

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110222\
 Data File : VX032544.D
 Acq On : 02 Nov 2022 17:36
 Operator : JC/MD
 Sample : N4955-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT4-2022

Quant Time: Nov 03 03:17:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	101331	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	163155	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	143102	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	69629	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	71783	50.983	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	101.960%
35) Dibromofluoromethane	5.385	113	58252	50.053	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.100%
50) Toluene-d8	8.647	98	196567	48.573	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.140%
62) 4-Bromofluorobenzene	11.079	95	71795	45.418	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.840%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	2368	2.026	ug/l	89
3) Chloromethane	1.294	50	2335	2.362	ug/l	96
4) Vinyl Chloride	1.374	62	2563	2.356	ug/l	98
5) Bromomethane	1.605	94	2448	2.816	ug/l	95
6) Chloroethane	1.685	64	1619	2.219	ug/l	95
7) Trichlorofluoromethane	1.886	101	4958	2.406	ug/l	100
8) Diethyl Ether	2.130	74	1722	2.578	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.325	101	2749	2.527	ug/l	98
10) Methyl Iodide	2.453	142	2338	3.775	ug/l	98
11) Tert butyl alcohol	2.959	59	3215	15.688	ug/l	98
12) 1,1-Dichloroethene	2.319	96	2387	2.349	ug/l	95
13) Acrolein	2.239	56	2330	11.389	ug/l	97
14) Allyl chloride	2.660	41	3840	2.370	ug/l	99
15) Acrylonitrile	3.068	53	7259	13.052	ug/l	99
16) Acetone	2.379	43	7027	13.732	ug/l	96
17) Carbon Disulfide	2.508	76	4672	1.930	ug/l #	94
18) Methyl Acetate	2.703	43	4192	2.519	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	9081	2.542	ug/l	100
20) Methylene Chloride	2.788	84	3581	3.052	ug/l	90
21) trans-1,2-Dichloroethene	3.093	96	2619	2.368	ug/l	93
22) Diisopropyl ether	3.763	45	8814	2.515	ug/l	92
23) Vinyl Acetate	3.721	43	32784	11.581	ug/l	97
24) 1,1-Dichloroethane	3.611	63	4977	2.469	ug/l	94
25) 2-Butanone	4.568	43	10309	13.003	ug/l	90
26) 2,2-Dichloropropane	4.477	77	3725	2.325	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	3200	2.503	ug/l	98
28) Bromochloromethane	4.903	49	2155	3.002	ug/l #	100
29) Tetrahydrofuran	5.019	42	6171	12.207	ug/l	99
30) Chloroform	5.092	83	5649	2.554	ug/l	98
31) Cyclohexane	5.476	56	3906	2.288	ug/l	95
32) 1,1,1-Trichloroethane	5.385	97	5163	2.602	ug/l	98
36) 1,1-Dichloropropene	5.696	75	4034	2.489	ug/l	97
37) Ethyl Acetate	4.727	43	3975	2.356	ug/l #	92
38) Carbon Tetrachloride	5.684	117	4472	2.488	ug/l	88
39) Methylcyclohexane	7.385	83	4443	2.317	ug/l	95
40) Benzene	6.043	78	11521	2.512	ug/l	91

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	2063	2.401	ug/l #	89
42) 1,2-Dichloroethane	6.092	62	4847	2.585	ug/l	88
43) Isopropyl Acetate	6.342	43	6186	2.388	ug/l #	89
44) Trichloroethene	7.135	130	3144	2.435	ug/l	93
45) 1,2-Dichloropropane	7.433	63	2805	2.383	ug/l	96
46) Dibromomethane	7.586	93	2144	2.375	ug/l	97
47) Bromodichloromethane	7.824	83	4225	2.469	ug/l	97
48) Methyl methacrylate	7.702	41	2941	2.199	ug/l	91
49) 1,4-Dioxane	7.677	88	1272	49.895	ug/l	98
51) 4-Methyl-2-Pentanone	8.573	43	19469	11.933	ug/l	99
52) Toluene	8.720	92	7278	2.432	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	3608	2.067	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	3916	2.097	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	3060	2.428	ug/l	94
56) Ethyl methacrylate	9.122	69	4061	2.239	ug/l	96
57) 1,3-Dichloropropane	9.311	76	5050	2.482	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.244	63	10312	11.810	ug/l	98
59) 2-Hexanone	9.433	43	14461	11.946	ug/l	95
60) Dibromochloromethane	9.518	129	3042	2.210	ug/l	94
61) 1,2-Dibromoethane	9.610	107	3070	2.299	ug/l	99
64) Tetrachloroethene	9.275	164	2723	2.600	ug/l	95
65) Chlorobenzene	10.079	112	8244	2.572	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.165	131	2857	2.368	ug/l	91
67) Ethyl Benzene	10.195	91	14163	2.471	ug/l	99
68) m/p-Xylenes	10.305	106	10804	4.854	ug/l	98
69) o-Xylene	10.646	106	5274	2.437	ug/l	99
70) Styrene	10.658	104	8390	2.333	ug/l	96
71) Bromoform	10.799	173	2116	2.218	ug/l #	91
73) Isopropylbenzene	10.963	105	13651	2.474	ug/l	100
74) N-amyl acetate	10.847	43	4513	2.165	ug/l #	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	4843	2.735	ug/l	95
76) 1,2,3-Trichloropropane	11.238	75	4849	3.130	ug/l	87
77) Bromobenzene	11.201	156	3600	2.661	ug/l	98
78) n-propylbenzene	11.305	91	15216	2.394	ug/l	99
79) 2-Chlorotoluene	11.366	91	9904	2.601	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	11405	2.419	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.079	75	39460	81.057	ug/l #	6
82) 4-Chlorotoluene	11.457	91	10838	2.433	ug/l	100
83) tert-Butylbenzene	11.713	119	11756	2.497	ug/l	97
84) 1,2,4-Trimethylbenzene	11.756	105	11129	2.373	ug/l	97
85) sec-Butylbenzene	11.890	105	13297	2.347	ug/l	97
86) p-Isopropyltoluene	12.012	119	11441	2.380	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	6428	2.519	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	6532	2.468	ug/l	87
89) n-Butylbenzene	12.335	91	9160	2.190	ug/l	98
90) Hexachloroethane	12.536	117	1827	2.327	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	6719	2.671	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	852	2.194	ug/l	92
93) 1,2,4-Trichlorobenzene	13.591	180	3494	2.130	ug/l	97
94) Hexachlorobutadiene	13.725	225	1719	2.509	ug/l	96
95) Naphthalene	13.780	128	12543	2.295	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	3846	2.306	ug/l	95

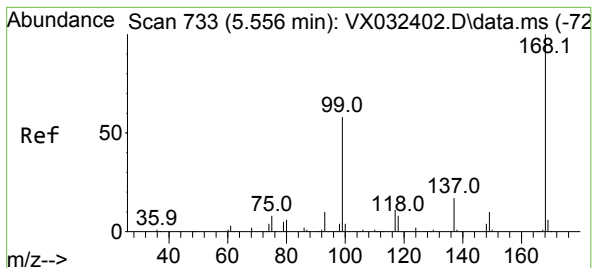
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.556 min Scan# 71

Delta R.T. -0.000 min

Lab File: VX032544.D

Acq: 02 Nov 2022 17:36

Instrument :

MSVOA_X

ClientSampleId :

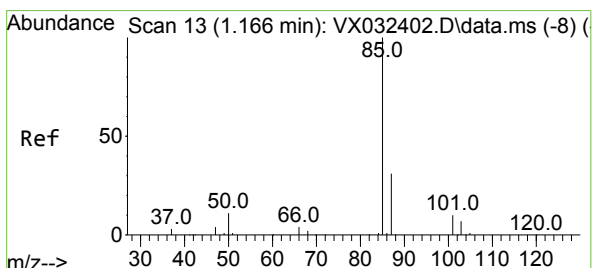
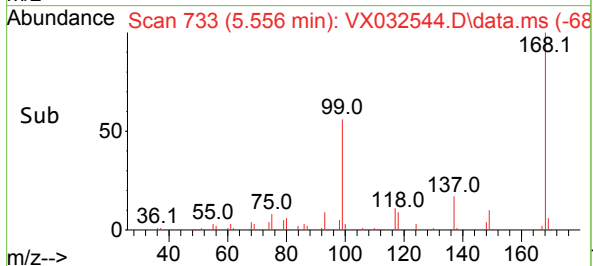
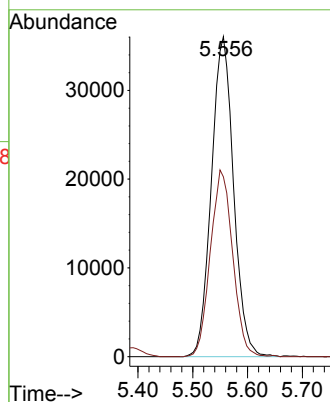
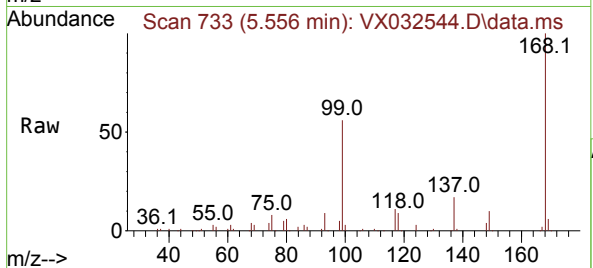
MDL-WATER-03-QT4-2022

Tgt Ion:168 Resp: 101331

Ion Ratio Lower Upper

168 100

99 56.2 46.1 69.1



#2

Dichlorodifluoromethane

Concen: 2.026 ug/l

RT: 1.166 min Scan# 13

Delta R.T. -0.000 min

Lab File: VX032544.D

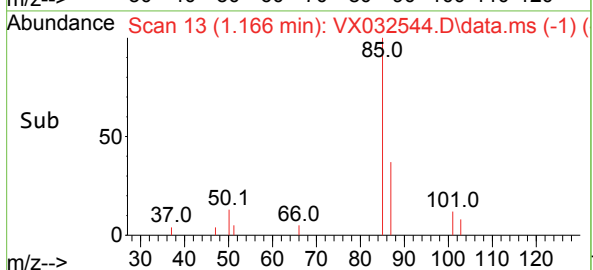
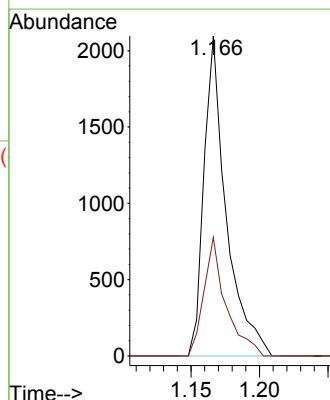
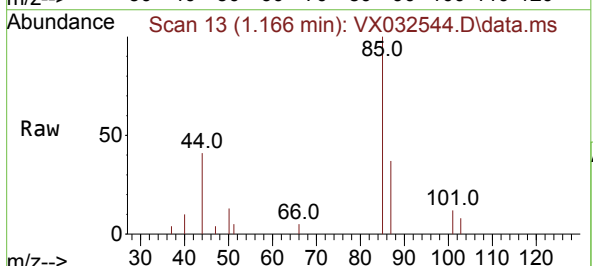
Acq: 02 Nov 2022 17:36

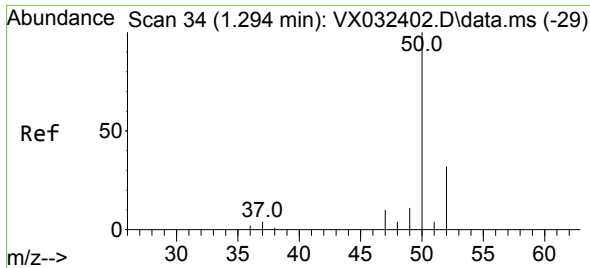
Tgt Ion: 85 Resp: 2368

Ion Ratio Lower Upper

85 100

87 37.1 15.6 46.7

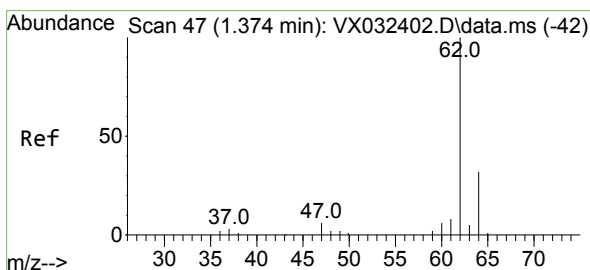
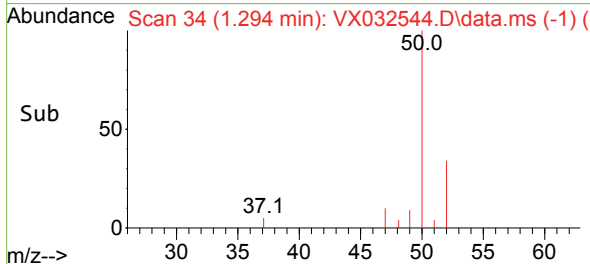
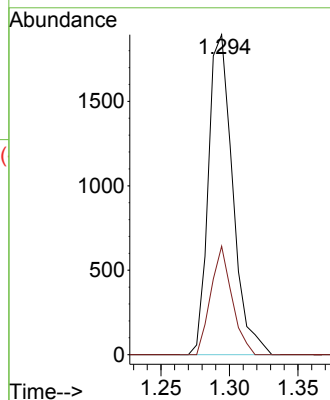
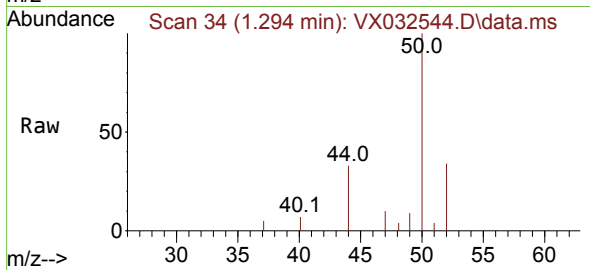




#3
Chloromethane
Concen: 2.362 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX032544.D
Acq: 02 Nov 2022 17:36

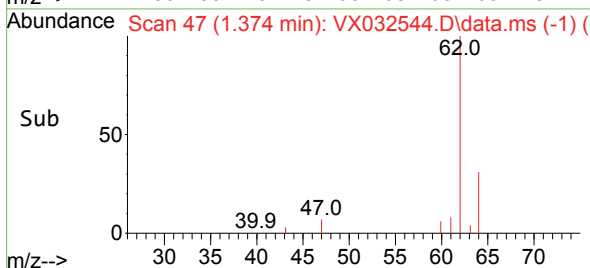
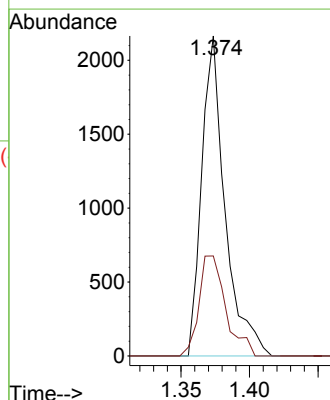
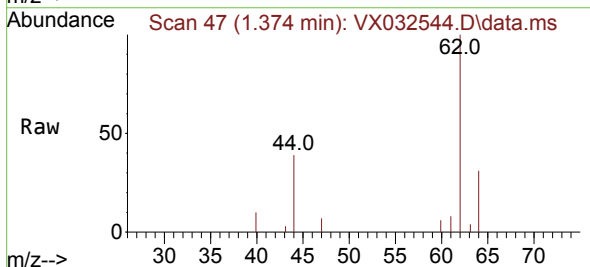
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2022

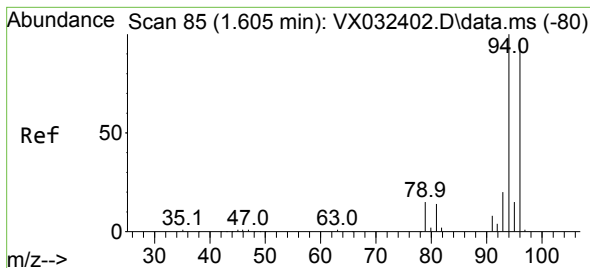
Tgt Ion: 50 Resp: 2335
Ion Ratio Lower Upper
50 100
52 33.9 25.4 38.2



#4
Vinyl Chloride
Concen: 2.356 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX032544.D
Acq: 02 Nov 2022 17:36

Tgt Ion: 62 Resp: 2563
Ion Ratio Lower Upper
62 100
64 31.3 25.8 38.6





#5

Bromomethane

Concen: 2.816 ug/l

RT: 1.605 min Scan# 81

Delta R.T. -0.000 min

Lab File: VX032544.D

Acq: 02 Nov 2022 17:36

Instrument :

MSVOA_X

ClientSampleId :

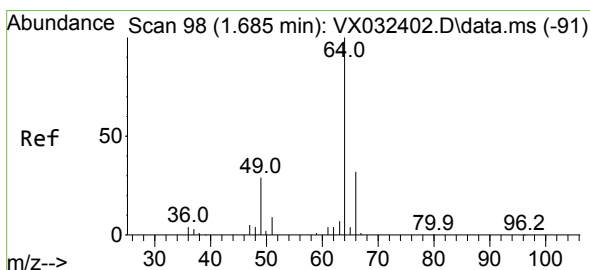
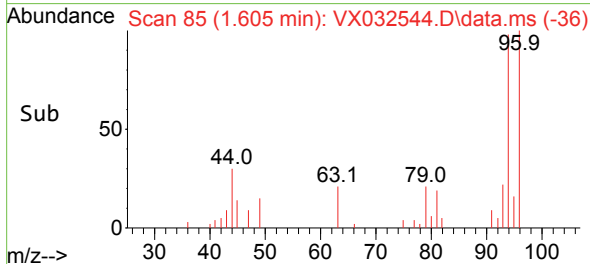
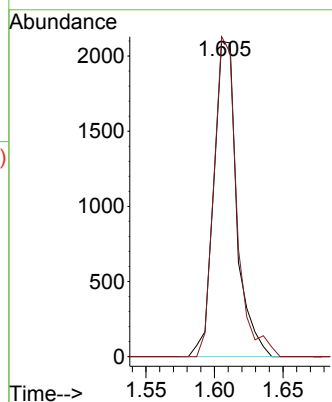
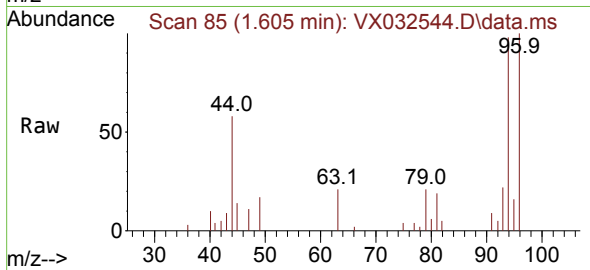
MDL-WATER-03-QT4-2022

Tgt Ion: 94 Resp: 2448

Ion Ratio Lower Upper

94 100

96 101.5 77.6 116.4



#6

Chloroethane

Concen: 2.219 ug/l

RT: 1.685 min Scan# 98

Delta R.T. -0.000 min

Lab File: VX032544.D

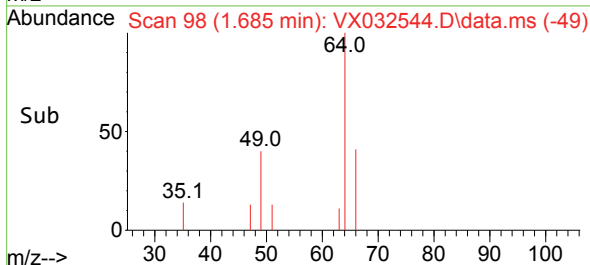
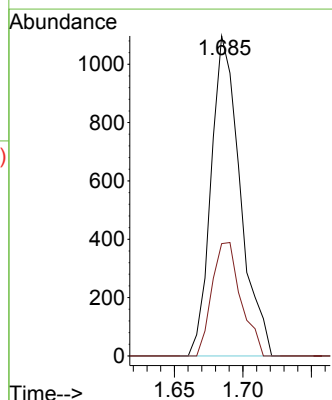
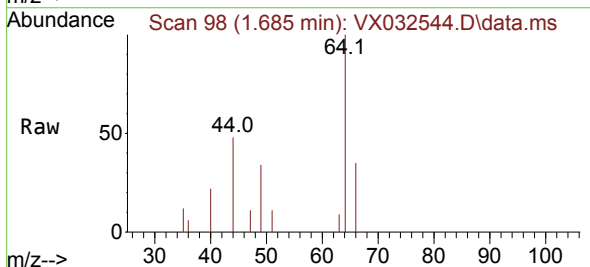
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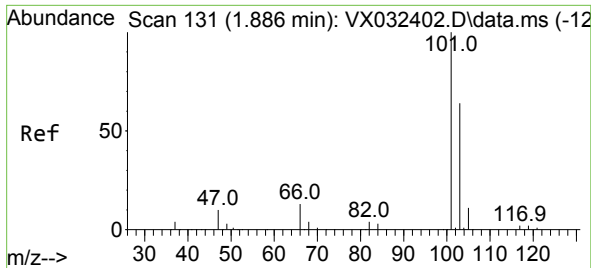
Tgt Ion: 64 Resp: 1619

Ion Ratio Lower Upper

64 100

66 35.1 26.0 39.0

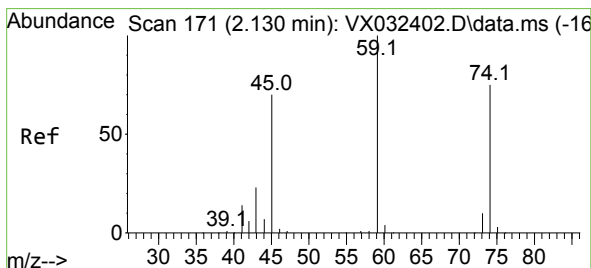
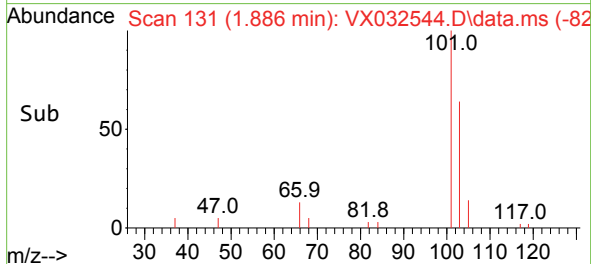
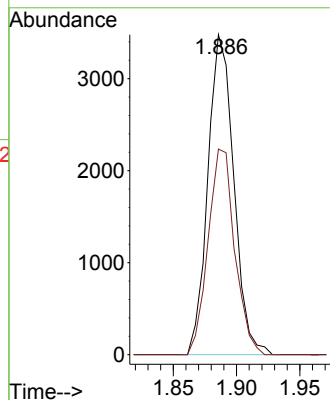
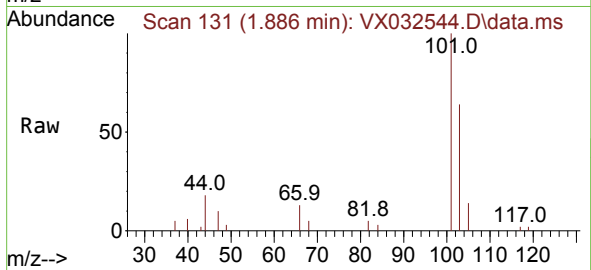




#7
 Trichlorofluoromethane
 Concen: 2.406 ug/l
 RT: 1.886 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX032544.D
 Acq: 02 Nov 2022 17:36

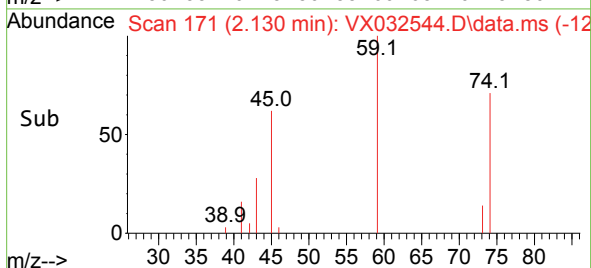
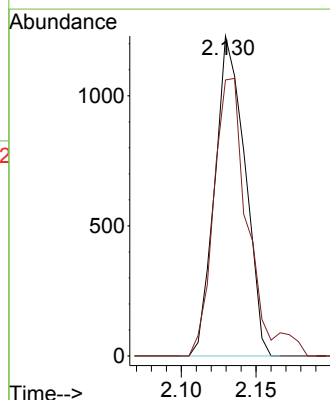
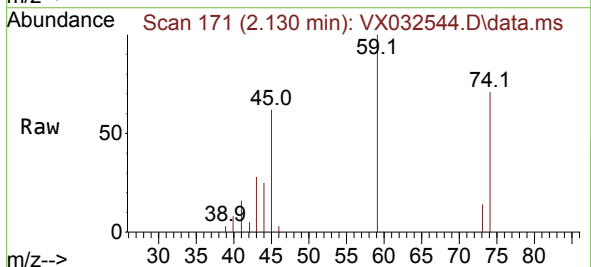
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 MDL-WATER-03-QT4-2022

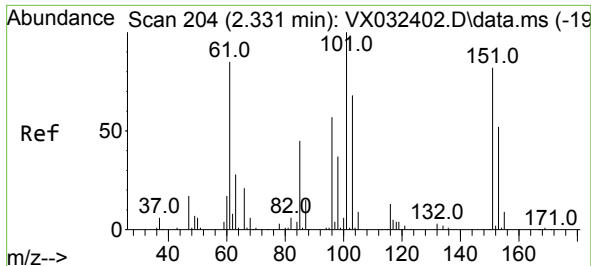
Tgt Ion:101 Resp: 4958
 Ion Ratio Lower Upper
 101 100
 103 64.3 51.4 77.2



#8
 Diethyl Ether
 Concen: 2.578 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. -0.000 min
 Lab File: VX032544.D
 Acq: 02 Nov 2022 17:36

Tgt Ion: 74 Resp: 1722
 Ion Ratio Lower Upper
 74 100
 45 98.6 46.6 139.7

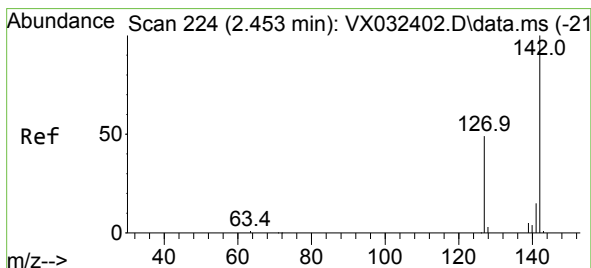
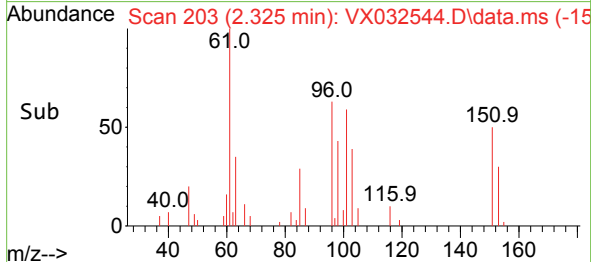
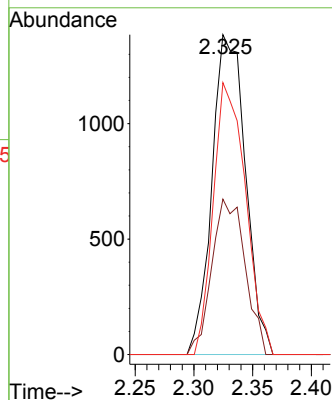
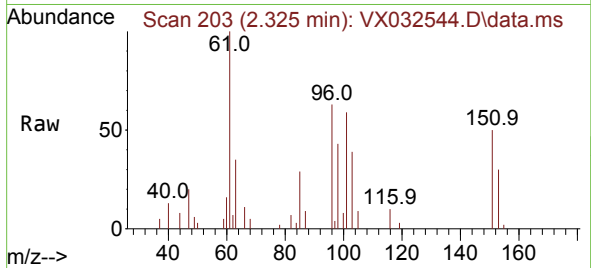




#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.527 ug/l
RT: 2.325 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX032544.D
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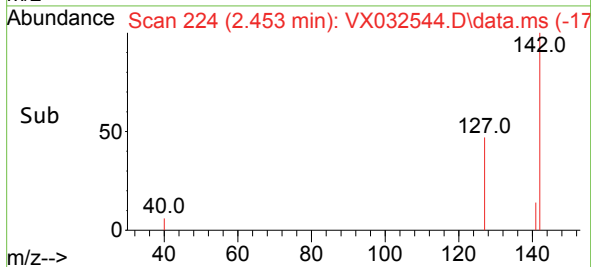
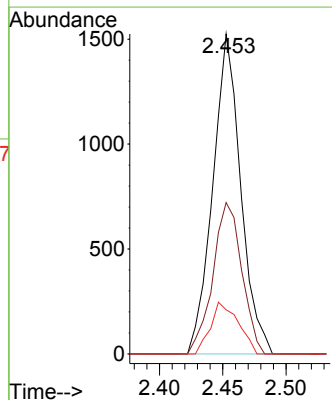
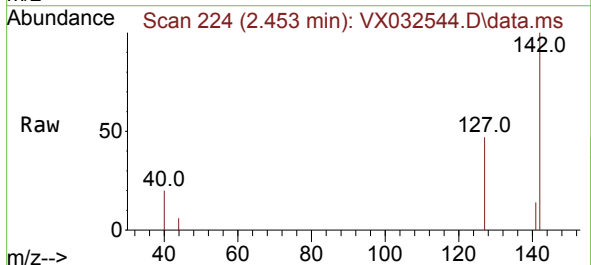
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2022

