

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072423\
 Data File : VX036627.D
 Acq On : 24 Jul 2023 13:20
 Operator : JC/MD
 Sample : 03572-09 0.2PPB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT3-2023

Quant Time: Jul 25 07:58:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 12:14:12 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	177479	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	307898	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	271857	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	124542	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	131489	50.071	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 100.140%	
35) Dibromofluoromethane	5.385	113	106127	50.147	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.300%	
50) Toluene-d8	8.647	98	373779	49.804	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 99.600%	
62) 4-Bromofluorobenzene	11.079	95	139205	49.163	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 98.320%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	471	0.201	ug/l	93
3) Chloromethane	1.301	50	715	0.335	ug/l	89
4) Vinyl Chloride	1.374	62	435	0.200	ug/l #	87
5) Bromomethane	1.618	94	692	0.534	ug/l	93
6) Chloroethane	1.691	64	474	0.449	ug/l #	1
7) Trichlorofluoromethane	1.892	101	743	0.222	ug/l	96
8) Diethyl Ether	2.136	74	357	0.275	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.337	101	543	0.270	ug/l #	83
10) Methyl Iodide	2.453	142	500	0.239	ug/l #	69
11) Tert butyl alcohol	2.995	59	912	1.467	ug/l #	77
12) 1,1-Dichloroethene	2.319	96	594	0.299	ug/l #	57
13) Acrolein	2.239	56	656	1.849	ug/l #	14
14) Allyl chloride	2.666	41	941	0.240	ug/l	98
15) Acrylonitrile	3.075	53	1348	1.078	ug/l	98
16) Acetone	2.392	43	1869	1.715	ug/l #	74
17) Carbon Disulfide	2.514	76	2171	0.396	ug/l	96
18) Methyl Acetate	2.709	43	1162	0.253	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	1731	0.232	ug/l #	80
20) Methylene Chloride	2.794	84	992	0.409	ug/l #	75
21) trans-1,2-Dichloroethene	3.099	96	629	0.283	ug/l #	60
22) Diisopropyl ether	3.763	45	1752	0.236	ug/l #	79
23) Vinyl Acetate	3.727	43	5840	1.025	ug/l	99
24) 1,1-Dichloroethane	3.617	63	842	0.202	ug/l #	83
25) 2-Butanone	4.580	43	2617	1.480	ug/l	97
26) 2,2-Dichloropropane	4.477	77	943	0.240	ug/l	93
27) cis-1,2-Dichloroethene	4.489	96	682	0.259	ug/l	82
28) Bromochloromethane	4.904	49	354	0.176	ug/l #	87
29) Tetrahydrofuran	5.032	42	1909	1.675	ug/l #	76
30) Chloroform	5.093	83	1124	0.264	ug/l #	79
31) Cyclohexane	5.464	56	904	0.249	ug/l	87
32) 1,1,1-Trichloroethane	5.391	97	835	0.214	ug/l #	45
36) 1,1-Dichloropropene	5.690	75	470	0.149	ug/l #	66
37) Ethyl Acetate	4.715	43	320	0.090	ug/l #	77
38) Carbon Tetrachloride	5.666	117	735	0.219	ug/l #	66
39) Methylcyclohexane	7.385	83	1021	0.260	ug/l	94
40) Benzene	6.050	78	1927	0.210	ug/l	94

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	198	0.104	ug/l #	48
42) 1,2-Dichloroethane	6.092	62	1010	0.301	ug/l	83
43) Isopropyl Acetate	6.348	43	1423	0.232	ug/l #	87
44) Trichloroethene	7.129	130	520	0.217	ug/l	67
45) 1,2-Dichloropropane	7.427	63	510	0.208	ug/l #	80
46) Dibromomethane	7.592	93	341	0.199	ug/l #	73
47) Bromodichloromethane	7.824	83	806	0.229	ug/l #	86
48) Methyl methacrylate	7.708	41	696	0.244	ug/l #	82
49) 1,4-Dioxane	7.720	88	149	2.581	ug/l #	33
51) 4-Methyl-2-Pentanone	8.574	43	3632	1.068	ug/l	94
52) Toluene	8.726	92	1313	0.228	ug/l	95
53) t-1,3-Dichloropropene	8.982	75	838	0.211	ug/l #	57
54) cis-1,3-Dichloropropene	8.366	75	766	0.182	ug/l #	84
55) 1,1,2-Trichloroethane	9.153	97	537	0.222	ug/l	94
56) Ethyl methacrylate	9.122	69	899	0.228	ug/l	94
57) 1,3-Dichloropropane	9.317	76	829	0.206	ug/l	90
58) 2-Chloroethyl Vinyl ether	8.250	63	2901	1.496	ug/l	99
59) 2-Hexanone	9.433	43	2704	1.071	ug/l	98
60) Dibromochloromethane	9.525	129	531	0.200	ug/l	97
61) 1,2-Dibromoethane	9.616	107	501	0.200	ug/l	96
64) Tetrachloroethene	9.275	164	486	0.240	ug/l #	70
65) Chlorobenzene	10.079	112	1407	0.235	ug/l #	88
66) 1,1,1,2-Tetrachloroethane	10.165	131	512	0.221	ug/l #	65
67) Ethyl Benzene	10.201	91	2359	0.215	ug/l	95
68) m/p-Xylenes	10.305	106	1762	0.431	ug/l	95
69) o-Xylene	10.640	106	892	0.219	ug/l	99
70) Styrene	10.659	104	1420	0.211	ug/l	94
71) Bromoform	10.799	173	339	0.181	ug/l #	29
73) Isopropylbenzene	10.963	105	2310	0.224	ug/l	97
74) N-amyl acetate	10.841	43	1248	0.260	ug/l #	75
75) 1,1,2,2-Tetrachloroethane	11.213	83	846	0.243	ug/l #	88
76) 1,2,3-Trichloropropane	11.079	75	71804	24.512	ug/l #	39
77) Bromobenzene	11.201	156	456	0.194	ug/l	67
78) n-propylbenzene	11.305	91	2764	0.232	ug/l	93
79) 2-Chlorotoluene	11.366	91	1740	0.241	ug/l	92
80) 1,3,5-Trimethylbenzene	11.451	105	1875	0.217	ug/l	90
81) trans-1,4-Dichloro-2-b...	11.079	75	71804	55.557	ug/l #	5
82) 4-Chlorotoluene	11.457	91	1991	0.242	ug/l	98
83) tert-Butylbenzene	11.713	119	1936	0.229	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	1814	0.210	ug/l	85
85) sec-Butylbenzene	11.890	105	2272	0.215	ug/l	100
86) p-Isopropyltoluene	12.006	119	1832	0.211	ug/l #	71
87) 1,3-Dichlorobenzene	11.969	146	1179	0.271	ug/l	90
88) 1,4-Dichlorobenzene	11.969	146	1179	0.273	ug/l	91
89) n-Butylbenzene	12.335	91	1696	0.218	ug/l	97
90) Hexachloroethane	12.536	117	363	0.206	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	926	0.221	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	146	0.180	ug/l	95
93) 1,2,4-Trichlorobenzene	13.585	180	649	0.251	ug/l	89
94) Hexachlorobutadiene	13.719	225	243	0.227	ug/l	89
95) Naphthalene	13.780	128	2324	0.258	ug/l #	94
96) 1,2,3-Trichlorobenzene	13.963	180	640	0.251	ug/l	92

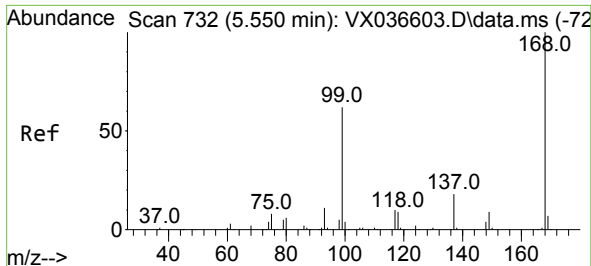
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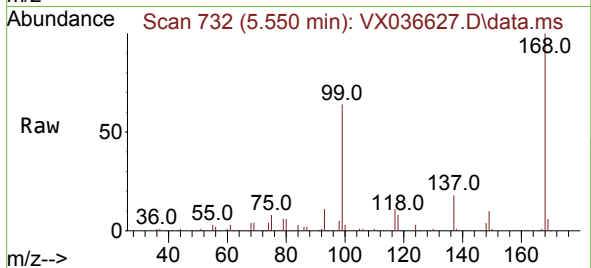
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

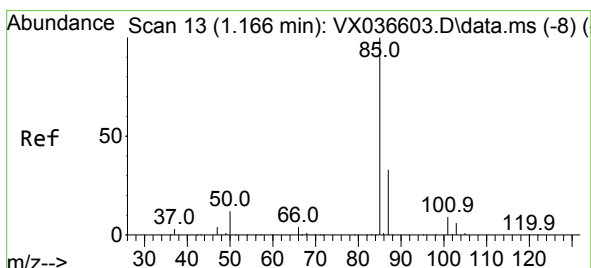
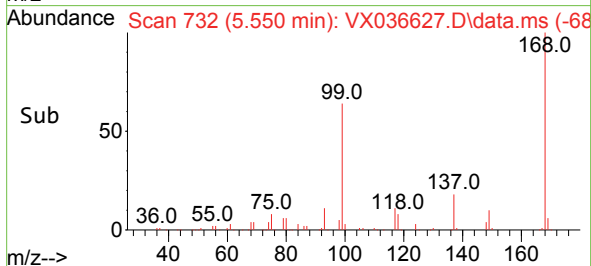
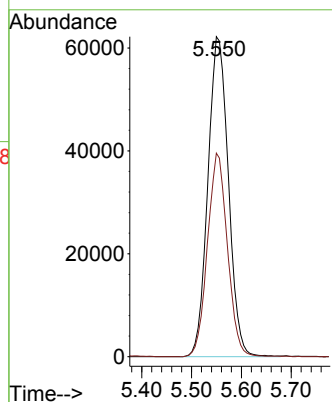


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX036627.D
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Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2023

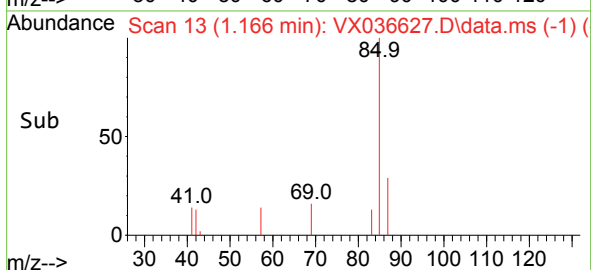
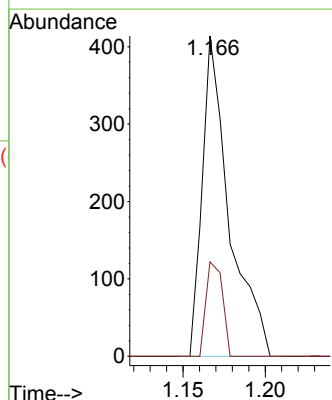
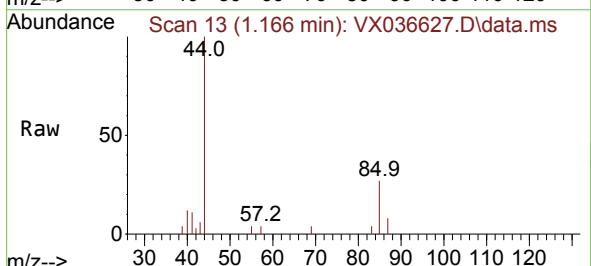


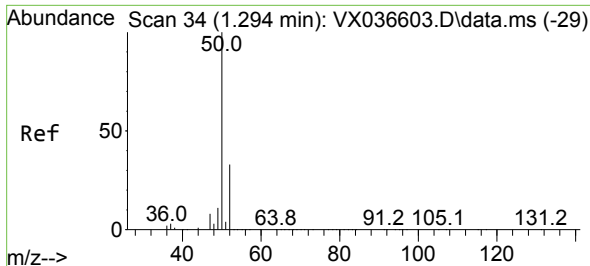
Tgt Ion:168 Resp: 177479
Ion Ratio Lower Upper
168 100
99 63.6 56.6 85.0



#2
Dichlorodifluoromethane
Concen: 0.201 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX036627.D
Acq: 24 Jul 2023 13:20

Tgt Ion: 85 Resp: 471
Ion Ratio Lower Upper
85 100
87 29.5 16.7 50.1

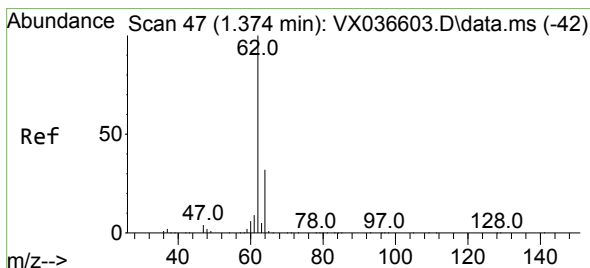
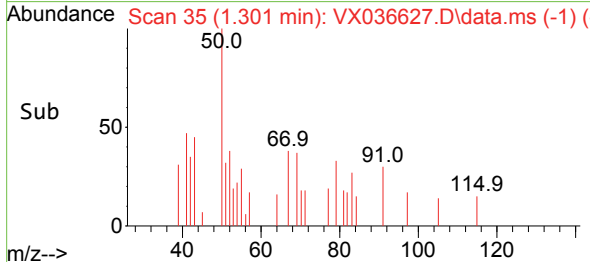
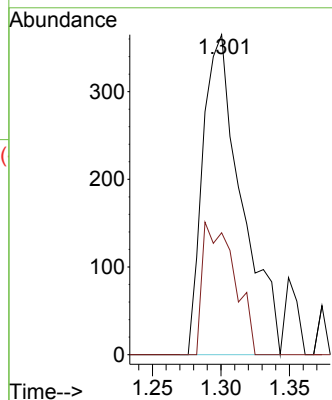
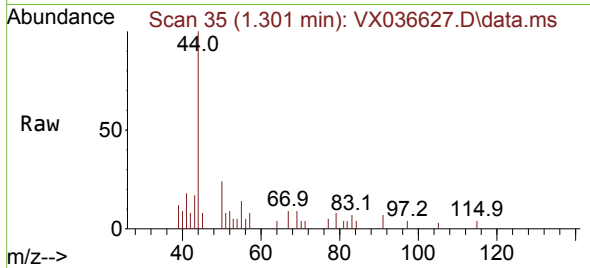




#3
Chloromethane
Concen: 0.335 ug/l
RT: 1.301 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX036627.D
Acq: 24 Jul 2023 13:20

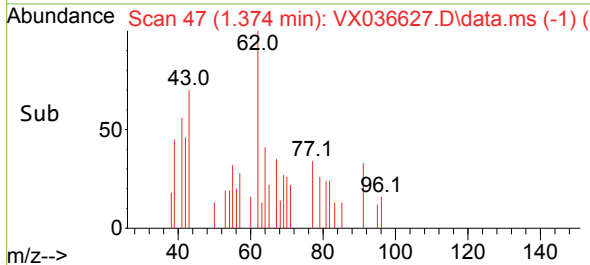
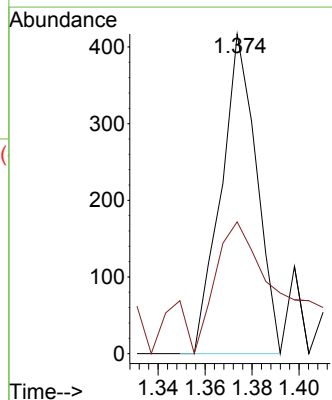
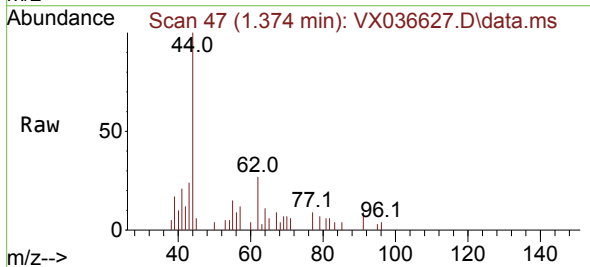
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ClientSampleId :
MDL-WATER-03-QT3-2023

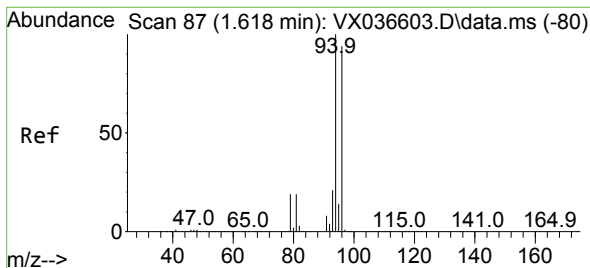
Tgt Ion: 50 Resp: 715
Ion Ratio Lower Upper
50 100
52 38.1 25.5 38.3



#4
Vinyl Chloride
Concen: 0.200 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX036627.D
Acq: 24 Jul 2023 13:20

Tgt Ion: 62 Resp: 435
Ion Ratio Lower Upper
62 100
64 24.7 25.4 38.0#





#5

Bromomethane

Concen: 0.534 ug/l

RT: 1.618 min Scan# 81

Delta R.T. 0.000 min

Lab File: VX036627.D

Acq: 24 Jul 2023 13:20

Instrument :

MSVOA_X

ClientSampleId :

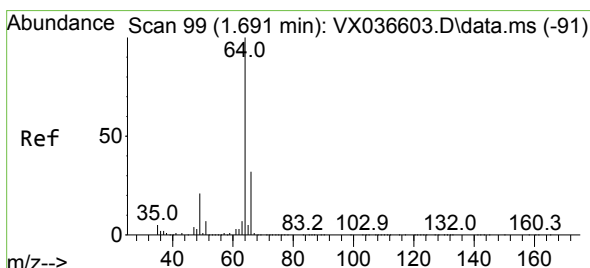
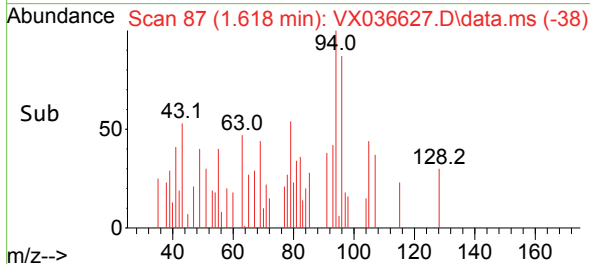
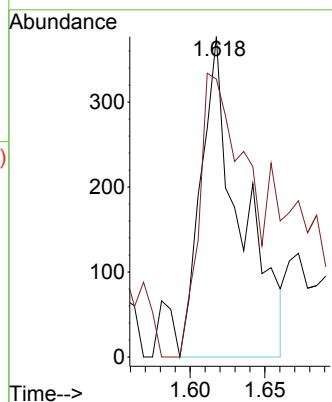
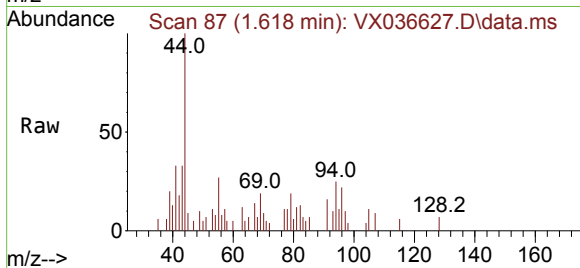
MDL-WATER-03-QT3-2023

Tgt Ion: 94 Resp: 692

Ion Ratio Lower Upper

94 100

96 86.7 74.6 111.8



#6

Chloroethane

Concen: 0.449 ug/l

RT: 1.691 min Scan# 99

Delta R.T. 0.000 min

Lab File: VX036627.D

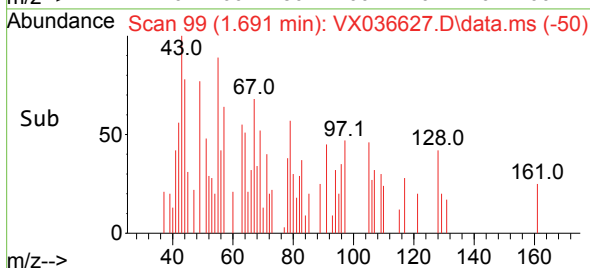
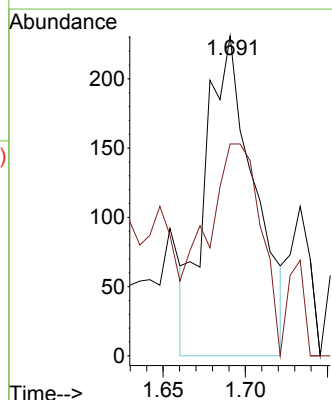
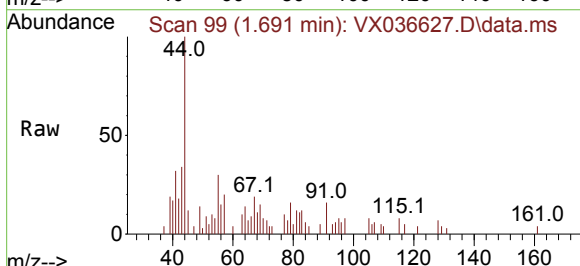
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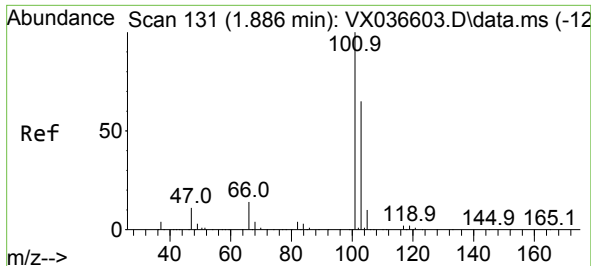
Tgt Ion: 64 Resp: 474

Ion Ratio Lower Upper

64 100

66 92.2 25.1 37.7#

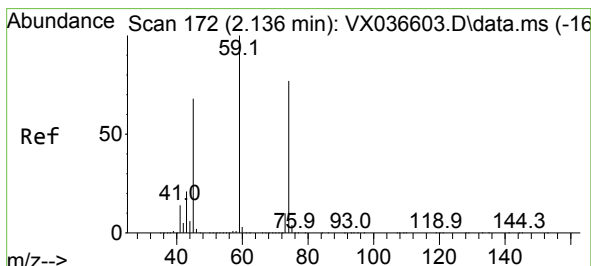
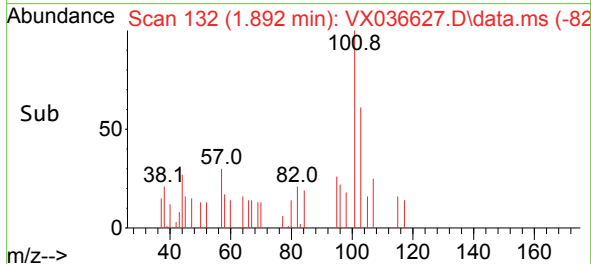
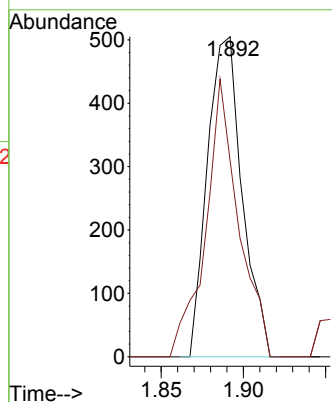
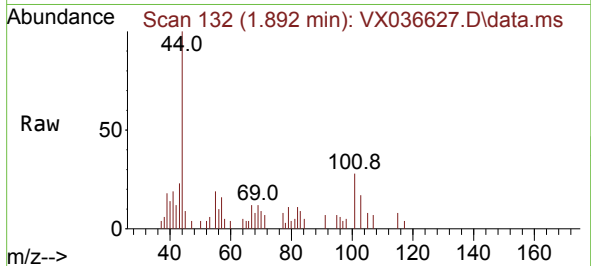




#7
Trichlorofluoromethane
Concen: 0.222 ug/l
RT: 1.892 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX036627.D
Acq: 24 Jul 2023 13:20

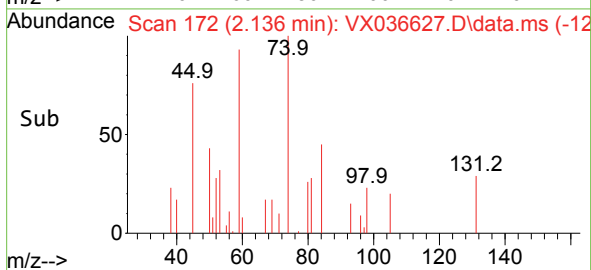
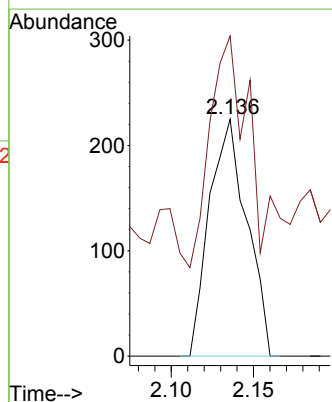
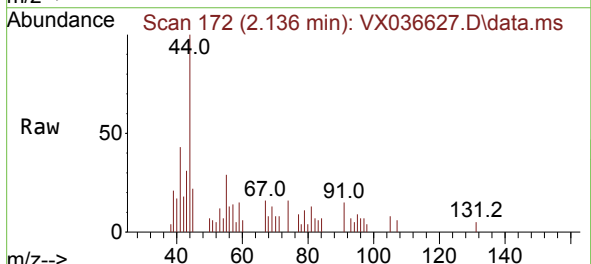
Instrument :
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MDL-WATER-03-QT3-2023

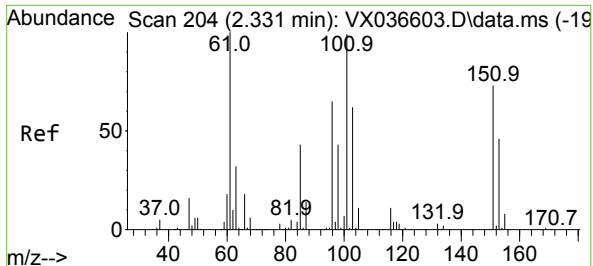
Tgt Ion:101 Resp: 743
Ion Ratio Lower Upper
101 100
103 61.2 51.4 77.2



#8
Diethyl Ether
Concen: 0.275 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX036627.D
Acq: 24 Jul 2023 13:20

Tgt Ion: 74 Resp: 357
Ion Ratio Lower Upper
74 100
45 105.3 53.3 159.8

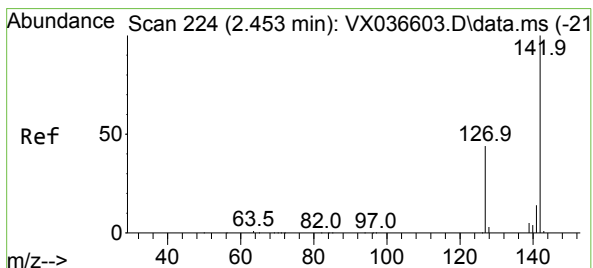
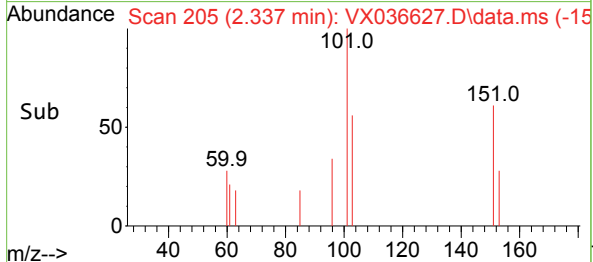
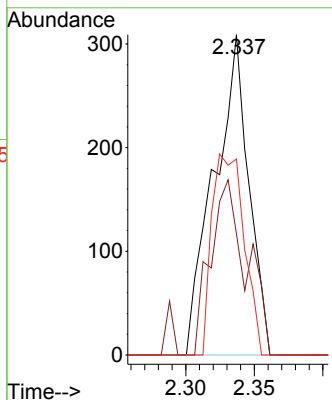
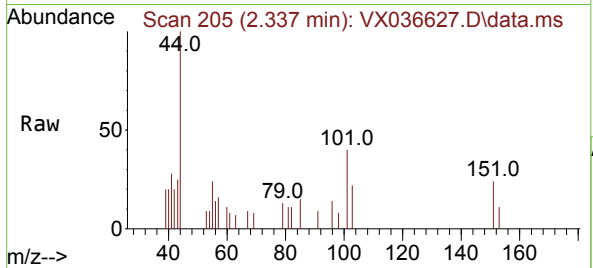




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.270 ug/l
RT: 2.337 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX036627.D
Acq: 24 Jul 2023 13:20

