

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032823\
 Data File : VX034786.D
 Acq On : 28 Mar 2023 12:00
 Operator : JC/MD
 Sample : 01627-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT1-2023

Quant Time: Mar 28 15:18:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X032823W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Mar 28 09:11:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.897	128	25241	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	183124	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	191738	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	75922	31.305	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 104.333%			
60) 4-Bromofluorobenzene	11.079	95	107524	28.065	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 93.567%			
63) Toluene-d8	8.647	98	199594	30.632	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 102.100%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	12469	5.208	ug/l	99
3) Chloromethane	1.294	50	16432	5.293	ug/l	94
4) Vinyl Chloride	1.374	62	15984	5.219	ug/l	97
5) Bromomethane	1.618	94	13055	6.480	ug/l	97
6) Chloroethane	1.691	64	10696	5.366	ug/l	94
7) Trichlorofluoromethane	1.886	101	27839	5.706	ug/l	92
8) Diethyl Ether	2.136	74	9990	5.688	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.331	101	14077	5.688	ug/l	98
10) 1,1-Dichloroethene	2.319	96	13227	5.279	ug/l	94
11) Methyl Iodide	2.453	142	13652	4.279	ug/l	97
12) Methyl Acetate	2.709	43	29484	5.314	ug/l	97
13) Acrolein	2.239	56	18055	28.062	ug/l	99
14) Acrylonitrile	3.068	53	40034	26.204	ug/l	98
15) Acetone	2.392	58	11252	27.128	ug/l	90
16) Carbon Disulfide	2.514	76	30122	4.700	ug/l	98
17) Allyl chloride	2.666	41	25042	5.165	ug/l	97
18) Methylene Chloride	2.788	84	16001	5.422	ug/l	98
19) trans-1,2-Dichloroethene	3.093	96	14829	5.409	ug/l	91
20) Diisopropyl ether	3.757	45	52778	5.314	ug/l #	91
21) 1,1-Dichloroethane	3.611	63	28457	5.358	ug/l	98
22) cis-1,2-Dichloroethene	4.495	96	16852	5.278	ug/l	99
23) tert-Butyl Alcohol	3.001	59	13221	19.233	ug/l #	100
24) Methyl tert-Butyl Ether	3.111	73	49377	5.304	ug/l	96
25) Chloroform	5.093	83	28526	5.281	ug/l	100
26) Cyclohexane	5.471	56	25446	5.467	ug/l #	95
29) 1,1-Dichloropropene	5.690	75	20469	4.860	ug/l	85
30) 2-Butanone	4.568	43	58906	25.078	ug/l	99
31) 2,2-Dichloropropane	4.477	77	21139	4.949	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	22677	4.590	ug/l	99
33) Carbon Tetrachloride	5.678	117	18399	4.512	ug/l	98
34) Benzene	6.037	78	62658	5.119	ug/l	97
35) Methacrylonitrile	4.922	41	6812	2.650	ug/l	90
36) 1,2-Dichloroethane	6.092	62	24471	5.099	ug/l	97
37) Trichloroethene	7.129	130	15501	4.976	ug/l	99
38) Methylcyclohexane	7.379	83	23877	5.189	ug/l	99
39) 1,2-Dichloropropane	7.427	63	16434	5.165	ug/l	100
40) Dibromomethane	7.580	93	10723	4.906	ug/l	99
41) Bromodichloromethane	7.824	83	18216	4.425	ug/l #	98
42) Vinyl Acetate	3.721	43	179526	23.428	ug/l	100

