

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051223\
 Data File : VX035644.D
 Acq On : 12 May 2023 17:37
 Operator : JC/MD
 Sample : 02213-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT2-2023

Quant Time: May 15 02:00:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051123W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 11 13:57:54 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	148192	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	304446	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	267707	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	114413	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	170168	65.822	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	131.640%#
35) Dibromofluoromethane	5.391	113	107679	52.445	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.900%
50) Toluene-d8	8.647	98	351358	46.323	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.640%
62) 4-Bromofluorobenzene	11.079	95	139895	45.807	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.620%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	1131	0.586	ug/l	98
3) Chloromethane	1.294	50	3074	1.312	ug/l	90
4) Vinyl Chloride	1.374	62	1779	0.894	ug/l	93
5) Bromomethane	1.611	94	1680	1.560	ug/l	91
6) Chloroethane	1.691	64	1371	1.136	ug/l	# 88
7) Trichlorofluoromethane	1.886	101	2365	0.809	ug/l	91
8) Diethyl Ether	2.136	74	1719	1.527	ug/l	83
9) 1,1,2-Trichlorotrifluo...	2.325	101	1264	0.728	ug/l	99
10) Methyl Iodide	2.453	142	1388	0.894	ug/l	# 80
11) Tert butyl alcohol	3.014	59	4051m	8.882	ug/l	
12) 1,1-Dichloroethene	2.319	96	1477	0.895	ug/l	# 82
13) Acrolein	2.245	56	3754	6.935	ug/l	98
14) Allyl chloride	2.666	41	4480	1.267	ug/l	# 94
15) Acrylonitrile	3.081	53	7731	7.697	ug/l	95
16) Acetone	2.398	43	9321	8.389	ug/l	99
17) Carbon Disulfide	2.508	76	3067	0.770	ug/l	99
18) Methyl Acetate	2.709	43	6092	1.487	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	9224	1.405	ug/l	99
20) Methylene Chloride	2.794	84	3418	1.697	ug/l	# 87
21) trans-1,2-Dichloroethene	3.093	96	2099	1.161	ug/l	# 79
22) Diisopropyl ether	3.757	45	9206	1.330	ug/l	93
23) Vinyl Acetate	3.727	43	31412	6.413	ug/l	98
24) 1,1-Dichloroethane	3.611	63	4505	1.217	ug/l	97
25) 2-Butanone	4.580	43	12445	8.091	ug/l	100
26) 2,2-Dichloropropane	4.471	77	2822	0.900	ug/l	90
27) cis-1,2-Dichloroethene	4.489	96	2633	1.211	ug/l	91
28) Bromochloromethane	4.903	49	2172	1.304	ug/l	# 99
29) Tetrahydrofuran	5.038	42	7904	8.176	ug/l	96
30) Chloroform	5.092	83	5010	1.321	ug/l	92
31) Cyclohexane	5.464	56	2402	0.735	ug/l	88
32) 1,1,1-Trichloroethane	5.379	97	3205	0.971	ug/l	# 51
36) 1,1-Dichloropropene	5.696	75	2853	0.880	ug/l	90
37) Ethyl Acetate	4.721	43	4616	1.366	ug/l	# 92
38) Carbon Tetrachloride	5.672	117	2072	0.675	ug/l	# 81
39) Methylcyclohexane	7.385	83	2189	0.574	ug/l	96
40) Benzene	6.043	78	9519	1.050	ug/l	96

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	2554	1.273	ug/l	93
42) 1,2-Dichloroethane	6.092	62	4950	1.269	ug/l	91
43) Isopropyl Acetate	6.342	43	7374	1.251	ug/l	97
44) Trichloroethene	7.129	130	1960	0.853	ug/l	93
45) 1,2-Dichloropropane	7.427	63	2671	1.112	ug/l	100
46) Dibromomethane	7.586	93	1781	1.084	ug/l	98
47) Bromodichloromethane	7.824	83	3164	0.996	ug/l #	98
48) Methyl methacrylate	7.696	41	3606	1.240	ug/l	92
49) 1,4-Dioxane	7.732	88	1971	32.602	ug/l #	23
51) 4-Methyl-2-Pentanone	8.573	43	22310	6.570	ug/l	97
52) Toluene	8.720	92	5587	0.976	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	2778	0.805	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	3285	0.888	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	2600	1.157	ug/l #	90
56) Ethyl methacrylate	9.116	69	3789	1.041	ug/l	91
57) 1,3-Dichloropropane	9.311	76	4364	1.071	ug/l	95
58) 2-Chloroethyl Vinyl ether	8.244	63	11487	6.203	ug/l	98
59) 2-Hexanone	9.433	43	16123	6.304	ug/l	97
60) Dibromochloromethane	9.525	129	1775	0.828	ug/l	98
61) 1,2-Dibromoethane	9.610	107	2543	1.074	ug/l	96
64) Tetrachloroethene	9.275	164	1602	0.889	ug/l	89
65) Chlorobenzene	10.079	112	5950	1.018	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	1741	0.843	ug/l #	62
67) Ethyl Benzene	10.195	91	10010	0.911	ug/l	99
68) m/p-Xylenes	10.299	106	7138	1.757	ug/l	95
69) o-Xylene	10.640	106	3831	0.950	ug/l	87
70) Styrene	10.659	104	5413	0.833	ug/l #	90
71) Bromoform	10.799	173	1158	0.852	ug/l #	94
73) Isopropylbenzene	10.963	105	8650	0.897	ug/l	97
74) N-amyl acetate	10.847	43	5106	1.136	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.213	83	3878	1.240	ug/l	97
76) 1,2,3-Trichloropropane	11.238	75	3641m	1.301	ug/l	
77) Bromobenzene	11.201	156	2468	1.128	ug/l	92
78) n-propylbenzene	11.305	91	10085	0.890	ug/l	98
79) 2-Chlorotoluene	11.366	91	7156	1.009	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	7151	0.873	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	661m	0.761	ug/l	
82) 4-Chlorotoluene	11.457	91	7653	0.937	ug/l	99
83) tert-Butylbenzene	11.713	119	6987	0.877	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	8179	0.994	ug/l	95
85) sec-Butylbenzene	11.890	105	7361	0.736	ug/l	96
86) p-Isopropyltoluene	12.012	119	6084	0.740	ug/l	87
87) 1,3-Dichlorobenzene	11.969	146	4004	0.963	ug/l	95
88) 1,4-Dichlorobenzene	12.042	146	4784m	1.140	ug/l	
89) n-Butylbenzene	12.335	91	5194	0.694	ug/l	100
90) Hexachloroethane	12.536	117	768	0.616	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	4532	1.113	ug/l	92
92) 1,2-Dibromo-3-Chloropr...	12.945	75	745	1.070	ug/l	76
93) 1,2,4-Trichlorobenzene	13.591	180	2247	0.917	ug/l	95
94) Hexachlorobutadiene	13.725	225	665	0.684	ug/l	89
95) Naphthalene	13.774	128	9273	1.105	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	2427	1.007	ug/l	99

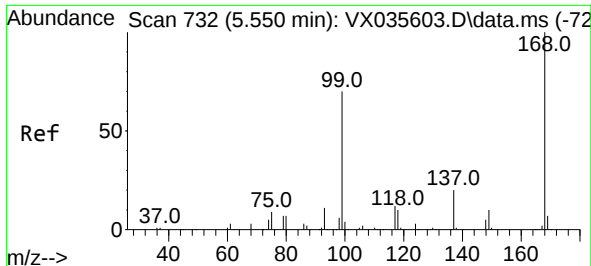
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051223\
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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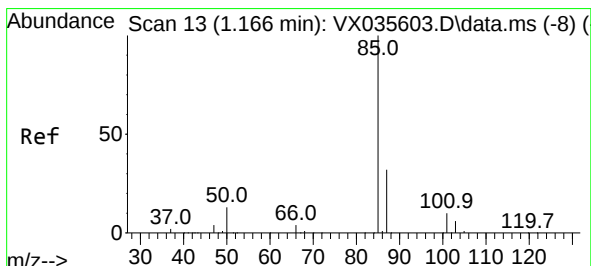
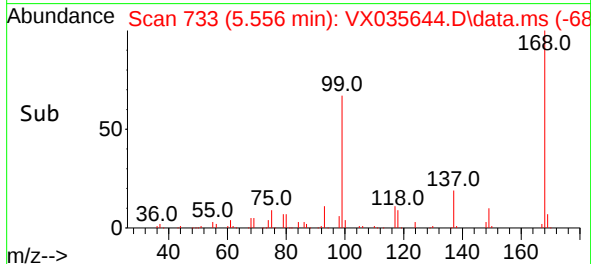
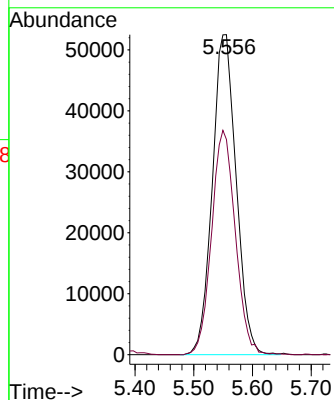
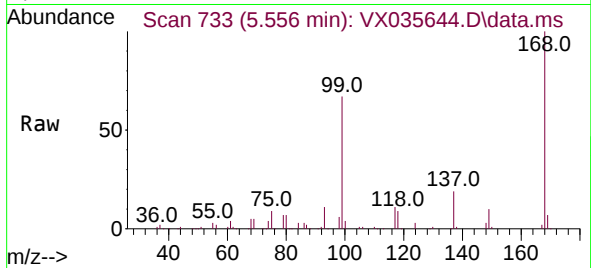
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX035644.D
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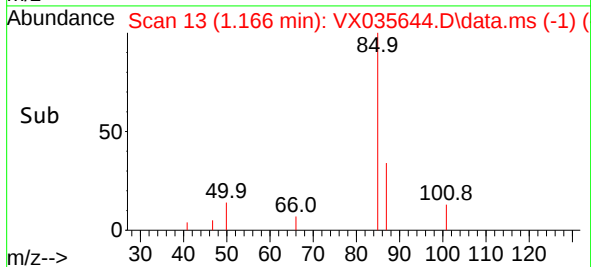
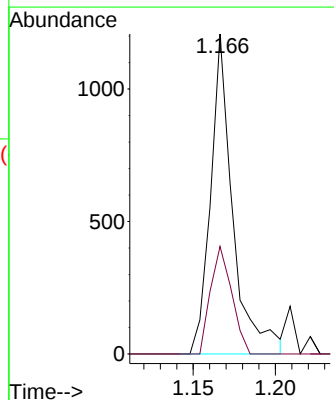
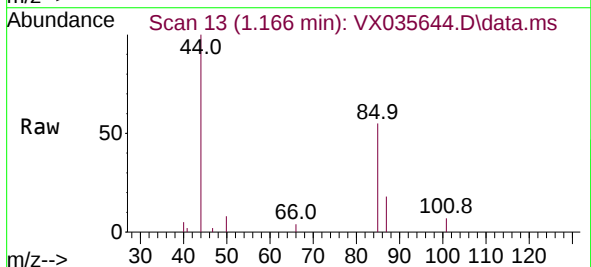
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MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2023

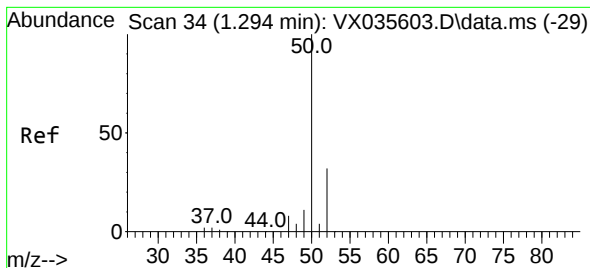
Tgt Ion:168 Resp: 148192
Ion Ratio Lower Upper
168 100
99 67.3 45.7 68.5



#2
Dichlorodifluoromethane
Concen: 0.586 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX035644.D
Acq: 12 May 2023 17:37

Tgt Ion: 85 Resp: 1131
Ion Ratio Lower Upper
85 100
87 33.6 16.4 49.1





#3

Chloromethane

Concen: 1.312 ug/l

RT: 1.294 min Scan# 34

Delta R.T. 0.000 min

Lab File: VX035644.D

Acq: 12 May 2023 17:37

Instrument :

MSVOA_X

ClientSampleId :

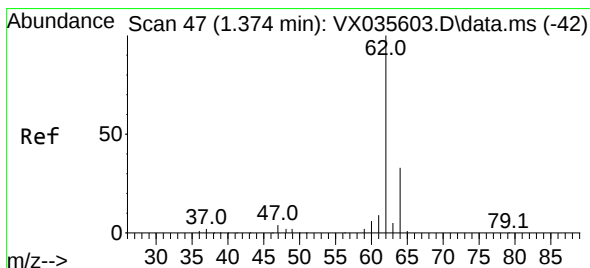
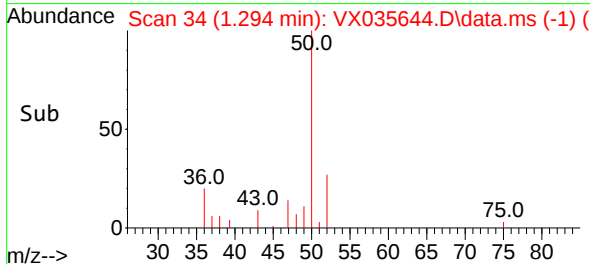
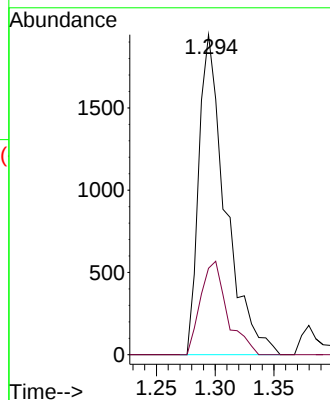
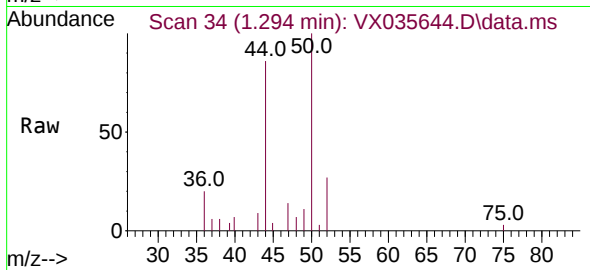
LOQ-WATER-02-QT2-2023

Tgt Ion: 50 Resp: 3074

Ion Ratio Lower Upper

50 100

52 27.0 25.9 38.9



#4

Vinyl Chloride

Concen: 0.894 ug/l

RT: 1.374 min Scan# 47

Delta R.T. -0.000 min

Lab File: VX035644.D

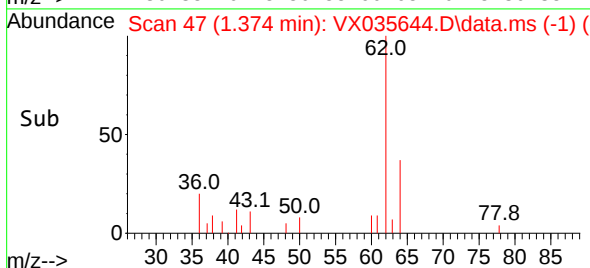
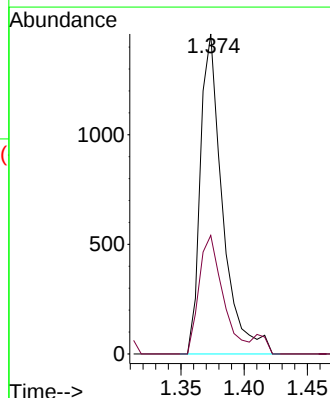
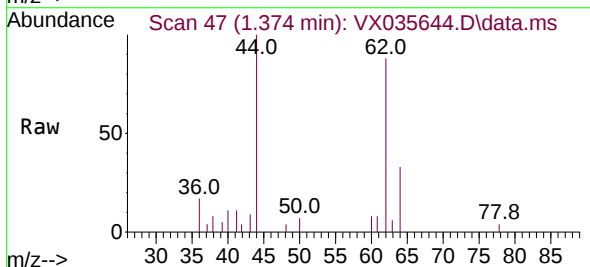
Acq: 12 May 2023 17:37

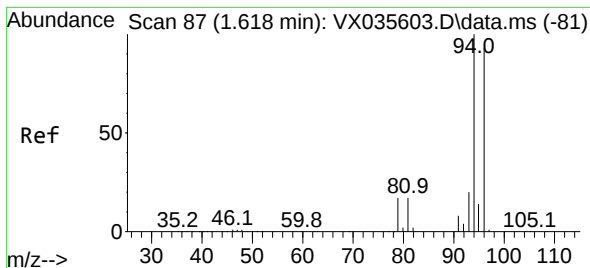
Tgt Ion: 62 Resp: 1779

Ion Ratio Lower Upper

62 100

64 37.1 26.4 39.6





#5

Bromomethane

Concen: 1.560 ug/l

RT: 1.611 min Scan# 80

Delta R.T. -0.007 min

Lab File: VX035644.D

Acq: 12 May 2023 17:37

Instrument :

MSVOA_X

ClientSampleId :

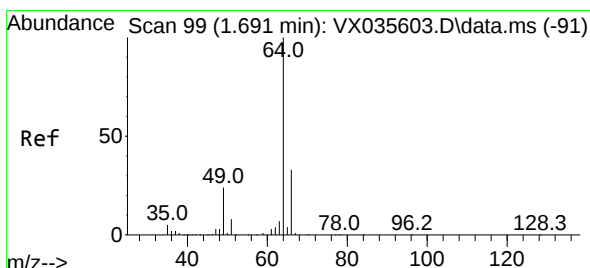
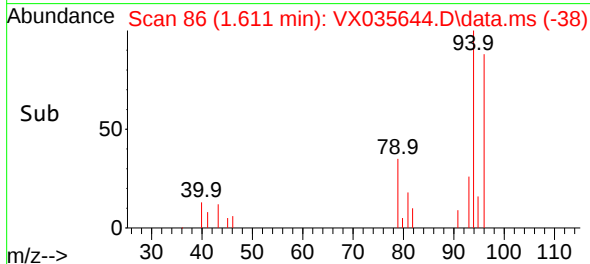
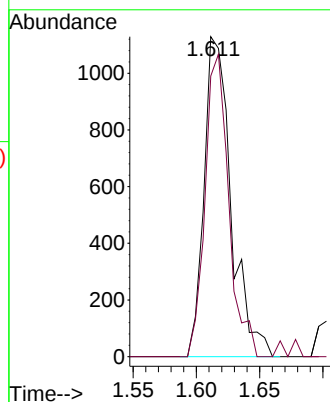
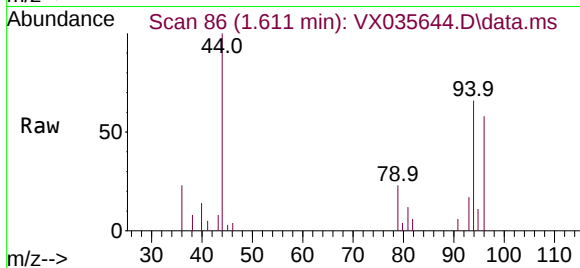
LOQ-WATER-02-QT2-2023

Tgt Ion: 94 Resp: 1680

Ion Ratio Lower Upper

94 100

96 87.7 77.0 115.6



#6

Chloroethane

Concen: 1.136 ug/l

RT: 1.691 min Scan# 99

Delta R.T. -0.000 min

Lab File: VX035644.D

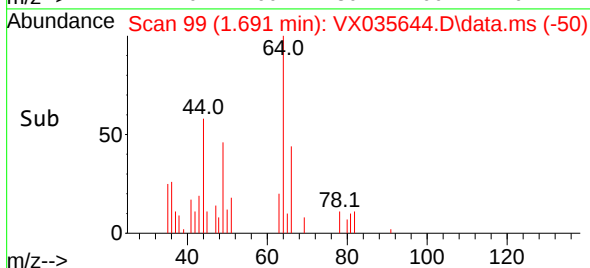
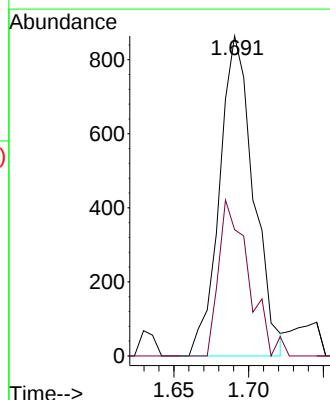
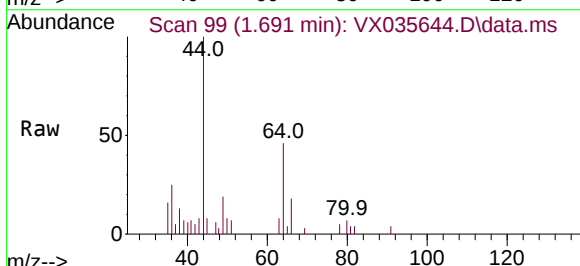
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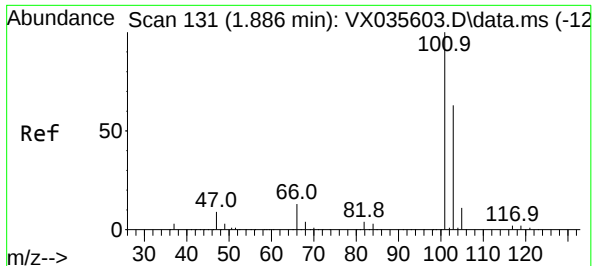
Tgt Ion: 64 Resp: 1371

Ion Ratio Lower Upper

64 100

66 39.5 26.2 39.4#

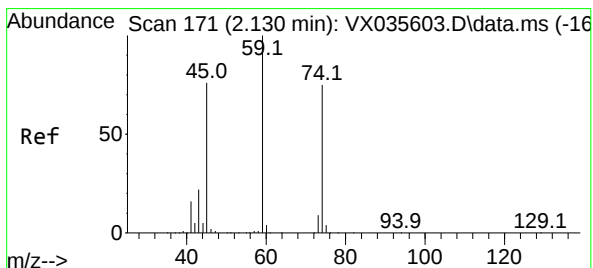
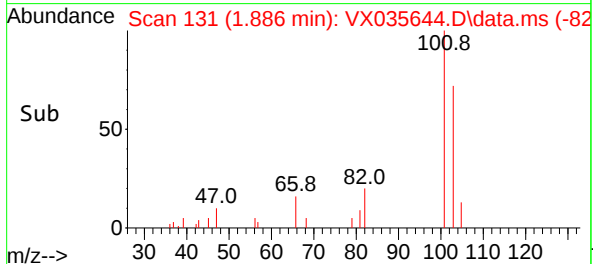
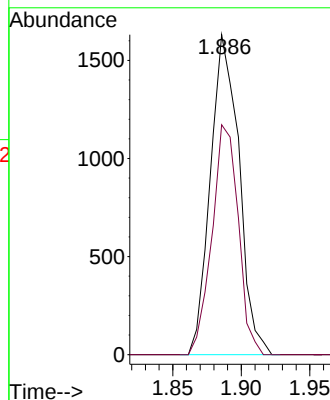
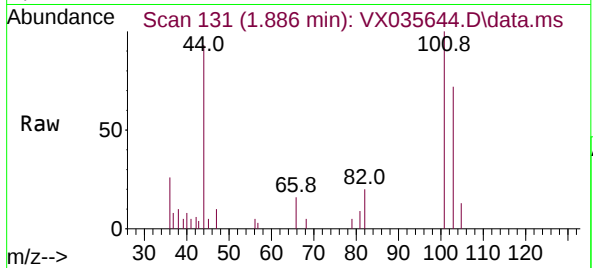




#7
 Trichlorofluoromethane
 Concen: 0.809 ug/l
 RT: 1.886 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX035644.D
 Acq: 12 May 2023 17:37

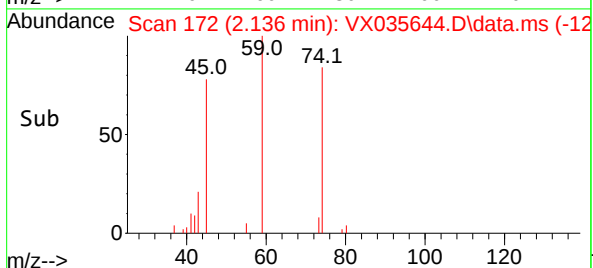
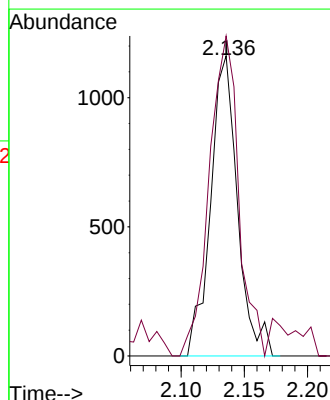
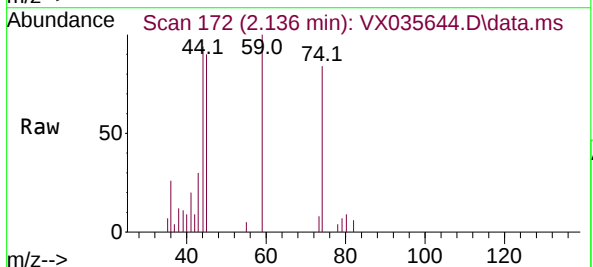
Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT2-2023

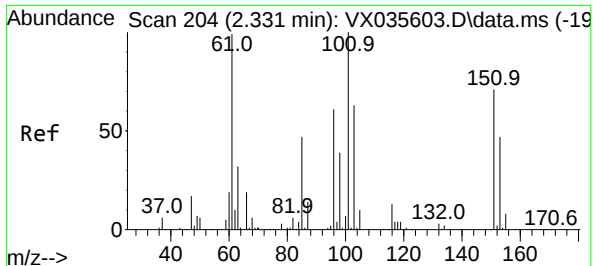
Tgt Ion:101 Resp: 2365
 Ion Ratio Lower Upper
 101 100
 103 71.9 52.0 78.0



#8
 Diethyl Ether
 Concen: 1.527 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. 0.006 min
 Lab File: VX035644.D
 Acq: 12 May 2023 17:37

Tgt Ion: 74 Resp: 1719
 Ion Ratio Lower Upper
 74 100
 45 116.6 49.8 149.3

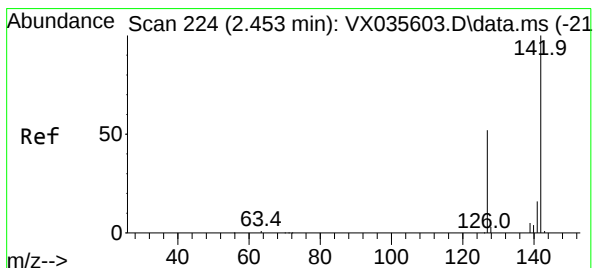
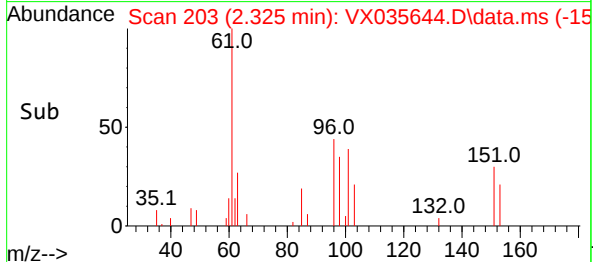
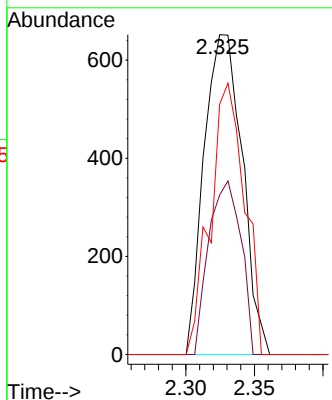
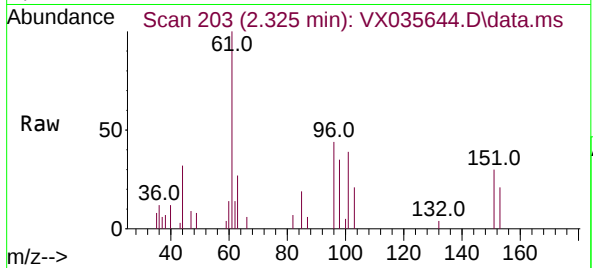




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.728 ug/l
RT: 2.325 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX035644.D
Acq: 12 May 2023 17:37