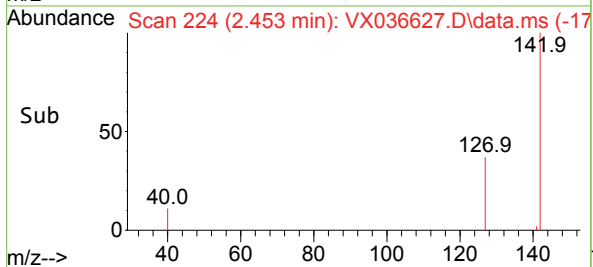
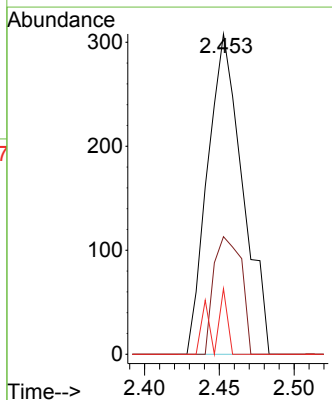
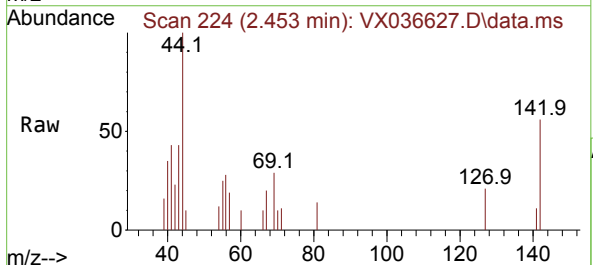
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2023

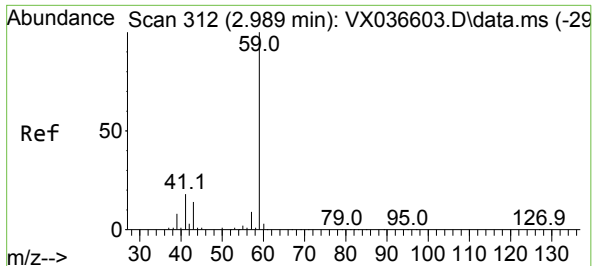
Tgt Ion:101 Resp: 543
Ion Ratio Lower Upper
101 100
85 56.9 37.0 55.6#
151 58.2 58.6 87.8#



#10
Methyl Iodide
Concen: 0.239 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX036627.D
Acq: 24 Jul 2023 13:20

Tgt Ion:142 Resp: 500
Ion Ratio Lower Upper
142 100
127 29.0 41.6 62.4#
141 3.8 11.6 17.4#





#11

Tert butyl alcohol

Concen: 1.467 ug/l

RT: 2.995 min Scan# 312

Delta R.T. 0.006 min

Lab File: VX036627.D

Acq: 24 Jul 2023 13:20

Instrument :

MSVOA_X

ClientSampleId :

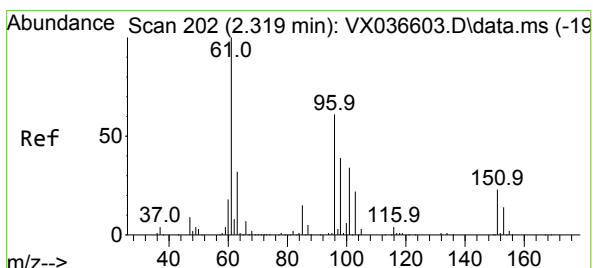
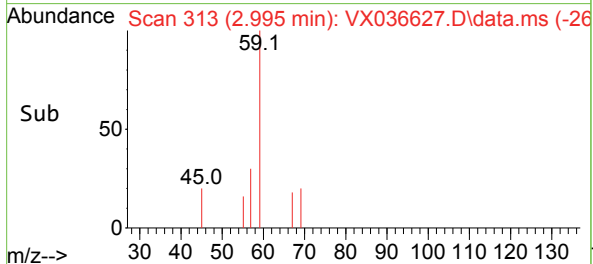
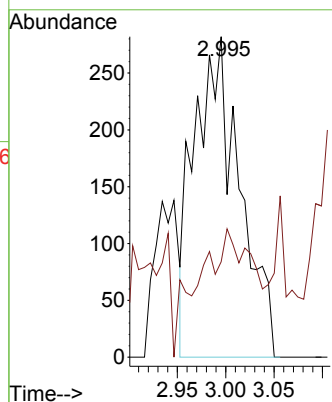
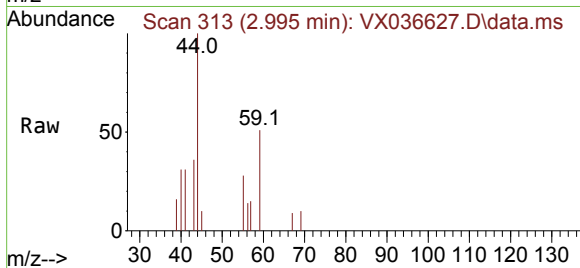
MDL-WATER-03-QT3-2023

Tgt Ion: 59 Resp: 912

Ion Ratio Lower Upper

59 100

57 15.7 6.0 9.0#



#12

1,1-Dichloroethene

Concen: 0.299 ug/l

RT: 2.319 min Scan# 202

Delta R.T. 0.000 min

Lab File: VX036627.D

Acq: 24 Jul 2023 13:20

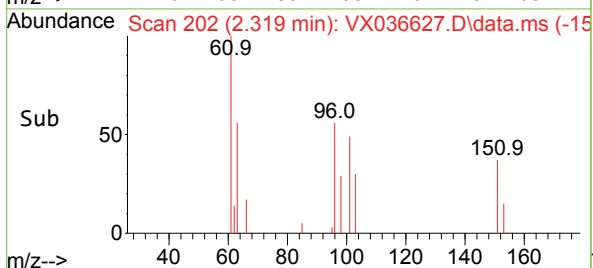
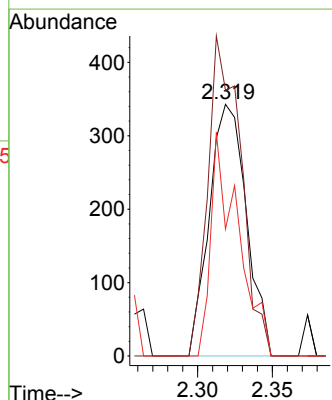
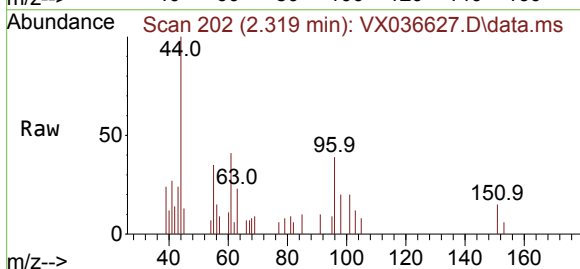
Tgt Ion: 96 Resp: 594

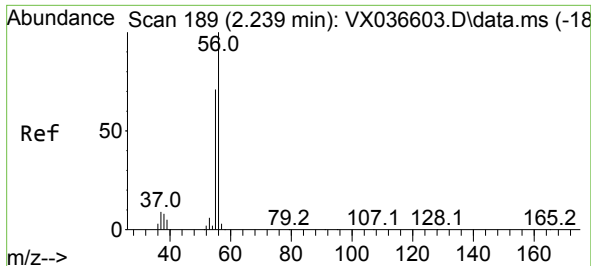
Ion Ratio Lower Upper

96 100

61 105.5 144.6 216.8#

98 50.4 50.4 75.6





#13

Acrolein

Concen: 1.849 ug/l

RT: 2.239 min Scan# 189

Delta R.T. 0.000 min

Lab File: VX036627.D

Acq: 24 Jul 2023 13:20

Instrument :

MSVOA_X

ClientSampleId :

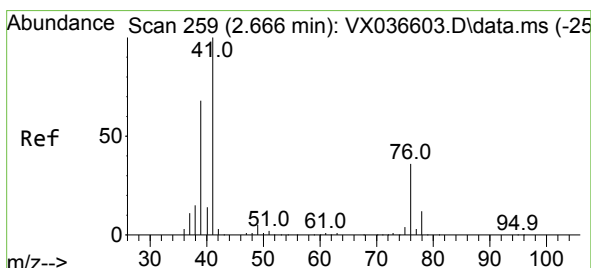
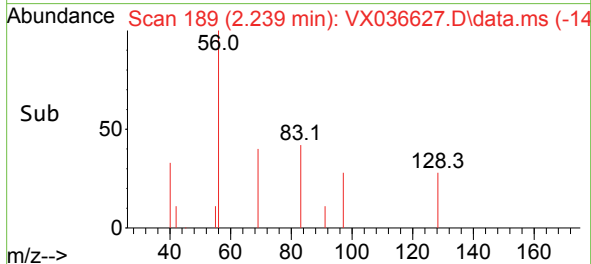
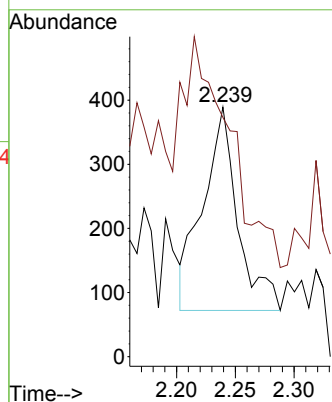
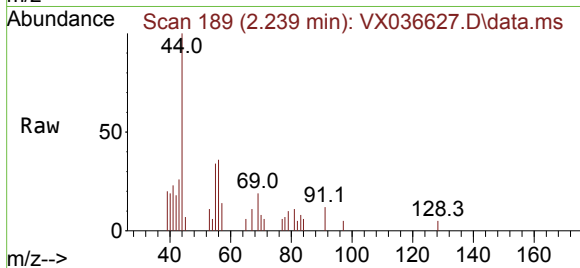
MDL-WATER-03-QT3-2023

Tgt Ion: 56 Resp: 656

Ion Ratio Lower Upper

56 100

55 0.0 57.1 85.7#



#14

Allyl chloride

Concen: 0.240 ug/l

RT: 2.666 min Scan# 259

Delta R.T. 0.000 min

Lab File: VX036627.D

Acq: 24 Jul 2023 13:20

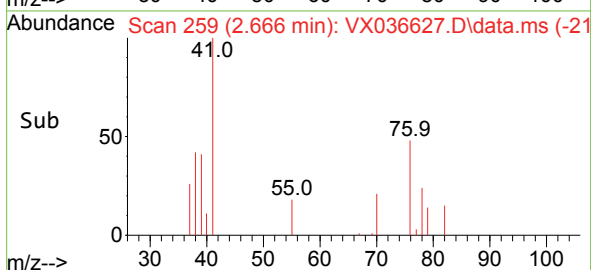
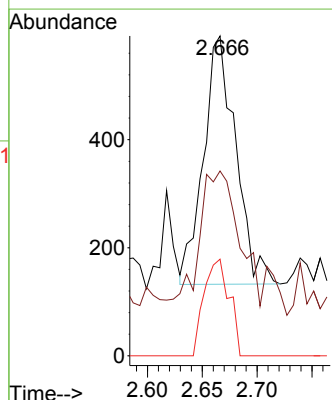
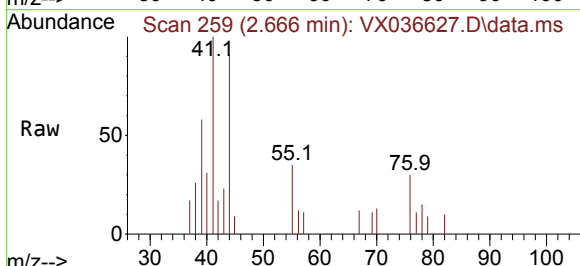
Tgt Ion: 41 Resp: 941

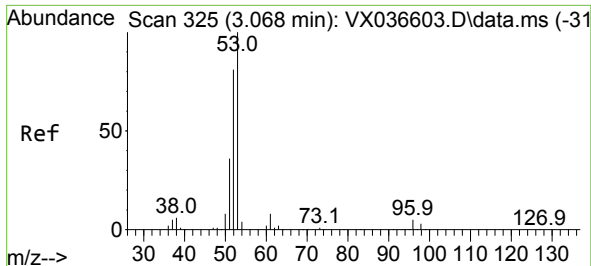
Ion Ratio Lower Upper

41 100

39 67.4 55.8 83.6

76 30.4 24.3 36.5

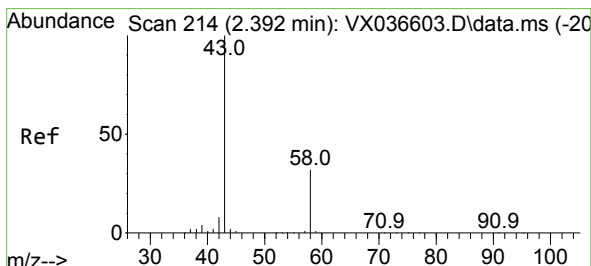
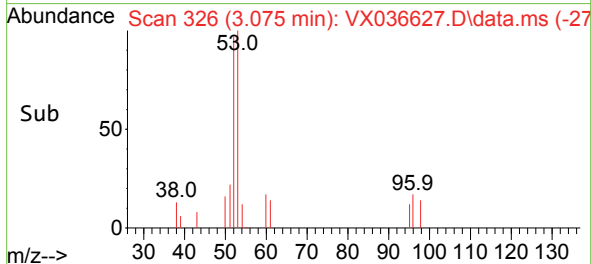
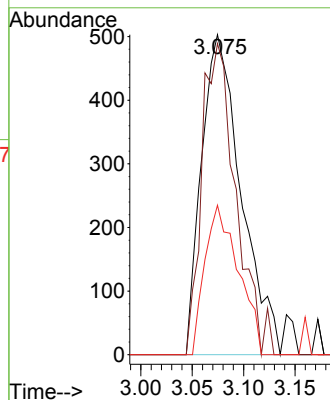
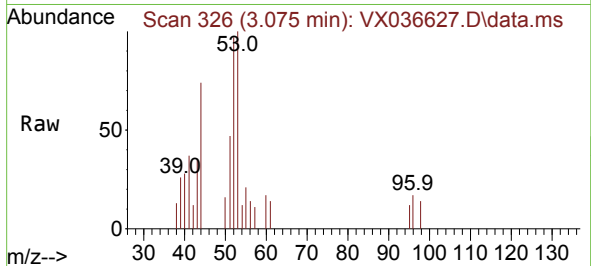




#15
 Acrylonitrile
 Concen: 1.078 ug/l
 RT: 3.075 min Scan# 31
 Delta R.T. 0.006 min
 Lab File: VX036627.D
 Acq: 24 Jul 2023 13:20

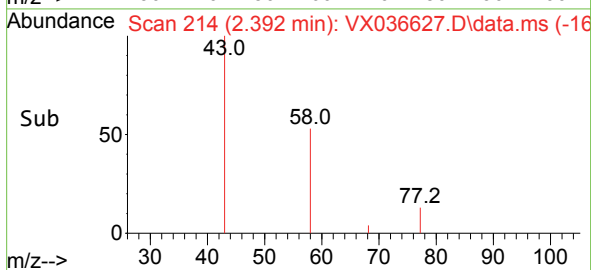
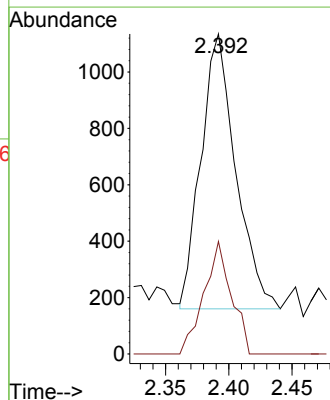
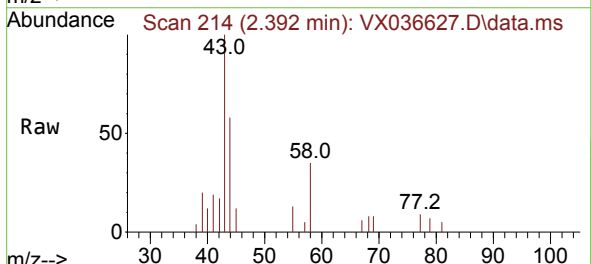
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT3-2023

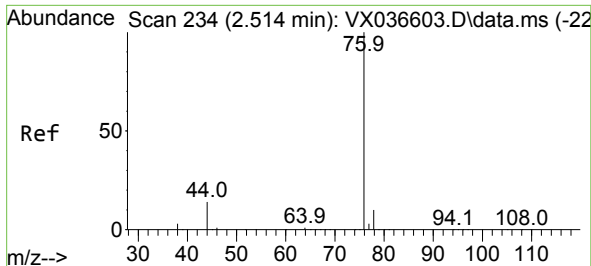
Tgt Ion:	53	Resp:	1348
Ion	Ratio	Lower	Upper
53	100		
52	83.7	66.0	99.0
51	39.6	29.8	44.6



#16
 Acetone
 Concen: 1.715 ug/l
 RT: 2.392 min Scan# 214
 Delta R.T. 0.000 min
 Lab File: VX036627.D
 Acq: 24 Jul 2023 13:20

Tgt Ion:	43	Resp:	1869
Ion	Ratio	Lower	Upper
43	100		
58	40.9	21.9	32.9





#17

Carbon Disulfide

Concen: 0.396 ug/l

RT: 2.514 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX036627.D

Acq: 24 Jul 2023 13:20

Instrument :

MSVOA_X

ClientSampleId :

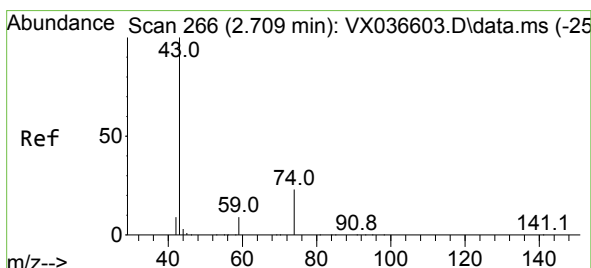
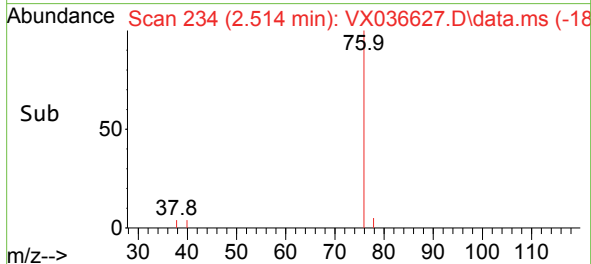
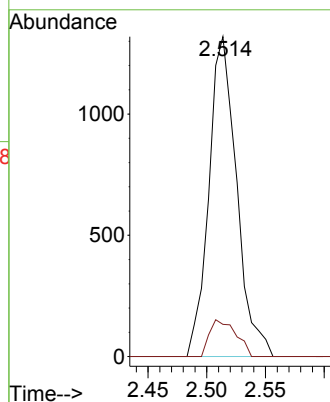
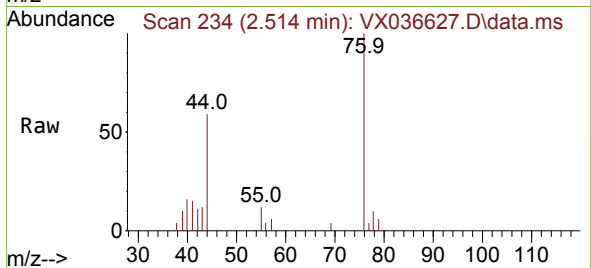
MDL-WATER-03-QT3-2023

Tgt Ion: 76 Resp: 2171

Ion Ratio Lower Upper

76 100

78 10.1 7.0 10.6



#18

Methyl Acetate

Concen: 0.253 ug/l

RT: 2.709 min Scan# 266

Delta R.T. 0.000 min

Lab File: VX036627.D

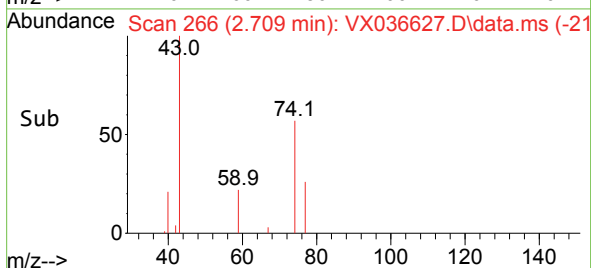
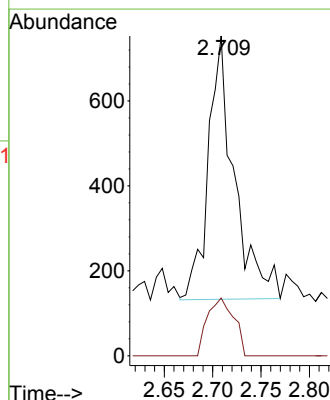
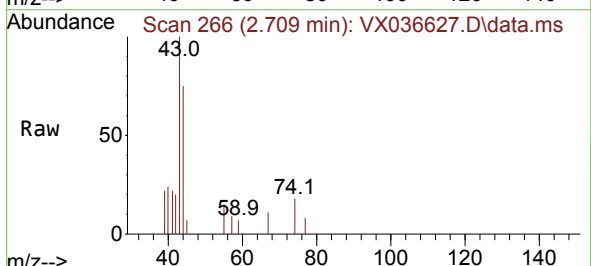
Acq: 24 Jul 2023 13:20

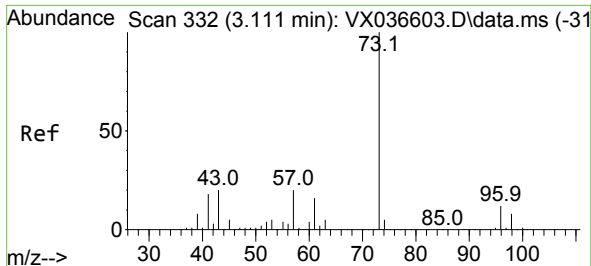
Tgt Ion: 43 Resp: 1162

Ion Ratio Lower Upper

43 100

74 22.3 17.8 26.8

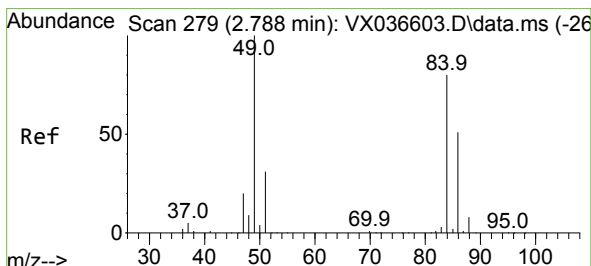
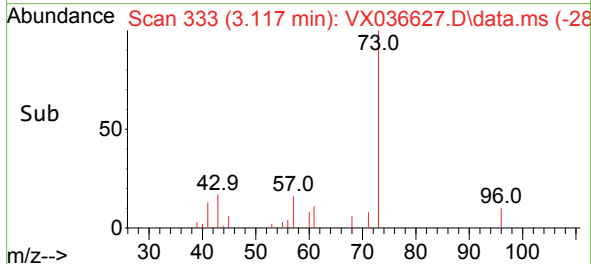
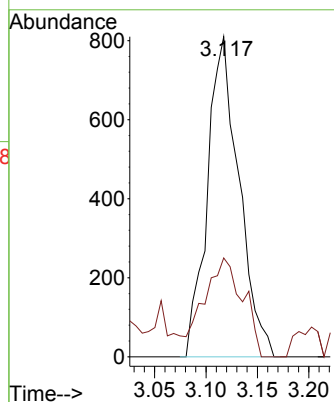
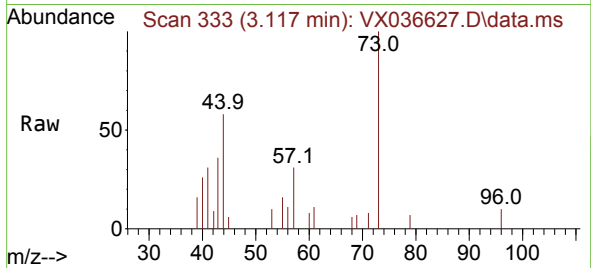




#19
Methyl tert-butyl Ether
Concen: 0.232 ug/l
RT: 3.117 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX036627.D
Acq: 24 Jul 2023 13:20

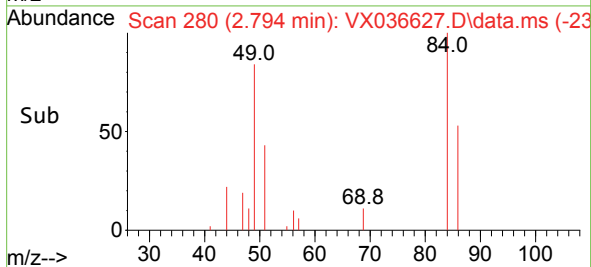
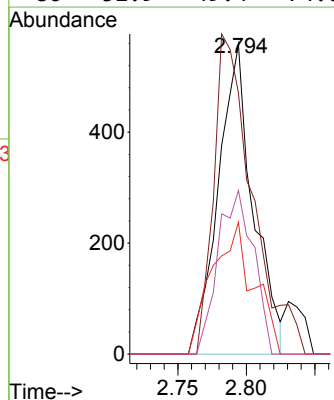
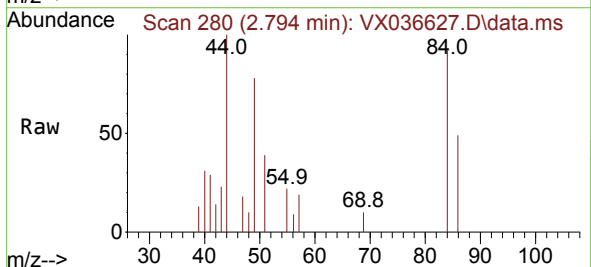
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2023

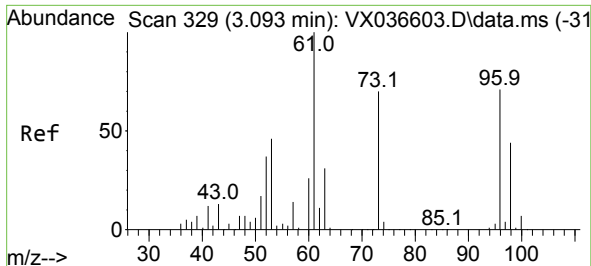
Tgt Ion: 73 Resp: 1731
Ion Ratio Lower Upper
73 100
57 30.9 17.3 25.9#



#20
Methylene Chloride
Concen: 0.409 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX036627.D
Acq: 24 Jul 2023 13:20

Tgt Ion: 84 Resp: 992
Ion Ratio Lower Upper
84 100
49 84.4 103.6 155.4#
51 42.7 33.8 50.6
86 52.9 49.4 74.0

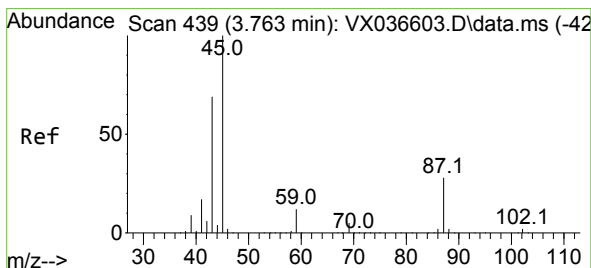
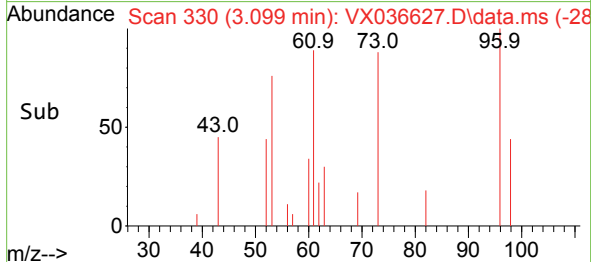
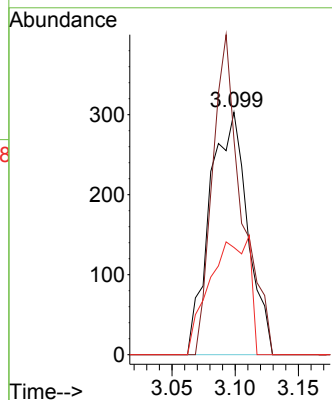
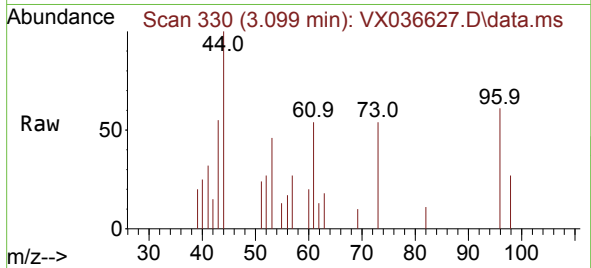




#21
trans-1,2-Dichloroethene
Concen: 0.283 ug/l
RT: 3.099 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX036627.D
Acq: 24 Jul 2023 13:20

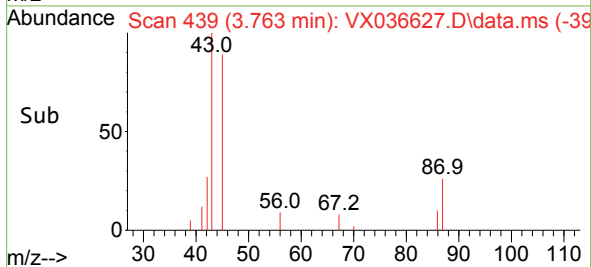
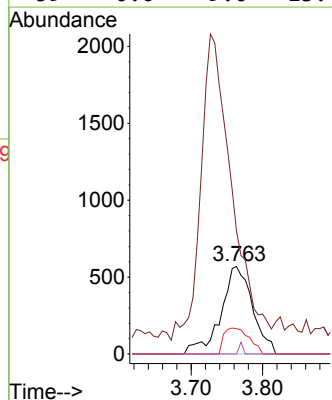
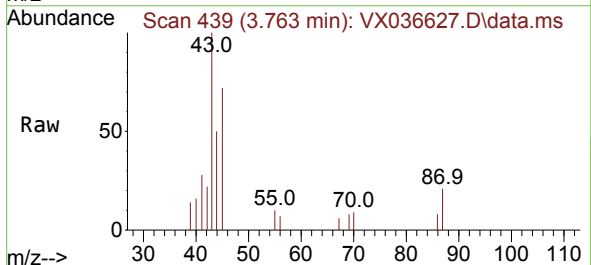
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2023