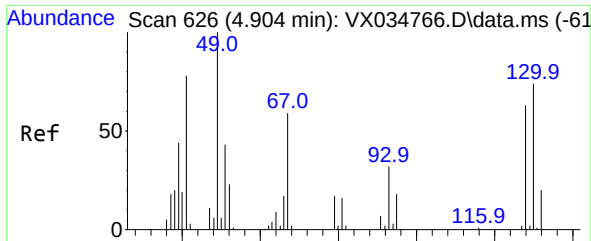
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032823\
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.715	43	19812	4.349	ug/l	96
44) Isopropyl Acetate	6.342	43	34841	4.518	ug/l	97
45) 1,4-Dioxane	7.708	88	5430	71.071	ug/l #	73
46) Methyl methacrylate	7.696	41	17128	4.558	ug/l	95
47) n-amyl Acetate	10.848	43	26085	3.891	ug/l	100
48) t-1,3-Dichloropropene	8.982	75	17697	3.946	ug/l	93
49) cis-1,3-Dichloropropene	8.366	75	20485	4.157	ug/l	92
50) 1,1,2-Trichloroethane	9.153	97	15395	5.056	ug/l	96
51) Ethyl methacrylate	9.116	69	22033	4.459	ug/l	95
52) 1,3-Dichloropropane	9.311	76	26918	5.005	ug/l	98
53) Dibromochloromethane	9.519	129	12047	4.000	ug/l	98
54) 1,2-Dibromoethane	9.610	107	15198	4.666	ug/l	99
55) 2-Chloroethyl vinyl ether	8.238	63	60320	23.195	ug/l	99
56) Bromoform	10.799	173	7399	3.563	ug/l	97
58) 4-Methyl-2-Pentanone	8.574	43	111817	25.435	ug/l	100
59) 2-Hexanone	9.433	43	85036	25.691	ug/l	97
61) Tetrachloroethene	9.275	164	14464	5.599	ug/l	93
62) Toluene	8.720	91	66149	5.276	ug/l	100
64) Chlorobenzene	10.079	112	40853	5.291	ug/l	97
65) 1,1,1,2-Tetrachloroethane	10.159	131	12456	4.513	ug/l	98
66) Ethyl Benzene	10.195	91	70813	5.071	ug/l	96
67) m/p-Xylenes	10.299	106	54386	10.236	ug/l	100
68) o-Xylene	10.640	106	27248	5.186	ug/l	98
69) Styrene	10.659	104	39747	4.589	ug/l	98
70) Isopropylbenzene	10.963	105	68613	5.046	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.213	83	22394	5.010	ug/l	98
72) 1,2,3-Trichloropropane	11.238	75	22970	5.645	ug/l	94
73) Bromobenzene	11.201	156	16568	5.073	ug/l	97
74) n-propylbenzene	11.305	91	77945	4.924	ug/l	100
75) 2-Chlorotoluene	11.366	91	49837	5.050	ug/l	100
76) 1,3,5-Trimethylbenzene	11.451	105	55340	4.834	ug/l	100
77) t-1,4-Dichloro-2-butene	11.018	75	3926	3.142	ug/l	85
78) 4-Chlorotoluene	11.457	91	55618	4.916	ug/l	99
79) tert-butylbenzene	11.713	119	52852	4.837	ug/l	98
80) 1,2,4-Trimethylbenzene	11.750	105	56465	4.964	ug/l	99
81) sec-Butylbenzene	11.890	105	65543	4.950	ug/l	100
82) p-Isopropyltoluene	12.006	119	53679	4.804	ug/l	99
83) 1,3-Dichlorobenzene	11.969	146	30216	4.899	ug/l	99
84) 1,4-Dichlorobenzene	12.042	146	31197	5.037	ug/l	98
85) n-Butylbenzene	12.335	91	44068	4.576	ug/l	99
86) Hexachloroethane	12.536	117	6868	3.753	ug/l	99
87) 1,2-Dichlorobenzene	12.335	146	30467	5.049	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	12.945	75	3708	3.796	ug/l	89
89) 1,2,4-Trichlorobenzene	13.591	180	17559	4.850	ug/l	96
90) Hexachlorobutadiene	13.725	225	6835	4.896	ug/l #	58
91) Naphthalene	13.774	128	57325	4.482	ug/l	100
92) 1,2,3-Trichlorobenzene	13.963	180	17321	4.786	ug/l	97