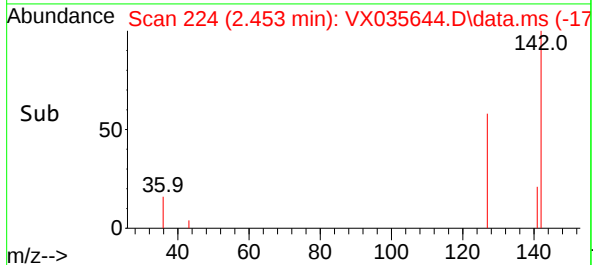
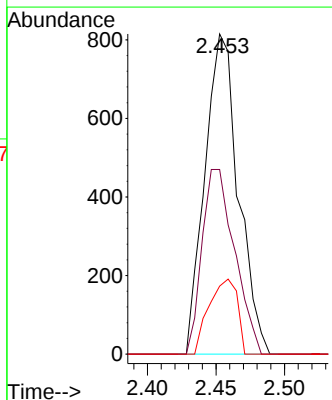
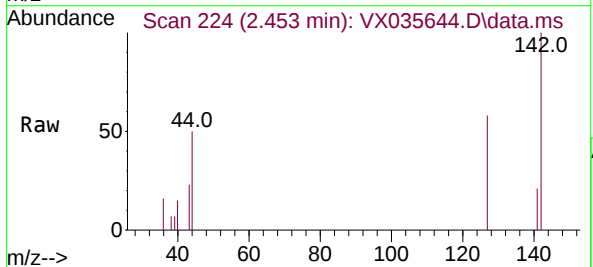
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2023

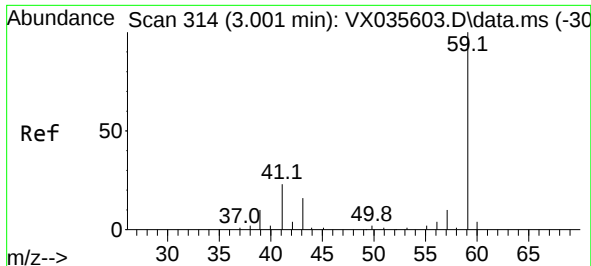
Tgt Ion:101 Resp: 1264
Ion Ratio Lower Upper
101 100
85 45.7 35.4 53.2
151 76.2 60.2 90.4



#10
Methyl Iodide
Concen: 0.894 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX035644.D
Acq: 12 May 2023 17:37

Tgt Ion:142 Resp: 1388
Ion Ratio Lower Upper
142 100
127 56.0 34.0 51.0#
141 19.7 11.1 16.7#

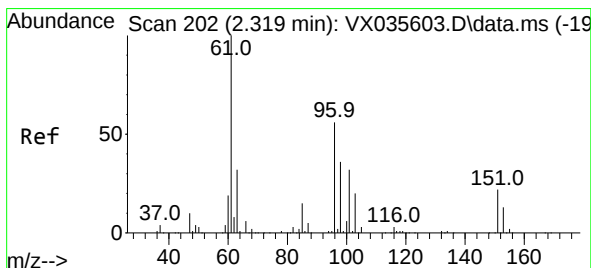
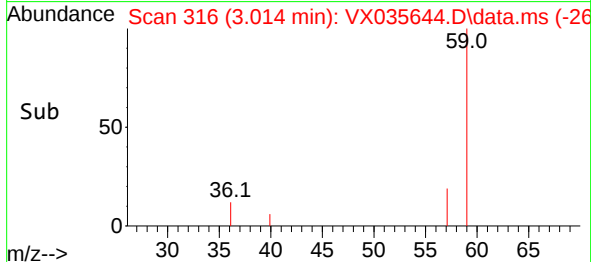
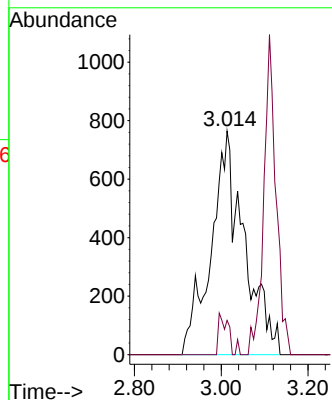
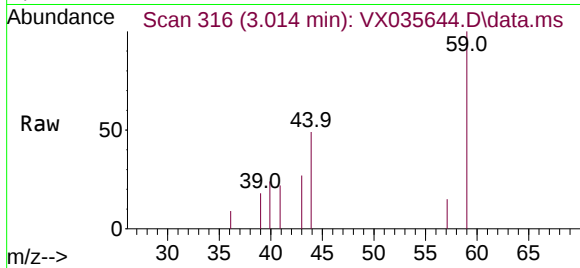




#11
Tert butyl alcohol
Concen: 8.882 ug/l m
RT: 3.014 min Scan# 314
Delta R.T. 0.013 min
Lab File: VX035644.D
Acq: 12 May 2023 17:37

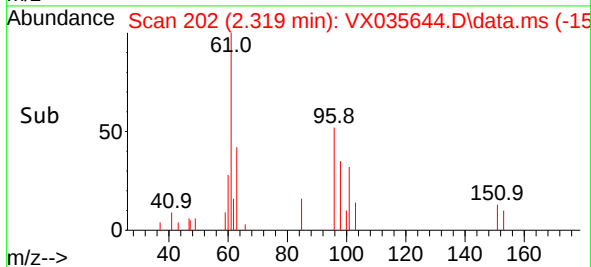
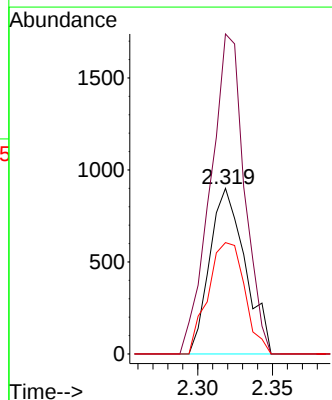
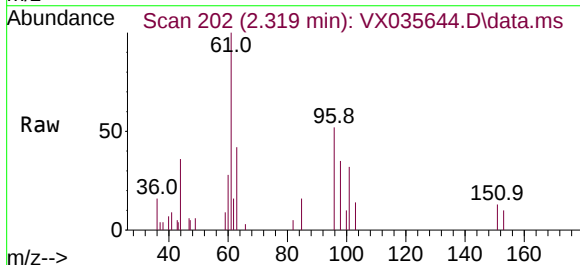
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2023

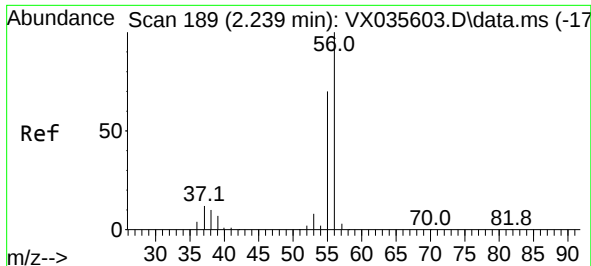
Tgt Ion: 59 Resp: 4051
Ion Ratio Lower Upper
59 100
57 5.0 8.1 12.1#



#12
1,1-Dichloroethene
Concen: 0.895 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX035644.D
Acq: 12 May 2023 17:37

Tgt Ion: 96 Resp: 1477
Ion Ratio Lower Upper
96 100
61 193.2 128.8 193.2#
98 67.2 51.4 77.0





#13

Acrolein

Concen: 6.935 ug/l

RT: 2.245 min Scan# 189

Delta R.T. 0.006 min

Lab File: VX035644.D

Acq: 12 May 2023 17:37

Instrument :

MSVOA_X

ClientSampleId :

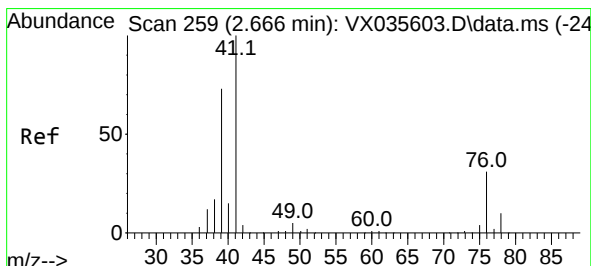
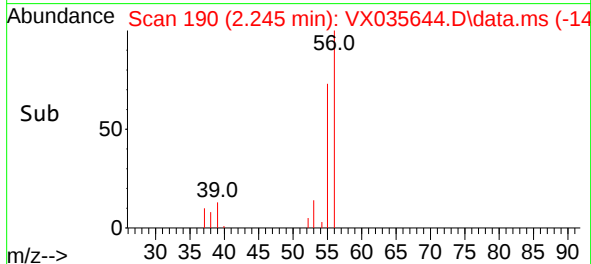
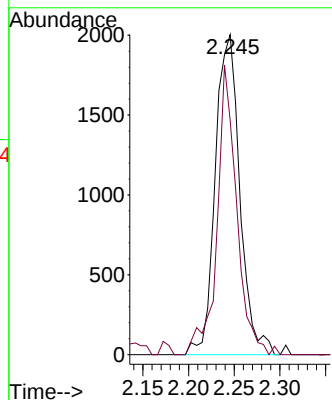
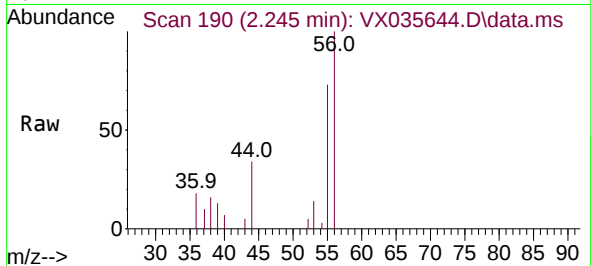
LOQ-WATER-02-QT2-2023

Tgt Ion: 56 Resp: 3754

Ion Ratio Lower Upper

56 100

55 72.4 56.6 85.0



#14

Allyl chloride

Concen: 1.267 ug/l

RT: 2.666 min Scan# 259

Delta R.T. 0.000 min

Lab File: VX035644.D

Acq: 12 May 2023 17:37

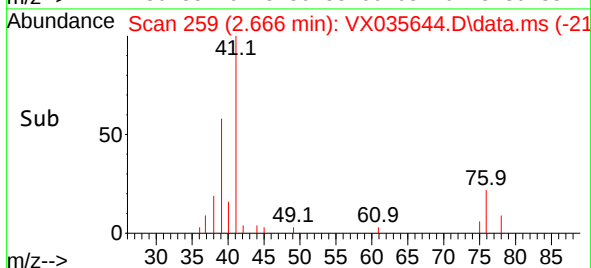
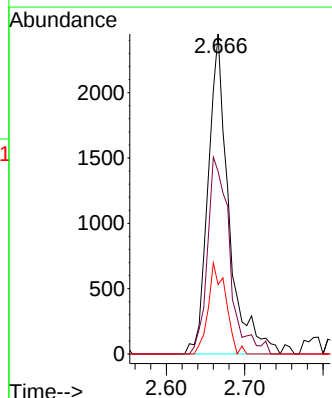
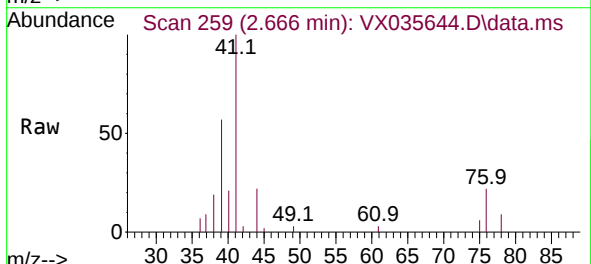
Tgt Ion: 41 Resp: 4480

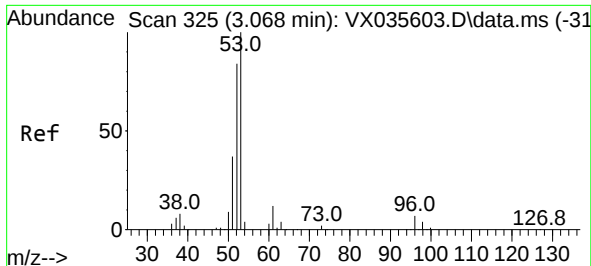
Ion Ratio Lower Upper

41 100

39 66.3 52.4 78.6

76 24.0 26.0 39.0#





#15

Acrylonitrile

Concen: 7.697 ug/l

RT: 3.081 min Scan# 31

Delta R.T. 0.013 min

Lab File: VX035644.D

Acq: 12 May 2023 17:37

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2023

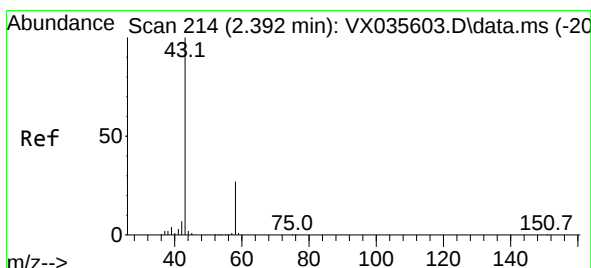
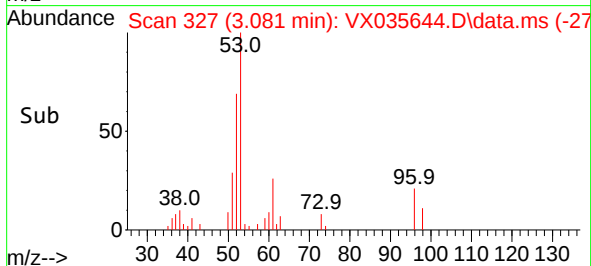
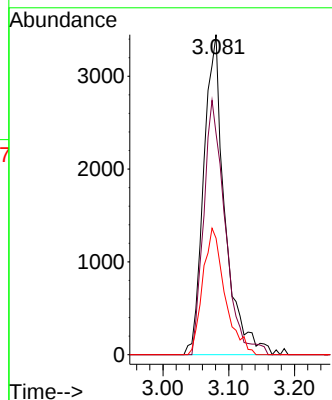
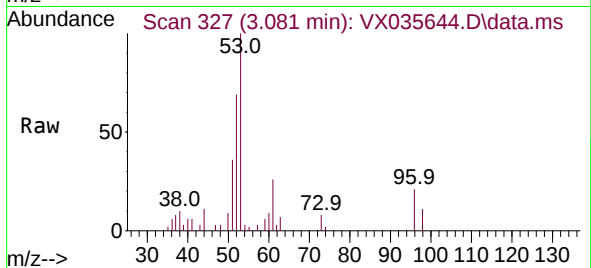
Tgt Ion: 53 Resp: 7731

Ion Ratio Lower Upper

53 100

52 80.6 66.2 99.2

51 41.2 28.3 42.5



#16

Acetone

Concen: 8.389 ug/l

RT: 2.398 min Scan# 215

Delta R.T. 0.006 min

Lab File: VX035644.D

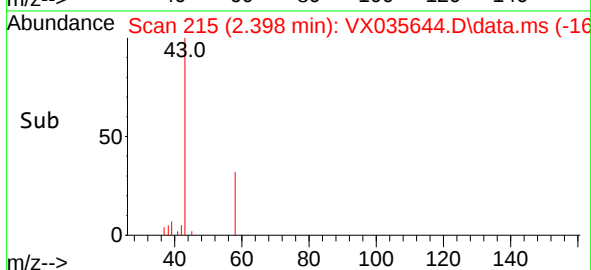
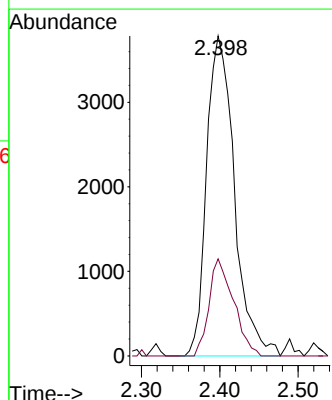
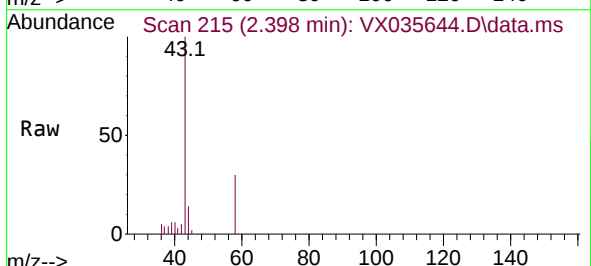
Acq: 12 May 2023 17:37

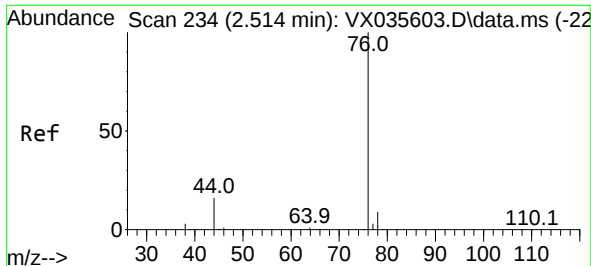
Tgt Ion: 43 Resp: 9321

Ion Ratio Lower Upper

43 100

58 30.4 24.7 37.1

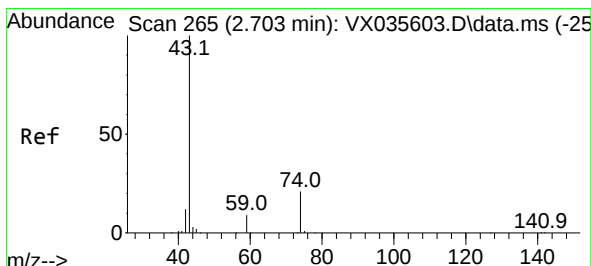
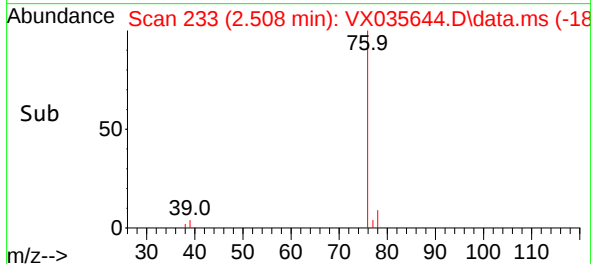
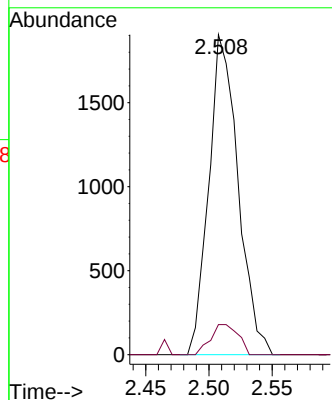
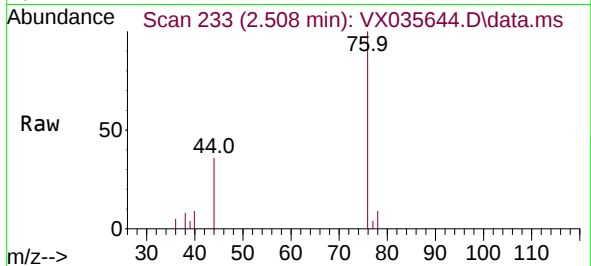




#17
Carbon Disulfide
Concen: 0.770 ug/l
RT: 2.508 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX035644.D
Acq: 12 May 2023 17:37

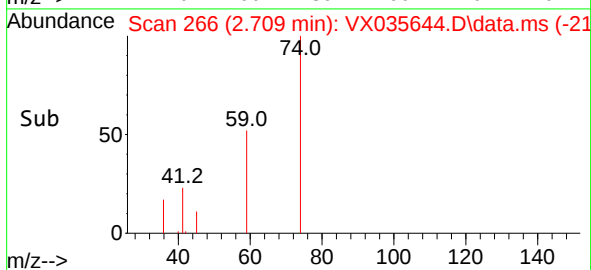
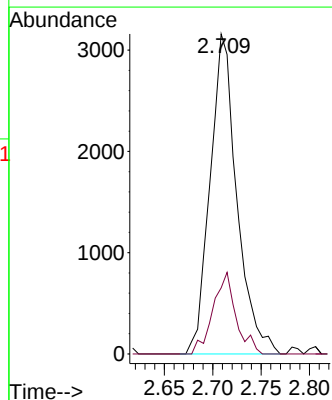
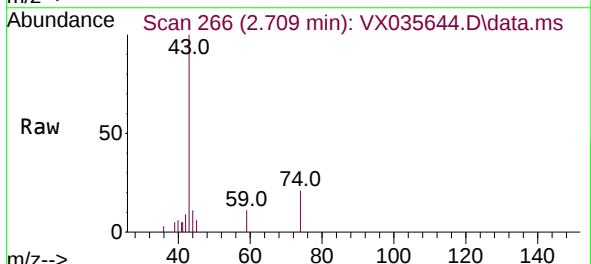
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2023

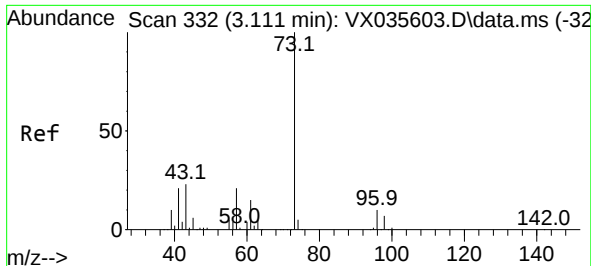
Tgt Ion: 76 Resp: 3067
Ion Ratio Lower Upper
76 100
78 9.4 7.2 10.8



#18
Methyl Acetate
Concen: 1.487 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX035644.D
Acq: 12 May 2023 17:37

Tgt Ion: 43 Resp: 6092
Ion Ratio Lower Upper
43 100
74 21.8 18.3 27.5

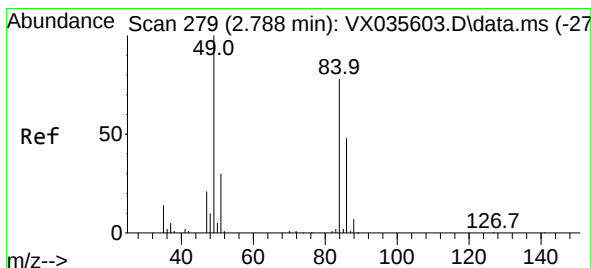
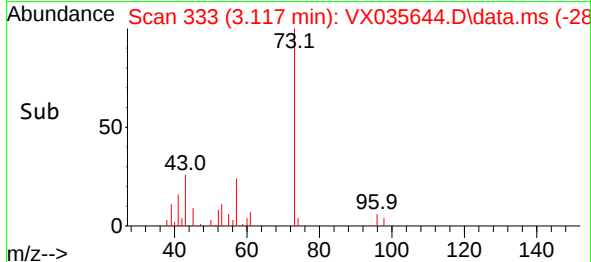
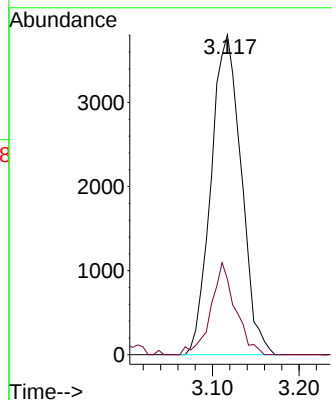
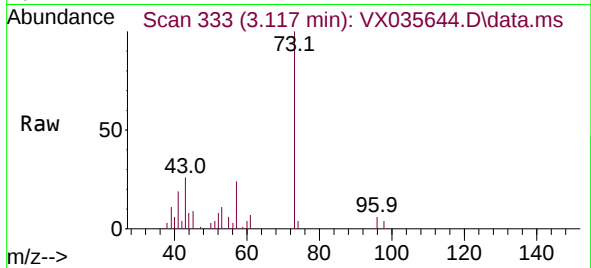




#19
Methyl tert-butyl Ether
Concen: 1.405 ug/l
RT: 3.117 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX035644.D
Acq: 12 May 2023 17:37

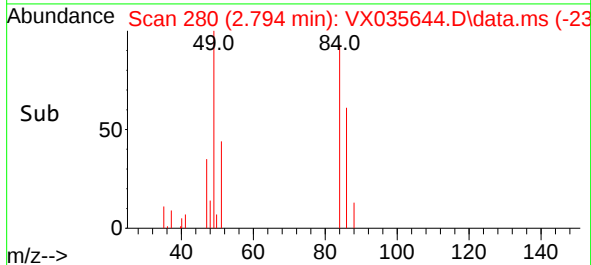
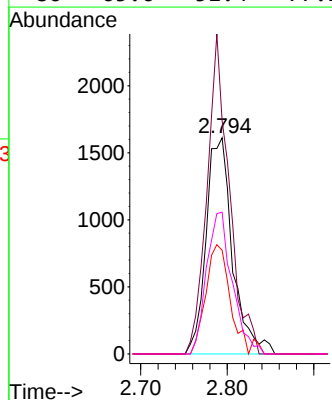
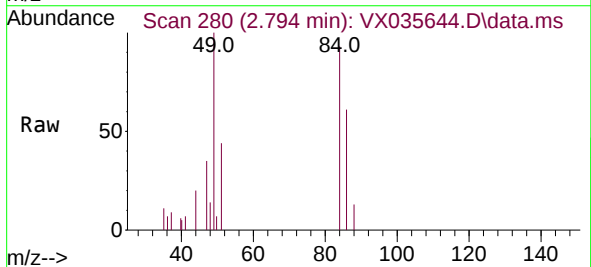
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2023

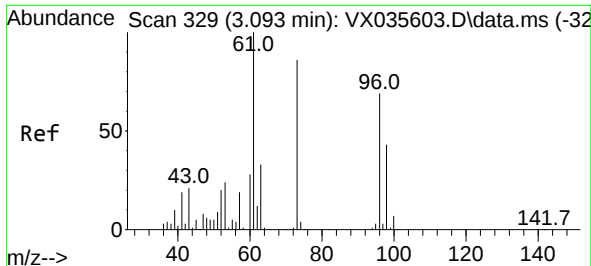
Tgt Ion: 73 Resp: 9224
Ion Ratio Lower Upper
73 100
57 23.6 18.5 27.7



#20
Methylene Chloride
Concen: 1.697 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX035644.D
Acq: 12 May 2023 17:37

Tgt Ion: 84 Resp: 3418
Ion Ratio Lower Upper
84 100
49 107.8 103.8 155.8
51 48.0 31.8 47.8#
86 65.6 51.4 77.2

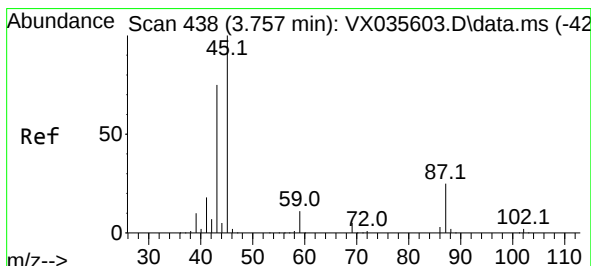
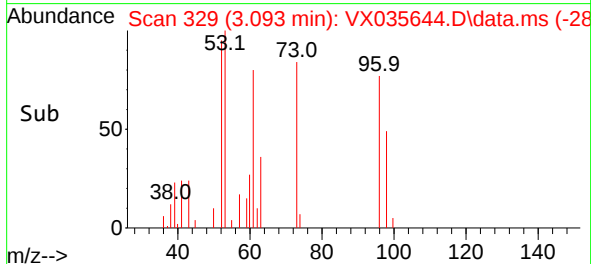
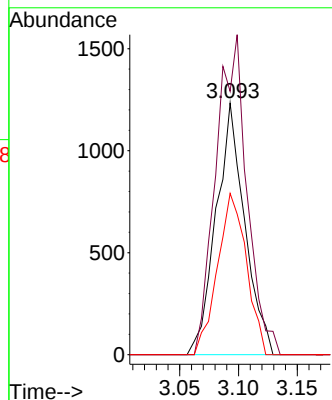
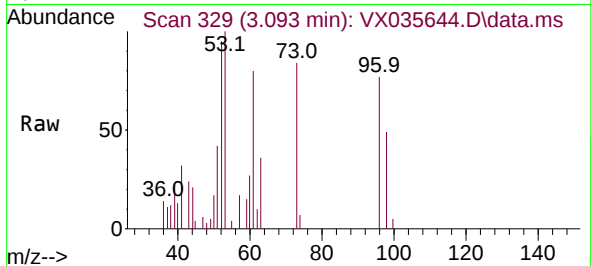




#21
trans-1,2-Dichloroethene
Concen: 1.161 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX035644.D
Acq: 12 May 2023 17:37

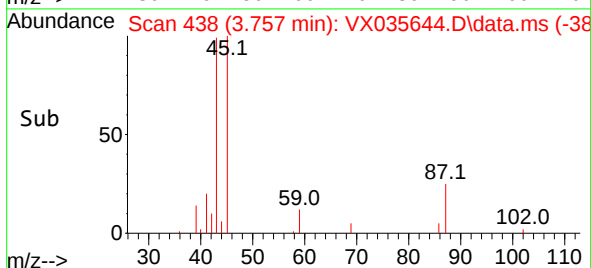
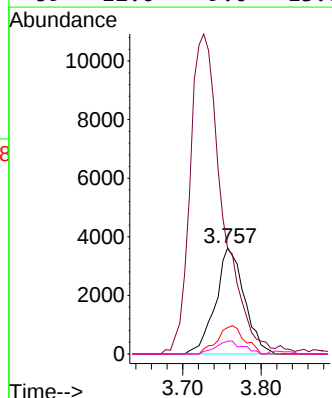
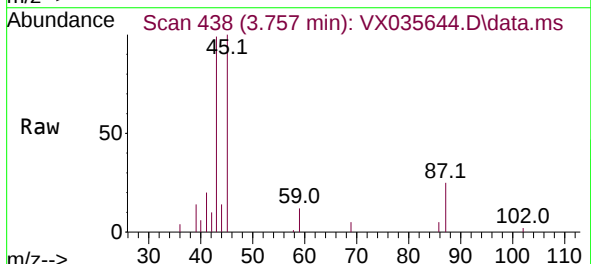
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2023