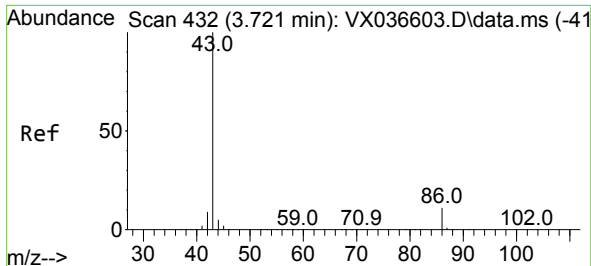
Tgt Ion: 96 Resp: 629
Ion Ratio Lower Upper
96 100
61 88.8 119.2 178.8#
98 44.2 48.7 73.1#



#22
Diisopropyl ether
Concen: 0.236 ug/l
RT: 3.763 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX036627.D
Acq: 24 Jul 2023 13:20

Tgt Ion: 45 Resp: 1752
Ion Ratio Lower Upper
45 100
43 109.5 69.7 104.5#
87 28.9 20.8 31.2
59 0.0 9.0 13.4#

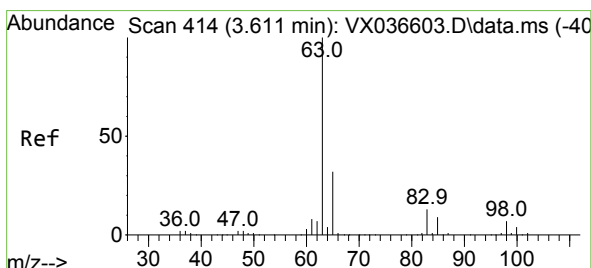
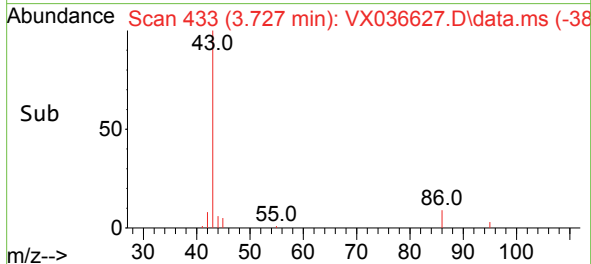
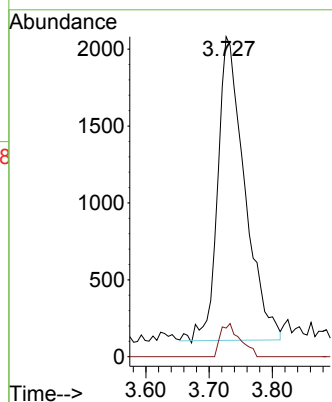
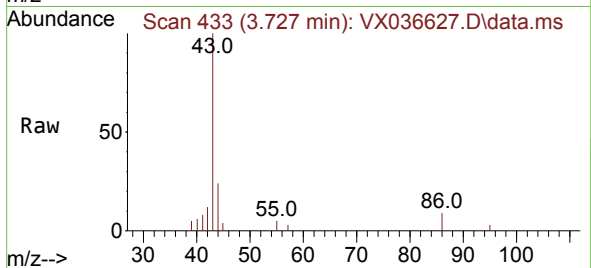




#23
 Vinyl Acetate
 Concen: 1.025 ug/l
 RT: 3.727 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: VX036627.D
 Acq: 24 Jul 2023 13:20

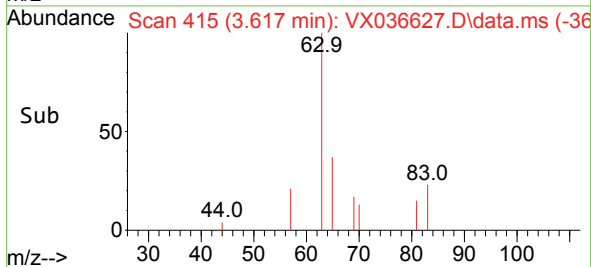
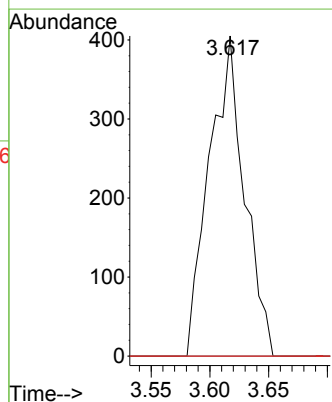
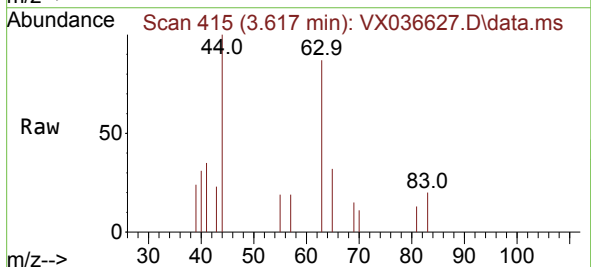
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT3-2023

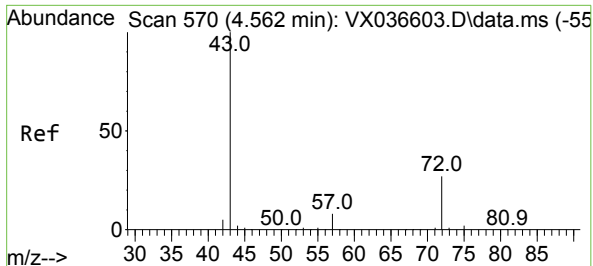
Tgt Ion: 43 Resp: 5840
 Ion Ratio Lower Upper
 43 100
 86 9.5 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 0.202 ug/l
 RT: 3.617 min Scan# 415
 Delta R.T. 0.006 min
 Lab File: VX036627.D
 Acq: 24 Jul 2023 13:20

Tgt Ion: 63 Resp: 842
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.3 9.8#
 100 0.0 2.1 6.5#

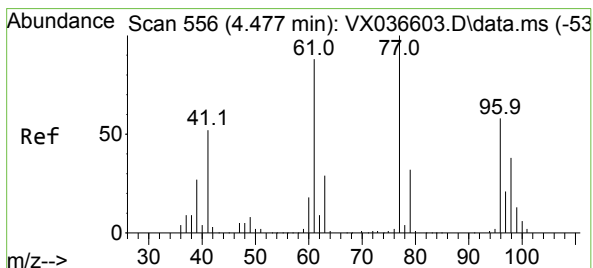
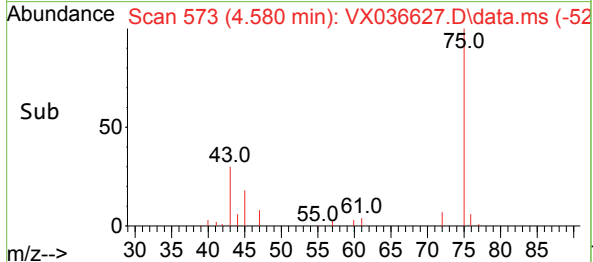
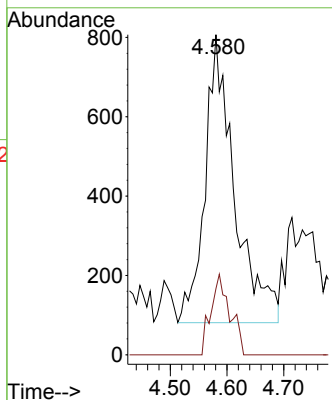
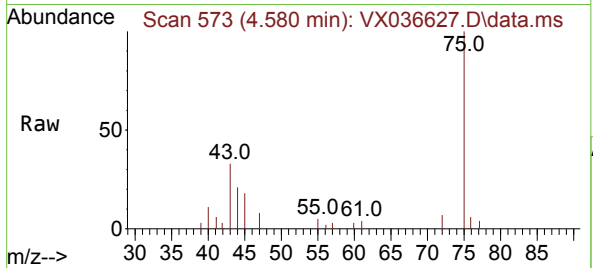




#25
2-Butanone
Concen: 1.480 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.018 min
Lab File: VX036627.D
Acq: 24 Jul 2023 13:20

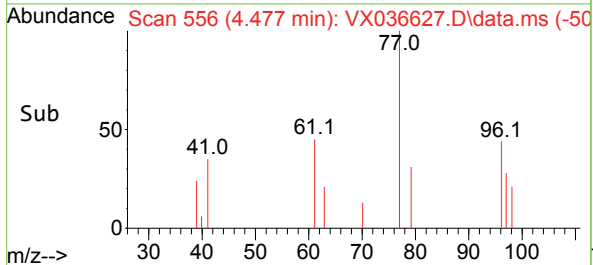
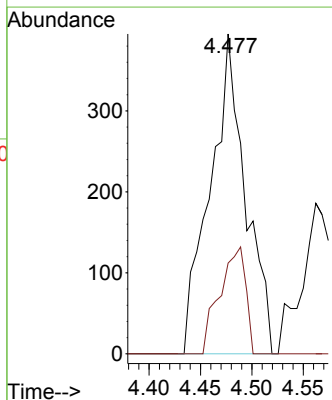
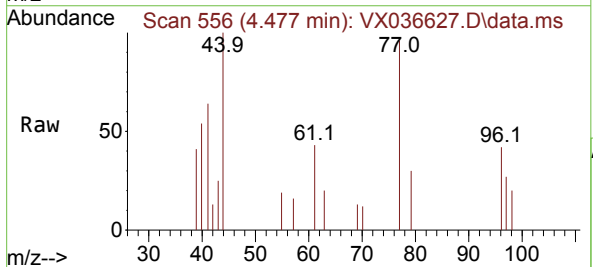
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2023

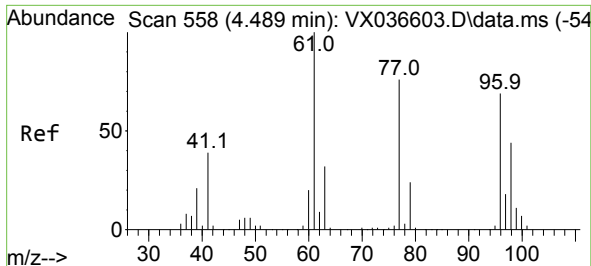
Tgt Ion: 43 Resp: 2617
Ion Ratio Lower Upper
43 100
72 23.0 19.4 29.2



#26
2,2-Dichloropropane
Concen: 0.240 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.000 min
Lab File: VX036627.D
Acq: 24 Jul 2023 13:20

Tgt Ion: 77 Resp: 943
Ion Ratio Lower Upper
77 100
97 24.6 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 0.259 ug/l

RT: 4.489 min Scan# 558

Delta R.T. 0.000 min

Lab File: VX036627.D

Acq: 24 Jul 2023 13:20

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT3-2023

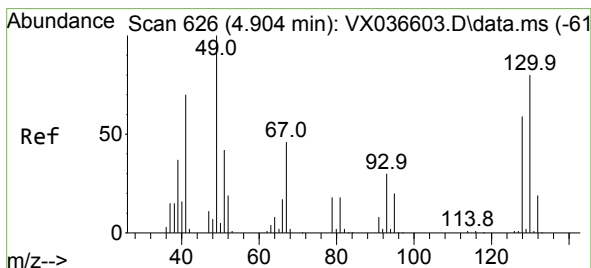
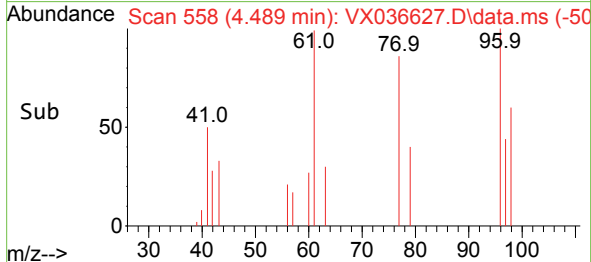
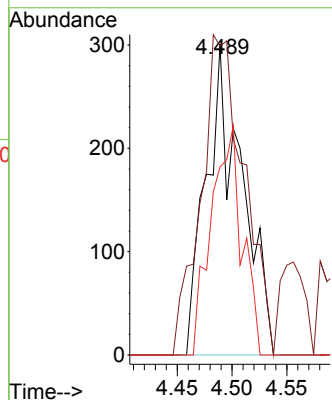
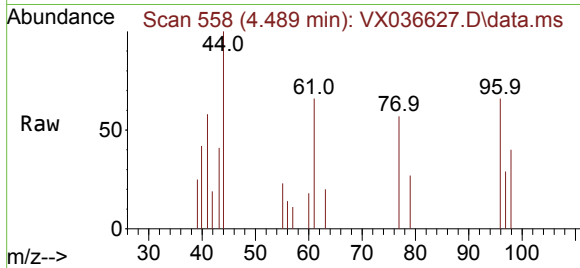
Tgt Ion: 96 Resp: 682

Ion Ratio Lower Upper

96 100

61 124.3 0.0 312.2

98 63.5 0.0 129.0



#28

Bromochloromethane

Concen: 0.176 ug/l

RT: 4.904 min Scan# 626

Delta R.T. 0.000 min

Lab File: VX036627.D

Acq: 24 Jul 2023 13:20

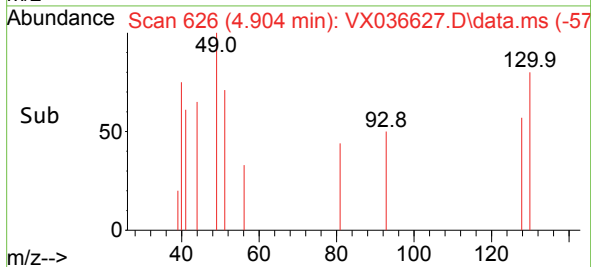
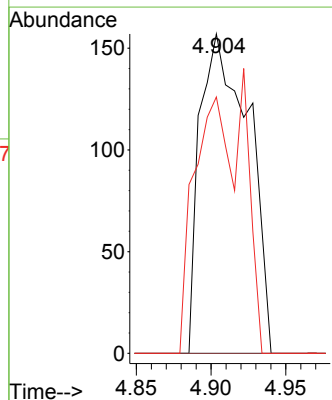
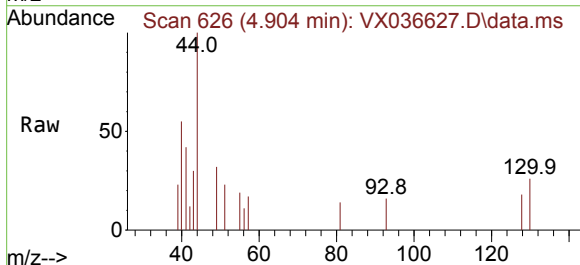
Tgt Ion: 49 Resp: 354

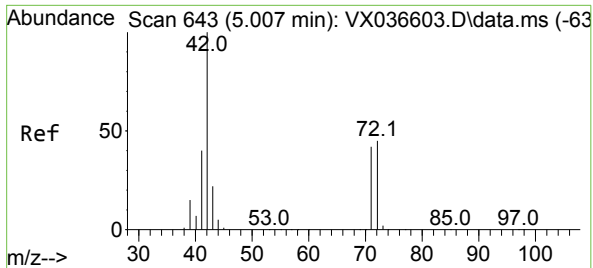
Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.8

130 82.8 57.5 86.3





#29

Tetrahydrofuran

Concen: 1.675 ug/l

RT: 5.032 min Scan# 64

Delta R.T. 0.024 min

Lab File: VX036627.D

Acq: 24 Jul 2023 13:20

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT3-2023

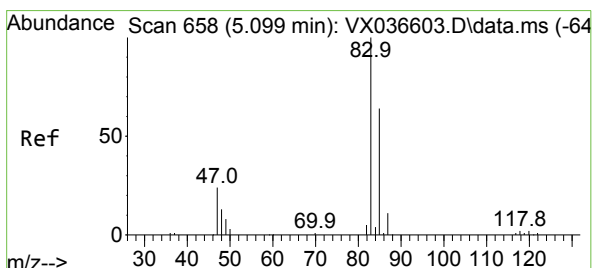
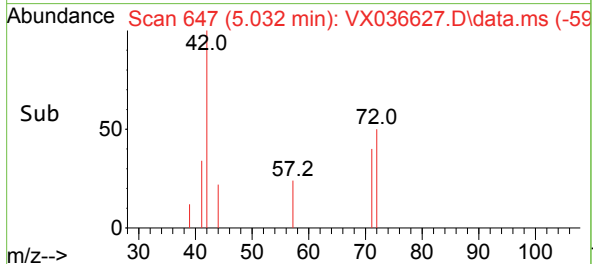
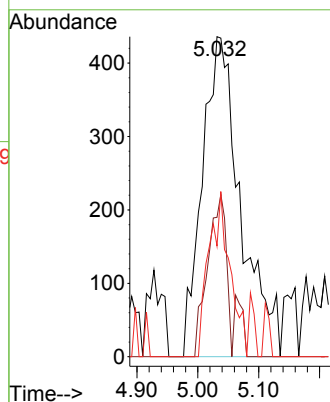
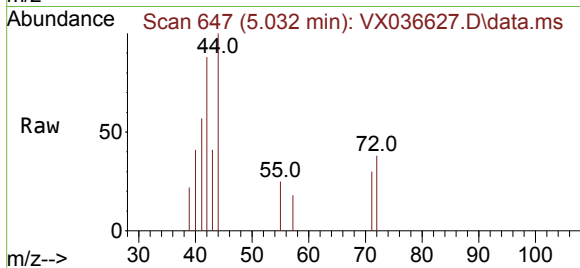
Tgt Ion: 42 Resp: 1909

Ion Ratio Lower Upper

42 100

72 24.5 34.2 51.4#

71 28.5 32.2 48.2#



#30

Chloroform

Concen: 0.264 ug/l

RT: 5.093 min Scan# 657

Delta R.T. -0.006 min

Lab File: VX036627.D

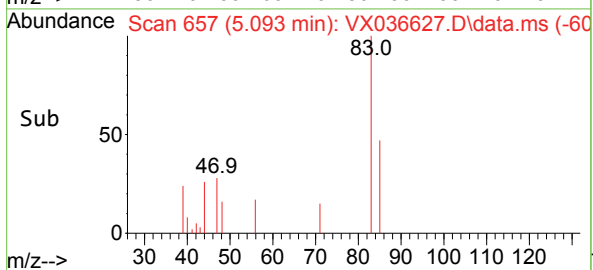
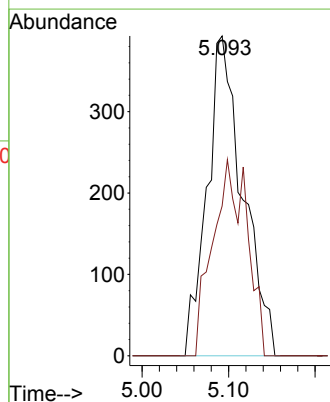
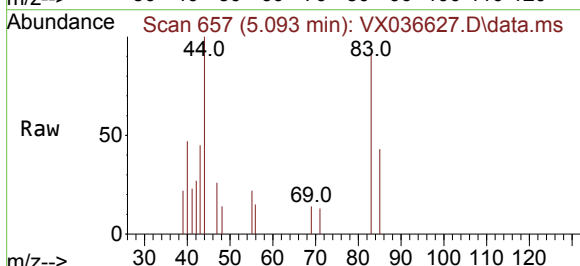
Acq: 24 Jul 2023 13:20

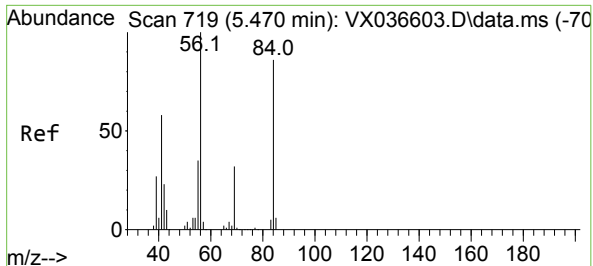
Tgt Ion: 83 Resp: 1124

Ion Ratio Lower Upper

83 100

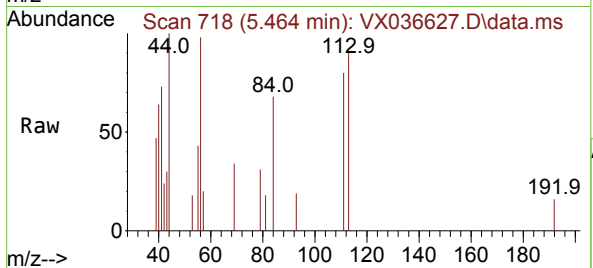
85 46.8 50.3 75.5#



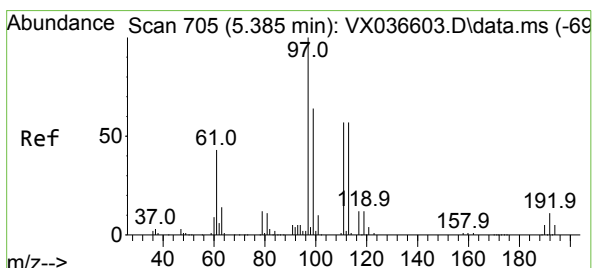
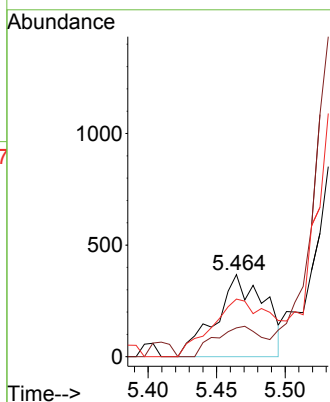
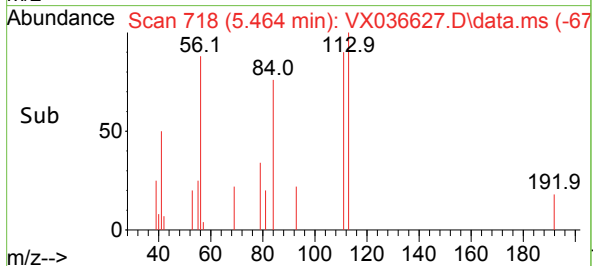


#31
Cyclohexane
Concen: 0.249 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.006 min
Lab File: VX036627.D
Acq: 24 Jul 2023 13:20

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2023

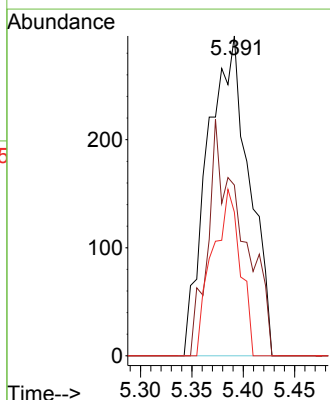
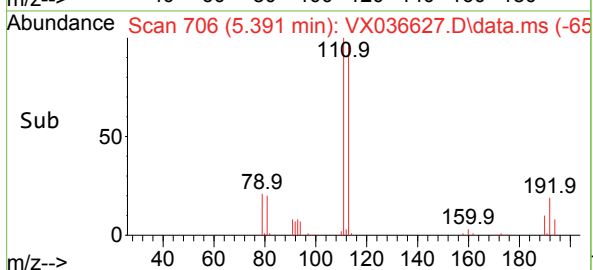
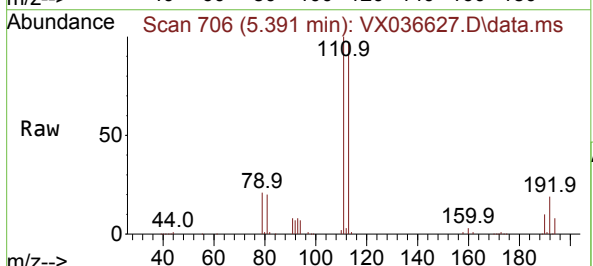


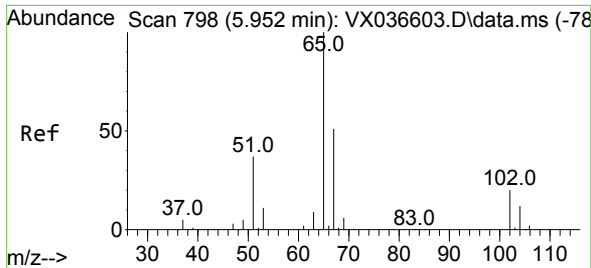
Tgt Ion:	56	Resp:	904
Ion	Ratio	Lower	Upper
56	100		
69	35.1	23.4	35.2
84	70.1	65.9	98.9



#32
1,1,1-Trichloroethane
Concen: 0.214 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX036627.D
Acq: 24 Jul 2023 13:20

Tgt Ion:	97	Resp:	835
Ion	Ratio	Lower	Upper
97	100		
99	0.0	51.1	76.7#
61	34.7	36.4	54.6#

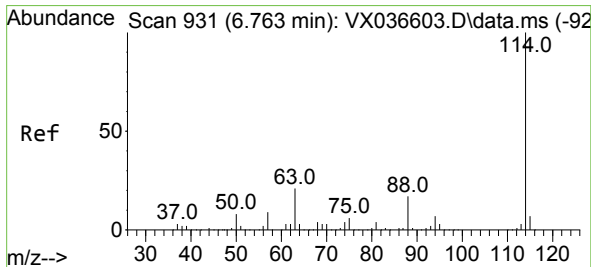
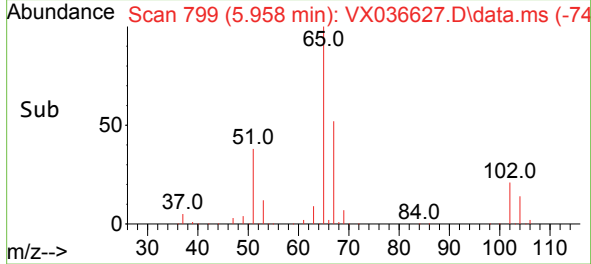
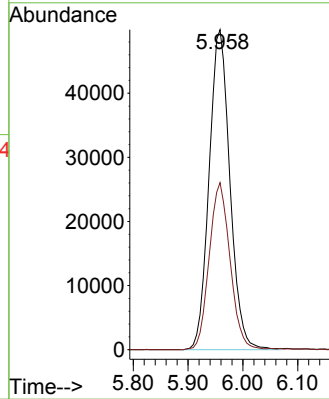
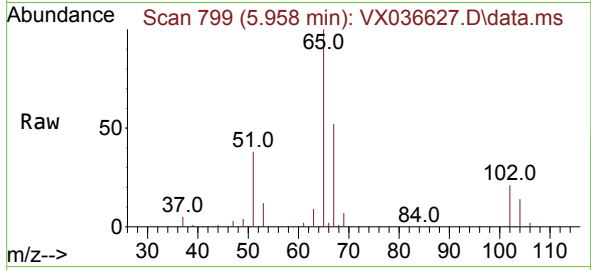




#33
1,2-Dichloroethane-d4
Concen: 50.071 ug/l
RT: 5.958 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX036627.D
Acq: 24 Jul 2023 13:20

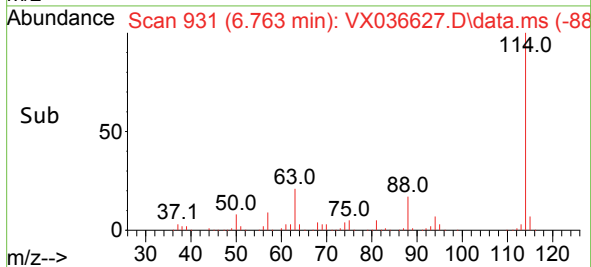
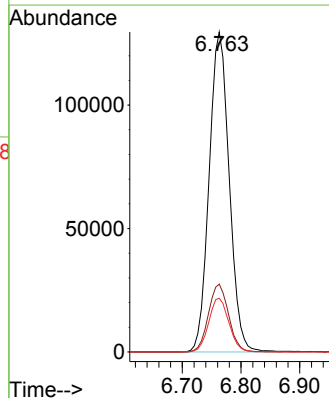
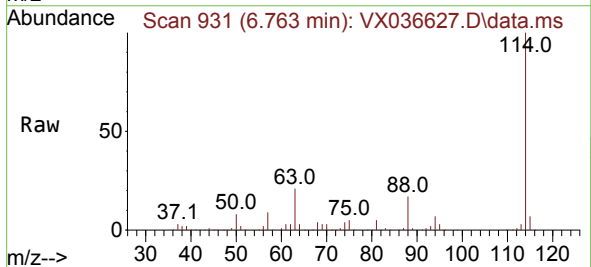
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2023

