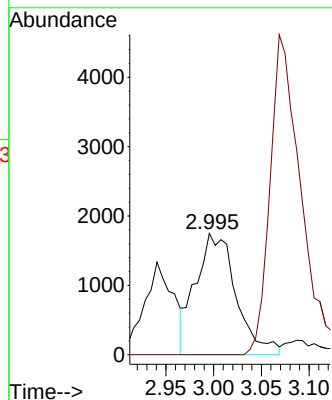
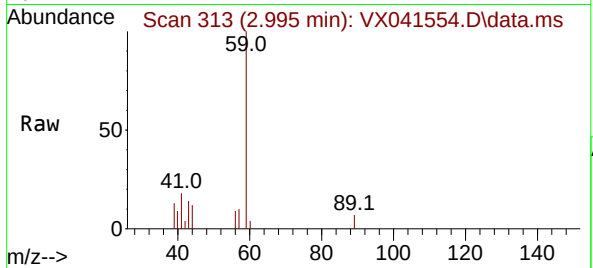




#23
tert-Butyl Alcohol
Concen: 11.972 ug/l m
RT: 2.995 min Scan# 315
Delta R.T. -0.012 min
Lab File: VX041554.D
Acq: 16 May 2024 11:20

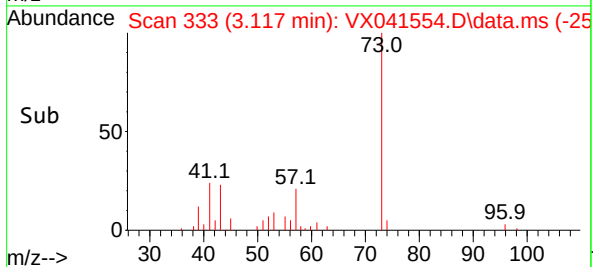
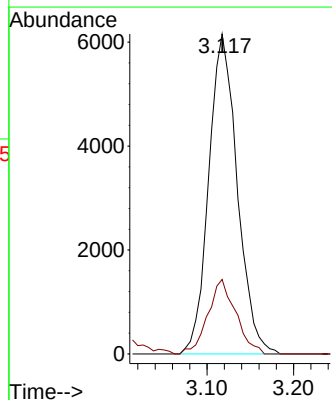
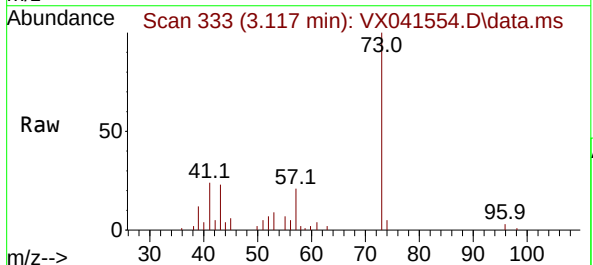
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2024

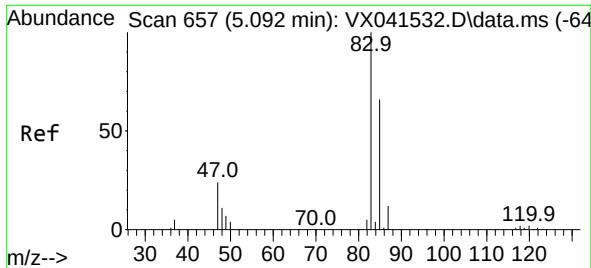
Tgt Ion: 59 Resp: 5137
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0



#24
Methyl tert-Butyl Ether
Concen: 2.474 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX041554.D
Acq: 16 May 2024 11:20

Tgt Ion: 73 Resp: 14103
Ion Ratio Lower Upper
73 100
43 22.8 17.2 25.8





#25

Chloroform

Concen: 2.502 ug/l

RT: 5.087 min Scan# 61

Delta R.T. -0.006 min

Lab File: VX041554.D

Acq: 16 May 2024 11:20

Instrument :

MSVOA_X

ClientSampleId :

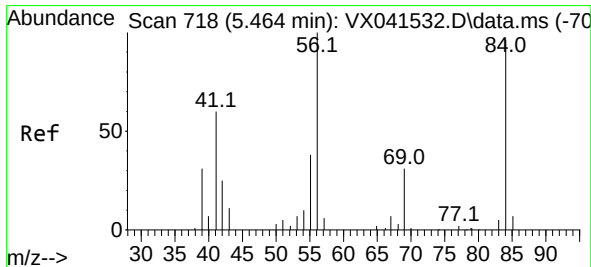
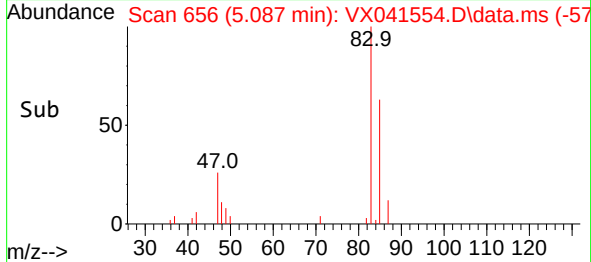
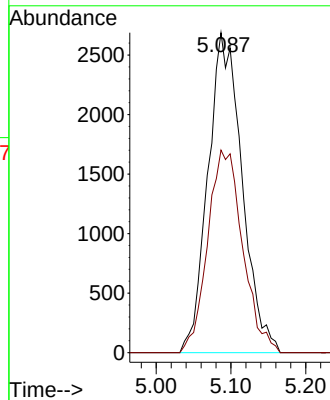
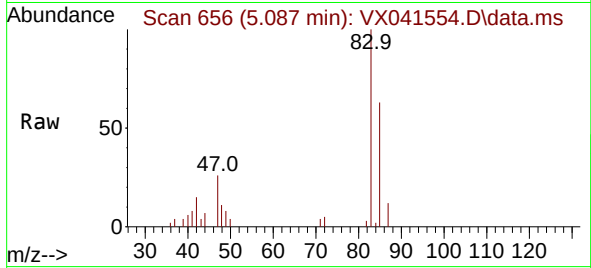
MDL-WATER-03-QT2-2024

Tgt Ion: 83 Resp: 8517

Ion Ratio Lower Upper

83 100

85 63.3 52.9 79.3



#26

Cyclohexane

Concen: 2.462 ug/l

RT: 5.458 min Scan# 717

Delta R.T. -0.006 min

Lab File: VX041554.D

Acq: 16 May 2024 11:20

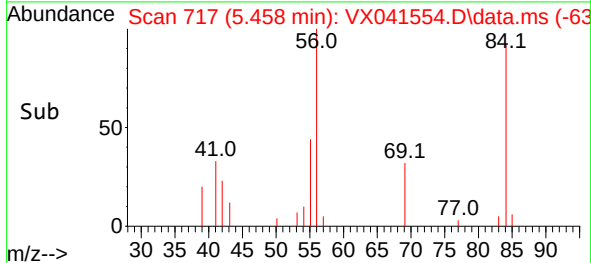
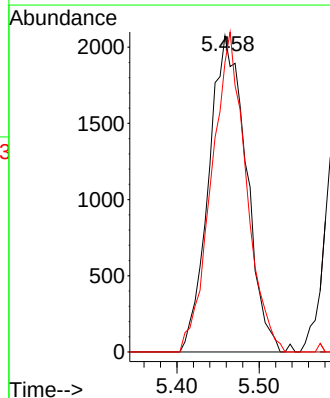
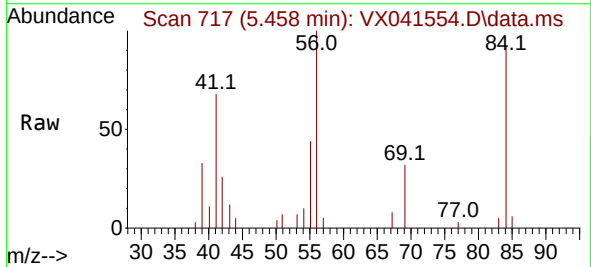
Tgt Ion: 56 Resp: 6559

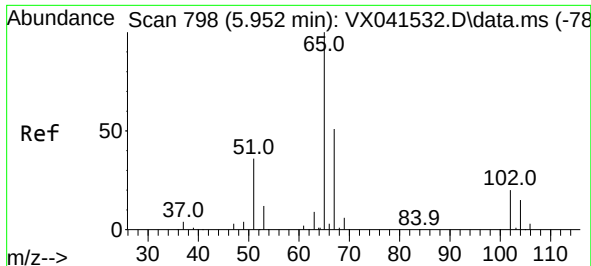
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 93.5 74.0 111.0





#27

1,2-Dichloroethane-d4

Concen: 30.106 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX041554.D

Acq: 16 May 2024 11:20

Instrument :

MSVOA_X

ClientSampleId :

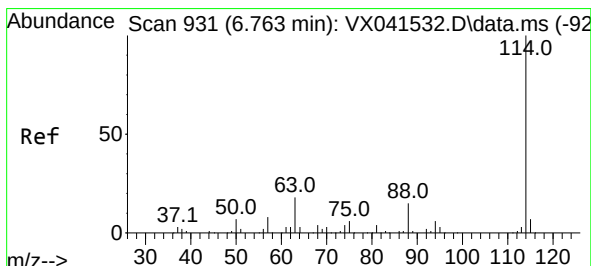
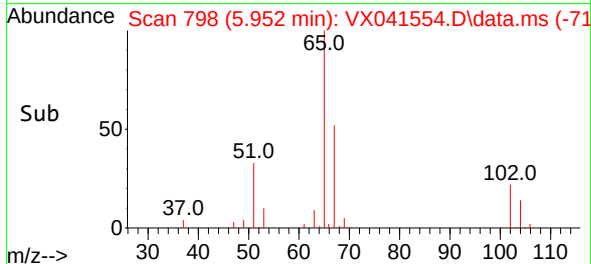
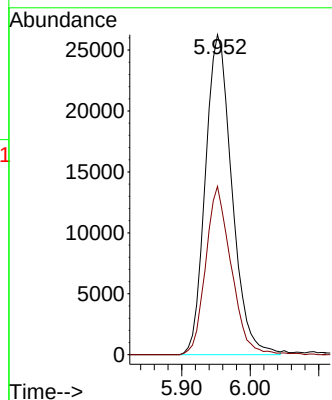
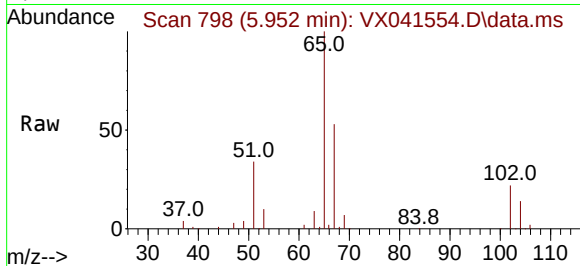
MDL-WATER-03-QT2-2024

Tgt Ion: 65 Resp: 70758

Ion Ratio Lower Upper

65 100

67 50.4 40.8 61.2



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX041554.D

Acq: 16 May 2024 11:20

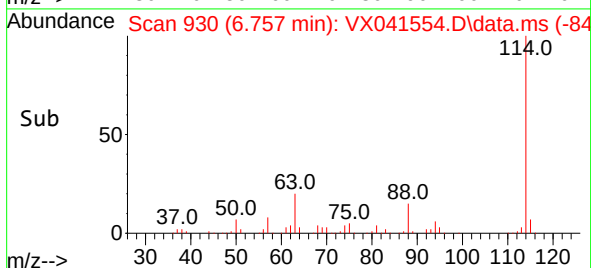
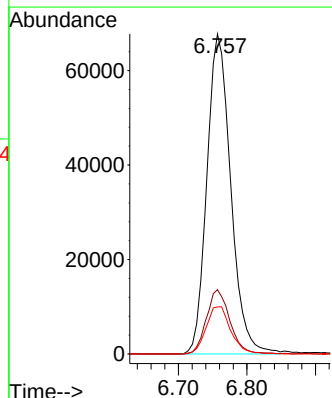
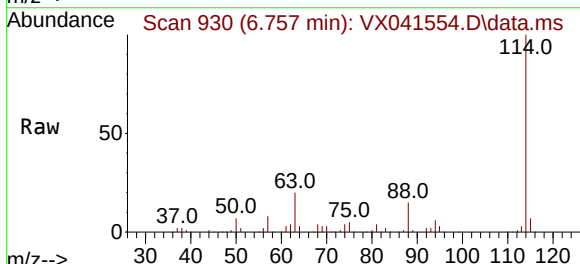
Tgt Ion: 114 Resp: 164402

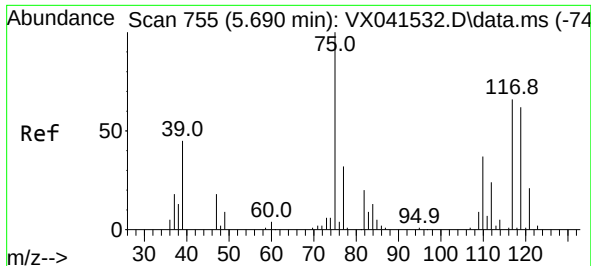
Ion Ratio Lower Upper

114 100

63 19.7 15.4 23.0

88 15.2 12.2 18.2





#29

1,1-Dichloropropene

Concen: 2.318 ug/l

RT: 5.690 min Scan# 755

Delta R.T. 0.000 min

Lab File: VX041554.D

Acq: 16 May 2024 11:20

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT2-2024

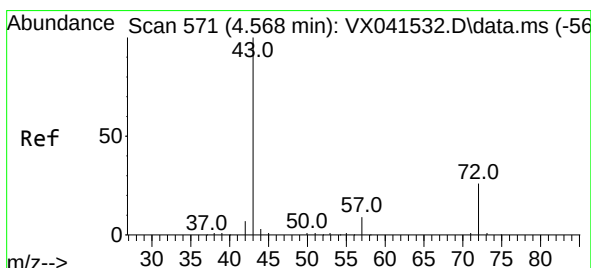
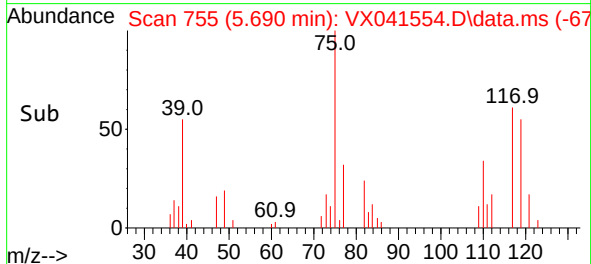
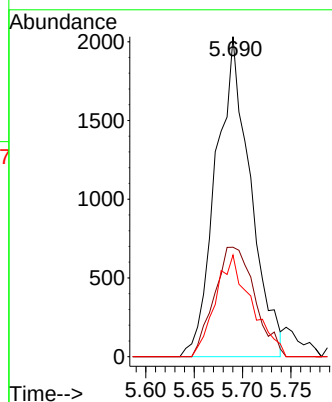
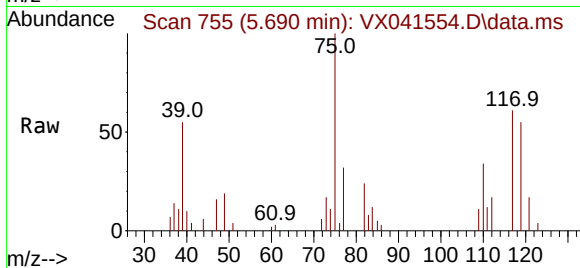
Tgt Ion: 75 Resp: 5042

Ion Ratio Lower Upper

75 100

110 40.0 0.0 74.4

77 33.1 0.0 62.6



#30

2-Butanone

Concen: 13.254 ug/l

RT: 4.581 min Scan# 573

Delta R.T. 0.012 min

Lab File: VX041554.D

Acq: 16 May 2024 11:20

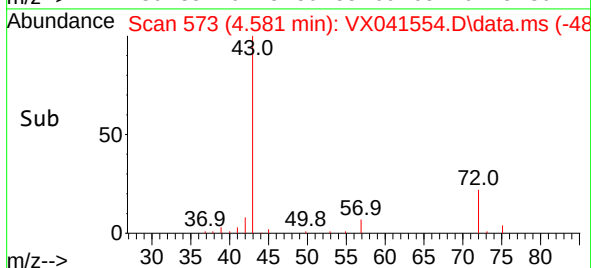
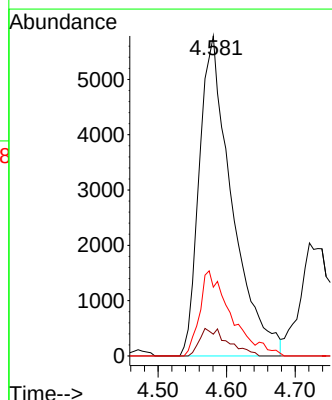
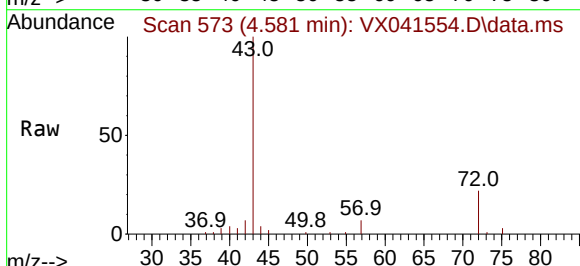
Tgt Ion: 43 Resp: 19132

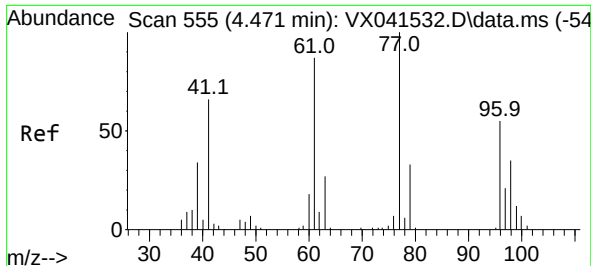
Ion Ratio Lower Upper

43 100

57 2.0 6.6 10.0#

72 24.2 20.7 31.1

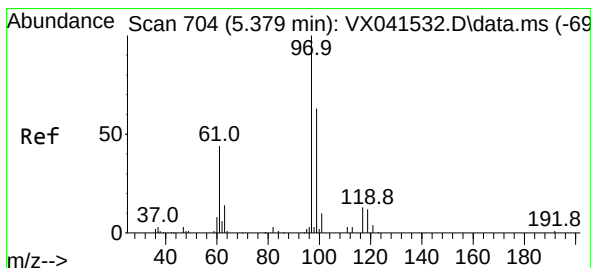
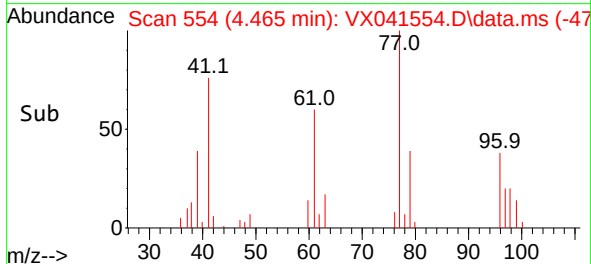
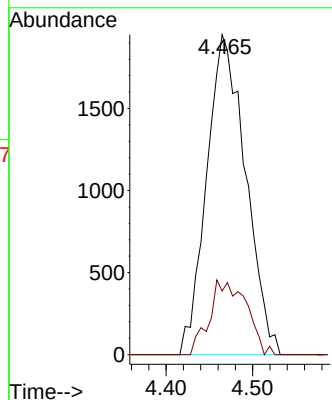
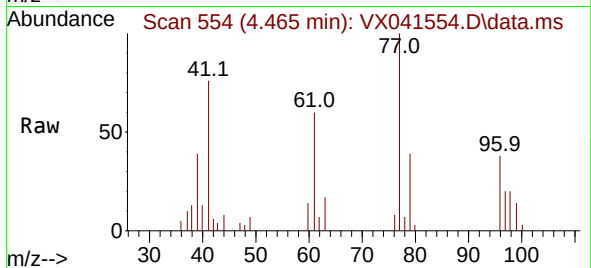




#31
2,2-Dichloropropane
Concen: 2.386 ug/l
RT: 4.465 min Scan# 51
Delta R.T. -0.006 min
Lab File: VX041554.D
Acq: 16 May 2024 11:20