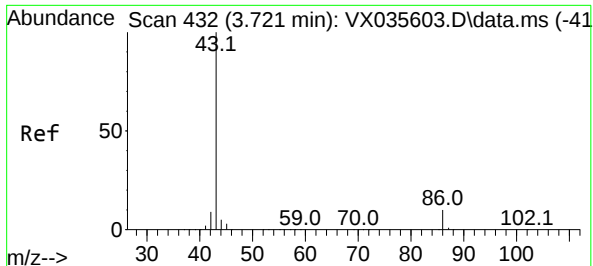
Tgt Ion: 96 Resp: 2099
Ion Ratio Lower Upper
96 100
61 104.6 113.0 169.6#
98 64.1 52.1 78.1



#22
Diisopropyl ether
Concen: 1.330 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX035644.D
Acq: 12 May 2023 17:37

Tgt Ion: 45 Resp: 9206
Ion Ratio Lower Upper
45 100
43 90.7 65.4 98.2
87 24.8 20.6 31.0
59 12.0 9.0 13.6

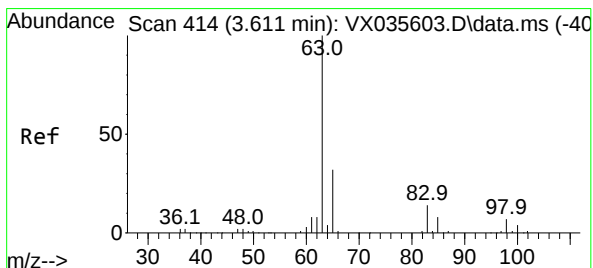
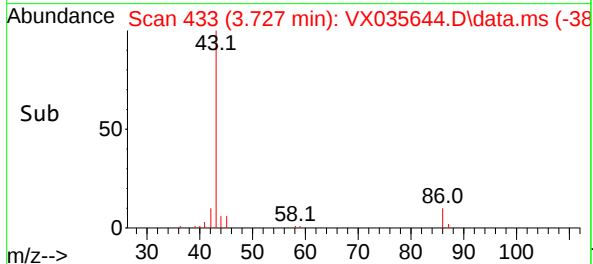
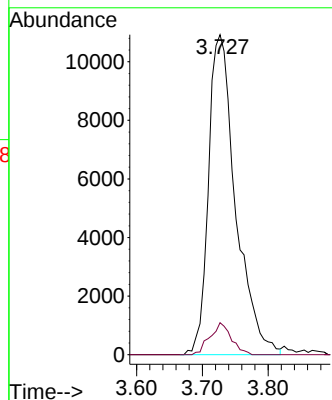
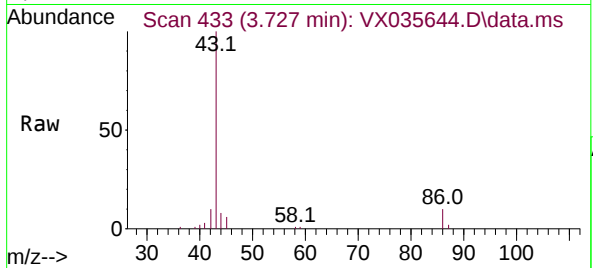




#23
 Vinyl Acetate
 Concen: 6.413 ug/l
 RT: 3.727 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: VX035644.D
 Acq: 12 May 2023 17:37

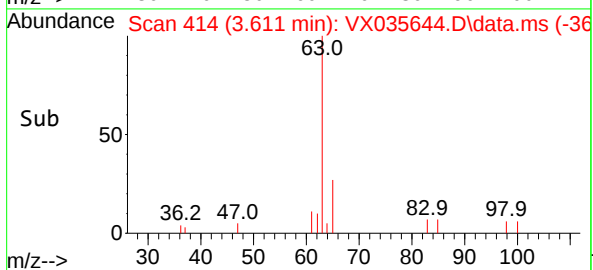
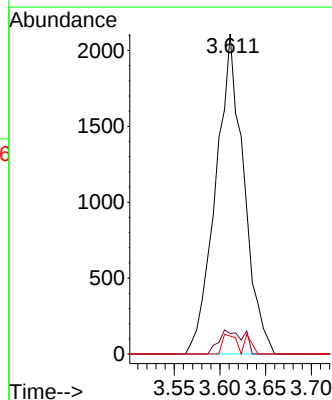
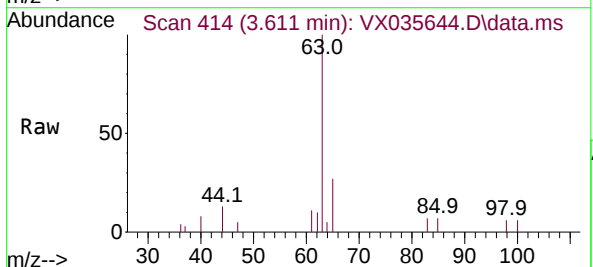
Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT2-2023

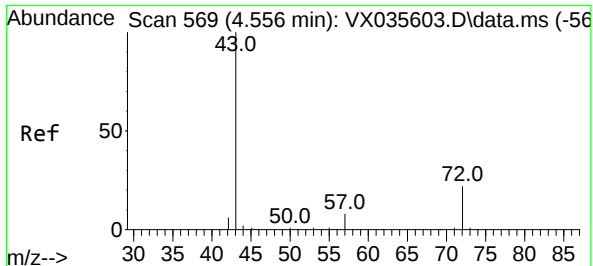
Tgt Ion: 43 Resp: 31412
 Ion Ratio Lower Upper
 43 100
 86 10.0 8.5 12.7



#24
 1,1-Dichloroethane
 Concen: 1.217 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. -0.000 min
 Lab File: VX035644.D
 Acq: 12 May 2023 17:37

Tgt Ion: 63 Resp: 4505
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.8 11.2
 100 5.6 2.4 7.1





#25

2-Butanone

Concen: 8.091 ug/l

RT: 4.580 min Scan# 5

Delta R.T. 0.024 min

Lab File: VX035644.D

Acq: 12 May 2023 17:37

Instrument :

MSVOA_X

ClientSampleId :

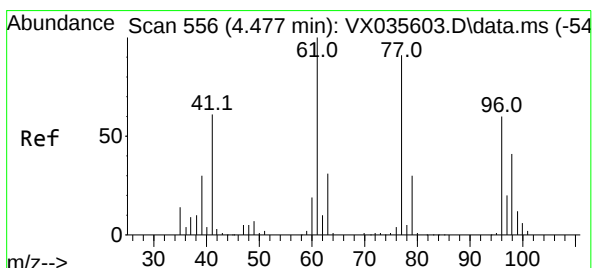
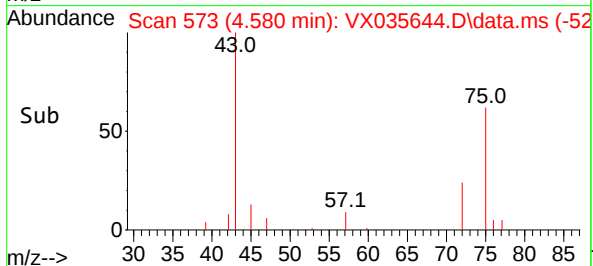
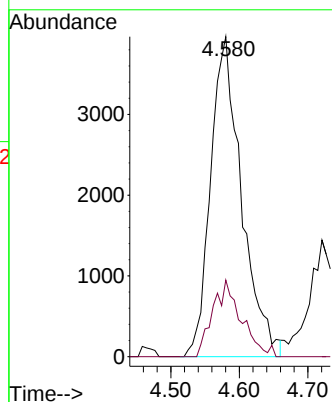
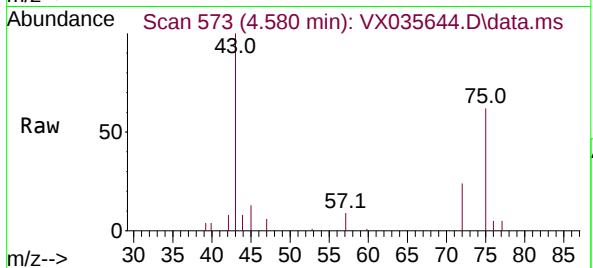
LOQ-WATER-02-QT2-2023

Tgt Ion: 43 Resp: 12445

Ion Ratio Lower Upper

43 100

72 23.9 19.3 28.9



#26

2,2-Dichloropropane

Concen: 0.900 ug/l

RT: 4.471 min Scan# 555

Delta R.T. -0.006 min

Lab File: VX035644.D

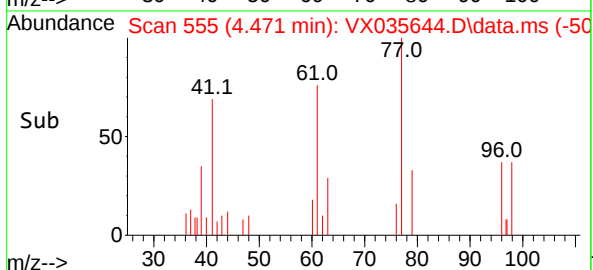
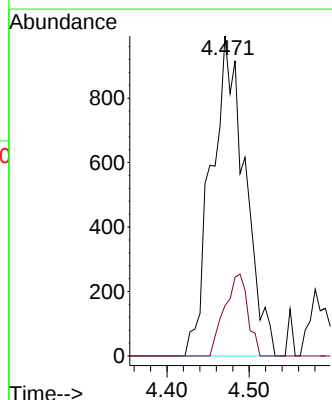
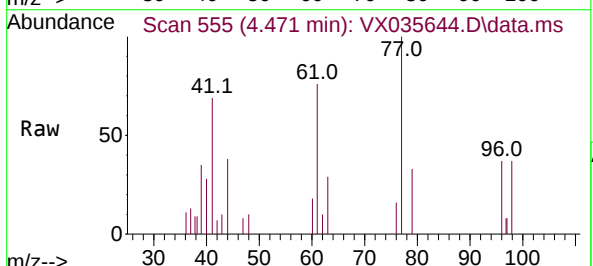
Acq: 12 May 2023 17:37

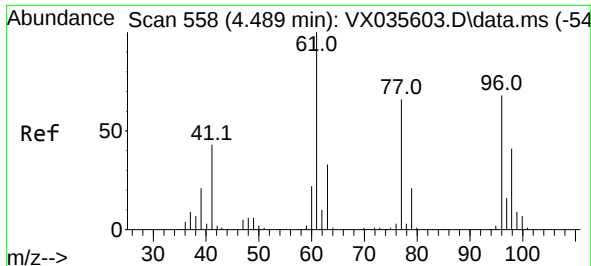
Tgt Ion: 77 Resp: 2822

Ion Ratio Lower Upper

77 100

97 17.6 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 1.211 ug/l

RT: 4.489 min Scan# 51

Delta R.T. -0.000 min

Lab File: VX035644.D

Acq: 12 May 2023 17:37

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2023

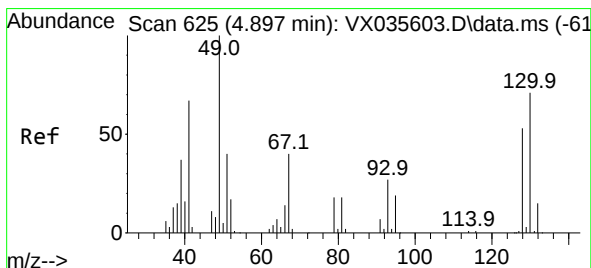
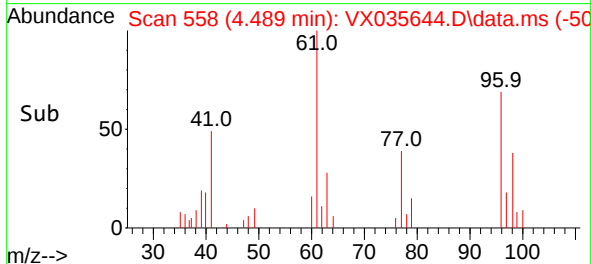
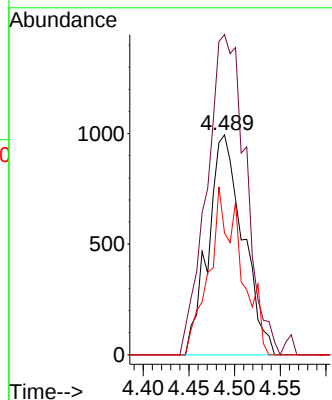
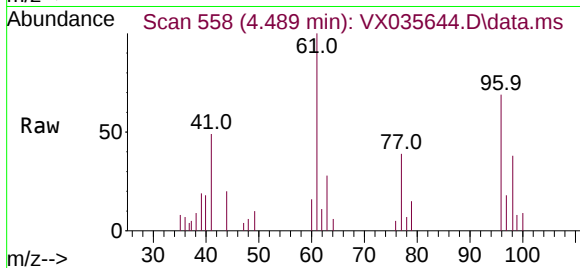
Tgt Ion: 96 Resp: 2633

Ion Ratio Lower Upper

96 100

61 163.0 0.0 300.4

98 69.9 0.0 129.0



#28

Bromochloromethane

Concen: 1.304 ug/l

RT: 4.903 min Scan# 626

Delta R.T. 0.006 min

Lab File: VX035644.D

Acq: 12 May 2023 17:37

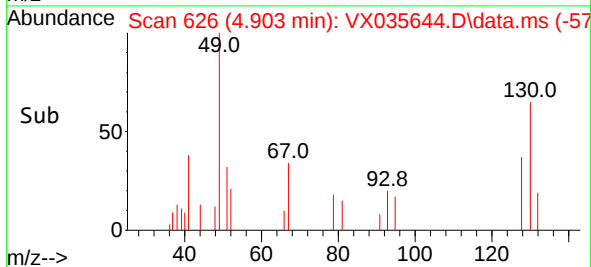
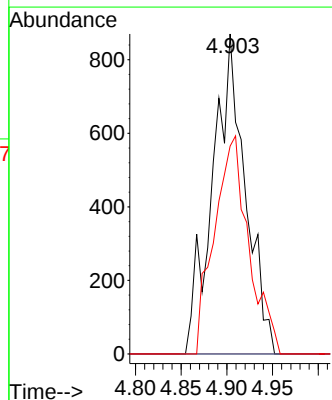
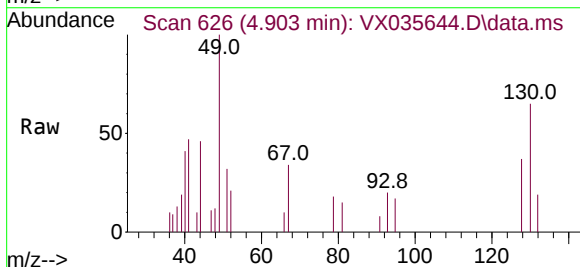
Tgt Ion: 49 Resp: 2172

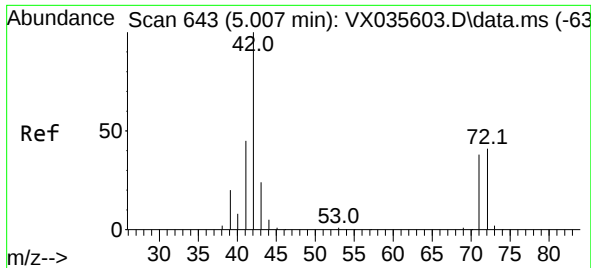
Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.0

130 71.5 58.2 87.2





#29

Tetrahydrofuran

Concen: 8.176 ug/l

RT: 5.038 min Scan# 643

Delta R.T. 0.031 min

Lab File: VX035644.D

Acq: 12 May 2023 17:37

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2023

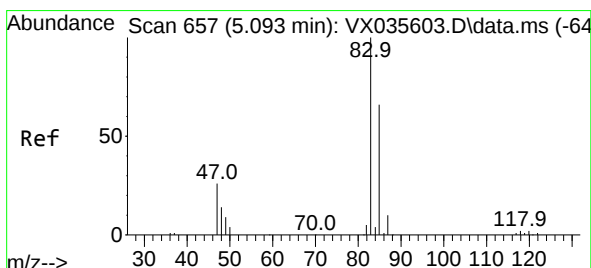
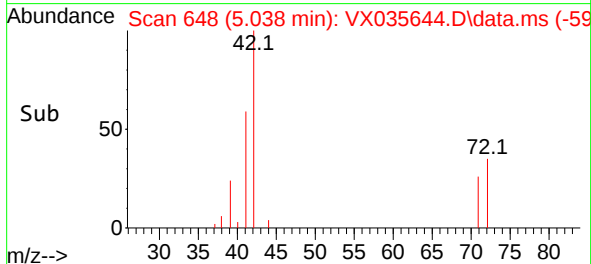
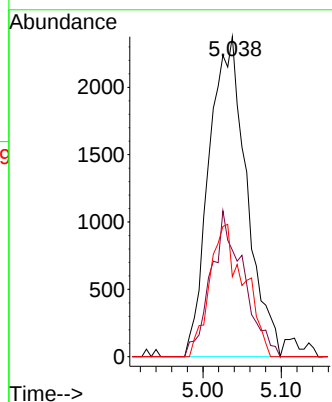
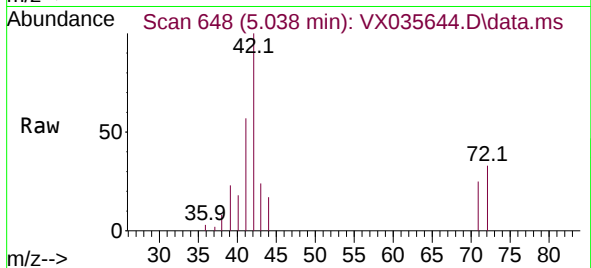
Tgt Ion: 42 Resp: 7904

Ion Ratio Lower Upper

42 100

72 39.7 34.5 51.7

71 38.1 32.1 48.1



#30

Chloroform

Concen: 1.321 ug/l

RT: 5.092 min Scan# 657

Delta R.T. -0.001 min

Lab File: VX035644.D

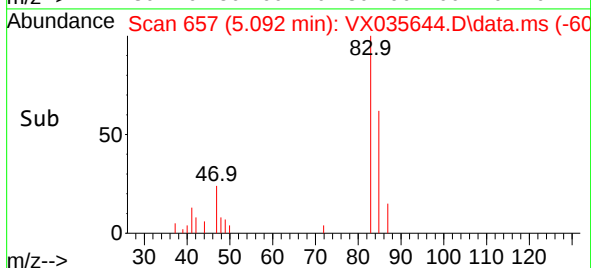
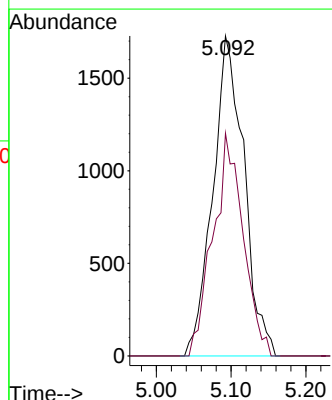
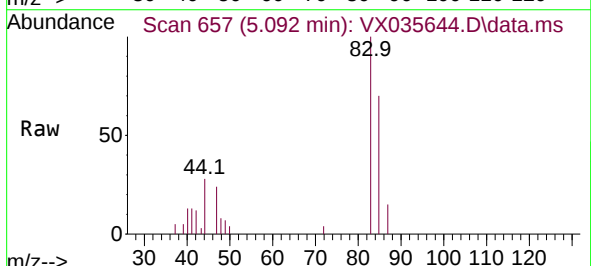
Acq: 12 May 2023 17:37

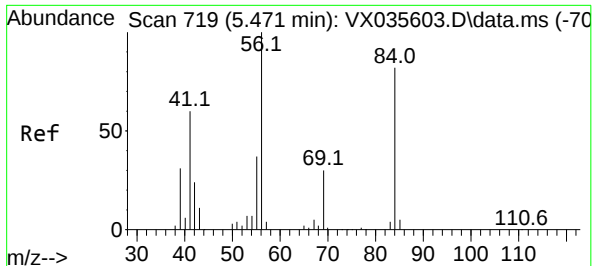
Tgt Ion: 83 Resp: 5010

Ion Ratio Lower Upper

83 100

85 69.6 50.6 76.0

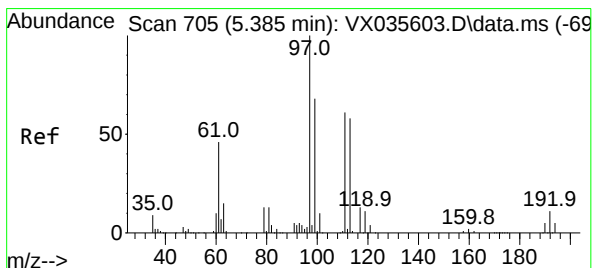
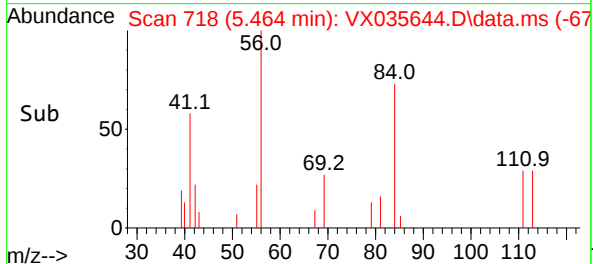
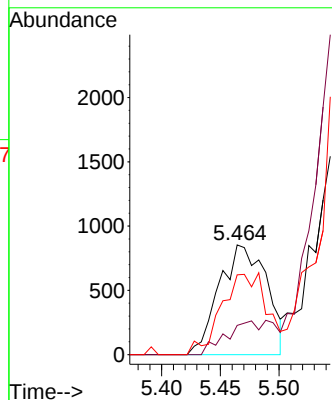
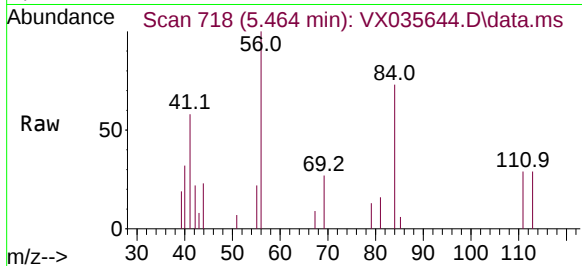




#31
Cyclohexane
Concen: 0.735 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.007 min
Lab File: VX035644.D
Acq: 12 May 2023 17:37

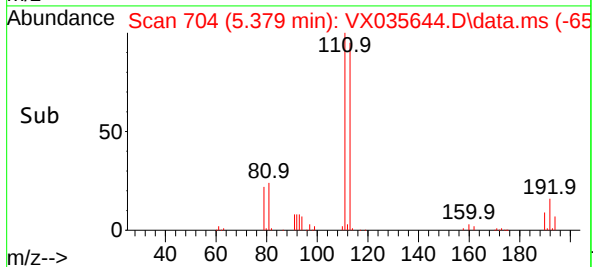
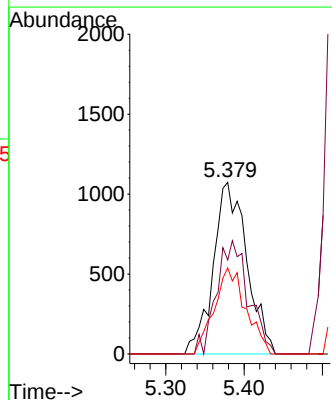
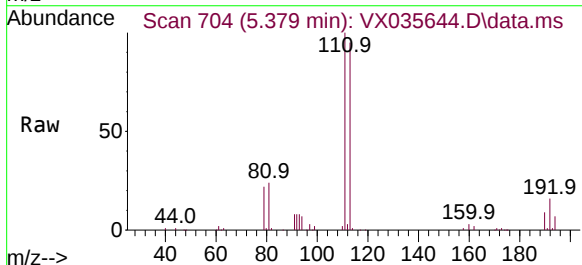
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2023

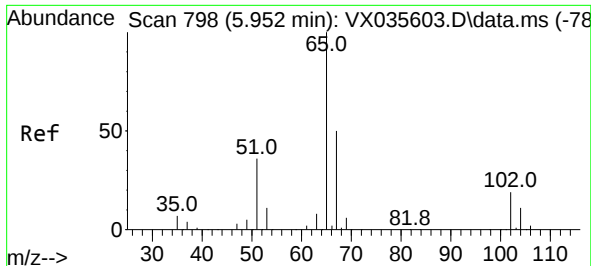
Tgt Ion:	56	Resp:	2402
Ion	Ratio	Lower	Upper
56	100		
69	26.7	23.7	35.5
84	72.7	68.5	102.7



#32
1,1,1-Trichloroethane
Concen: 0.971 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX035644.D
Acq: 12 May 2023 17:37

Tgt Ion:	97	Resp:	3205
Ion	Ratio	Lower	Upper
97	100		
99	0.0	51.1	76.7#
61	47.2	36.5	54.7

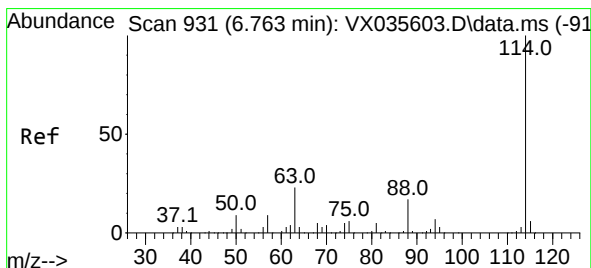
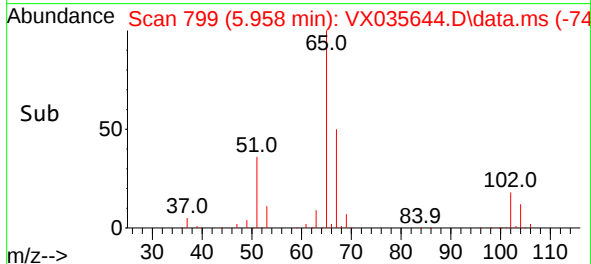
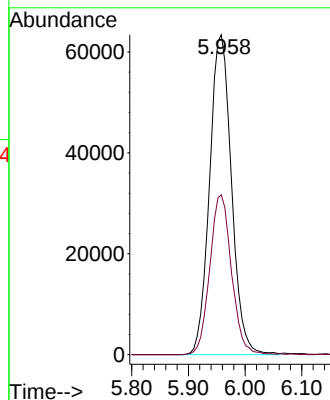
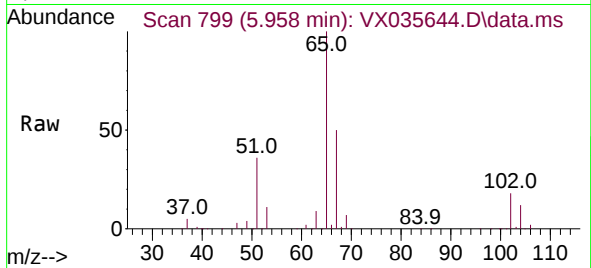




#33
 1,2-Dichloroethane-d4
 Concen: 65.822 ug/l
 RT: 5.958 min Scan# 798
 Delta R.T. 0.006 min
 Lab File: VX035644.D
 Acq: 12 May 2023 17:37

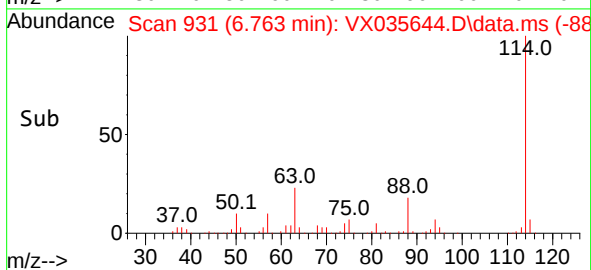
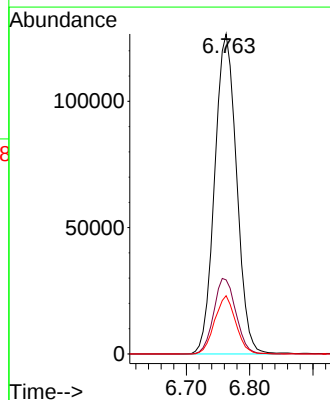
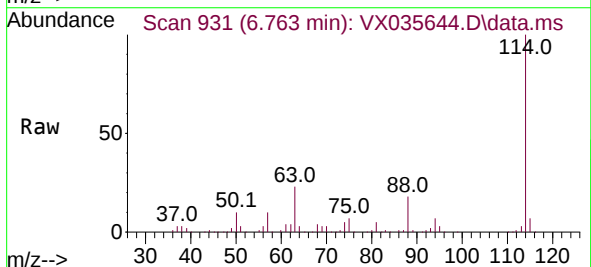
Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT2-2023