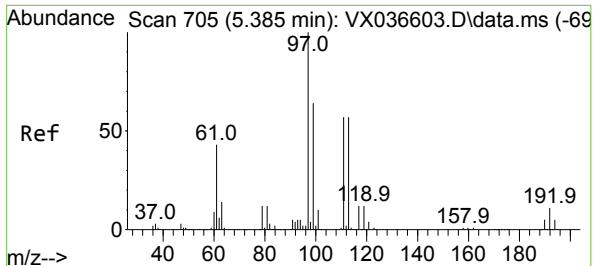
Tgt Ion: 65 Resp: 131489
Ion Ratio Lower Upper
65 100
67 52.2 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX036627.D
Acq: 24 Jul 2023 13:20

Tgt Ion: 114 Resp: 307898
Ion Ratio Lower Upper
114 100
63 21.2 0.0 45.0
88 16.8 0.0 36.6

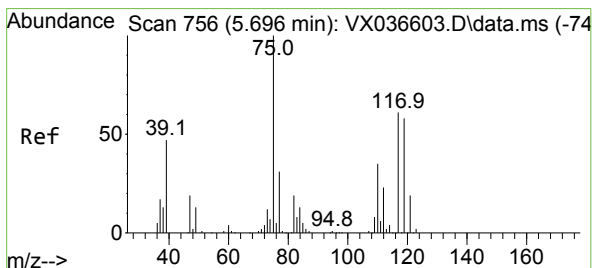
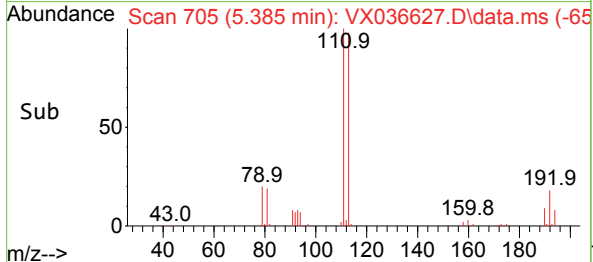
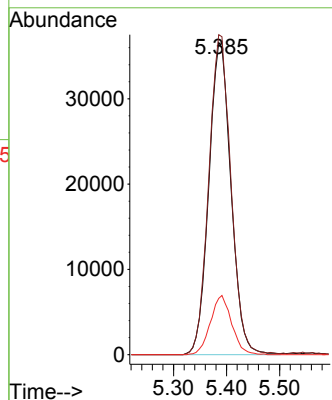
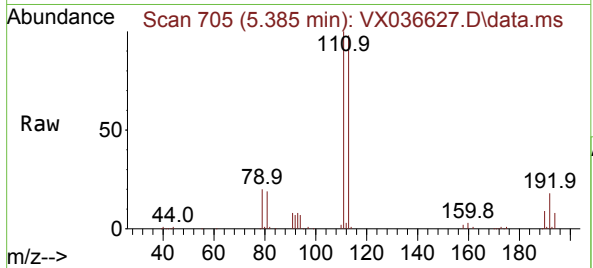




#35
Dibromofluoromethane
Concen: 50.147 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036627.D
Acq: 24 Jul 2023 13:20

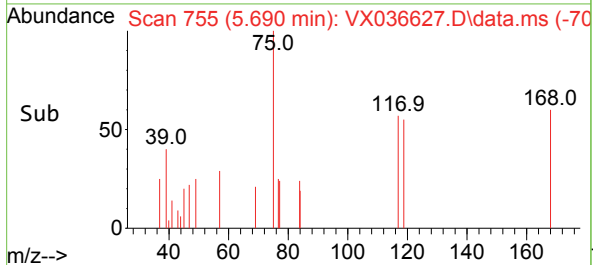
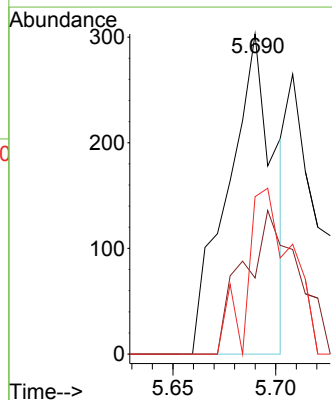
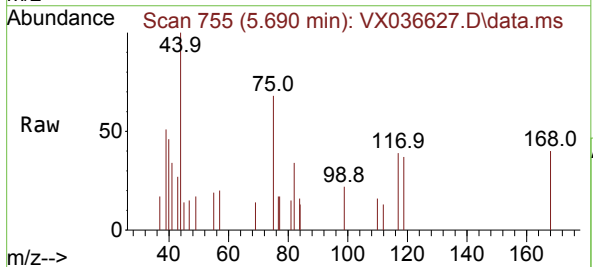
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2023

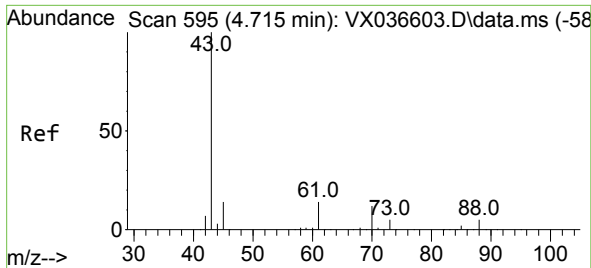
Tgt Ion:113 Resp: 106127
Ion Ratio Lower Upper
113 100
111 102.7 82.9 124.3
192 18.2 13.3 19.9



#36
1,1-Dichloropropene
Concen: 0.149 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.006 min
Lab File: VX036627.D
Acq: 24 Jul 2023 13:20

Tgt Ion: 75 Resp: 470
Ion Ratio Lower Upper
75 100
110 53.0 17.0 50.9#
77 49.6 24.7 37.1#





#37

Ethyl Acetate

Concen: 0.090 ug/l

RT: 4.715 min Scan# 595

Delta R.T. 0.000 min

Lab File: VX036627.D

Acq: 24 Jul 2023 13:20

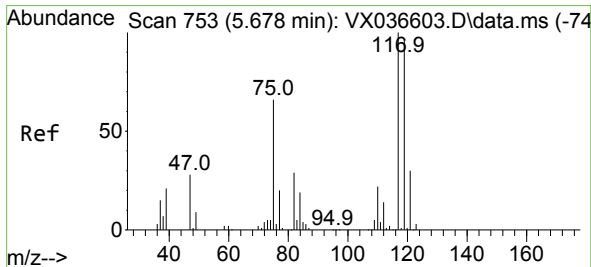
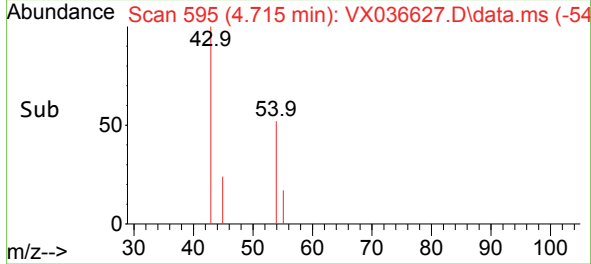
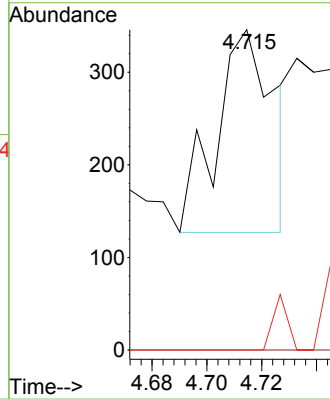
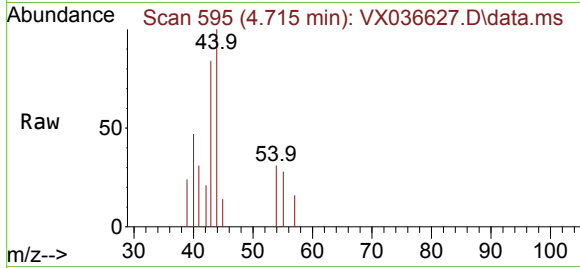
Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT3-2023

Tgt Ion:	43	Resp:	320
Ion	Ratio	Lower	Upper
43	100		
61	0.0	10.6	16.0#
70	6.9	8.3	12.5#



#38

Carbon Tetrachloride

Concen: 0.219 ug/l

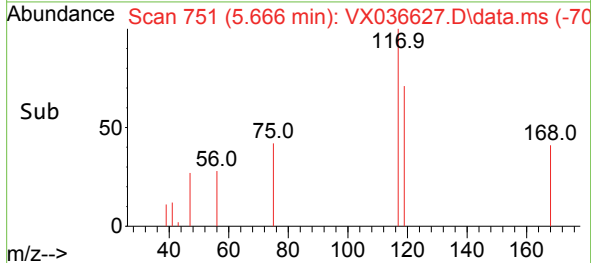
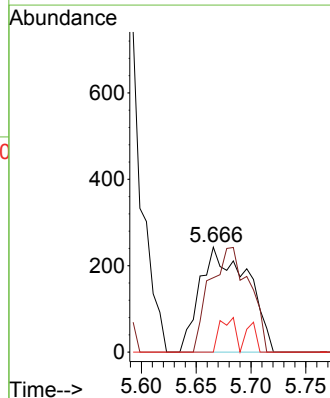
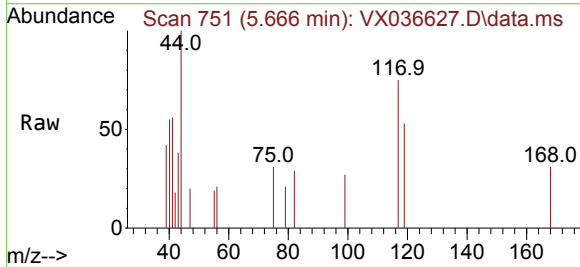
RT: 5.666 min Scan# 751

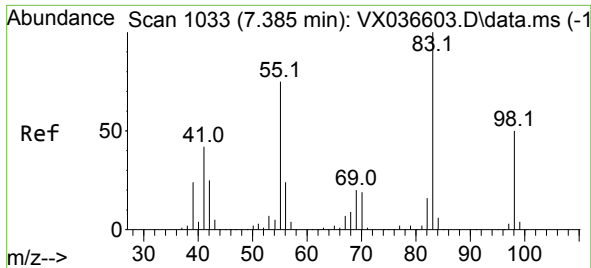
Delta R.T. -0.012 min

Lab File: VX036627.D

Acq: 24 Jul 2023 13:20

Tgt Ion:	117	Resp:	735
Ion	Ratio	Lower	Upper
117	100		
119	70.8	78.2	117.2#
121	0.0	24.4	36.6#

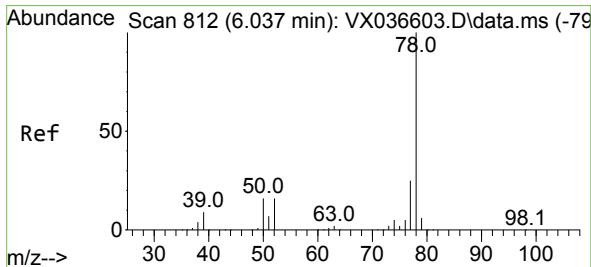
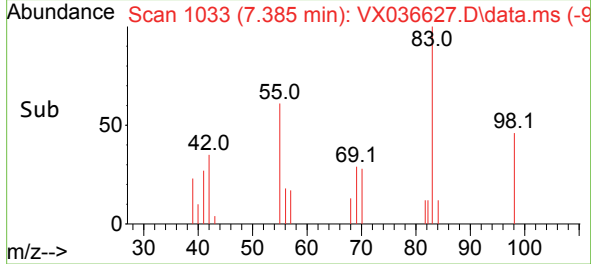
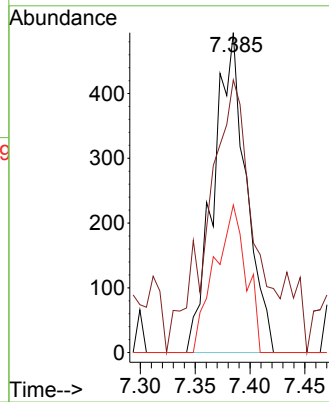
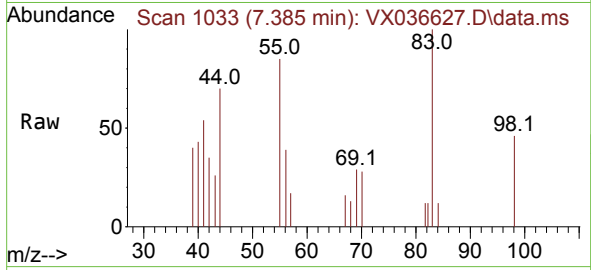




#39
Methylcyclohexane
Concen: 0.260 ug/l
RT: 7.385 min Scan# 1021
Delta R.T. 0.000 min
Lab File: VX036627.D
Acq: 24 Jul 2023 13:20

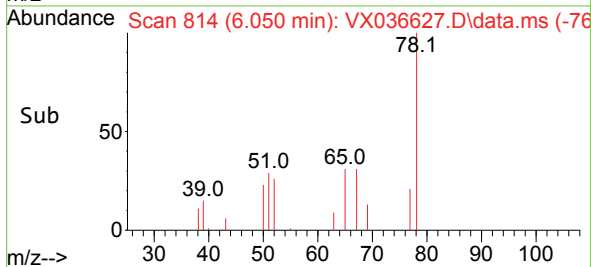
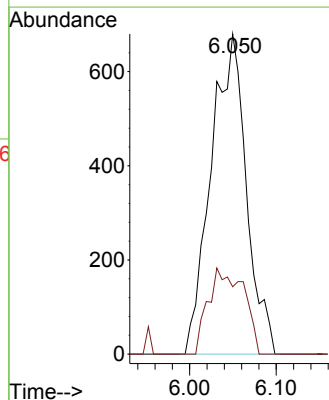
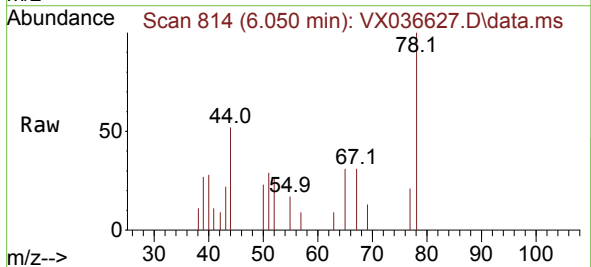
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2023

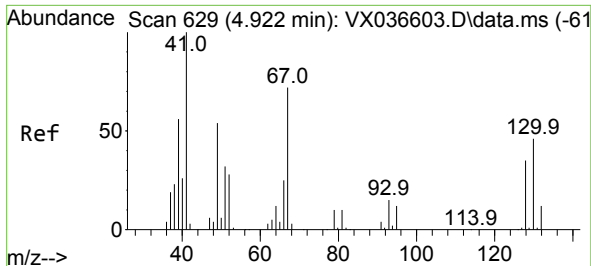
Tgt Ion: 83	Resp: 1021
Ion Ratio	Lower Upper
83 100	
55 72.3	64.6 97.0
98 46.2	36.7 55.1



#40
Benzene
Concen: 0.210 ug/l
RT: 6.050 min Scan# 814
Delta R.T. 0.012 min
Lab File: VX036627.D
Acq: 24 Jul 2023 13:20

Tgt Ion: 78	Resp: 1927
Ion Ratio	Lower Upper
78 100	
77 21.0	19.3 28.9

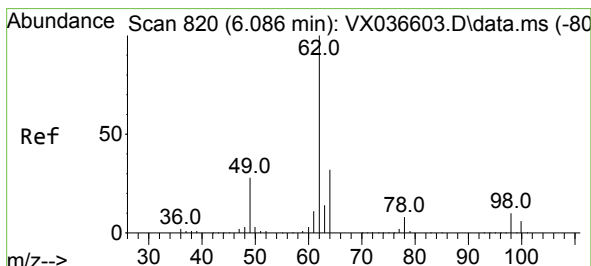
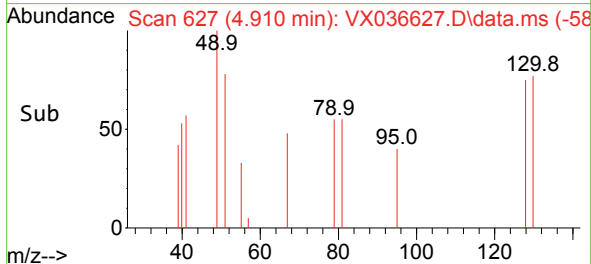
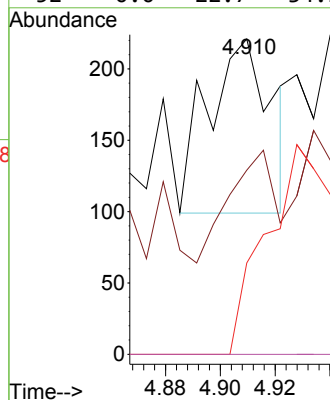
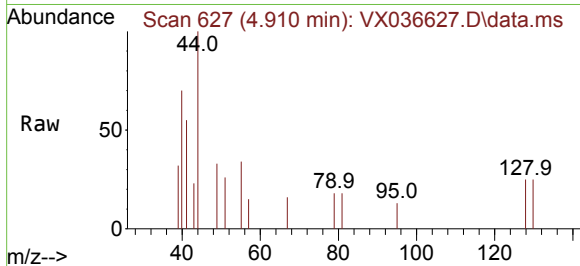




#41
Methacrylonitrile
Concen: 0.104 ug/l
RT: 4.910 min Scan# 61
Delta R.T. -0.012 min
Lab File: VX036627.D
Acq: 24 Jul 2023 13:20

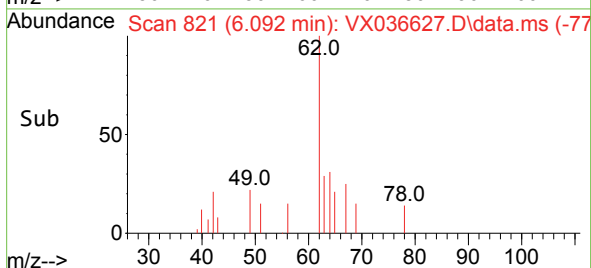
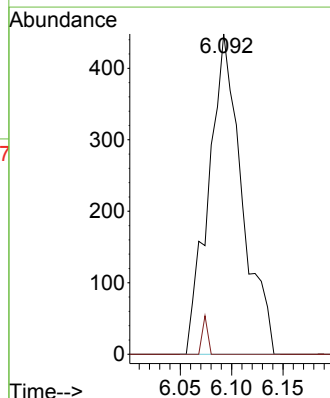
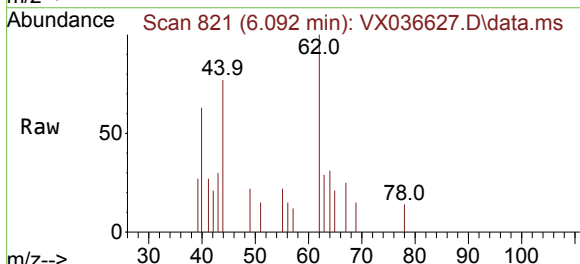
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2023

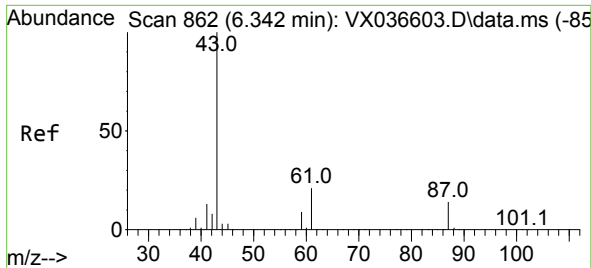
Tgt Ion:	41	Resp:	198
Ion	Ratio	Lower	Upper
41	100		
39	45.5	45.2	67.8
67	0.0	52.6	78.8#
52	0.0	22.7	34.1#



#42
1,2-Dichloroethane
Concen: 0.301 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.006 min
Lab File: VX036627.D
Acq: 24 Jul 2023 13:20

Tgt Ion:	62	Resp:	1010
Ion	Ratio	Lower	Upper
62	100		
98	2.0	0.0	16.0





#43

Isopropyl Acetate

Concen: 0.232 ug/l

RT: 6.348 min Scan# 862

Delta R.T. 0.006 min

Lab File: VX036627.D

Acq: 24 Jul 2023 13:20

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT3-2023

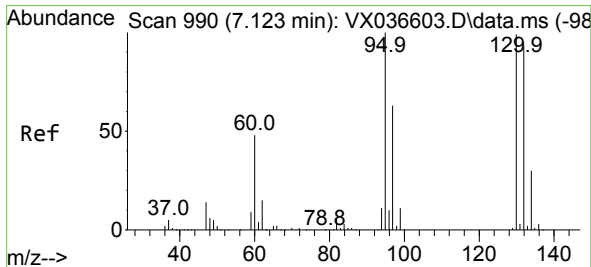
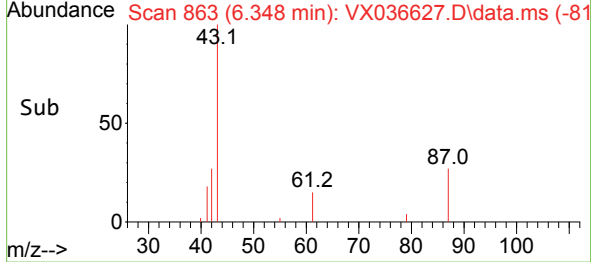
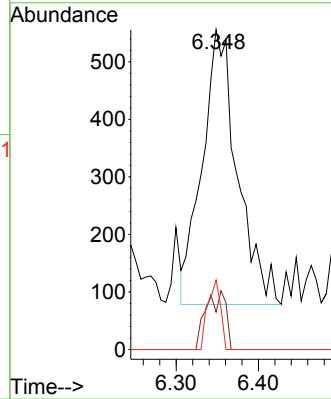
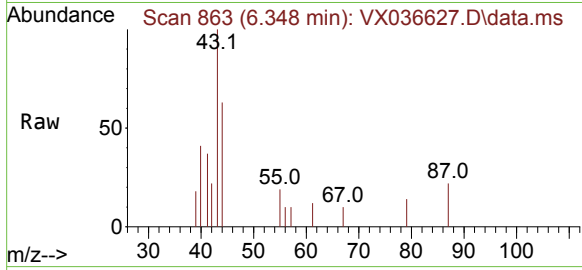
Tgt Ion: 43 Resp: 1423

Ion Ratio Lower Upper

43 100

61 11.9 15.2 22.8#

87 9.2 9.8 14.6#



#44

Trichloroethene

Concen: 0.217 ug/l

RT: 7.129 min Scan# 991

Delta R.T. 0.006 min

Lab File: VX036627.D

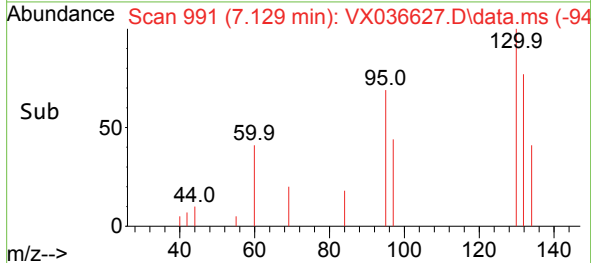
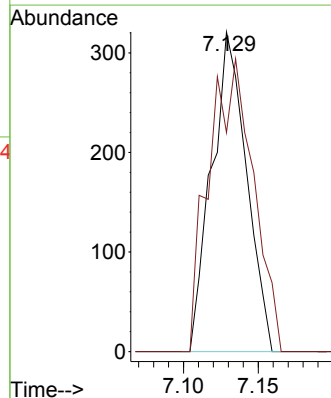
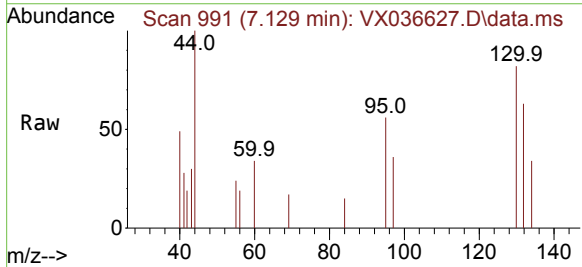
Acq: 24 Jul 2023 13:20

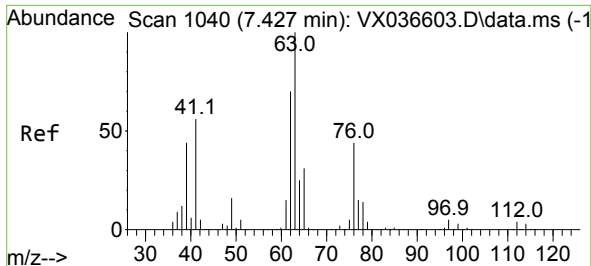
Tgt Ion:130 Resp: 520

Ion Ratio Lower Upper

130 100

95 68.5 0.0 204.4

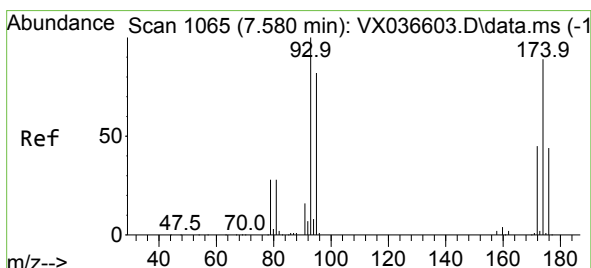
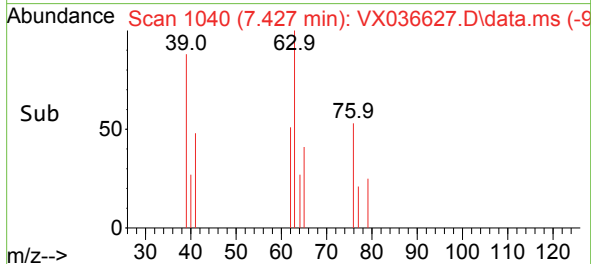
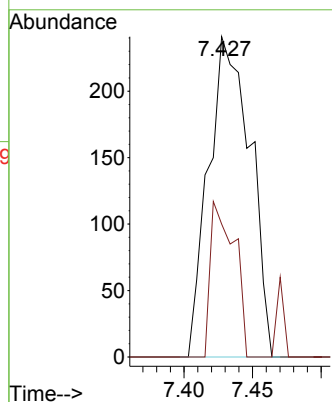
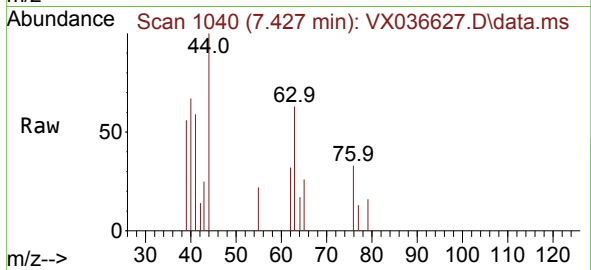




#45
1,2-Dichloropropane
Concen: 0.208 ug/l
RT: 7.427 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VX036627.D
Acq: 24 Jul 2023 13:20

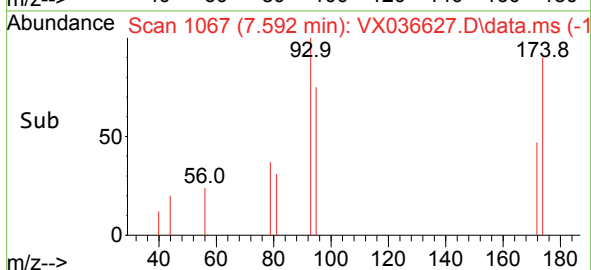
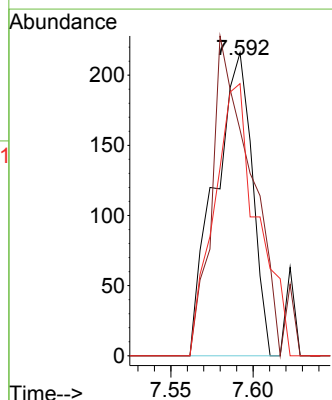
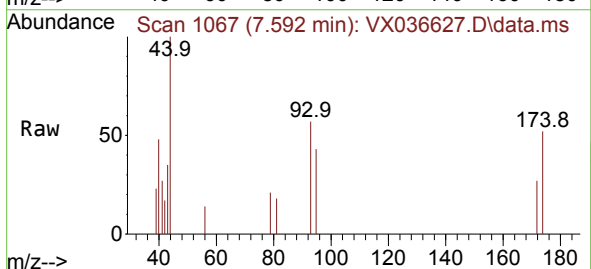
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2023

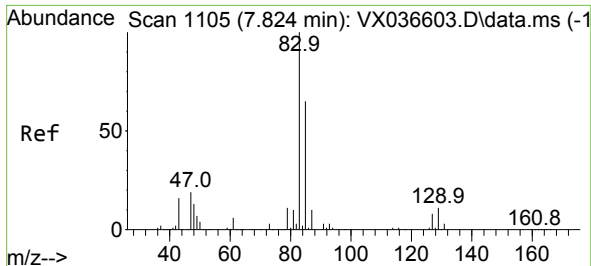
Tgt Ion: 63 Resp: 510
Ion Ratio Lower Upper
63 100
65 41.5 24.3 36.5#