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



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 4.897 min Scan# 61

Delta R.T. -0.007 min

Lab File: VX034786.D

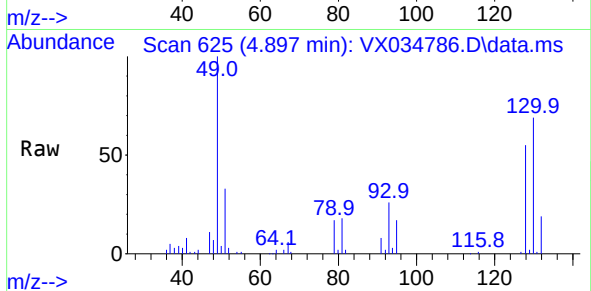
Acq: 28 Mar 2023 12:00

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2023



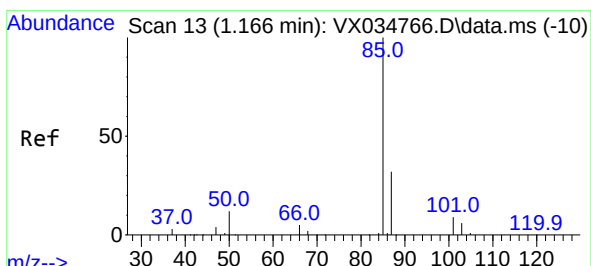
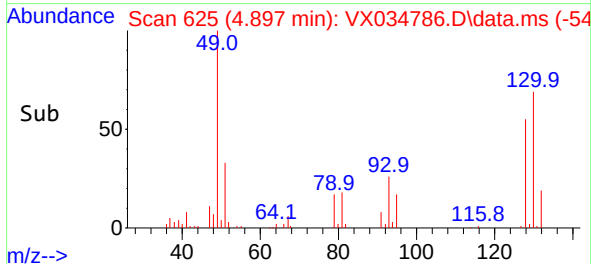
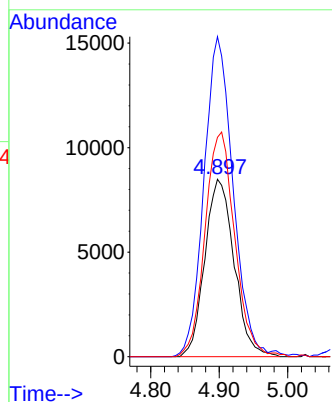
Tgt Ion:128 Resp: 25241

Ion Ratio Lower Upper

128 100

49 177.9 0.0 428.8

130 127.7 0.0 310.8



#2

Dichlorodifluoromethane

Concen: 5.208 ug/l

RT: 1.166 min Scan# 13

Delta R.T. 0.000 min

Lab File: VX034786.D

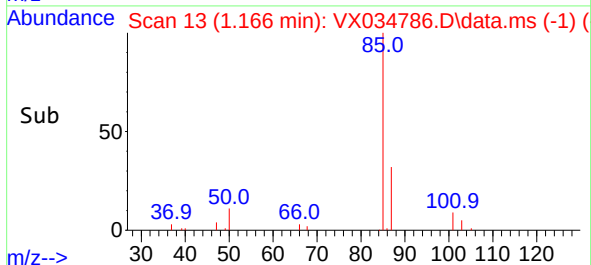
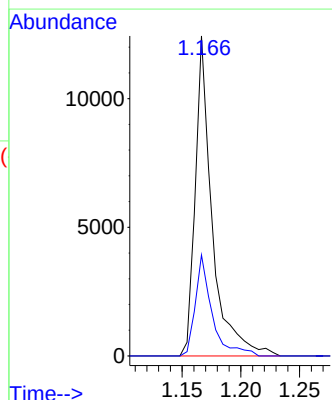
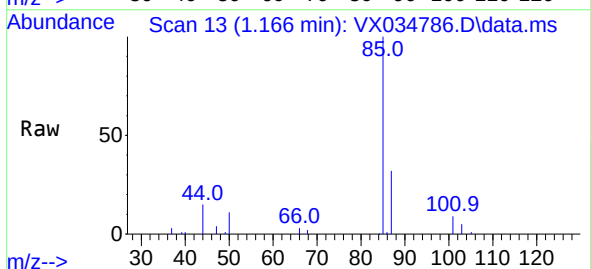
Acq: 28 Mar 2023 12:00