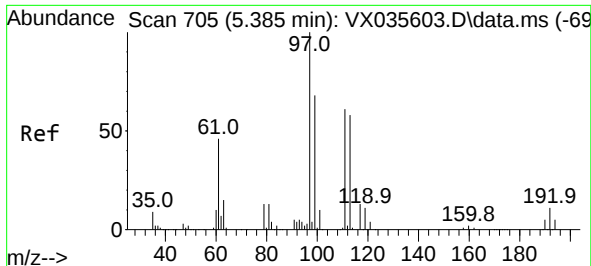
Tgt Ion: 65 Resp: 170168
 Ion Ratio Lower Upper
 65 100
 67 49.5 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX035644.D
 Acq: 12 May 2023 17:37

Tgt Ion: 114 Resp: 304446
 Ion Ratio Lower Upper
 114 100
 63 23.1 0.0 42.2
 88 18.2 0.0 33.2





#35

Dibromofluoromethane

Concen: 52.445 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX035644.D

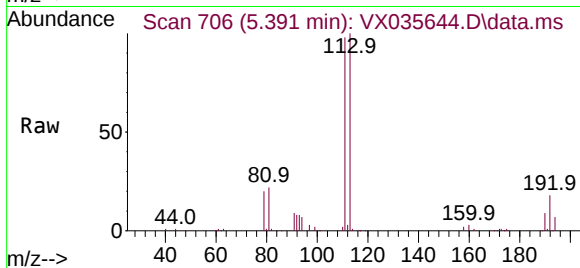
Acq: 12 May 2023 17:37

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2023



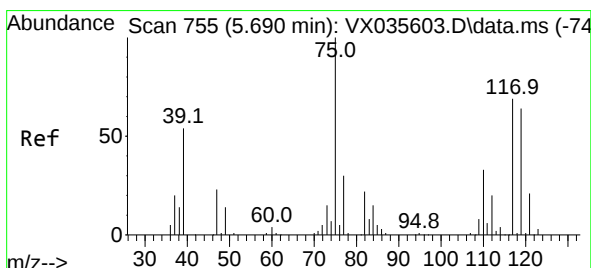
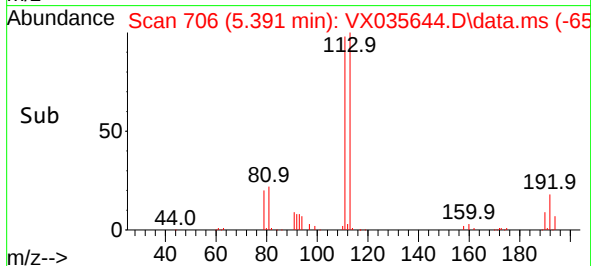
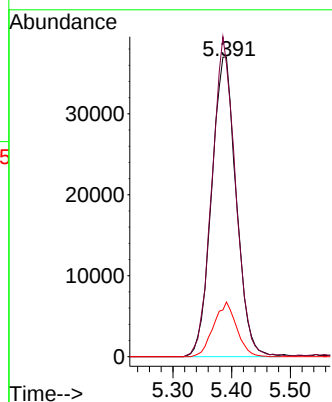
Tgt Ion:113 Resp: 107679

Ion Ratio Lower Upper

113 100

111 102.0 83.7 125.5

192 17.0 15.4 23.2



#36

1,1-Dichloropropene

Concen: 0.880 ug/l

RT: 5.696 min Scan# 756

Delta R.T. 0.006 min

Lab File: VX035644.D

Acq: 12 May 2023 17:37

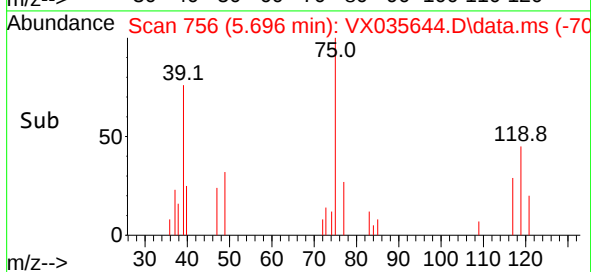
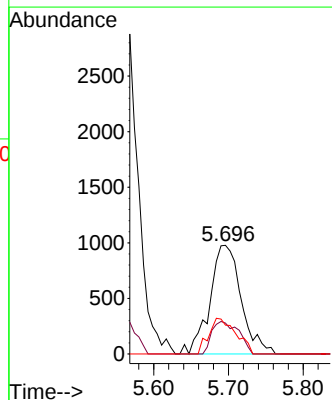
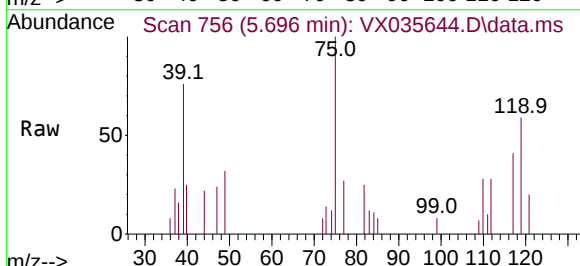
Tgt Ion: 75 Resp: 2853

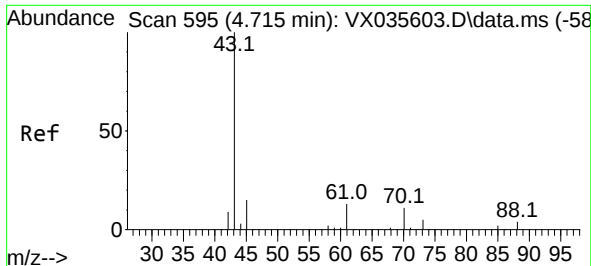
Ion Ratio Lower Upper

75 100

110 25.6 17.5 52.5

77 28.4 24.3 36.5





#37

Ethyl Acetate

Concen: 1.366 ug/l

RT: 4.721 min Scan# 595

Delta R.T. 0.006 min

Lab File: VX035644.D

Acq: 12 May 2023 17:37

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2023

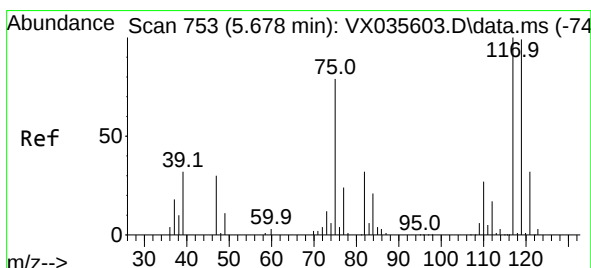
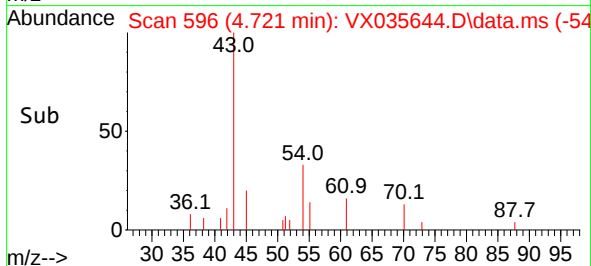
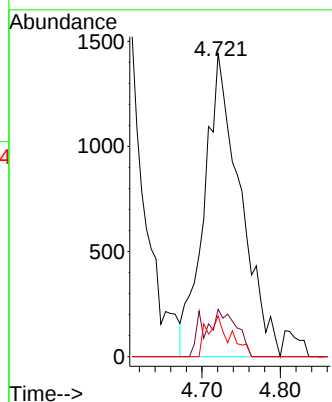
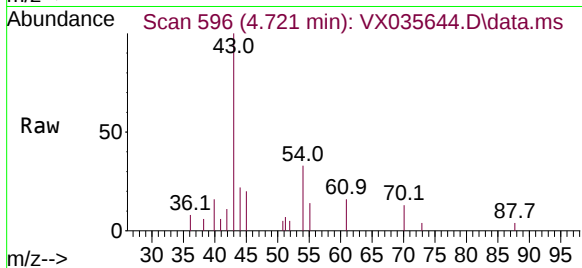
Tgt Ion: 43 Resp: 4616

Ion Ratio Lower Upper

43 100

61 8.7 10.2 15.4#

70 8.5 8.2 12.4



#38

Carbon Tetrachloride

Concen: 0.675 ug/l

RT: 5.672 min Scan# 752

Delta R.T. -0.006 min

Lab File: VX035644.D

Acq: 12 May 2023 17:37

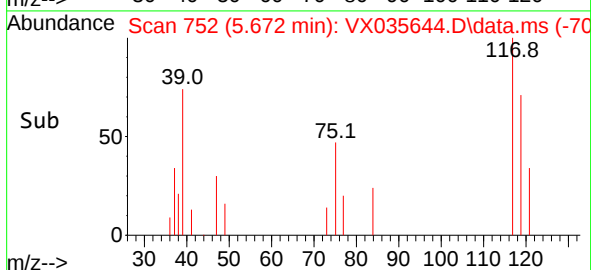
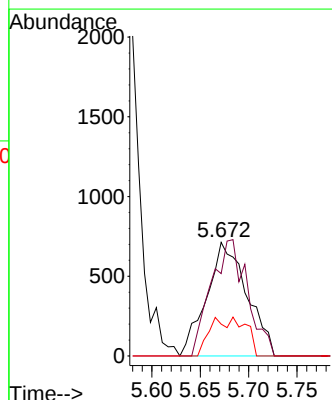
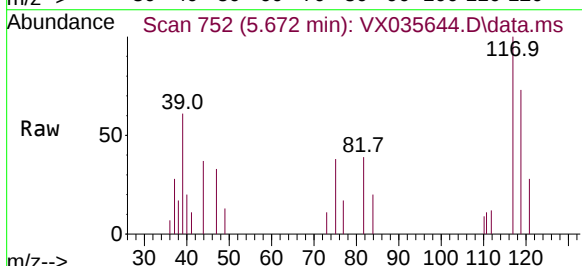
Tgt Ion: 117 Resp: 2072

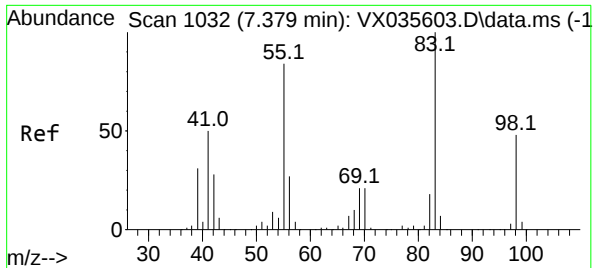
Ion Ratio Lower Upper

117 100

119 72.5 76.6 114.8#

121 28.1 23.8 35.6

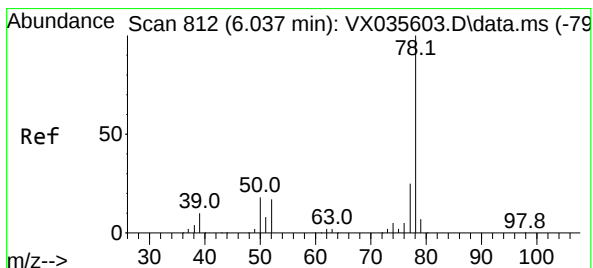
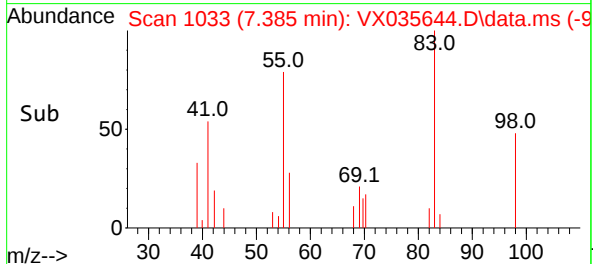
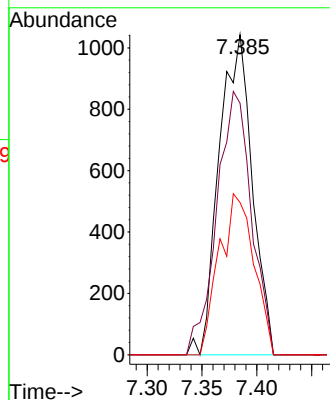
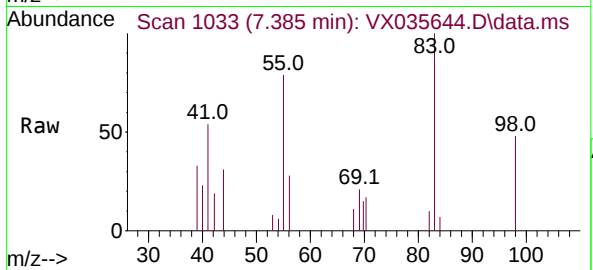




#39
Methylcyclohexane
Concen: 0.574 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. 0.006 min
Lab File: VX035644.D
Acq: 12 May 2023 17:37

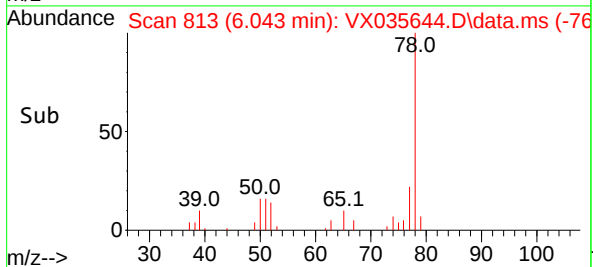
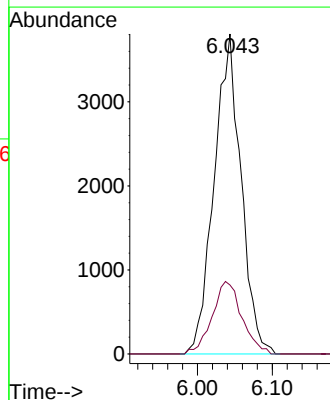
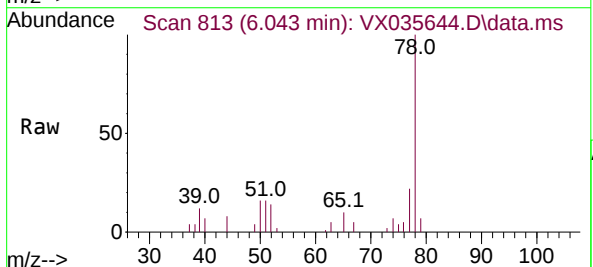
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2023

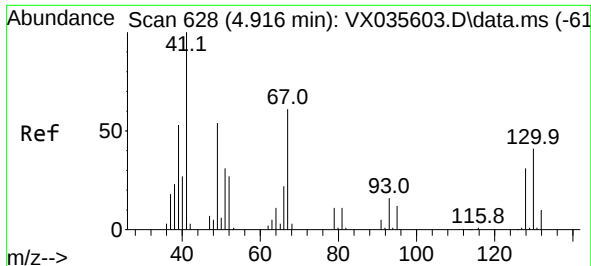
Tgt Ion: 83	Resp: 2189
Ion Ratio	Lower Upper
83	100
55	78.6 60.5 90.7
98	47.6 40.4 60.6



#40
Benzene
Concen: 1.050 ug/l
RT: 6.043 min Scan# 813
Delta R.T. 0.006 min
Lab File: VX035644.D
Acq: 12 May 2023 17:37

Tgt Ion: 78	Resp: 9519
Ion Ratio	Lower Upper
78	100
77	21.5 19.0 28.4

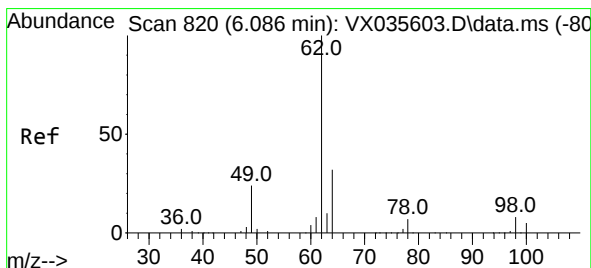
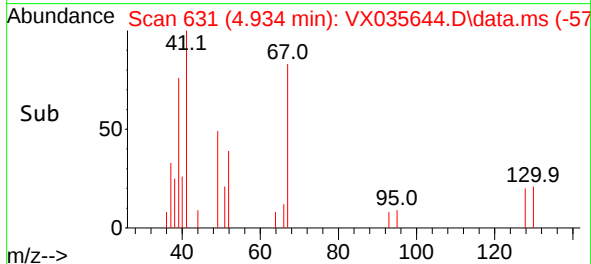
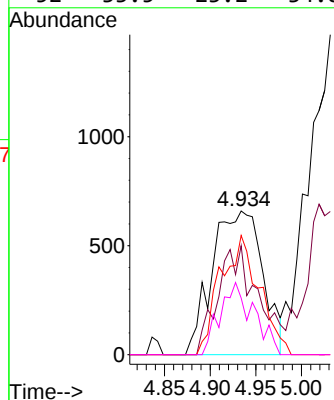
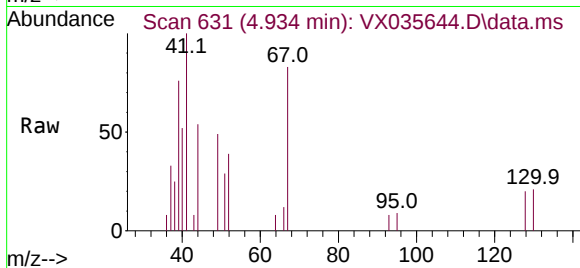




#41
Methacrylonitrile
Concen: 1.273 ug/l
RT: 4.934 min Scan# 61
Delta R.T. 0.018 min
Lab File: VX035644.D
Acq: 12 May 2023 17:37

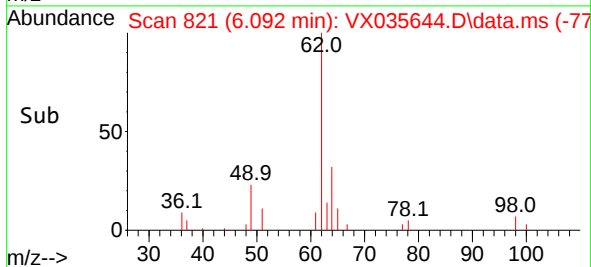
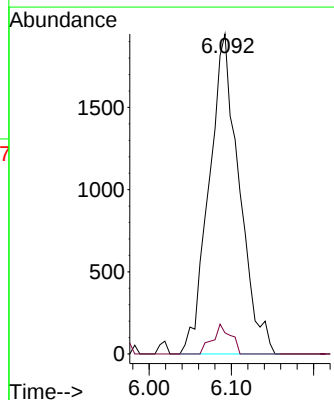
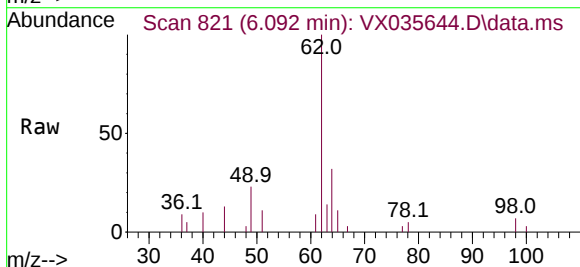
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2023

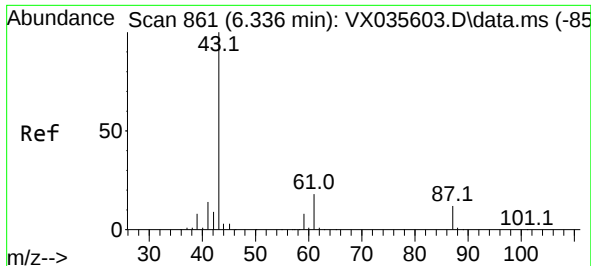
Tgt Ion: 41	Resp: 2554
Ion Ratio	Lower Upper
41 100	
39 60.5	45.0 67.6
67 63.2	55.6 83.4
52 33.5	23.2 34.8



#42
1,2-Dichloroethane
Concen: 1.269 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.006 min
Lab File: VX035644.D
Acq: 12 May 2023 17:37

Tgt Ion: 62	Resp: 4950
Ion Ratio	Lower Upper
62 100	
98 5.6	0.0 18.0





#43

Isopropyl Acetate

Concen: 1.251 ug/l

RT: 6.342 min Scan# 862

Delta R.T. 0.006 min

Lab File: VX035644.D

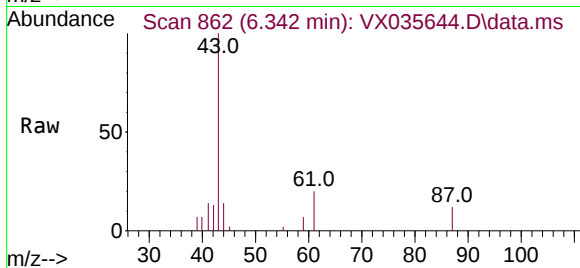
Acq: 12 May 2023 17:37

Instrument :

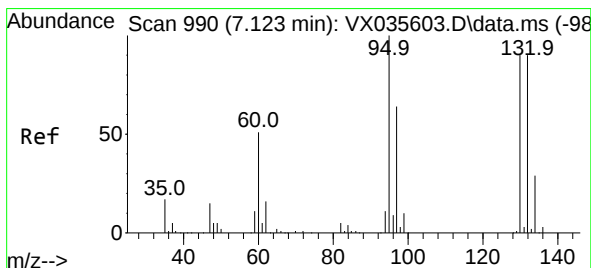
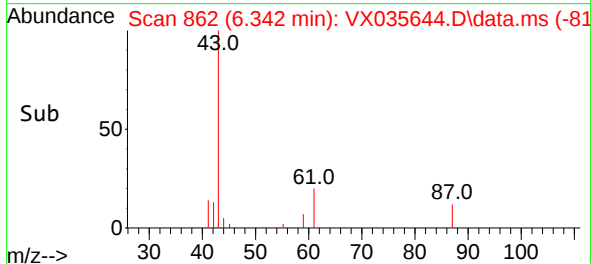
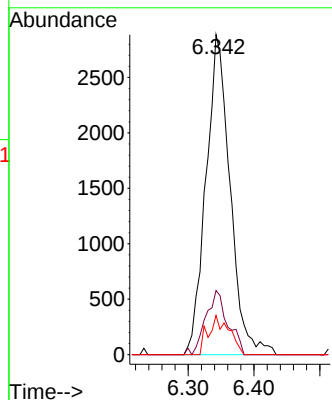
MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2023



Tgt Ion:	43	Resp:	7374
Ion	Ratio	Lower	Upper
43	100		
61	18.3	15.2	22.8
87	10.5	9.8	14.8



#44

Trichloroethene

Concen: 0.853 ug/l

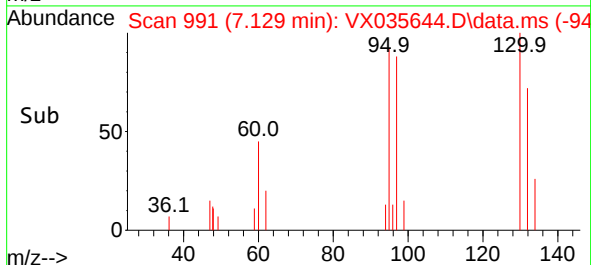
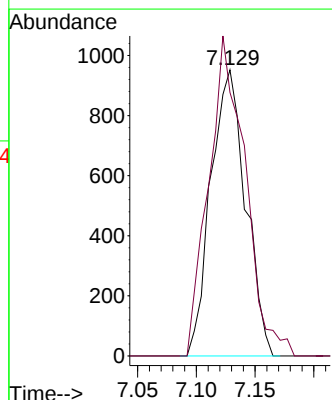
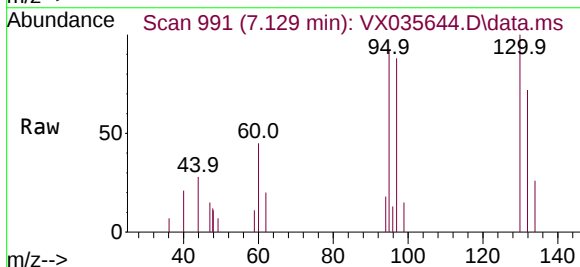
RT: 7.129 min Scan# 991

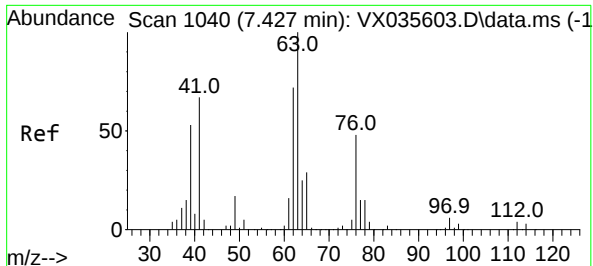
Delta R.T. 0.006 min

Lab File: VX035644.D

Acq: 12 May 2023 17:37

Tgt Ion:	130	Resp:	1960
Ion	Ratio	Lower	Upper
130	100		
95	92.1	0.0	198.4





#45

1,2-Dichloropropane

Concen: 1.112 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX035644.D

Acq: 12 May 2023 17:37

Instrument :

MSVOA_X

ClientSampleId :

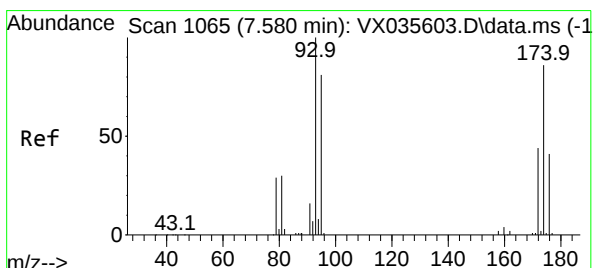
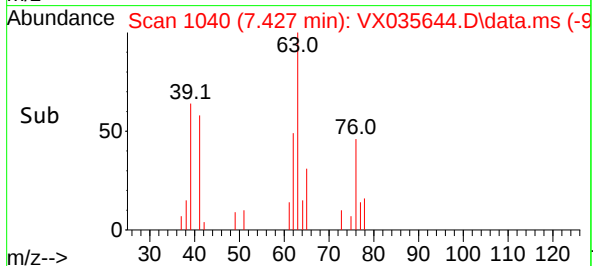
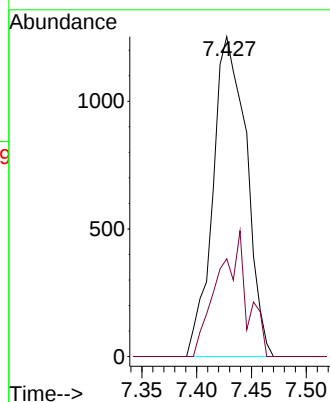
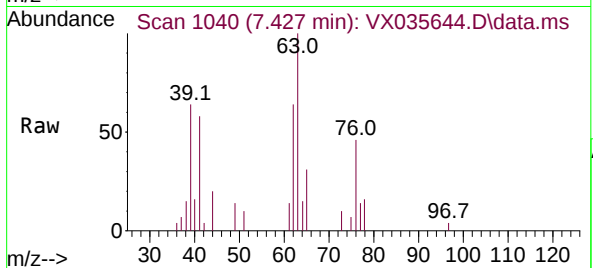
LOQ-WATER-02-QT2-2023

Tgt Ion: 63 Resp: 2671

Ion Ratio Lower Upper

63 100

65 30.6 24.6 37.0



#46

Dibromomethane

Concen: 1.084 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. 0.006 min

Lab File: VX035644.D

Acq: 12 May 2023 17:37

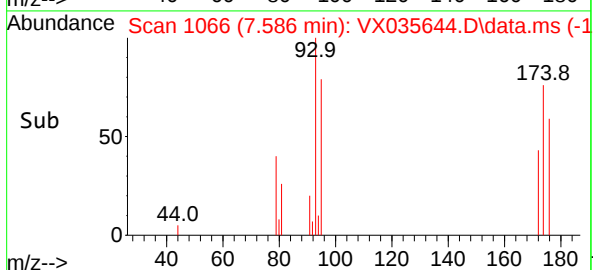
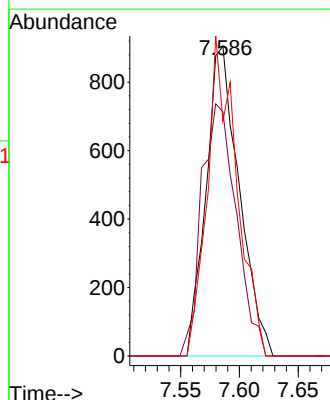
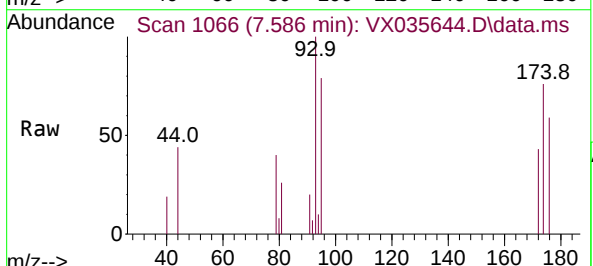
Tgt Ion: 93 Resp: 1781