#46
Dibromomethane
Concen: 0.199 ug/l
RT: 7.592 min Scan# 1067
Delta R.T. 0.012 min
Lab File: VX036627.D
Acq: 24 Jul 2023 13:20

Tgt Ion: 93 Resp: 341
Ion Ratio Lower Upper
93 100
95 114.7 66.6 100.0#
174 104.4 69.4 104.0#

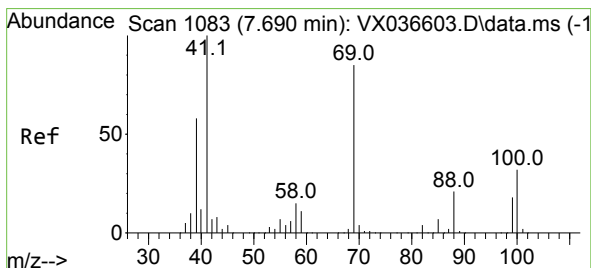
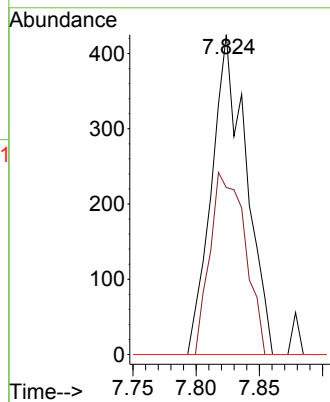
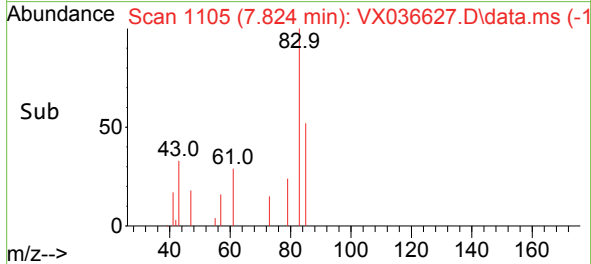
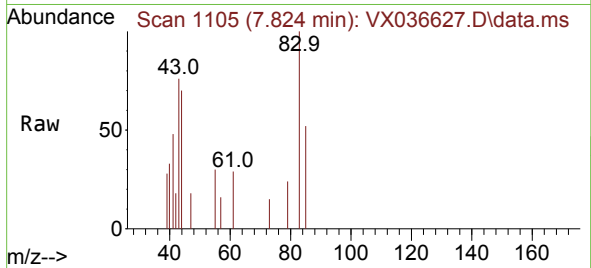




#47
Bromodichloromethane
Concen: 0.229 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX036627.D
Acq: 24 Jul 2023 13:20

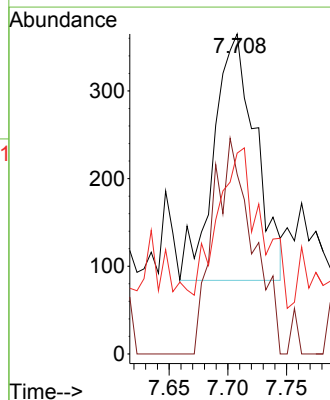
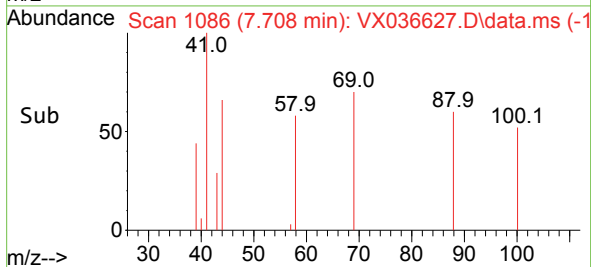
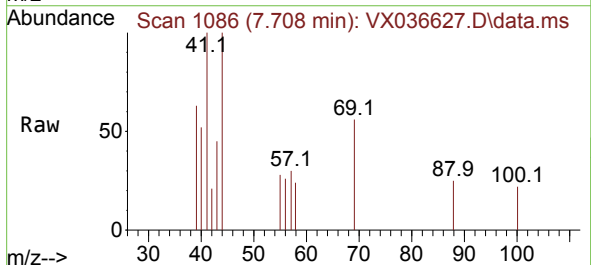
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2023

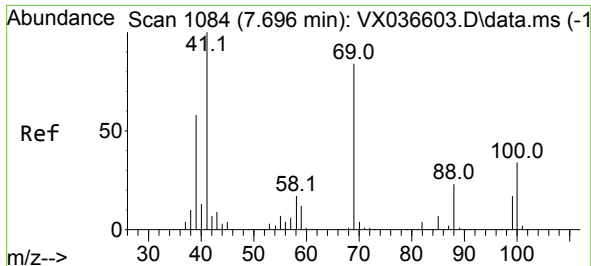
Tgt Ion: 83	Resp:	806
Ion Ratio	Lower	Upper
83	100	
85	52.2	49.8 74.6
127	0.0	7.1 10.7#



#48
Methyl methacrylate
Concen: 0.244 ug/l
RT: 7.708 min Scan# 1086
Delta R.T. 0.018 min
Lab File: VX036627.D
Acq: 24 Jul 2023 13:20

Tgt Ion: 41	Resp:	696
Ion Ratio	Lower	Upper
41	100	
69	83.6	59.2 88.8
39	79.6	47.7 71.5#





#49

1,4-Dioxane

Concen: 2.581 ug/l

RT: 7.720 min Scan# 1088

Delta R.T. 0.024 min

Lab File: VX036627.D

Acq: 24 Jul 2023 13:20

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT3-2023

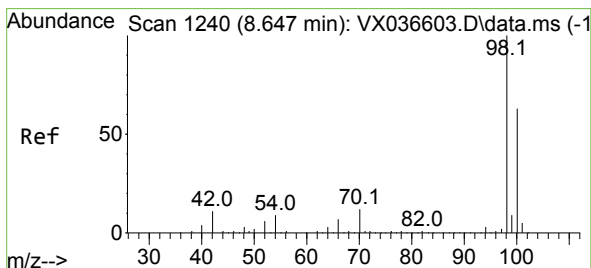
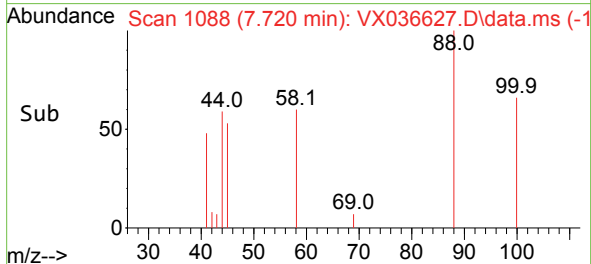
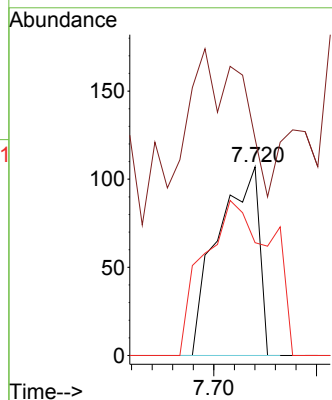
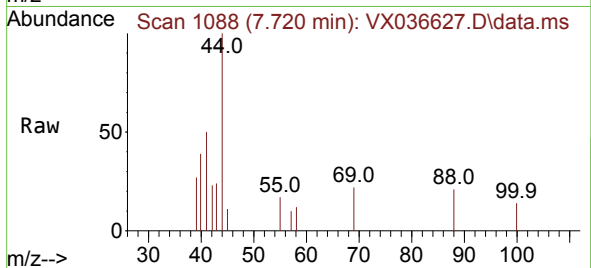
Tgt Ion: 88 Resp: 149

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 132.2 60.1 90.1#



#50

Toluene-d8

Concen: 49.804 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX036627.D

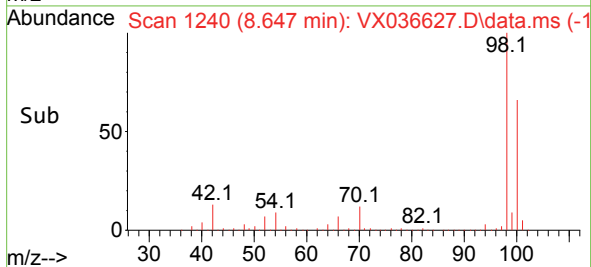
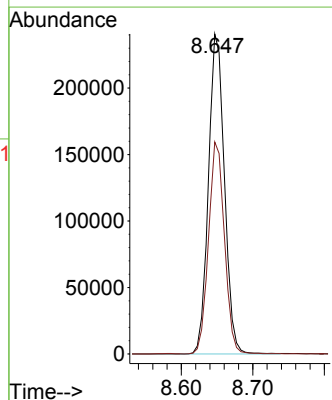
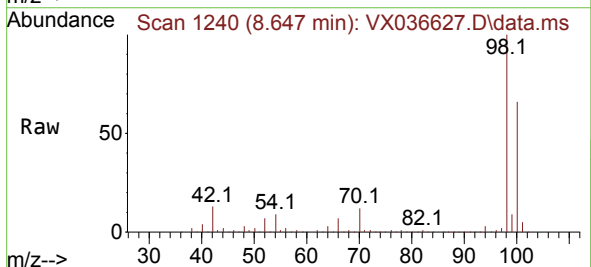
Acq: 24 Jul 2023 13:20

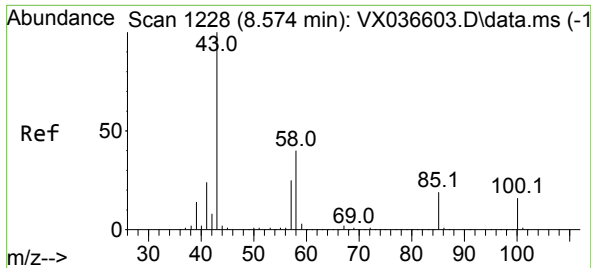
Tgt Ion: 98 Resp: 373779

Ion Ratio Lower Upper

98 100

100 66.1 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 1.068 ug/l

RT: 8.574 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VX036627.D

Acq: 24 Jul 2023 13:20

Instrument :

MSVOA_X

ClientSampleId :

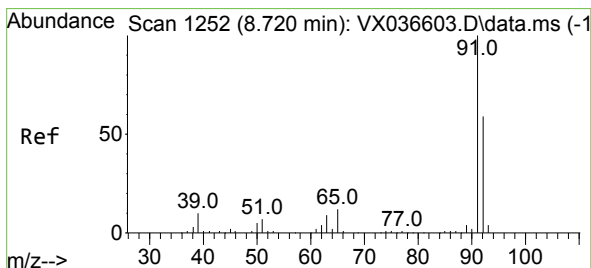
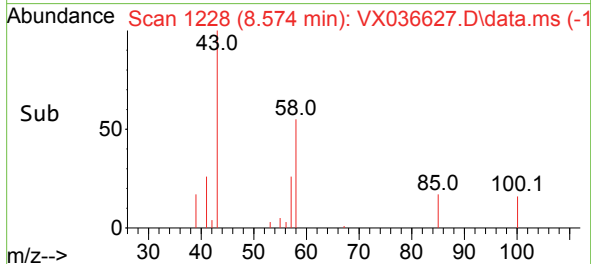
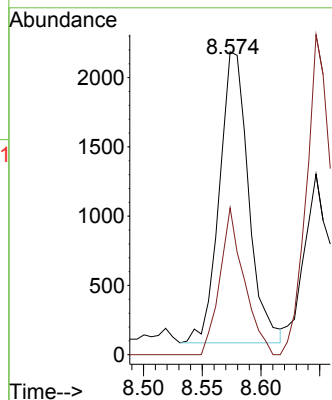
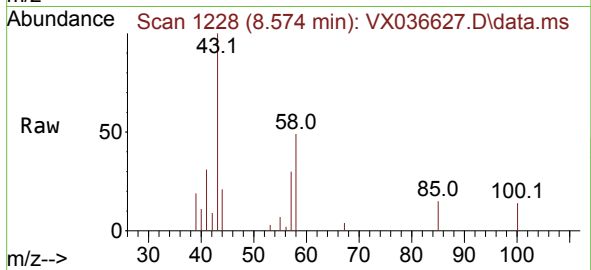
MDL-WATER-03-QT3-2023

Tgt Ion: 43 Resp: 3632

Ion Ratio Lower Upper

43 100

58 41.9 30.4 45.6



#52

Toluene

Concen: 0.228 ug/l

RT: 8.726 min Scan# 1253

Delta R.T. 0.006 min

Lab File: VX036627.D

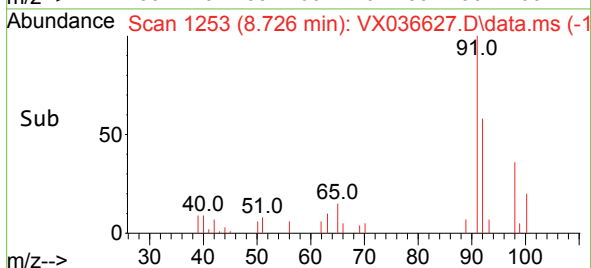
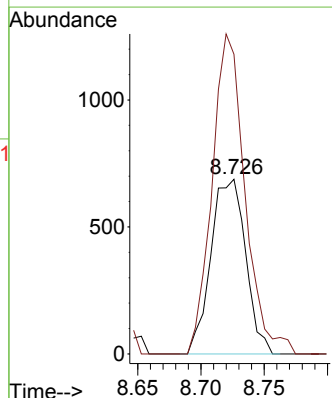
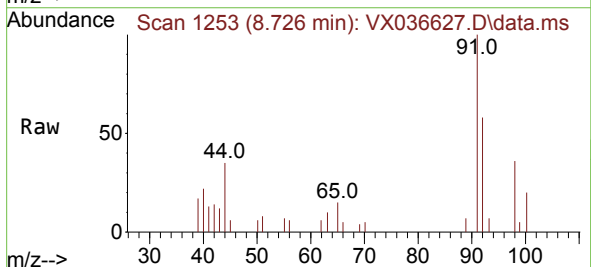
Acq: 24 Jul 2023 13:20

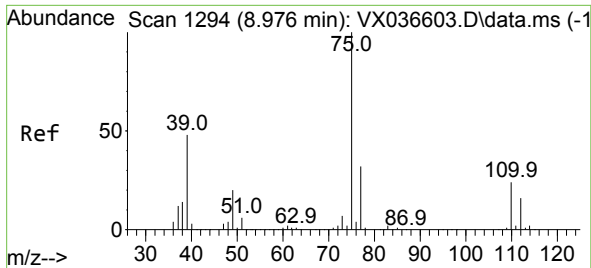
Tgt Ion: 92 Resp: 1313

Ion Ratio Lower Upper

92 100

91 173.9 134.2 201.2

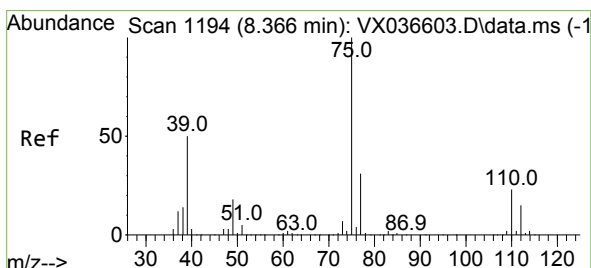
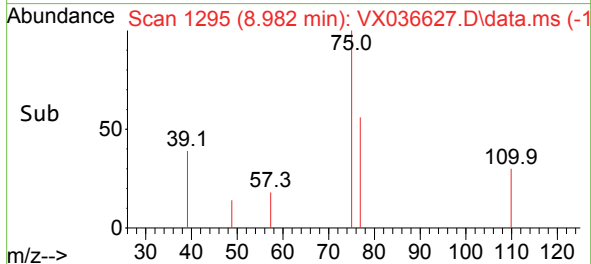
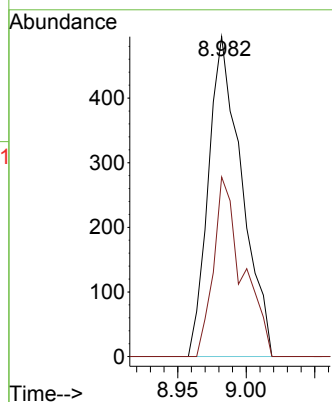
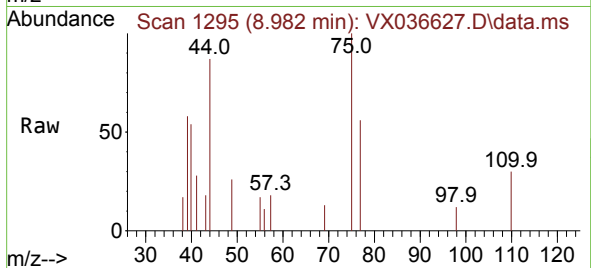




#53
 t-1,3-Dichloropropene
 Concen: 0.211 ug/l
 RT: 8.982 min Scan# 1129
 Delta R.T. 0.006 min
 Lab File: VX036627.D
 Acq: 24 Jul 2023 13:20

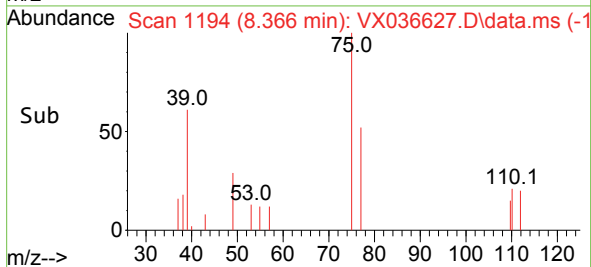
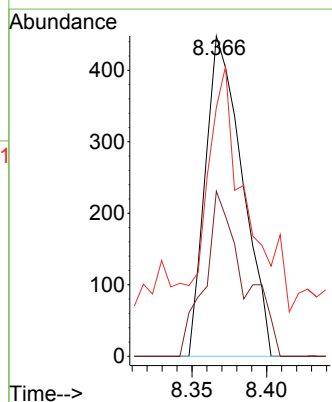
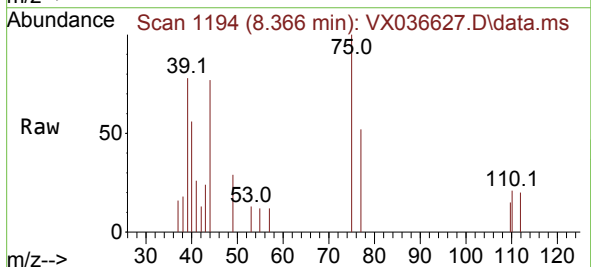
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT3-2023

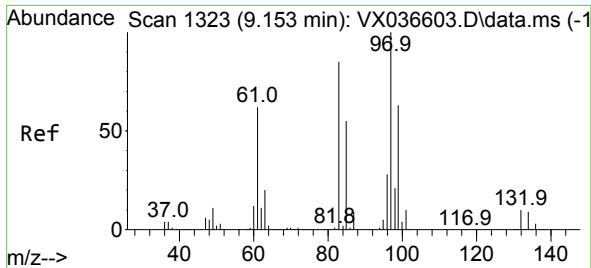
Tgt Ion: 75 Resp: 838
 Ion Ratio Lower Upper
 75 100
 77 56.2 25.7 38.5#



#54
 cis-1,3-Dichloropropene
 Concen: 0.182 ug/l
 RT: 8.366 min Scan# 1194
 Delta R.T. 0.000 min
 Lab File: VX036627.D
 Acq: 24 Jul 2023 13:20

Tgt Ion: 75 Resp: 766
 Ion Ratio Lower Upper
 75 100
 77 51.6 25.3 37.9#
 39 54.9 46.7 70.1

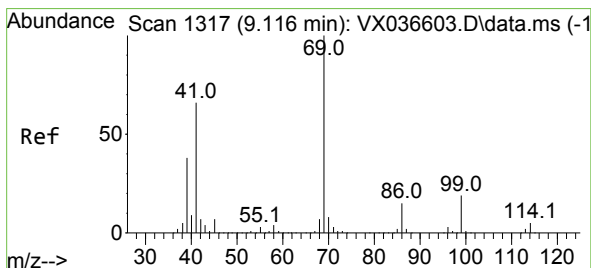
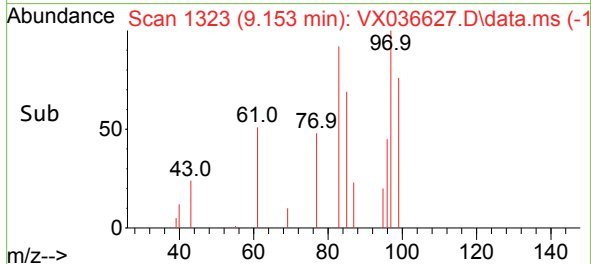
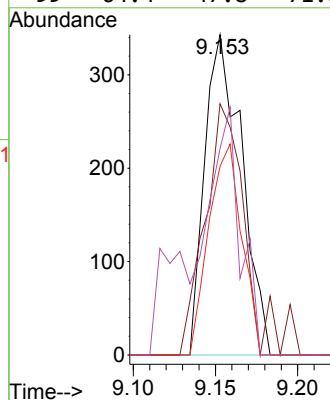
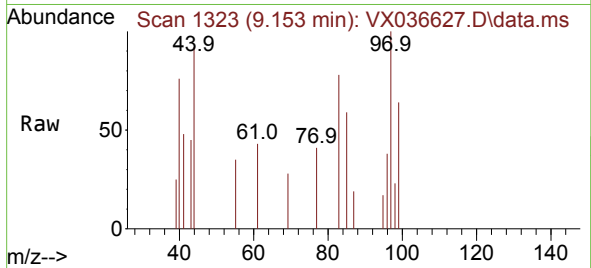




#55
1,1,2-Trichloroethane
Concen: 0.222 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX036627.D
Acq: 24 Jul 2023 13:20

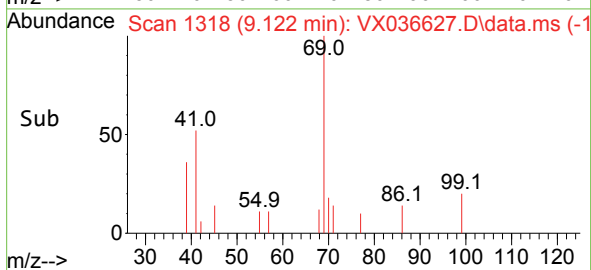
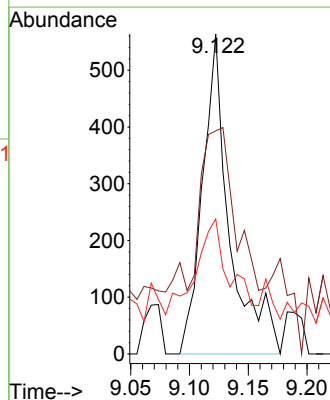
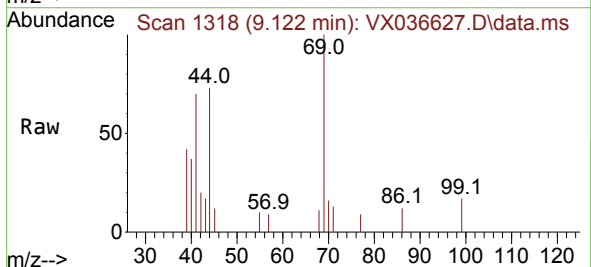
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT3-2023

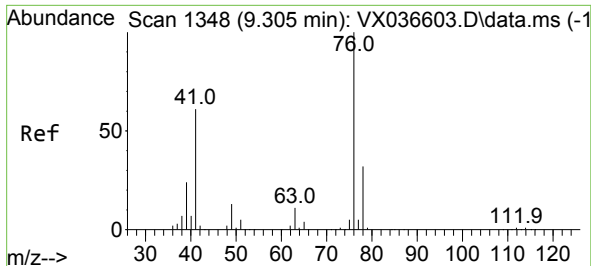
Tgt Ion: 97	Resp: 537
Ion Ratio	Lower Upper
97 100	
83 78.4	65.8 98.8
85 58.9	41.6 62.4
99 64.4	47.8 71.8



#56
Ethyl methacrylate
Concen: 0.228 ug/l
RT: 9.122 min Scan# 1318
Delta R.T. 0.006 min
Lab File: VX036627.D
Acq: 24 Jul 2023 13:20

Tgt Ion: 69	Resp: 899
Ion Ratio	Lower Upper
69 100	
41 65.2	56.8 85.2
39 37.6	32.0 48.0





#57

1,3-Dichloropropane

Concen: 0.206 ug/l

RT: 9.317 min Scan# 1135

Delta R.T. 0.012 min

Lab File: VX036627.D

Acq: 24 Jul 2023 13:20

Instrument :

MSVOA_X

ClientSampleId :

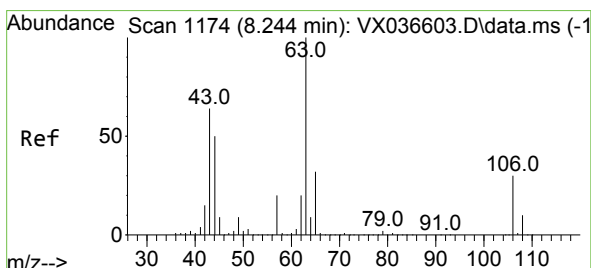
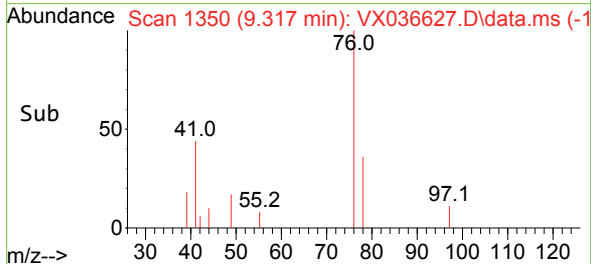
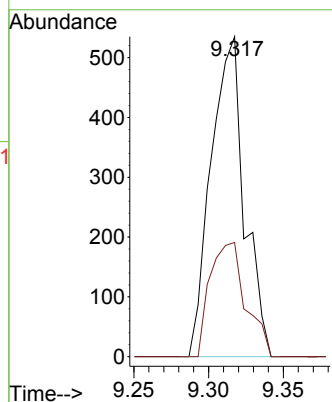
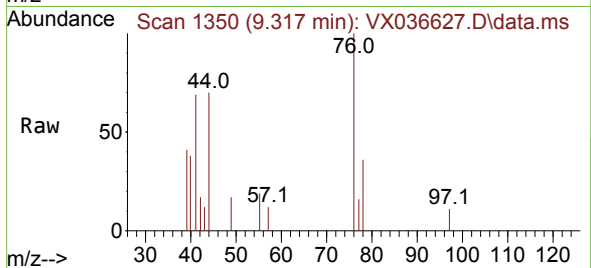
MDL-WATER-03-QT3-2023

Tgt Ion: 76 Resp: 829

Ion Ratio Lower Upper

76 100

78 38.2 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 1.496 ug/l

RT: 8.250 min Scan# 1175

Delta R.T. 0.006 min

Lab File: VX036627.D

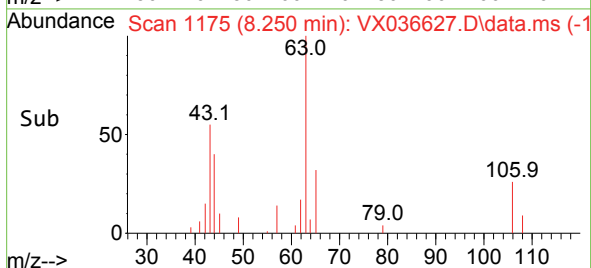
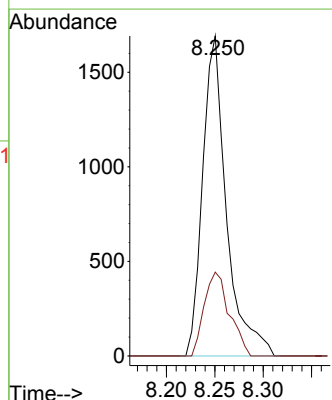
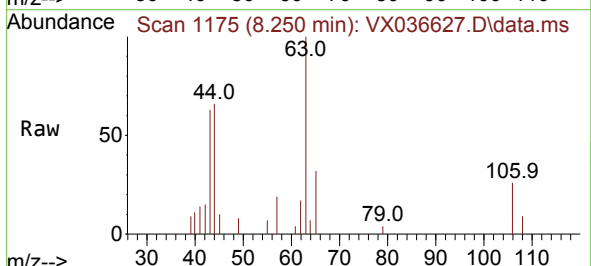
Acq: 24 Jul 2023 13:20

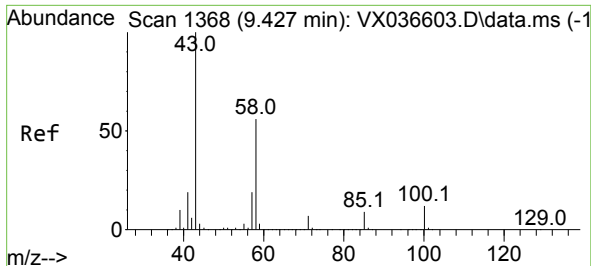
Tgt Ion: 63 Resp: 2901

Ion Ratio Lower Upper

63 100

106 27.6 22.5 33.7





#59

2-Hexanone

Concen: 1.071 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.006 min

Lab File: VX036627.D

Acq: 24 Jul 2023 13:20

Instrument :