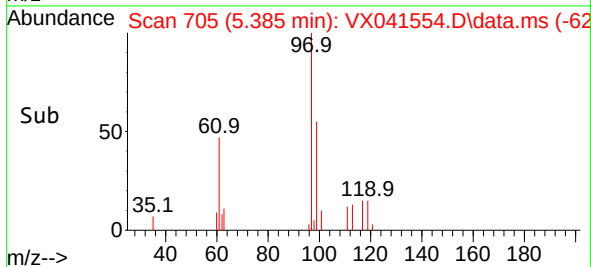
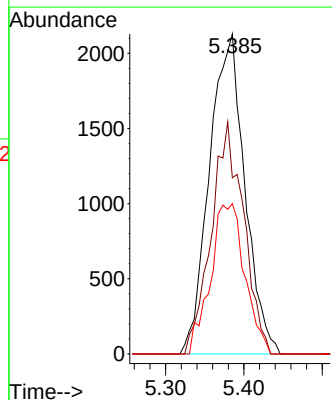
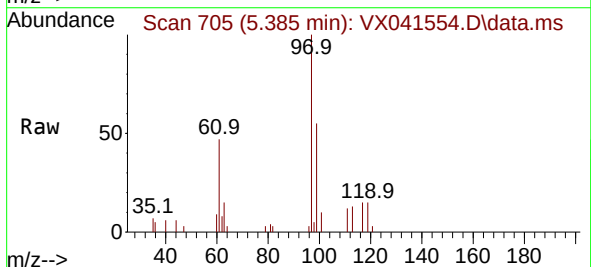
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2024

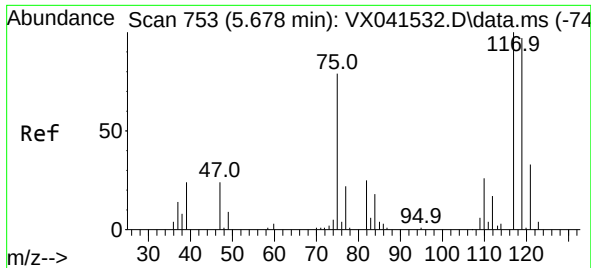
Tgt Ion: 77 Resp: 6090
Ion Ratio Lower Upper
77 100
97 13.7 18.0 27.0#



#32
1,1,1-Trichloroethane
Concen: 2.291 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX041554.D
Acq: 16 May 2024 11:20

Tgt Ion: 97 Resp: 6684
Ion Ratio Lower Upper
97 100
99 66.4 50.7 76.1
61 25.2 34.6 51.8#

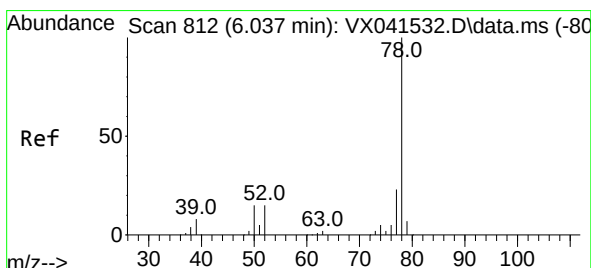
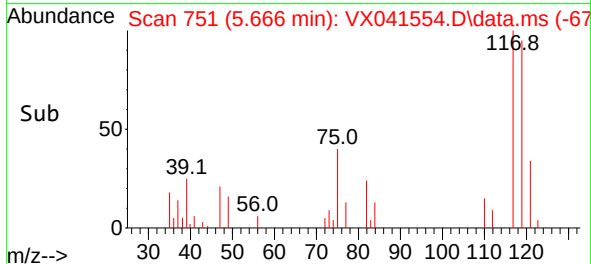
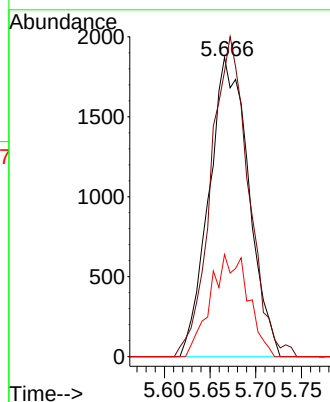
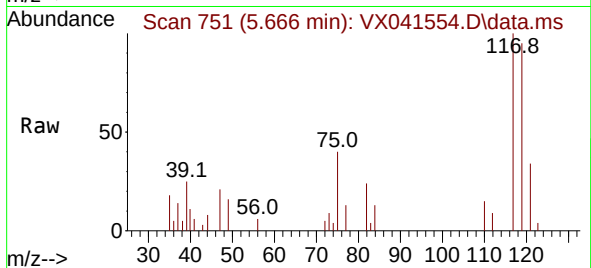




#33
Carbon Tetrachloride
Concen: 2.263 ug/l
RT: 5.666 min Scan# 751
Delta R.T. -0.012 min
Lab File: VX041554.D
Acq: 16 May 2024 11:20

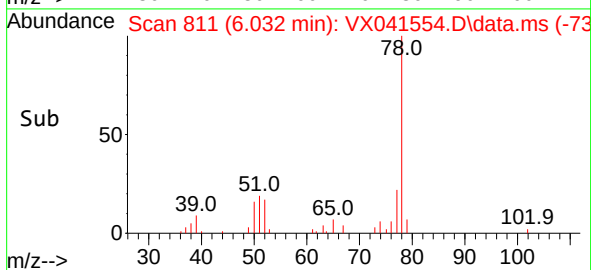
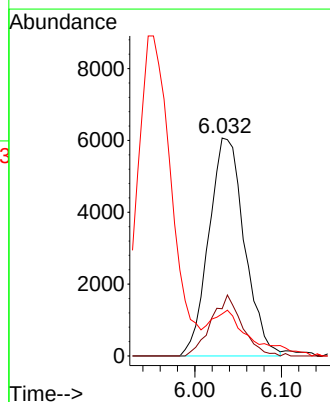
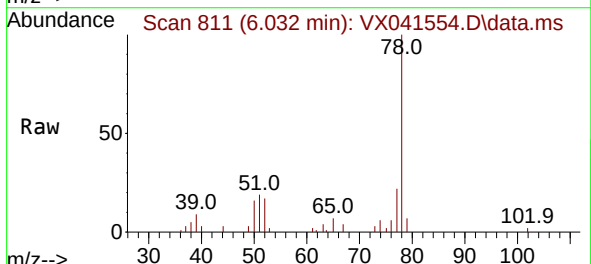
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2024

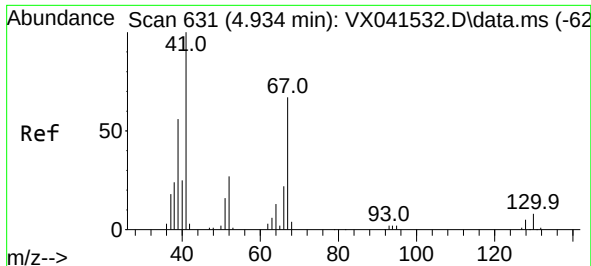
Tgt Ion:	117	Resp:	5649
Ion	Ratio	Lower	Upper
117	100		
119	92.4	77.4	116.2
121	34.1	26.4	39.6



#34
Benzene
Concen: 2.522 ug/l
RT: 6.032 min Scan# 811
Delta R.T. -0.006 min
Lab File: VX041554.D
Acq: 16 May 2024 11:20

Tgt Ion:	78	Resp:	17322
Ion	Ratio	Lower	Upper
78	100		
77	21.7	18.6	28.0
51	14.6	12.4	18.6

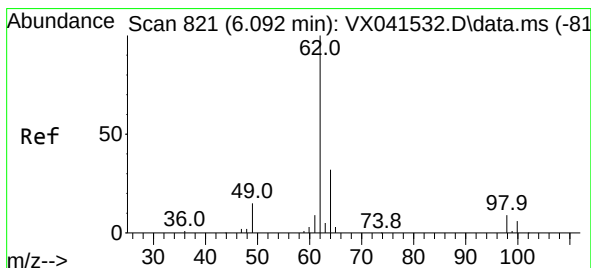
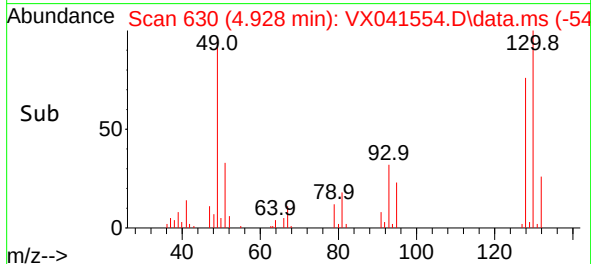
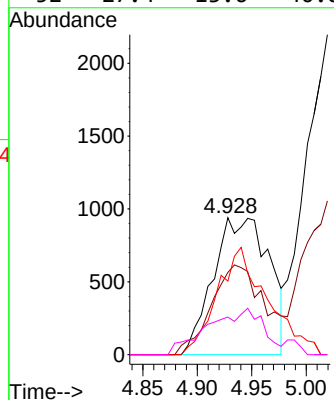
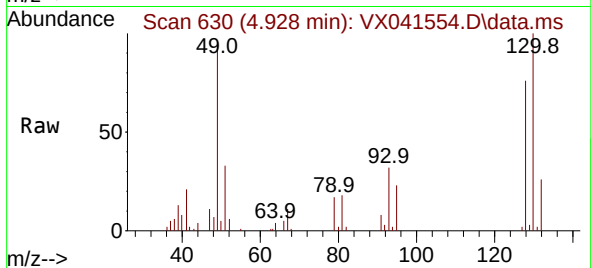




#35
Methacrylonitrile
Concen: 2.310 ug/l m
RT: 4.928 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX041554.D
Acq: 16 May 2024 11:20

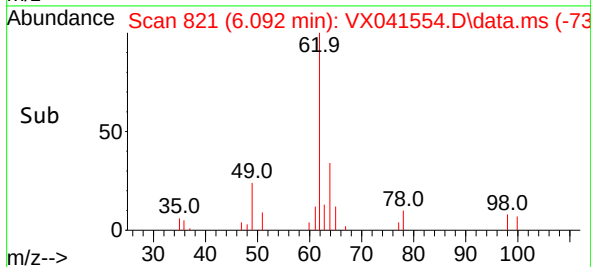
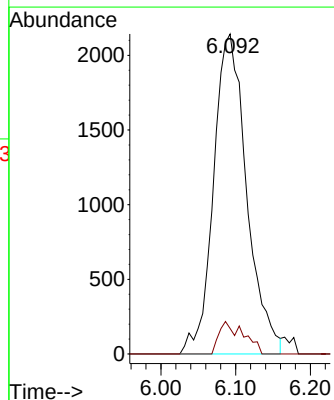
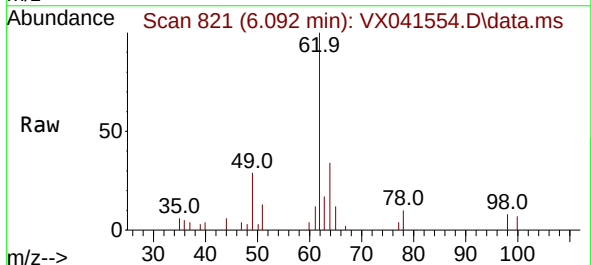
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2024

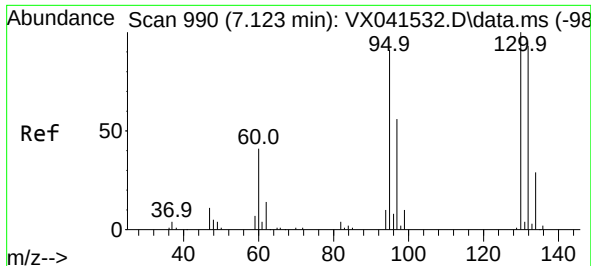
Tgt Ion: 41	Resp:	3364	
Ion	Ratio	Lower	Upper
41	100		
39	60.0	28.1	84.4
67	53.7	33.7	101.1
52	27.4	13.6	40.8



#36
1,2-Dichloroethane
Concen: 2.581 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.000 min
Lab File: VX041554.D
Acq: 16 May 2024 11:20

Tgt Ion: 62	Resp:	6614	
Ion Ratio	Lower	Upper	
62 100			
98 4.3	7.4	11.0#	





#37

Trichloroethene

Concen: 2.518 ug/l

RT: 7.129 min Scan# 990

Delta R.T. 0.006 min

Lab File: VX041554.D

Acq: 16 May 2024 11:20

Instrument :

MSVOA_X

ClientSampleId :

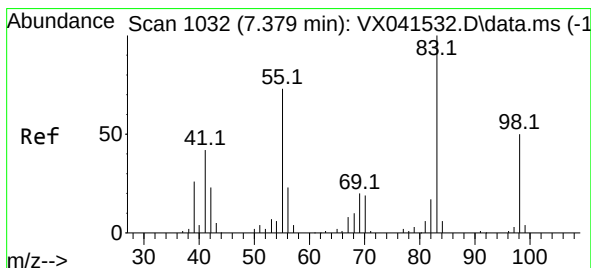
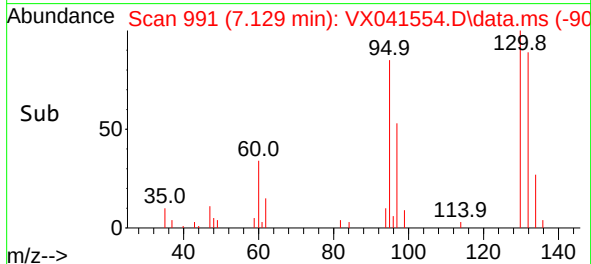
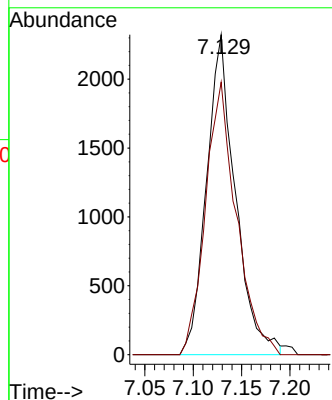
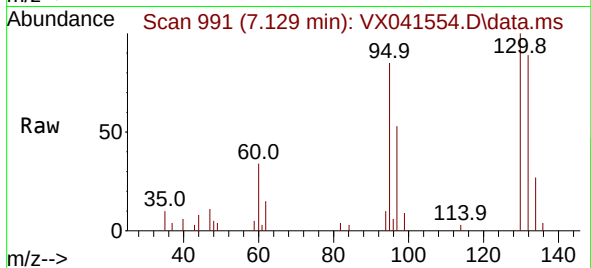
MDL-WATER-03-QT2-2024

Tgt Ion:130 Resp: 4818

Ion Ratio Lower Upper

130 100

95 85.1 72.6 108.8



#38

Methylcyclohexane

Concen: 2.514 ug/l

RT: 7.373 min Scan# 1031

Delta R.T. -0.006 min

Lab File: VX041554.D

Acq: 16 May 2024 11:20

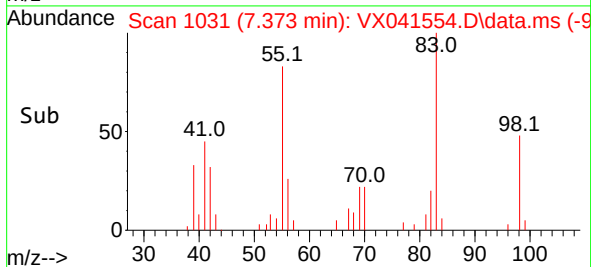
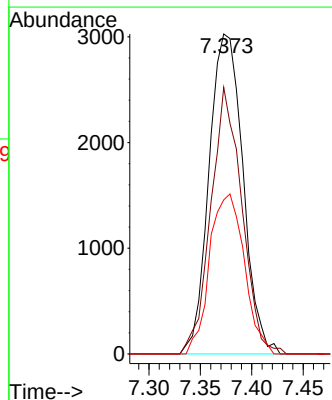
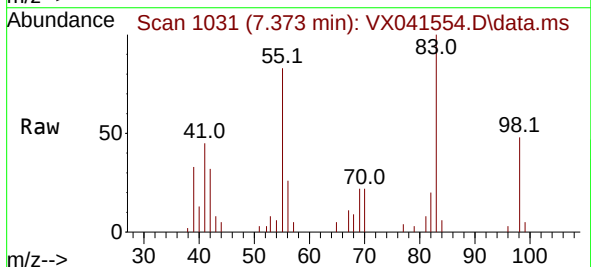
Tgt Ion: 83 Resp: 6943

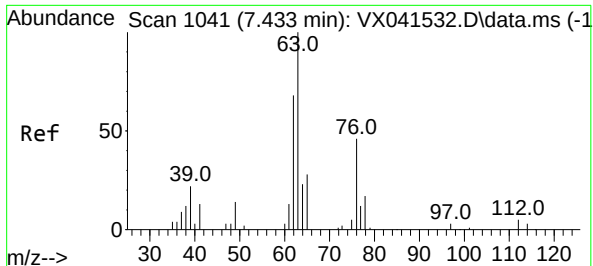
Ion Ratio Lower Upper

83 100

55 76.2 37.7 113.1

98 51.1 25.1 75.3





#39

1,2-Dichloropropane

Concen: 2.442 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VX041554.D

Acq: 16 May 2024 11:20

Instrument :

MSVOA_X

ClientSampleId :

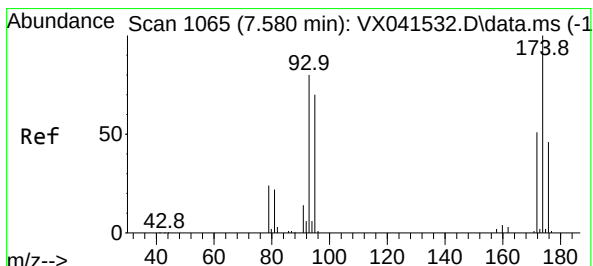
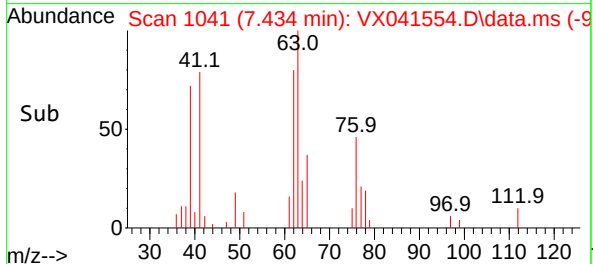
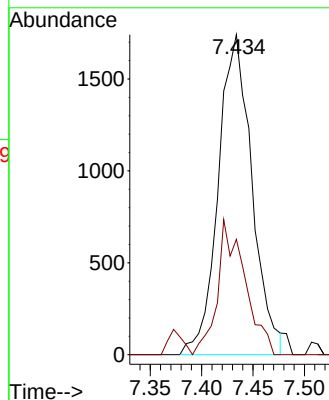
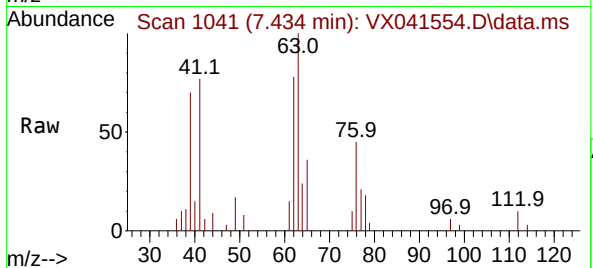
MDL-WATER-03-QT2-2024

Tgt Ion: 63 Resp: 3965

Ion Ratio Lower Upper

63 100

65 36.1 24.2 36.2



#40

Dibromomethane

Concen: 2.432 ug/l

RT: 7.592 min Scan# 1067

Delta R.T. 0.012 min

Lab File: VX041554.D

Acq: 16 May 2024 11:20

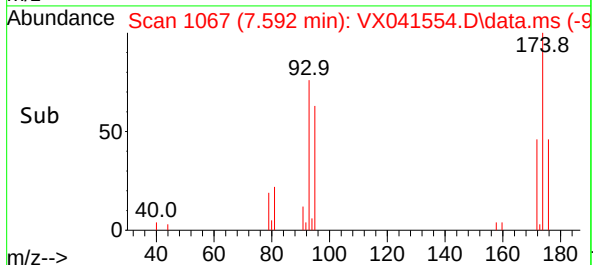
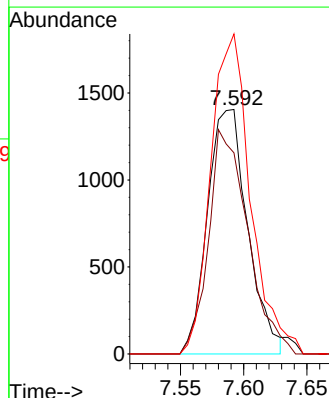
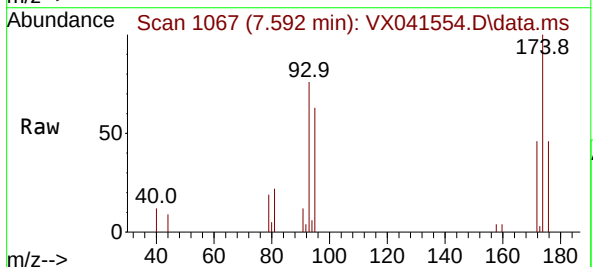
Tgt Ion: 93 Resp: 3107