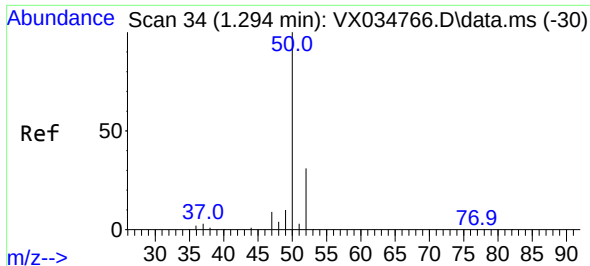
Tgt Ion: 85 Resp: 12469

Ion Ratio Lower Upper

85 100

87 31.6 16.0 48.0

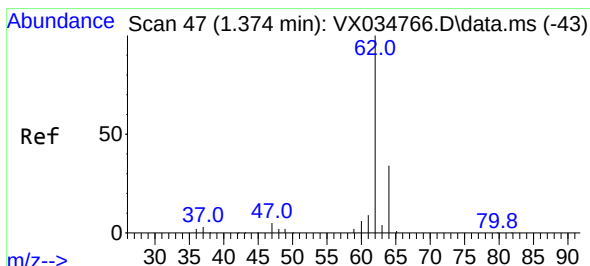
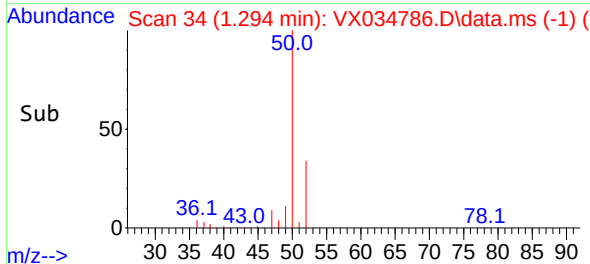
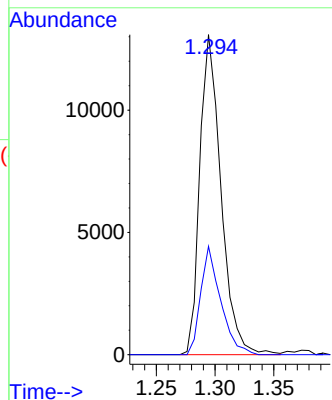
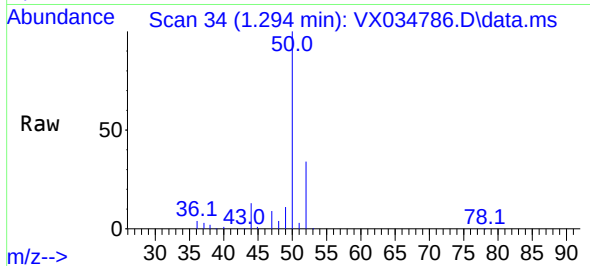




#3
Chloromethane
Concen: 5.293 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX034786.D
Acq: 28 Mar 2023 12:00