MSVOA_X

ClientSampleId :

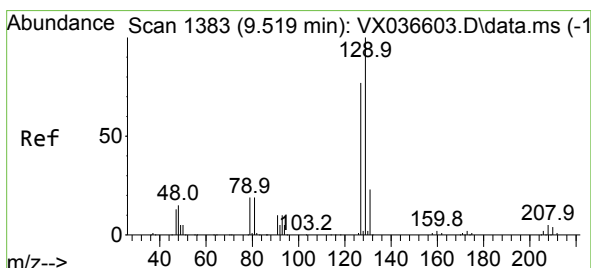
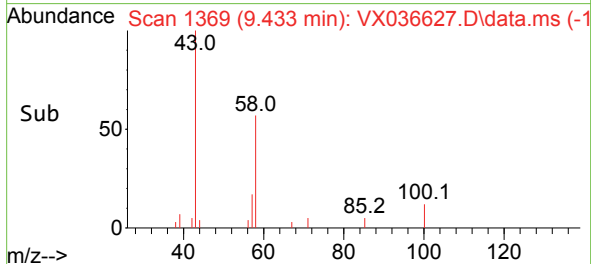
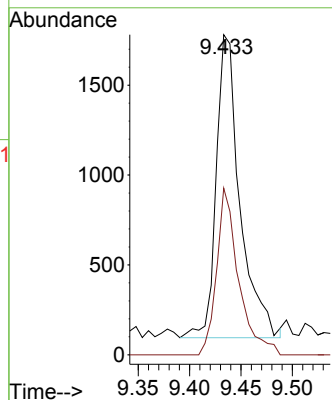
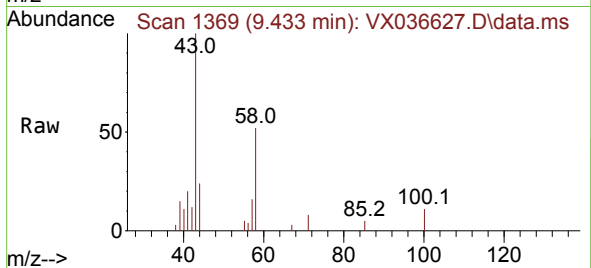
MDL-WATER-03-QT3-2023

Tgt Ion: 43 Resp: 2704

Ion Ratio Lower Upper

43 100

58 50.9 26.2 78.5



#60

Dibromochloromethane

Concen: 0.200 ug/l

RT: 9.525 min Scan# 1384

Delta R.T. 0.006 min

Lab File: VX036627.D

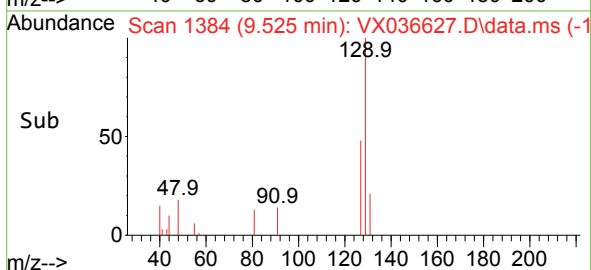
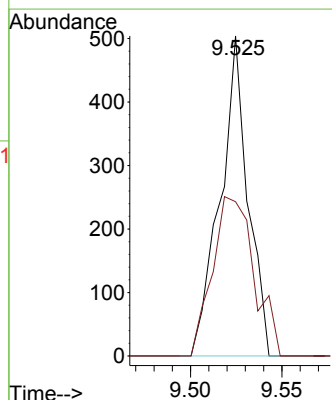
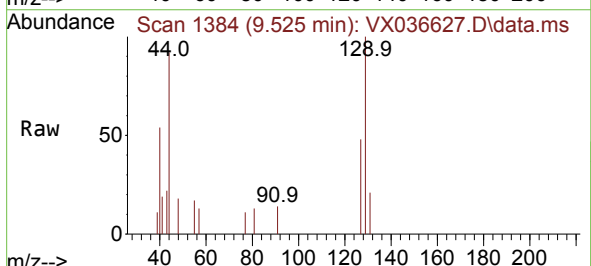
Acq: 24 Jul 2023 13:20

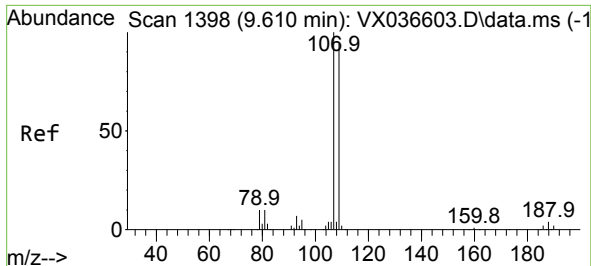
Tgt Ion: 129 Resp: 531

Ion Ratio Lower Upper

129 100

127 74.8 38.8 116.4

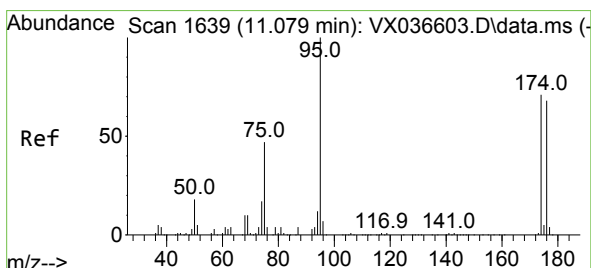
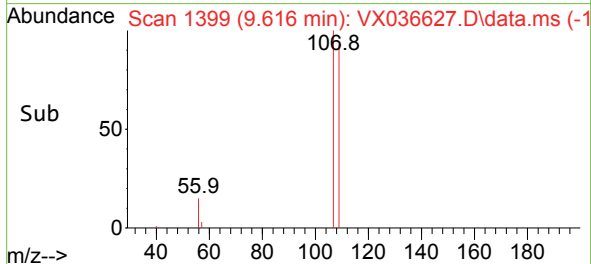
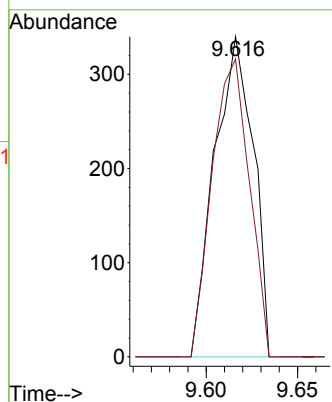
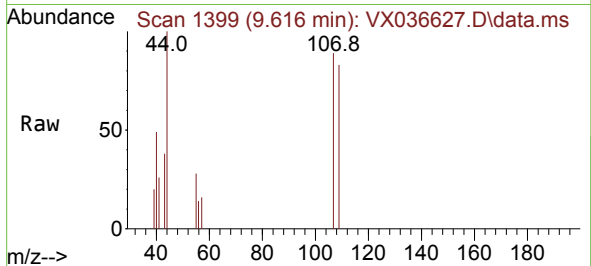




#61
1,2-Dibromoethane
Concen: 0.200 ug/l
RT: 9.616 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX036627.D
Acq: 24 Jul 2023 13:20

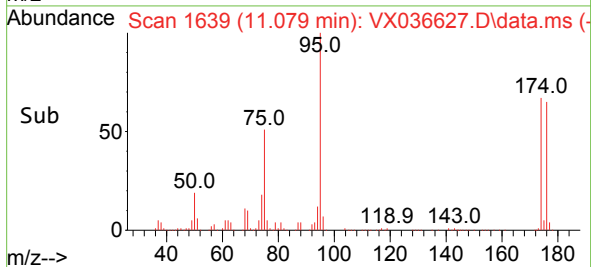
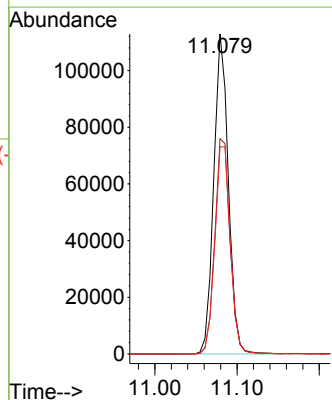
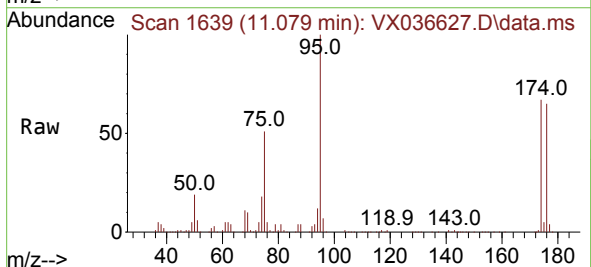
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2023

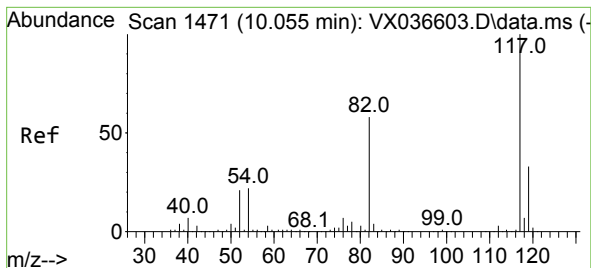
Tgt Ion:107 Resp: 501
Ion Ratio Lower Upper
107 100
109 89.8 75.2 112.8



#62
4-Bromofluorobenzene
Concen: 49.163 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036627.D
Acq: 24 Jul 2023 13:20

Tgt Ion: 95 Resp: 139205
Ion Ratio Lower Upper
95 100
174 70.6 0.0 135.6
176 68.8 0.0 131.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX036627.D

Acq: 24 Jul 2023 13:20

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT3-2023

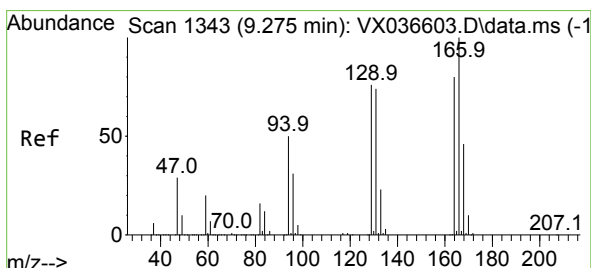
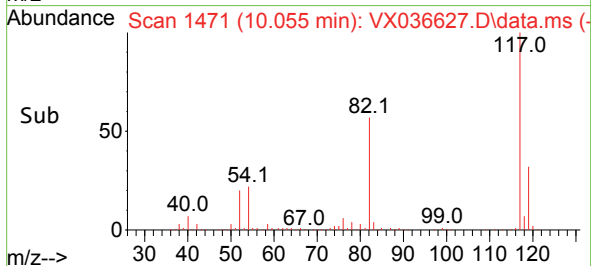
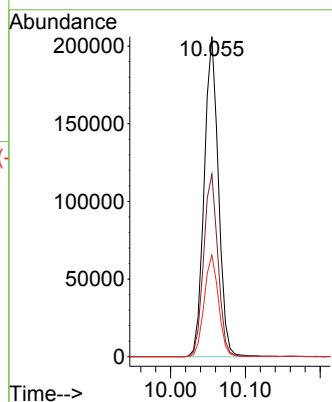
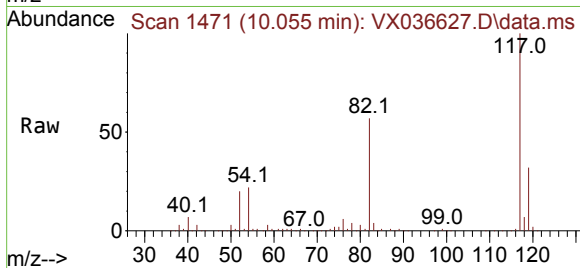
Tgt Ion:117 Resp: 271857

Ion Ratio Lower Upper

117 100

82 57.0 46.2 69.4

119 31.8 25.5 38.3



#64

Tetrachloroethene

Concen: 0.240 ug/l

RT: 9.275 min Scan# 1343

Delta R.T. 0.000 min

Lab File: VX036627.D

Acq: 24 Jul 2023 13:20

Tgt Ion:164 Resp: 486

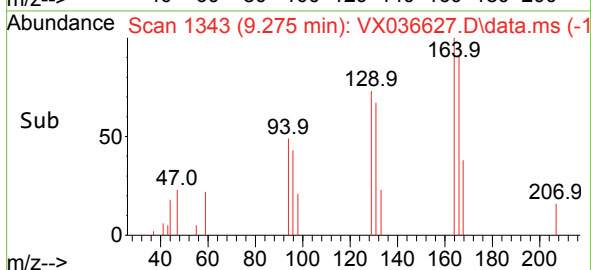
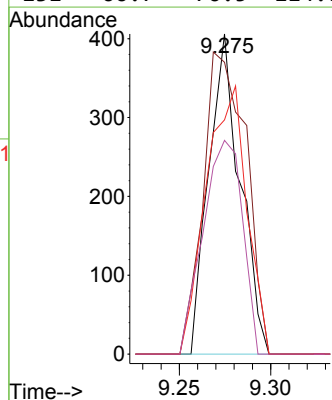
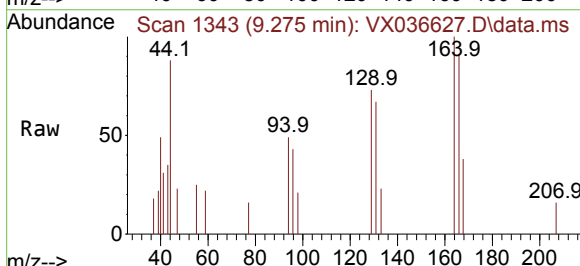
Ion Ratio Lower Upper

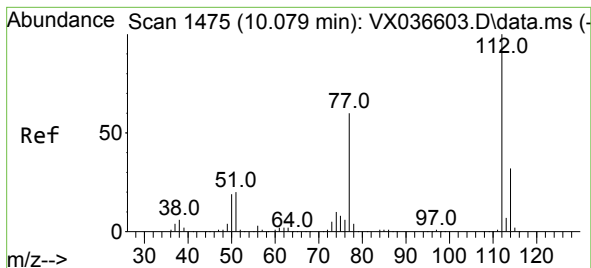
164 100

166 91.1 102.7 154.1#

129 73.2 80.4 120.6#

131 66.7 76.5 114.7#





#65

Chlorobenzene

Concen: 0.235 ug/l

RT: 10.079 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VX036627.D

Acq: 24 Jul 2023 13:20

Instrument :

MSVOA_X

ClientSampleId :

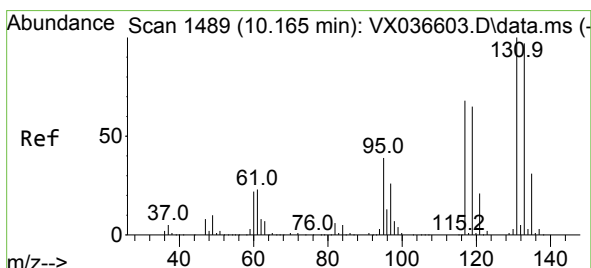
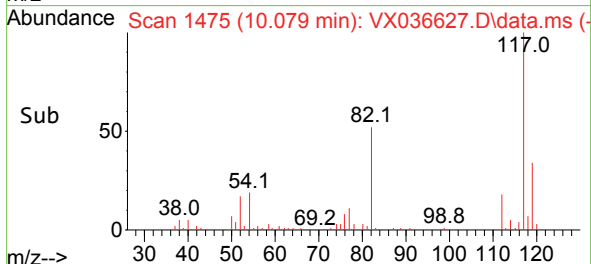
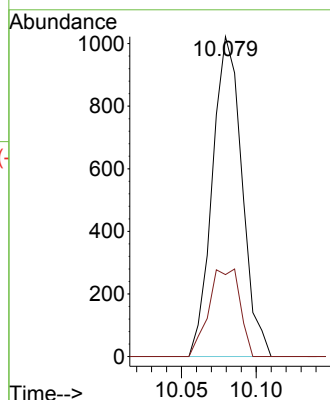
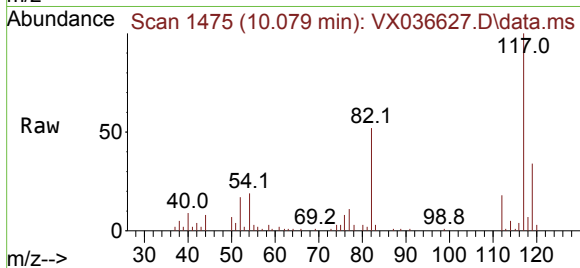
MDL-WATER-03-QT3-2023

Tgt Ion:112 Resp: 1407

Ion Ratio Lower Upper

112 100

114 25.6 25.7 38.5#



#66

1,1,1,2-Tetrachloroethane

Concen: 0.221 ug/l

RT: 10.165 min Scan# 1489

Delta R.T. 0.000 min

Lab File: VX036627.D

Acq: 24 Jul 2023 13:20

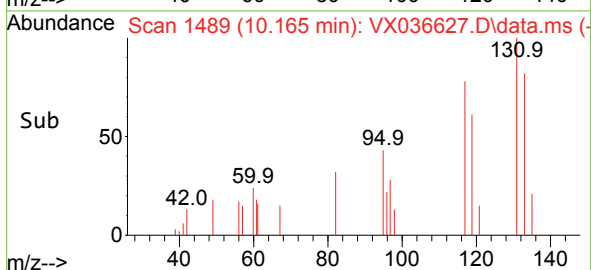
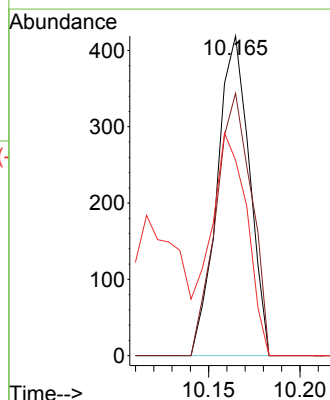
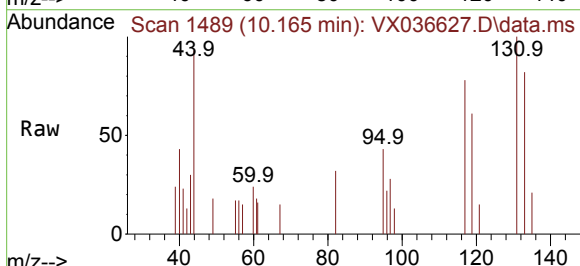
Tgt Ion:131 Resp: 512

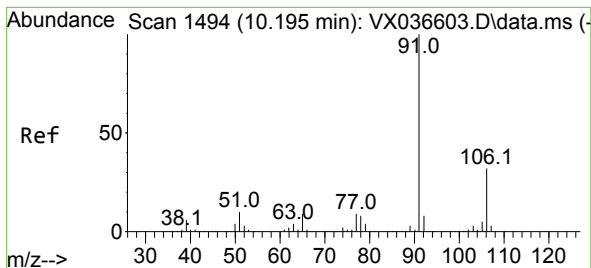
Ion Ratio Lower Upper

131 100

133 90.8 47.1 141.4

119 0.0 32.2 96.6#





#67

Ethyl Benzene

Concen: 0.215 ug/l

RT: 10.201 min Scan# 1495

Delta R.T. 0.006 min

Lab File: VX036627.D

Acq: 24 Jul 2023 13:20

Instrument :

MSVOA_X

ClientSampleId :

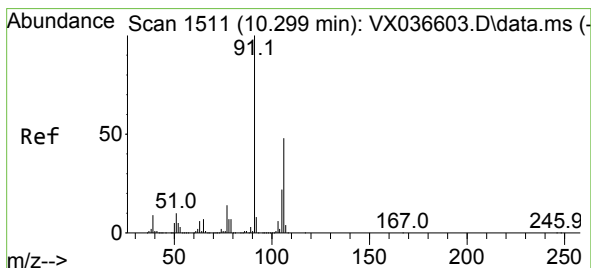
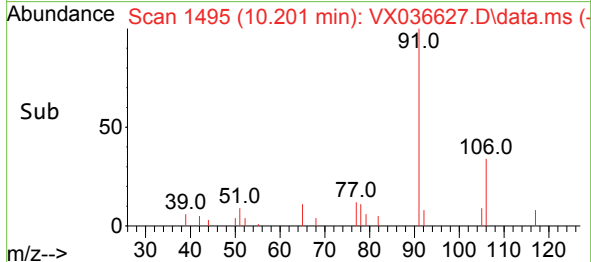
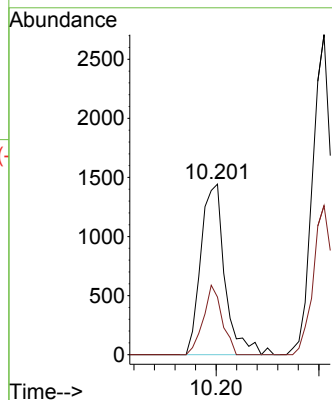
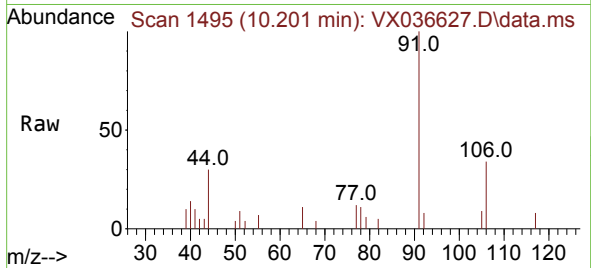
MDL-WATER-03-QT3-2023

Tgt Ion: 91 Resp: 2359

Ion Ratio Lower Upper

91 100

106 33.7 24.9 37.3



#68

m/p-Xylenes

Concen: 0.431 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. 0.006 min

Lab File: VX036627.D

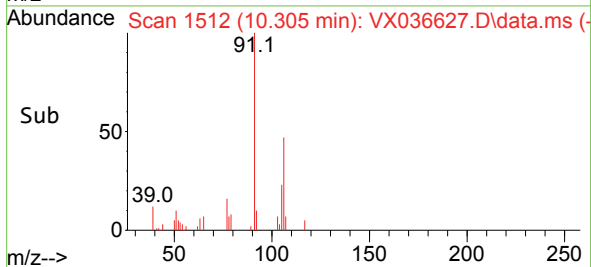
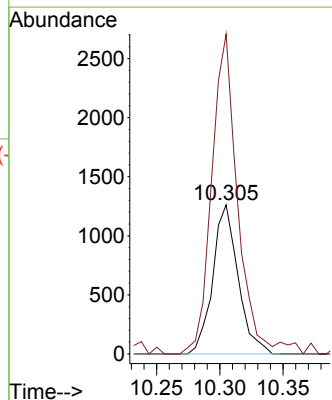
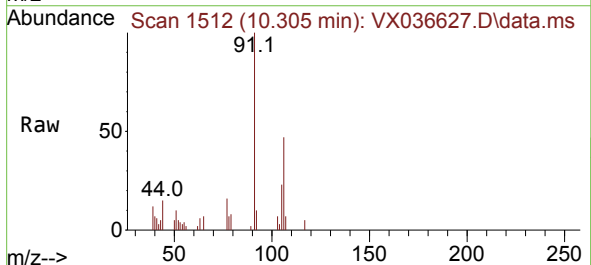
Acq: 24 Jul 2023 13:20

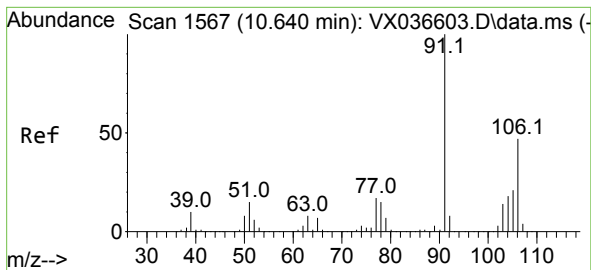
Tgt Ion: 106 Resp: 1762

Ion Ratio Lower Upper

106 100

91 214.8 165.5 248.3





#69

o-Xylene

Concen: 0.219 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX036627.D

Acq: 24 Jul 2023 13:20

Instrument :

MSVOA_X

ClientSampleId :

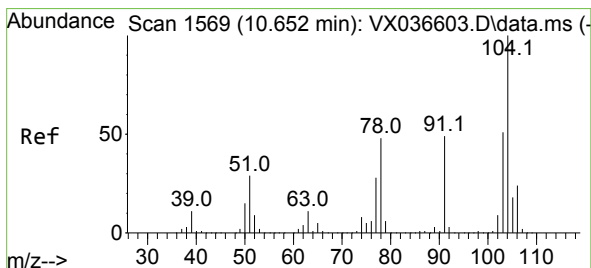
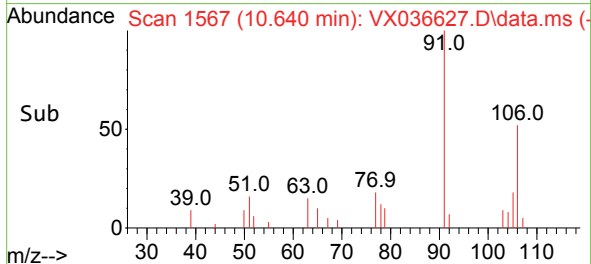
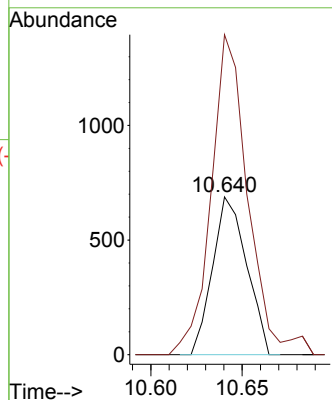
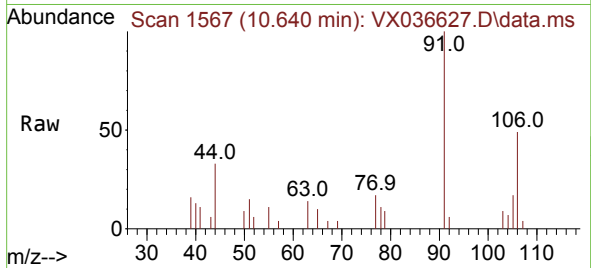
MDL-WATER-03-QT3-2023

Tgt Ion:106 Resp: 892

Ion Ratio Lower Upper

106 100

91 219.1 108.9 326.8



#70

Styrene

Concen: 0.211 ug/l

RT: 10.659 min Scan# 1570

Delta R.T. 0.006 min

Lab File: VX036627.D

Acq: 24 Jul 2023 13:20

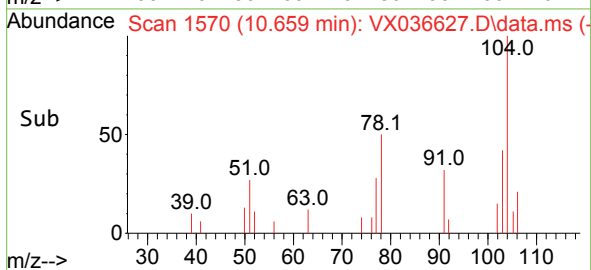
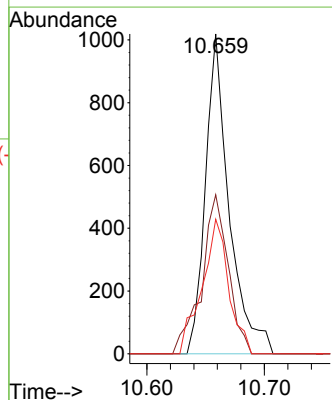
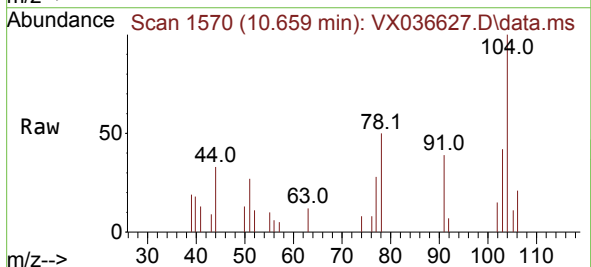
Tgt Ion:104 Resp: 1420