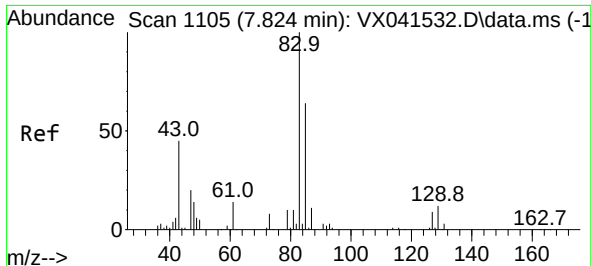
Ion Ratio Lower Upper

93 100

95 89.5 0.0 168.6

174 129.7 0.0 249.8

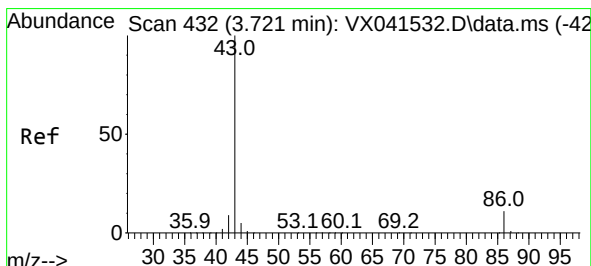
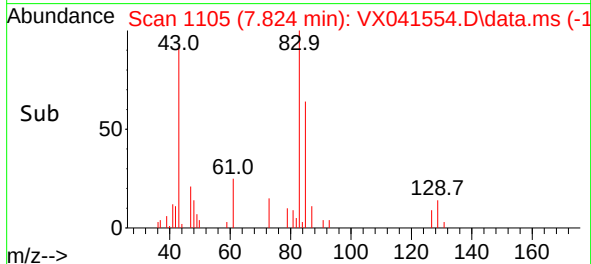
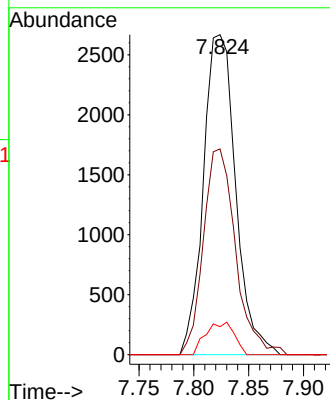
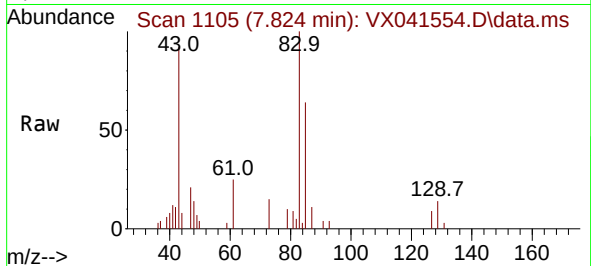




#41
Bromodichloromethane
Concen: 2.276 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX041554.D
Acq: 16 May 2024 11:20

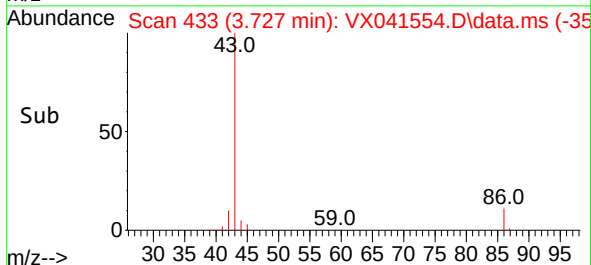
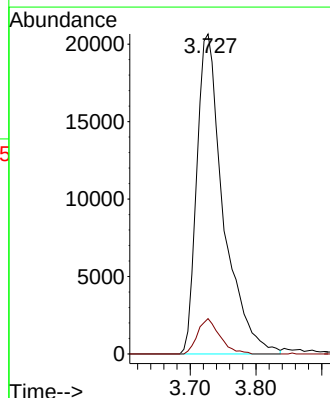
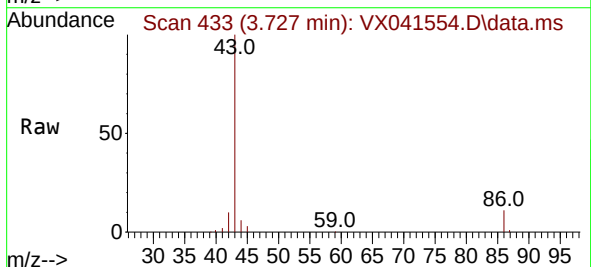
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2024

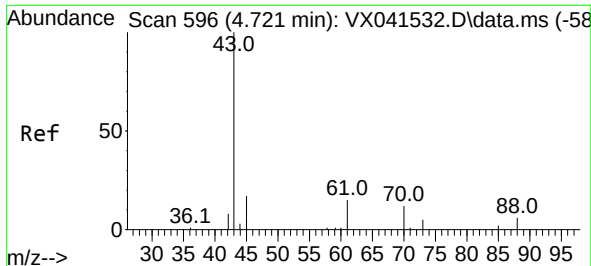
Tgt Ion:	83	Resp:	5461
Ion	Ratio	Lower	Upper
83	100		
85	64.3	51.0	76.4
127	8.7	7.1	10.7



#42
Vinyl Acetate
Concen: 11.560 ug/l
RT: 3.727 min Scan# 433
Delta R.T. 0.006 min
Lab File: VX041554.D
Acq: 16 May 2024 11:20

Tgt Ion:	43	Resp:	57897
Ion	Ratio	Lower	Upper
43	100		
86	9.2	7.8	11.6

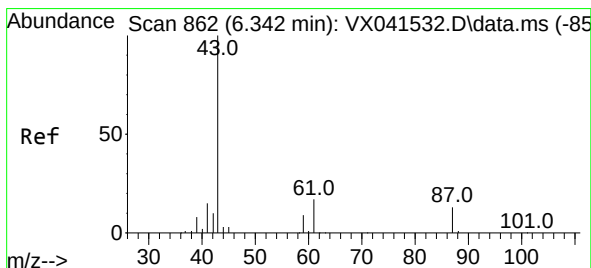
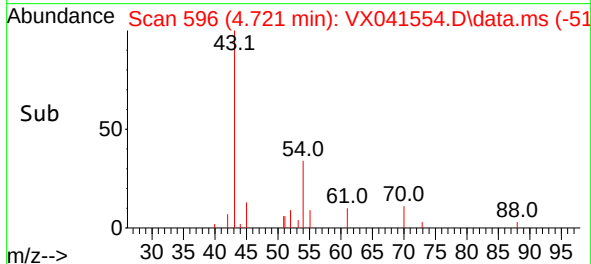
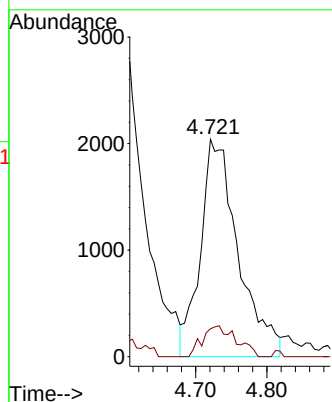
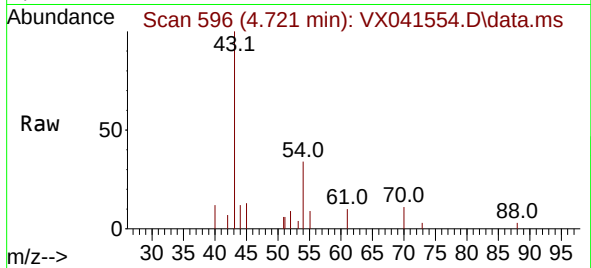




#43
Ethyl Acetate
Concen: 2.697 ug/l m
RT: 4.721 min Scan# 596
Delta R.T. 0.000 min
Lab File: VX041554.D
Acq: 16 May 2024 11:20

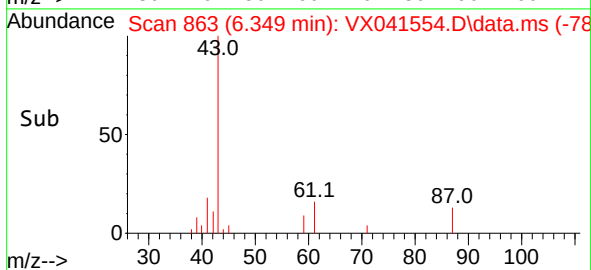
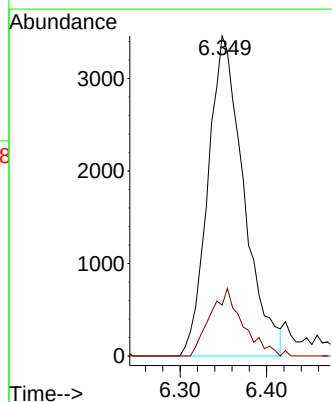
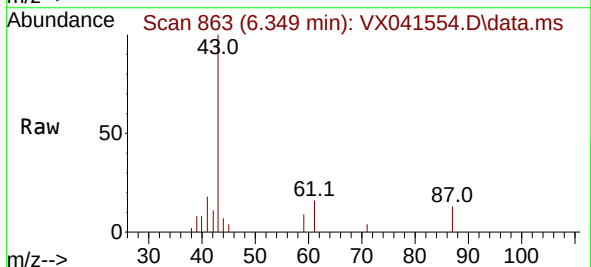
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2024

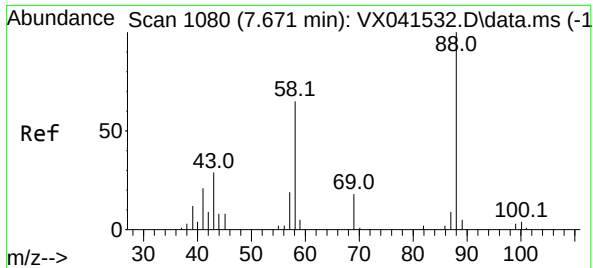
Tgt Ion: 43 Resp: 7513
Ion Ratio Lower Upper
43 100
45 8.8 11.9 17.9#



#44
Isopropyl Acetate
Concen: 2.360 ug/l
RT: 6.349 min Scan# 863
Delta R.T. 0.006 min
Lab File: VX041554.D
Acq: 16 May 2024 11:20

Tgt Ion: 43 Resp: 9934
Ion Ratio Lower Upper
43 100
61 18.5 15.3 22.9

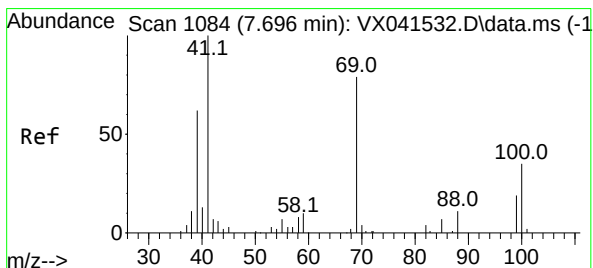
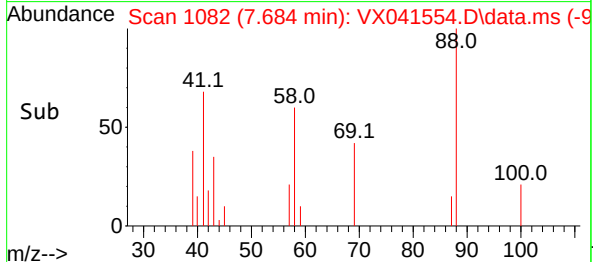
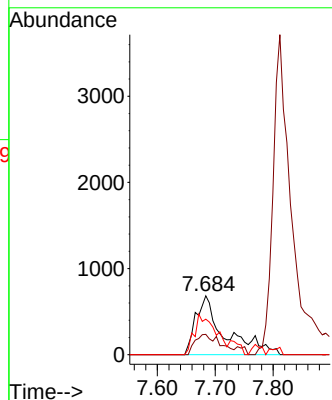
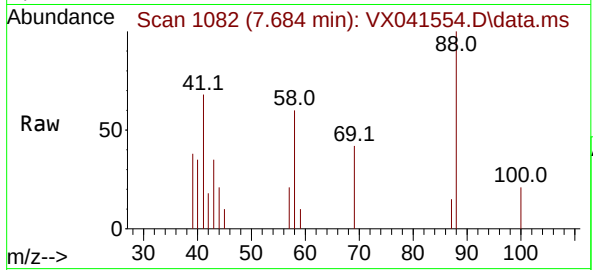




#45
1,4-Dioxane
Concen: 49.893 ug/l m
RT: 7.684 min Scan# 1082
Delta R.T. 0.012 min
Lab File: VX041554.D
Acq: 16 May 2024 11:20

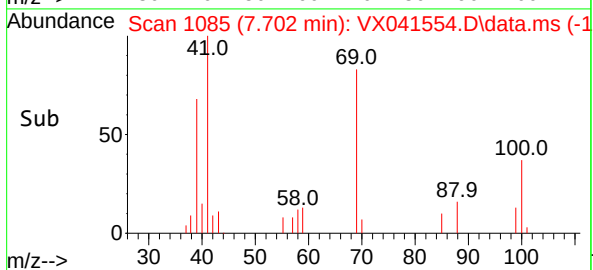
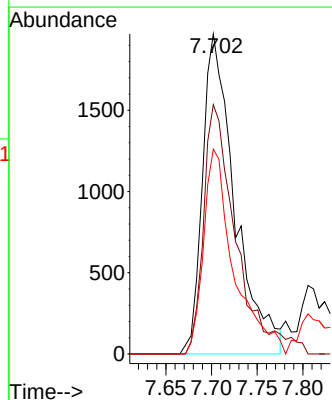
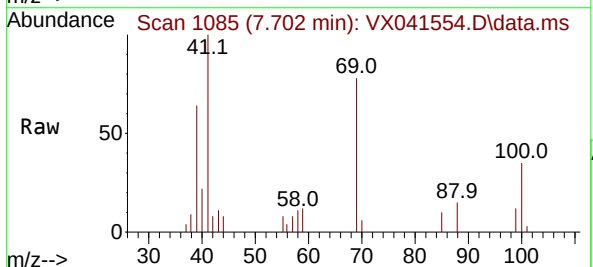
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2024

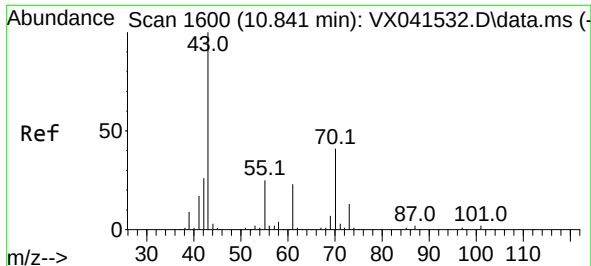
Tgt Ion: 88 Resp: 2369
Ion Ratio Lower Upper
88 100
43 19.7 24.9 37.3#
58 21.4 47.0 70.4#



#46
Methyl methacrylate
Concen: 2.313 ug/l
RT: 7.702 min Scan# 1085
Delta R.T. 0.006 min
Lab File: VX041554.D
Acq: 16 May 2024 11:20

Tgt Ion: 41 Resp: 4845
Ion Ratio Lower Upper
41 100
69 77.9 39.6 119.0
39 64.0 30.9 92.8





#47

n-amyl acetate

Concen: 2.096 ug/l

RT: 10.848 min Scan# 1601

Delta R.T. 0.006 min

Lab File: VX041554.D

Acq: 16 May 2024 11:20

Instrument :

MSVOA_X

ClientSampleId :

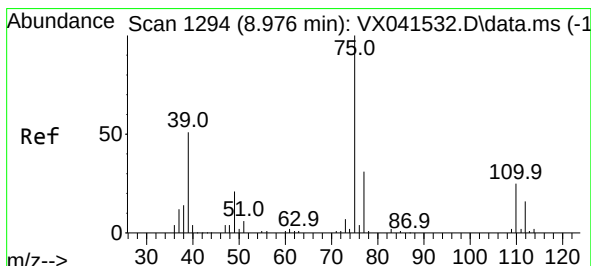
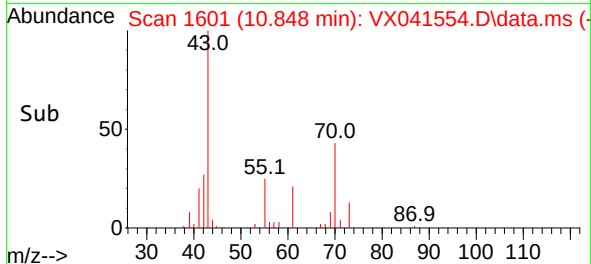
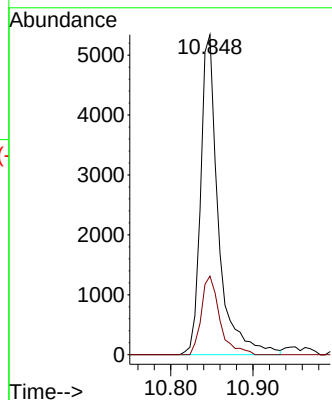
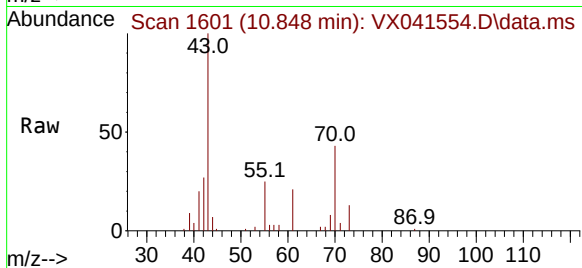
MDL-WATER-03-QT2-2024

Tgt Ion: 43 Resp: 8003

Ion Ratio Lower Upper

43 100

55 25.5 19.4 29.0



#48

t-1,3-Dichloropropene

Concen: 1.947 ug/l

RT: 8.982 min Scan# 1295

Delta R.T. 0.006 min

Lab File: VX041554.D

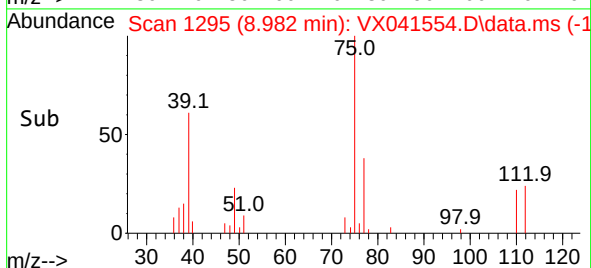
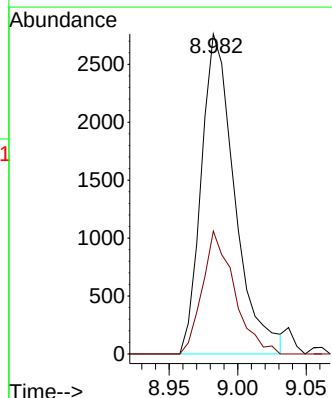
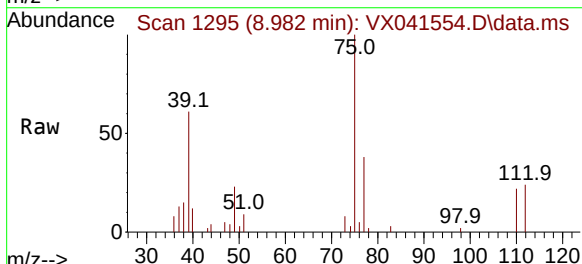
Acq: 16 May 2024 11:20