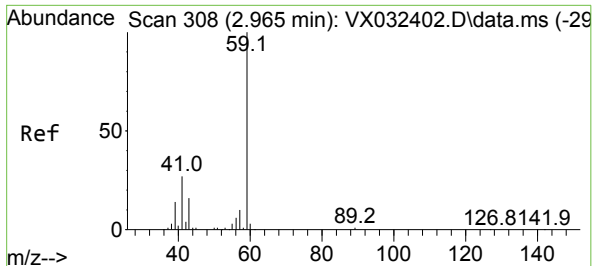
Tgt Ion:101 Resp: 2749
Ion Ratio Lower Upper
101 100
85 48.3 37.0 55.4
151 81.8 64.4 96.6



#10
Methyl Iodide
Concen: 3.775 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX032544.D
Acq: 02 Nov 2022 17:36

Tgt Ion:142 Resp: 2338
Ion Ratio Lower Upper
142 100
127 49.1 38.6 57.8
141 16.1 11.4 17.2





#11

Tert butyl alcohol

Concen: 15.688 ug/l

RT: 2.959 min Scan# 308

Delta R.T. -0.006 min

Lab File: VX032544.D

Acq: 02 Nov 2022 17:36

Instrument :

MSVOA_X

ClientSampleId :

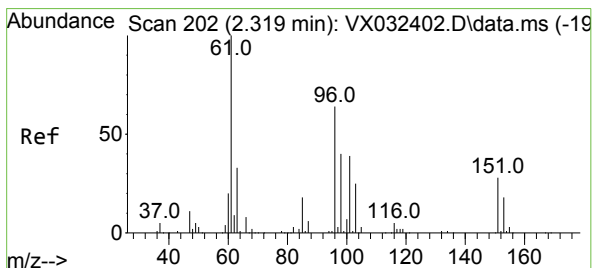
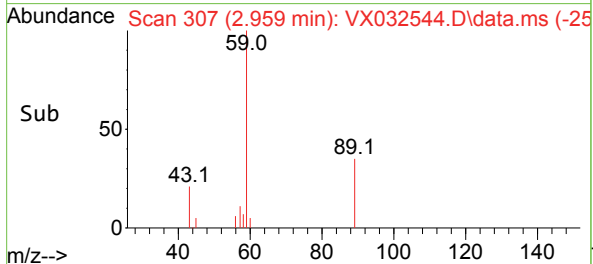
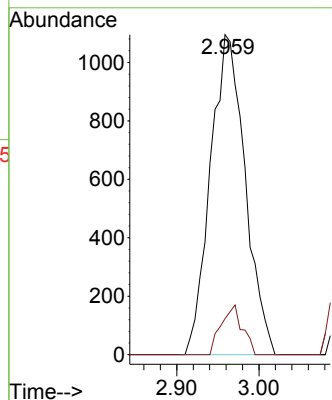
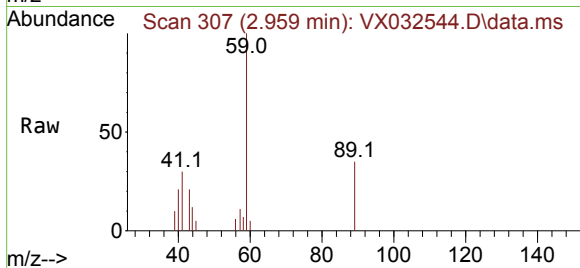
MDL-WATER-03-QT4-2022

Tgt Ion: 59 Resp: 3215

Ion Ratio Lower Upper

59 100

57 9.5 8.2 12.4



#12

1,1-Dichloroethene

Concen: 2.349 ug/l

RT: 2.319 min Scan# 202

Delta R.T. -0.000 min

Lab File: VX032544.D

Acq: 02 Nov 2022 17:36

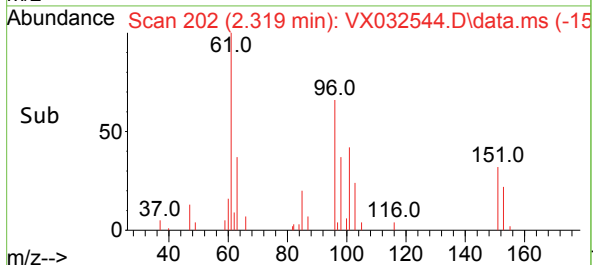
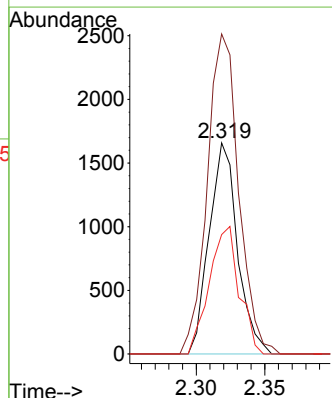
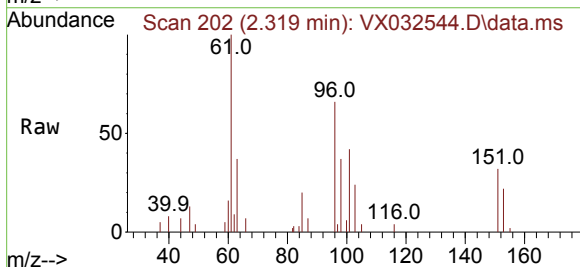
Tgt Ion: 96 Resp: 2387

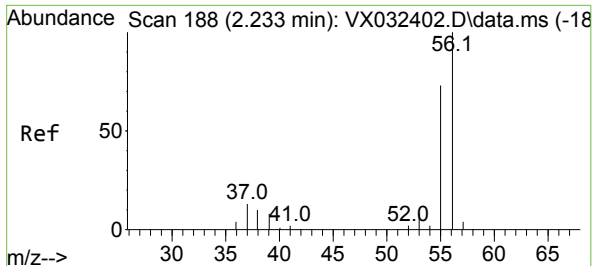
Ion Ratio Lower Upper

96 100

61 151.6 125.1 187.7

98 56.6 50.6 76.0





#13

Acrolein

Concen: 11.389 ug/l

RT: 2.239 min Scan# 188

Delta R.T. 0.006 min

Lab File: VX032544.D

Acq: 02 Nov 2022 17:36

Instrument :

MSVOA_X

ClientSampleId :

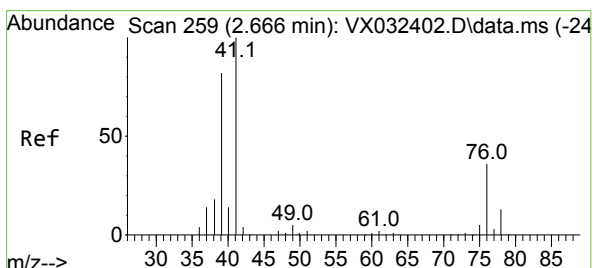
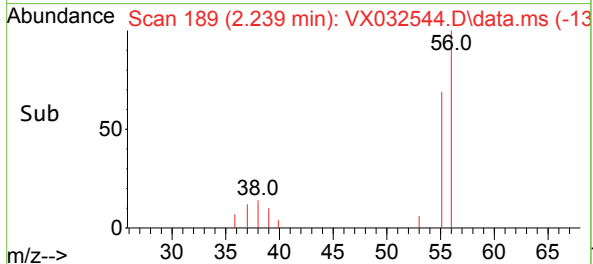
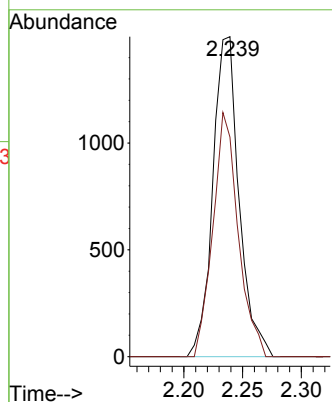
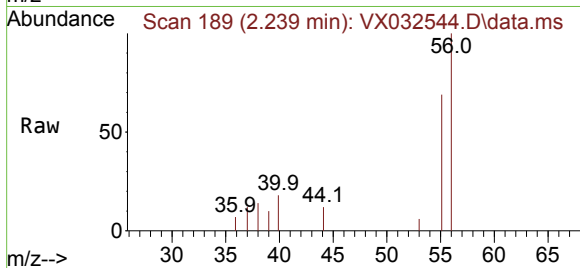
MDL-WATER-03-QT4-2022

Tgt Ion: 56 Resp: 2330

Ion Ratio Lower Upper

56 100

55 73.5 56.9 85.3



#14

Allyl chloride

Concen: 2.370 ug/l

RT: 2.660 min Scan# 258

Delta R.T. -0.006 min

Lab File: VX032544.D

Acq: 02 Nov 2022 17:36

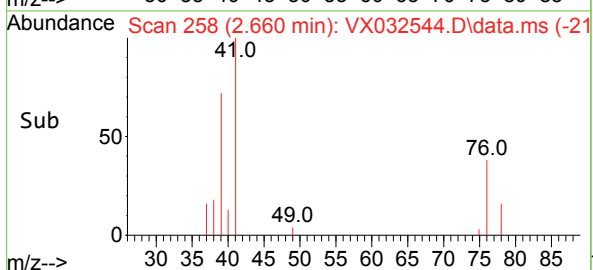
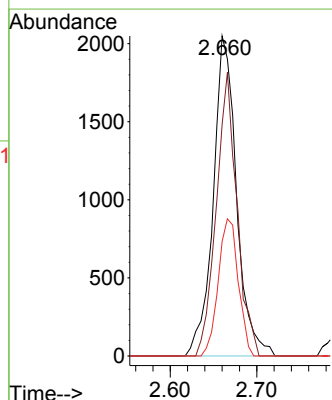
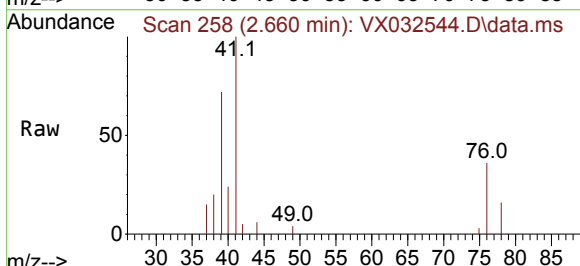
Tgt Ion: 41 Resp: 3840

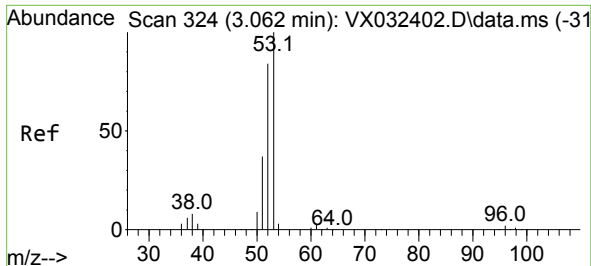
Ion Ratio Lower Upper

41 100

39 78.5 61.4 92.2

76 36.7 29.2 43.8

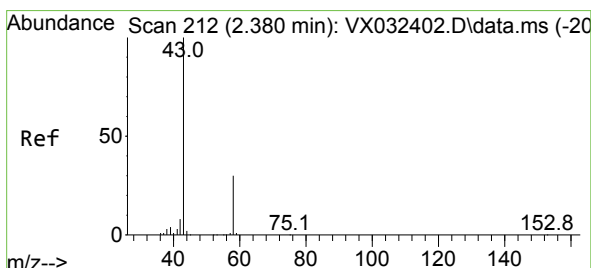
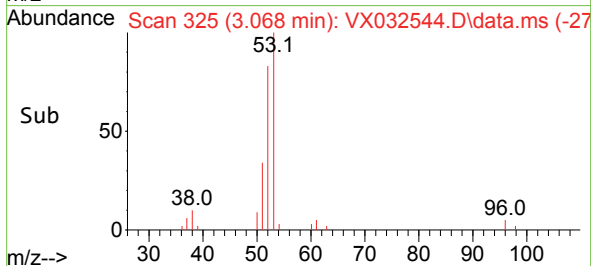
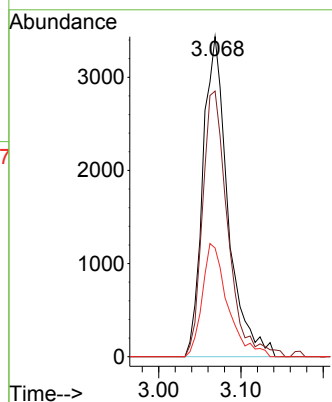
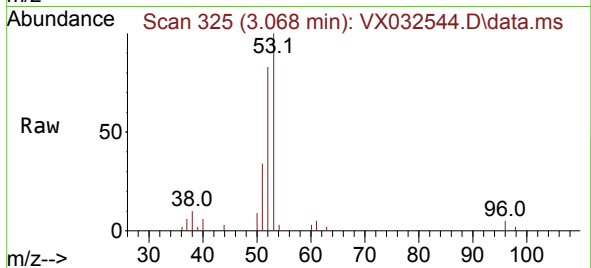




#15
Acrylonitrile
Concen: 13.052 ug/l
RT: 3.068 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX032544.D
Acq: 02 Nov 2022 17:36

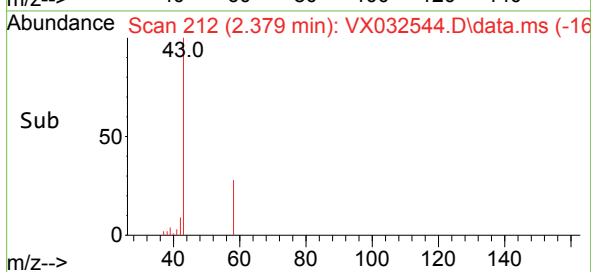
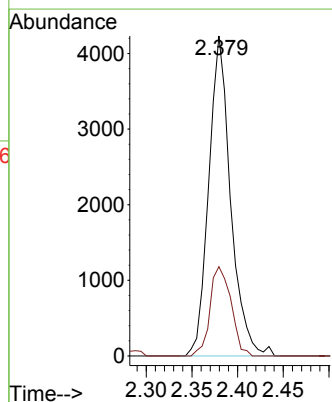
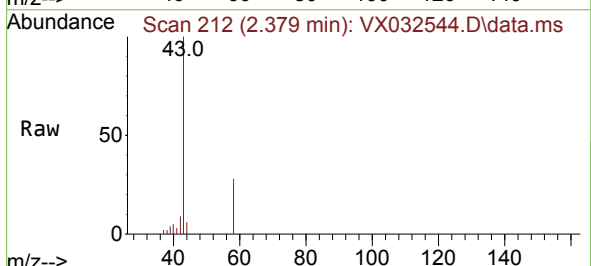
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2022

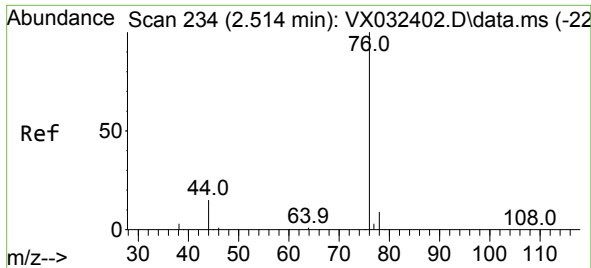
Tgt Ion: 53	Resp: 7259
Ion Ratio	Lower Upper
53 100	
52 83.6	67.4 101.0
51 35.9	30.3 45.5



#16
Acetone
Concen: 13.732 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX032544.D
Acq: 02 Nov 2022 17:36

Tgt Ion: 43	Resp: 7027
Ion Ratio	Lower Upper
43 100	
58 27.9	23.8 35.8





#17

Carbon Disulfide

Concen: 1.930 ug/l

RT: 2.508 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX032544.D

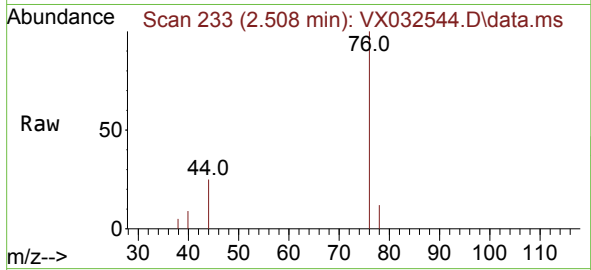
Acq: 02 Nov 2022 17:36

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT4-2022

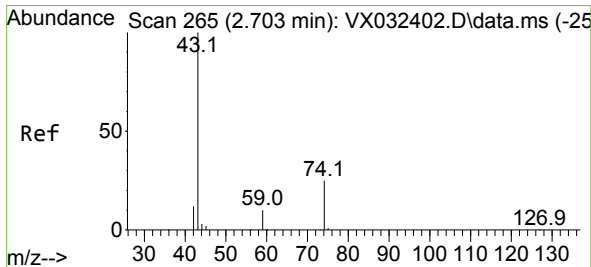
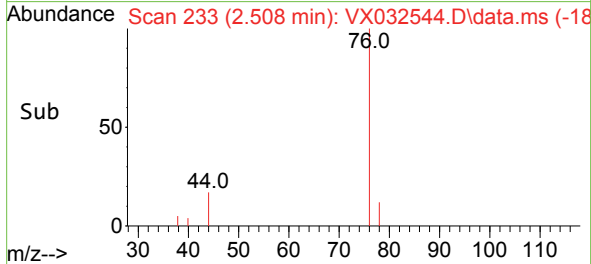
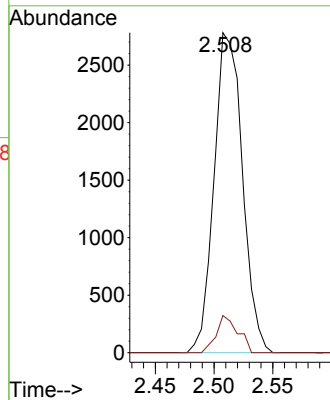


Tgt Ion: 76 Resp: 4672

Ion Ratio Lower Upper

76 100

78 11.6 7.5 11.3#



#18

Methyl Acetate

Concen: 2.519 ug/l

RT: 2.703 min Scan# 265

Delta R.T. -0.000 min

Lab File: VX032544.D

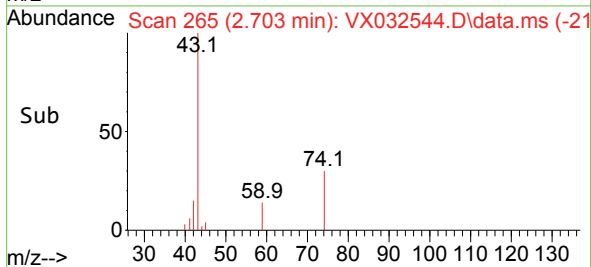
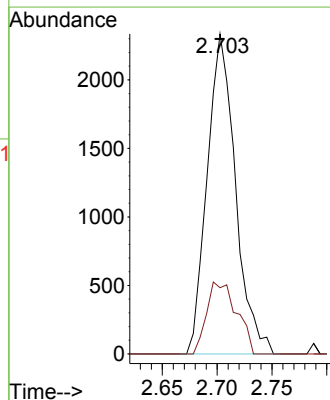
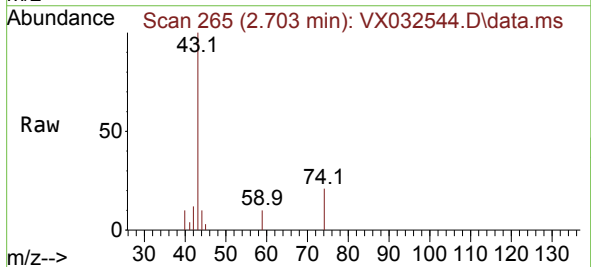
Acq: 02 Nov 2022 17:36

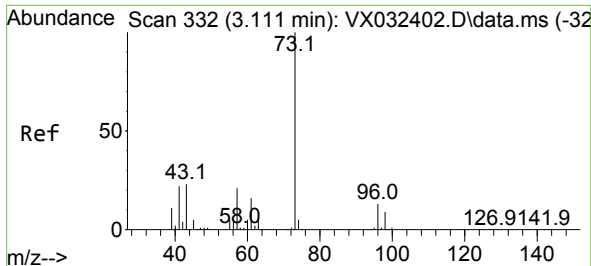
Tgt Ion: 43 Resp: 4192

Ion Ratio Lower Upper

43 100

74 23.8 19.4 29.0





#19

Methyl tert-butyl Ether

Concen: 2.542 ug/l

RT: 3.117 min Scan# 31

Delta R.T. 0.006 min

Lab File: VX032544.D

Acq: 02 Nov 2022 17:36

Instrument :

MSVOA_X

ClientSampleId :

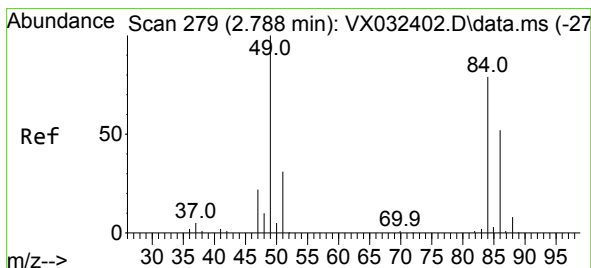
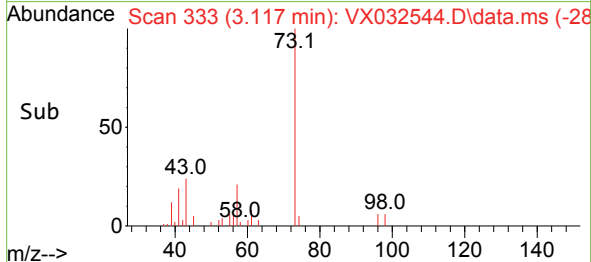
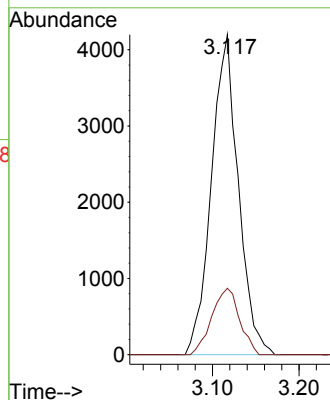
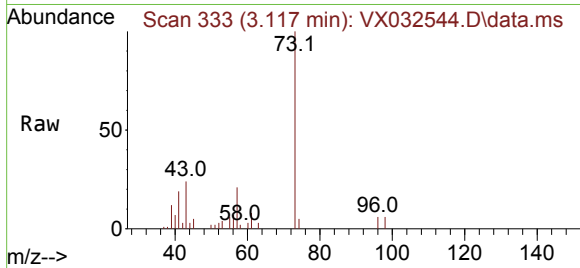
MDL-WATER-03-QT4-2022

Tgt Ion: 73 Resp: 9081

Ion Ratio Lower Upper

73 100

57 20.7 16.6 25.0



#20

Methylene Chloride

Concen: 3.052 ug/l

RT: 2.788 min Scan# 279

Delta R.T. -0.000 min

Lab File: VX032544.D

Acq: 02 Nov 2022 17:36

Tgt Ion: 84 Resp: 3581

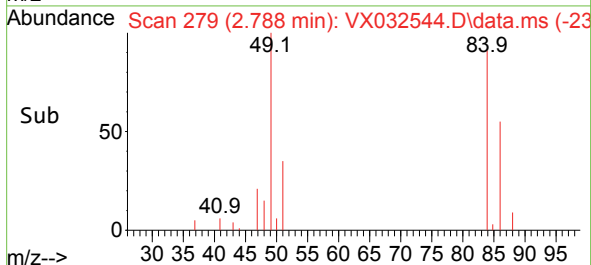
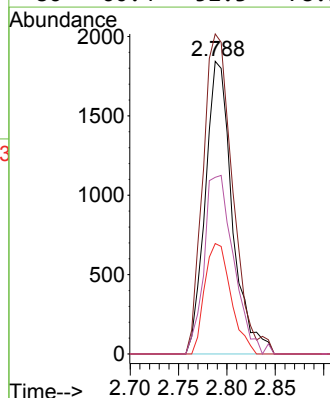
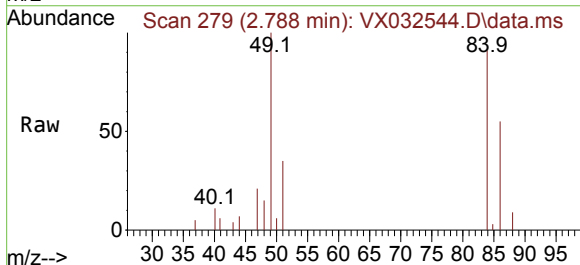
Ion Ratio Lower Upper

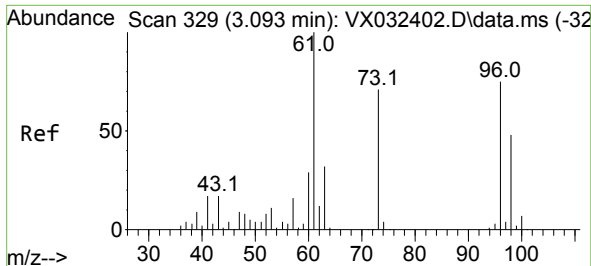
84 100

49 109.3 101.0 151.6

51 37.7 31.1 46.7

86 60.4 52.3 78.5

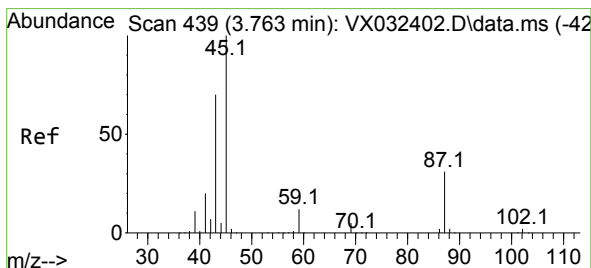
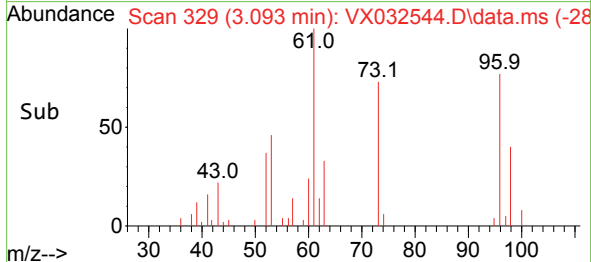
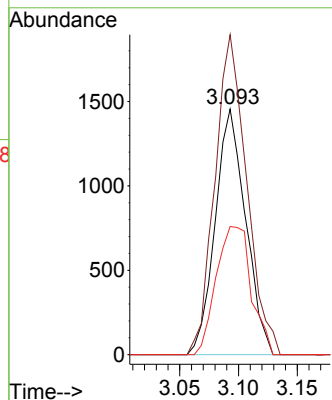
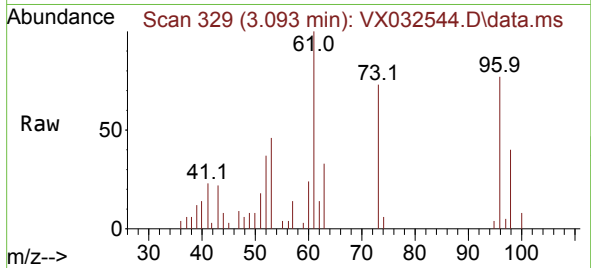




#21
trans-1,2-Dichloroethene
Concen: 2.368 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX032544.D
Acq: 02 Nov 2022 17:36

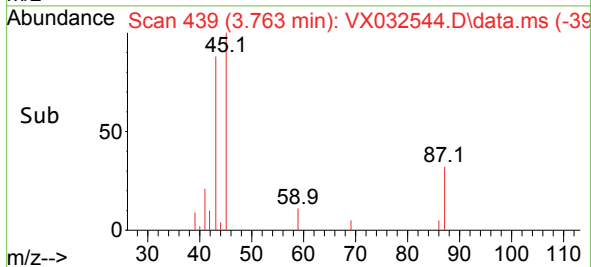
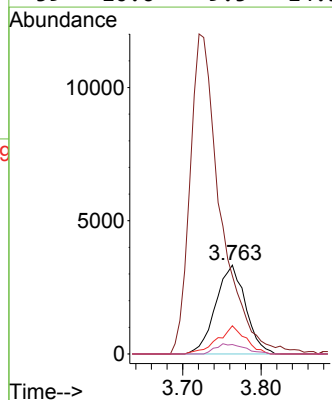
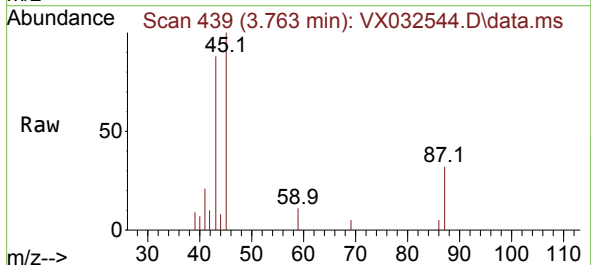
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2022