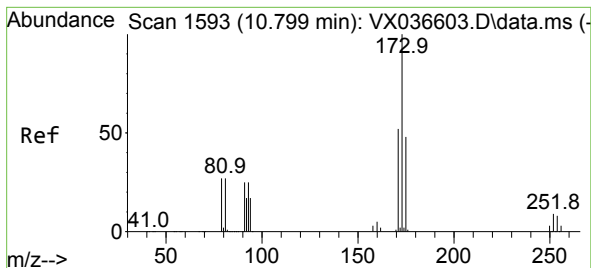
Ion Ratio Lower Upper

104 100

78 56.1 43.6 65.4

103 47.6 43.6 65.4





#71

Bromoform

Concen: 0.181 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX036627.D

Acq: 24 Jul 2023 13:20

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT3-2023

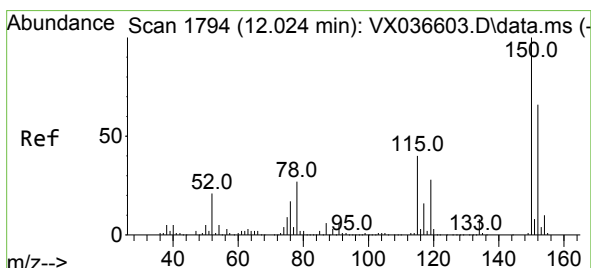
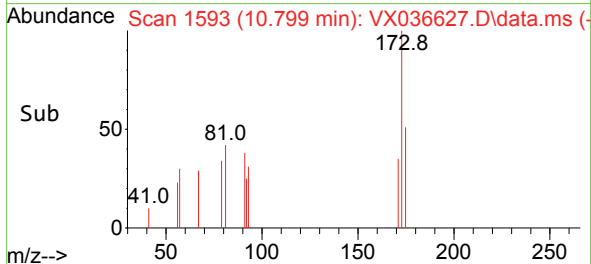
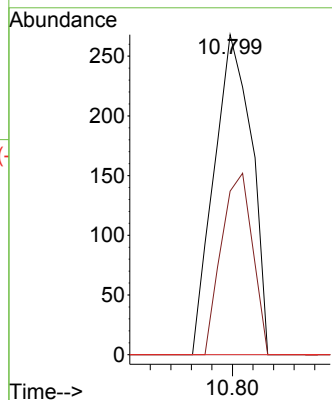
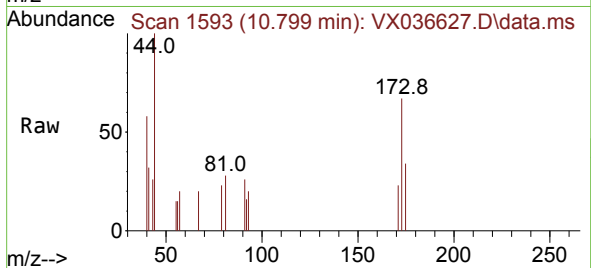
Tgt Ion:173 Resp: 339

Ion Ratio Lower Upper

173 100

175 0.0 24.1 72.4#

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX036627.D

Acq: 24 Jul 2023 13:20

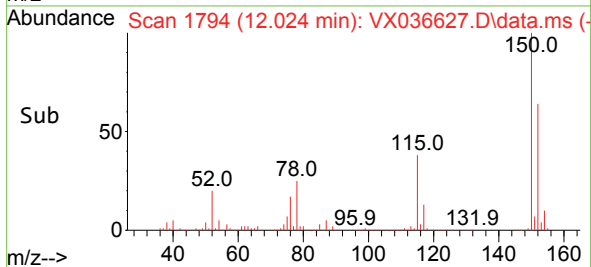
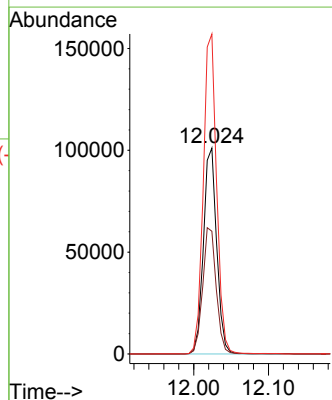
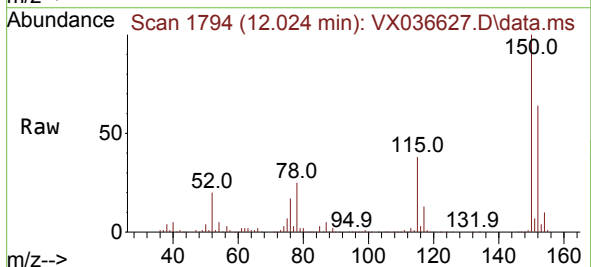
Tgt Ion:152 Resp: 124542

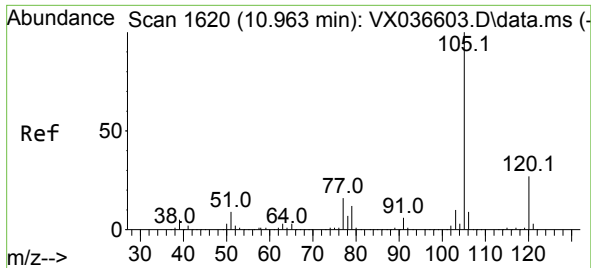
Ion Ratio Lower Upper

152 100

115 62.5 43.3 129.9

150 156.0 0.0 345.0

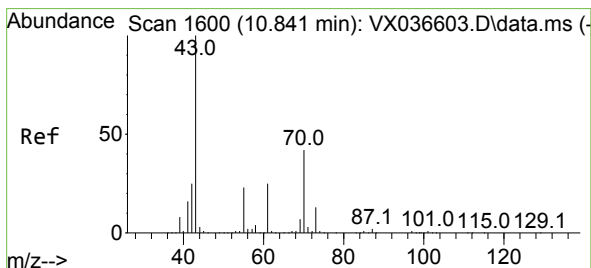
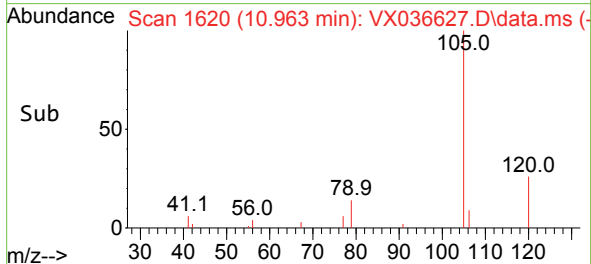
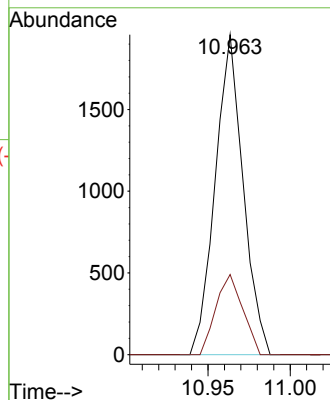
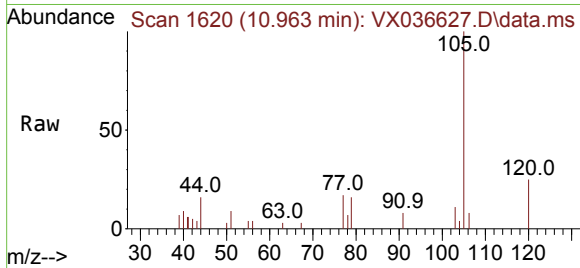




#73
Isopropylbenzene
Concen: 0.224 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX036627.D
Acq: 24 Jul 2023 13:20

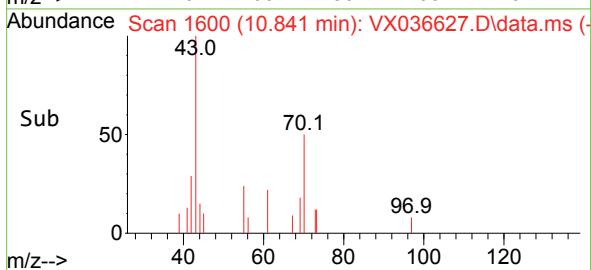
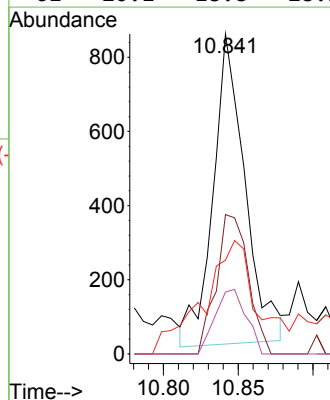
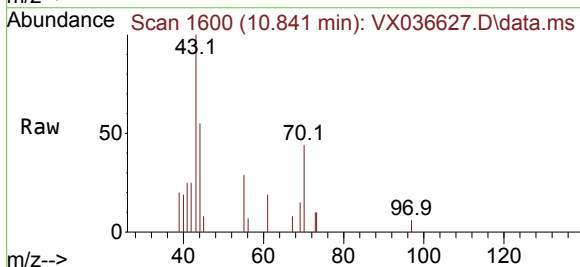
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2023

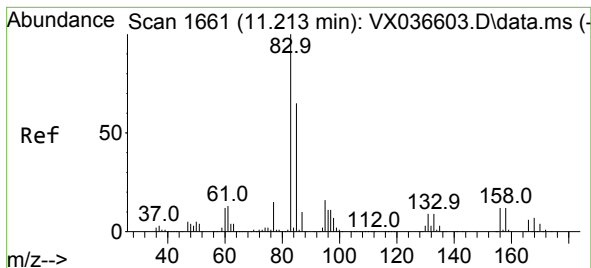
Tgt Ion:105 Resp: 2310
Ion Ratio Lower Upper
105 100
120 24.0 12.9 38.6



#74
N-ethyl acetate
Concen: 0.260 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX036627.D
Acq: 24 Jul 2023 13:20

Tgt Ion: 43 Resp: 1248
Ion Ratio Lower Upper
43 100
70 44.7 32.9 49.3
55 61.7 19.3 28.9#
61 20.1 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 0.243 ug/l

RT: 11.213 min Scan# 1661

Delta R.T. 0.000 min

Lab File: VX036627.D

Acq: 24 Jul 2023 13:20

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT3-2023

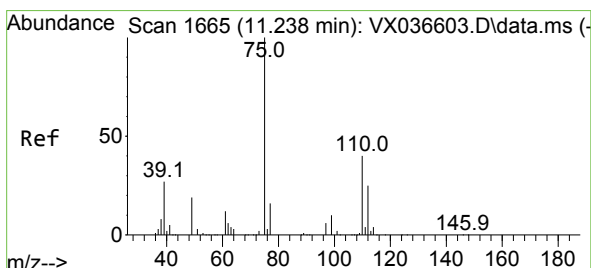
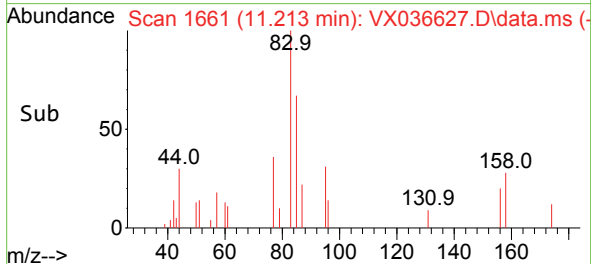
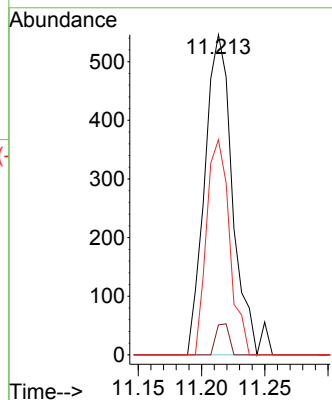
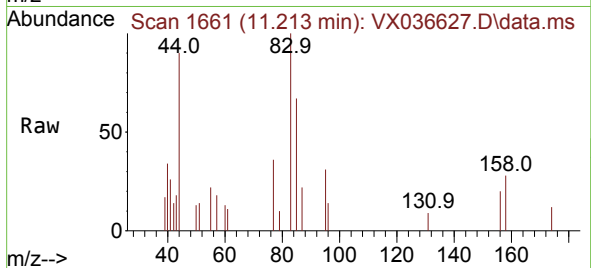
Tgt Ion: 83 Resp: 846

Ion Ratio Lower Upper

83 100

131 4.5 5.3 15.8#

85 55.1 32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 24.512 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX036627.D

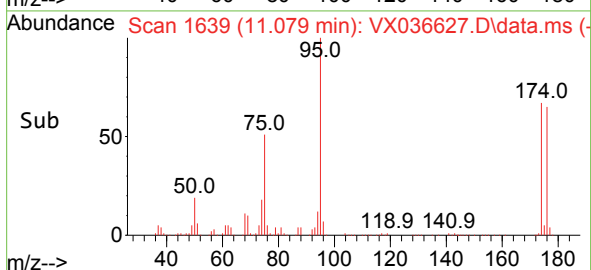
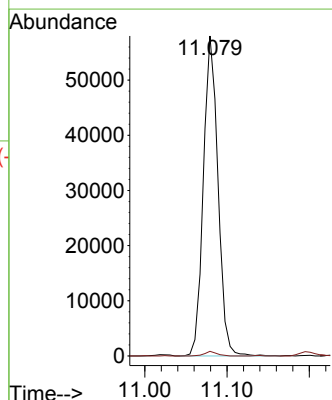
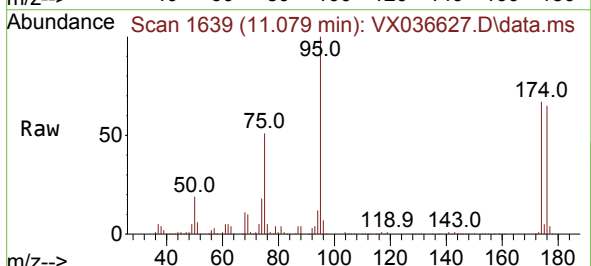
Acq: 24 Jul 2023 13:20

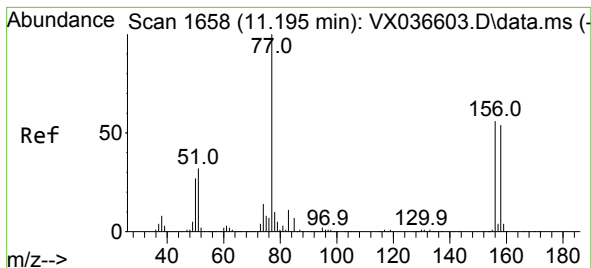
Tgt Ion: 75 Resp: 71804

Ion Ratio Lower Upper

75 100

77 1.2 19.1 57.5#





#77

Bromobenzene

Concen: 0.194 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.006 min

Lab File: VX036627.D

Acq: 24 Jul 2023 13:20

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT3-2023

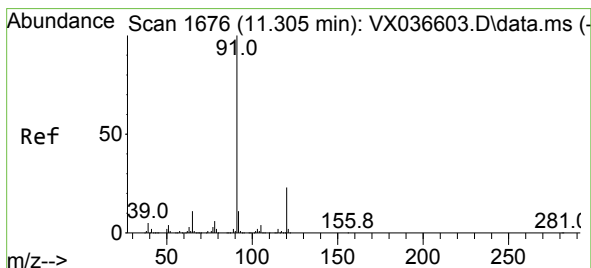
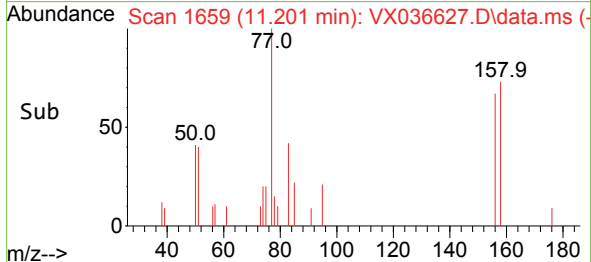
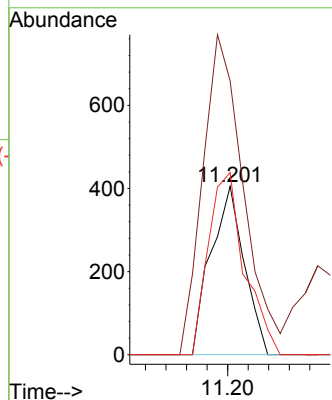
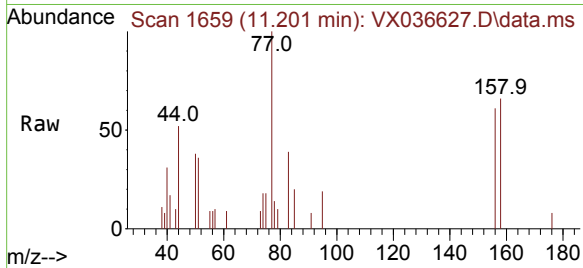
Tgt Ion:156 Resp: 456

Ion Ratio Lower Upper

156 100

77 232.2 88.4 265.3

158 117.3 48.0 144.0



#78

n-propylbenzene

Concen: 0.232 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX036627.D

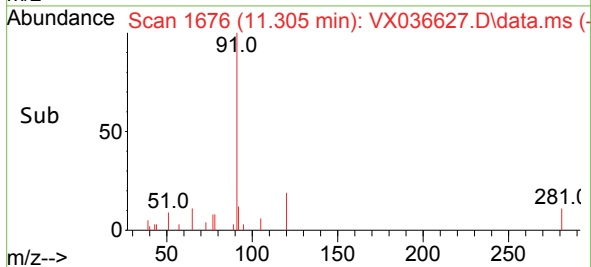
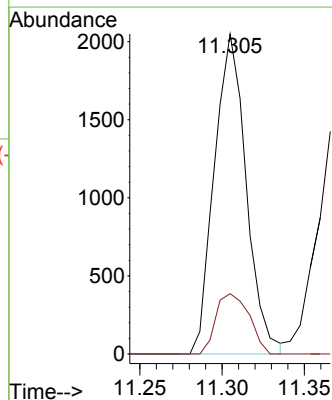
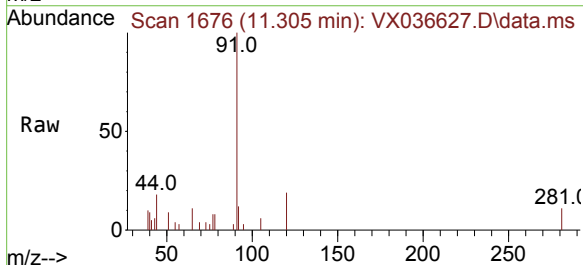
Acq: 24 Jul 2023 13:20

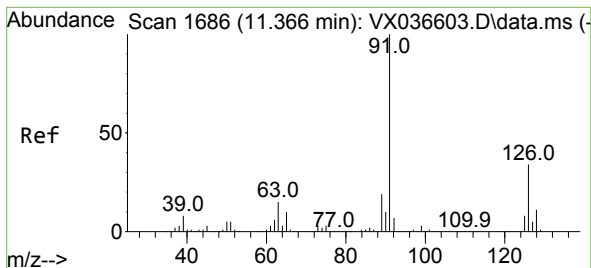
Tgt Ion: 91 Resp: 2764

Ion Ratio Lower Upper

91 100

120 19.6 11.5 34.4





#79

2-Chlorotoluene

Concen: 0.241 ug/l

RT: 11.366 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX036627.D

Acq: 24 Jul 2023 13:20

Instrument :

MSVOA_X

ClientSampleId :

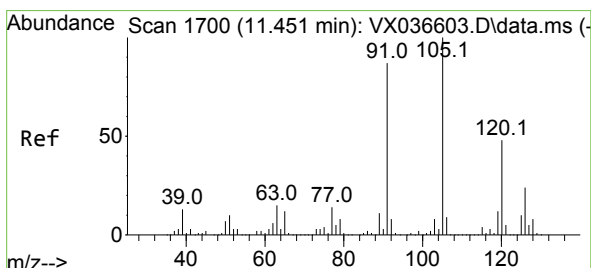
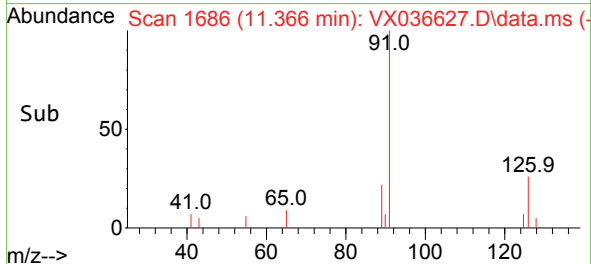
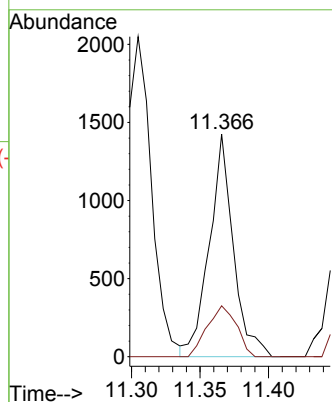
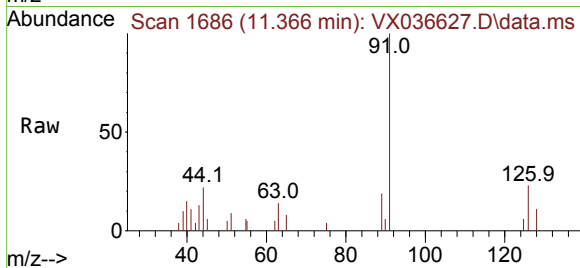
MDL-WATER-03-QT3-2023

Tgt Ion: 91 Resp: 1740

Ion Ratio Lower Upper

91 100

126 27.8 16.3 48.8



#80

1,3,5-Trimethylbenzene

Concen: 0.217 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX036627.D

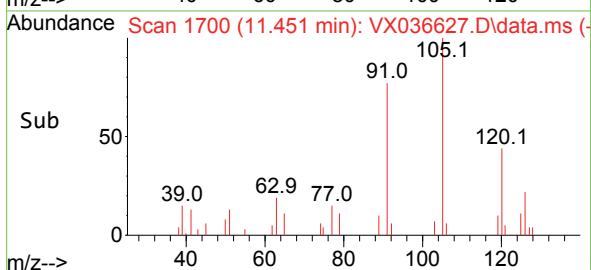
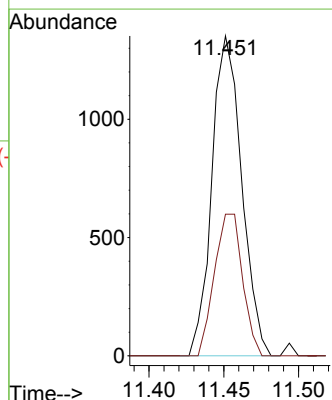
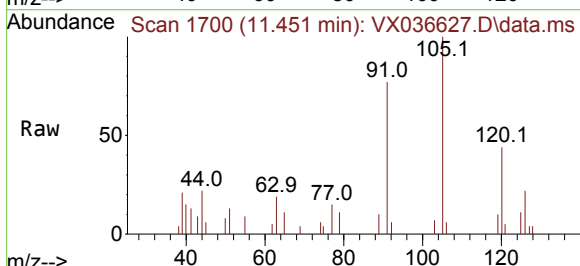
Acq: 24 Jul 2023 13:20

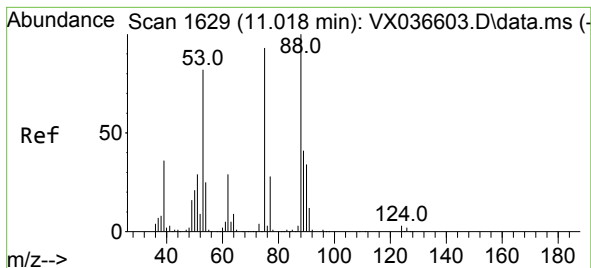
Tgt Ion: 105 Resp: 1875

Ion Ratio Lower Upper

105 100

120 41.7 24.1 72.3

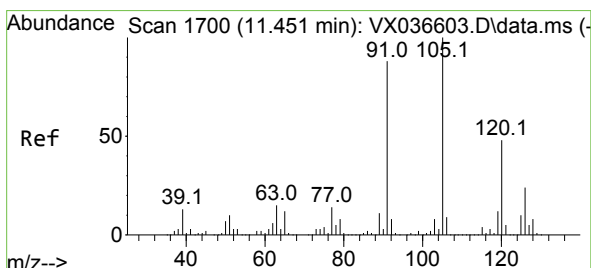
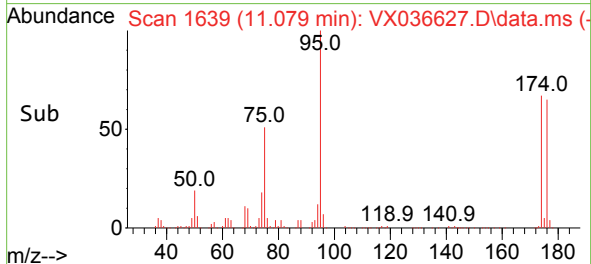
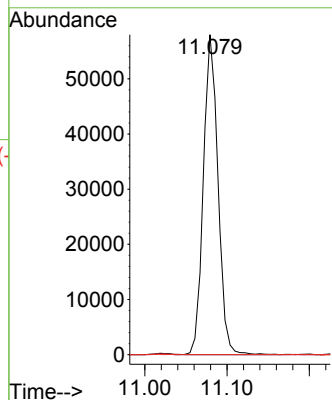
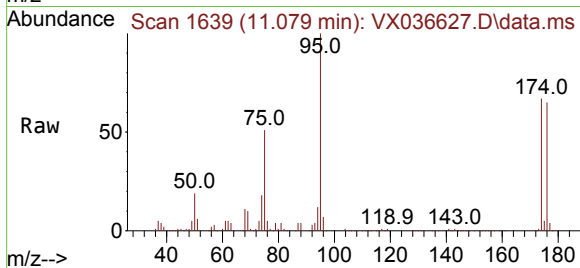




#81
trans-1,4-Dichloro-2-butene
Concen: 55.557 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX036627.D
Acq: 24 Jul 2023 13:20

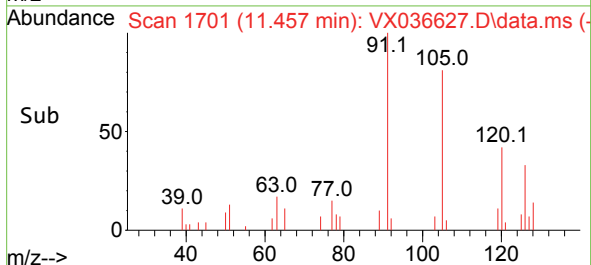
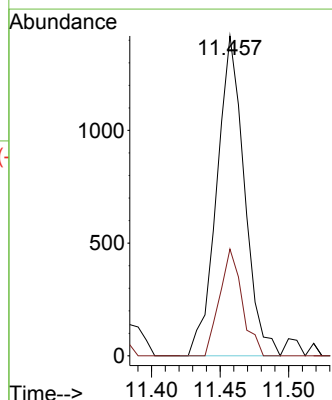
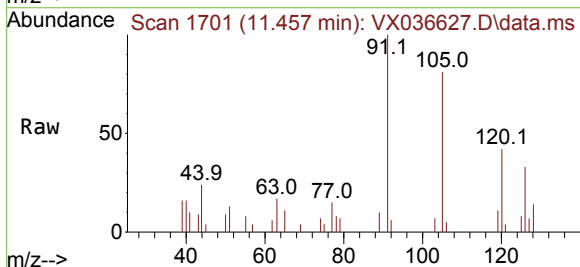
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2023

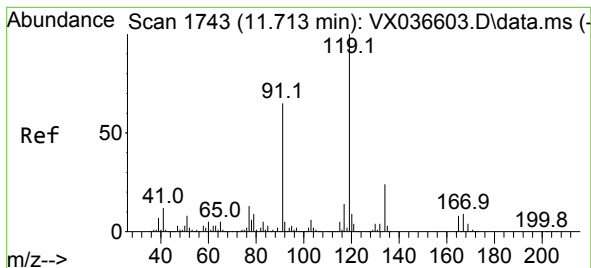
Tgt Ion: 75 Resp: 71804
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#82
4-Chlorotoluene
Concen: 0.242 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX036627.D
Acq: 24 Jul 2023 13:20

Tgt Ion: 91 Resp: 1991
Ion Ratio Lower Upper
91 100
126 27.1 14.2 42.6





#83

tert-Butylbenzene

Concen: 0.229 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX036627.D

Acq: 24 Jul 2023 13:20

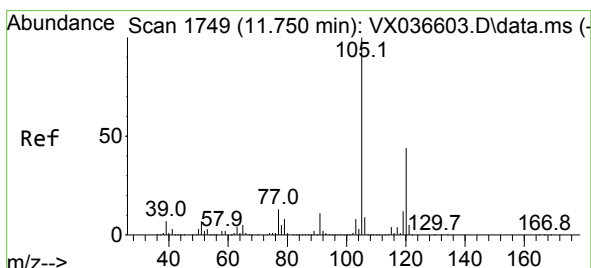
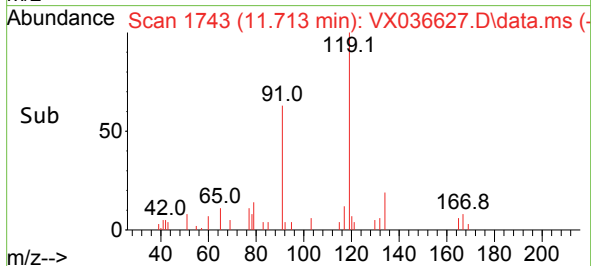
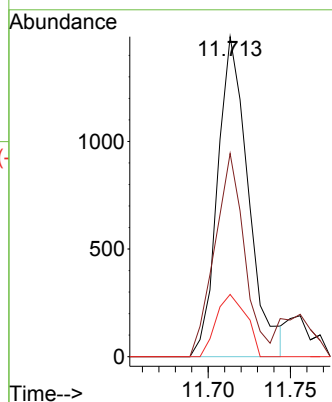
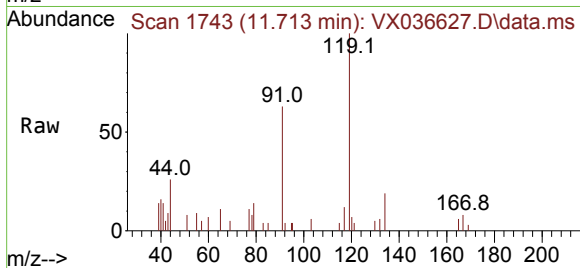
Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT3-2023