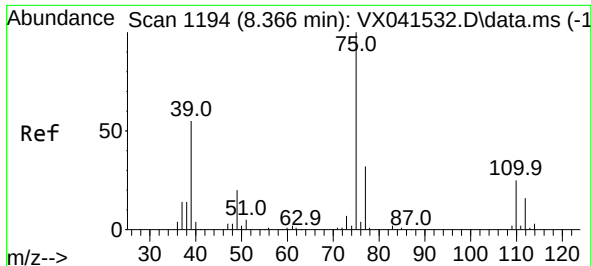
Tgt Ion: 75 Resp: 4691

Ion Ratio Lower Upper

75 100

77 38.4 24.5 36.7#

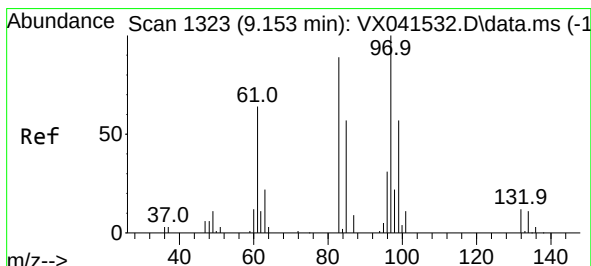
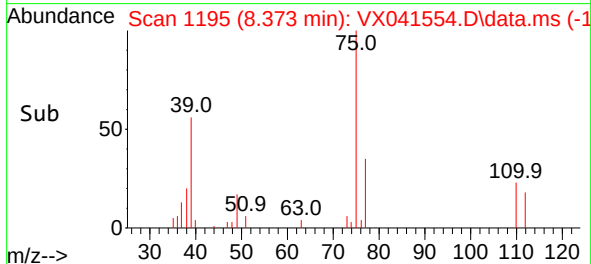
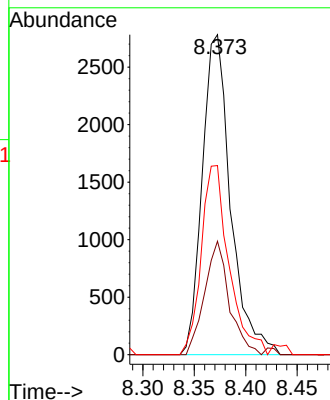
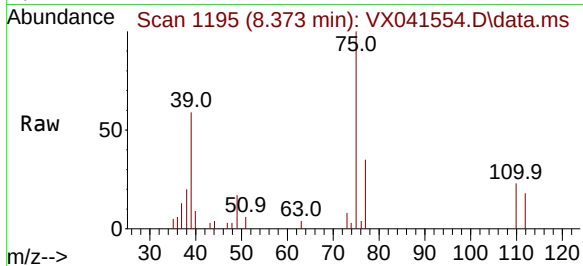




#49
 cis-1,3-Dichloropropene
 Concen: 2.050 ug/l
 RT: 8.373 min Scan# 1194
 Delta R.T. 0.006 min
 Lab File: VX041554.D
 Acq: 16 May 2024 11:20

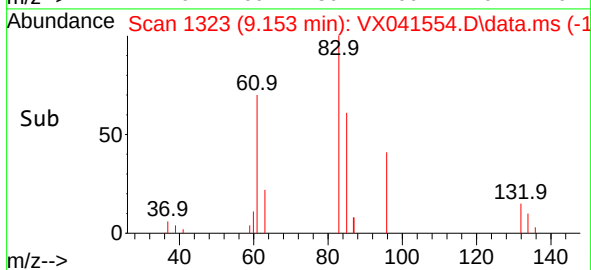
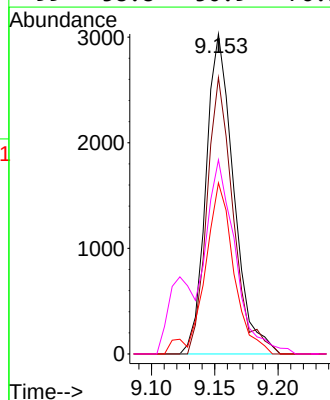
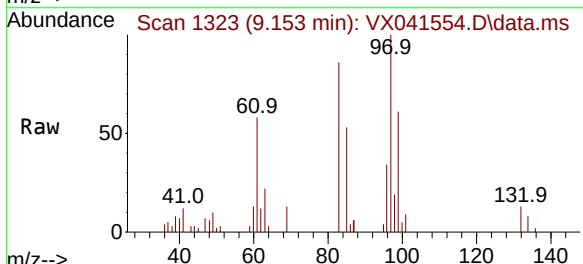
Instrument : MSVOA_X
 ClientSampleId : MDL-WATER-03-QT2-2024

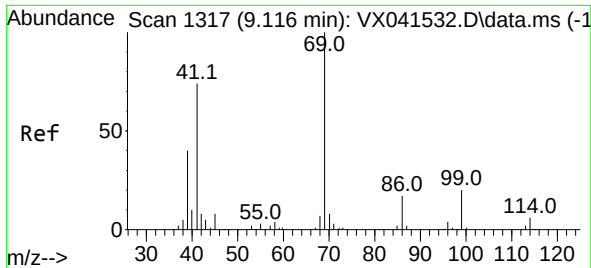
Tgt Ion:	75	Resp:	5349
Ion	Ratio	Lower	Upper
75	100		
77	35.4	25.8	38.8
39	59.1	43.6	65.4



#50
 1,1,2-Trichloroethane
 Concen: 2.604 ug/l
 RT: 9.153 min Scan# 1323
 Delta R.T. 0.000 min
 Lab File: VX041554.D
 Acq: 16 May 2024 11:20

Tgt Ion:	97	Resp:	4628
Ion	Ratio	Lower	Upper
97	100		
83	86.3	71.3	106.9
85	53.4	45.7	68.5
99	58.8	50.9	76.3

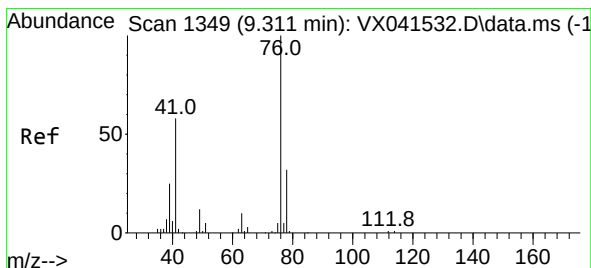
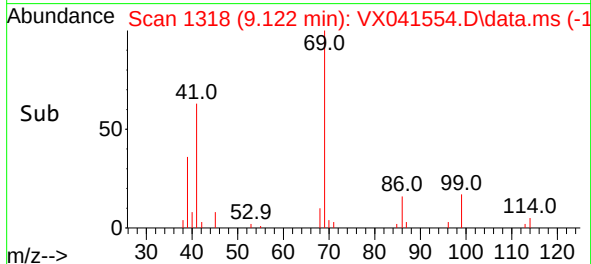
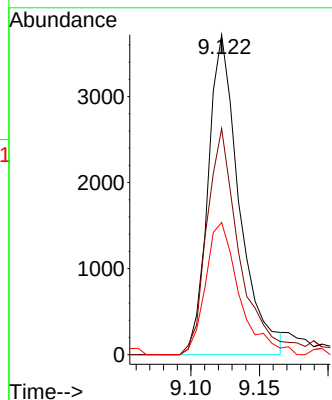
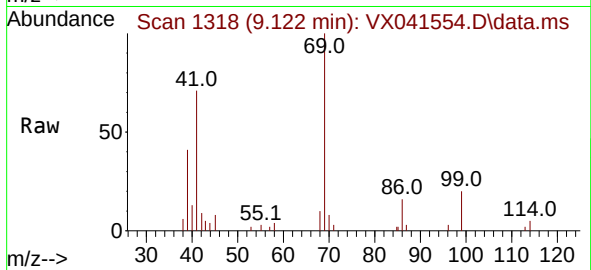




#51
Ethyl methacrylate
Concen: 2.056 ug/l
RT: 9.122 min Scan# 1318
Delta R.T. 0.006 min
Lab File: VX041554.D
Acq: 16 May 2024 11:20

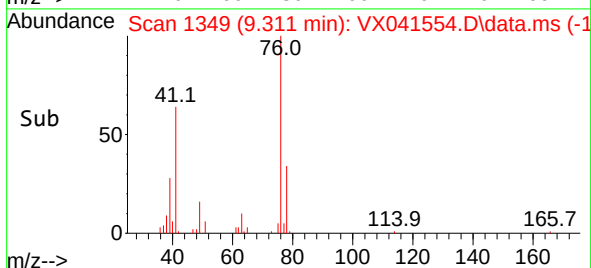
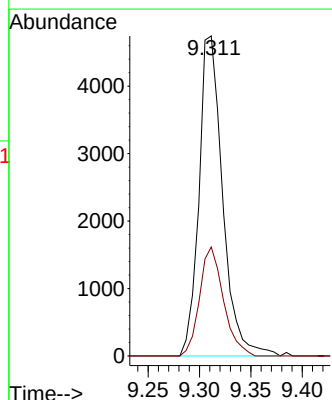
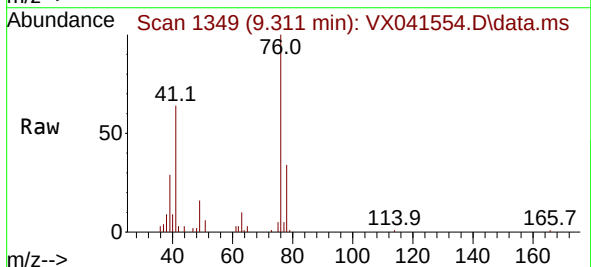
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2024

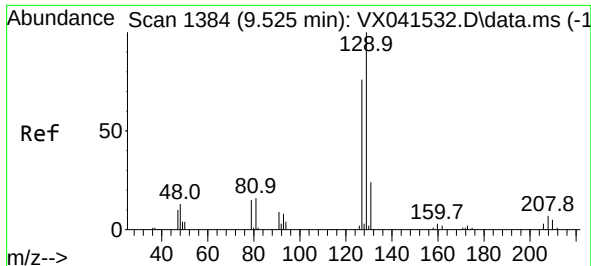
Tgt Ion: 69 Resp: 5883
Ion Ratio Lower Upper
69 100
41 70.7 37.1 111.3
39 41.3 20.2 60.6



#52
1,3-Dichloropropane
Concen: 2.594 ug/l
RT: 9.311 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VX041554.D
Acq: 16 May 2024 11:20

Tgt Ion: 76 Resp: 7619
Ion Ratio Lower Upper
76 100
78 34.2 0.0 64.4

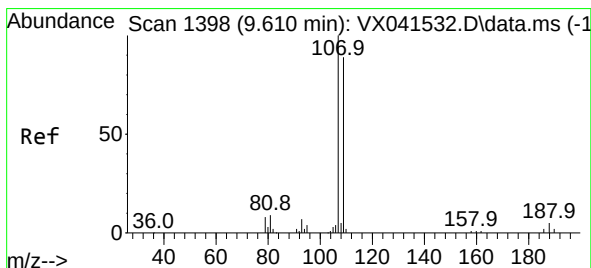
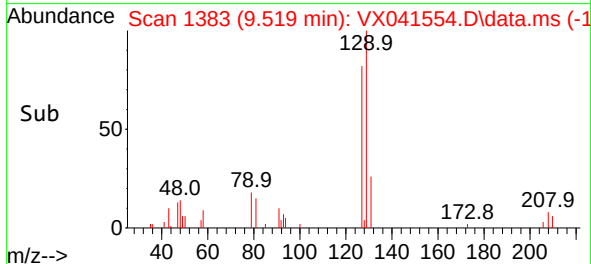
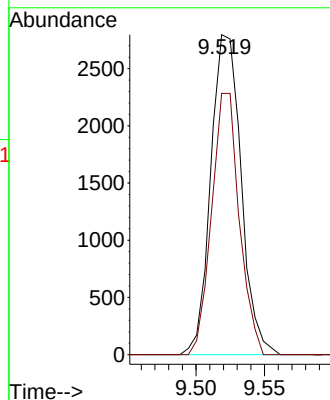
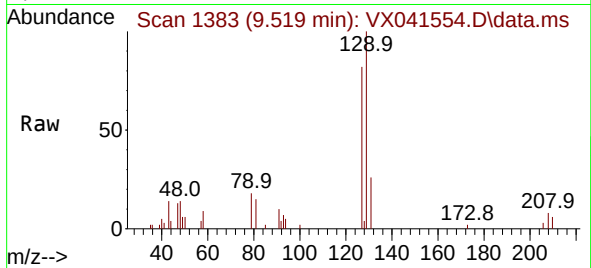




#53
Dibromochloromethane
Concen: 2.131 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.006 min
Lab File: VX041554.D
Acq: 16 May 2024 11:20

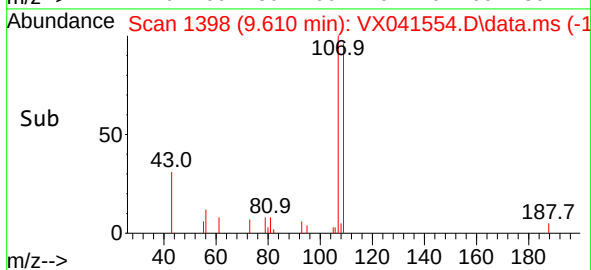
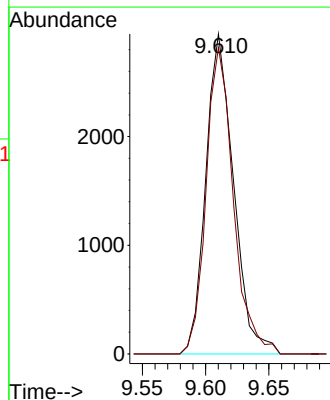
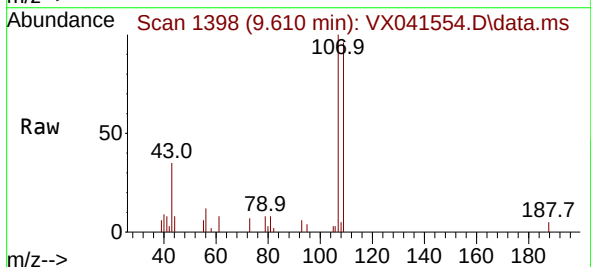
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT2-2024

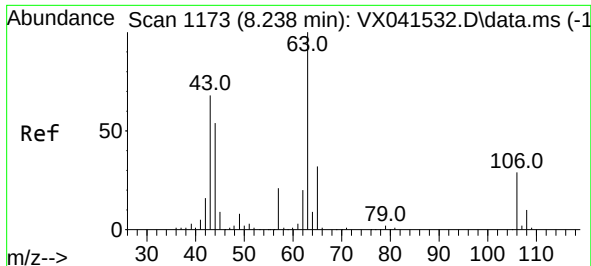
Tgt Ion:129 Resp: 4310
Ion Ratio Lower Upper
129 100
127 74.4 38.9 116.7



#54
1,2-Dibromoethane
Concen: 2.390 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX041554.D
Acq: 16 May 2024 11:20

Tgt Ion:107 Resp: 4505
Ion Ratio Lower Upper
107 100
109 93.8 75.3 112.9

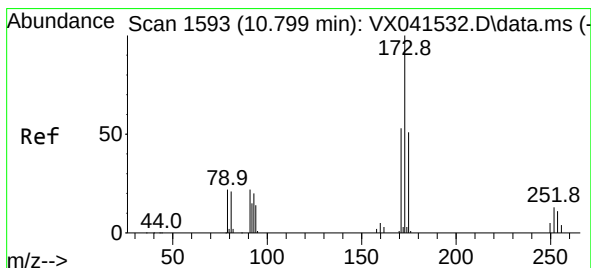
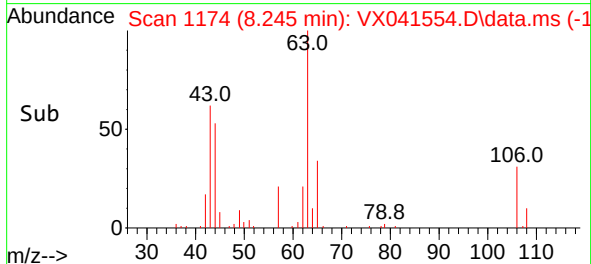
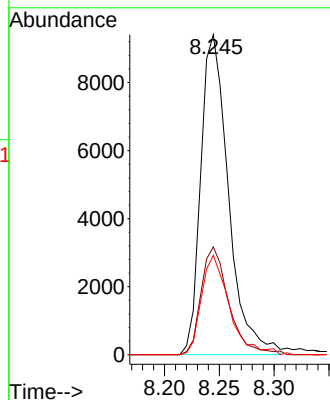
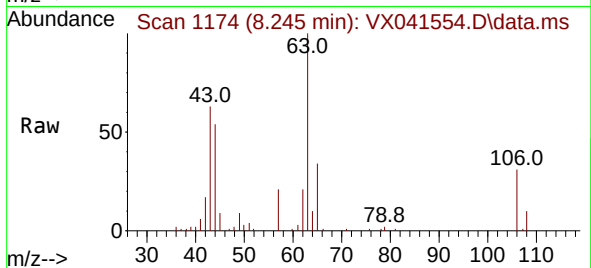




#55
2-Chloroethyl vinyl ether
Concen: 11.854 ug/l
RT: 8.245 min Scan# 1174
Delta R.T. 0.006 min
Lab File: VX041554.D
Acq: 16 May 2024 11:20

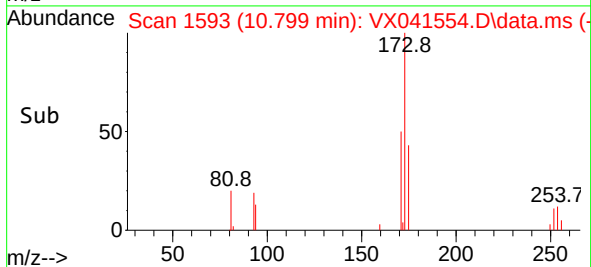
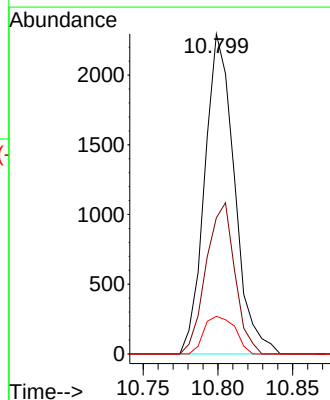
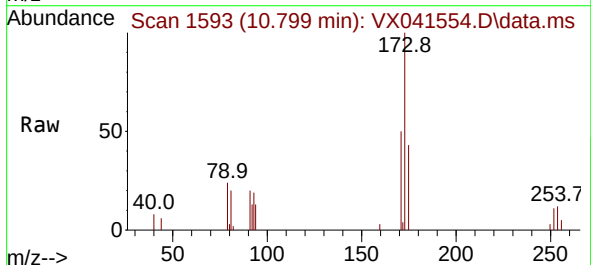
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2024

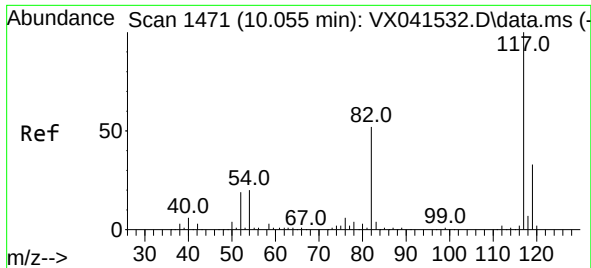
Tgt Ion:	63	Resp:	16555
Ion	Ratio	Lower	Upper
63	100		
65	33.3	25.5	38.3
106	30.5	24.7	37.1



#56
Bromoform
Concen: 1.963 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX041554.D
Acq: 16 May 2024 11:20

Tgt Ion:	173	Resp:	3181
Ion	Ratio	Lower	Upper
173	100		
175	45.5	39.0	58.6
254	12.2	10.3	15.5

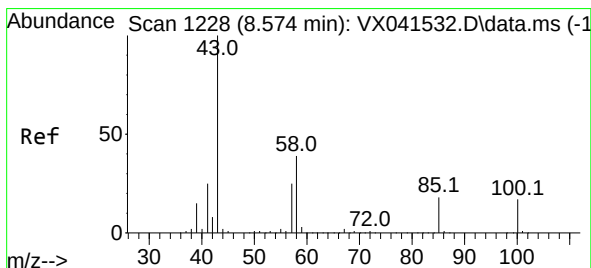
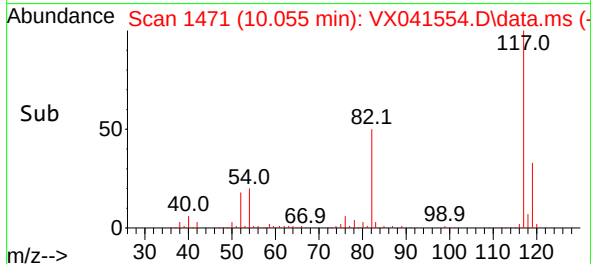
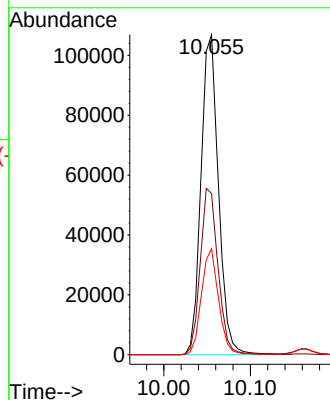
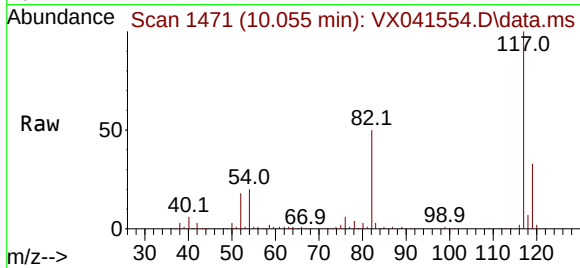