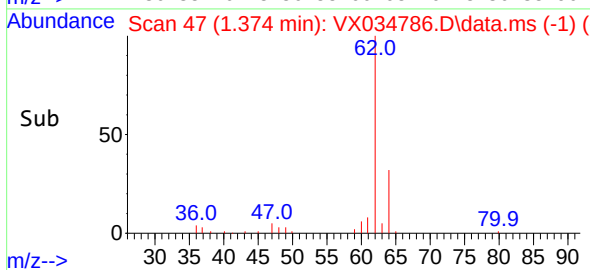
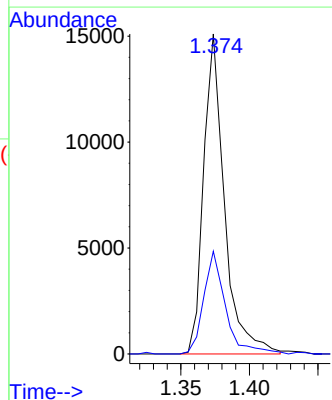
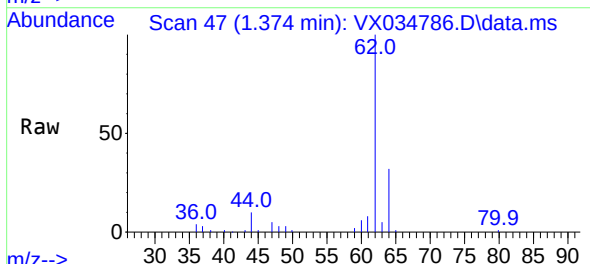
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT1-2023

Tgt Ion: 50 Resp: 16432
Ion Ratio Lower Upper
50 100
52 33.8 24.6 36.8

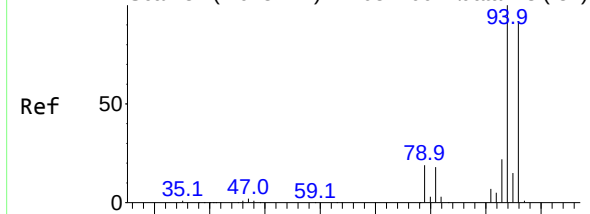


#4
Vinyl Chloride
Concen: 5.219 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX034786.D
Acq: 28 Mar 2023 12:00

Tgt Ion: 62 Resp: 15984
Ion Ratio Lower Upper
62 100
64 32.1 26.9 40.3



Abundance Scan 87 (1.618 min): VX034766.D\data.ms (-82)



#5

Bromomethane

Concen: 6.480 ug/l

RT: 1.618 min Scan# 81

Delta R.T. 0.000 min

Lab File: VX034786.D

Acq: 28 Mar 2023 12:00

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2023

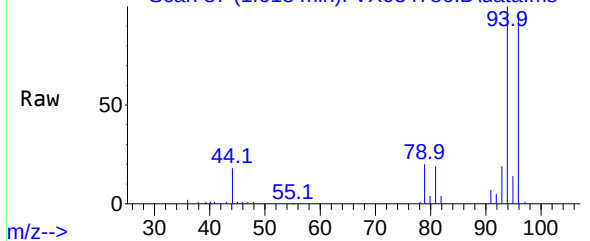
Tgt Ion: 94 Resp: 13055

Ion Ratio Lower Upper

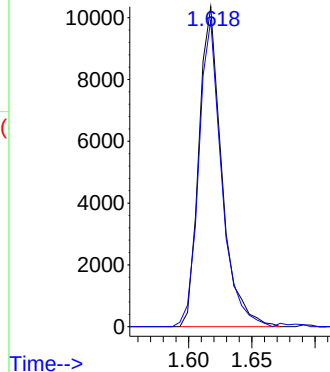
94 100

96 94.7 73.4 110.0

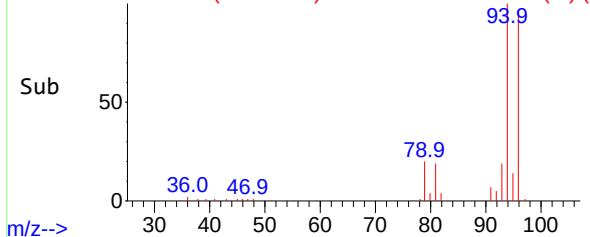
Abundance Scan 87 (1.618 min): VX034786.D\data.ms



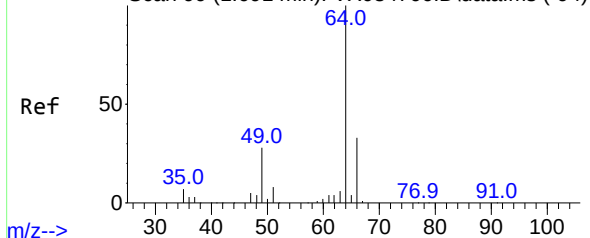
Abundance



Abundance Scan 87 (1.618 min): VX034786.D\data.ms (-5)