Tgt Ion:	119	Resp:	1936
Ion	Ratio	Lower	Upper
119	100		
91	61.4	31.2	93.6
134	19.0	11.7	35.0



#84

1,2,4-Trimethylbenzene

Concen: 0.210 ug/l

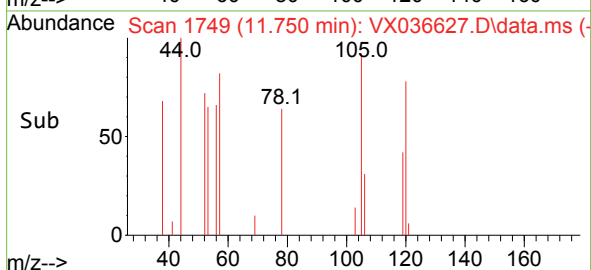
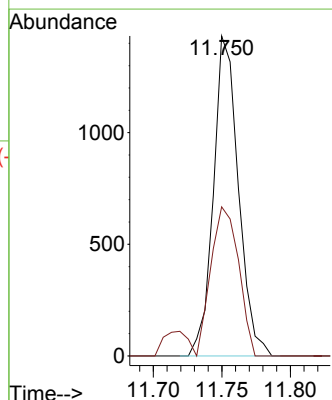
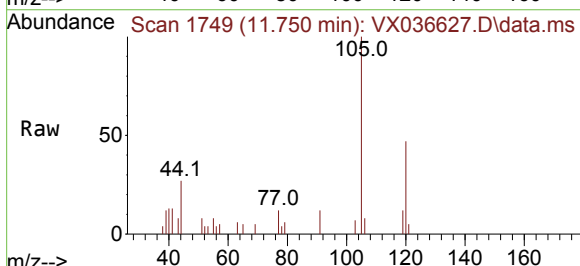
RT: 11.750 min Scan# 1749

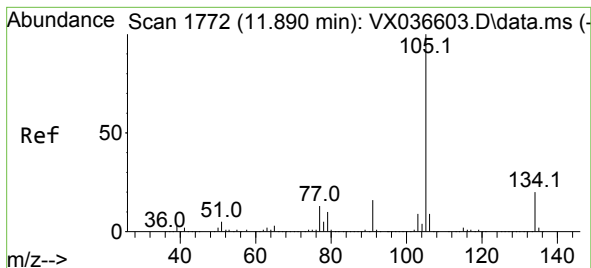
Delta R.T. 0.000 min

Lab File: VX036627.D

Acq: 24 Jul 2023 13:20

Tgt Ion:	105	Resp:	1814
Ion	Ratio	Lower	Upper
105	100		
120	51.8	21.2	63.6





#85

sec-Butylbenzene

Concen: 0.215 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VX036627.D

Acq: 24 Jul 2023 13:20

Instrument :

MSVOA_X

ClientSampleId :

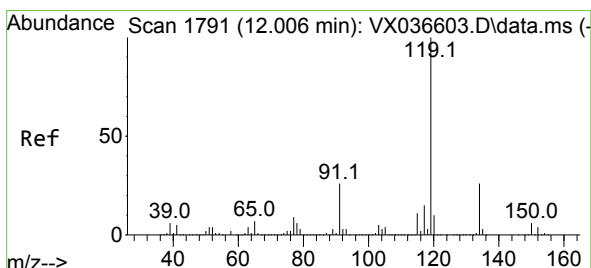
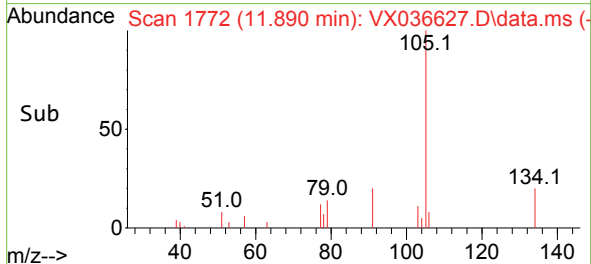
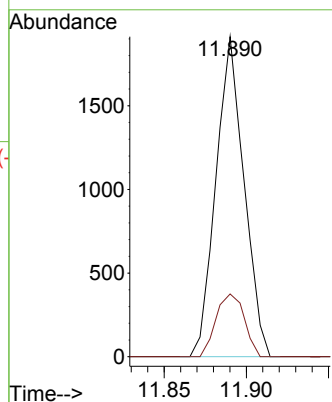
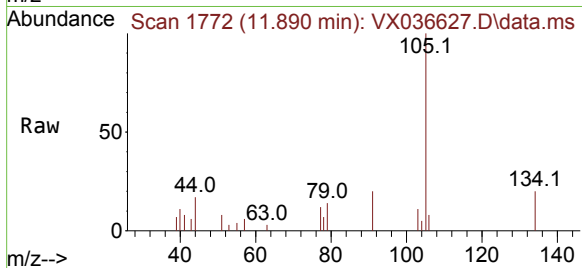
MDL-WATER-03-QT3-2023

Tgt Ion:105 Resp: 2272

Ion Ratio Lower Upper

105 100

134 19.7 9.8 29.4



#86

p-Isopropyltoluene

Concen: 0.211 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. 0.000 min

Lab File: VX036627.D

Acq: 24 Jul 2023 13:20

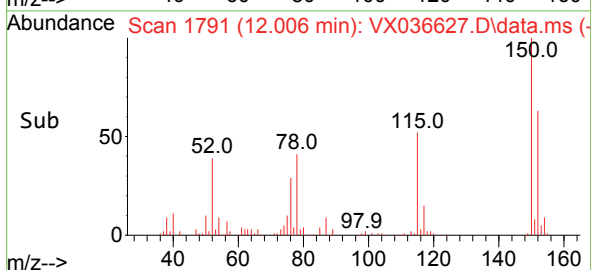
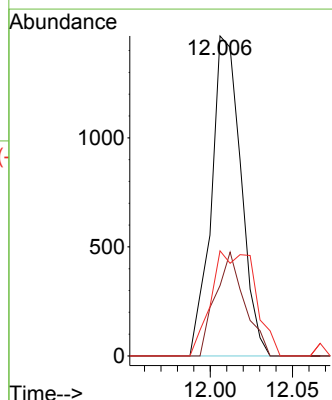
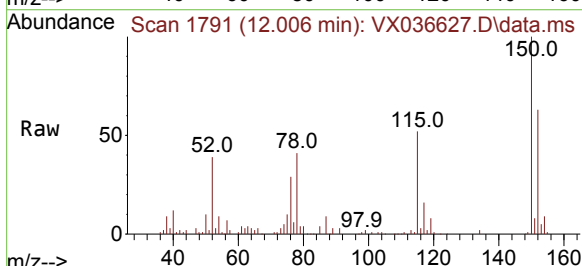
Tgt Ion:119 Resp: 1832

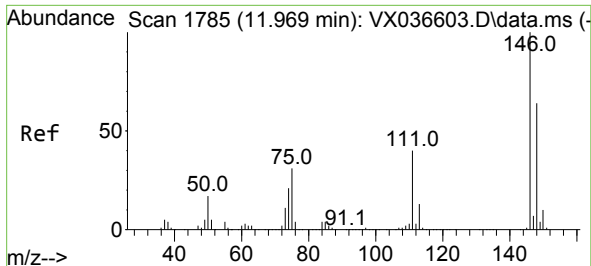
Ion Ratio Lower Upper

119 100

134 32.0 12.8 38.3

91 49.0 13.1 39.3#





#87

1,3-Dichlorobenzene

Concen: 0.271 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX036627.D

Acq: 24 Jul 2023 13:20

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT3-2023

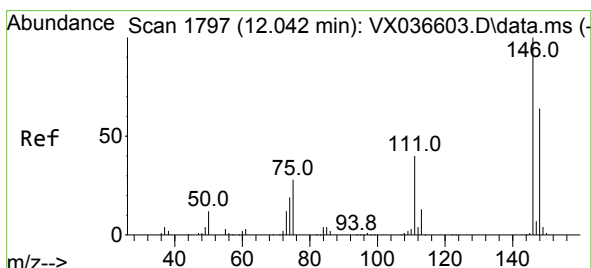
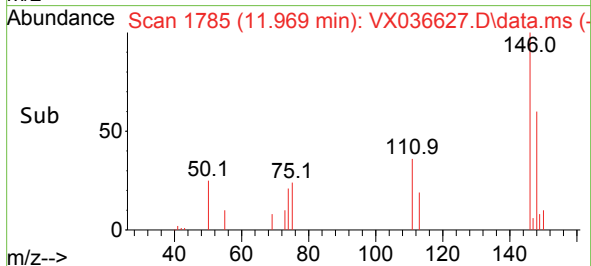
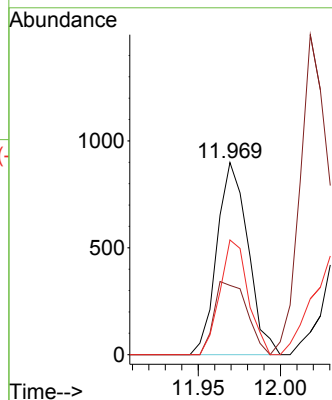
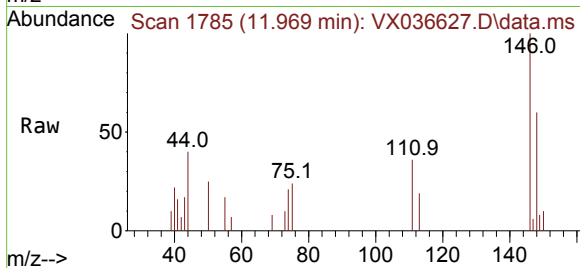
Tgt Ion:146 Resp: 1179

Ion Ratio Lower Upper

146 100

111 40.1 22.1 66.1

148 54.2 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 0.273 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.073 min

Lab File: VX036627.D

Acq: 24 Jul 2023 13:20

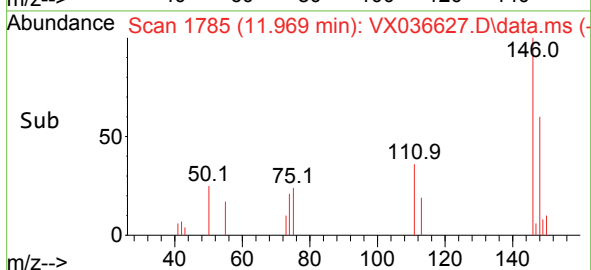
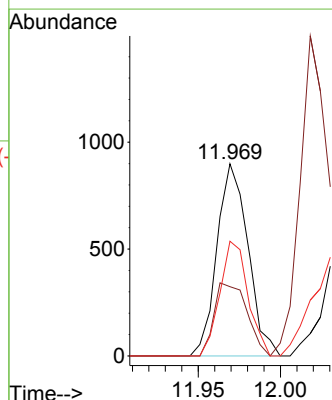
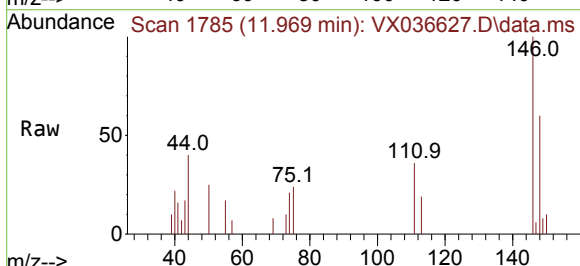
Tgt Ion:146 Resp: 1179

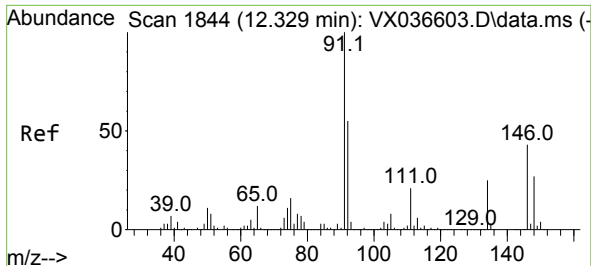
Ion Ratio Lower Upper

146 100

111 40.1 21.3 63.7

148 54.2 31.8 95.4





#89

n-Butylbenzene

Concen: 0.218 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.006 min

Lab File: VX036627.D

Acq: 24 Jul 2023 13:20

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT3-2023

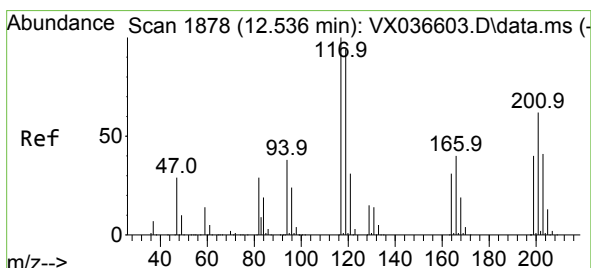
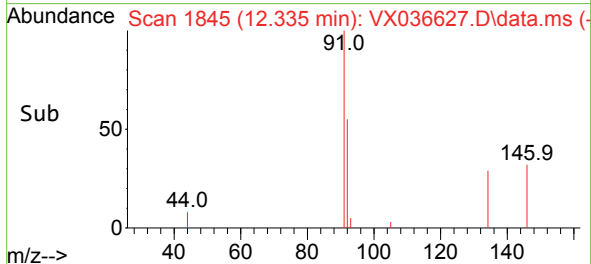
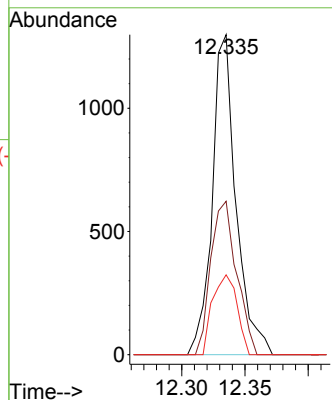
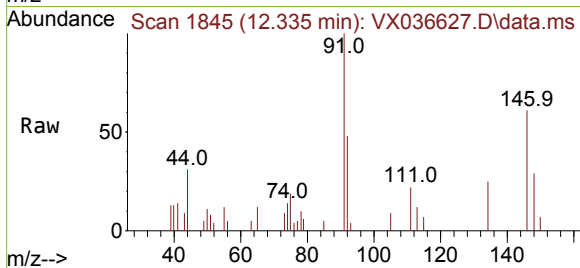
Tgt Ion: 91 Resp: 1696

Ion Ratio Lower Upper

91 100

92 52.1 27.4 82.0

134 25.5 12.6 37.8



#90

Hexachloroethane

Concen: 0.206 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX036627.D

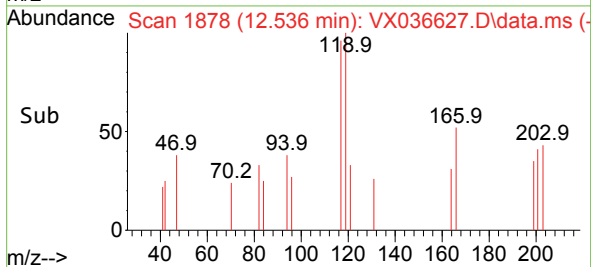
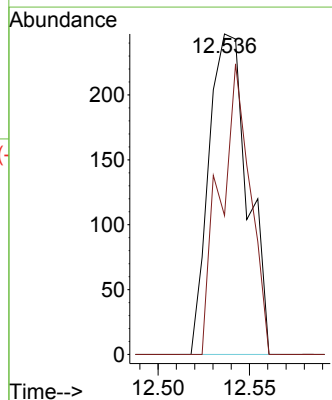
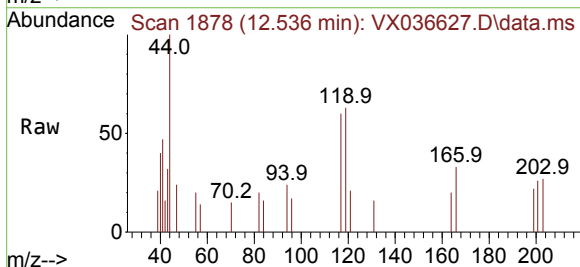
Acq: 24 Jul 2023 13:20

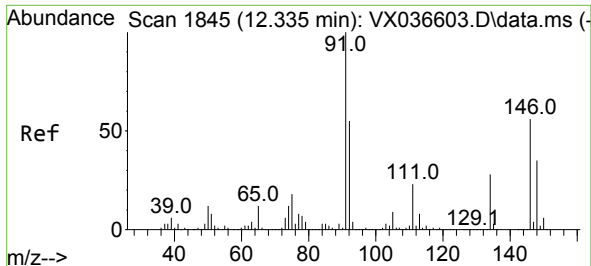
Tgt Ion: 117 Resp: 363

Ion Ratio Lower Upper

117 100

201 70.8 32.9 98.6





#91

1,2-Dichlorobenzene

Concen: 0.221 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX036627.D

Acq: 24 Jul 2023 13:20

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT3-2023

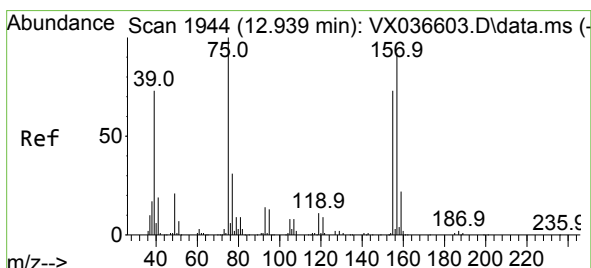
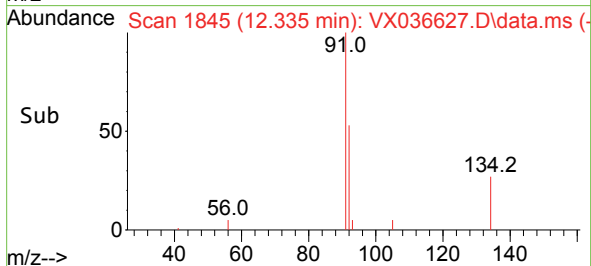
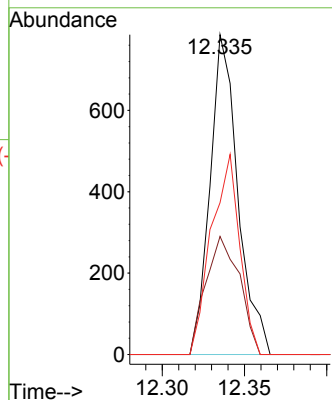
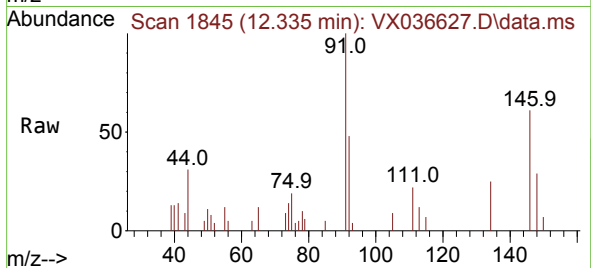
Tgt Ion:146 Resp: 926

Ion Ratio Lower Upper

146 100

111 44.6 22.4 67.0

148 63.7 31.6 95.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.180 ug/l

RT: 12.945 min Scan# 1945

Delta R.T. 0.006 min

Lab File: VX036627.D

Acq: 24 Jul 2023 13:20

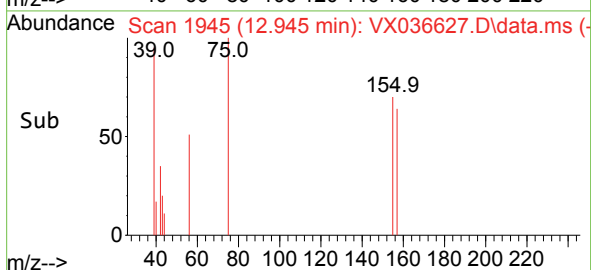
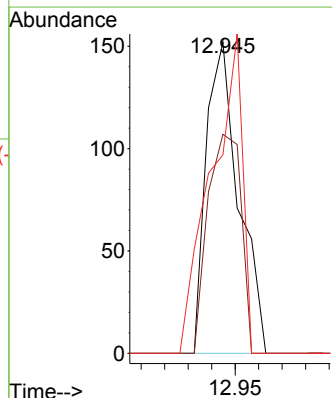
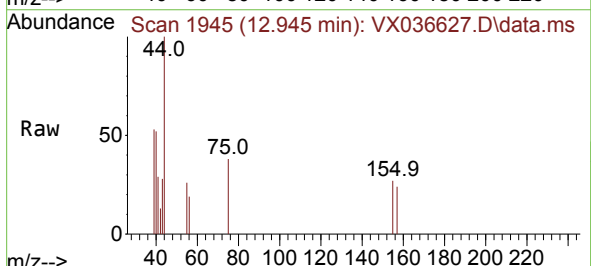
Tgt Ion: 75 Resp: 146

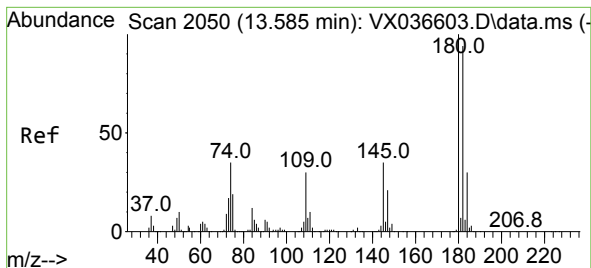
Ion Ratio Lower Upper

75 100

155 71.9 36.1 108.5

157 97.9 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 0.251 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX036627.D

Acq: 24 Jul 2023 13:20

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT3-2023

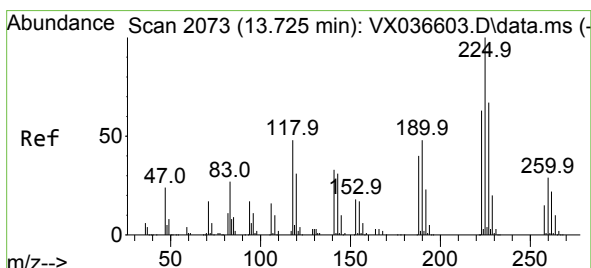
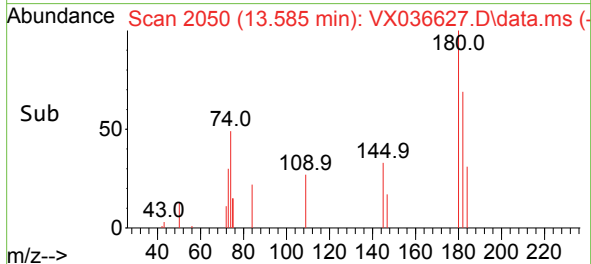
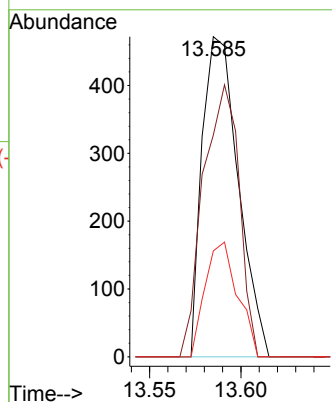
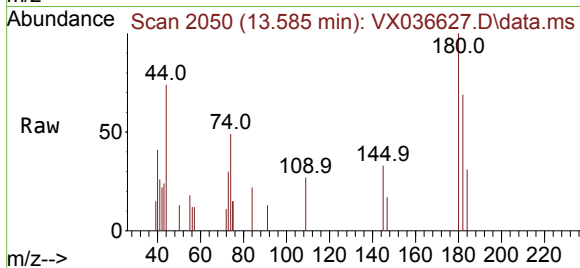
Tgt Ion:180 Resp: 649

Ion Ratio Lower Upper

180 100

182 84.3 48.3 144.8

145 32.2 18.0 54.0



#94

Hexachlorobutadiene

Concen: 0.227 ug/l

RT: 13.719 min Scan# 2072

Delta R.T. -0.006 min

Lab File: VX036627.D

Acq: 24 Jul 2023 13:20

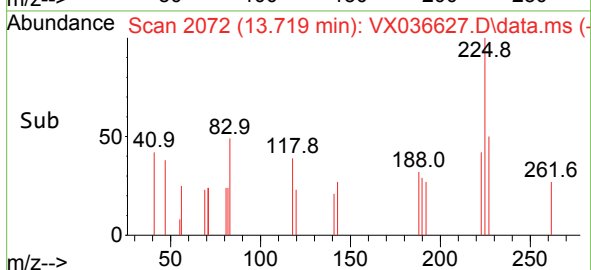
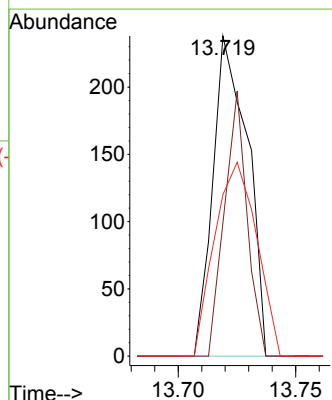
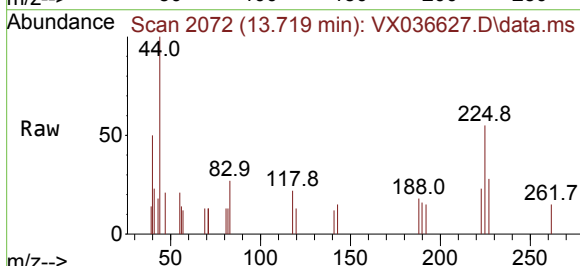
Tgt Ion:225 Resp: 243

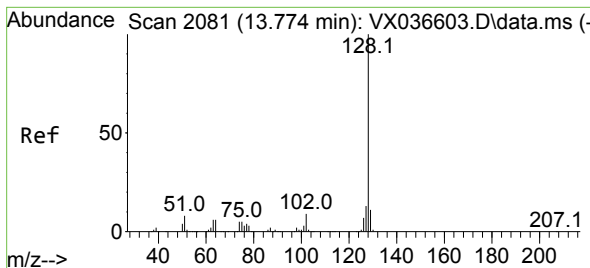
Ion Ratio Lower Upper

225 100

223 53.9 31.1 93.2

227 74.1 32.5 97.5





#95

Naphthalene

Concen: 0.258 ug/l

RT: 13.780 min Scan# 2081

Delta R.T. 0.006 min

Lab File: VX036627.D

Acq: 24 Jul 2023 13:20

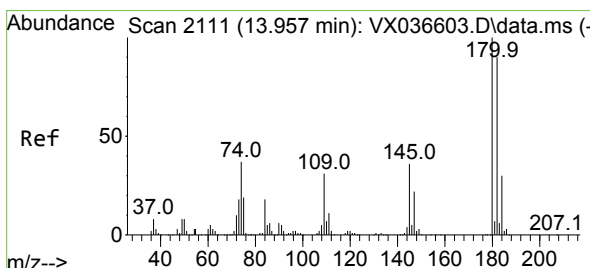
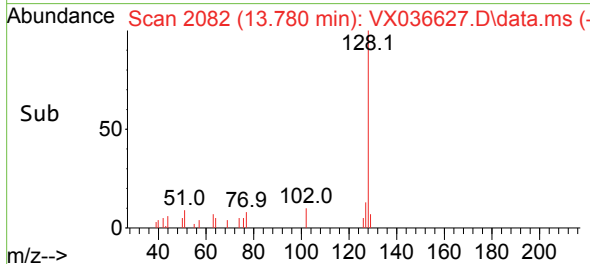
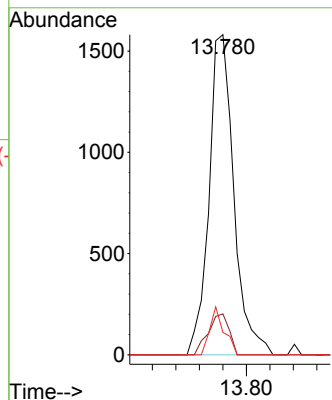
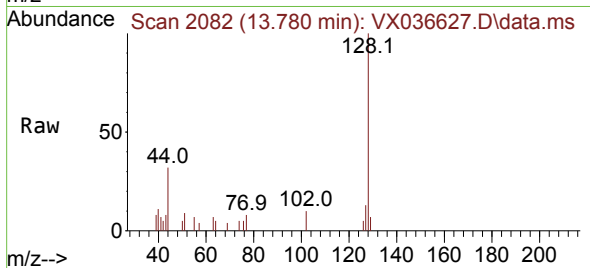
Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT3-2023

Tgt Ion:128	Resp:	2324
Ion Ratio	Lower	Upper
128	100	
127	10.7	10.3 15.5
129	8.6	8.8 13.2#



#96

1,2,3-Trichlorobenzene

Concen: 0.251 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.006 min

Lab File: VX036627.D

Acq: 24 Jul 2023 13:20

Tgt Ion:180	Resp:	640
Ion Ratio	Lower	Upper
180	100	
182	89.1	46.9 140.6
145	25.9	17.8 53.5