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX041554.D
Acq: 16 May 2024 11:20

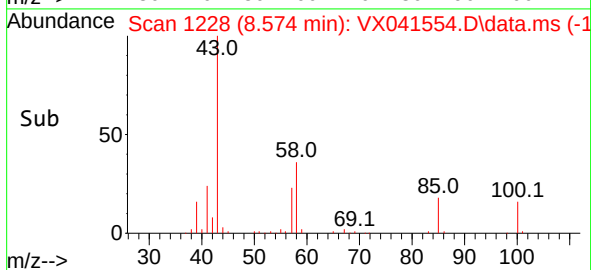
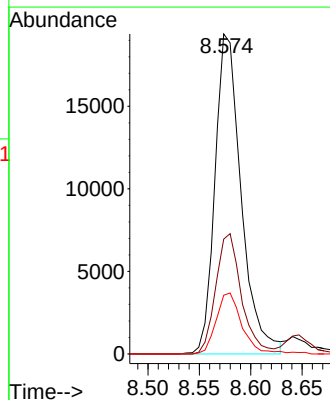
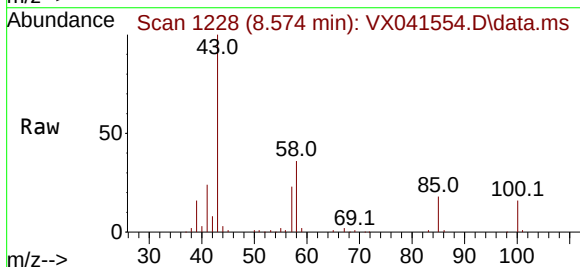
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2024

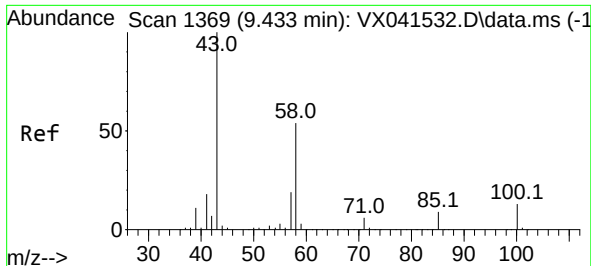
Tgt Ion:117 Resp: 150097
Ion Ratio Lower Upper
117 100
82 52.8 41.7 62.5
119 32.5 25.7 38.5



#58
4-Methyl-2-Pentanone
Concen: 12.529 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX041554.D
Acq: 16 May 2024 11:20

Tgt Ion: 43 Resp: 34362
Ion Ratio Lower Upper
43 100
58 36.8 30.2 45.4
85 18.6 14.6 21.8





#59

2-Hexanone

Concen: 12.227 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VX041554.D

Acq: 16 May 2024 11:20

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT2-2024

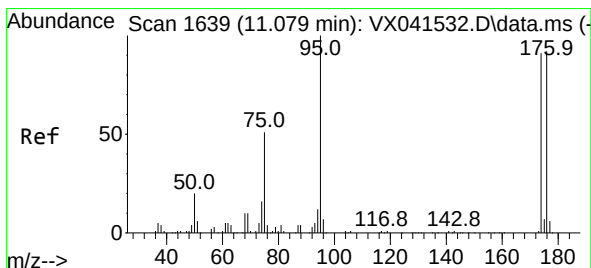
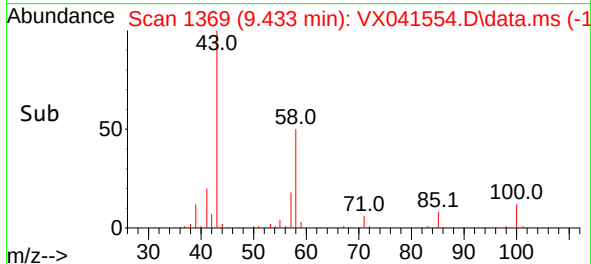
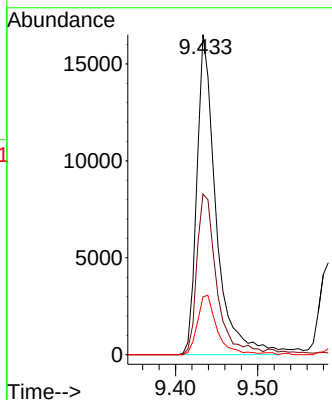
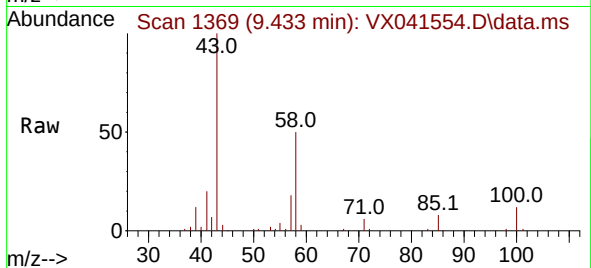
Tgt Ion: 43 Resp: 26714

Ion Ratio Lower Upper

43 100

58 51.9 42.3 63.5

57 18.5 15.1 22.7



#60

4-Bromofluorobenzene

Concen: 29.486 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX041554.D

Acq: 16 May 2024 11:20

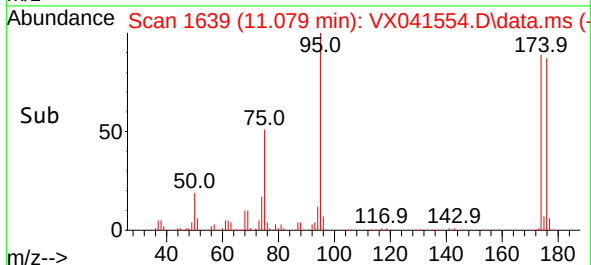
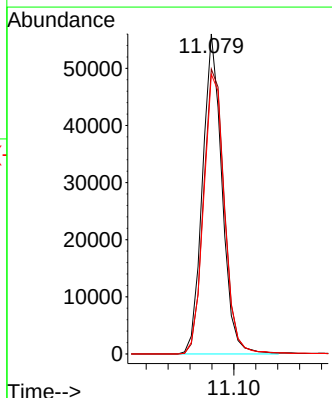
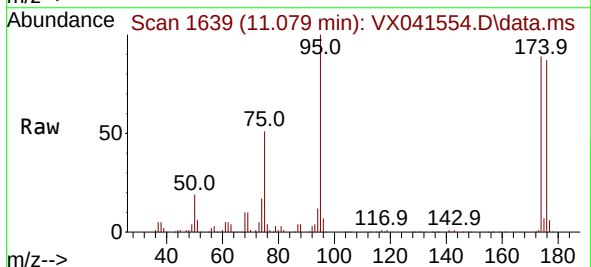
Tgt Ion: 95 Resp: 69089

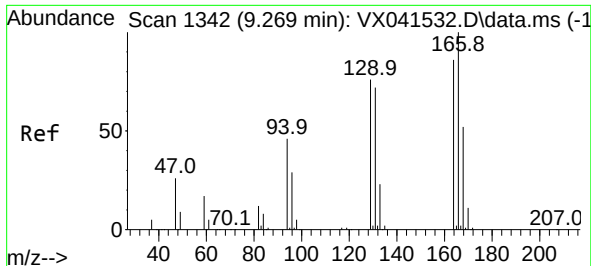
Ion Ratio Lower Upper

95 100

174 95.6 76.6 115.0

176 93.3 75.4 113.0

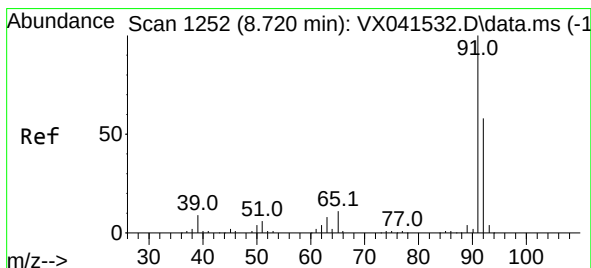
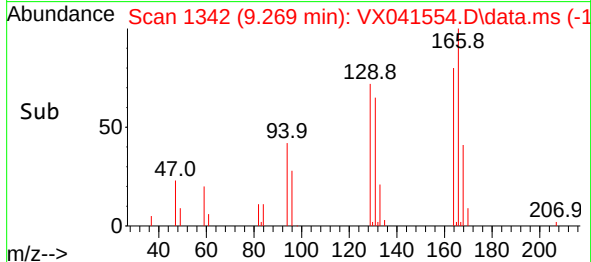
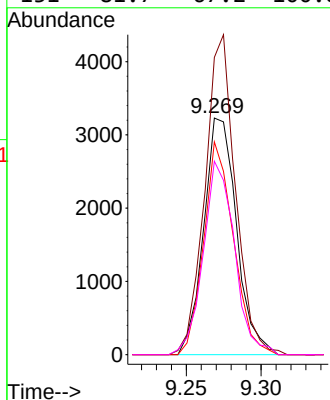
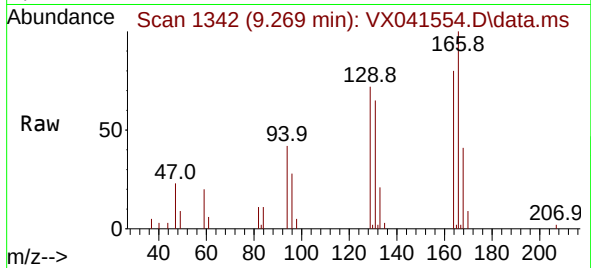




#61
Tetrachloroethene
Concen: 2.687 ug/l
RT: 9.269 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX041554.D
Acq: 16 May 2024 11:20

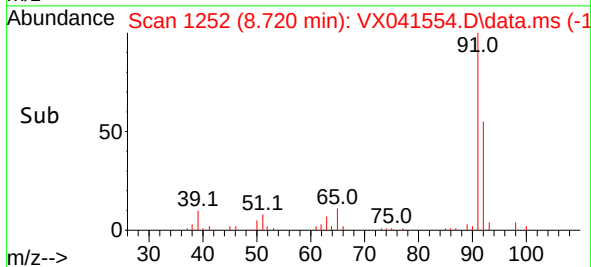
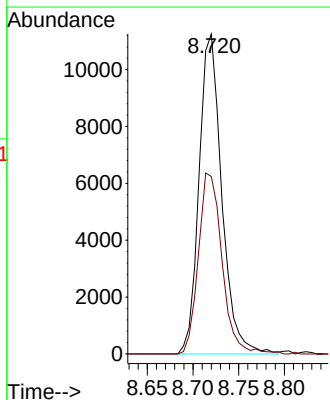
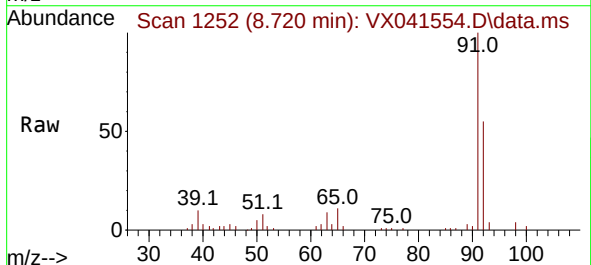
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2024

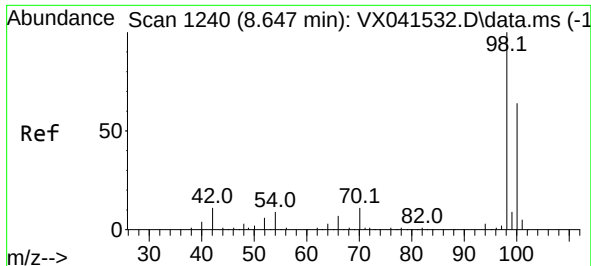
Tgt Ion:	164	Resp:	4935
Ion	Ratio	Lower	Upper
164	100		
166	123.8	92.8	139.2
129	89.9	70.1	105.1
131	81.7	67.2	100.8



#62
Toluene
Concen: 2.603 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX041554.D
Acq: 16 May 2024 11:20

Tgt Ion:	91	Resp:	19442
Ion	Ratio	Lower	Upper
91	100		
92	58.6	47.0	70.6

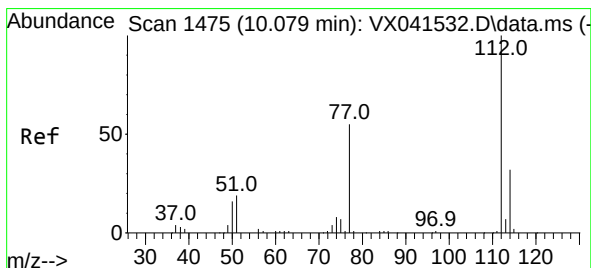
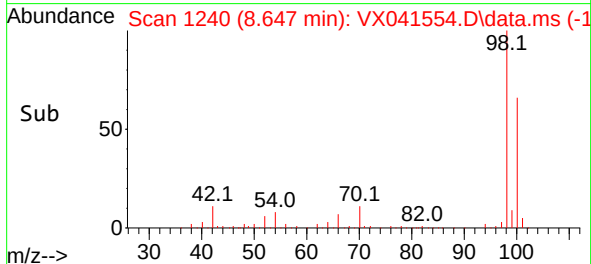
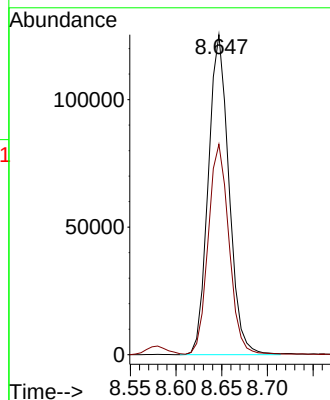
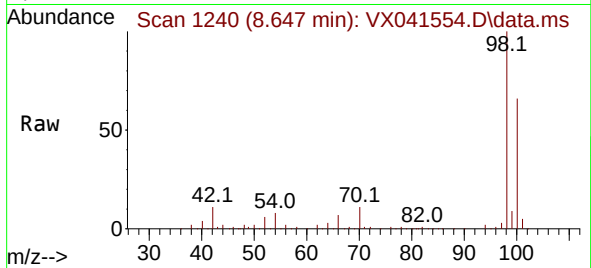




#63
Toluene-d8
Concen: 30.586 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX041554.D
Acq: 16 May 2024 11:20

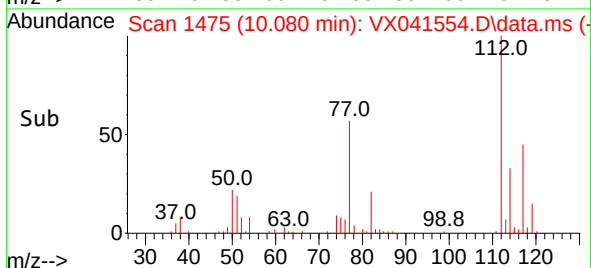
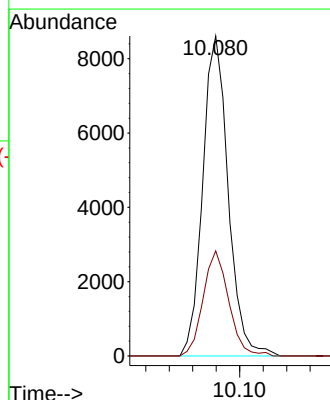
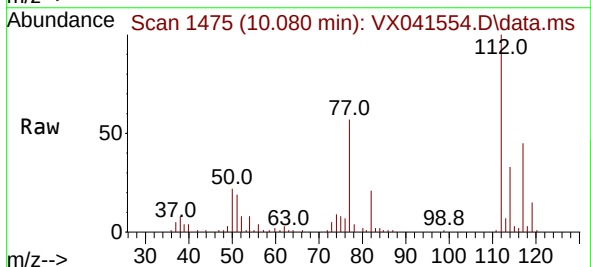
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2024

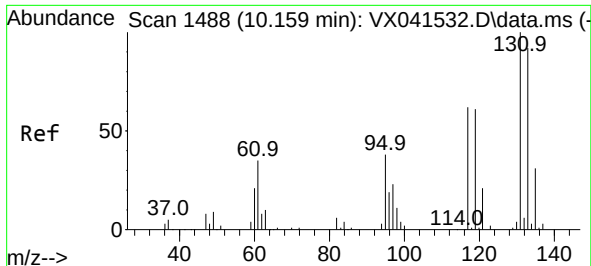
Tgt Ion: 98 Resp: 196795
Ion Ratio Lower Upper
98 100
100 66.2 53.1 79.7



#64
Chlorobenzene
Concen: 2.556 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX041554.D
Acq: 16 May 2024 11:20

Tgt Ion: 112 Resp: 12966
Ion Ratio Lower Upper
112 100
114 32.8 26.0 39.0





#65

1,1,1,2-Tetrachloroethane

Concen: 2.295 ug/l

RT: 10.165 min Scan# 1489

Delta R.T. 0.006 min

Lab File: VX041554.D

Acq: 16 May 2024 11:20

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT2-2024

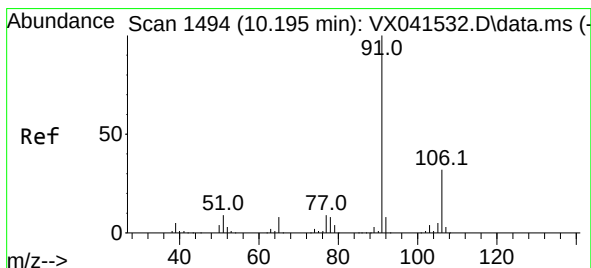
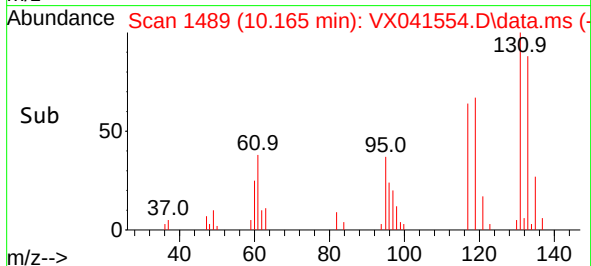
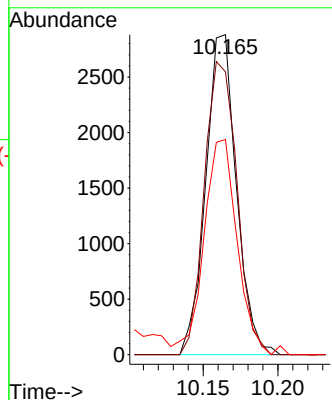
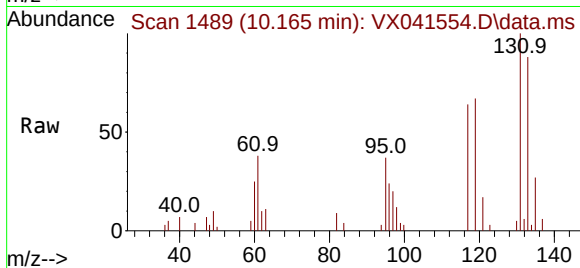
Tgt Ion:131 Resp: 4120