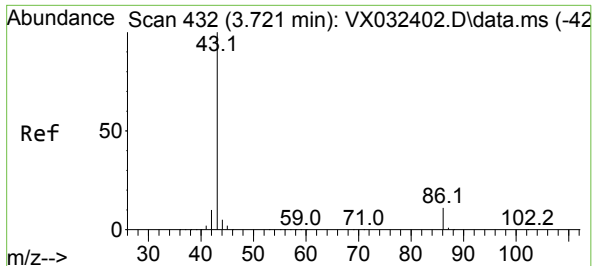
Tgt Ion: 96 Resp: 2619
Ion Ratio Lower Upper
96 100
61 130.3 106.6 160.0
98 52.2 51.0 76.6



#22
Diisopropyl ether
Concen: 2.515 ug/l
RT: 3.763 min Scan# 439
Delta R.T. -0.000 min
Lab File: VX032544.D
Acq: 02 Nov 2022 17:36

Tgt Ion: 45 Resp: 8814
Ion Ratio Lower Upper
45 100
43 79.2 56.4 84.6
87 31.8 24.4 36.6
59 10.6 9.5 14.3

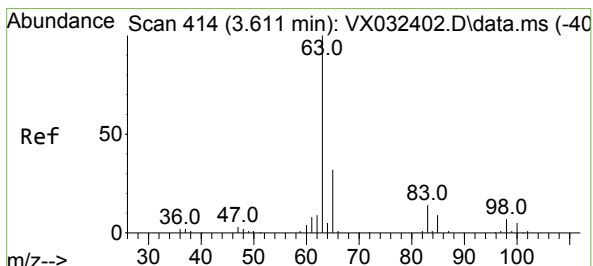
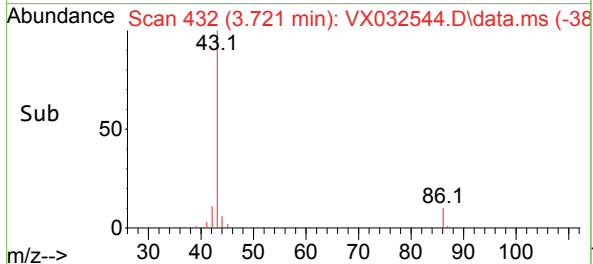
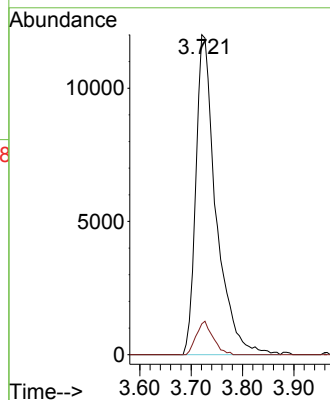
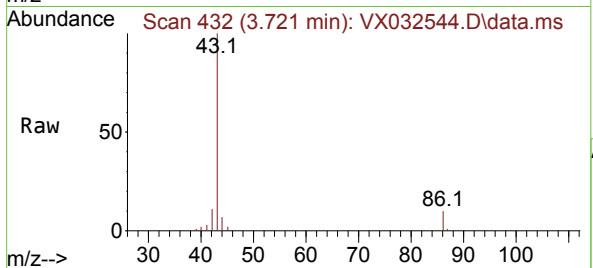




#23
 Vinyl Acetate
 Concen: 11.581 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX032544.D
 Acq: 02 Nov 2022 17:36

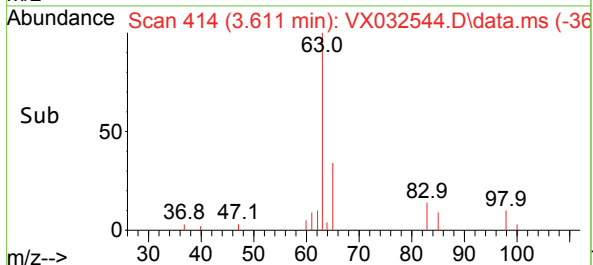
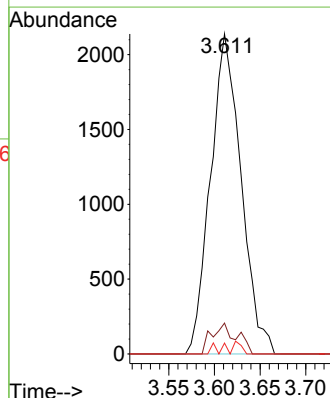
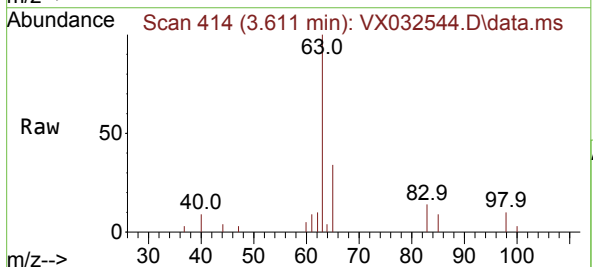
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT4-2022

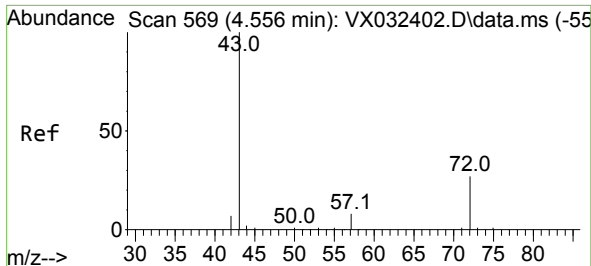
Tgt Ion: 43 Resp: 32784
 Ion Ratio Lower Upper
 43 100
 86 9.7 8.6 12.8



#24
 1,1-Dichloroethane
 Concen: 2.469 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. -0.000 min
 Lab File: VX032544.D
 Acq: 02 Nov 2022 17:36

Tgt Ion: 63 Resp: 4977
 Ion Ratio Lower Upper
 63 100
 98 9.6 3.5 10.4
 100 3.4 2.3 6.8

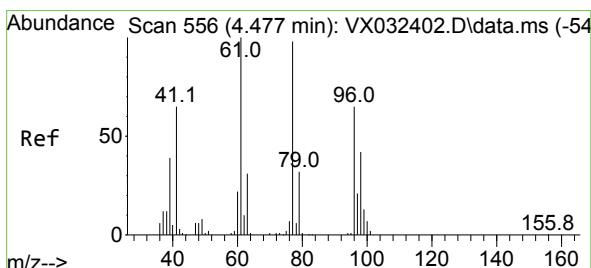
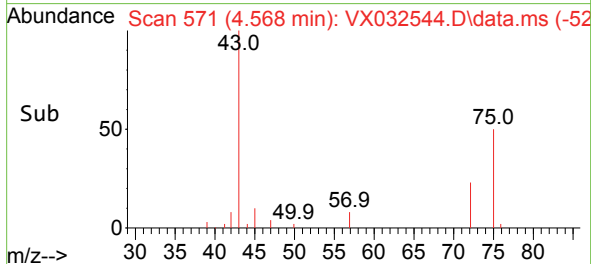
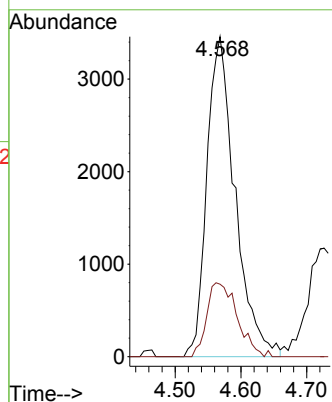
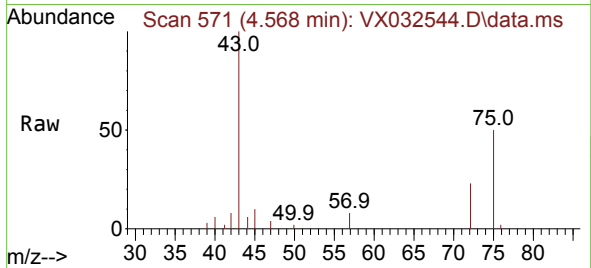




#25
2-Butanone
Concen: 13.003 ug/l
RT: 4.568 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX032544.D
Acq: 02 Nov 2022 17:36

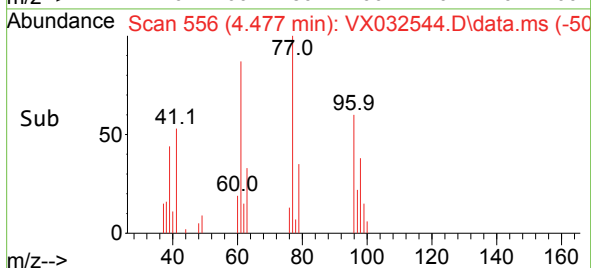
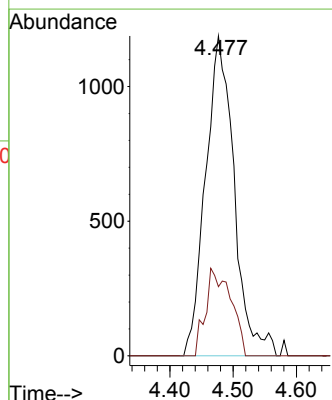
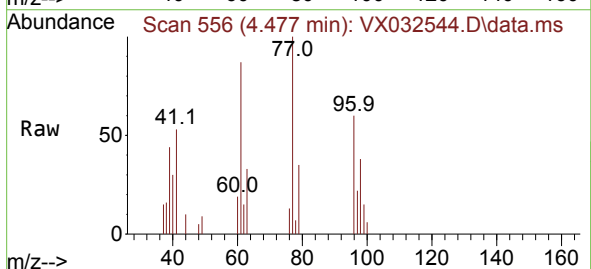
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2022

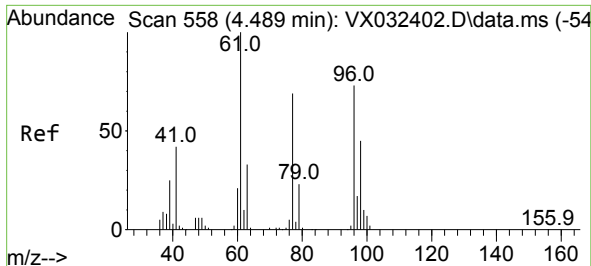
Tgt Ion: 43 Resp: 10309
Ion Ratio Lower Upper
43 100
72 22.7 22.2 33.2



#26
2,2-Dichloropropane
Concen: 2.325 ug/l
RT: 4.477 min Scan# 556
Delta R.T. -0.000 min
Lab File: VX032544.D
Acq: 02 Nov 2022 17:36

Tgt Ion: 77 Resp: 3725
Ion Ratio Lower Upper
77 100
97 24.3 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 2.503 ug/l

RT: 4.489 min Scan# 558

Delta R.T. -0.000 min

Lab File: VX032544.D

Acq: 02 Nov 2022 17:36

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT4-2022

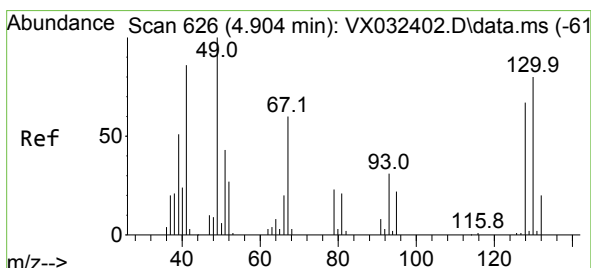
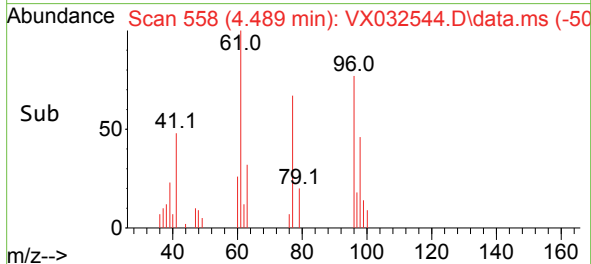
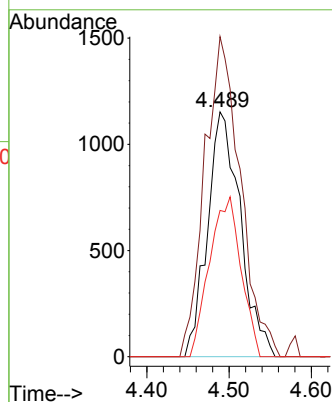
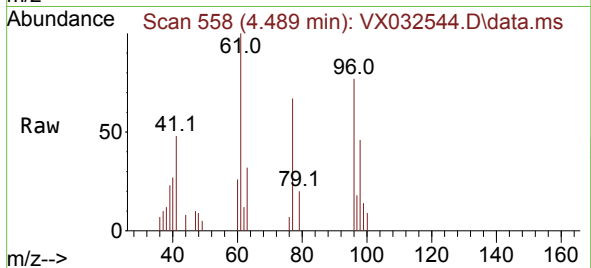
Tgt Ion: 96 Resp: 3200

Ion Ratio Lower Upper

96 100

61 141.8 0.0 286.0

98 62.5 0.0 129.6



#28

Bromochloromethane

Concen: 3.002 ug/l

RT: 4.903 min Scan# 626

Delta R.T. -0.000 min

Lab File: VX032544.D

Acq: 02 Nov 2022 17:36

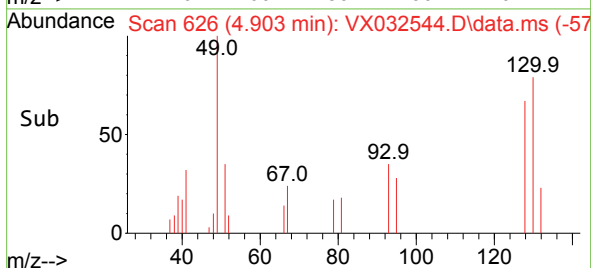
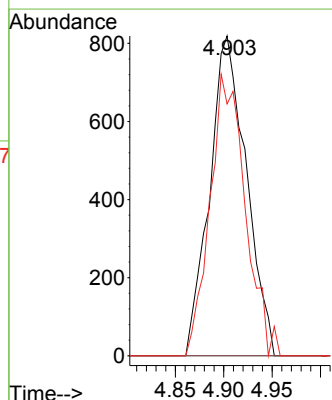
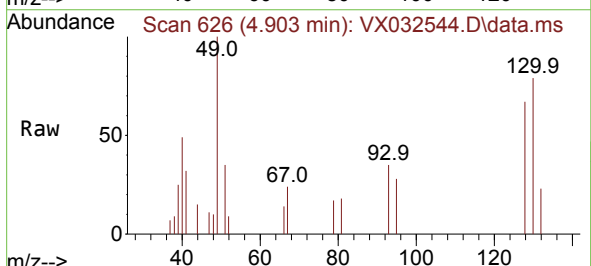
Tgt Ion: 49 Resp: 2155

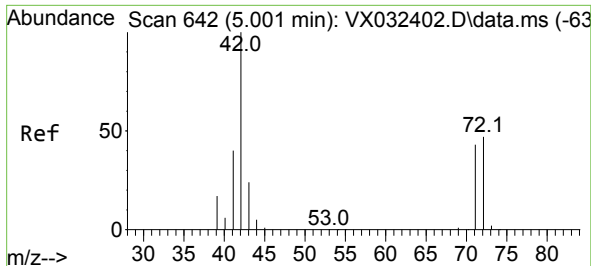
Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.8

130 84.5 67.5 101.3





#29

Tetrahydrofuran

Concen: 12.207 ug/l

RT: 5.019 min Scan# 64

Delta R.T. 0.018 min

Lab File: VX032544.D

Acq: 02 Nov 2022 17:36

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT4-2022

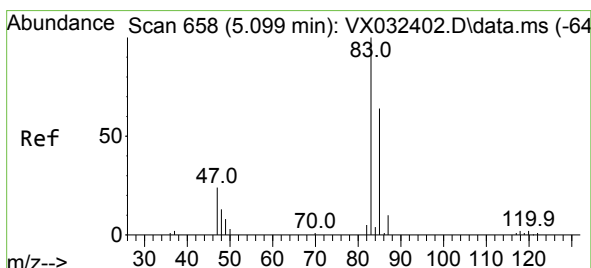
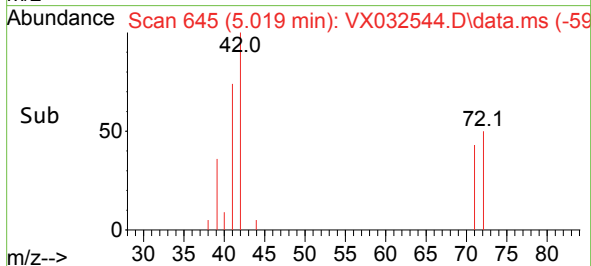
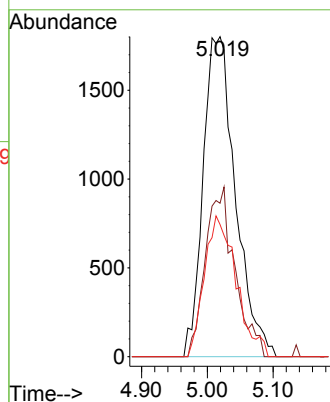
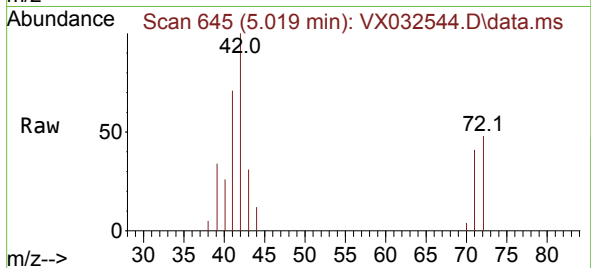
Tgt Ion: 42 Resp: 6171

Ion Ratio Lower Upper

42 100

72 48.1 37.6 56.4

71 43.3 34.7 52.1



#30

Chloroform

Concen: 2.554 ug/l

RT: 5.092 min Scan# 657

Delta R.T. -0.006 min

Lab File: VX032544.D

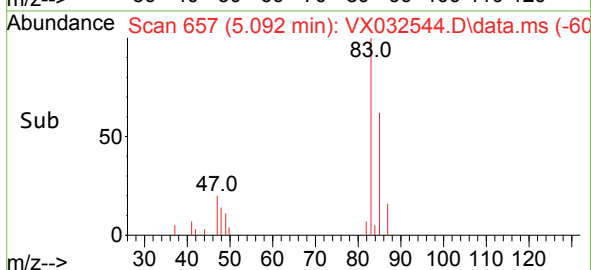
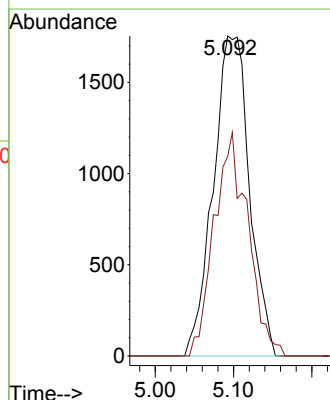
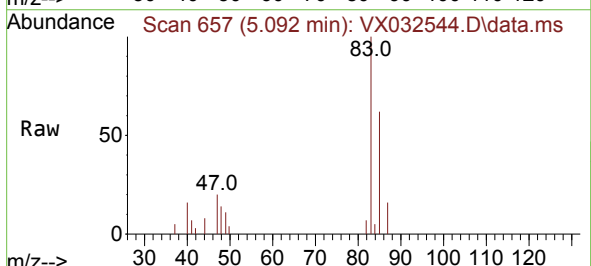
Acq: 02 Nov 2022 17:36

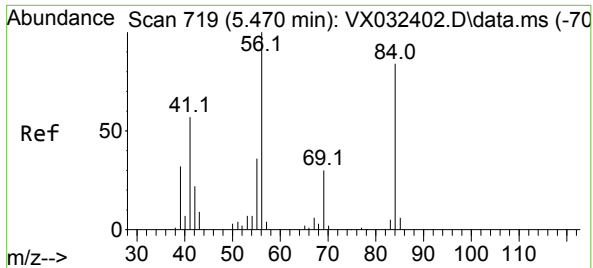
Tgt Ion: 83 Resp: 5649

Ion Ratio Lower Upper

83 100

85 62.4 51.1 76.7

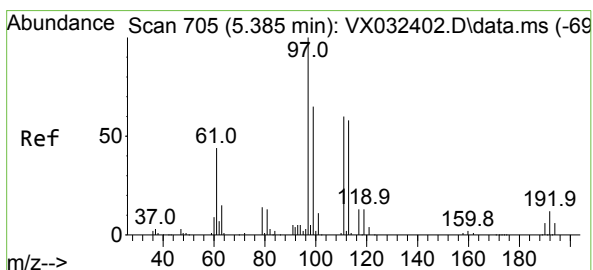
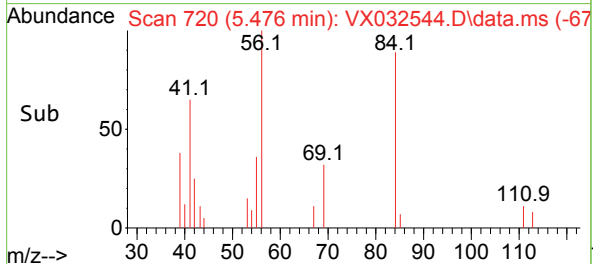
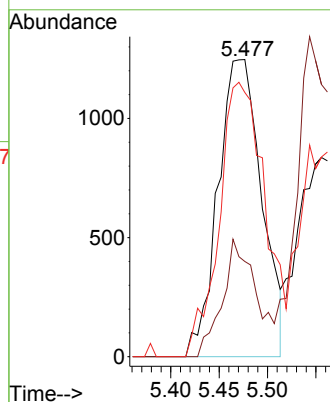
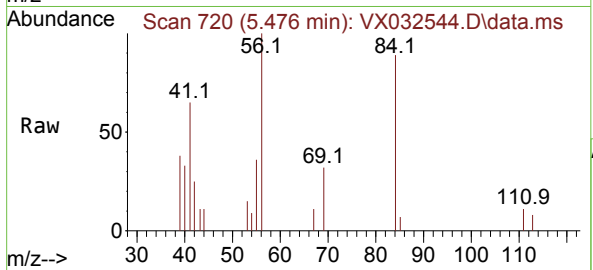




#31
Cyclohexane
Concen: 2.288 ug/l
RT: 5.476 min Scan# 719
Delta R.T. 0.006 min
Lab File: VX032544.D
Acq: 02 Nov 2022 17:36

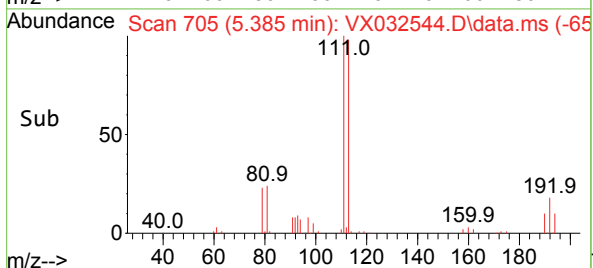
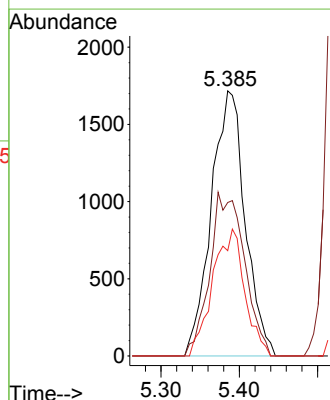
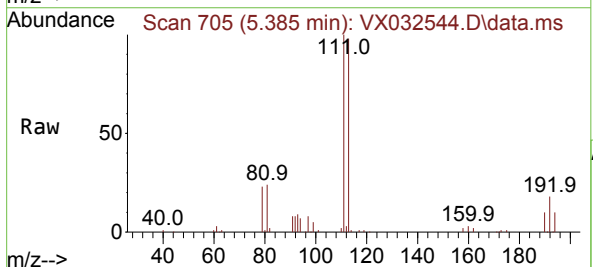
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2022

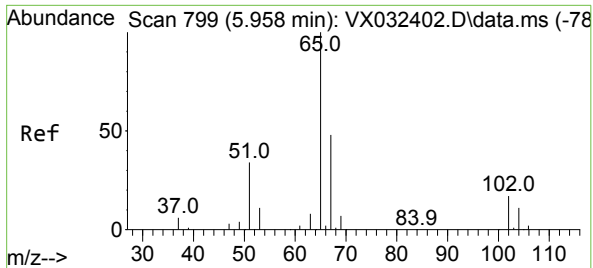
Tgt Ion:	56	Resp:	3906
Ion	Ratio	Lower	Upper
56	100		
69	32.1	24.1	36.1
84	88.9	66.9	100.3



#32
1,1,1-Trichloroethane
Concen: 2.602 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX032544.D
Acq: 02 Nov 2022 17:36

Tgt Ion:	97	Resp:	5163
Ion	Ratio	Lower	Upper
97	100		
99	63.1	51.4	77.0
61	45.2	35.2	52.8





#33

1,2-Dichloroethane-d4

Concen: 50.983 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX032544.D

Acq: 02 Nov 2022 17:36

Instrument :

MSVOA_X

ClientSampleId :

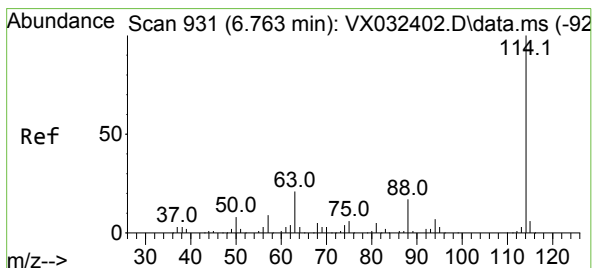
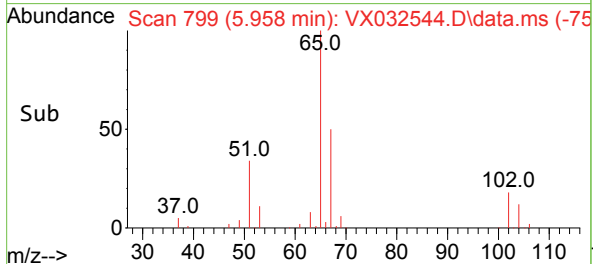
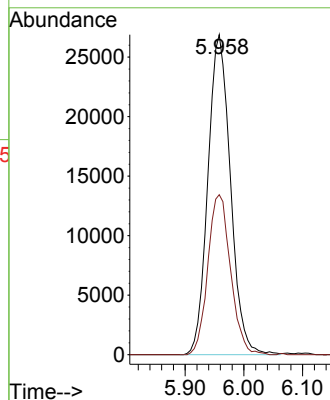
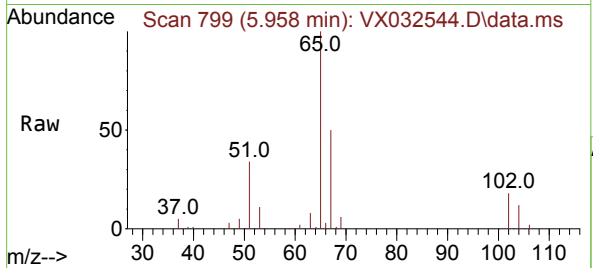
MDL-WATER-03-QT4-2022

Tgt Ion: 65 Resp: 71783

Ion Ratio Lower Upper

65 100

67 50.3 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX032544.D

Acq: 02 Nov 2022 17:36

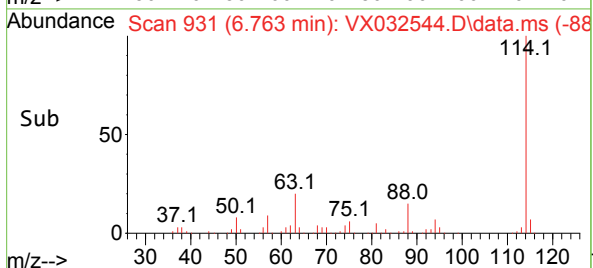
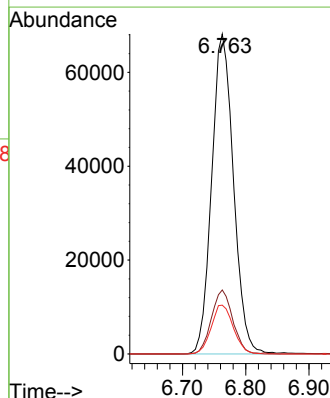
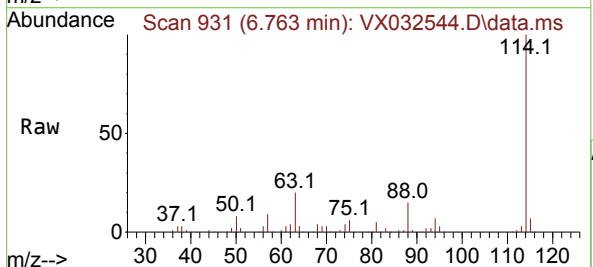
Tgt Ion: 114 Resp: 163155