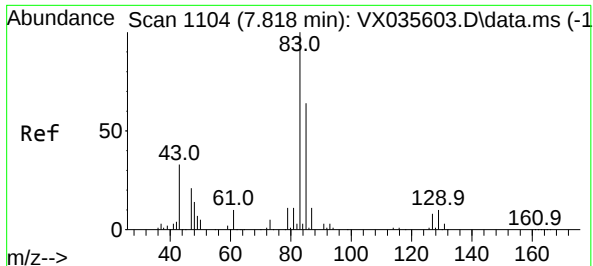
Ion Ratio Lower Upper

93 100

95 84.8 66.9 100.3

174 91.7 75.4 113.0





#47

Bromodichloromethane

Concen: 0.996 ug/l

RT: 7.824 min Scan# 1105

Delta R.T. 0.006 min

Lab File: VX035644.D

Acq: 12 May 2023 17:37

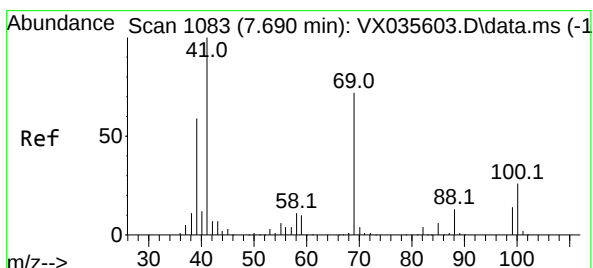
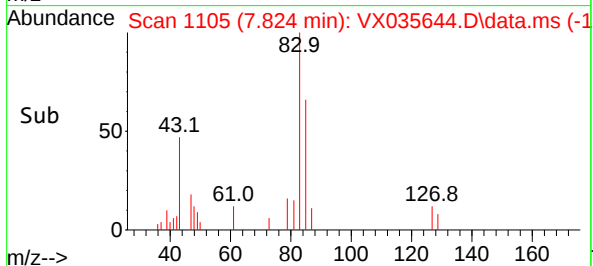
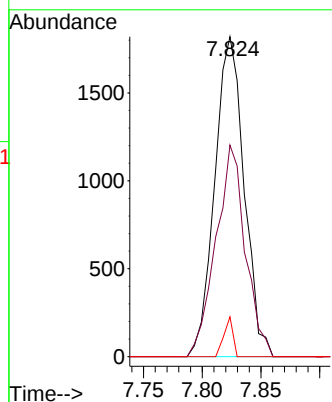
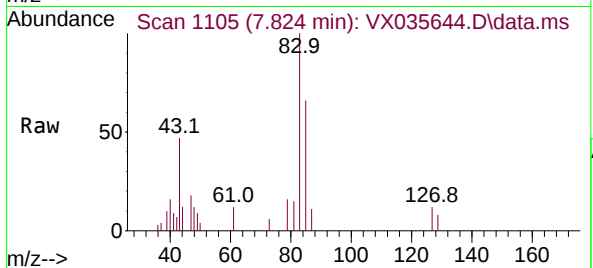
Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2023

Tgt Ion: 83	Resp:	3164
Ion	Ratio	Lower Upper
83	100	
85	66.1	52.2 78.4
127	12.4	6.6 9.8



#48

Methyl methacrylate

Concen: 1.240 ug/l

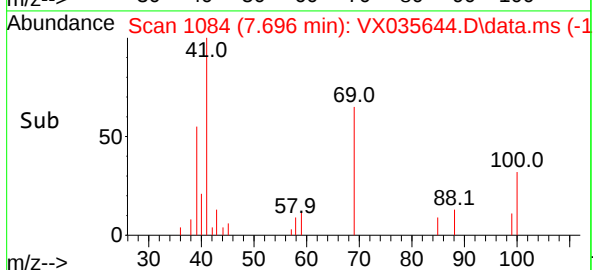
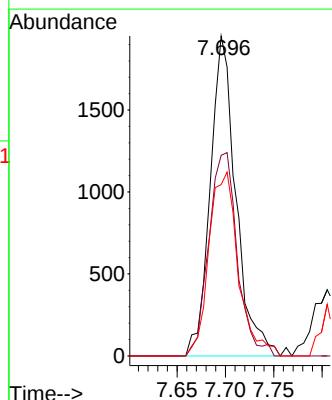
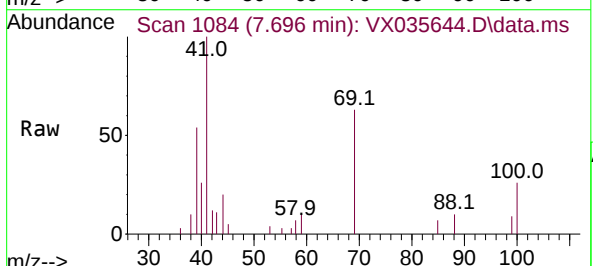
RT: 7.696 min Scan# 1084

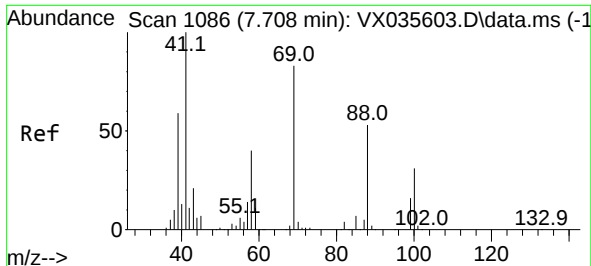
Delta R.T. 0.006 min

Lab File: VX035644.D

Acq: 12 May 2023 17:37

Tgt Ion: 41	Resp:	3606
Ion	Ratio	Lower Upper
41	100	
69	70.1	62.2 93.4
39	65.4	47.7 71.5





#49

1,4-Dioxane

Concen: 32.602 ug/l

RT: 7.732 min Scan# 1090

Delta R.T. 0.024 min

Lab File: VX035644.D

Acq: 12 May 2023 17:37

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2023

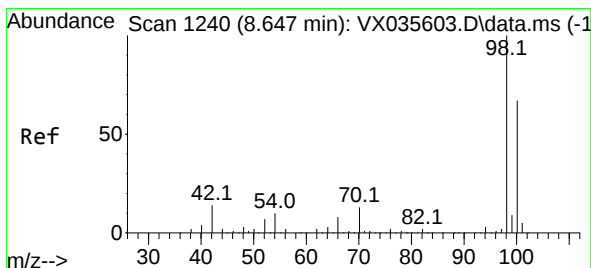
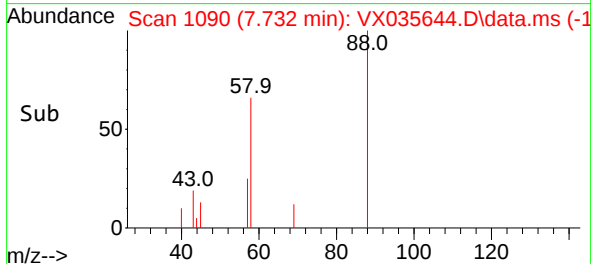
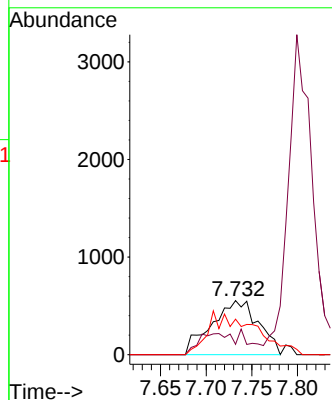
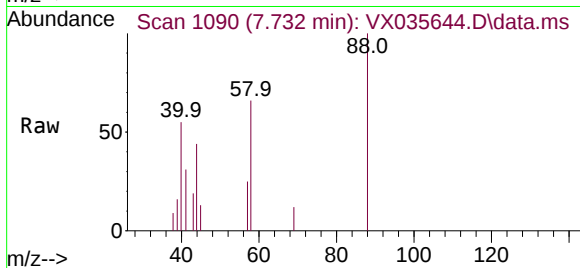
Tgt Ion: 88 Resp: 1971

Ion Ratio Lower Upper

88 100

43 0.0 27.7 41.5#

58 0.0 56.8 85.2#



#50

Toluene-d8

Concen: 46.323 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX035644.D

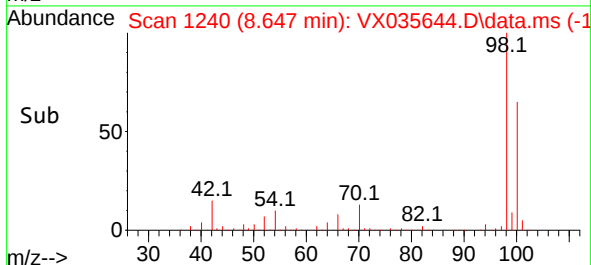
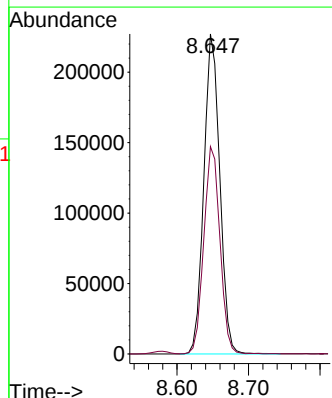
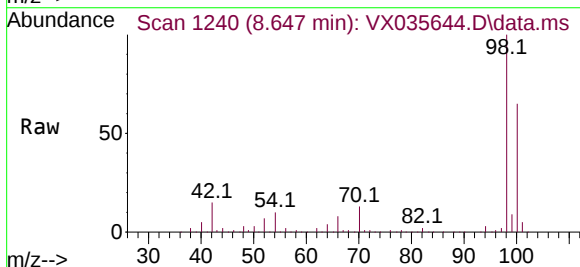
Acq: 12 May 2023 17:37

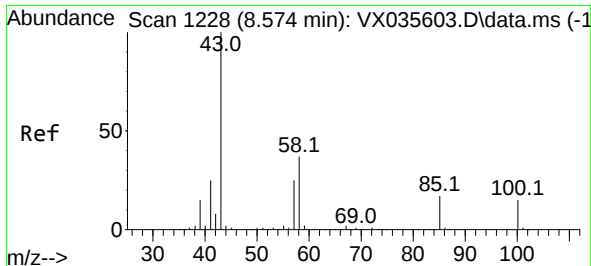
Tgt Ion: 98 Resp: 351358

Ion Ratio Lower Upper

98 100

100 65.3 52.5 78.7

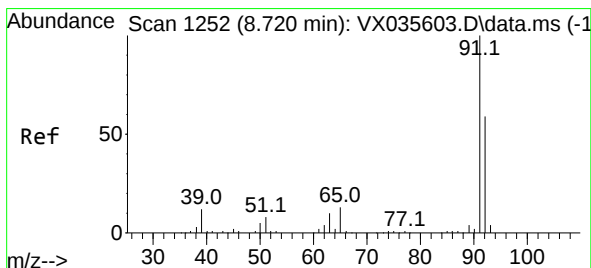
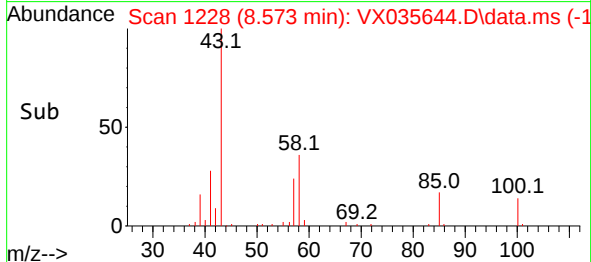
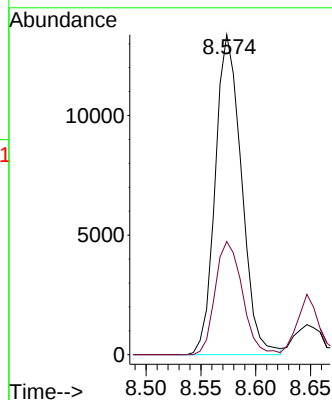
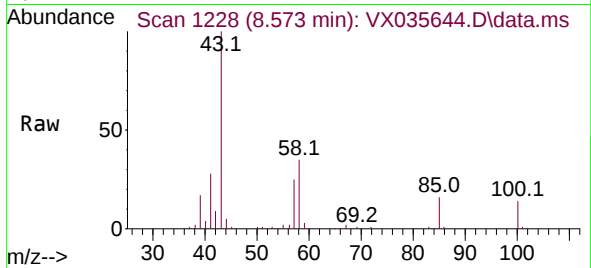




#51
4-Methyl-2-Pentanone
Concen: 6.570 ug/l
RT: 8.573 min Scan# 11
Delta R.T. -0.001 min
Lab File: VX035644.D
Acq: 12 May 2023 17:37

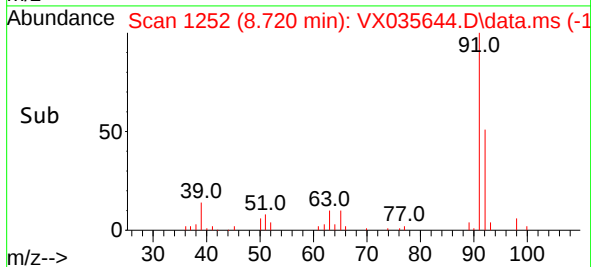
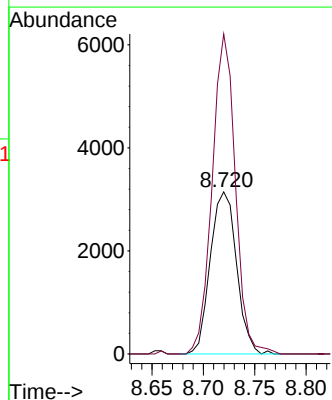
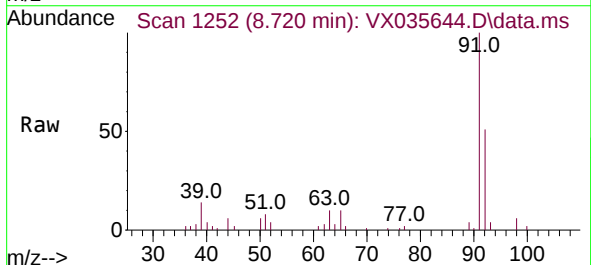
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2023

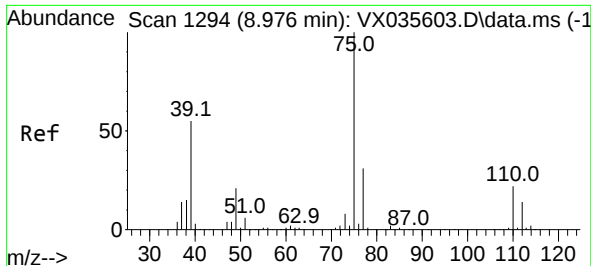
Tgt Ion: 43 Resp: 22310
Ion Ratio Lower Upper
43 100
58 36.6 30.6 46.0



#52
Toluene
Concen: 0.976 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX035644.D
Acq: 12 May 2023 17:37

Tgt Ion: 92 Resp: 5587
Ion Ratio Lower Upper
92 100
91 174.4 136.8 205.2





#53

t-1,3-Dichloropropene

Concen: 0.805 ug/l

RT: 8.982 min Scan# 1195

Delta R.T. 0.006 min

Lab File: VX035644.D

Acq: 12 May 2023 17:37

Instrument :

MSVOA_X

ClientSampleId :

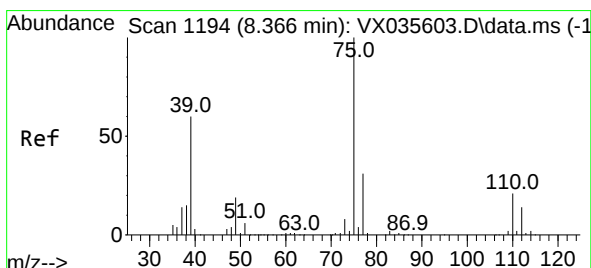
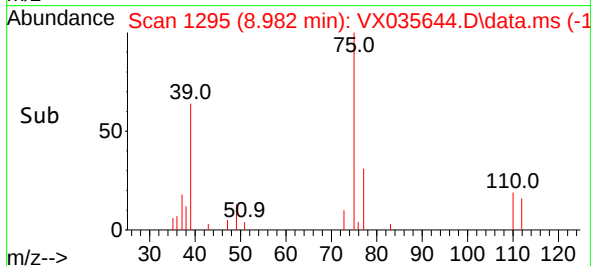
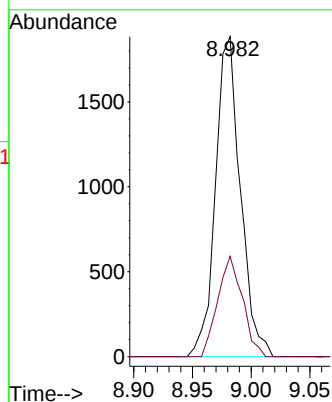
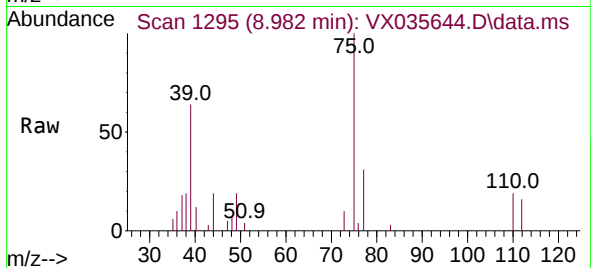
LOQ-WATER-02-QT2-2023

Tgt Ion: 75 Resp: 2778

Ion Ratio Lower Upper

75 100

77 31.3 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 0.888 ug/l

RT: 8.372 min Scan# 1195

Delta R.T. 0.006 min

Lab File: VX035644.D

Acq: 12 May 2023 17:37

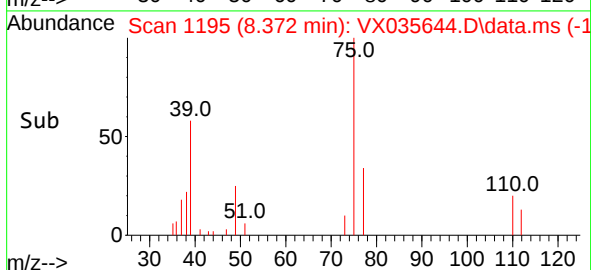
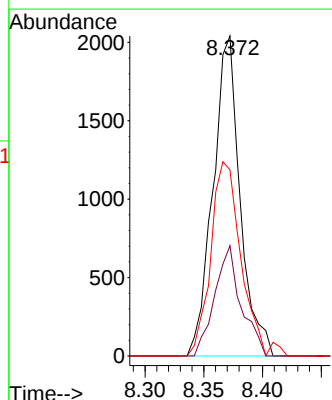
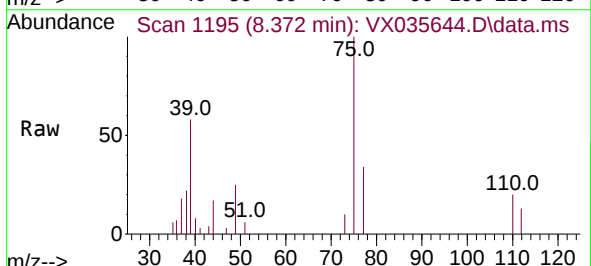
Tgt Ion: 75 Resp: 3285

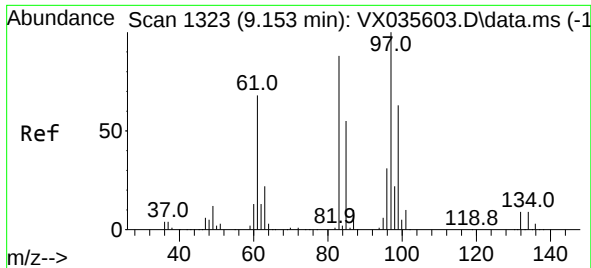
Ion Ratio Lower Upper

75 100

77 34.4 25.0 37.4

39 58.2 44.6 66.8

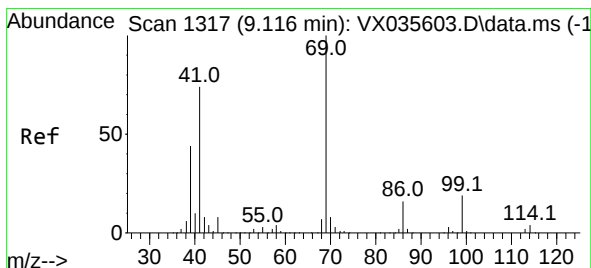
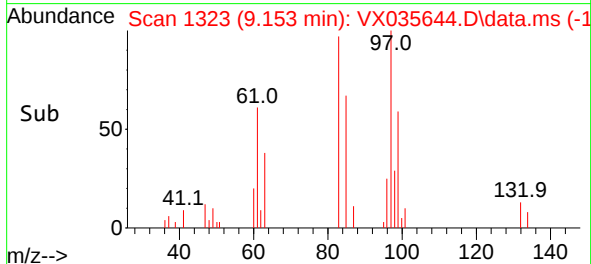
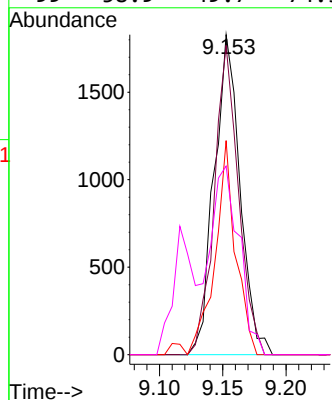
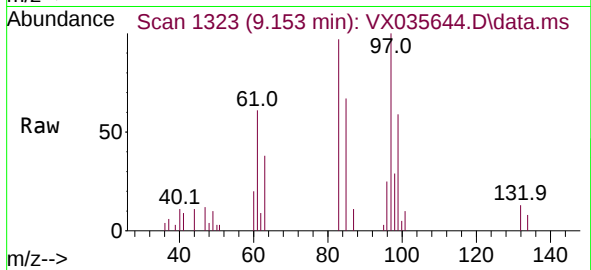




#55
1,1,2-Trichloroethane
Concen: 1.157 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX035644.D
Acq: 12 May 2023 17:37

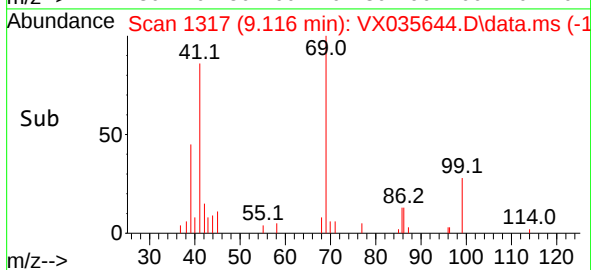
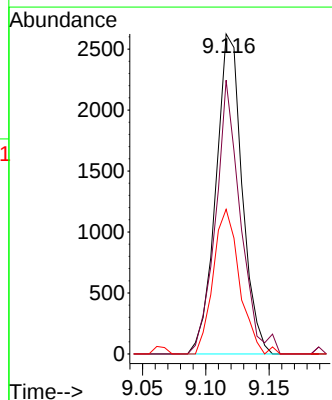
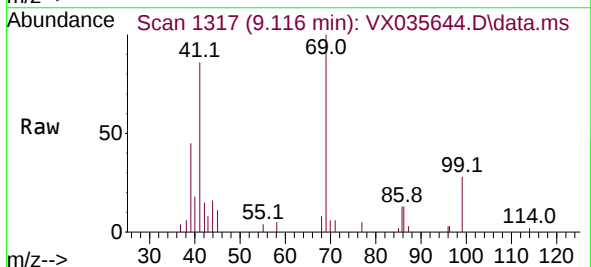
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT2-2023

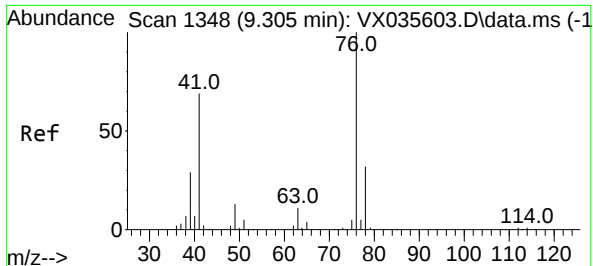
Tgt Ion:	97	Resp:	2600
Ion	Ratio	Lower	Upper
97	100		
83	96.7	69.7	104.5
85	66.9	43.7	65.5
99	58.9	49.7	74.5



#56
Ethyl methacrylate
Concen: 1.041 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX035644.D
Acq: 12 May 2023 17:37

Tgt Ion:	69	Resp:	3789
Ion	Ratio	Lower	Upper
69	100		
41	80.5	57.4	86.0
39	45.3	33.7	50.5





#57

1,3-Dichloropropane

Concen: 1.071 ug/l

RT: 9.311 min Scan# 1134

Delta R.T. 0.006 min

Lab File: VX035644.D

Acq: 12 May 2023 17:37

Instrument :

MSVOA_X

ClientSampleId :

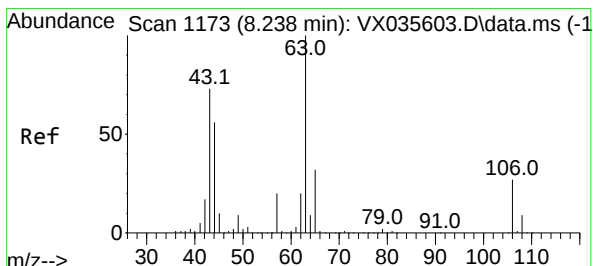
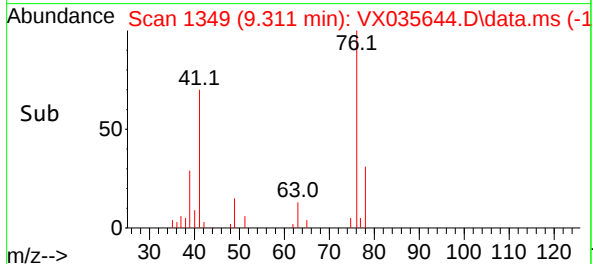
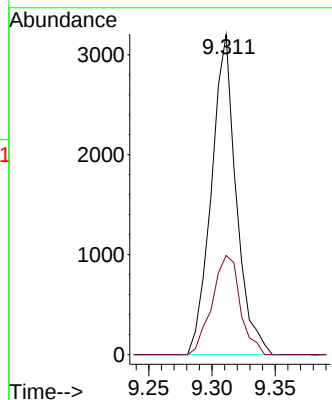
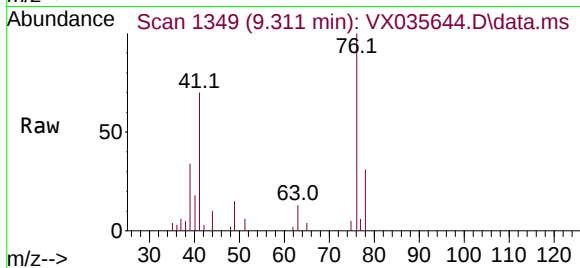
LOQ-WATER-02-QT2-2023

Tgt Ion: 76 Resp: 4364

Ion Ratio Lower Upper

76 100

78 35.0 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 6.203 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.006 min

Lab File: VX035644.D

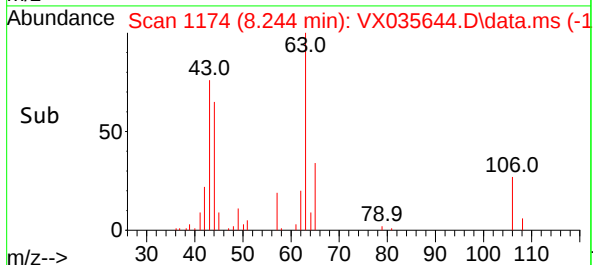
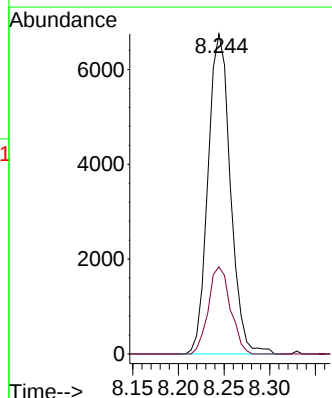
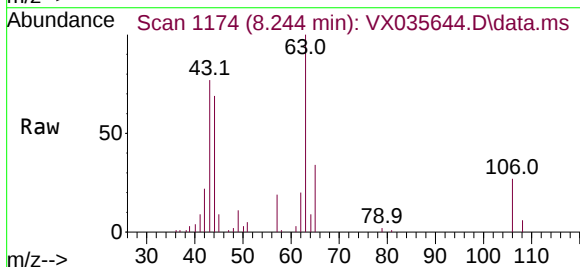
Acq: 12 May 2023 17:37

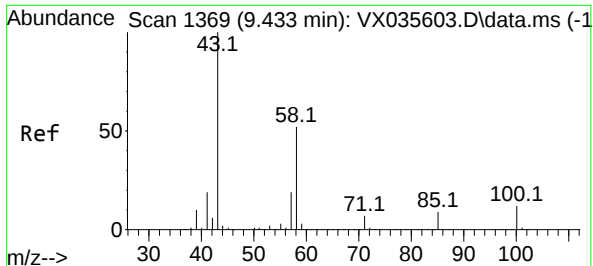
Tgt Ion: 63 Resp: 11487

Ion Ratio Lower Upper

63 100

106 26.8 22.2 33.2





#59

2-Hexanone

Concen: 6.304 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VX035644.D

Acq: 12 May 2023 17:37

Instrument :