Ion Ratio Lower Upper

131 100

133 96.8 0.0 191.6

119 72.4 0.0 126.4



#66

Ethyl Benzene

Concen: 2.456 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX041554.D

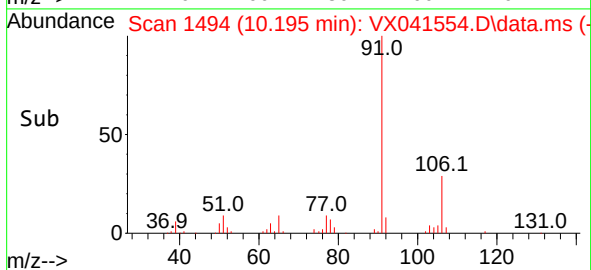
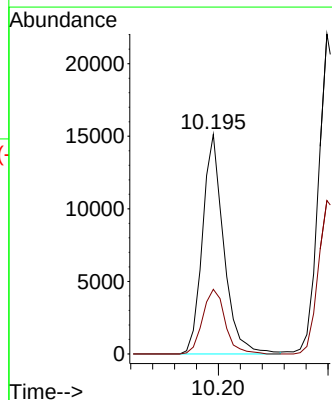
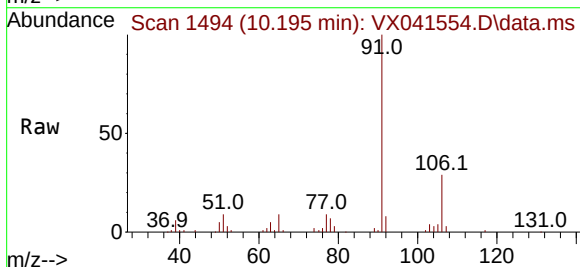
Acq: 16 May 2024 11:20

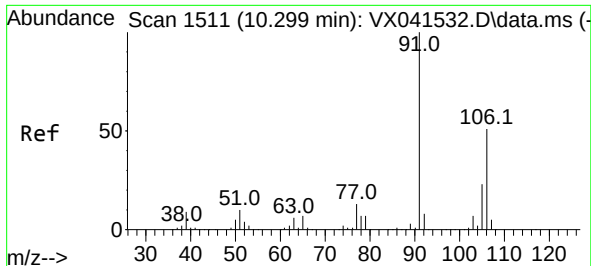
Tgt Ion: 91 Resp: 20369

Ion Ratio Lower Upper

91 100

106 29.4 25.9 38.9





#67

m/p-Xylenes

Concen: 4.825 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX041554.D

Acq: 16 May 2024 11:20

Instrument :

MSVOA_X

ClientSampleId :

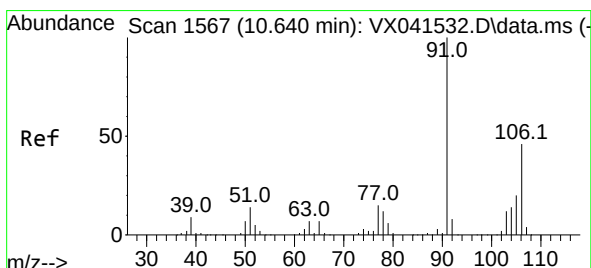
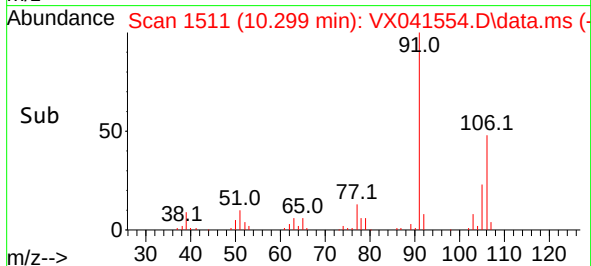
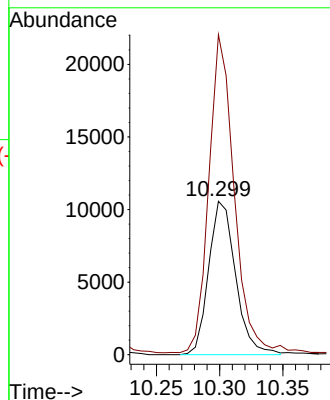
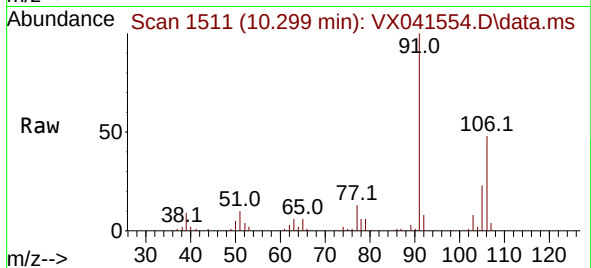
MDL-WATER-03-QT2-2024

Tgt Ion:106 Resp: 15646

Ion Ratio Lower Upper

106 100

91 192.2 156.5 234.7



#68

o-Xylene

Concen: 2.392 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX041554.D

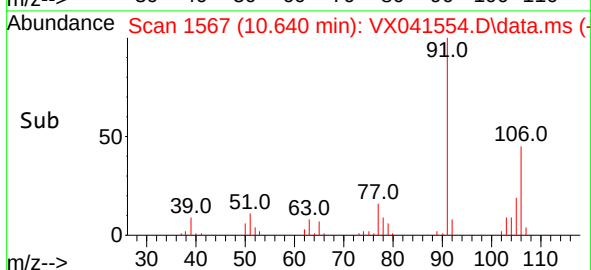
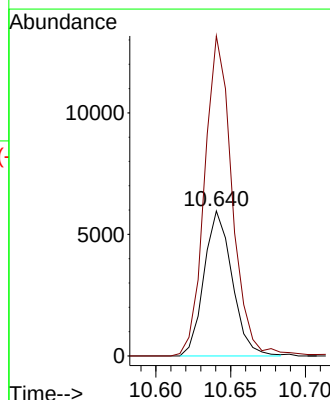
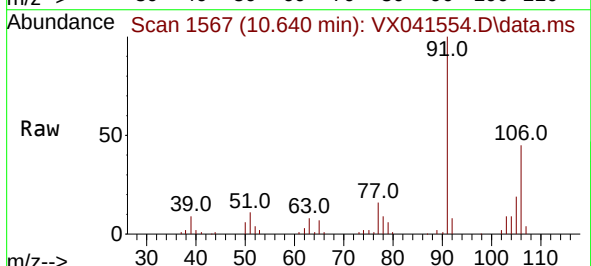
Acq: 16 May 2024 11:20

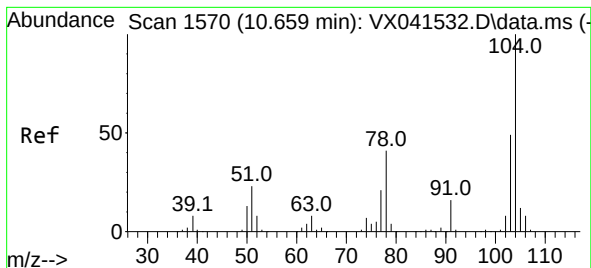
Tgt Ion:106 Resp: 7808

Ion Ratio Lower Upper

106 100

91 212.5 105.2 315.6





#69

Styrene

Concen: 2.189 ug/l

RT: 10.659 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX041554.D

Acq: 16 May 2024 11:20

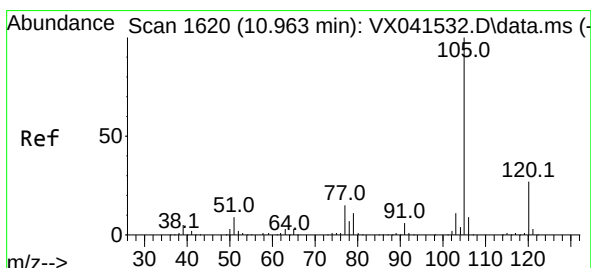
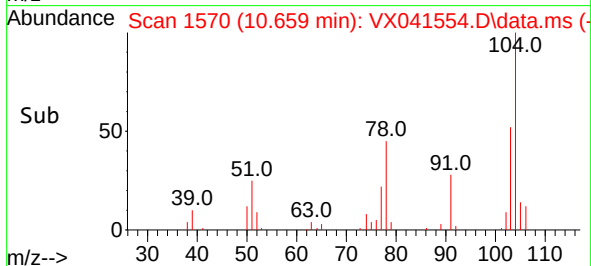
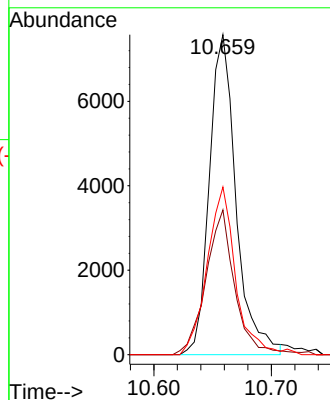
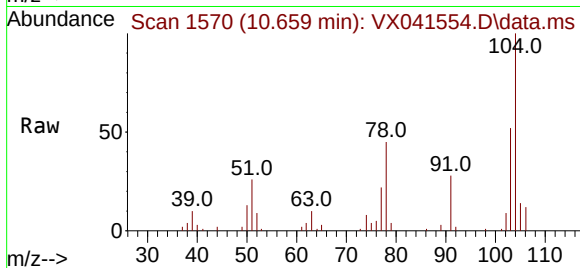
Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT2-2024

Tgt Ion:104	Resp:	11982
Ion	Ratio	Lower Upper
104	100	
78	48.8	39.3 58.9
103	55.3	43.2 64.8



#70

Isopropylbenzene

Concen: 2.356 ug/l

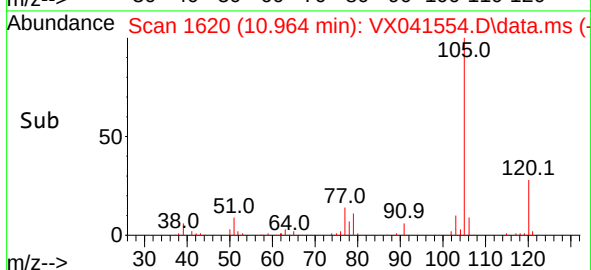
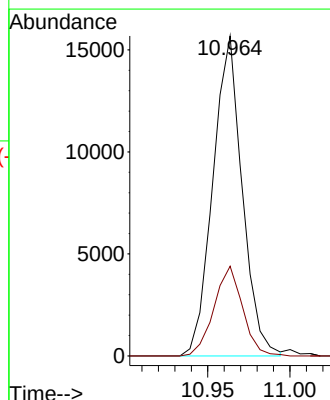
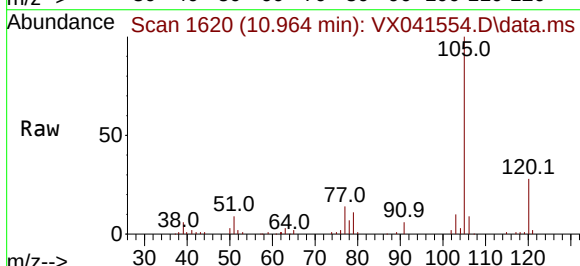
RT: 10.964 min Scan# 1620

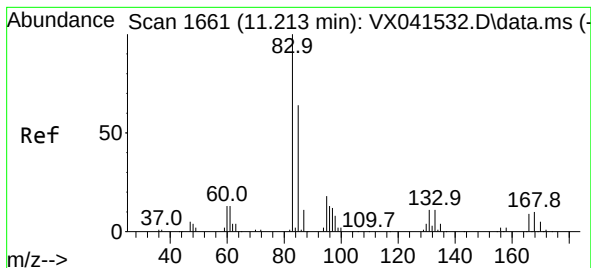
Delta R.T. 0.000 min

Lab File: VX041554.D

Acq: 16 May 2024 11:20

Tgt Ion:105	Resp:	19435
Ion	Ratio	Lower Upper
105	100	
120	27.4	18.8 34.8





#71

1,1,2,2-Tetrachloroethane

Concen: 2.516 ug/l

RT: 11.214 min Scan# 1661

Delta R.T. 0.000 min

Lab File: VX041554.D

Acq: 16 May 2024 11:20

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT2-2024

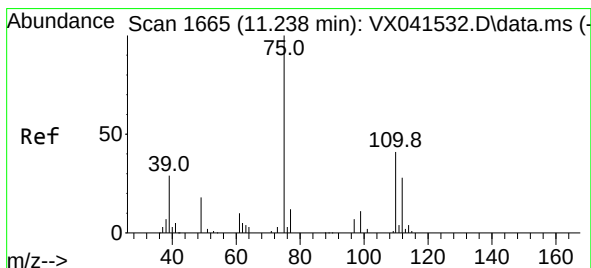
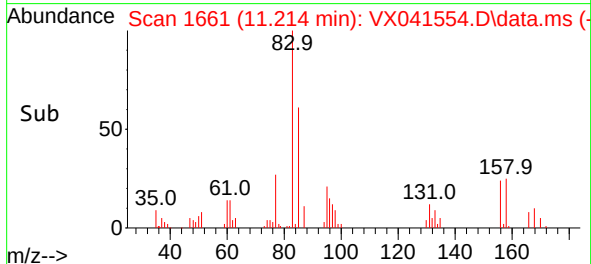
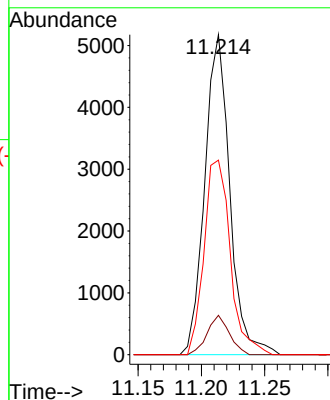
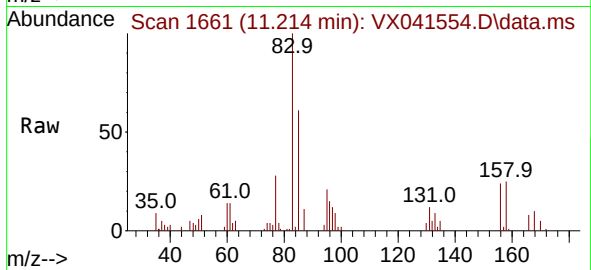
Tgt Ion: 83 Resp: 7130

Ion Ratio Lower Upper

83 100

131 10.9 5.7 17.0

85 63.7 32.3 96.8



#72

1,2,3-Trichloropropane

Concen: 2.495 ug/l m

RT: 11.238 min Scan# 1665

Delta R.T. 0.000 min

Lab File: VX041554.D

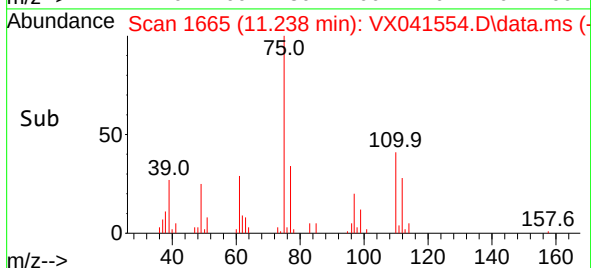
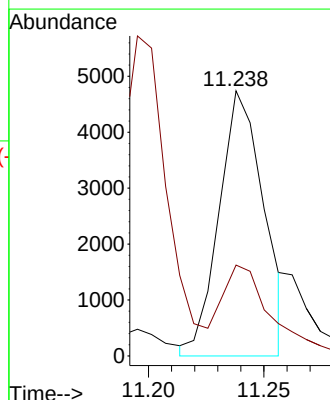
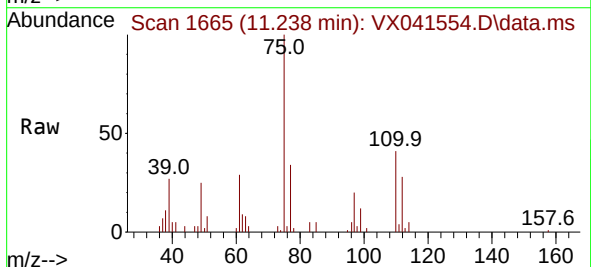
Acq: 16 May 2024 11:20

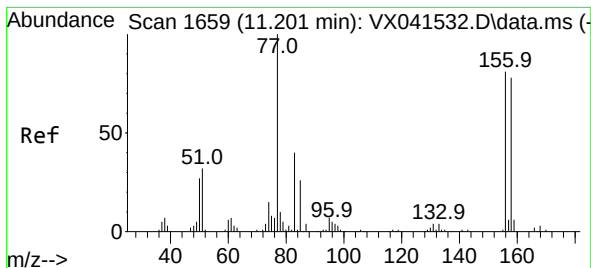
Tgt Ion: 75 Resp: 6375

Ion Ratio Lower Upper

75 100

77 37.9 0.0 78.8





#73

Bromobenzene

Concen: 2.454 ug/l

RT: 11.201 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX041554.D

Acq: 16 May 2024 11:20

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT2-2024

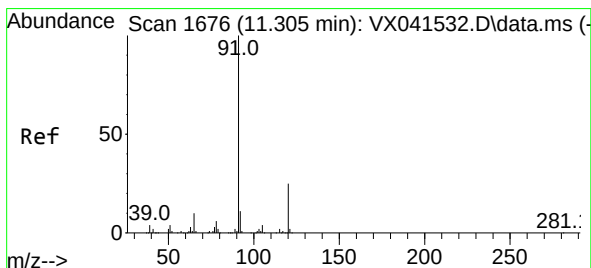
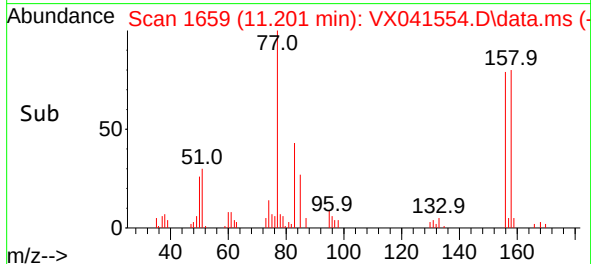
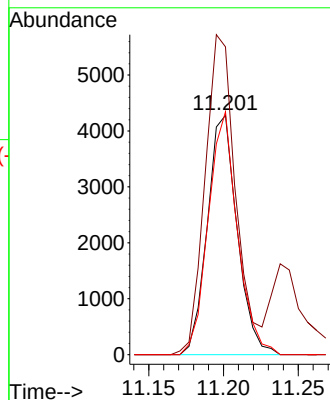
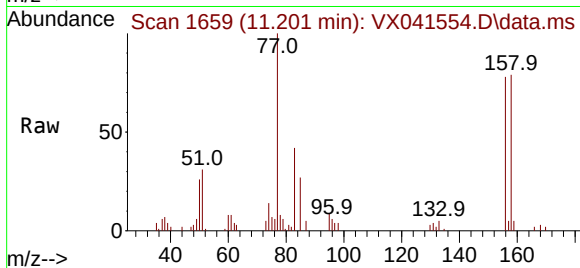
Tgt Ion:156 Resp: 5949

Ion Ratio Lower Upper

156 100

77 137.3 0.0 267.4

158 99.1 0.0 192.8



#74

n-propylbenzene

Concen: 2.175 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX041554.D

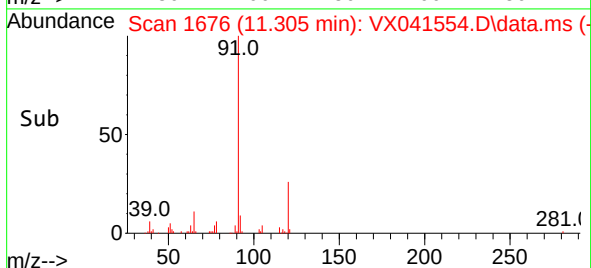
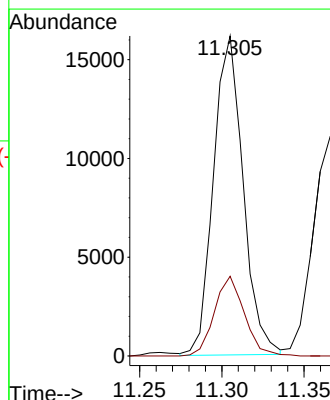
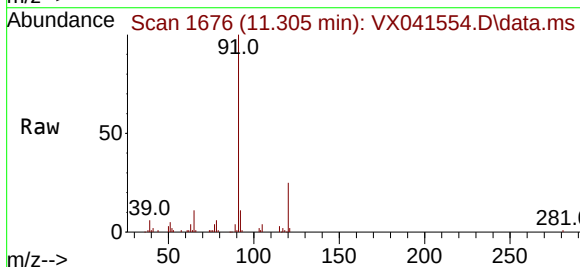
Acq: 16 May 2024 11:20