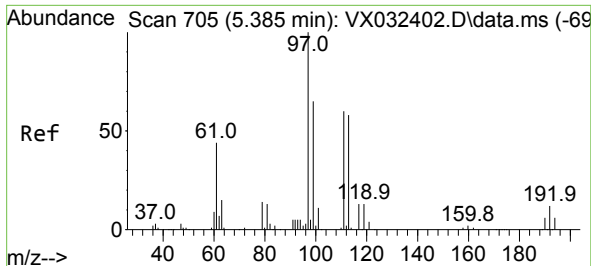
Ion Ratio Lower Upper

114 100

63 20.0 0.0 41.6

88 15.2 0.0 33.4

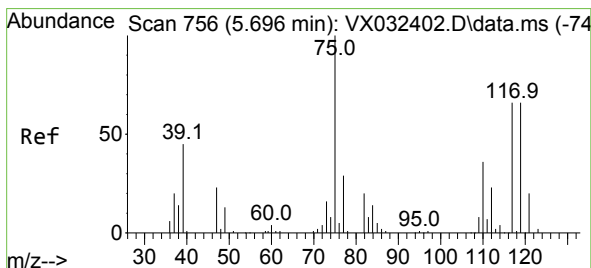
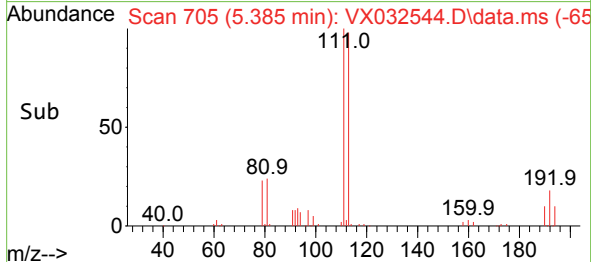
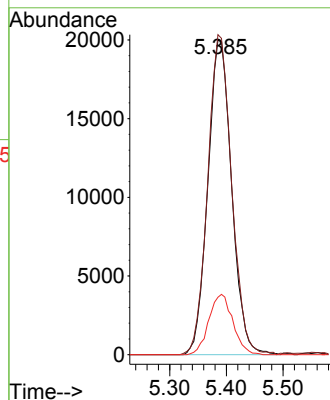
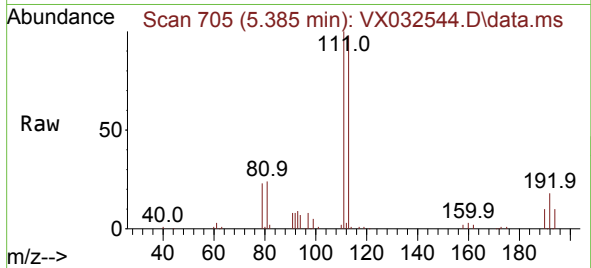




#35
Dibromofluoromethane
Concen: 50.053 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX032544.D
Acq: 02 Nov 2022 17:36

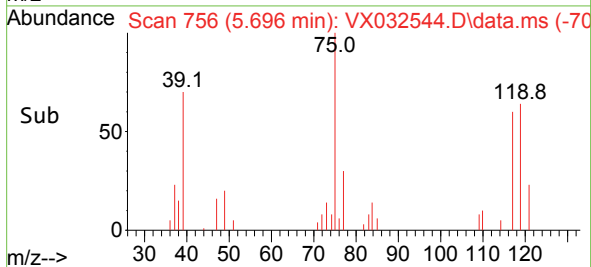
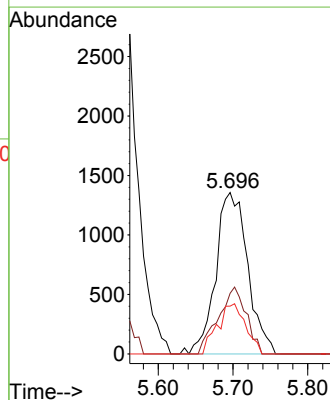
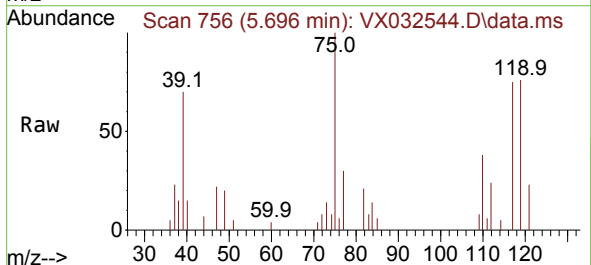
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2022

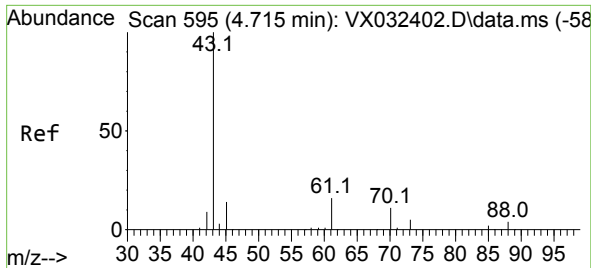
Tgt Ion:113 Resp: 58252
Ion Ratio Lower Upper
113 100
111 102.3 82.4 123.6
192 19.4 15.4 23.2



#36
1,1-Dichloropropene
Concen: 2.489 ug/l
RT: 5.696 min Scan# 756
Delta R.T. -0.000 min
Lab File: VX032544.D
Acq: 02 Nov 2022 17:36

Tgt Ion: 75 Resp: 4034
Ion Ratio Lower Upper
75 100
110 36.4 18.4 55.2
77 27.4 24.5 36.7





#37

Ethyl Acetate

Concen: 2.356 ug/l

RT: 4.727 min Scan# 597

Delta R.T. 0.012 min

Lab File: VX032544.D

Acq: 02 Nov 2022 17:36

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT4-2022

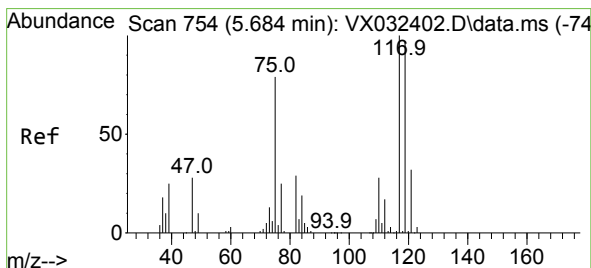
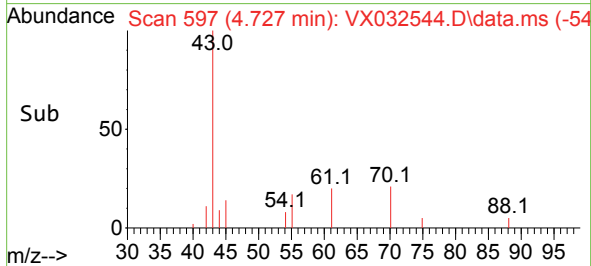
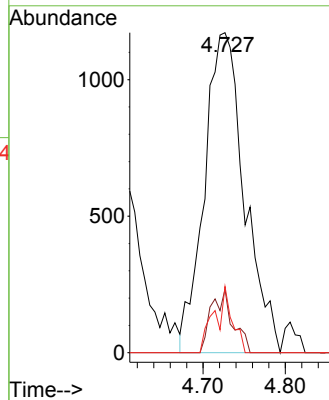
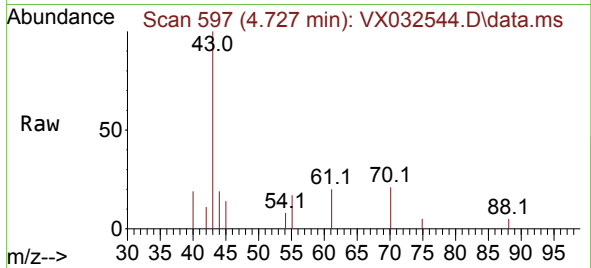
Tgt Ion: 43 Resp: 3975

Ion Ratio Lower Upper

43 100

61 10.6 11.5 17.3#

70 9.2 9.1 13.7



#38

Carbon Tetrachloride

Concen: 2.488 ug/l

RT: 5.684 min Scan# 754

Delta R.T. -0.000 min

Lab File: VX032544.D

Acq: 02 Nov 2022 17:36

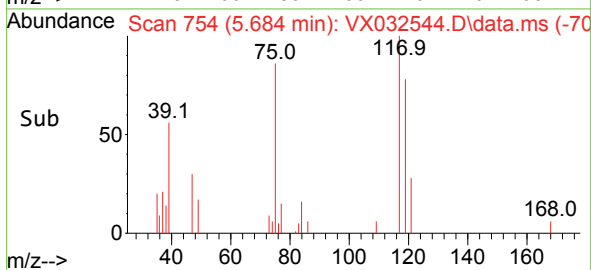
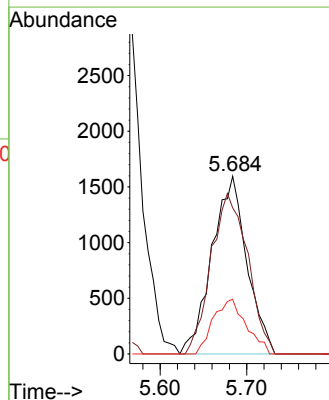
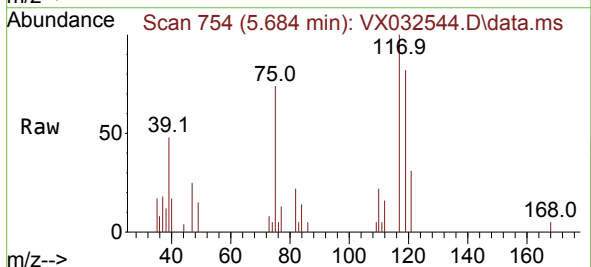
Tgt Ion: 117 Resp: 4472

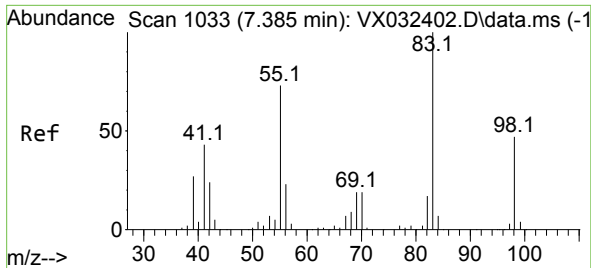
Ion Ratio Lower Upper

117 100

119 82.2 77.2 115.8

121 30.8 25.8 38.6

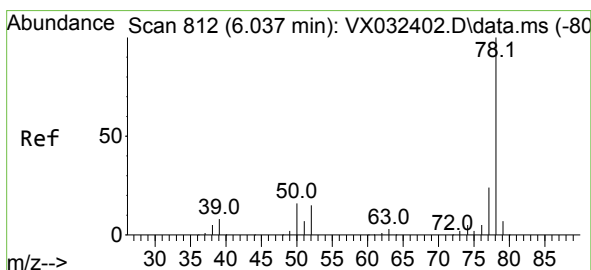
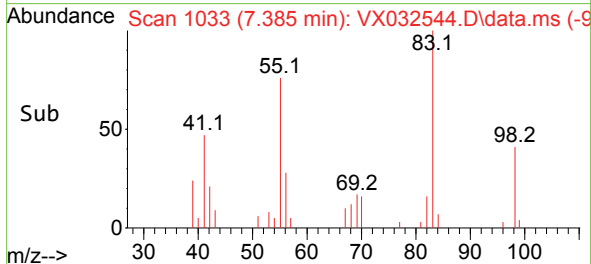
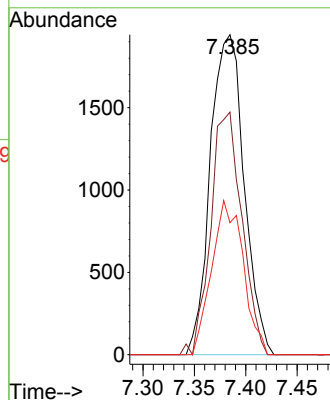
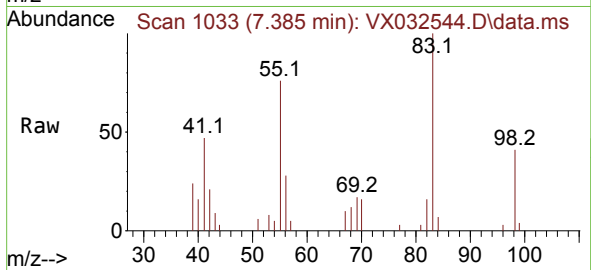




#39
Methylcyclohexane
Concen: 2.317 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VX032544.D
Acq: 02 Nov 2022 17:36

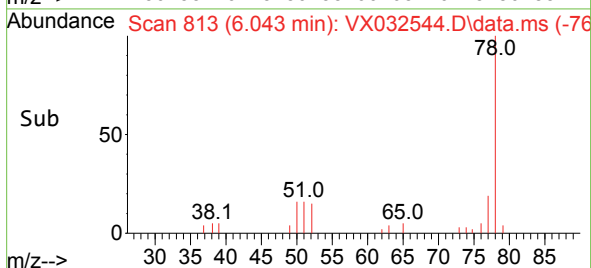
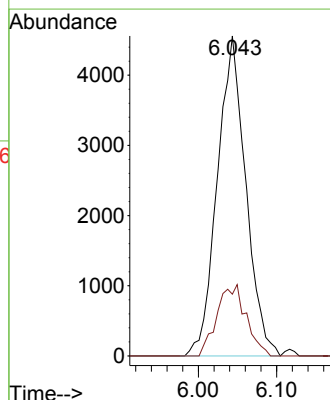
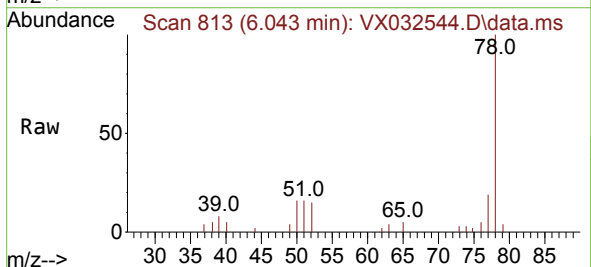
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2022

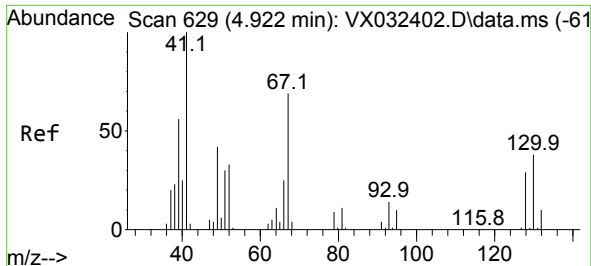
Tgt Ion: 83 Resp: 4443
Ion Ratio Lower Upper
83 100
55 75.8 58.4 87.6
98 41.3 37.2 55.8



#40
Benzene
Concen: 2.512 ug/l
RT: 6.043 min Scan# 813
Delta R.T. 0.006 min
Lab File: VX032544.D
Acq: 02 Nov 2022 17:36

Tgt Ion: 78 Resp: 11521
Ion Ratio Lower Upper
78 100
77 19.3 19.0 28.4

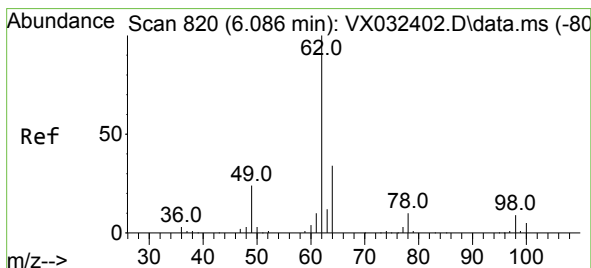
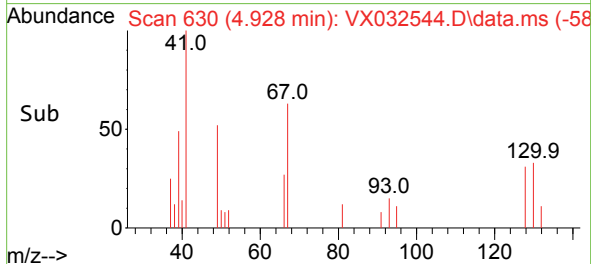
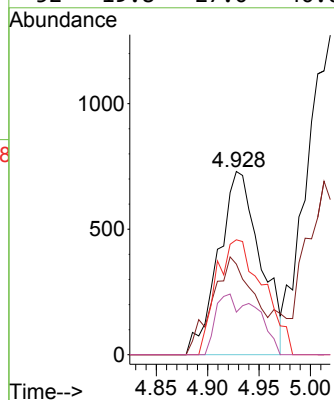
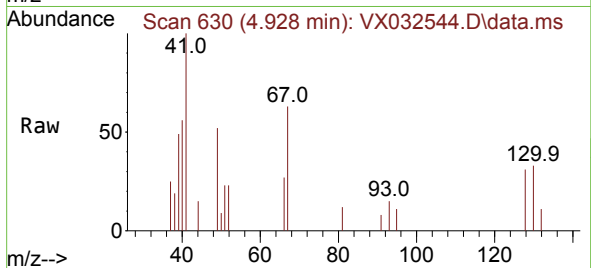




#41
Methacrylonitrile
Concen: 2.401 ug/l
RT: 4.928 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX032544.D
Acq: 02 Nov 2022 17:36

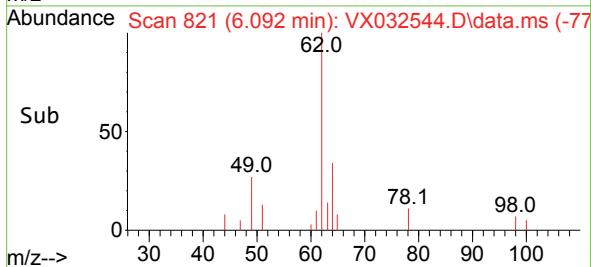
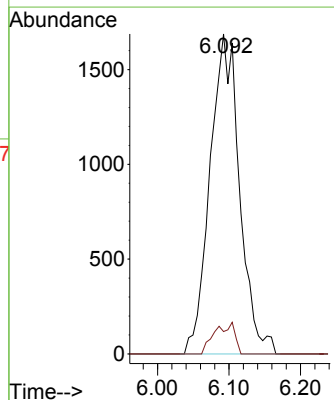
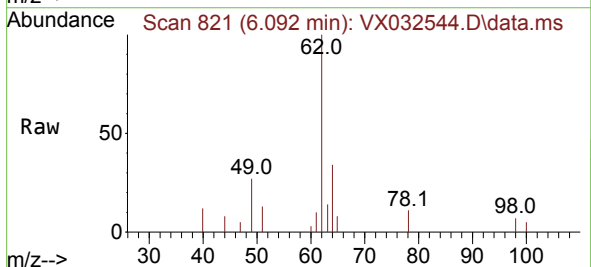
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2022

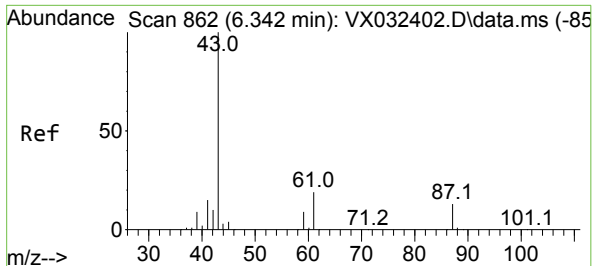
Tgt Ion: 41	Resp: 2063
Ion Ratio	Lower Upper
41 100	
39 53.1	47.5 71.3
67 70.2	60.5 90.7
52 19.8	27.0 40.6#



#42
1,2-Dichloroethane
Concen: 2.585 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.006 min
Lab File: VX032544.D
Acq: 02 Nov 2022 17:36

Tgt Ion: 62	Resp:	4847	
Ion	Ratio	Lower	Upper
62	100		
98	3.9	0.0	16.0

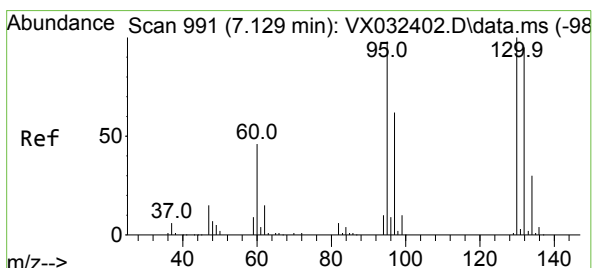
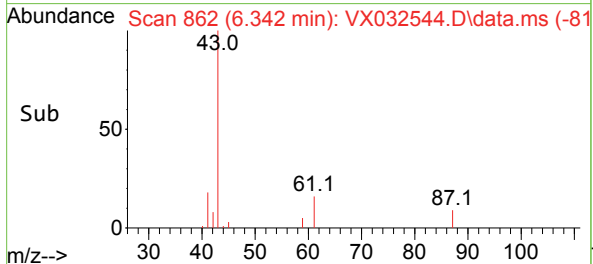
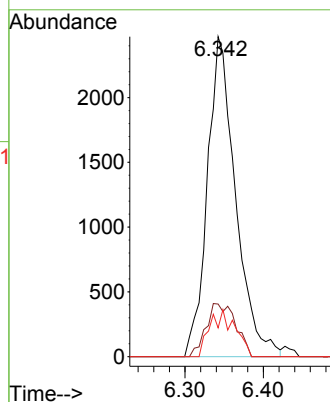
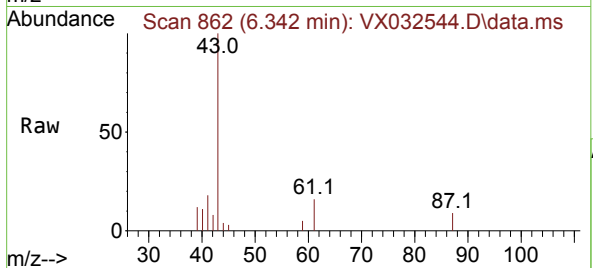




#43
Isopropyl Acetate
Concen: 2.388 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.000 min
Lab File: VX032544.D
Acq: 02 Nov 2022 17:36

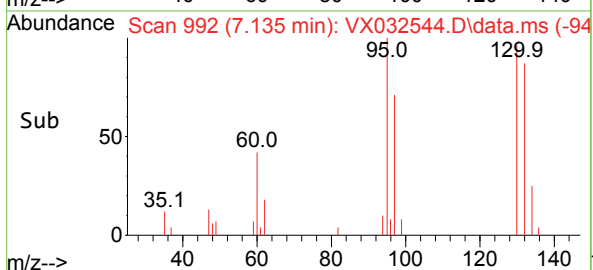
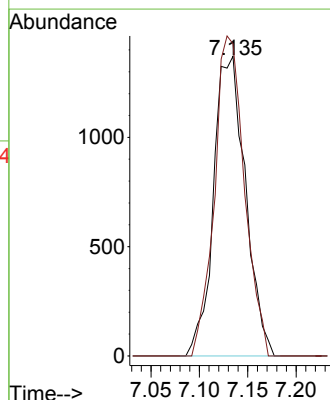
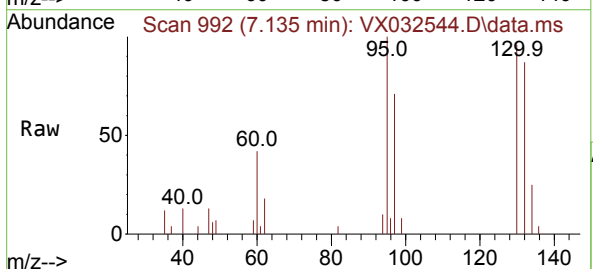
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT4-2022

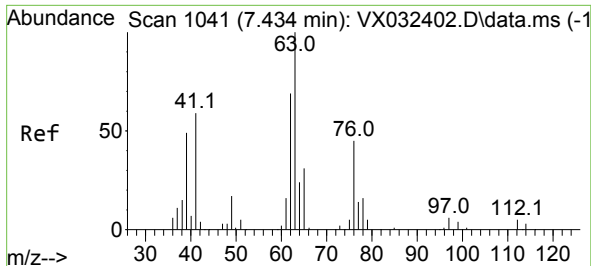
Tgt Ion: 43 Resp: 6186
Ion Ratio Lower Upper
43 100
61 17.5 15.4 23.0
87 5.4 10.8 16.2#



#44
Trichloroethene
Concen: 2.435 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX032544.D
Acq: 02 Nov 2022 17:36

Tgt Ion:130 Resp: 3144
Ion Ratio Lower Upper
130 100
95 104.2 0.0 195.2

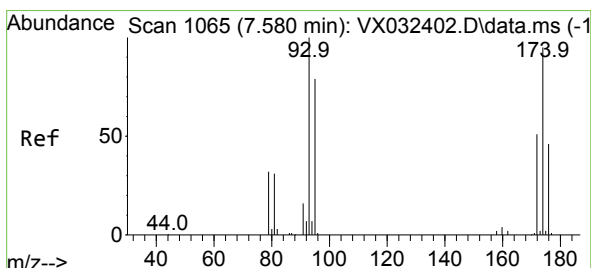
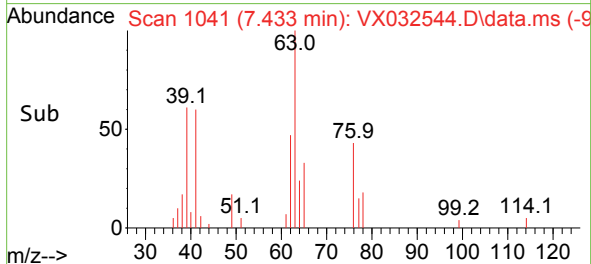
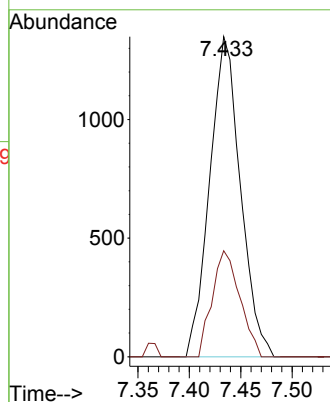
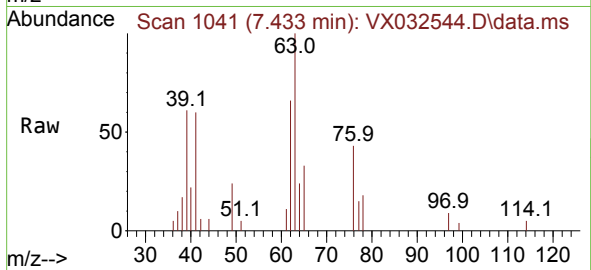




#45
1,2-Dichloropropane
Concen: 2.383 ug/l
RT: 7.433 min Scan# 1041
Delta R.T. -0.000 min
Lab File: VX032544.D
Acq: 02 Nov 2022 17:36

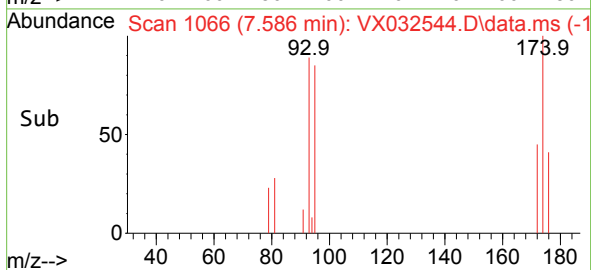
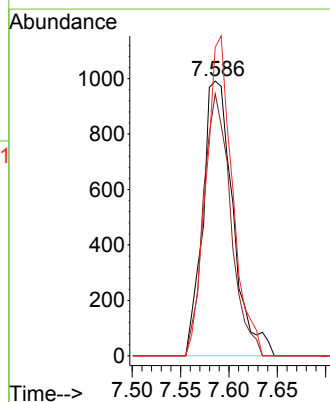
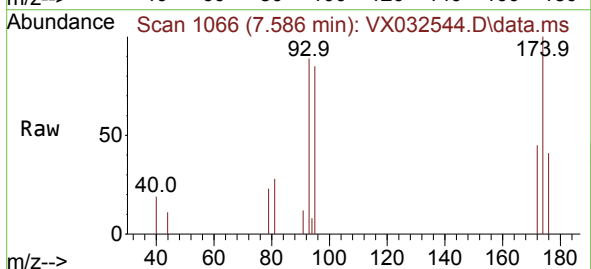
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT4-2022

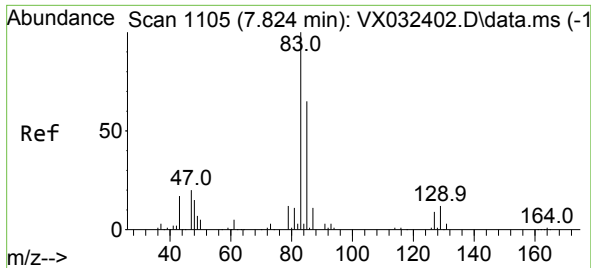
Tgt Ion: 63 Resp: 2805
Ion Ratio Lower Upper
63 100
65 33.1 24.6 36.8