MSVOA_X

ClientSampleId :

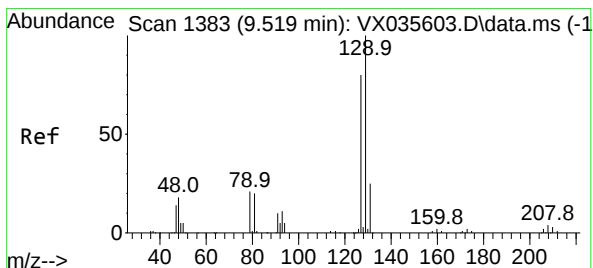
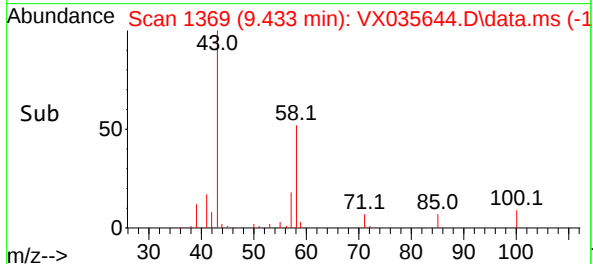
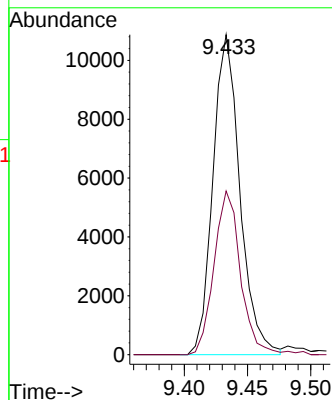
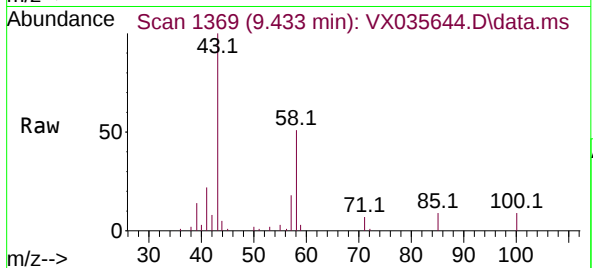
LOQ-WATER-02-QT2-2023

Tgt Ion: 43 Resp: 16123

Ion Ratio Lower Upper

43 100

58 50.6 26.3 78.9



#60

Dibromochloromethane

Concen: 0.828 ug/l

RT: 9.525 min Scan# 1384

Delta R.T. 0.006 min

Lab File: VX035644.D

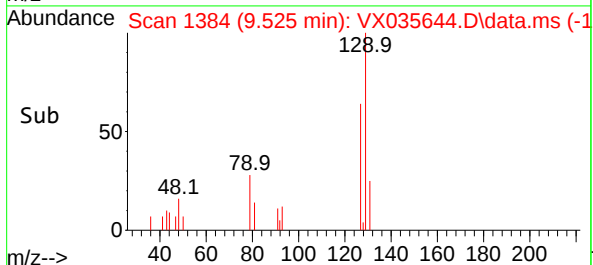
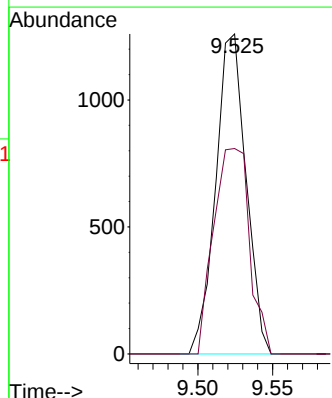
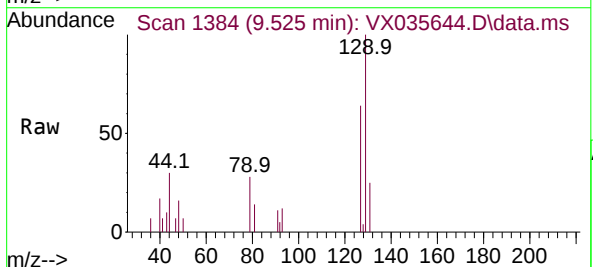
Acq: 12 May 2023 17:37

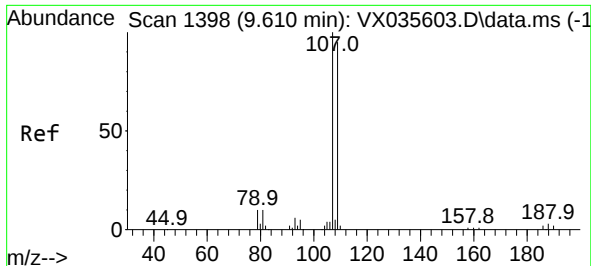
Tgt Ion: 129 Resp: 1775

Ion Ratio Lower Upper

129 100

127 76.3 39.0 117.0

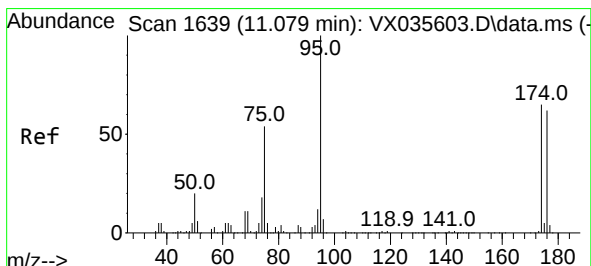
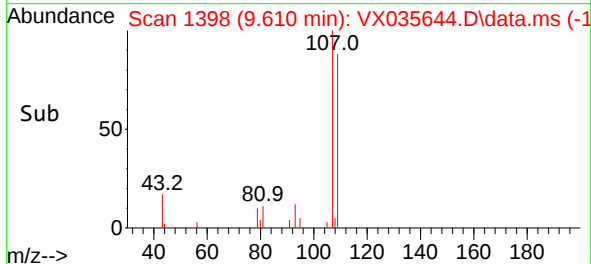
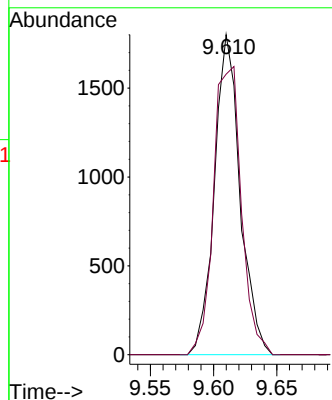
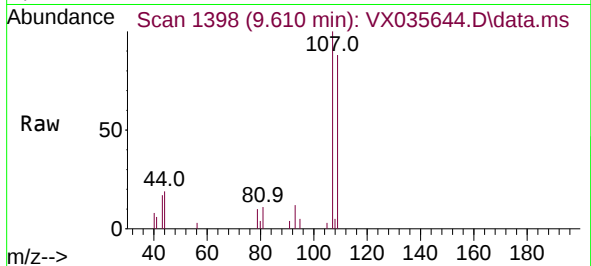




#61
1,2-Dibromoethane
Concen: 1.074 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX035644.D
Acq: 12 May 2023 17:37

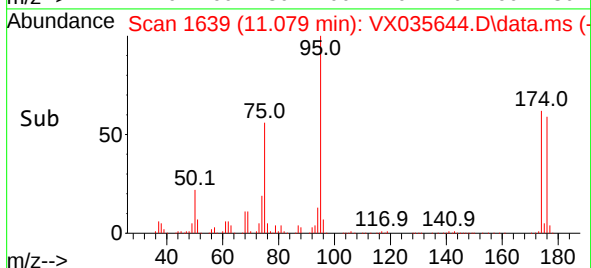
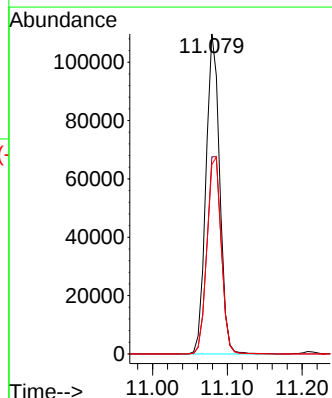
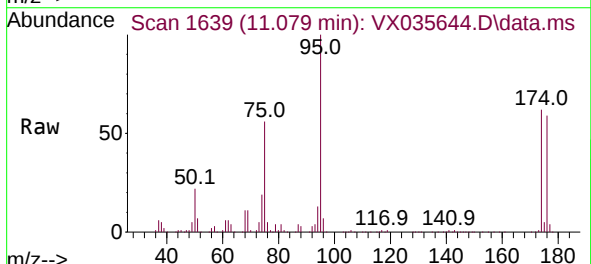
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT2-2023

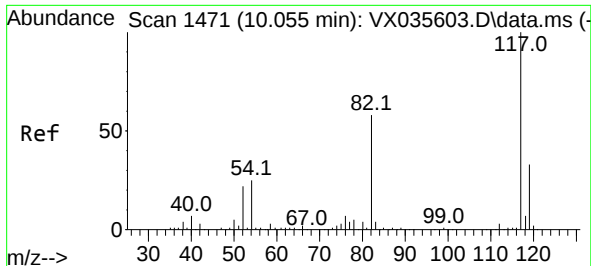
Tgt Ion:107 Resp: 2543
Ion Ratio Lower Upper
107 100
109 97.9 75.3 112.9



#62
4-Bromofluorobenzene
Concen: 45.807 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035644.D
Acq: 12 May 2023 17:37

Tgt Ion: 95 Resp: 139895
Ion Ratio Lower Upper
95 100
174 64.7 0.0 147.4
176 63.8 0.0 140.6

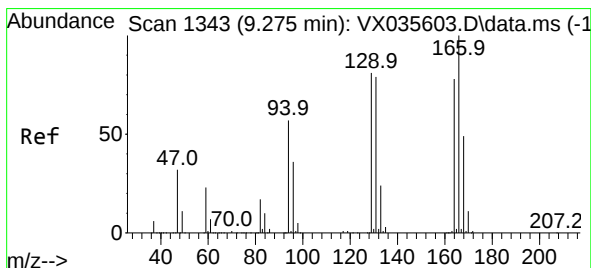
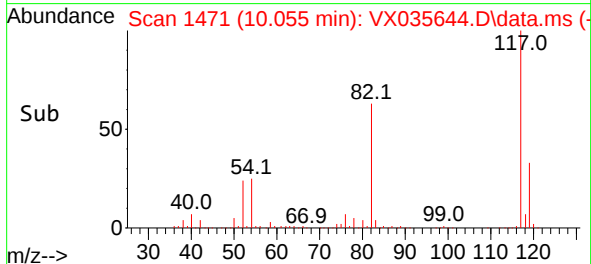
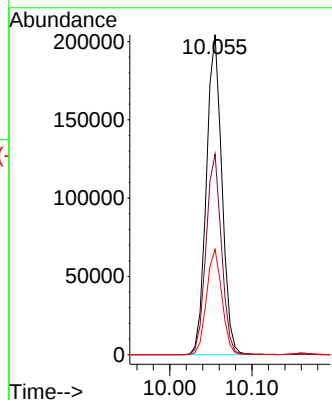
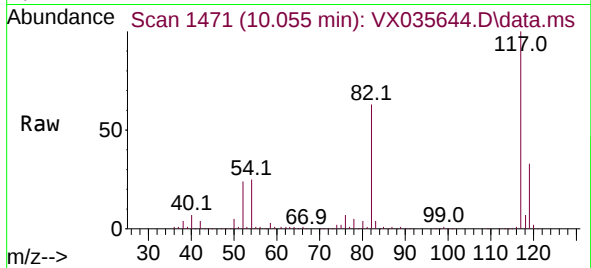




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX035644.D
Acq: 12 May 2023 17:37

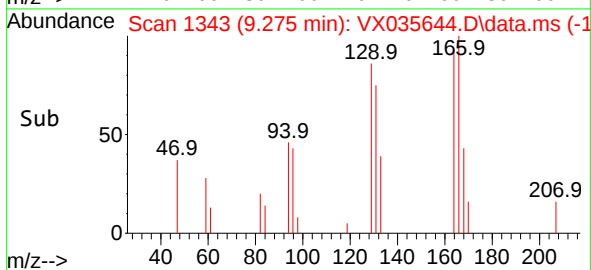
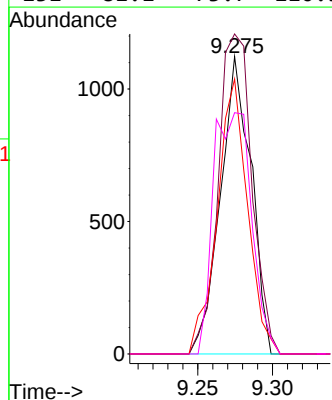
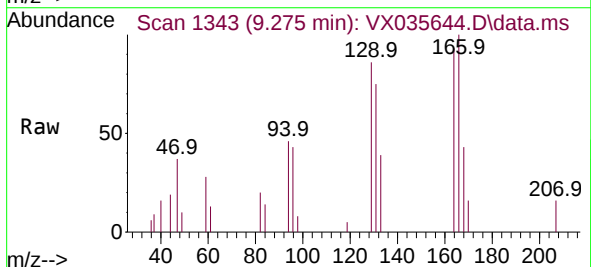
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2023

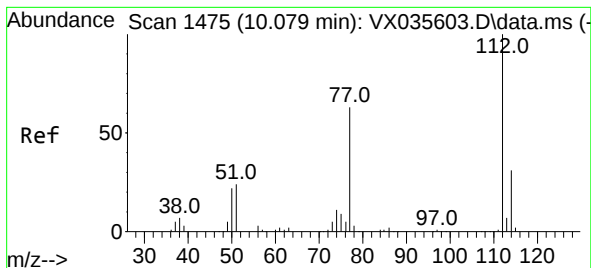
Tgt Ion:117 Resp: 267707
Ion Ratio Lower Upper
117 100
82 62.7 45.0 67.4
119 32.9 26.0 39.0



#64
Tetrachloroethene
Concen: 0.889 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX035644.D
Acq: 12 May 2023 17:37

Tgt Ion:164 Resp: 1602
Ion Ratio Lower Upper
164 100
166 107.6 102.7 154.1
129 92.4 75.6 113.4
131 81.1 73.7 110.5





#65

Chlorobenzene

Concen: 1.018 ug/l

RT: 10.079 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VX035644.D

Acq: 12 May 2023 17:37

Instrument :

MSVOA_X

ClientSampleId :

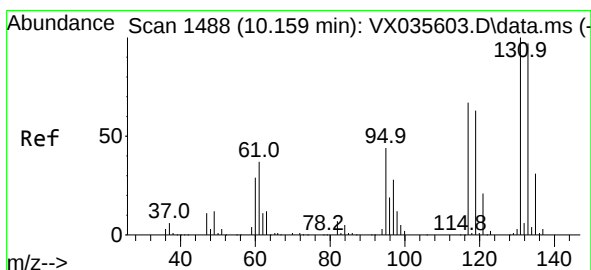
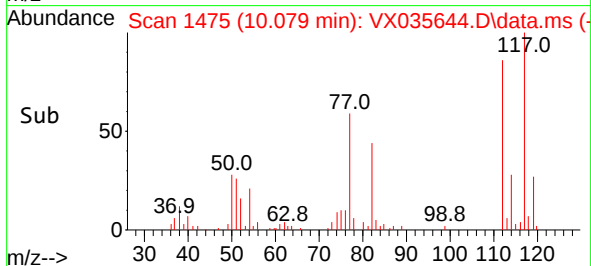
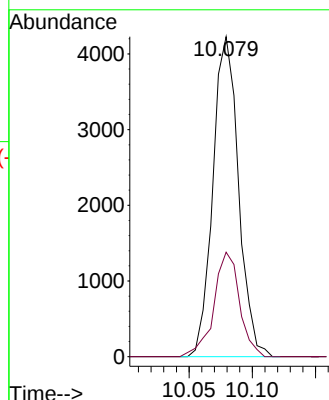
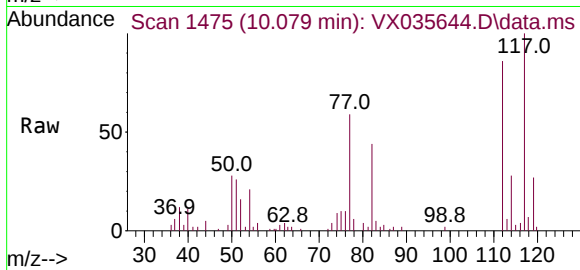
LOQ-WATER-02-QT2-2023

Tgt Ion:112 Resp: 5950

Ion Ratio Lower Upper

112 100

114 32.6 26.2 39.2



#66

1,1,1,2-Tetrachloroethane

Concen: 0.843 ug/l

RT: 10.165 min Scan# 1489

Delta R.T. 0.006 min

Lab File: VX035644.D

Acq: 12 May 2023 17:37

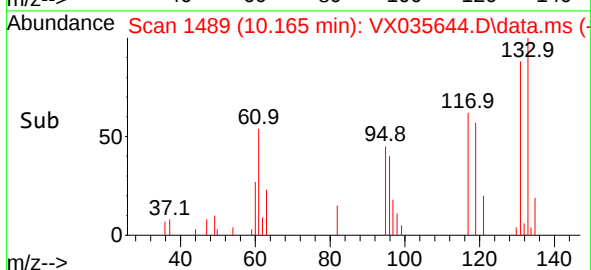
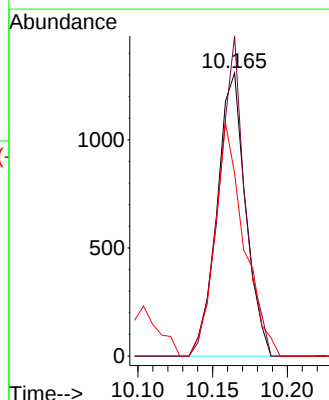
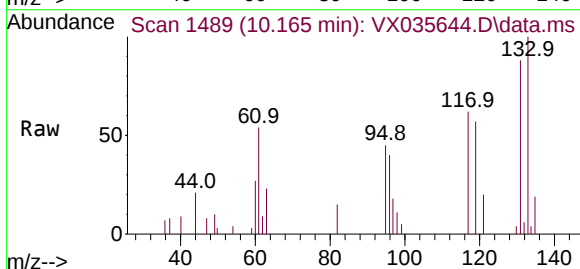
Tgt Ion:131 Resp: 1741

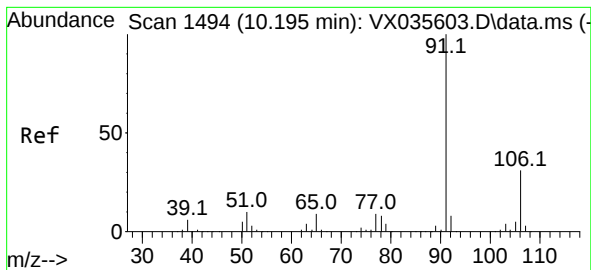
Ion Ratio Lower Upper

131 100

133 101.4 47.1 141.4

119 0.0 32.6 98.0#





#67

Ethyl Benzene

Concen: 0.911 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX035644.D

Acq: 12 May 2023 17:37

Instrument :

MSVOA_X

ClientSampleId :

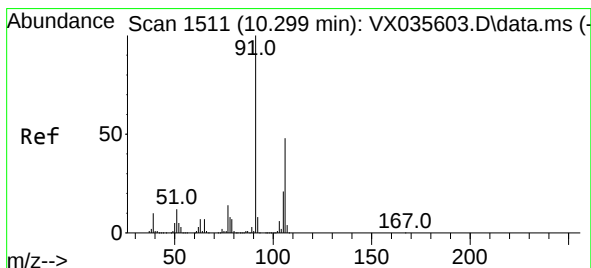
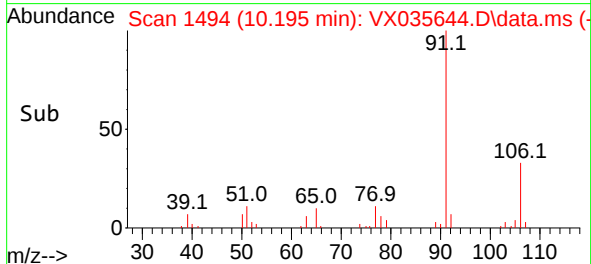
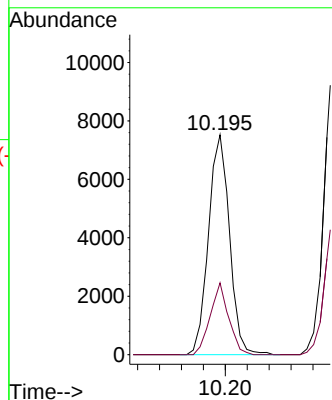
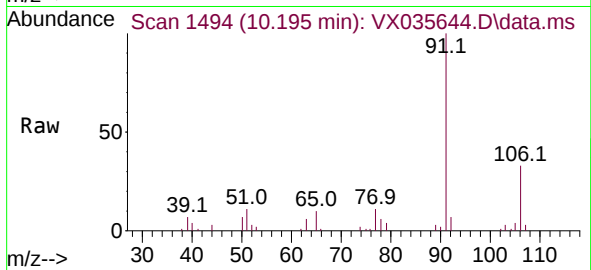
LOQ-WATER-02-QT2-2023

Tgt Ion: 91 Resp: 10010

Ion Ratio Lower Upper

91 100

106 32.7 25.6 38.4



#68

m/p-Xylenes

Concen: 1.757 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX035644.D

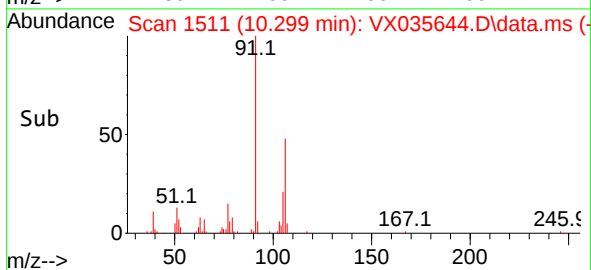
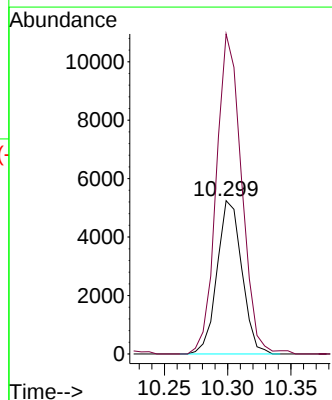
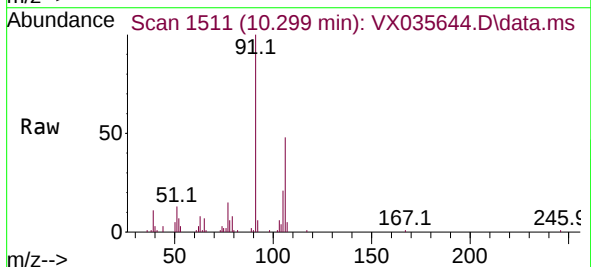
Acq: 12 May 2023 17:37

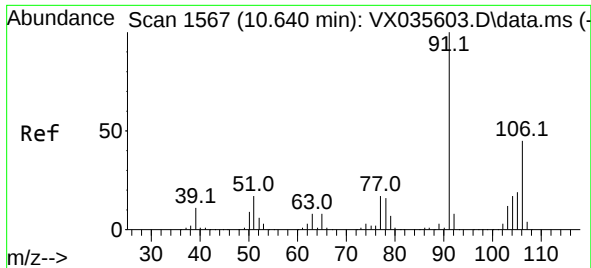
Tgt Ion: 106 Resp: 7138

Ion Ratio Lower Upper

106 100

91 212.9 164.0 246.0

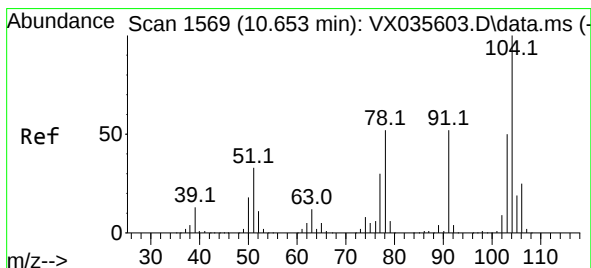
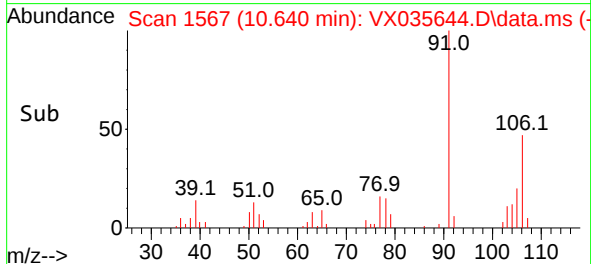
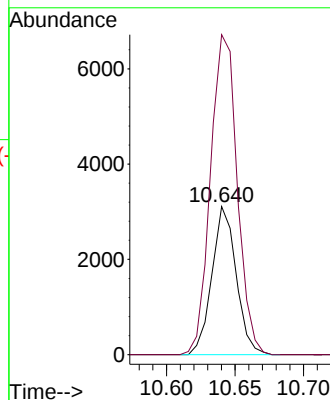
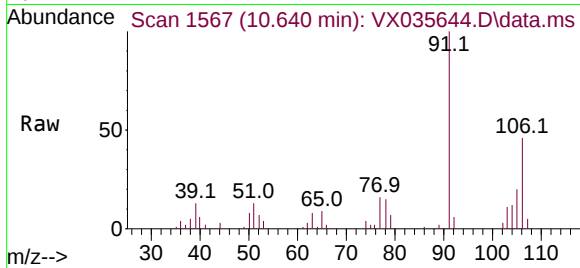




#69
o-Xylene
Concen: 0.950 ug/l
RT: 10.640 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX035644.D
Acq: 12 May 2023 17:37

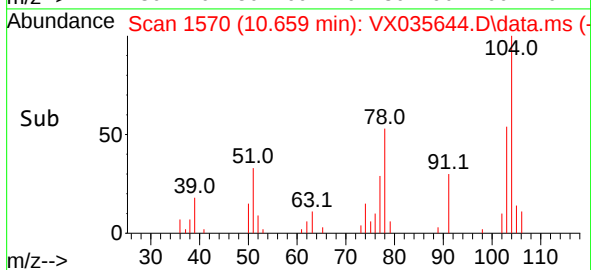
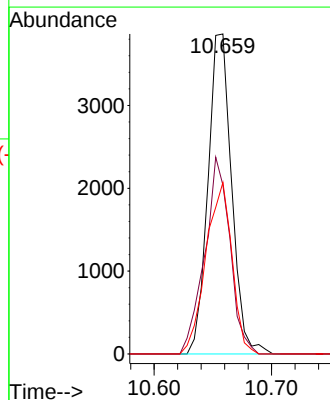
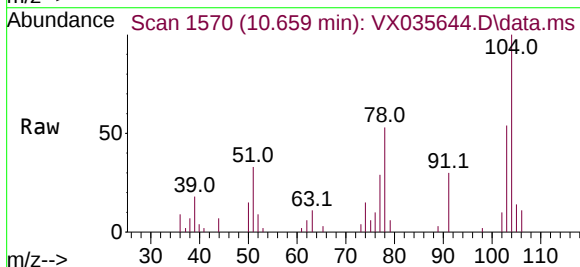
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2023

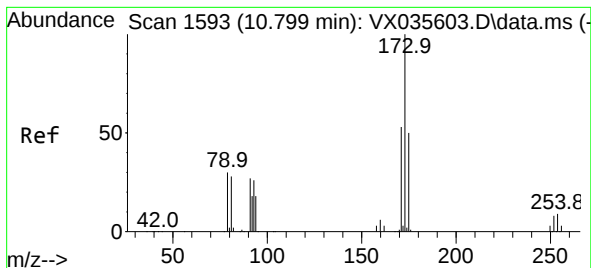
Tgt Ion:106 Resp: 3831
Ion Ratio Lower Upper
106 100
91 237.8 108.5 325.3



#70
Styrene
Concen: 0.833 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. 0.005 min
Lab File: VX035644.D
Acq: 12 May 2023 17:37

Tgt Ion:104 Resp: 5413
Ion Ratio Lower Upper
104 100
78 65.4 43.4 65.2#
103 59.0 44.2 66.2