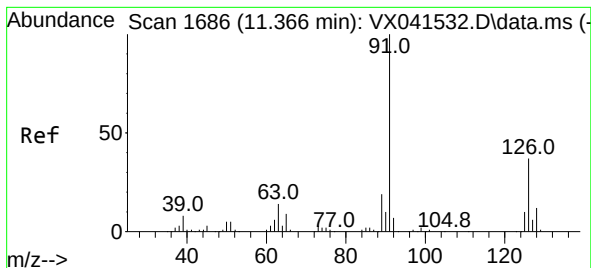
Tgt Ion: 91 Resp: 20227

Ion Ratio Lower Upper

91 100

120 25.3 0.0 48.4





#75

2-Chlorotoluene

Concen: 2.437 ug/l

RT: 11.366 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX041554.D

Acq: 16 May 2024 11:20

Instrument :

MSVOA_X

ClientSampleId :

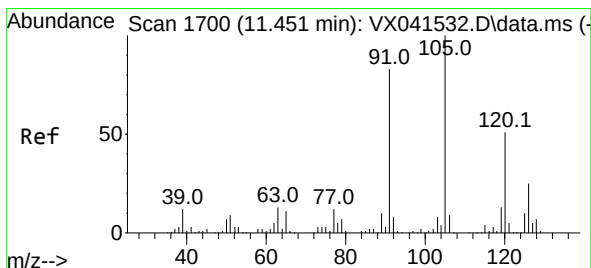
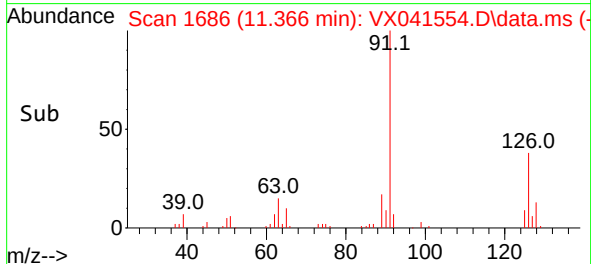
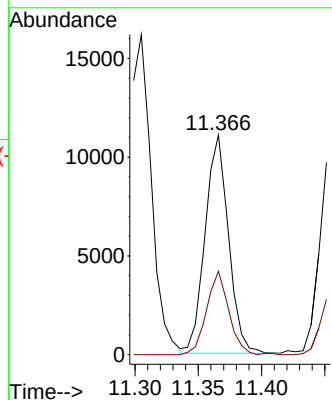
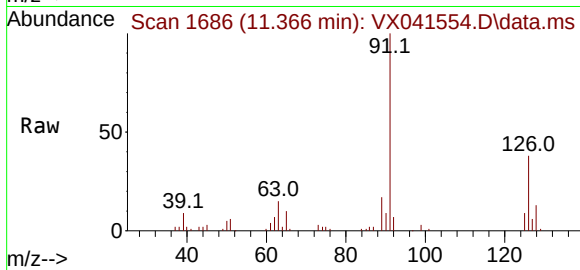
MDL-WATER-03-QT2-2024

Tgt Ion: 91 Resp: 14232

Ion Ratio Lower Upper

91 100

126 36.0 0.0 71.6



#76

1,3,5-Trimethylbenzene

Concen: 2.245 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX041554.D

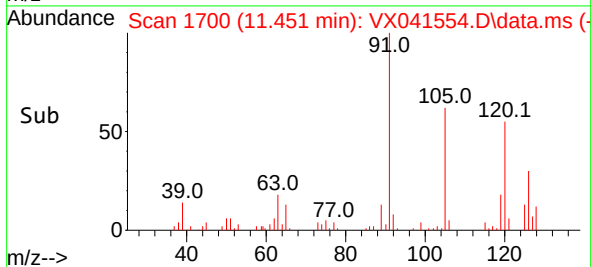
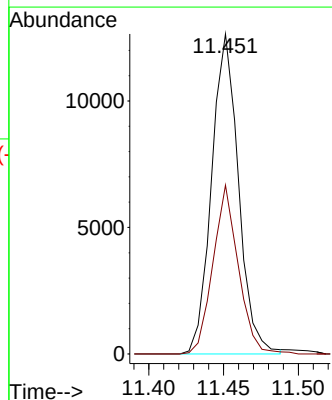
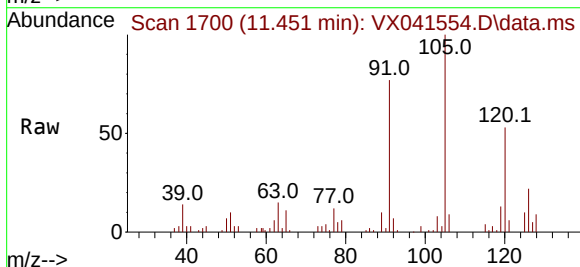
Acq: 16 May 2024 11:20

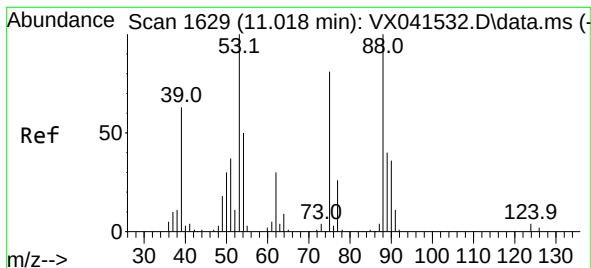
Tgt Ion: 105 Resp: 15805

Ion Ratio Lower Upper

105 100

120 49.9 0.0 102.6





#77

t-1,4-Dichloro-2-butene

Concen: 1.769 ug/l

RT: 11.018 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX041554.D

Acq: 16 May 2024 11:20

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT2-2024

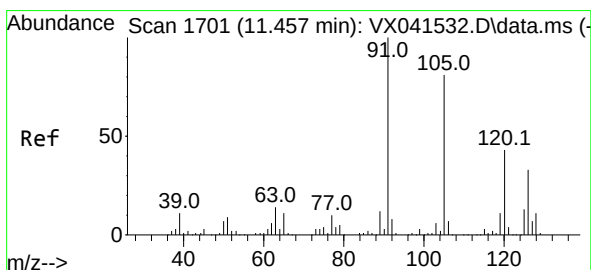
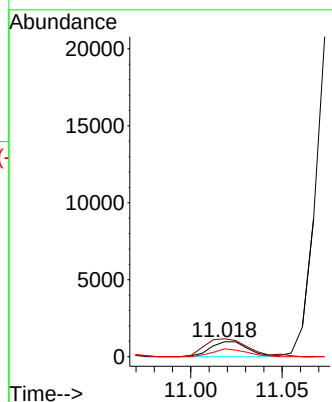
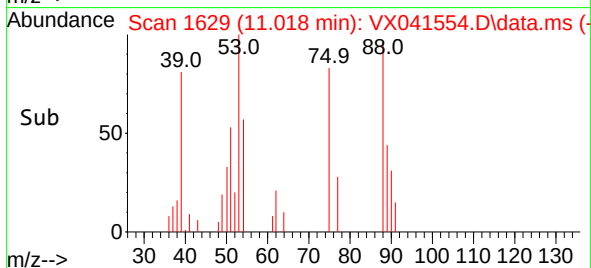
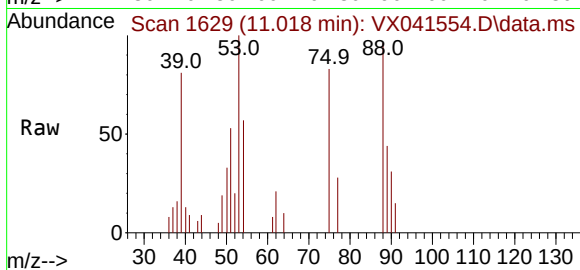
Tgt Ion: 75 Resp: 1421

Ion Ratio Lower Upper

75 100

53 120.5 61.8 185.3

89 52.9 24.9 74.7



#78

4-Chlorotoluene

Concen: 2.175 ug/l

RT: 11.457 min Scan# 1701

Delta R.T. 0.000 min

Lab File: VX041554.D

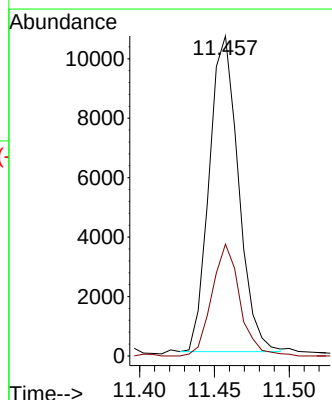
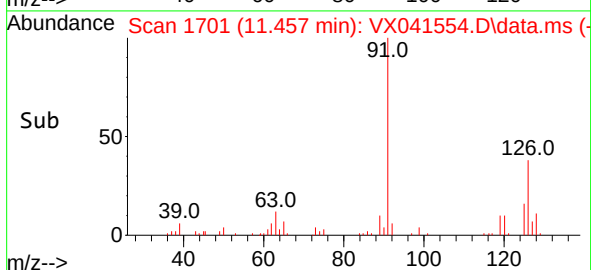
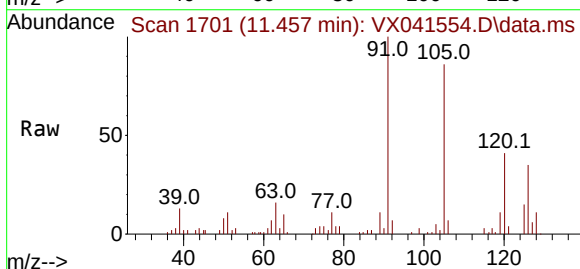
Acq: 16 May 2024 11:20

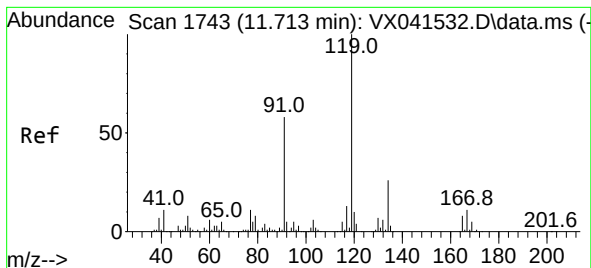
Tgt Ion: 91 Resp: 14472

Ion Ratio Lower Upper

91 100

126 33.9 0.0 62.2





#79

tert-butylbenzene

Concen: 2.269 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX041554.D

Acq: 16 May 2024 11:20

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT2-2024

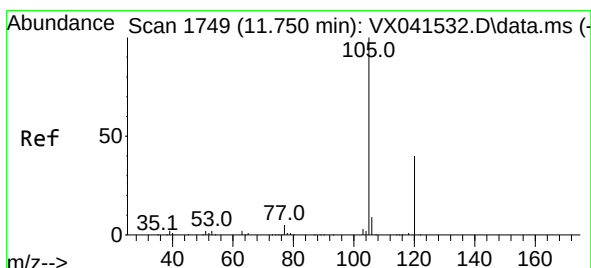
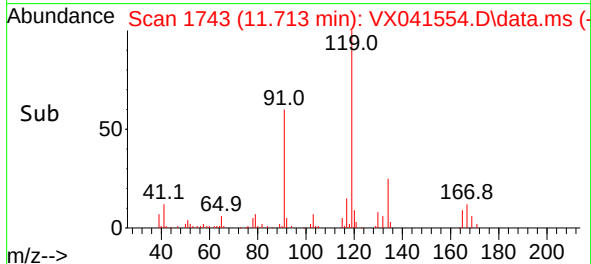
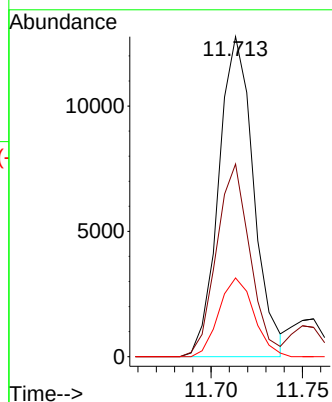
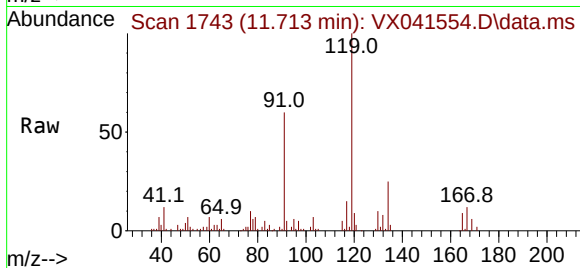
Tgt Ion:119 Resp: 17000

Ion Ratio Lower Upper

119 100

91 58.0 0.0 110.0

134 24.6 0.0 50.0



#80

1,2,4-Trimethylbenzene

Concen: 2.214 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX041554.D

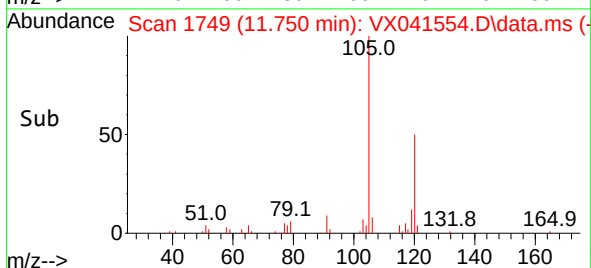
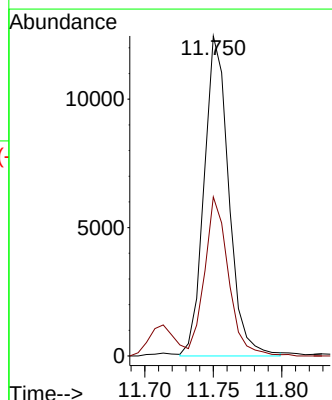
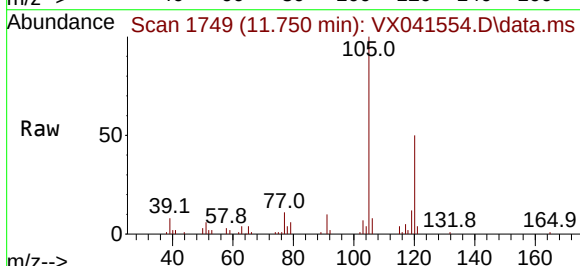
Acq: 16 May 2024 11:20

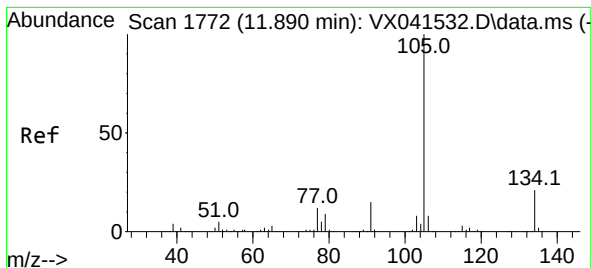
Tgt Ion:105 Resp: 15622

Ion Ratio Lower Upper

105 100

120 47.8 0.0 92.2





#81

sec-Butylbenzene

Concen: 2.215 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VX041554.D

Acq: 16 May 2024 11:20

Instrument :

MSVOA_X

ClientSampleId :

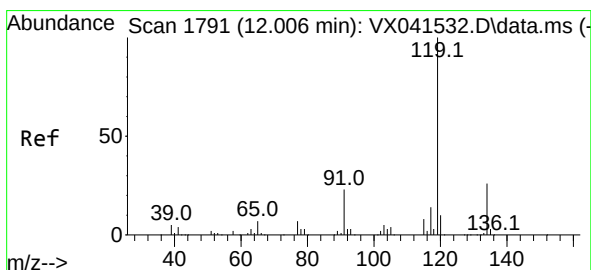
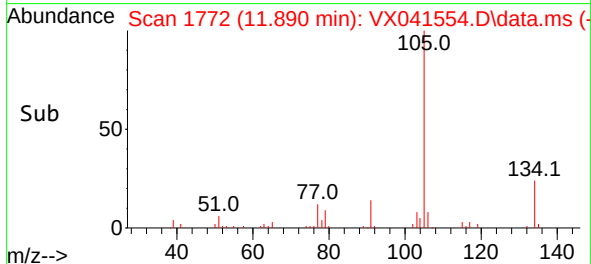
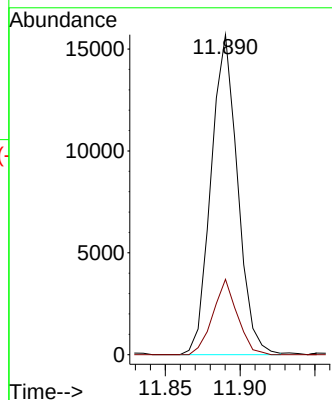
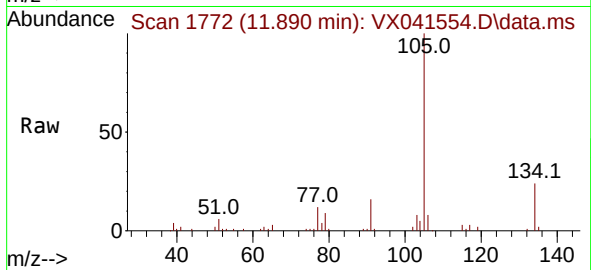
MDL-WATER-03-QT2-2024

Tgt Ion:105 Resp: 19395

Ion Ratio Lower Upper

105 100

134 21.7 0.0 43.4



#82

p-Isopropyltoluene

Concen: 2.093 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. 0.000 min

Lab File: VX041554.D

Acq: 16 May 2024 11:20

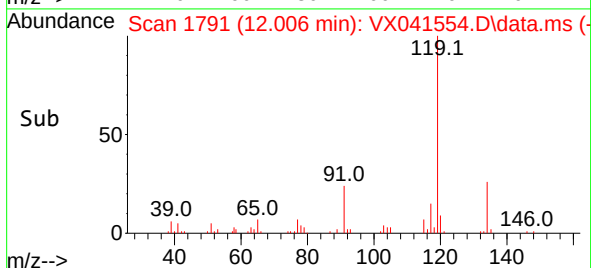
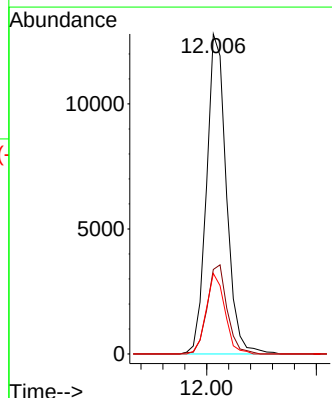
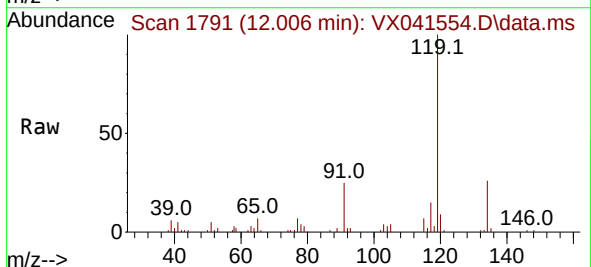
Tgt Ion:119 Resp: 16043

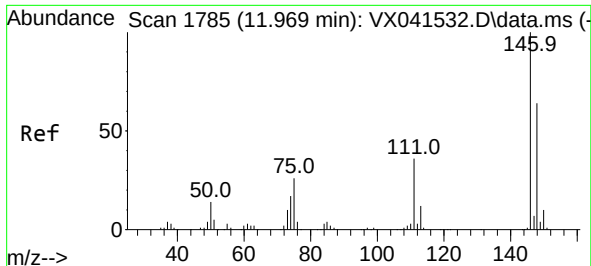
Ion Ratio Lower Upper

119 100

134 28.1 0.0 53.4

91 23.8 0.0 44.8

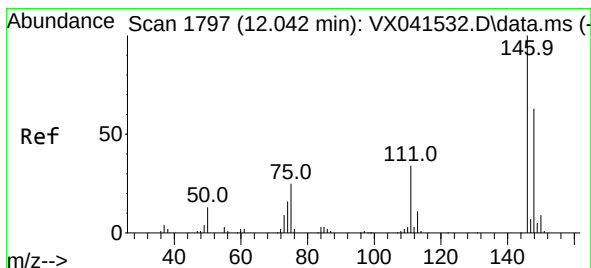
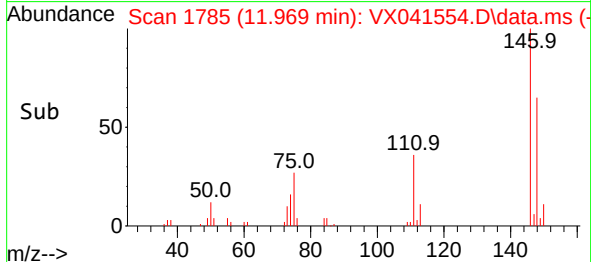
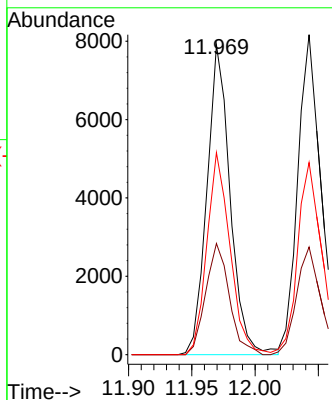
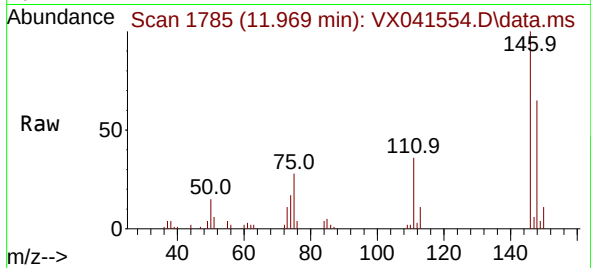