#46
Dibromomethane
Concen: 2.375 ug/l
RT: 7.586 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VX032544.D
Acq: 02 Nov 2022 17:36

Tgt Ion: 93 Resp: 2144
Ion Ratio Lower Upper
93 100
95 86.5 65.8 98.8
174 102.2 79.8 119.6

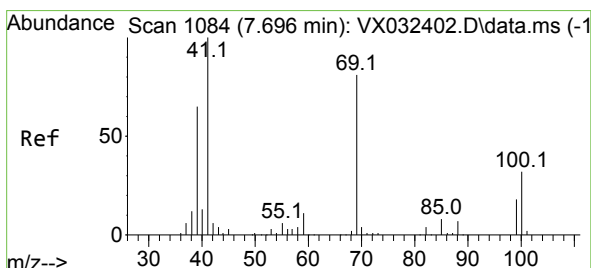
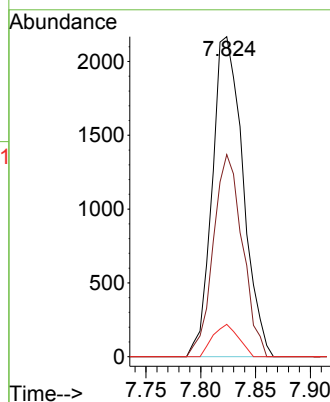
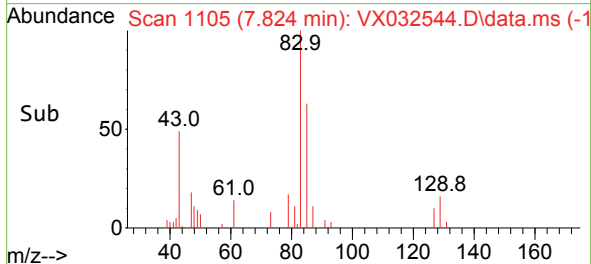
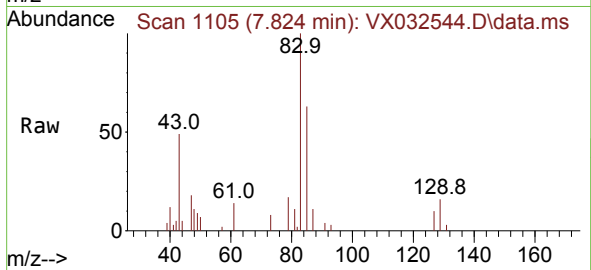




#47
Bromodichloromethane
Concen: 2.469 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX032544.D
Acq: 02 Nov 2022 17:36

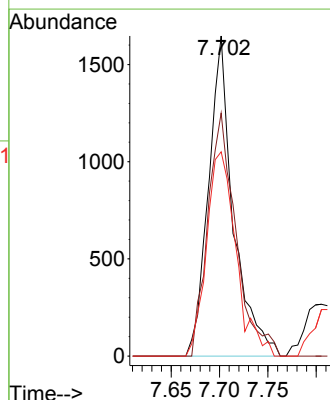
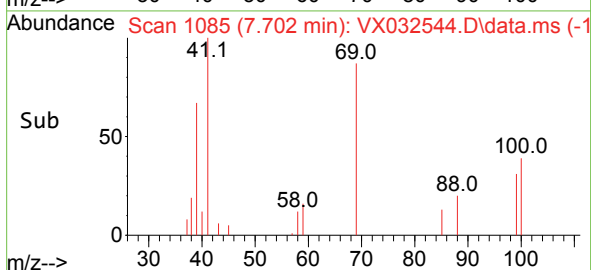
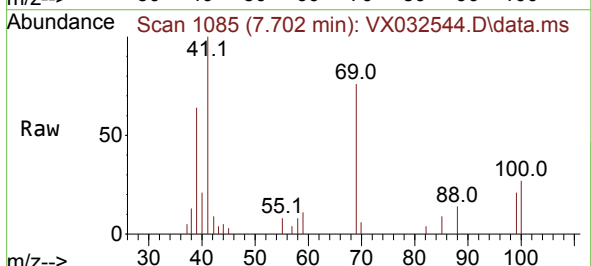
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT4-2022

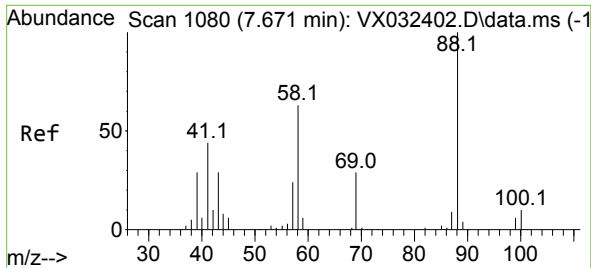
Tgt Ion: 83	Resp: 4225		
Ion Ratio	Lower	Upper	
83	100		
85	63.1	52.2	78.4
127	10.1	7.4	11.2



#48
Methyl methacrylate
Concen: 2.199 ug/l
RT: 7.702 min Scan# 1085
Delta R.T. 0.006 min
Lab File: VX032544.D
Acq: 02 Nov 2022 17:36

Tgt Ion: 41	Resp: 2941
Ion Ratio	Lower Upper
41 100	
69 86.3	65.1 97.7
39 75.8	51.9 77.9

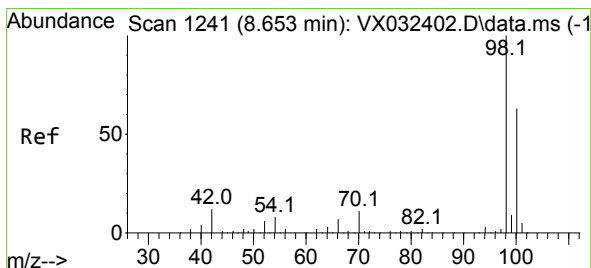
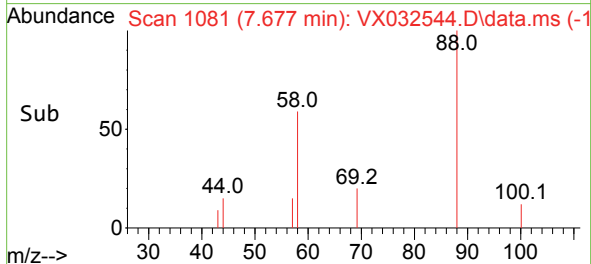
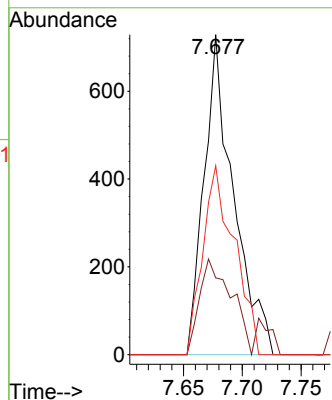
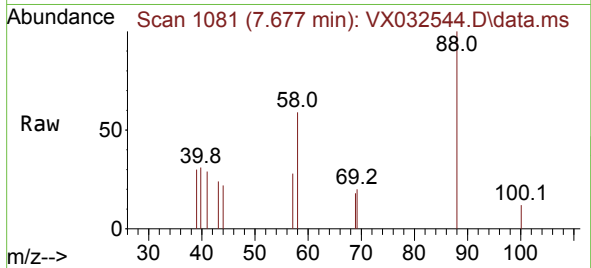




#49
1,4-Dioxane
Concen: 49.895 ug/l
RT: 7.677 min Scan# 1080
Delta R.T. 0.006 min
Lab File: VX032544.D
Acq: 02 Nov 2022 17:36

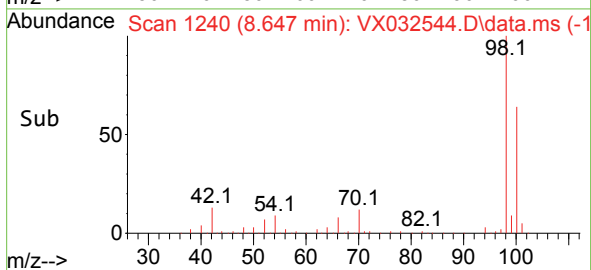
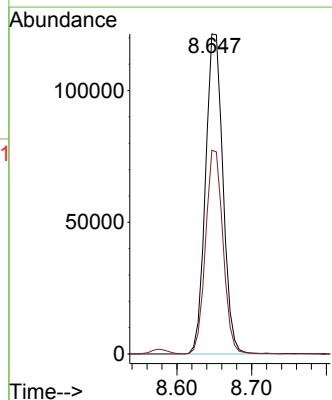
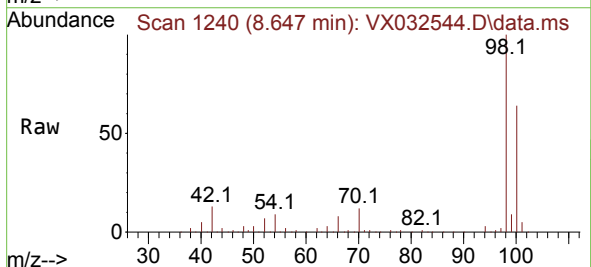
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2022

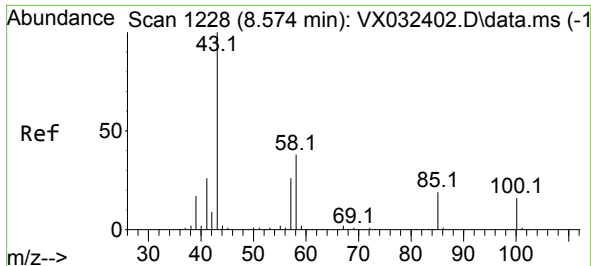
Tgt Ion:	88	Resp:	1272
Ion	Ratio	Lower	Upper
88	100		
43	32.3	26.6	39.8
58	63.0	51.7	77.5



#50
Toluene-d8
Concen: 48.573 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX032544.D
Acq: 02 Nov 2022 17:36

Tgt Ion:	98	Resp:	196567
Ion	Ratio	Lower	Upper
98	100		
100	63.6	50.9	76.3





#51

4-Methyl-2-Pentanone

Concen: 11.933 ug/l

RT: 8.573 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VX032544.D

Acq: 02 Nov 2022 17:36

Instrument :

MSVOA_X

ClientSampleId :

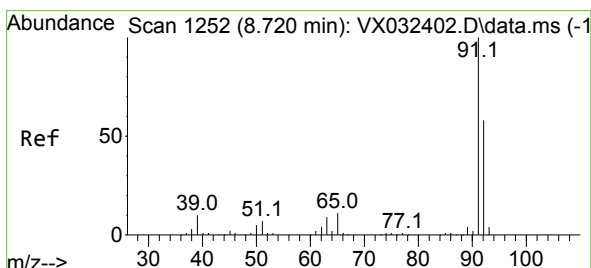
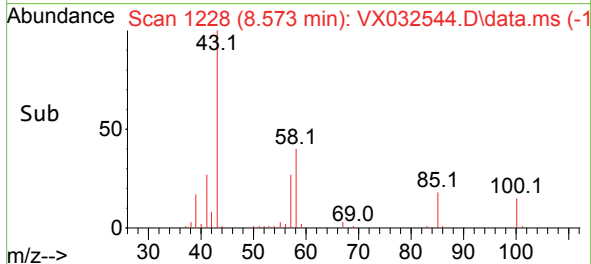
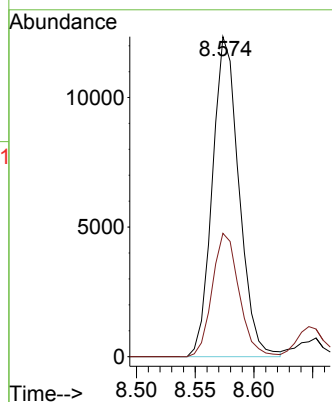
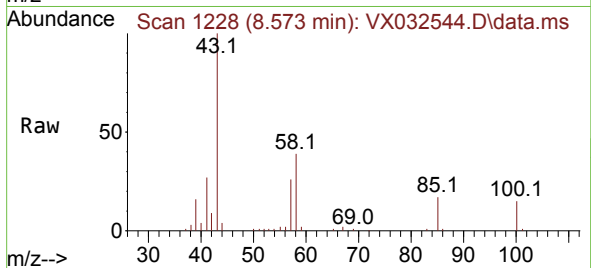
MDL-WATER-03-QT4-2022

Tgt Ion: 43 Resp: 19469

Ion Ratio Lower Upper

43 100

58 39.0 30.9 46.3



#52

Toluene

Concen: 2.432 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX032544.D

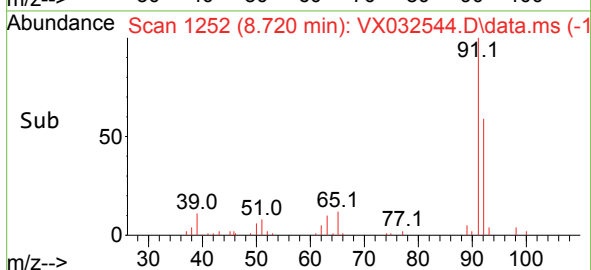
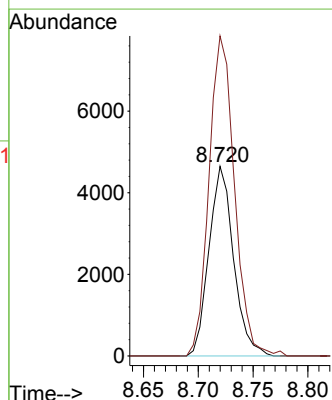
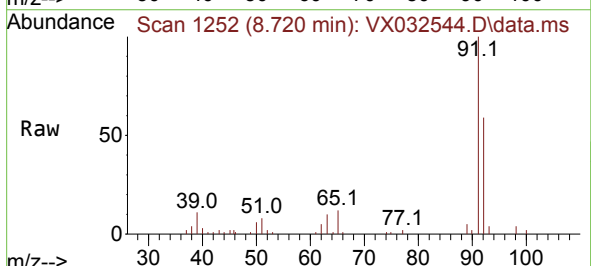
Acq: 02 Nov 2022 17:36

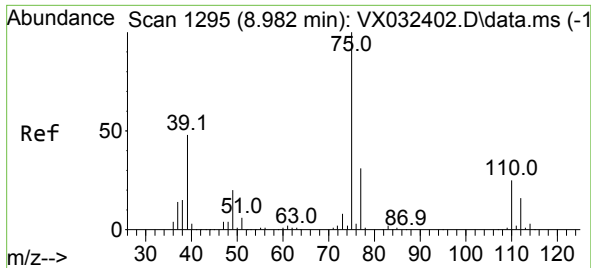
Tgt Ion: 92 Resp: 7278

Ion Ratio Lower Upper

92 100

91 174.3 138.3 207.5

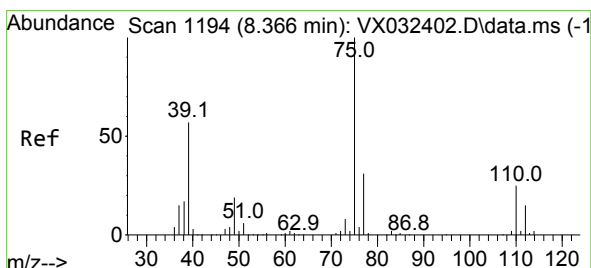
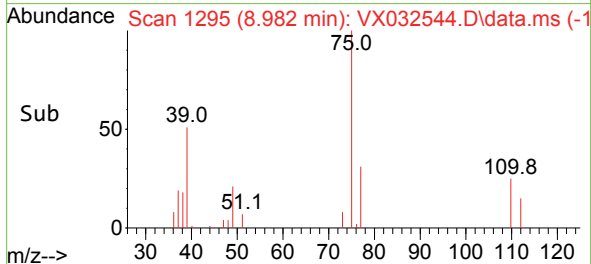
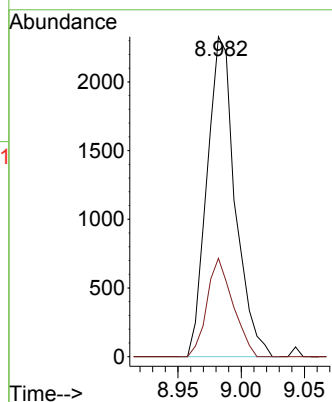
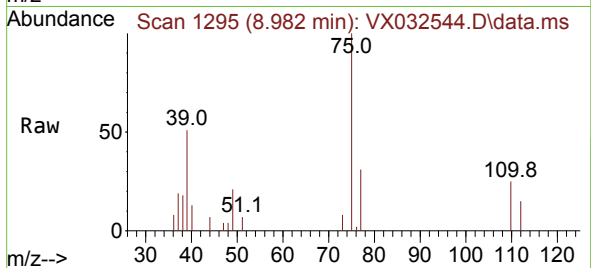




#53
 t-1,3-Dichloropropene
 Concen: 2.067 ug/l
 RT: 8.982 min Scan# 1195
 Delta R.T. -0.000 min
 Lab File: VX032544.D
 Acq: 02 Nov 2022 17:36

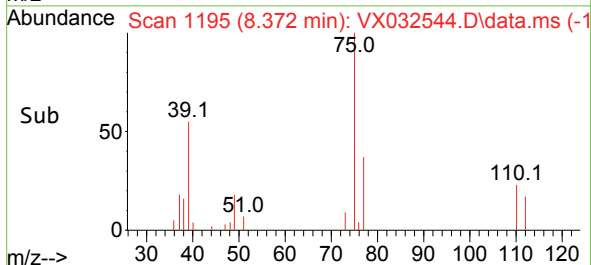
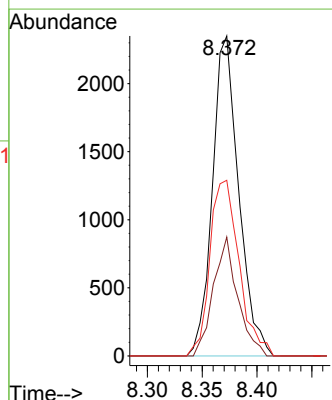
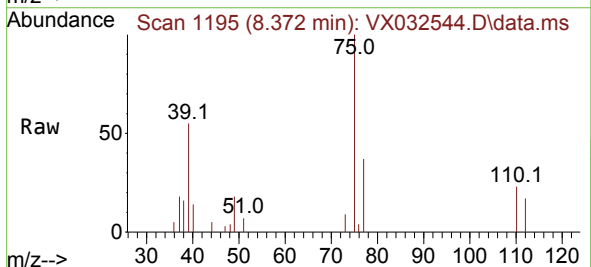
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT4-2022

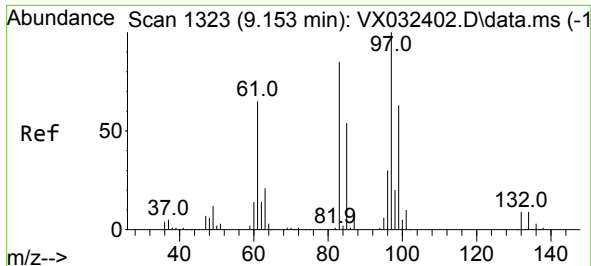
Tgt Ion: 75 Resp: 3608
 Ion Ratio Lower Upper
 75 100
 77 30.7 25.1 37.7



#54
 cis-1,3-Dichloropropene
 Concen: 2.097 ug/l
 RT: 8.372 min Scan# 1195
 Delta R.T. 0.006 min
 Lab File: VX032544.D
 Acq: 02 Nov 2022 17:36

Tgt Ion: 75 Resp: 3916
 Ion Ratio Lower Upper
 75 100
 77 37.1 25.1 37.7
 39 54.9 45.5 68.3

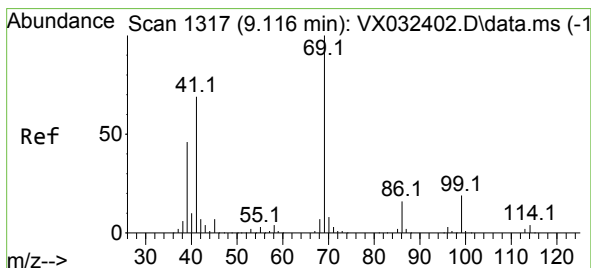
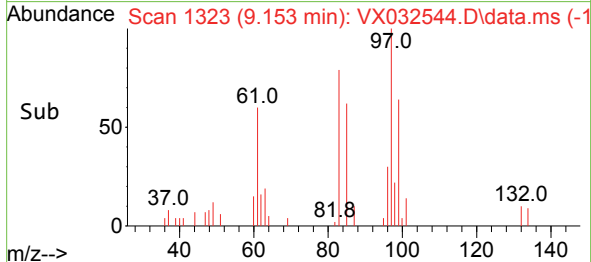
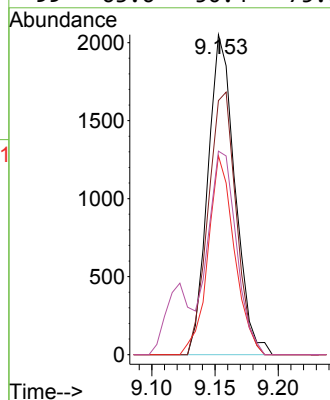
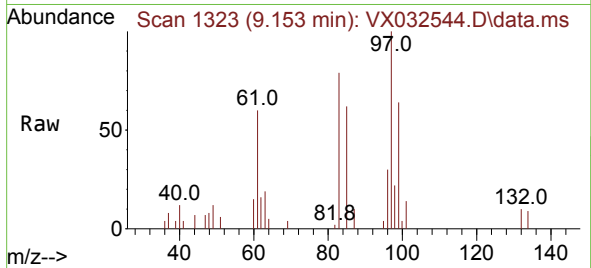




#55
1,1,2-Trichloroethane
Concen: 2.428 ug/l
RT: 9.153 min Scan# 1318
Delta R.T. -0.000 min
Lab File: VX032544.D
Acq: 02 Nov 2022 17:36

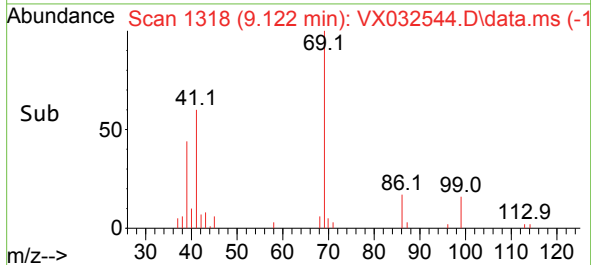
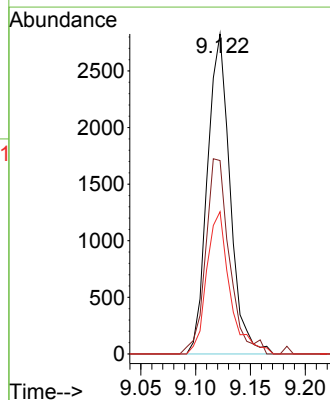
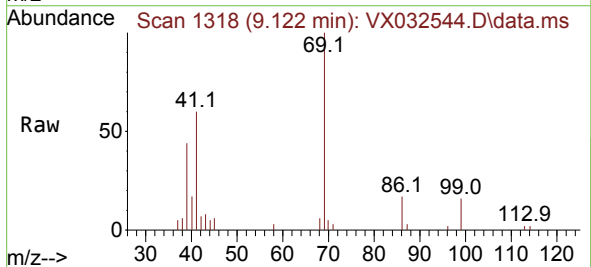
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT4-2022

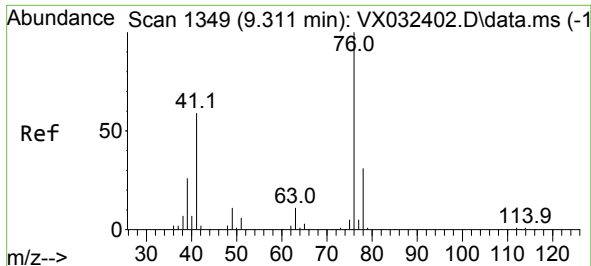
Tgt Ion: 97	Resp: 3060
Ion Ratio	Lower Upper
97 100	
83 79.4	68.1 102.1
85 62.2	43.3 64.9
99 63.6	50.4 75.6



#56
Ethyl methacrylate
Concen: 2.239 ug/l
RT: 9.122 min Scan# 1318
Delta R.T. 0.006 min
Lab File: VX032544.D
Acq: 02 Nov 2022 17:36

Tgt Ion: 69	Resp: 4061
Ion Ratio	Lower Upper
69 100	
41 64.2	54.3 81.5
39 45.5	35.2 52.8





#57

1,3-Dichloropropane

Concen: 2.482 ug/l

RT: 9.311 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX032544.D

Acq: 02 Nov 2022 17:36

Instrument :

MSVOA_X

ClientSampleId :

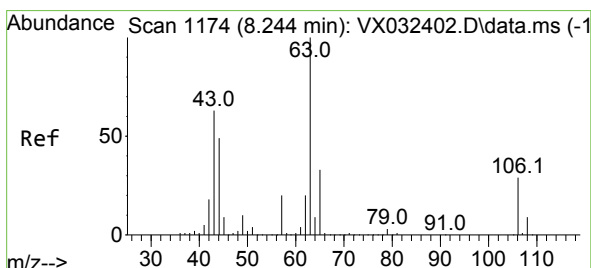
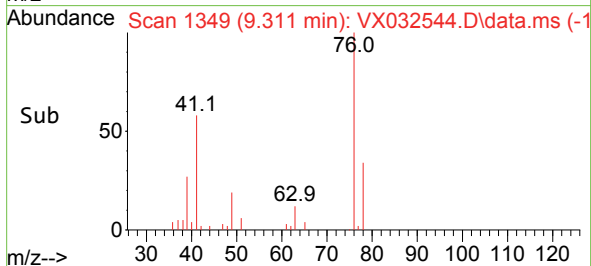
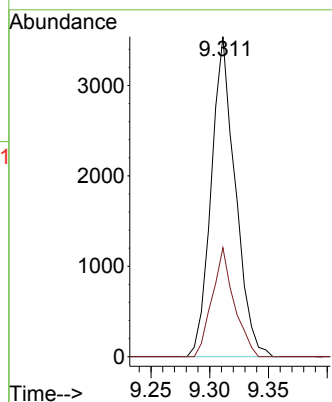
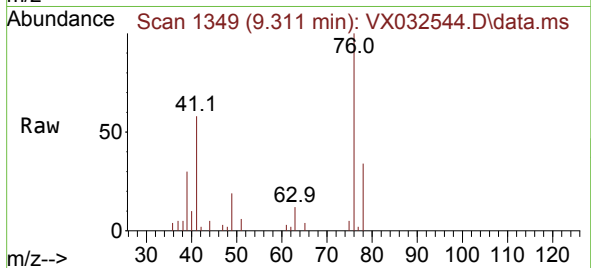
MDL-WATER-03-QT4-2022

Tgt Ion: 76 Resp: 5050

Ion Ratio Lower Upper

76 100

78 31.1 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 11.810 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. -0.000 min

Lab File: VX032544.D

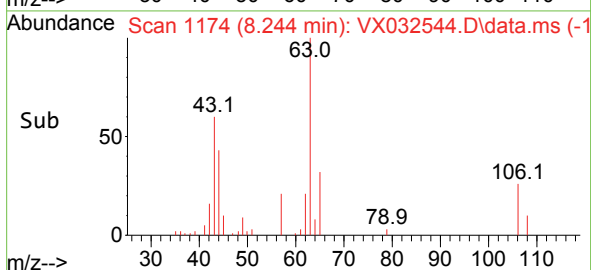
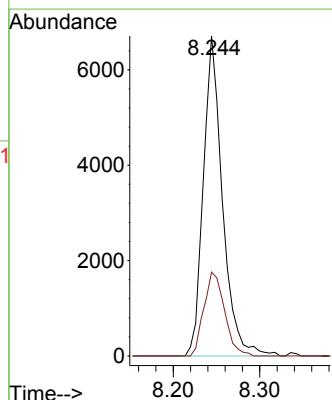
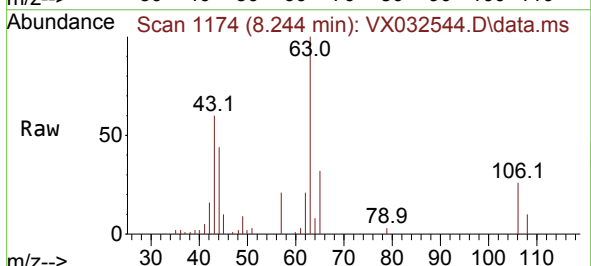
Acq: 02 Nov 2022 17:36