#71

Bromoform

Concen: 0.852 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX035644.D

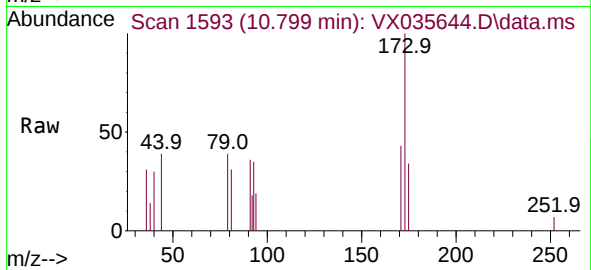
Acq: 12 May 2023 17:37

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2023



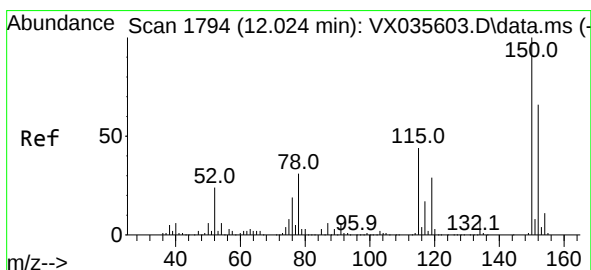
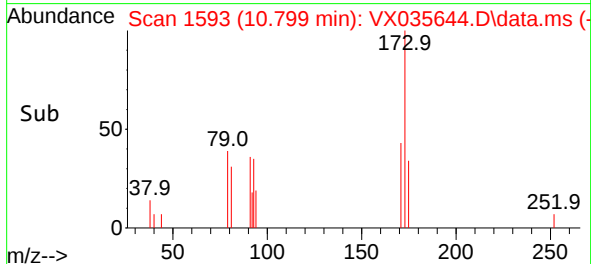
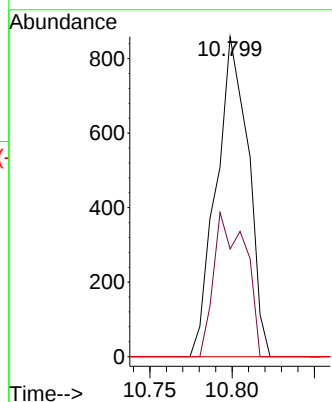
Tgt Ion:173 Resp: 1158

Ion Ratio Lower Upper

173 100

175 44.6 24.1 72.4

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX035644.D

Acq: 12 May 2023 17:37

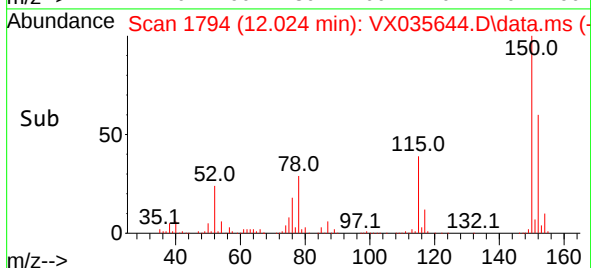
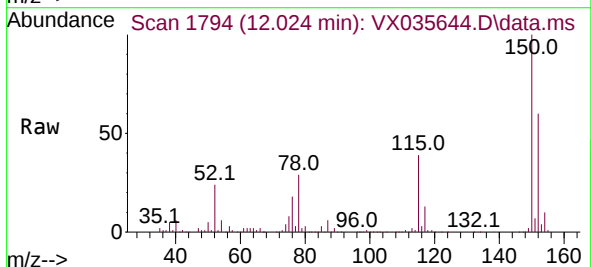
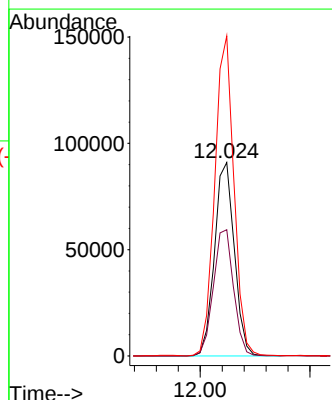
Tgt Ion:152 Resp: 114413

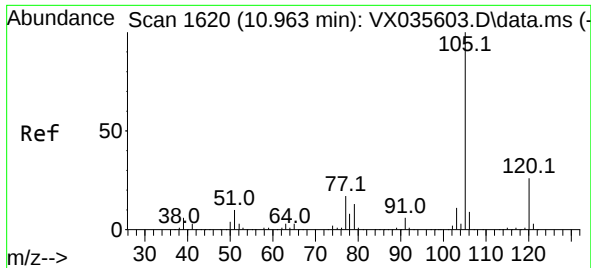
Ion Ratio Lower Upper

152 100

115 66.5 45.0 135.0

150 160.0 0.0 352.4

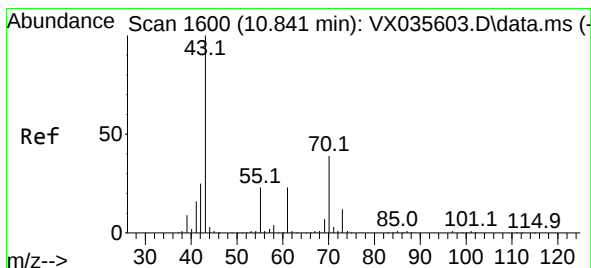
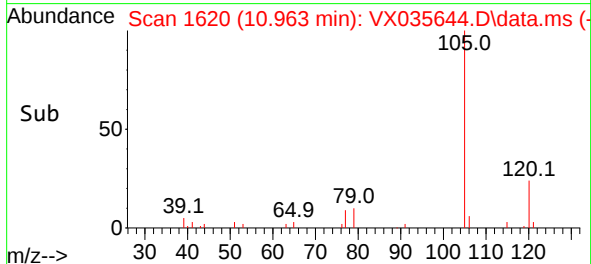
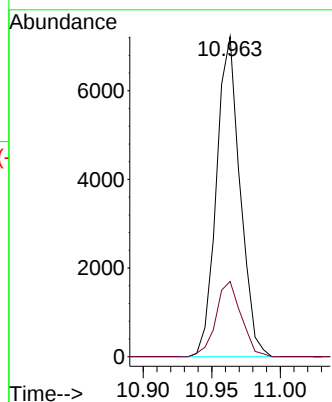
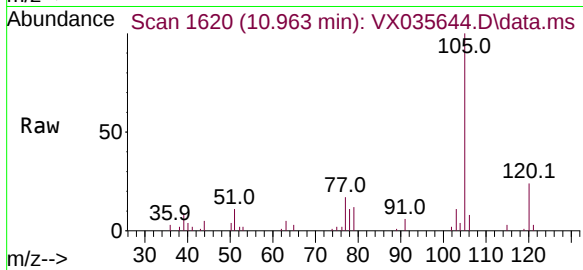




#73
Isopropylbenzene
Concen: 0.897 ug/l
RT: 10.963 min Scan# 1601
Delta R.T. 0.000 min
Lab File: VX035644.D
Acq: 12 May 2023 17:37

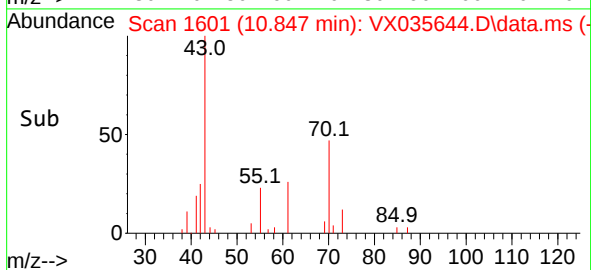
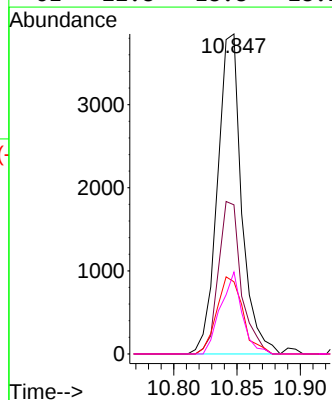
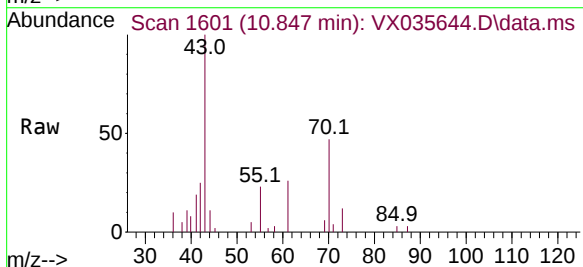
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2023

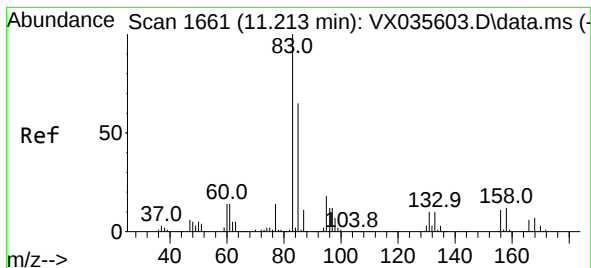
Tgt Ion:105 Resp: 8650
Ion Ratio Lower Upper
105 100
120 25.2 13.3 39.9



#74
N-ethyl acetate
Concen: 1.136 ug/l
RT: 10.847 min Scan# 1601
Delta R.T. 0.006 min
Lab File: VX035644.D
Acq: 12 May 2023 17:37

Tgt Ion: 43 Resp: 5106
Ion Ratio Lower Upper
43 100
70 44.9 32.1 48.1
55 26.1 18.3 27.5
61 22.8 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 1.240 ug/l

RT: 11.213 min Scan# 1661

Delta R.T. 0.000 min

Lab File: VX035644.D

Acq: 12 May 2023 17:37

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2023

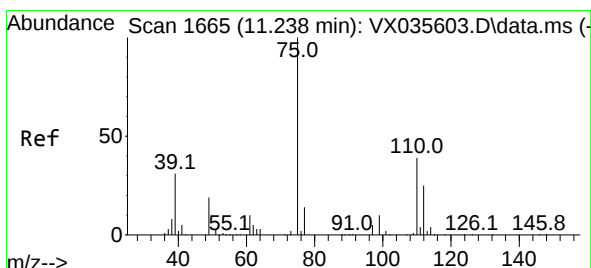
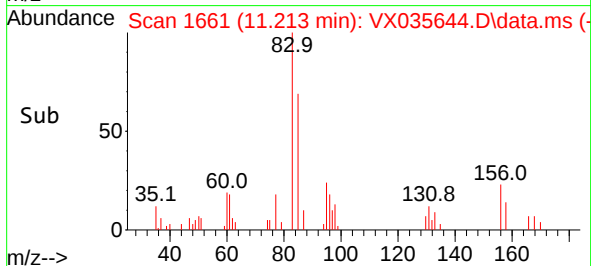
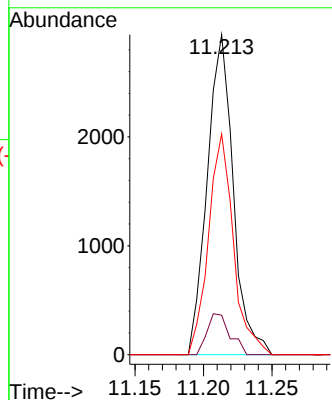
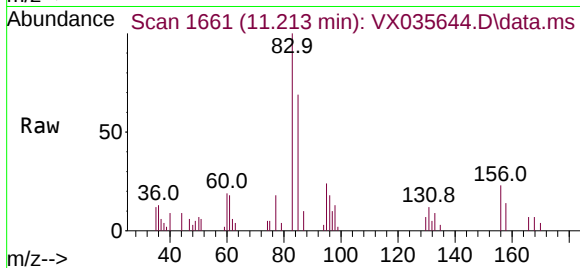
Tgt Ion: 83 Resp: 3878

Ion Ratio Lower Upper

83 100

131 11.2 4.8 14.3

85 66.1 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 1.301 ug/l m

RT: 11.238 min Scan# 1665

Delta R.T. -0.000 min

Lab File: VX035644.D

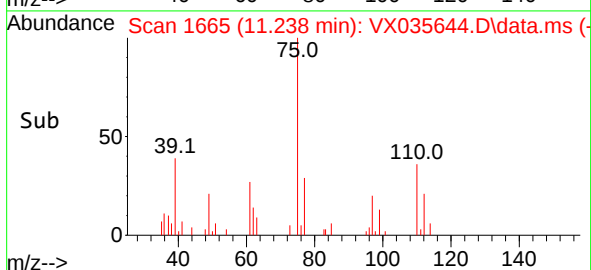
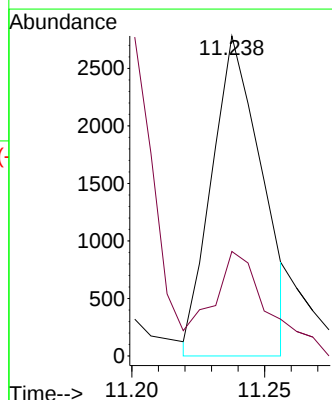
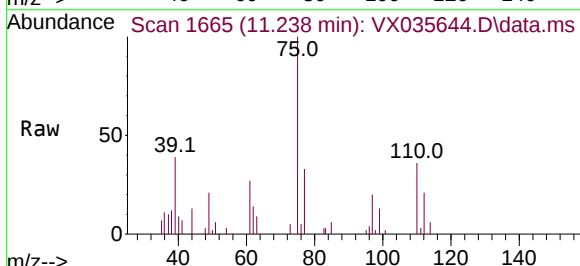
Acq: 12 May 2023 17:37

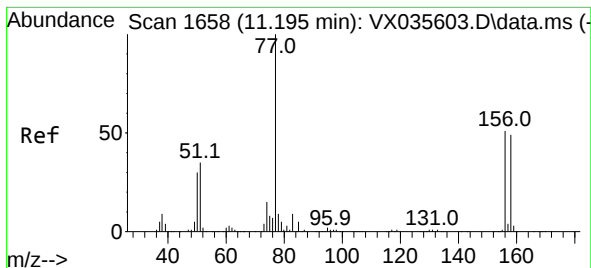
Tgt Ion: 75 Resp: 3641

Ion Ratio Lower Upper

75 100

77 36.6 21.6 64.8





#77

Bromobenzene

Concen: 1.128 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.006 min

Lab File: VX035644.D

Acq: 12 May 2023 17:37

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2023

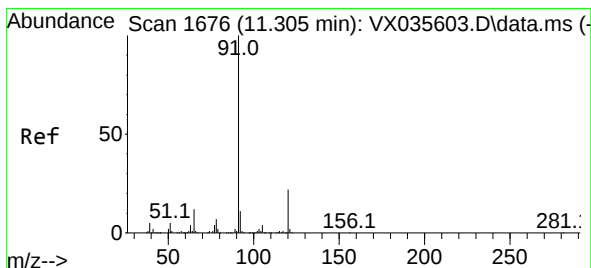
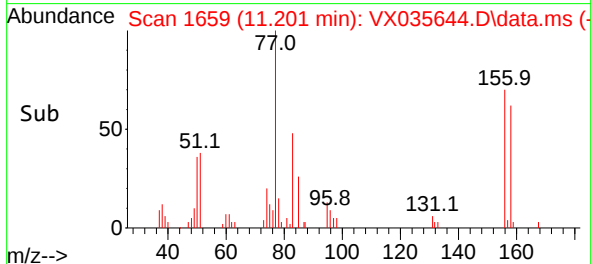
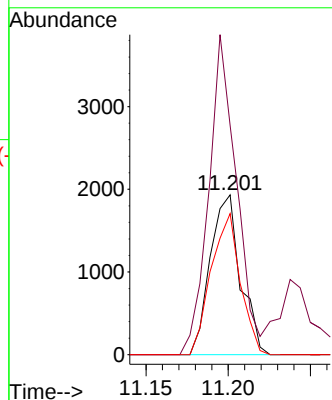
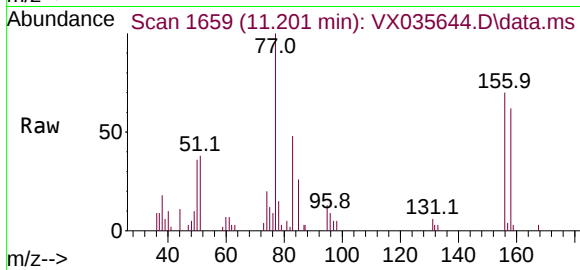
Tgt Ion:156 Resp: 2468

Ion Ratio Lower Upper

156 100

77 183.3 86.7 259.9

158 85.4 48.0 144.0



#78

n-propylbenzene

Concen: 0.890 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX035644.D

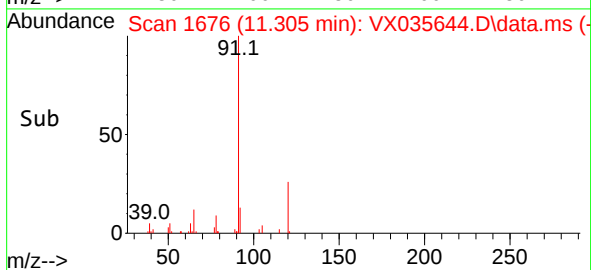
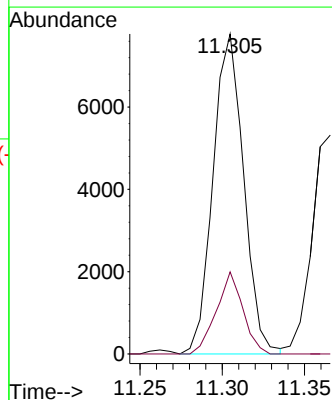
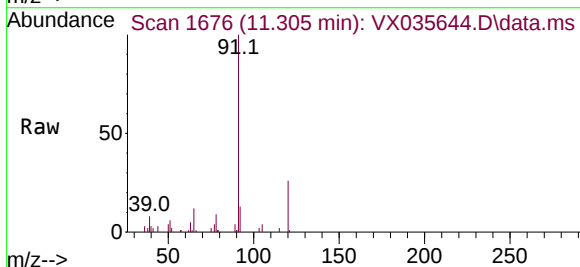
Acq: 12 May 2023 17:37

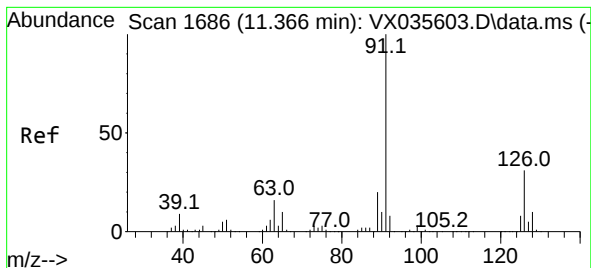
Tgt Ion: 91 Resp: 10085

Ion Ratio Lower Upper

91 100

120 22.2 11.5 34.5





#79

2-Chlorotoluene

Concen: 1.009 ug/l

RT: 11.366 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX035644.D

Acq: 12 May 2023 17:37

Instrument :

MSVOA_X

ClientSampleId :

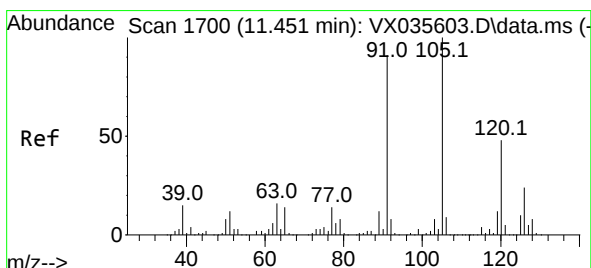
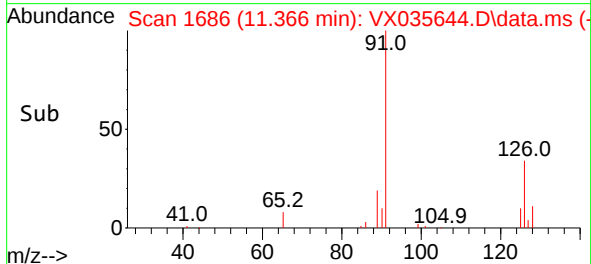
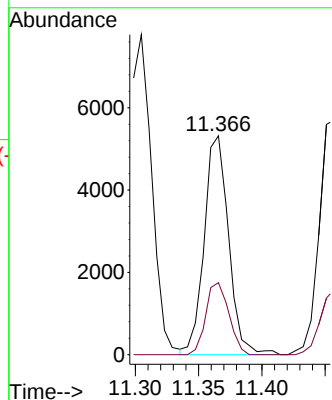
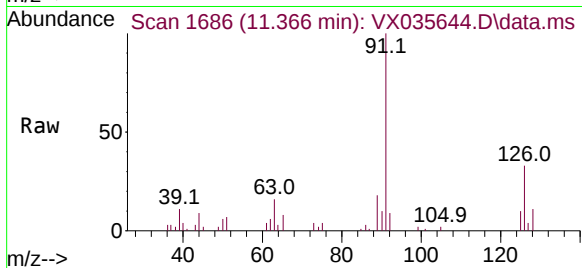
LOQ-WATER-02-QT2-2023

Tgt Ion: 91 Resp: 7156

Ion Ratio Lower Upper

91 100

126 31.0 16.3 48.9



#80

1,3,5-Trimethylbenzene

Concen: 0.873 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX035644.D

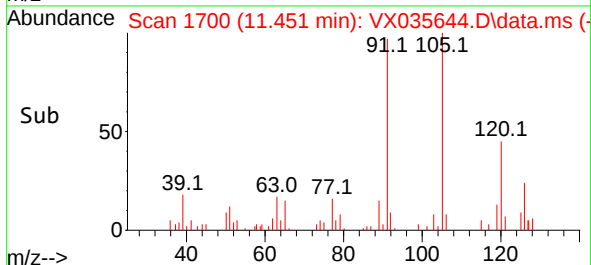
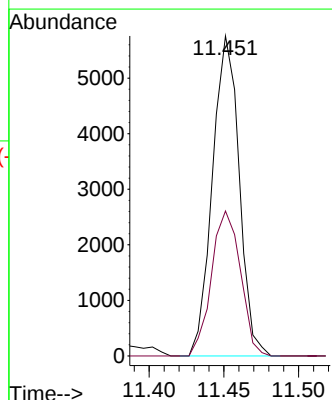
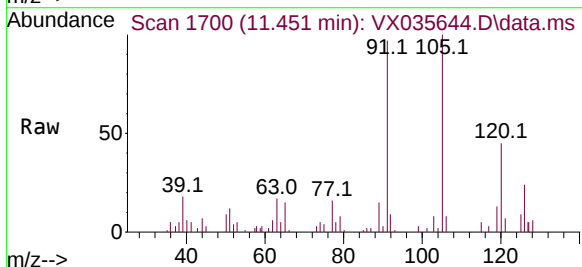
Acq: 12 May 2023 17:37

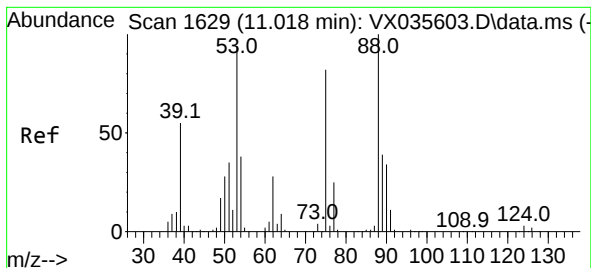
Tgt Ion: 105 Resp: 7151

Ion Ratio Lower Upper

105 100

120 49.1 23.7 71.1

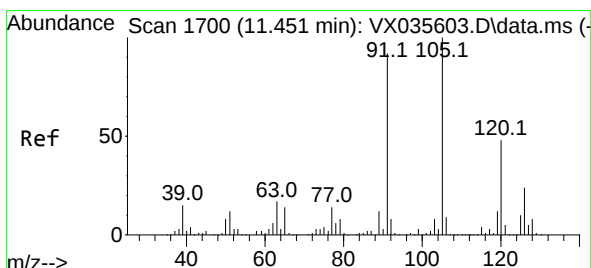
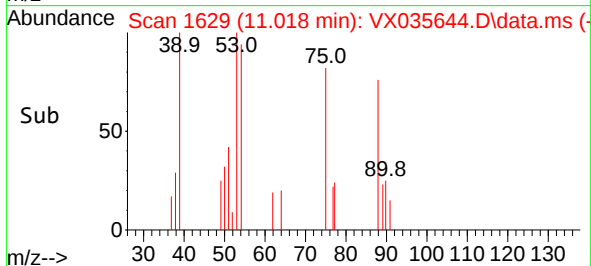
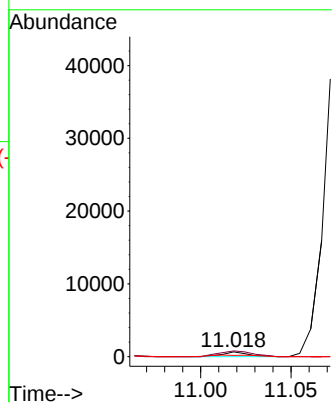
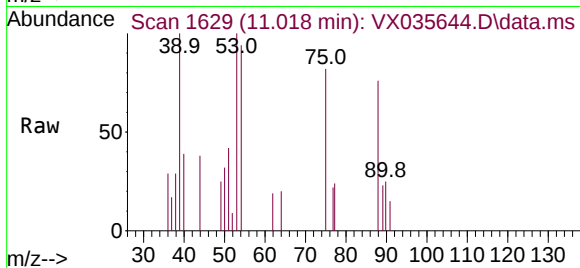




#81
trans-1,4-Dichloro-2-butene
Concen: 0.761 ug/l m
RT: 11.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX035644.D
Acq: 12 May 2023 17:37

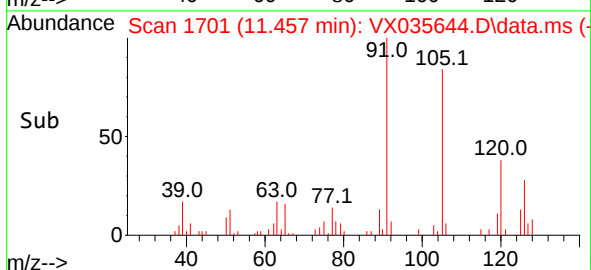
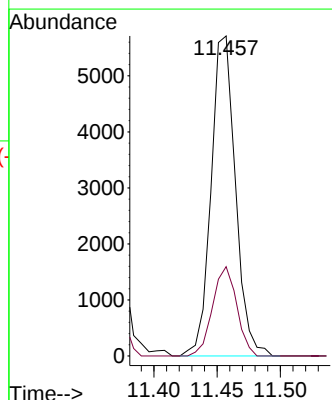
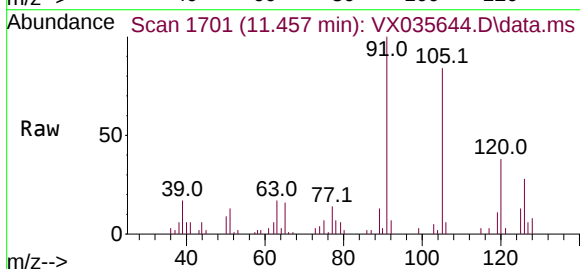
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2023

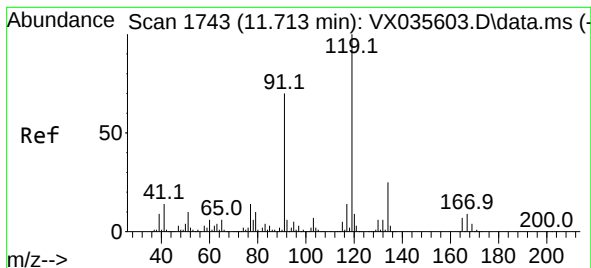
Tgt Ion: 75 Resp: 661
Ion Ratio Lower Upper
75 100
53 0.0 82.6 124.0#
89 0.0 36.9 55.3#



#82
4-Chlorotoluene
Concen: 0.937 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX035644.D
Acq: 12 May 2023 17:37

Tgt Ion: 91 Resp: 7653
Ion Ratio Lower Upper
91 100
126 27.6 14.2 42.6





#83

tert-Butylbenzene

Concen: 0.877 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX035644.D

Acq: 12 May 2023 17:37

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2023

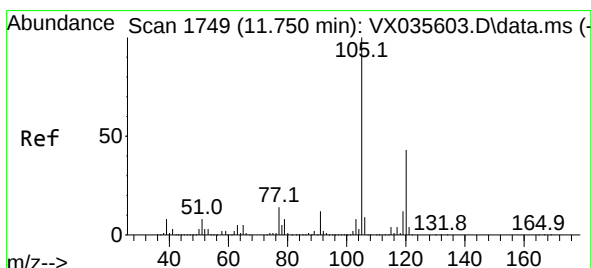
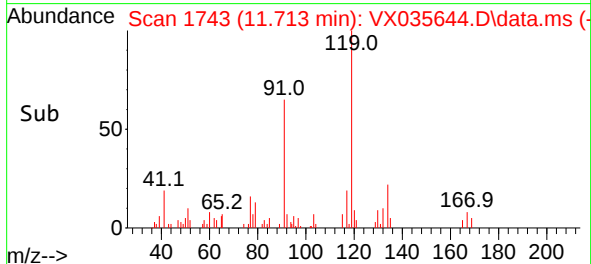
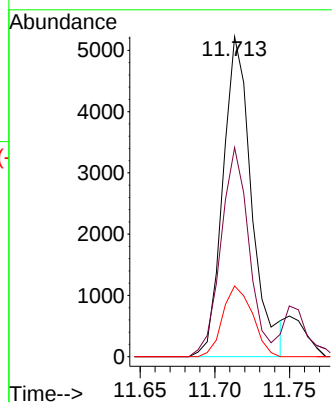
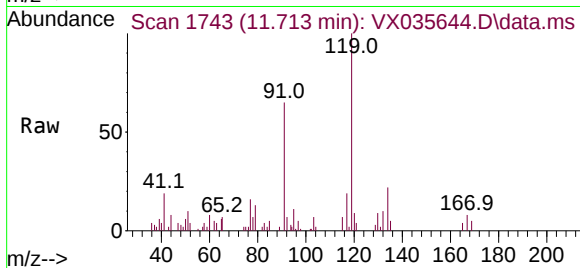
Tgt Ion:119 Resp: 6987