#83
1,3-Dichlorobenzene
Concen: 2.326 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX041554.D
Acq: 16 May 2024 11:20

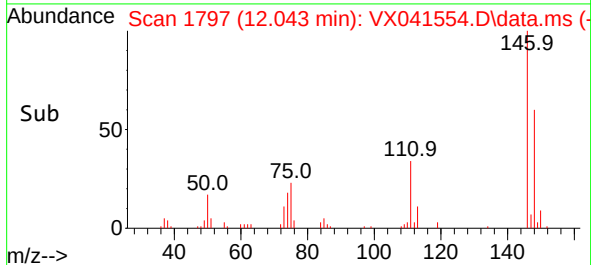
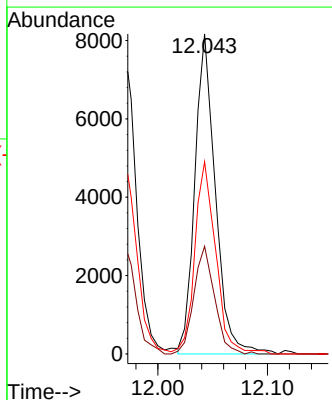
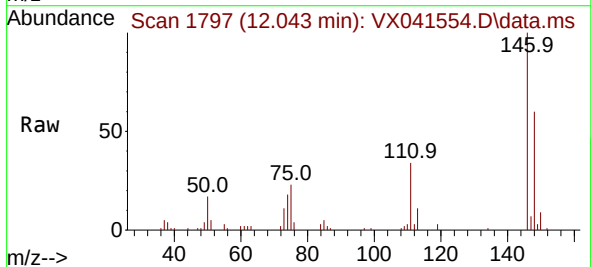
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2024

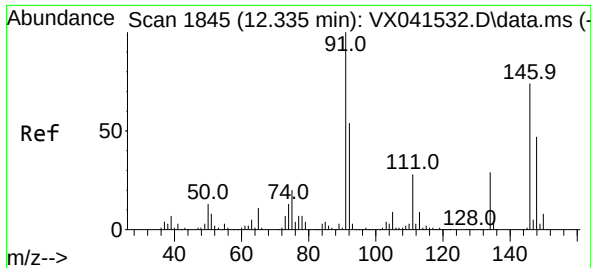
Tgt Ion:146	Resp:	10110
Ion	Ratio	Lower Upper
146	100	
111	36.6	18.4 55.2
148	65.1	32.3 96.9



#84
1,4-Dichlorobenzene
Concen: 2.425 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX041554.D
Acq: 16 May 2024 11:20

Tgt Ion:146	Resp:	10652
Ion	Ratio	Lower Upper
146	100	
111	33.8	17.8 53.5
148	58.6	31.9 95.5

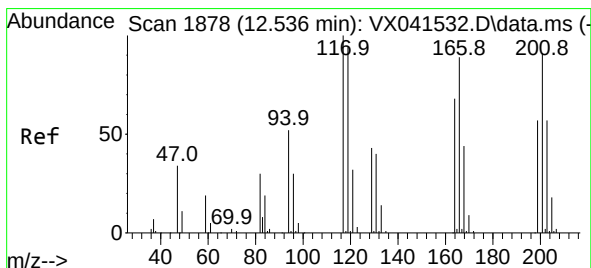
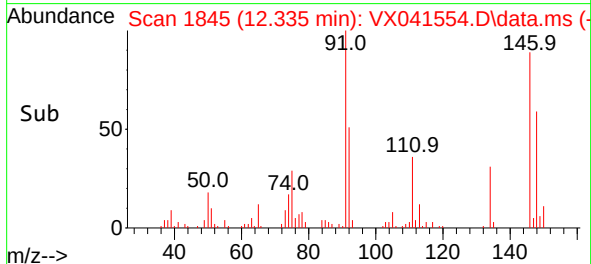
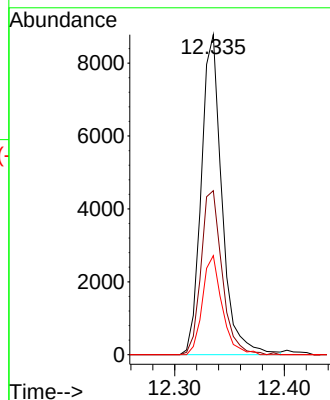
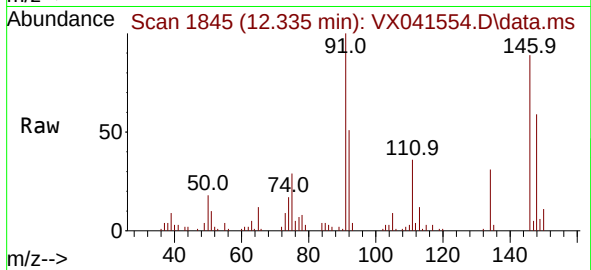




#85
n-Butylbenzene
Concen: 1.866 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX041554.D
Acq: 16 May 2024 11:20

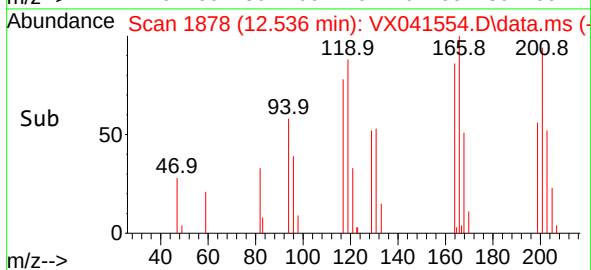
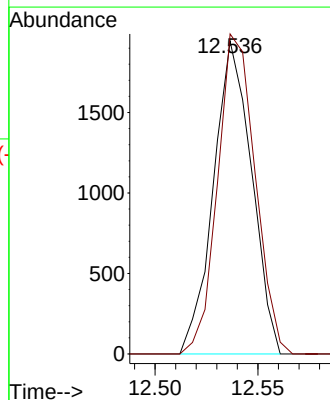
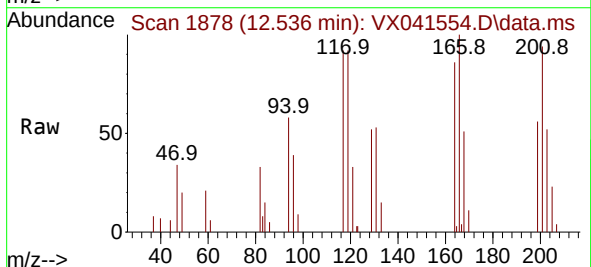
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2024

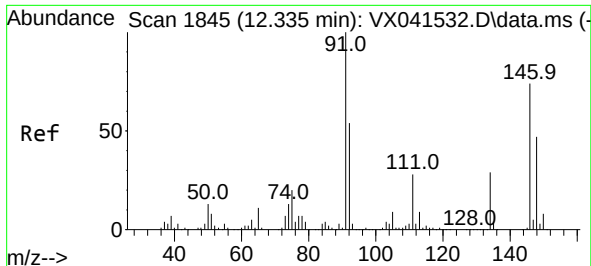
Tgt Ion: 91 Resp: 11511
Ion Ratio Lower Upper
91 100
92 52.0 0.0 108.4
134 29.4 0.0 56.6



#86
Hexachloroethane
Concen: 1.944 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX041554.D
Acq: 16 May 2024 11:20

Tgt Ion: 117 Resp: 2509
Ion Ratio Lower Upper
117 100
201 100.7 47.3 141.8

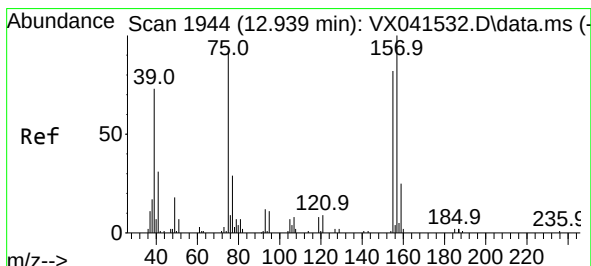
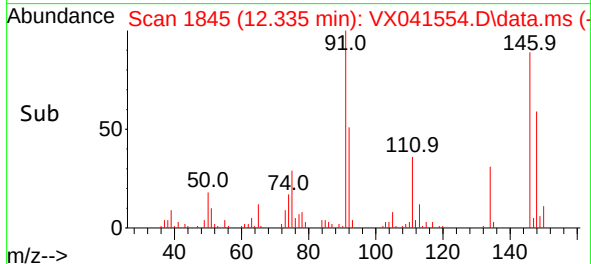
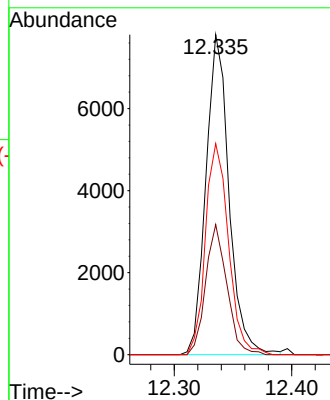
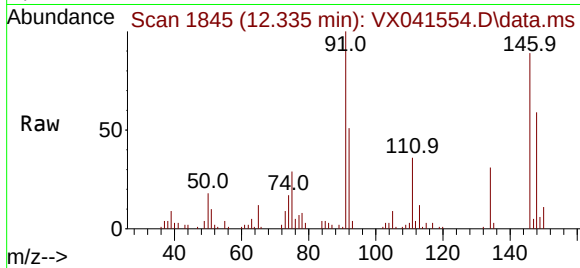




#87
 1,2-Dichlorobenzene
 Concen: 2.397 ug/l
 RT: 12.335 min Scan# 1845
 Delta R.T. 0.000 min
 Lab File: VX041554.D
 Acq: 16 May 2024 11:20

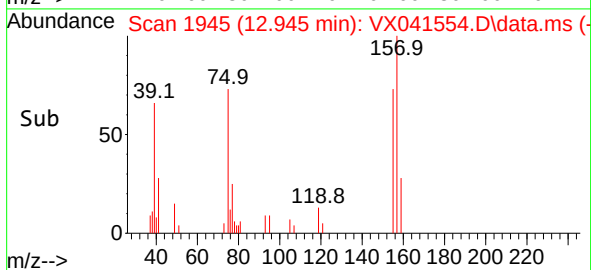
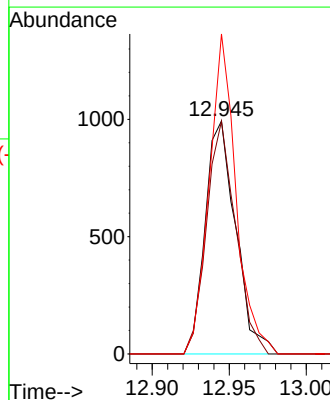
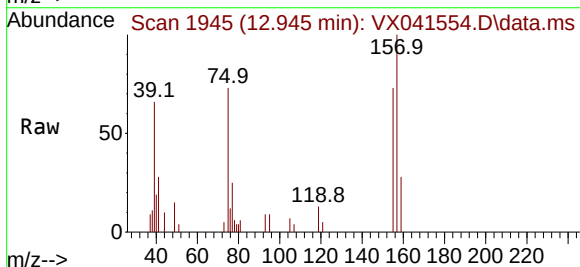
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT2-2024

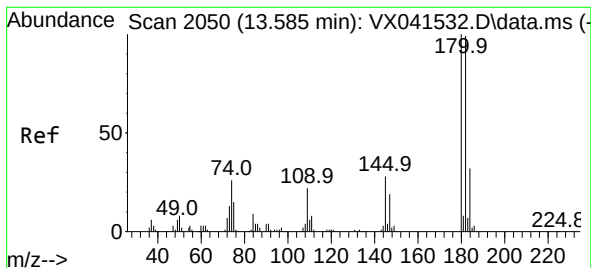
Tgt Ion:	146	Resp:	10637
Ion	Ratio	Lower	Upper
146	100		
111	37.5	19.3	57.9
148	65.9	31.8	95.4



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 2.201 ug/l m
 RT: 12.945 min Scan# 1945
 Delta R.T. 0.006 min
 Lab File: VX041554.D
 Acq: 16 May 2024 11:20

Tgt Ion:	75	Resp:	1370
Ion	Ratio	Lower	Upper
75	100		
155	95.4	80.4	120.6
157	120.3	102.2	153.2





#89

1,2,4-Trichlorobenzene

Concen: 2.030 ug/l

RT: 13.591 min Scan# 2050

Delta R.T. 0.006 min

Lab File: VX041554.D

Acq: 16 May 2024 11:20

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT2-2024

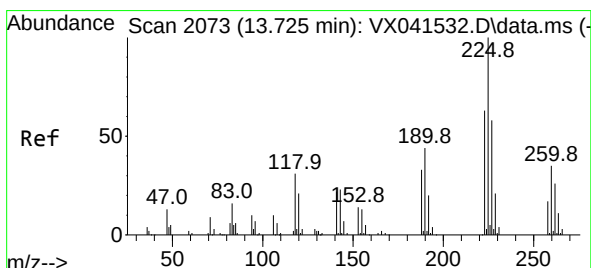
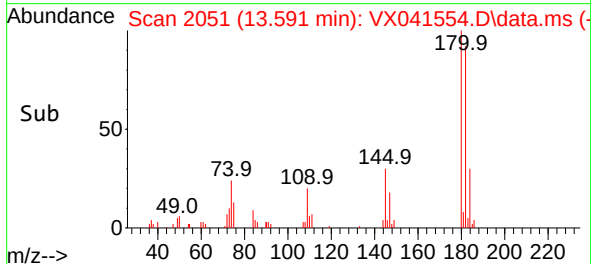
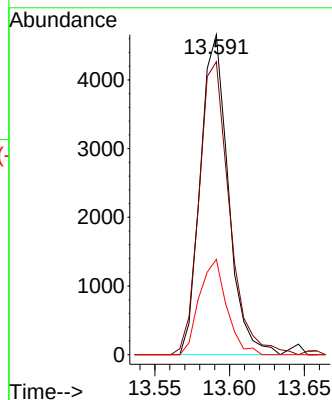
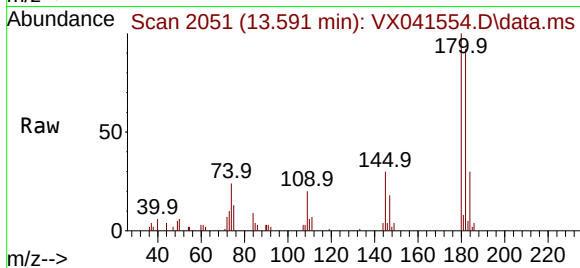
Tgt Ion:180 Resp: 6053

Ion Ratio Lower Upper

180 100

182 99.0 77.0 115.4

145 29.2 22.7 34.1



#90

Hexachlorobutadiene

Concen: 2.440 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX041554.D

Acq: 16 May 2024 11:20

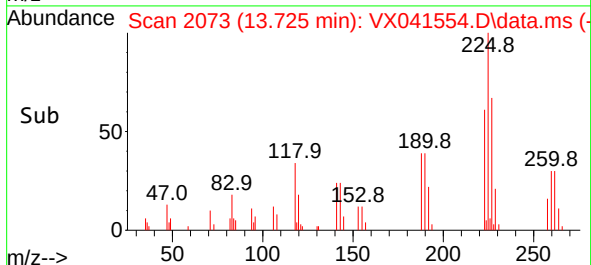
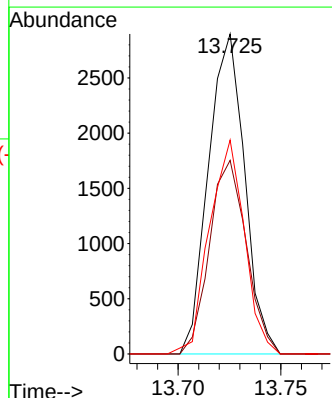
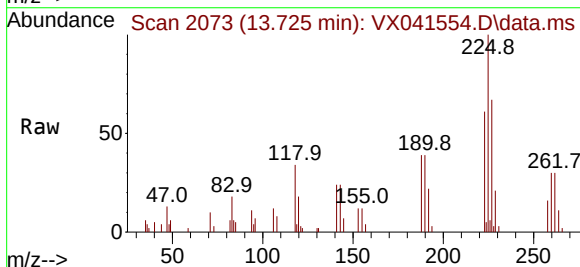
Tgt Ion:225 Resp: 3549

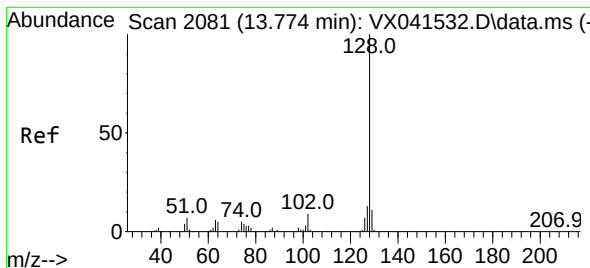
Ion Ratio Lower Upper

225 100

223 61.8 0.0 125.8

227 64.2 0.0 125.6





#91

Naphthalene

Concen: 2.018 ug/l

RT: 13.780 min Scan# 2081

Delta R.T. 0.006 min

Lab File: VX041554.D

Acq: 16 May 2024 11:20

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT2-2024

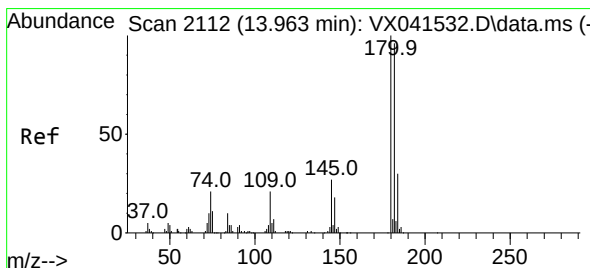
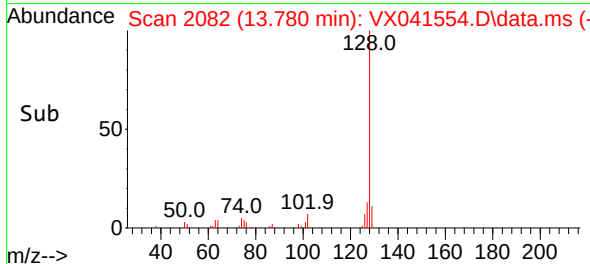
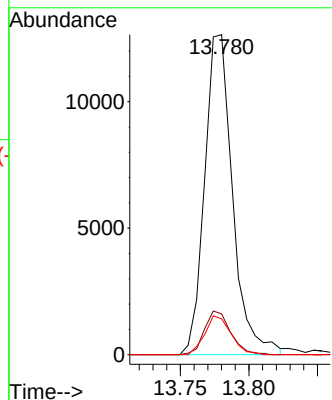
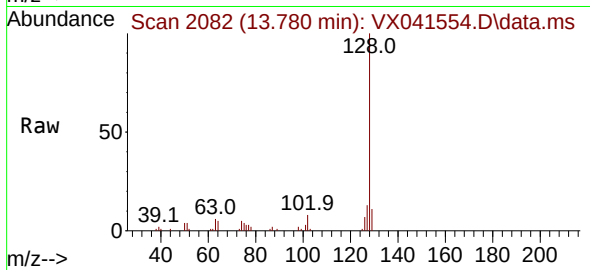
Tgt Ion:128 Resp: 17977

Ion Ratio Lower Upper

128 100

127 12.8 10.6 16.0

129 11.4 8.8 13.2



#92

1,2,3-Trichlorobenzene

Concen: 2.183 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX041554.D

Acq: 16 May 2024 11:20

Tgt Ion:180 Resp: 6649

Ion Ratio Lower Upper

180 100

182 97.2 0.0 191.0

145 29.6 0.0 58.6