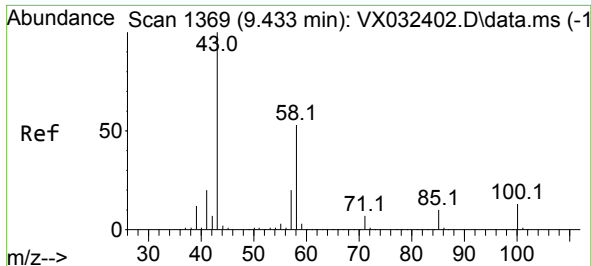
Tgt Ion: 63 Resp: 10312

Ion Ratio Lower Upper

63 100

106 28.3 23.3 34.9

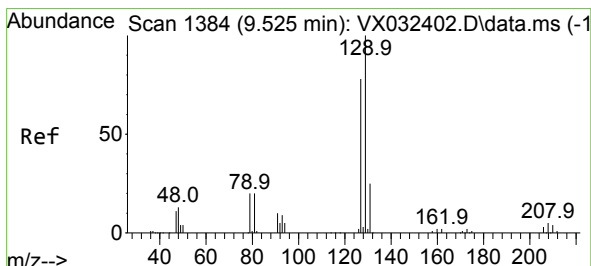
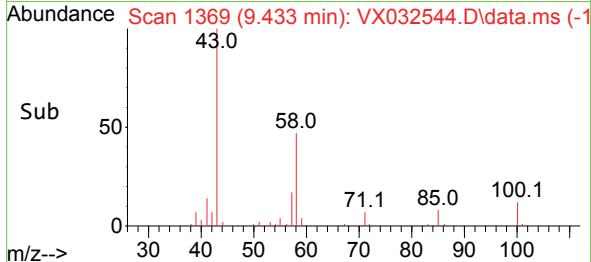
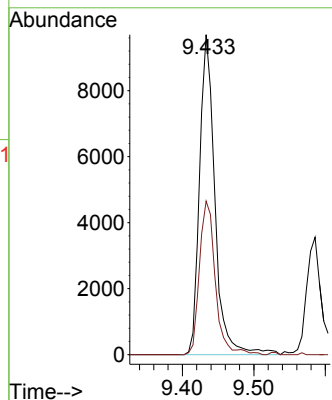
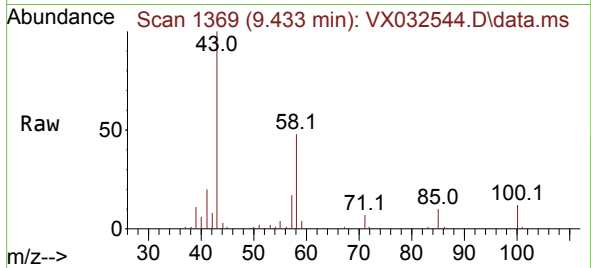




#59
2-Hexanone
Concen: 11.946 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. -0.000 min
Lab File: VX032544.D
Acq: 02 Nov 2022 17:36

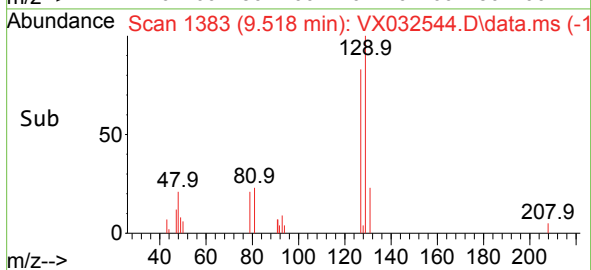
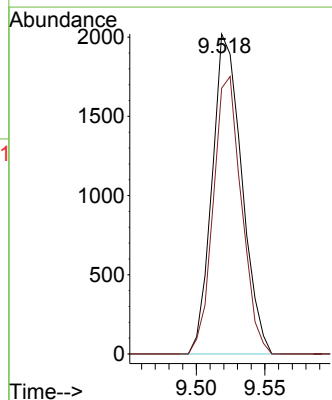
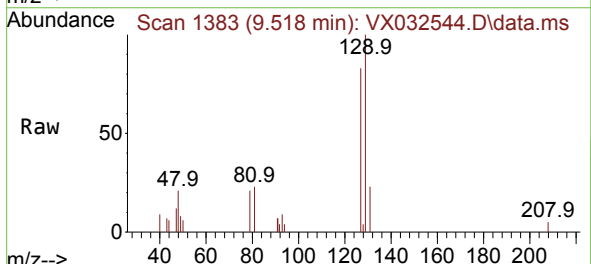
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2022

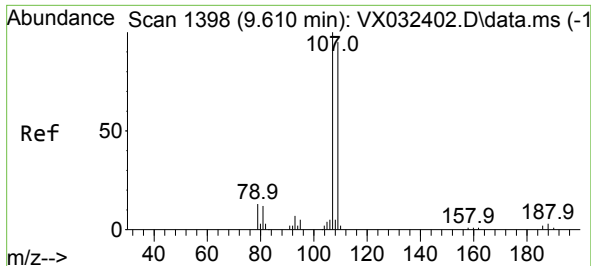
Tgt Ion: 43 Resp: 14461
Ion Ratio Lower Upper
43 100
58 49.6 26.5 79.5



#60
Dibromochloromethane
Concen: 2.210 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.006 min
Lab File: VX032544.D
Acq: 02 Nov 2022 17:36

Tgt Ion: 129 Resp: 3042
Ion Ratio Lower Upper
129 100
127 82.4 38.6 115.8

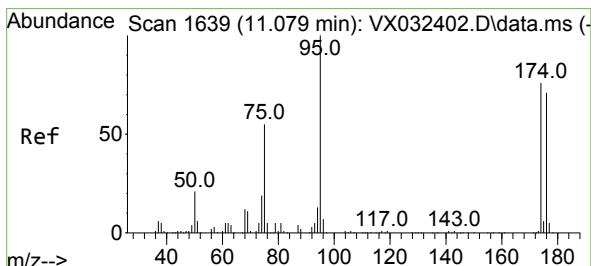
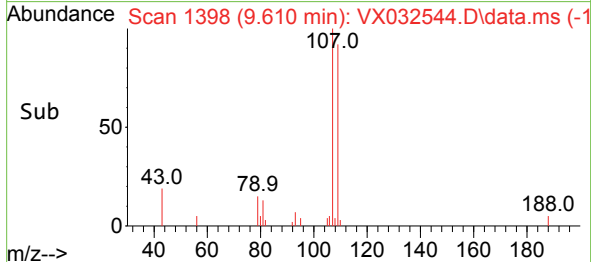
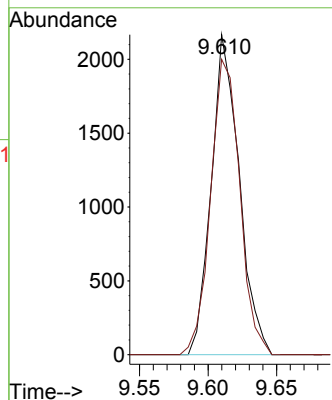
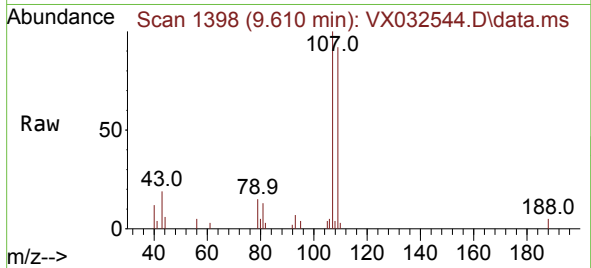




#61
1,2-Dibromoethane
Concen: 2.299 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX032544.D
Acq: 02 Nov 2022 17:36

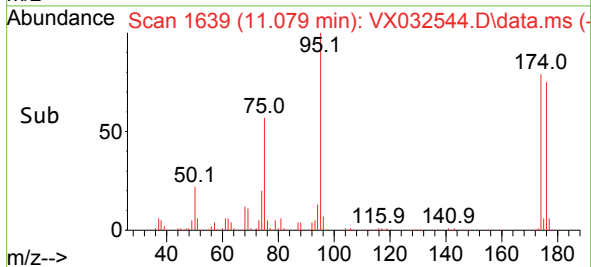
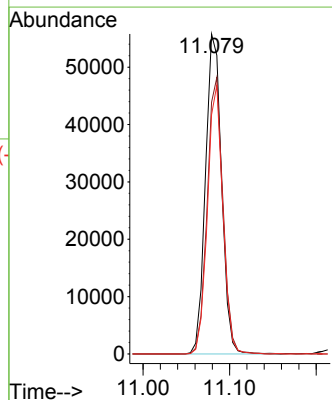
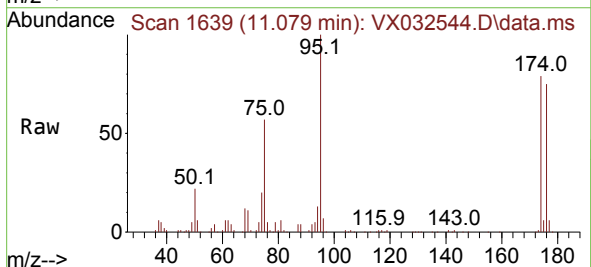
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT4-2022

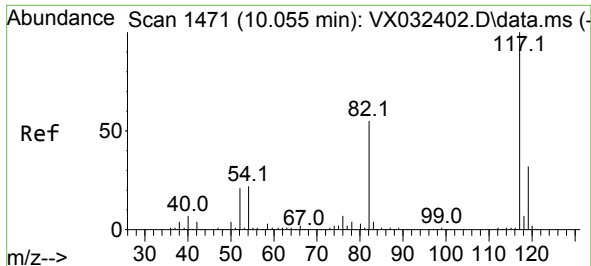
Tgt Ion:107 Resp: 3070
Ion Ratio Lower Upper
107 100
109 96.3 76.0 114.0



#62
4-Bromofluorobenzene
Concen: 45.418 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX032544.D
Acq: 02 Nov 2022 17:36

Tgt Ion: 95 Resp: 71795
Ion Ratio Lower Upper
95 100
174 85.1 0.0 164.0
176 80.7 0.0 154.4

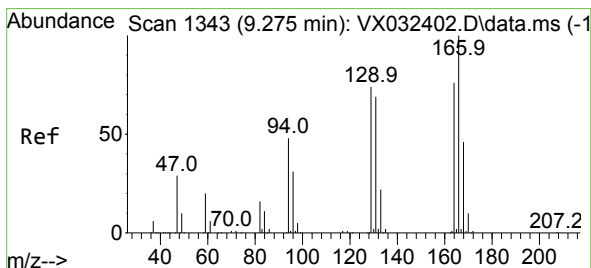
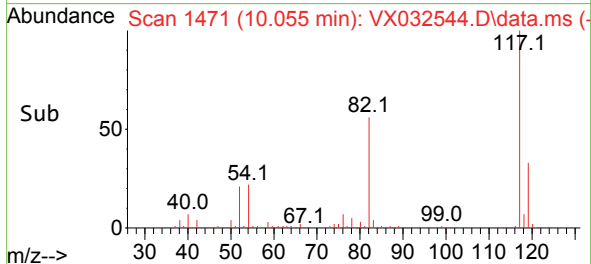
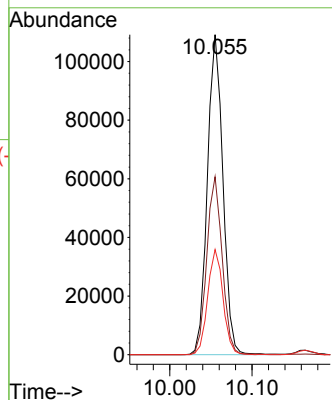
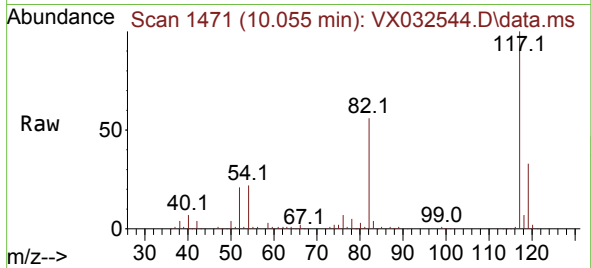




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX032544.D
Acq: 02 Nov 2022 17:36

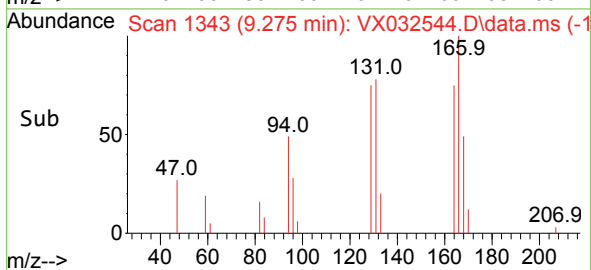
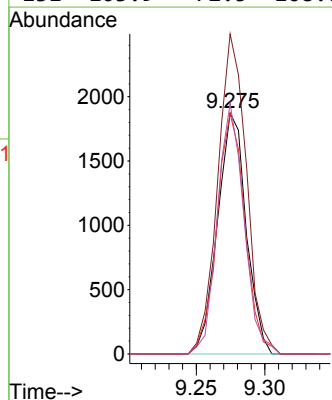
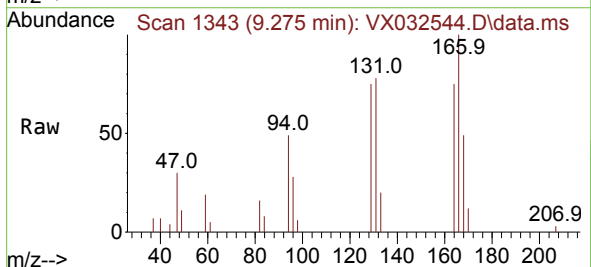
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT4-2022

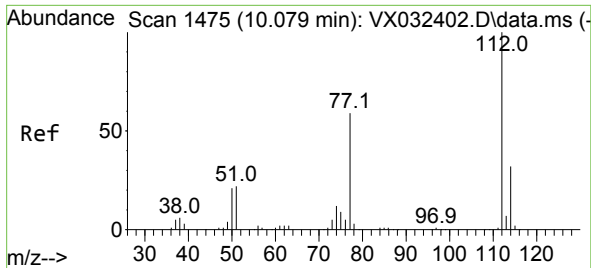
Tgt Ion:117 Resp: 143102
Ion Ratio Lower Upper
117 100
82 55.6 44.3 66.5
119 32.9 25.7 38.5



#64
Tetrachloroethene
Concen: 2.600 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX032544.D
Acq: 02 Nov 2022 17:36

Tgt Ion:164 Resp: 2723
Ion Ratio Lower Upper
164 100
166 132.8 105.4 158.2
129 99.7 78.2 117.2
131 103.9 72.5 108.7

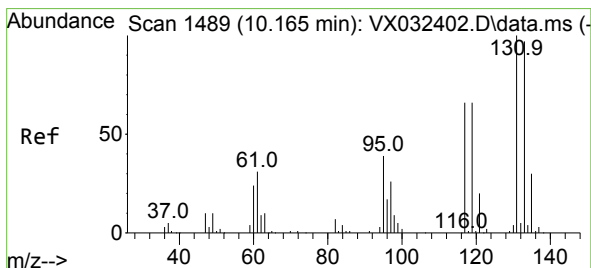
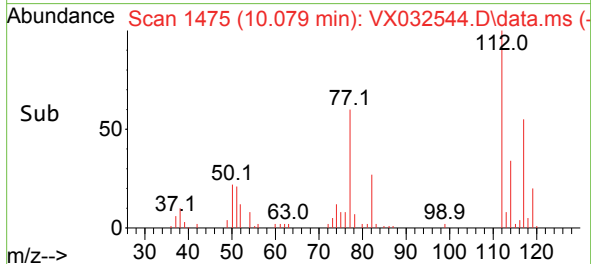
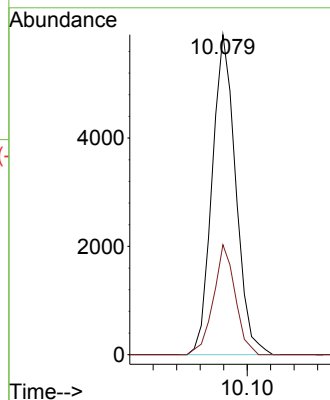
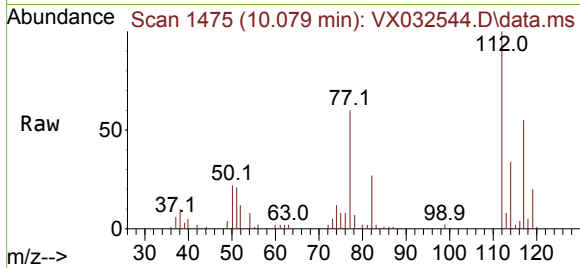




#65
Chlorobenzene
Concen: 2.572 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX032544.D
Acq: 02 Nov 2022 17:36

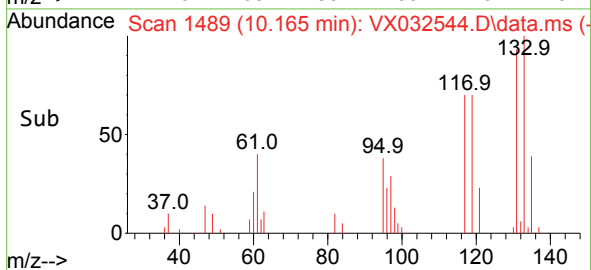
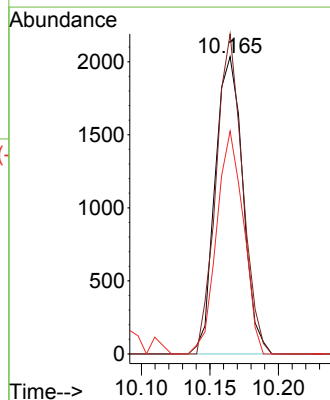
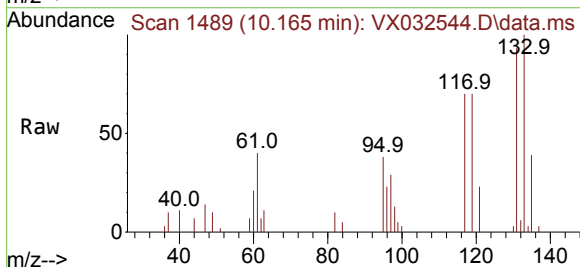
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT4-2022

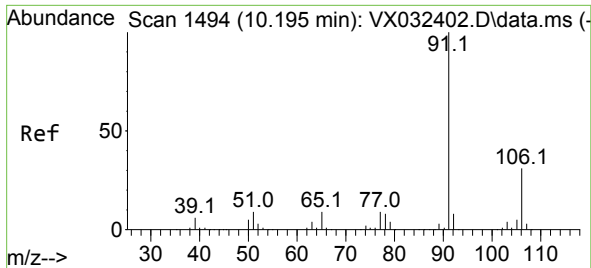
Tgt Ion:112 Resp: 8244
Ion Ratio Lower Upper
112 100
114 34.3 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 2.368 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX032544.D
Acq: 02 Nov 2022 17:36

Tgt Ion:131 Resp: 2857
Ion Ratio Lower Upper
131 100
133 102.8 47.6 142.9
119 72.6 32.4 97.0





#67

Ethyl Benzene

Concen: 2.471 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. -0.000 min

Lab File: VX032544.D

Acq: 02 Nov 2022 17:36

Instrument :

MSVOA_X

ClientSampleId :

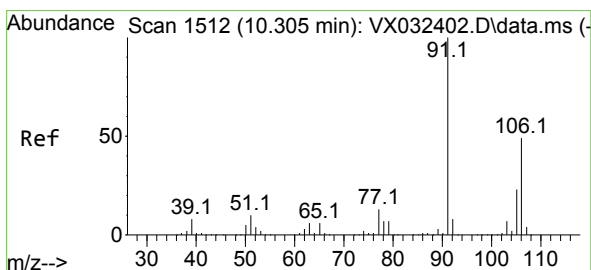
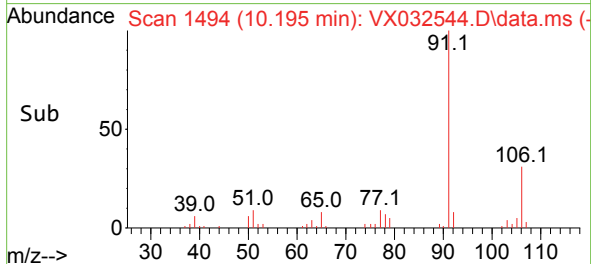
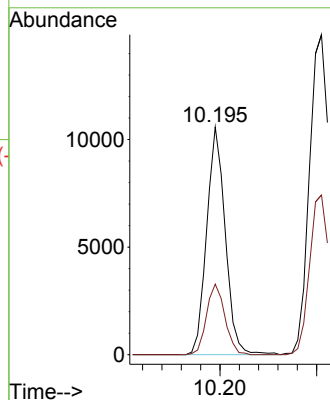
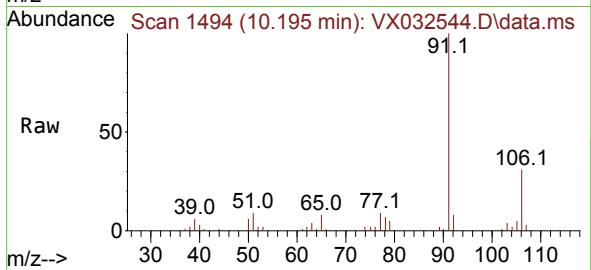
MDL-WATER-03-QT4-2022

Tgt Ion: 91 Resp: 14163

Ion Ratio Lower Upper

91 100

106 31.0 25.0 37.6



#68

m/p-Xylenes

Concen: 4.854 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. -0.000 min

Lab File: VX032544.D

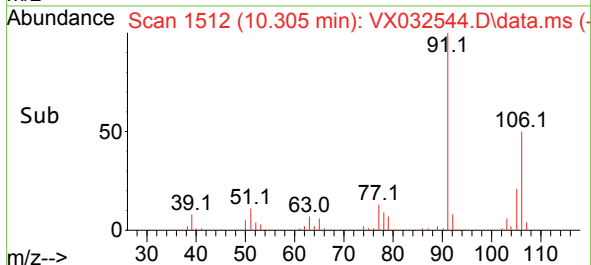
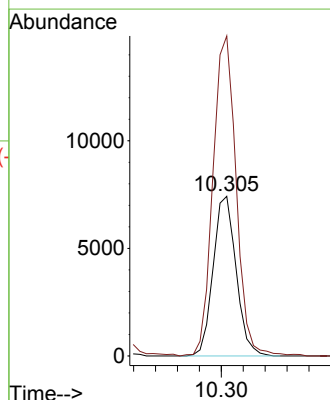
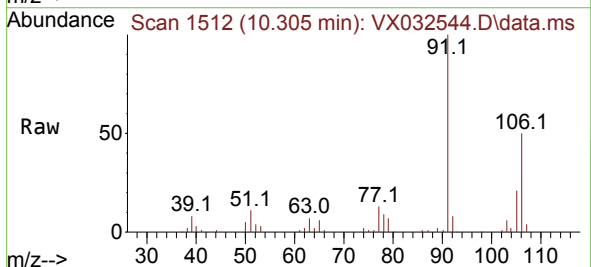
Acq: 02 Nov 2022 17:36

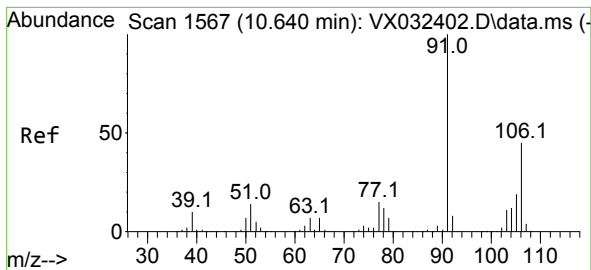
Tgt Ion:106 Resp: 10804

Ion Ratio Lower Upper

106 100

91 202.9 164.5 246.7





#69

o-Xylene

Concen: 2.437 ug/l

RT: 10.646 min Scan# 1567

Delta R.T. 0.006 min

Lab File: VX032544.D

Acq: 02 Nov 2022 17:36

Instrument :

MSVOA_X

ClientSampleId :

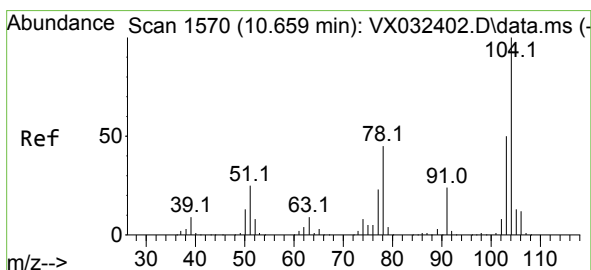
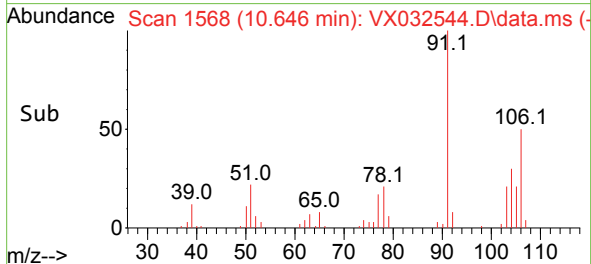
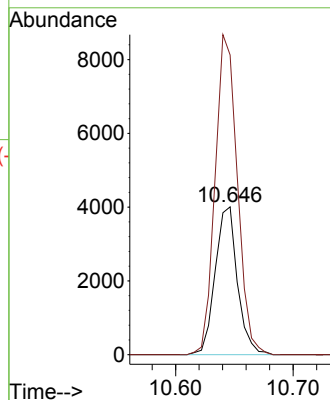
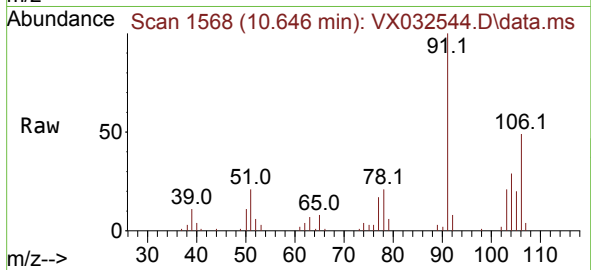
MDL-WATER-03-QT4-2022

Tgt Ion:106 Resp: 5274

Ion Ratio Lower Upper

106 100

91 216.2 109.2 327.6



#70

Styrene

Concen: 2.333 ug/l

RT: 10.658 min Scan# 1570

Delta R.T. -0.000 min

Lab File: VX032544.D

Acq: 02 Nov 2022 17:36

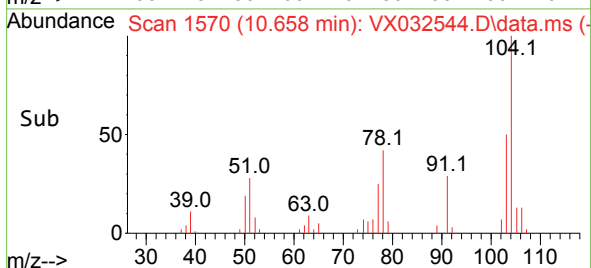
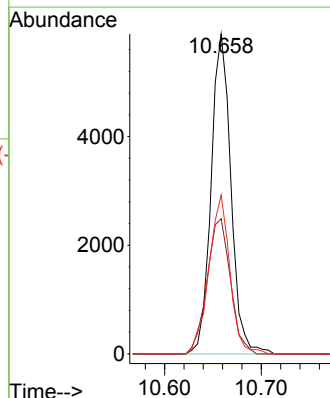
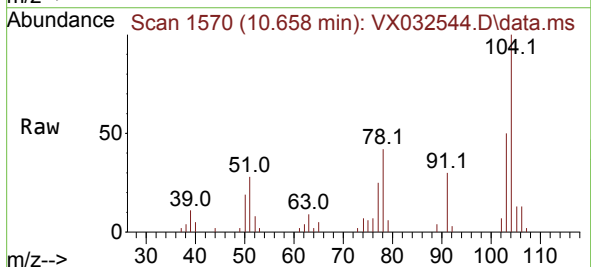
Tgt Ion:104 Resp: 8390