Ion Ratio Lower Upper

119 100

91 63.8 30.6 92.0

134 22.9 11.8 35.4



#84

1,2,4-Trimethylbenzene

Concen: 0.994 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX035644.D

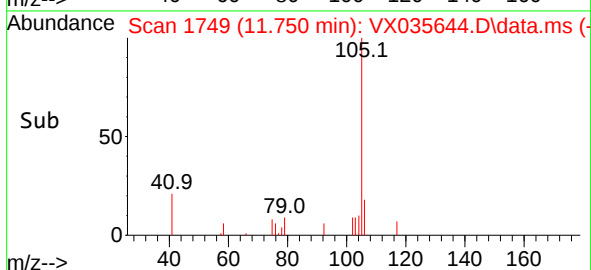
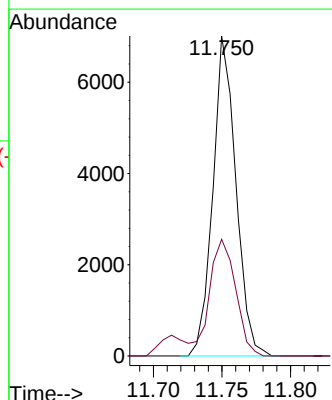
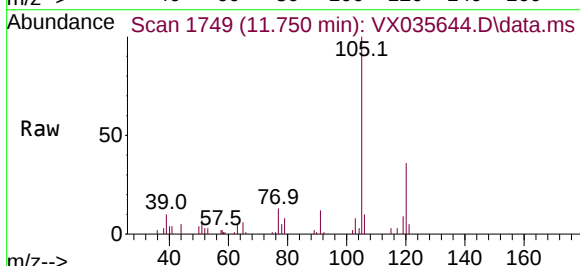
Acq: 12 May 2023 17:37

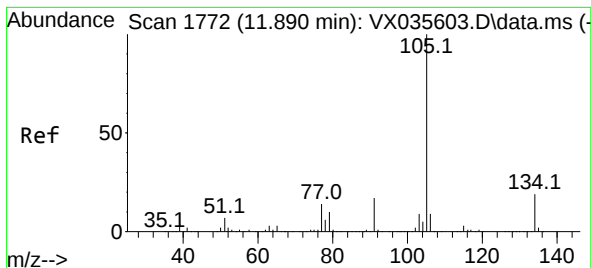
Tgt Ion:105 Resp: 8179

Ion Ratio Lower Upper

105 100

120 41.5 22.4 67.0





#85

sec-Butylbenzene

Concen: 0.736 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. -0.000 min

Lab File: VX035644.D

Acq: 12 May 2023 17:37

Instrument :

MSVOA_X

ClientSampleId :

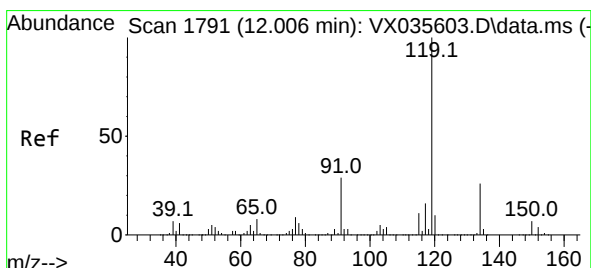
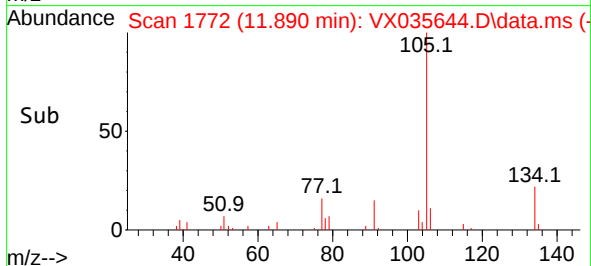
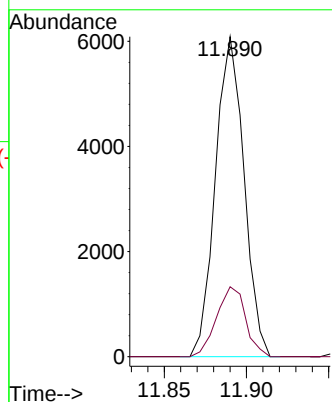
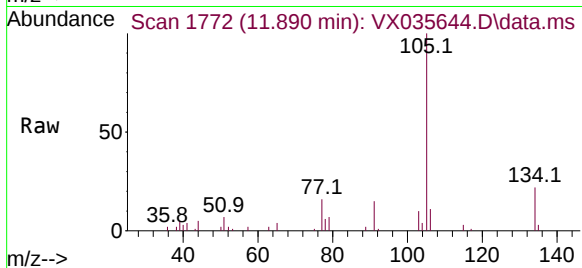
LOQ-WATER-02-QT2-2023

Tgt Ion:105 Resp: 7361

Ion Ratio Lower Upper

105 100

134 22.1 10.2 30.4



#86

p-Isopropyltoluene

Concen: 0.740 ug/l

RT: 12.012 min Scan# 1792

Delta R.T. 0.006 min

Lab File: VX035644.D

Acq: 12 May 2023 17:37

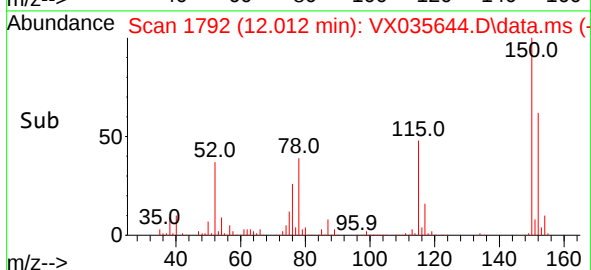
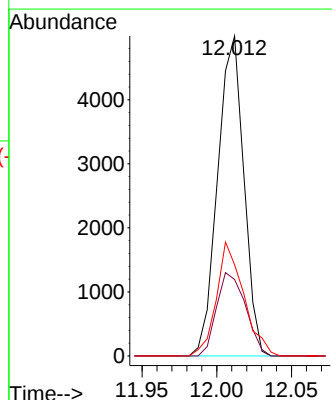
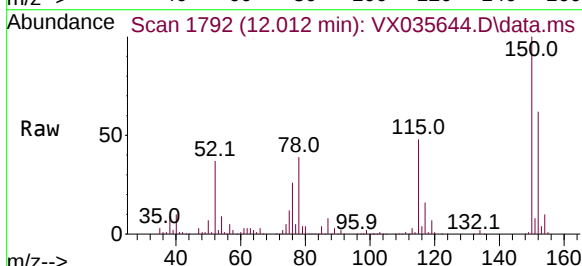
Tgt Ion:119 Resp: 6084

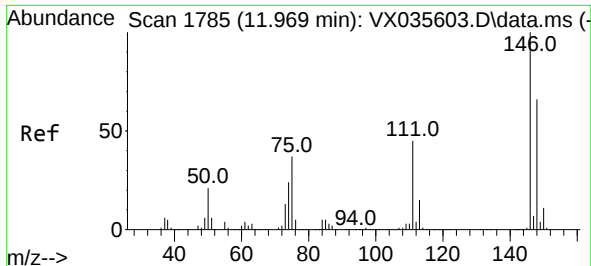
Ion Ratio Lower Upper

119 100

134 28.8 13.2 39.5

91 37.0 12.9 38.7





#87

1,3-Dichlorobenzene

Concen: 0.963 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX035644.D

Acq: 12 May 2023 17:37

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2023

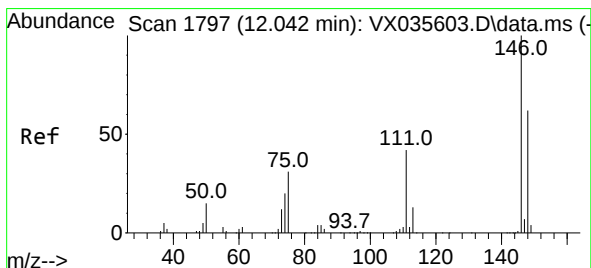
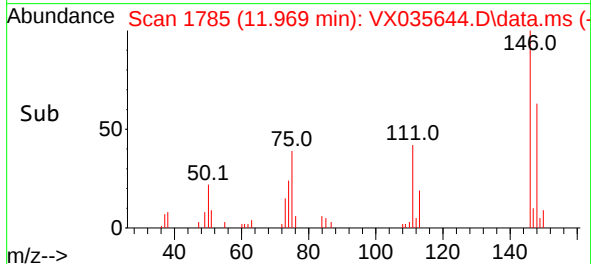
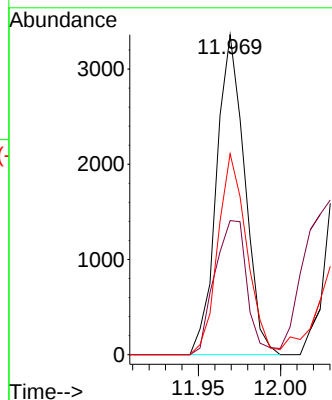
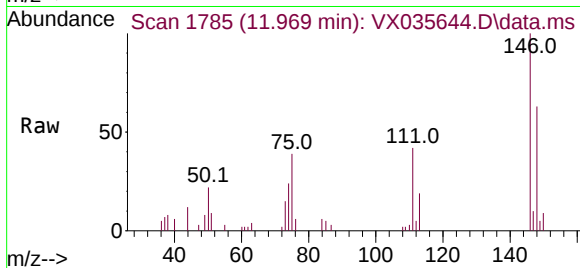
Tgt Ion:146 Resp: 4004

Ion Ratio Lower Upper

146 100

111 48.5 20.9 62.8

148 64.7 31.6 95.0



#88

1,4-Dichlorobenzene

Concen: 1.140 ug/l m

RT: 12.042 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX035644.D

Acq: 12 May 2023 17:37

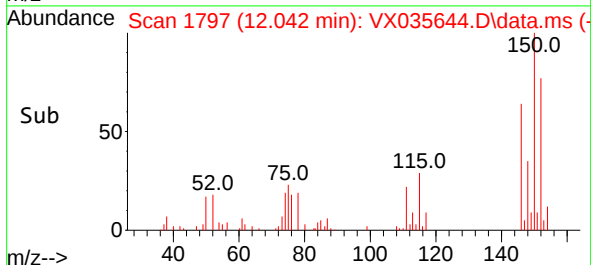
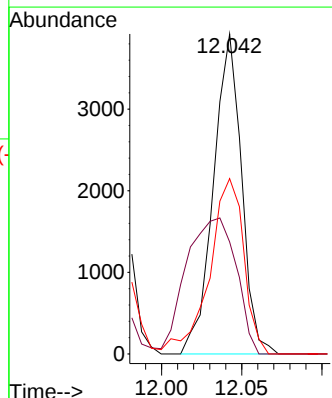
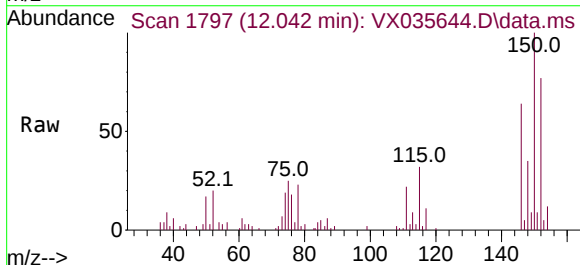
Tgt Ion:146 Resp: 4784

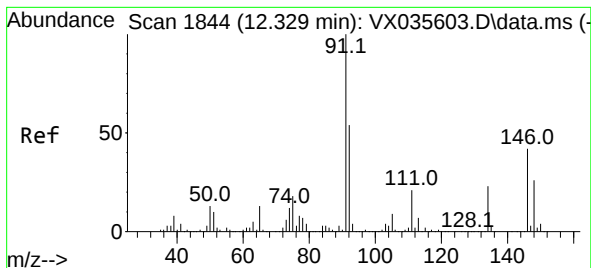
Ion Ratio Lower Upper

146 100

111 40.6 20.6 61.9

148 54.1 31.8 95.4





#89

n-Butylbenzene

Concen: 0.694 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.006 min

Lab File: VX035644.D

Acq: 12 May 2023 17:37

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2023

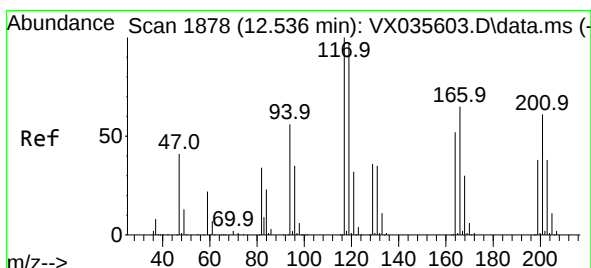
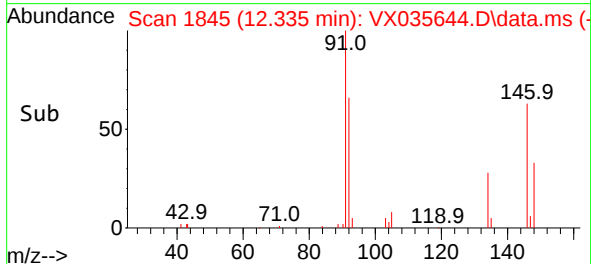
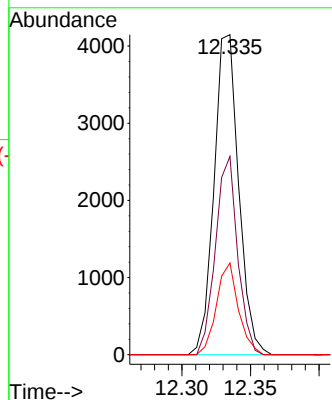
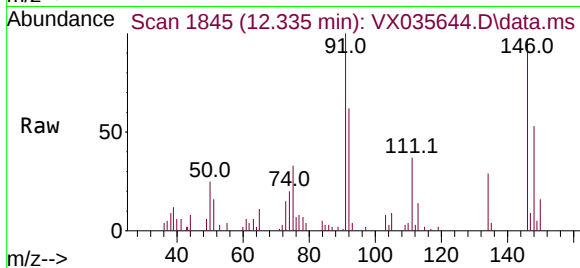
Tgt Ion: 91 Resp: 5194

Ion Ratio Lower Upper

91 100

92 55.5 27.7 83.0

134 25.5 13.0 38.9



#90

Hexachloroethane

Concen: 0.616 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX035644.D

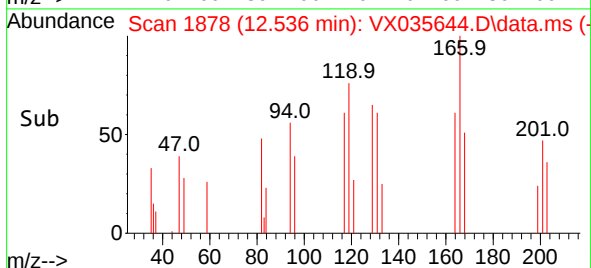
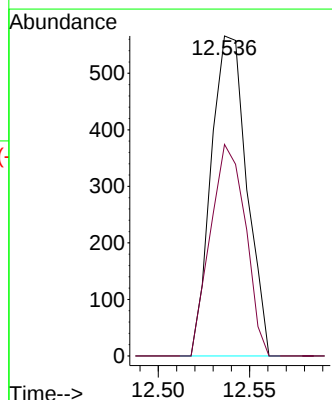
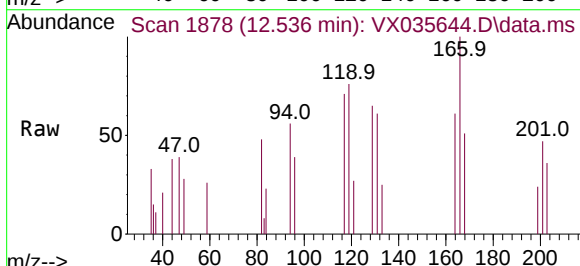
Acq: 12 May 2023 17:37

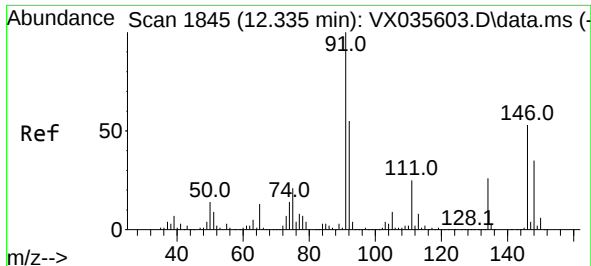
Tgt Ion: 117 Resp: 768

Ion Ratio Lower Upper

117 100

201 65.1 34.4 103.1





#91

1,2-Dichlorobenzene

Concen: 1.113 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX035644.D

Acq: 12 May 2023 17:37

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2023

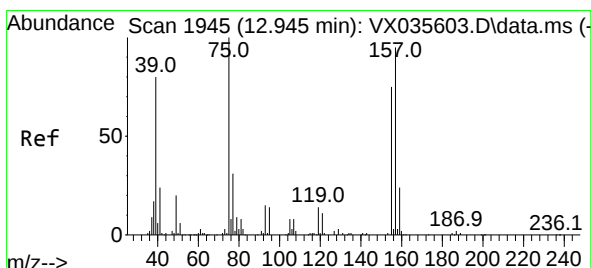
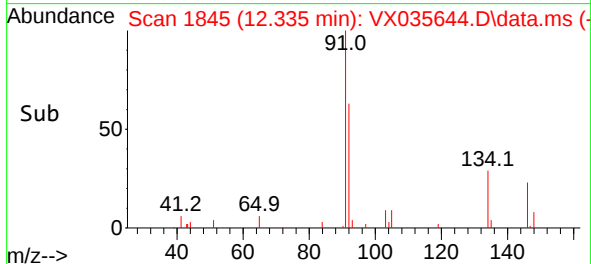
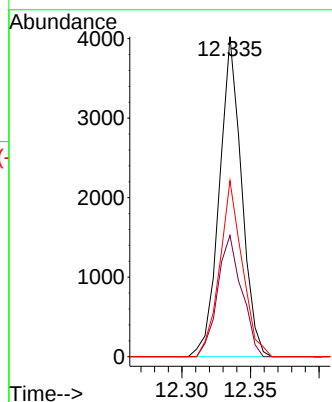
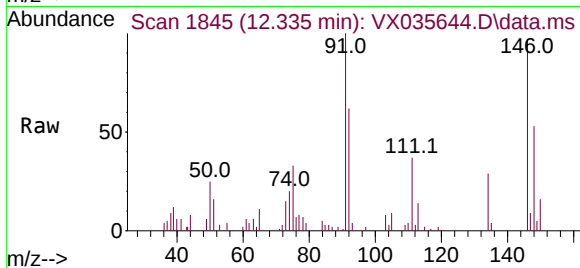
Tgt Ion:146 Resp: 4532

Ion Ratio Lower Upper

146 100

111 41.3 22.0 66.0

148 56.0 32.0 96.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 1.070 ug/l

RT: 12.945 min Scan# 1945

Delta R.T. -0.000 min

Lab File: VX035644.D

Acq: 12 May 2023 17:37

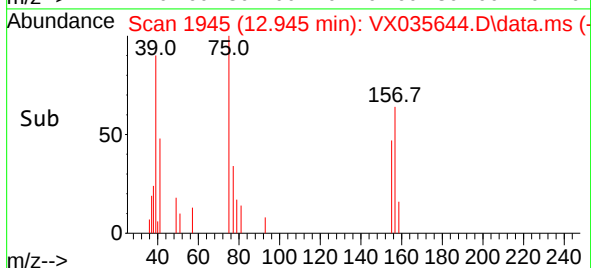
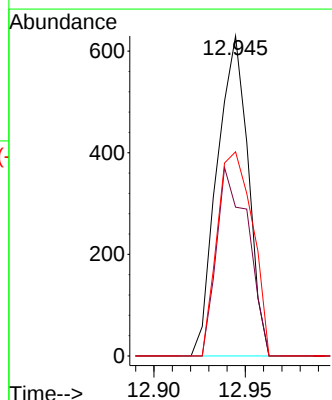
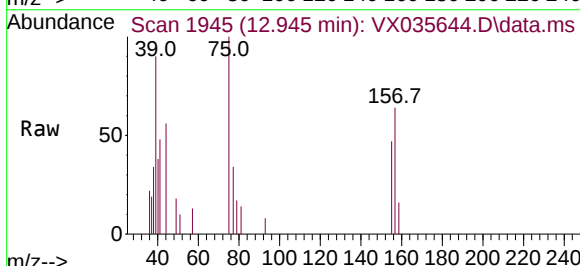
Tgt Ion: 75 Resp: 745

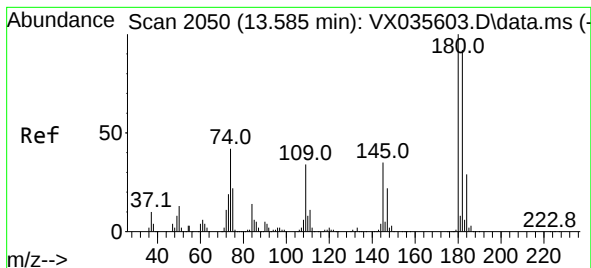
Ion Ratio Lower Upper

75 100

155 59.9 38.4 115.1

157 72.5 49.9 149.7





#93

1,2,4-Trichlorobenzene

Concen: 0.917 ug/l

RT: 13.591 min Scan# 2050

Delta R.T. 0.006 min

Lab File: VX035644.D

Acq: 12 May 2023 17:37

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2023

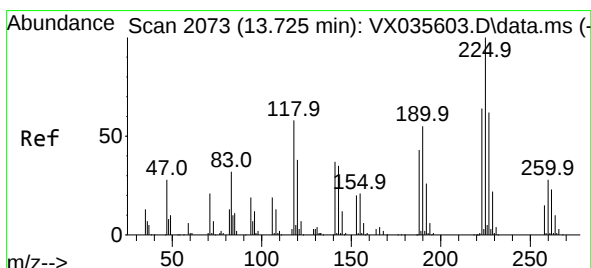
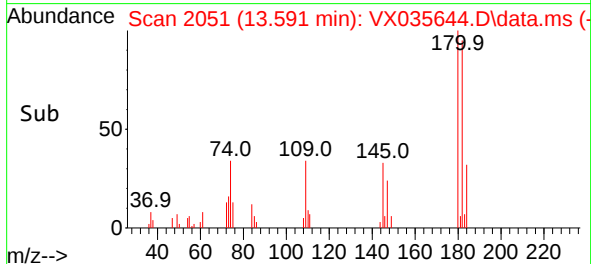
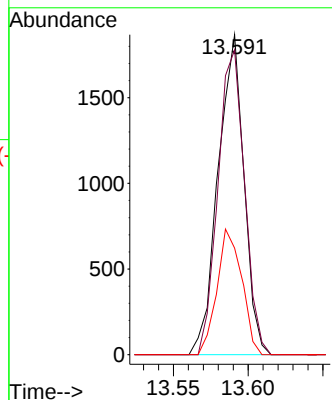
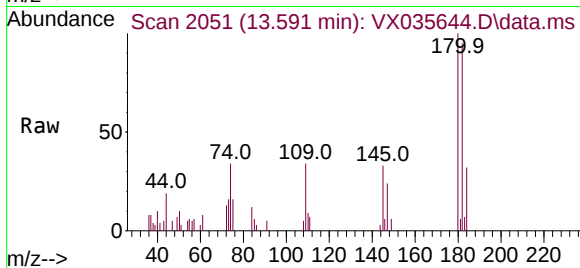
Tgt Ion:180 Resp: 2247

Ion Ratio Lower Upper

180 100

182 97.6 47.0 141.0

145 37.5 15.9 47.7



#94

Hexachlorobutadiene

Concen: 0.684 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX035644.D

Acq: 12 May 2023 17:37

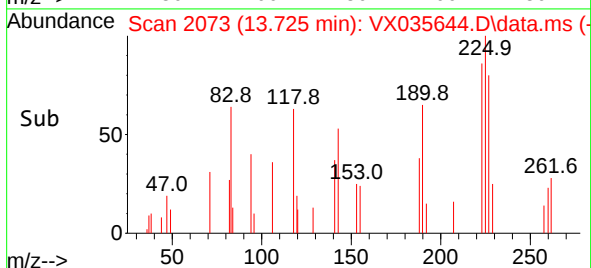
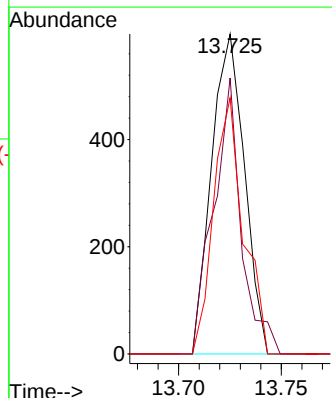
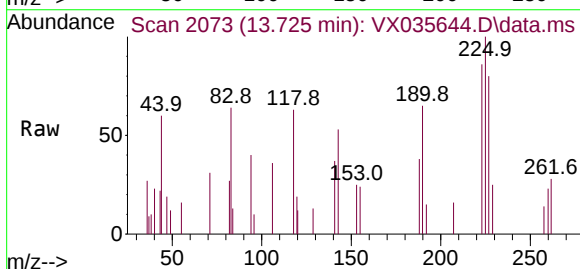
Tgt Ion:225 Resp: 665

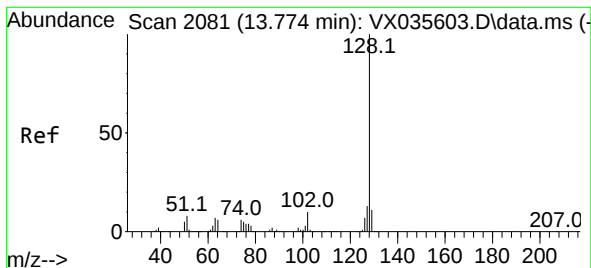
Ion Ratio Lower Upper

225 100

223 72.6 32.1 96.5

227 72.9 31.8 95.4





#95

Naphthalene

Concen: 1.105 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX035644.D

Acq: 12 May 2023 17:37

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2023

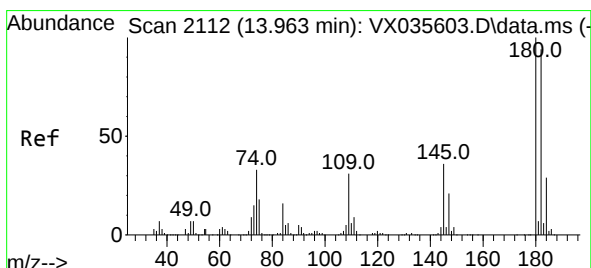
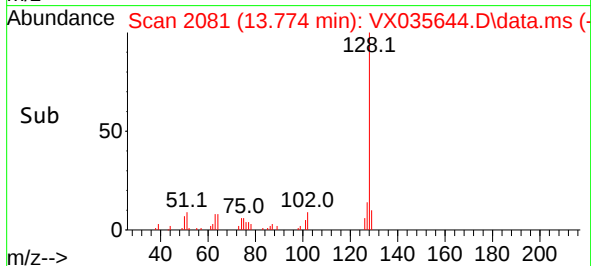
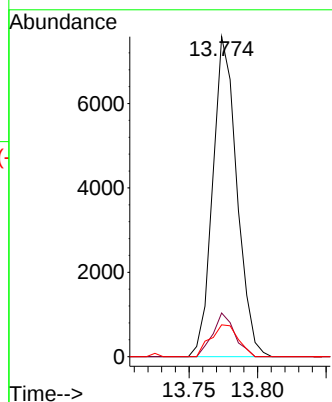
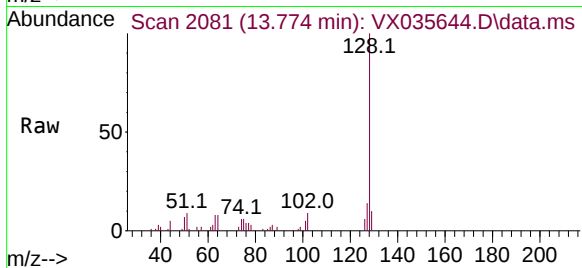
Tgt Ion:128 Resp: 9273

Ion Ratio Lower Upper

128 100

127 12.5 10.2 15.4

129 11.4 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 1.007 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX035644.D

Acq: 12 May 2023 17:37

Tgt Ion:180 Resp: 2427

Ion Ratio Lower Upper

180 100

182 96.7 48.0 144.2

145 33.5 17.7 53.1