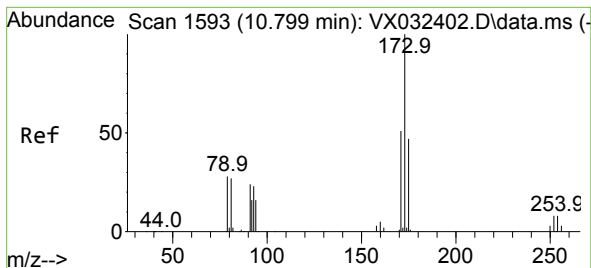
Ion Ratio Lower Upper

104 100

78 49.9 41.8 62.8

103 52.7 44.5 66.7





#71

Bromoform

Concen: 2.218 ug/l

RT: 10.799 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX032544.D

Acq: 02 Nov 2022 17:36

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT4-2022

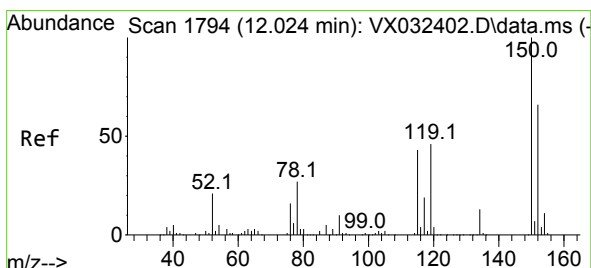
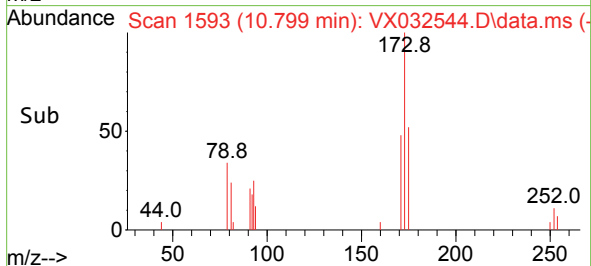
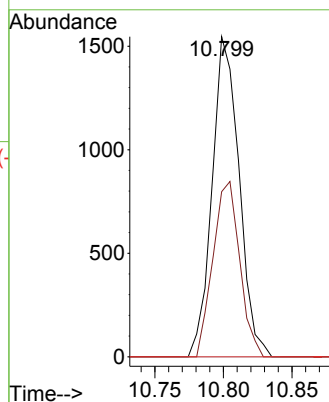
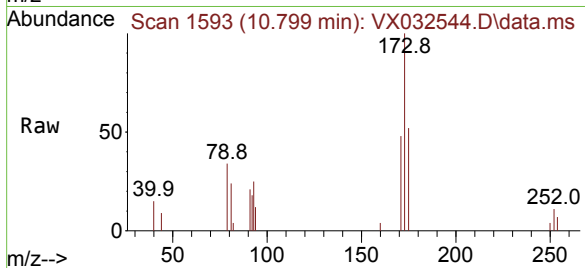
Tgt Ion:173 Resp: 2116

Ion Ratio Lower Upper

173 100

175 54.2 23.9 71.8

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VX032544.D

Acq: 02 Nov 2022 17:36

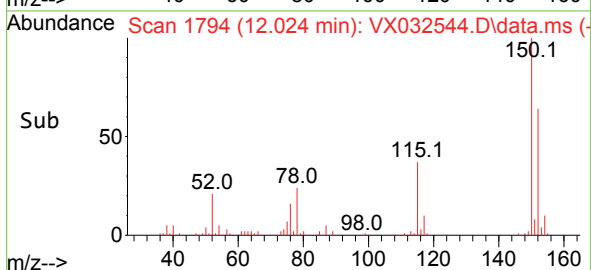
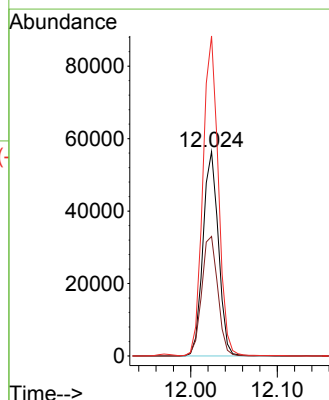
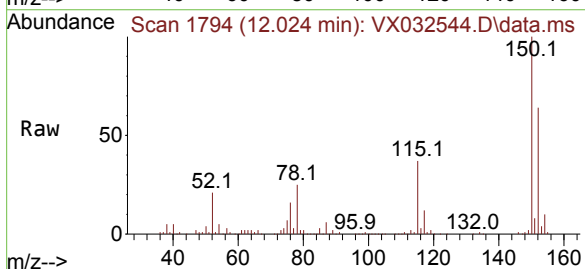
Tgt Ion:152 Resp: 69629

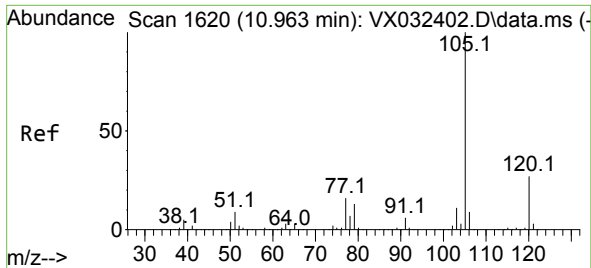
Ion Ratio Lower Upper

152 100

115 61.1 44.0 132.0

150 156.7 0.0 351.8

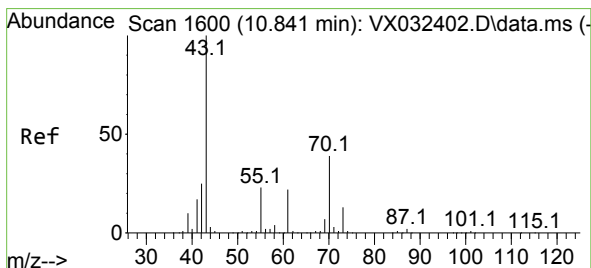
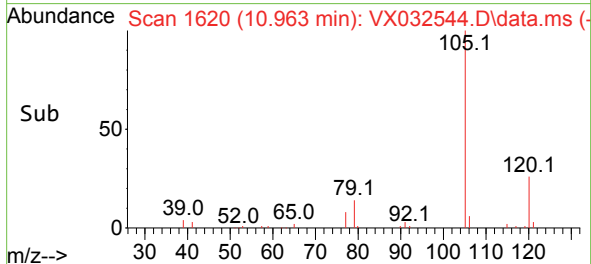
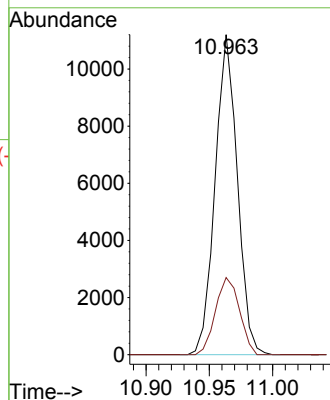
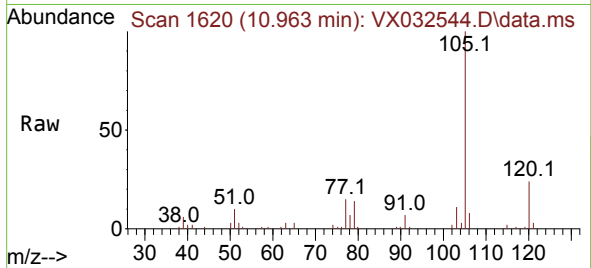




#73
Isopropylbenzene
Concen: 2.474 ug/l
RT: 10.963 min Scan# 1601
Delta R.T. -0.000 min
Lab File: VX032544.D
Acq: 02 Nov 2022 17:36

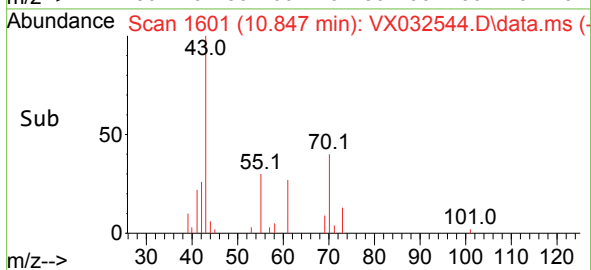
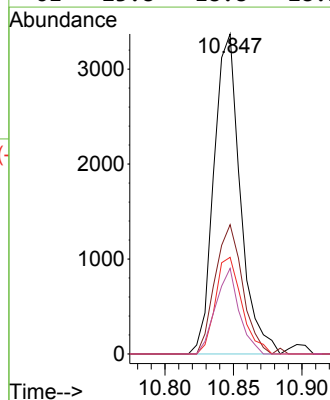
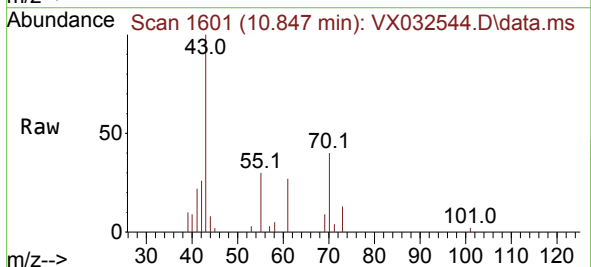
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2022

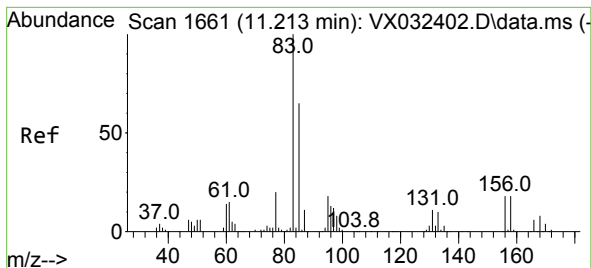
Tgt Ion:105 Resp: 13651
Ion Ratio Lower Upper
105 100
120 26.0 13.1 39.3



#74
N-ethyl acetate
Concen: 2.165 ug/l
RT: 10.847 min Scan# 1601
Delta R.T. 0.006 min
Lab File: VX032544.D
Acq: 02 Nov 2022 17:36

Tgt Ion: 43 Resp: 4513
Ion Ratio Lower Upper
43 100
70 42.5 33.6 50.4
55 30.4 19.4 29.2#
61 23.8 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 2.735 ug/l

RT: 11.213 min Scan# 1661

Delta R.T. -0.000 min

Lab File: VX032544.D

Acq: 02 Nov 2022 17:36

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT4-2022

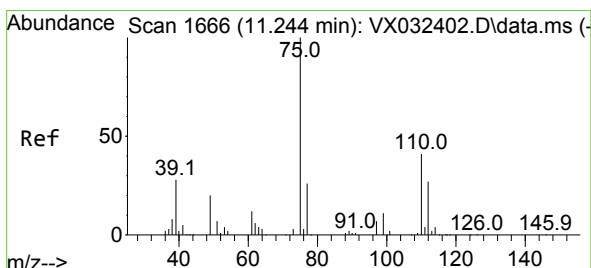
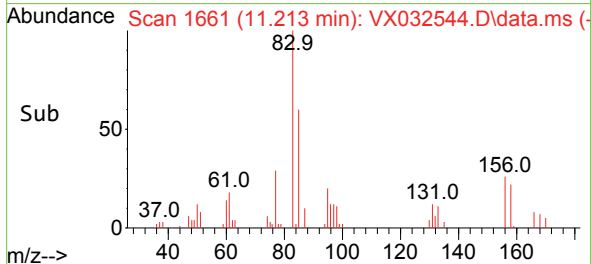
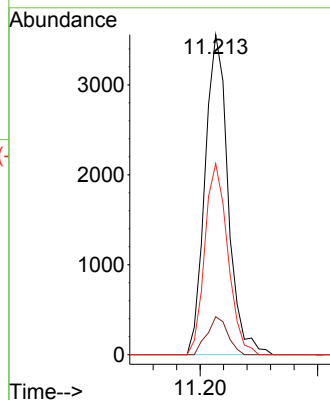
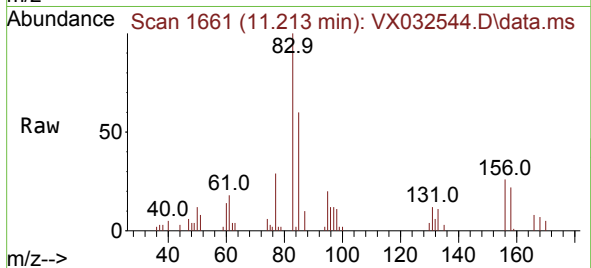
Tgt Ion: 83 Resp: 4843

Ion Ratio Lower Upper

83 100

131 10.6 5.4 16.2

85 59.4 31.9 95.9



#76

1,2,3-Trichloropropane

Concen: 3.130 ug/l

RT: 11.238 min Scan# 1665

Delta R.T. -0.006 min

Lab File: VX032544.D

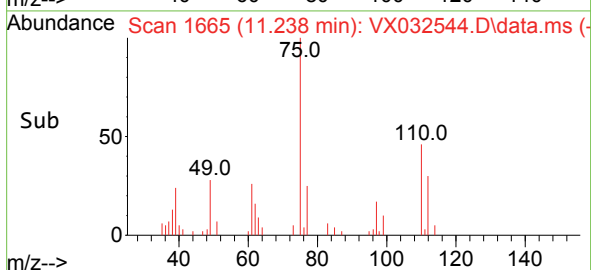
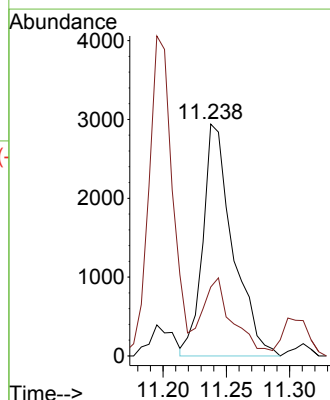
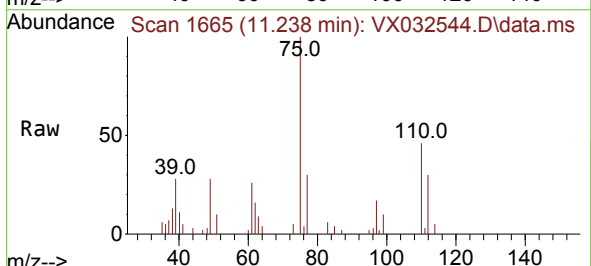
Acq: 02 Nov 2022 17:36

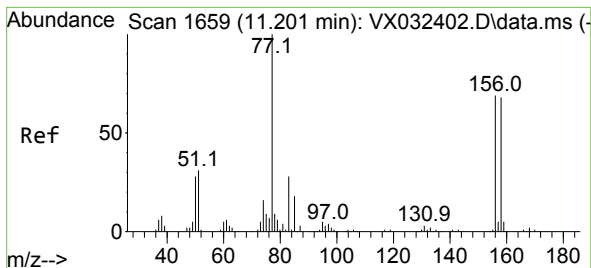
Tgt Ion: 75 Resp: 4849

Ion Ratio Lower Upper

75 100

77 32.1 20.0 60.0





#77

Bromobenzene

Concen: 2.661 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. -0.000 min

Lab File: VX032544.D

Acq: 02 Nov 2022 17:36

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT4-2022

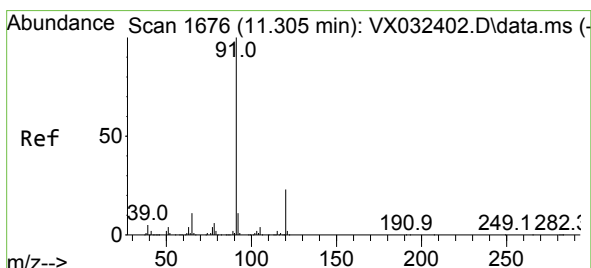
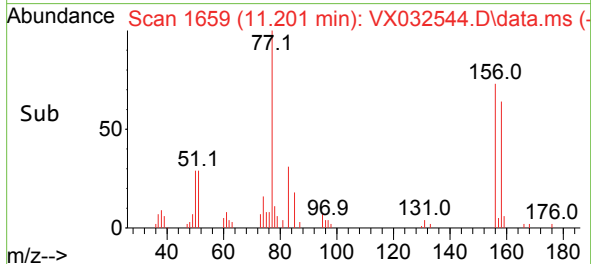
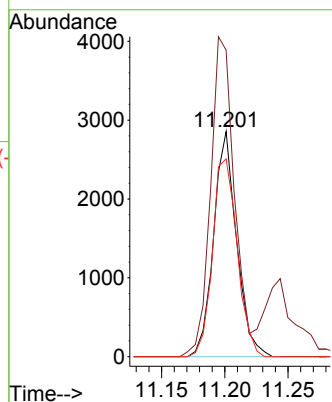
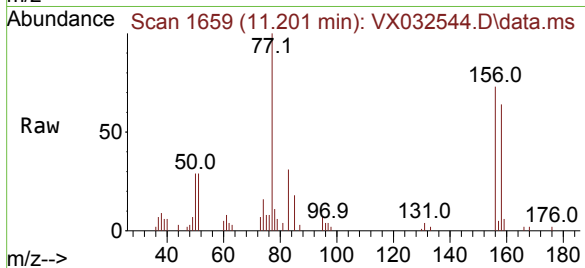
Tgt Ion:156 Resp: 3600

Ion Ratio Lower Upper

156 100

77 149.9 76.1 228.4

158 94.3 48.8 146.3



#78

n-propylbenzene

Concen: 2.394 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX032544.D

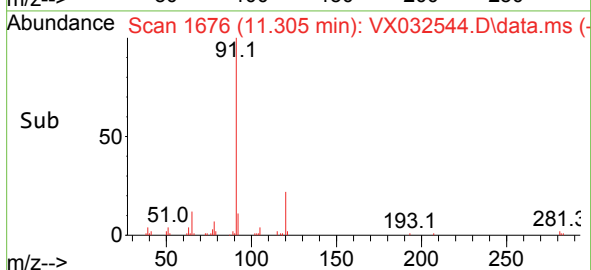
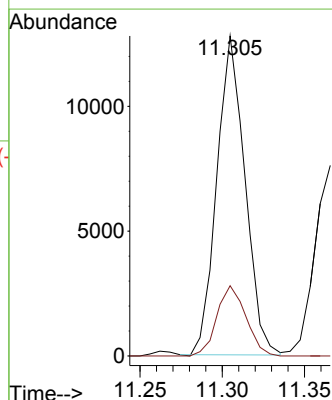
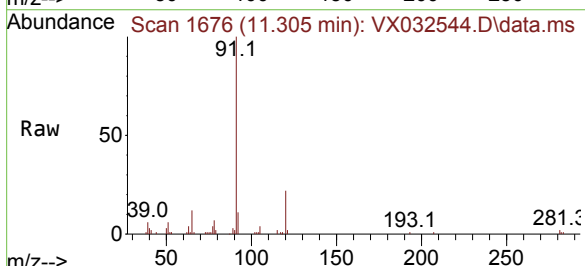
Acq: 02 Nov 2022 17:36

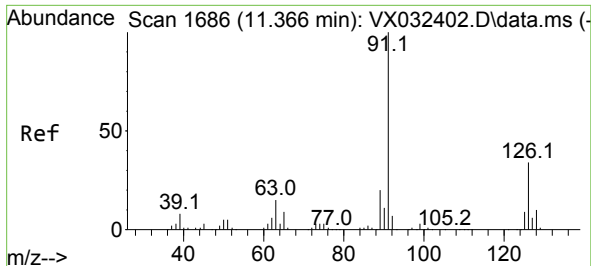
Tgt Ion: 91 Resp: 15216

Ion Ratio Lower Upper

91 100

120 22.7 11.6 34.8

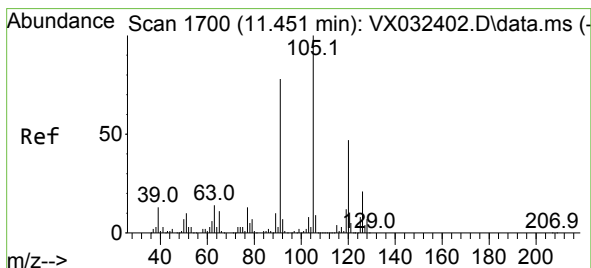
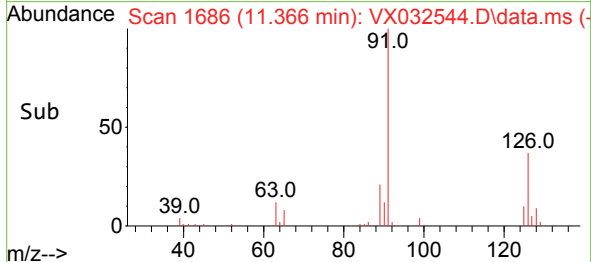
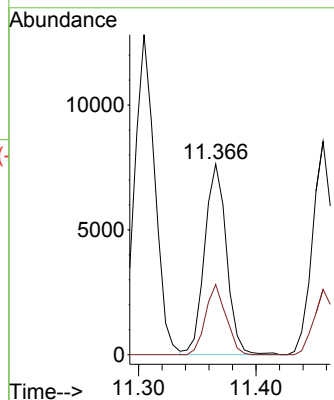
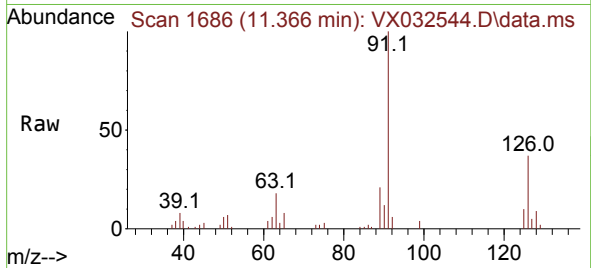




#79
2-Chlorotoluene
Concen: 2.601 ug/l
RT: 11.366 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX032544.D
Acq: 02 Nov 2022 17:36

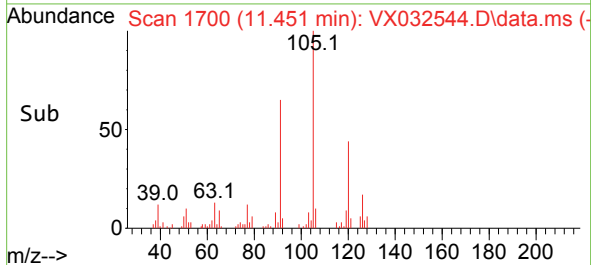
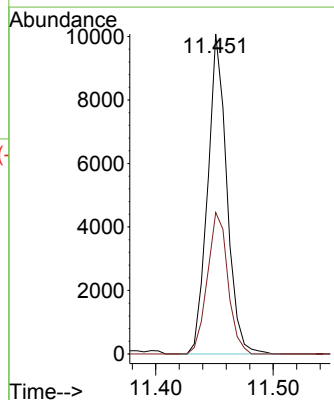
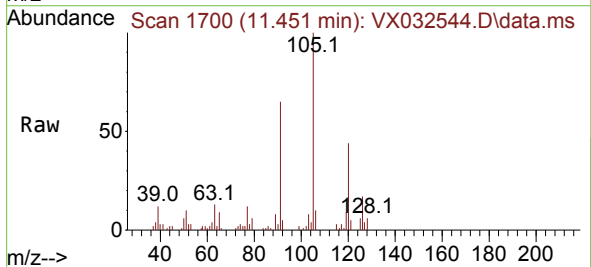
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2022

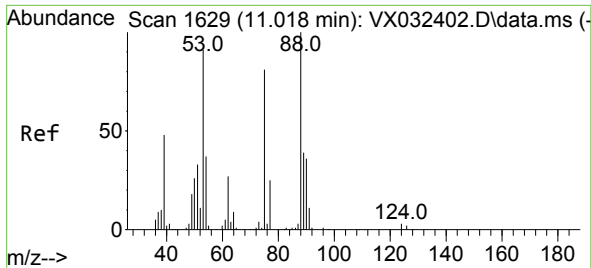
Tgt Ion: 91 Resp: 9904
Ion Ratio Lower Upper
91 100
126 34.3 17.1 51.2



#80
1,3,5-Trimethylbenzene
Concen: 2.419 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX032544.D
Acq: 02 Nov 2022 17:36

Tgt Ion: 105 Resp: 11405
Ion Ratio Lower Upper
105 100
120 47.3 23.6 71.0

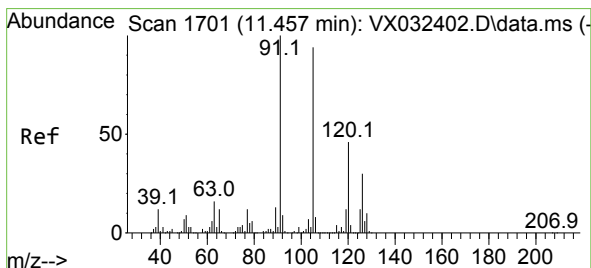
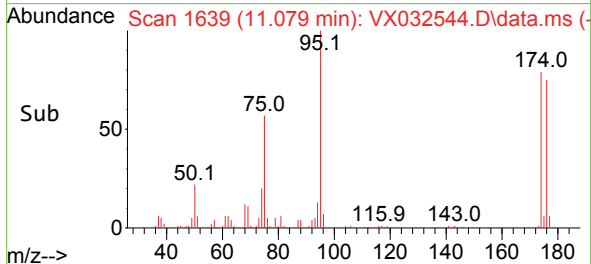
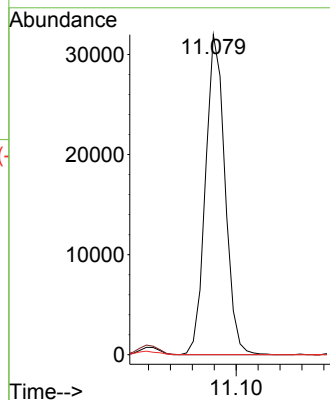
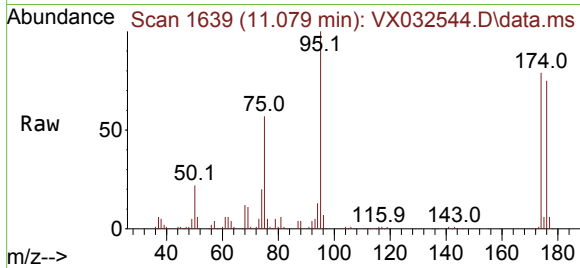




#81
trans-1,4-Dichloro-2-butene
Concen: 81.057 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX032544.D
Acq: 02 Nov 2022 17:36

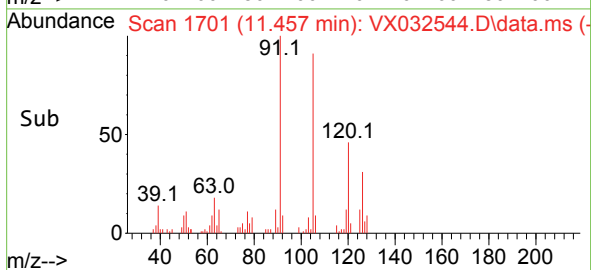
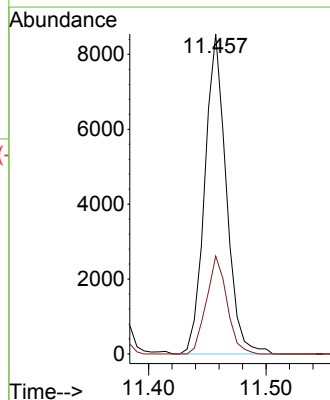
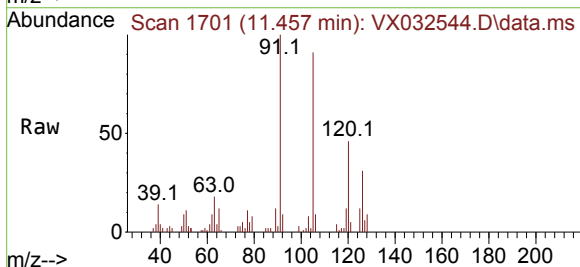
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2022

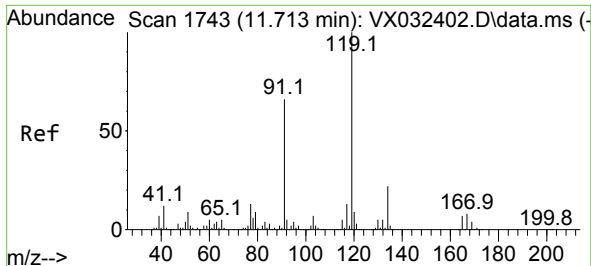
Tgt Ion: 75 Resp: 39460
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.0 38.3 57.5#



#82
4-Chlorotoluene
Concen: 2.433 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VX032544.D
Acq: 02 Nov 2022 17:36

Tgt Ion: 91 Resp: 10838
Ion Ratio Lower Upper
91 100
126 29.4 14.8 44.4

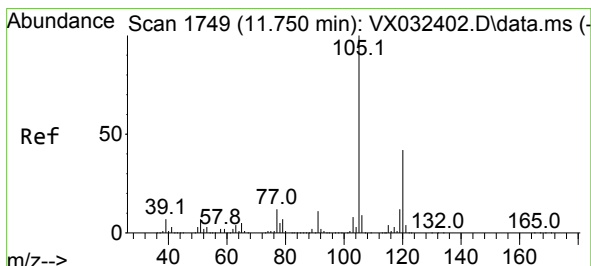
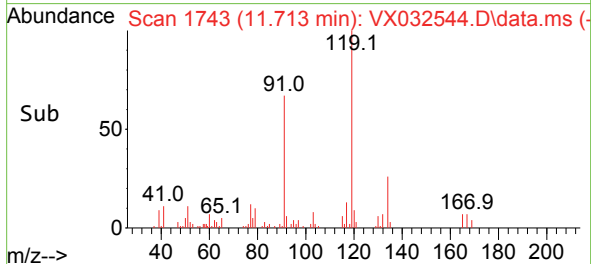
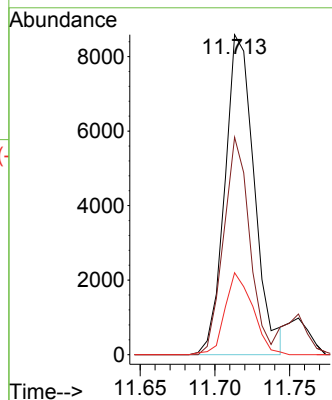
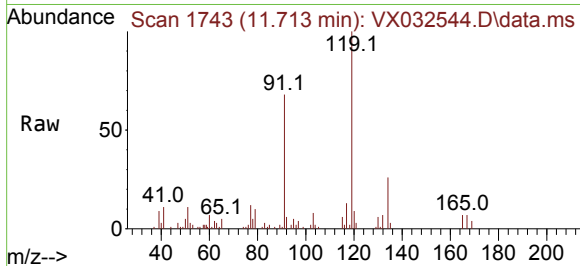




#83
tert-Butylbenzene
Concen: 2.497 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX032544.D
Acq: 02 Nov 2022 17:36

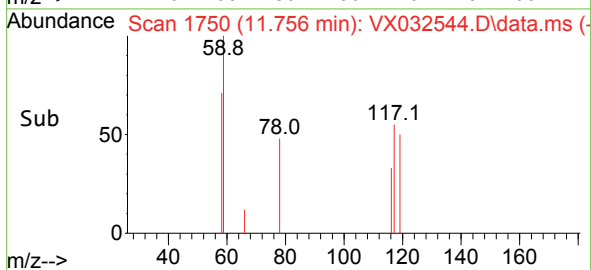
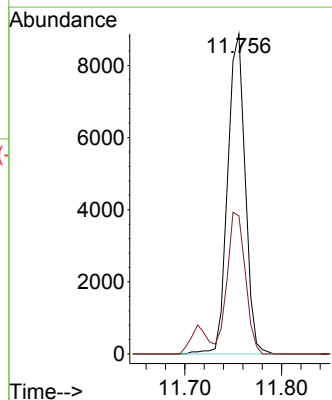
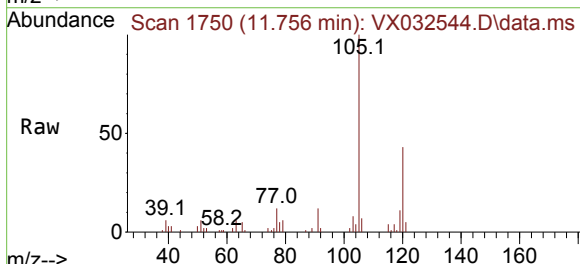
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2022

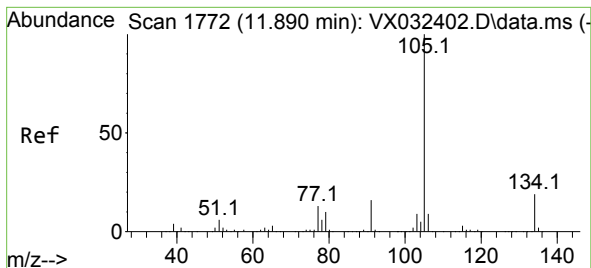
Tgt Ion:119 Resp: 11756
Ion Ratio Lower Upper
119 100
91 60.2 29.4 88.2
134 24.0 11.0 33.0



#84
1,2,4-Trimethylbenzene
Concen: 2.373 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX032544.D
Acq: 02 Nov 2022 17:36

Tgt Ion:105 Resp: 11129
Ion Ratio Lower Upper
105 100
120 45.8 21.9 65.5





#85

sec-Butylbenzene

Concen: 2.347 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. -0.000 min

Lab File: VX032544.D

Acq: 02 Nov 2022 17:36

Instrument :

MSVOA_X

ClientSampleId :

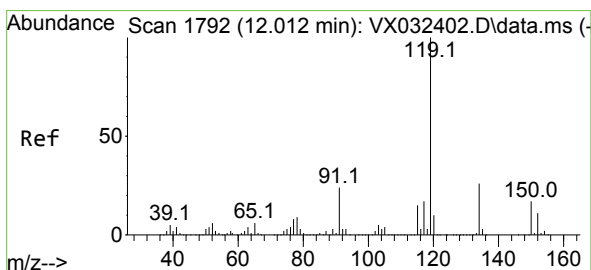
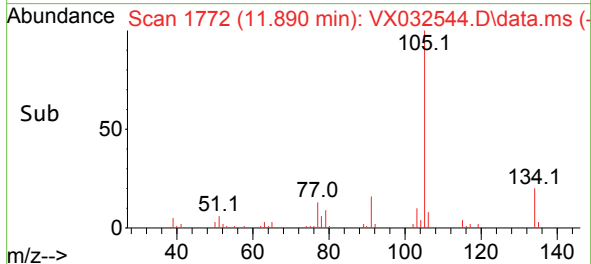
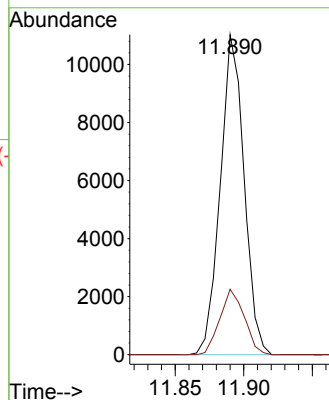
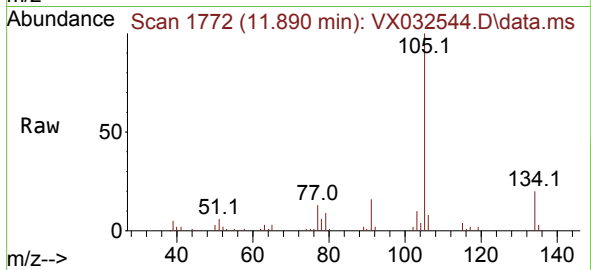
MDL-WATER-03-QT4-2022

Tgt Ion:105 Resp: 13297

Ion Ratio Lower Upper

105 100

134 21.0 9.9 29.7



#86

p-Isopropyltoluene

Concen: 2.380 ug/l

RT: 12.012 min Scan# 1792

Delta R.T. -0.000 min

Lab File: VX032544.D

Acq: 02 Nov 2022 17:36

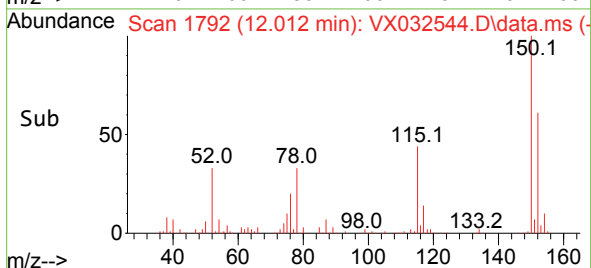
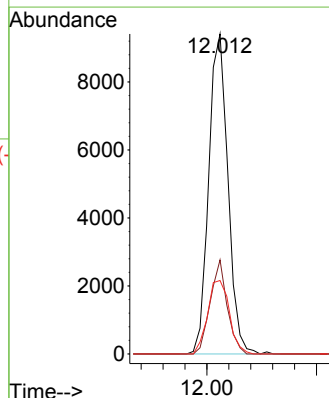
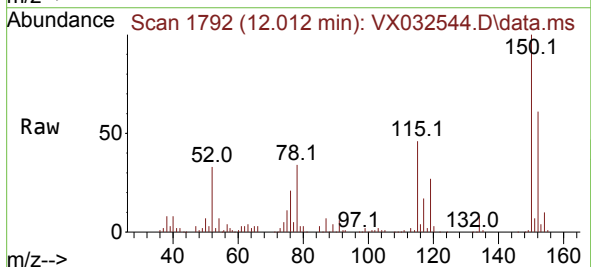
Tgt Ion:119 Resp: 11441

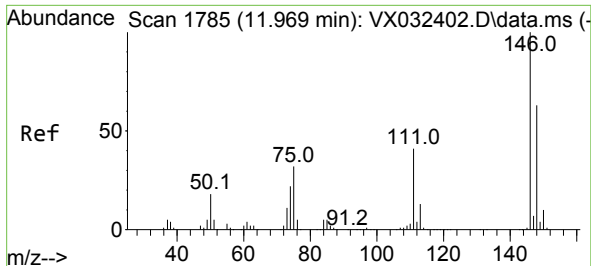
Ion Ratio Lower Upper

119 100

134 26.1 12.9 38.7

91 26.1 12.5 37.5





#87

1,3-Dichlorobenzene

Concen: 2.519 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX032544.D

Acq: 02 Nov 2022 17:36

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT4-2022

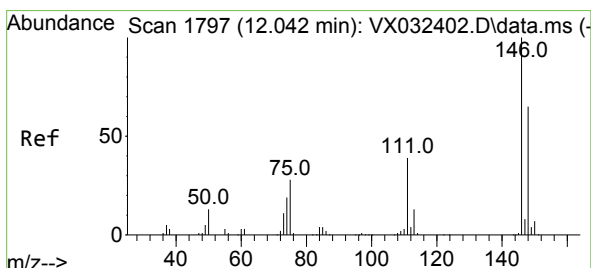
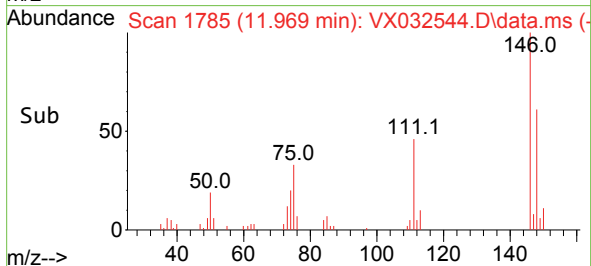
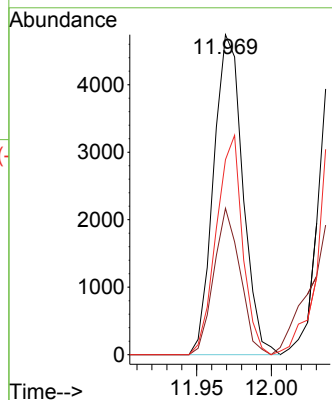
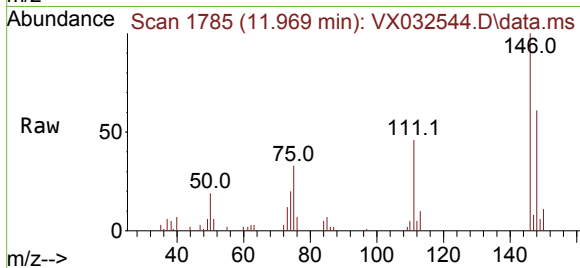
Tgt Ion:146 Resp: 6428

Ion Ratio Lower Upper

146 100

111 41.2 20.6 61.8

148 61.8 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 2.468 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX032544.D

Acq: 02 Nov 2022 17:36

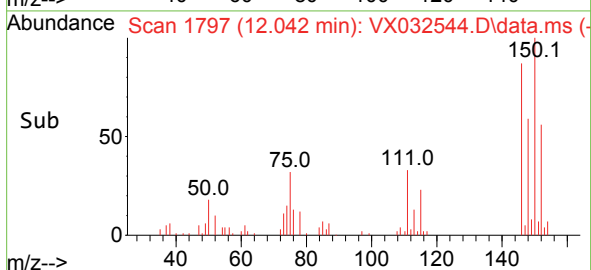
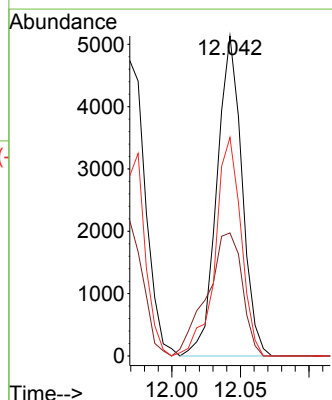
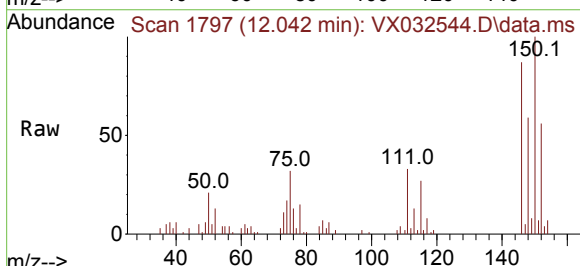
Tgt Ion:146 Resp: 6532

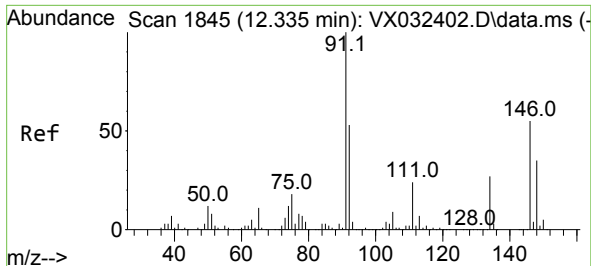
Ion Ratio Lower Upper

146 100

111 54.0 20.5 61.6

148 70.3 32.2 96.6





#89

n-Butylbenzene

Concen: 2.190 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX032544.D

Acq: 02 Nov 2022 17:36

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT4-2022

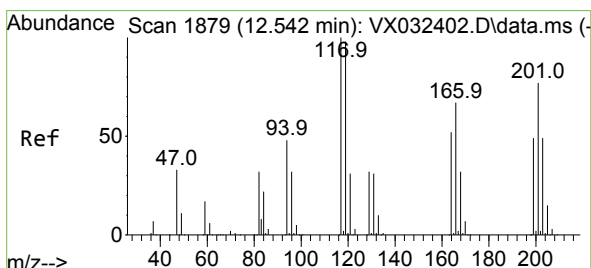
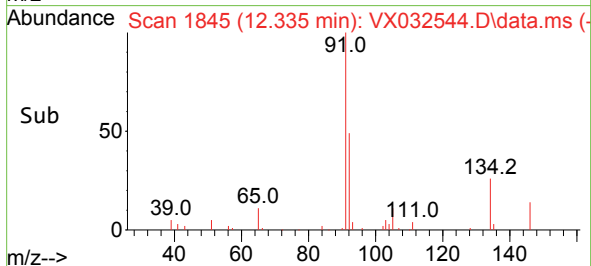
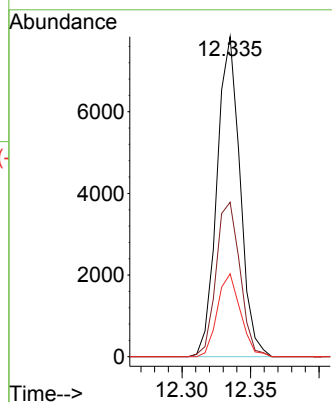
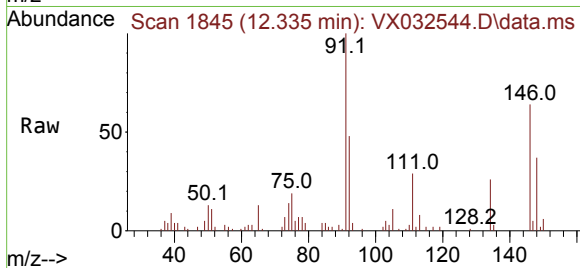
Tgt Ion: 91 Resp: 9160

Ion Ratio Lower Upper

91 100

92 50.2 26.2 78.6

134 26.1 12.9 38.6



#90

Hexachloroethane

Concen: 2.327 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. -0.006 min

Lab File: VX032544.D

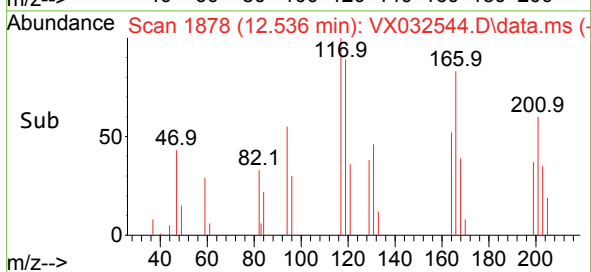
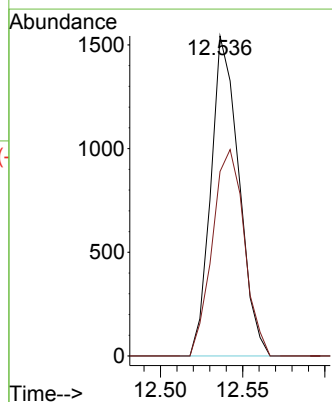
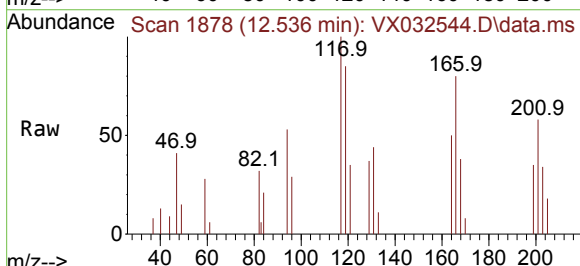
Acq: 02 Nov 2022 17:36

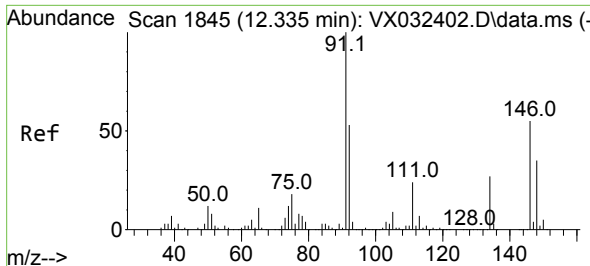
Tgt Ion: 117 Resp: 1827

Ion Ratio Lower Upper

117 100

201 73.6 37.6 112.9

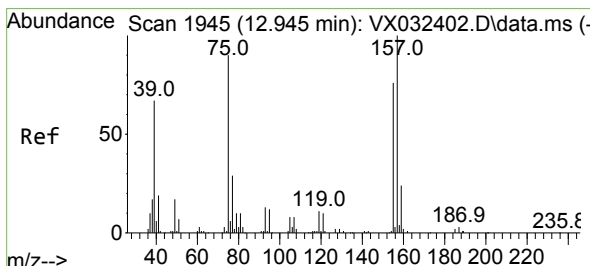
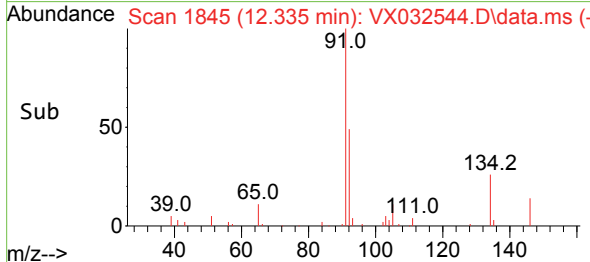
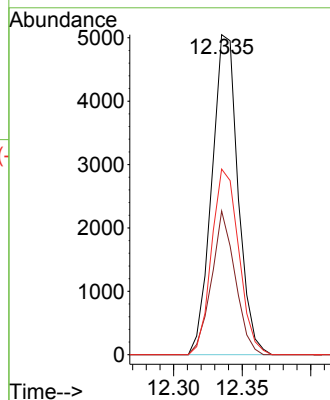
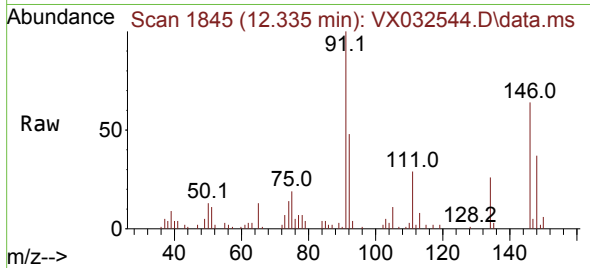




#91
1,2-Dichlorobenzene
Concen: 2.671 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX032544.D
Acq: 02 Nov 2022 17:36

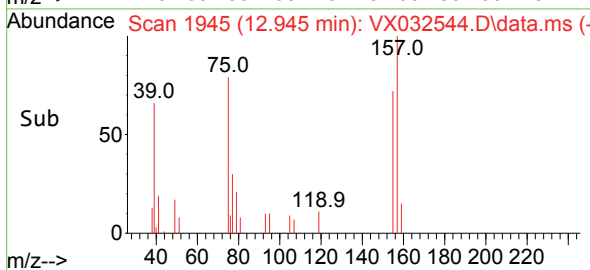
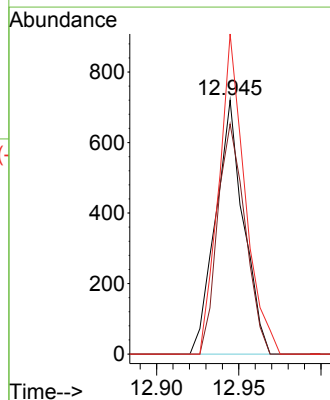
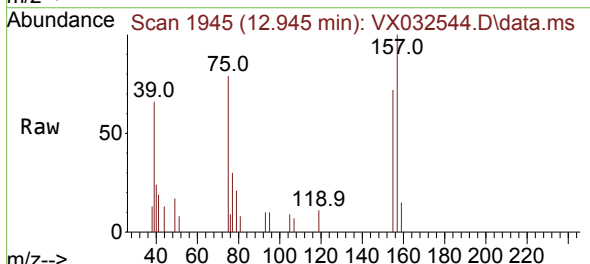
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT4-2022

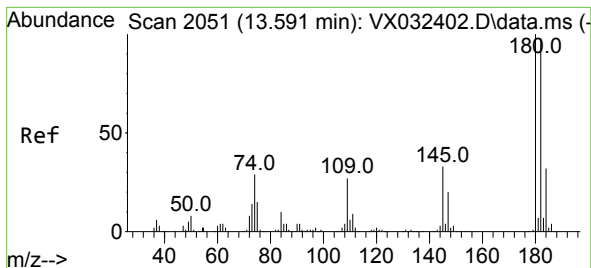
Tgt Ion:146 Resp: 6719
Ion Ratio Lower Upper
146 100
111 40.4 21.5 64.5
148 60.1 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 2.194 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX032544.D
Acq: 02 Nov 2022 17:36

Tgt Ion: 75 Resp: 852
Ion Ratio Lower Upper
75 100
155 89.2 41.6 124.8
157 118.4 54.1 162.4





#93

1,2,4-Trichlorobenzene

Concen: 2.130 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. -0.000 min

Lab File: VX032544.D

Acq: 02 Nov 2022 17:36

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT4-2022

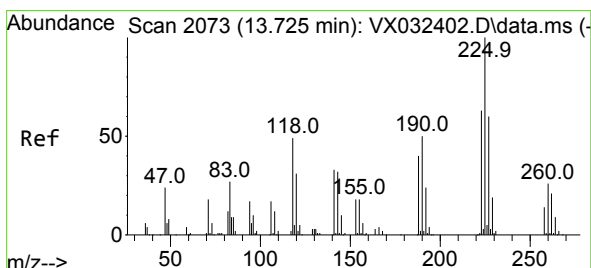
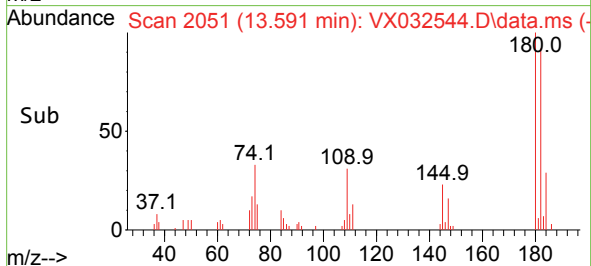
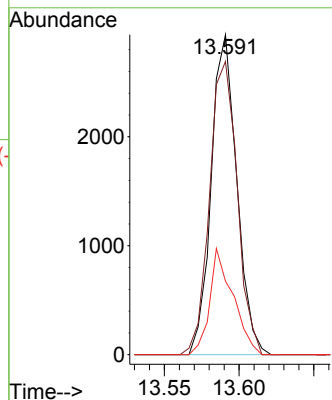
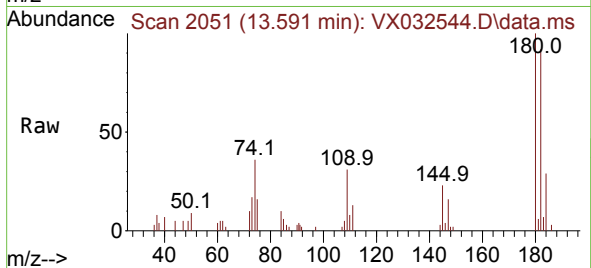
Tgt Ion:180 Resp: 3494

Ion Ratio Lower Upper

180 100

182 98.8 48.4 145.0

145 30.3 16.2 48.5



#94

Hexachlorobutadiene

Concen: 2.509 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. -0.000 min

Lab File: VX032544.D

Acq: 02 Nov 2022 17:36

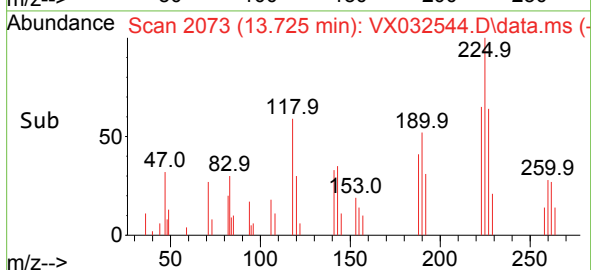
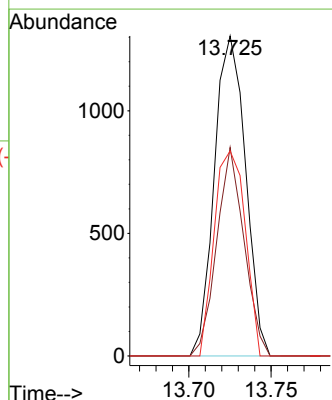
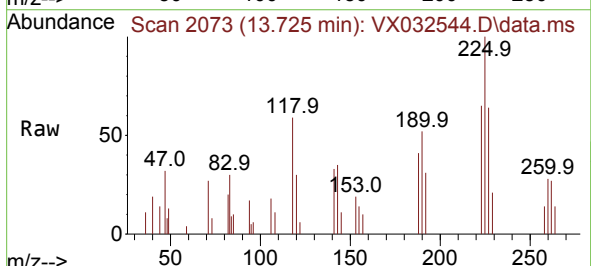
Tgt Ion:225 Resp: 1719

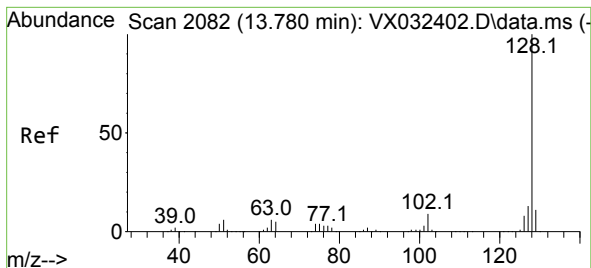
Ion Ratio Lower Upper

225 100

223 57.1 31.9 95.9

227 63.5 31.9 95.5





#95

Naphthalene

Concen: 2.295 ug/l

RT: 13.780 min Scan# 2082

Delta R.T. -0.000 min

Lab File: VX032544.D

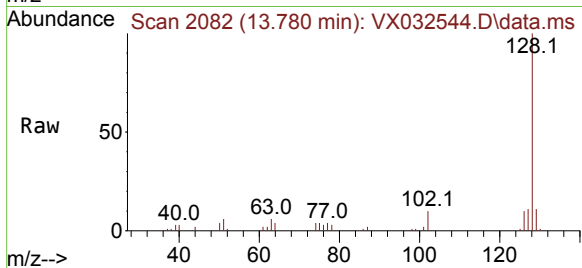
Acq: 02 Nov 2022 17:36

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT4-2022



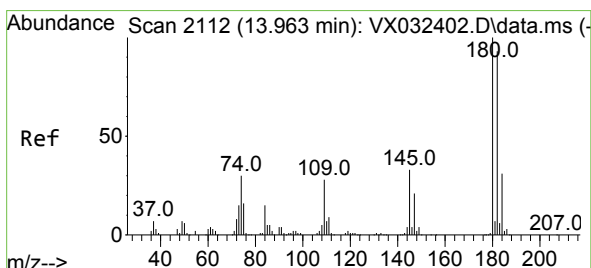
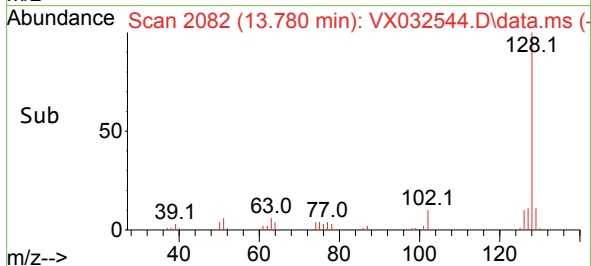
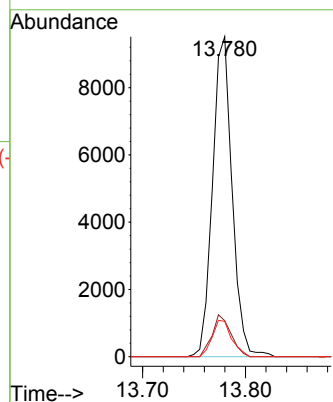
Tgt Ion:128 Resp: 12543

Ion Ratio Lower Upper

128 100

127 12.6 10.2 15.4

129 11.3 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 2.306 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX032544.D

Acq: 02 Nov 2022 17:36

Tgt Ion:180 Resp: 3846

Ion Ratio Lower Upper

180 100

182 100.3 47.5 142.6

145 36.5 16.9 50.6