Abundance Scan 99 (1.691 min): VX034766.D\data.ms (-94)



#6

Chloroethane

Concen: 5.366 ug/l

RT: 1.691 min Scan# 99

Delta R.T. 0.000 min

Lab File: VX034786.D

Acq: 28 Mar 2023 12:00

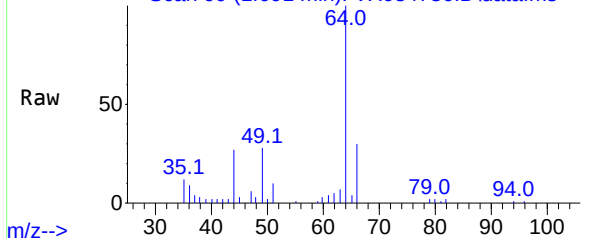
Tgt Ion: 64 Resp: 10696

Ion Ratio Lower Upper

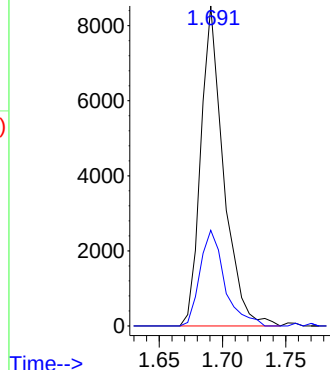
64 100

66 29.9 26.6 40.0

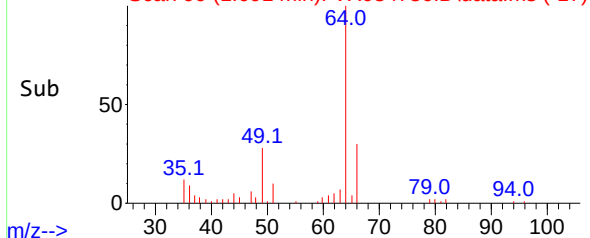
Abundance Scan 99 (1.691 min): VX034786.D\data.ms

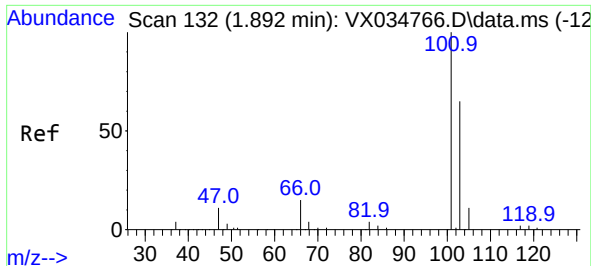


Abundance



Abundance Scan 99 (1.691 min): VX034786.D\data.ms (-17)

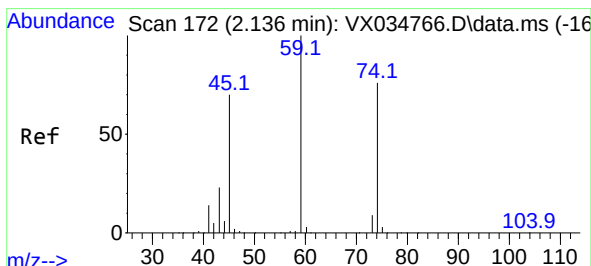
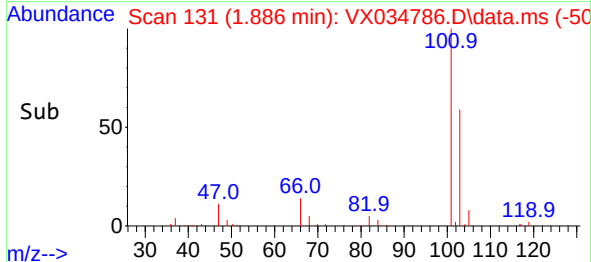
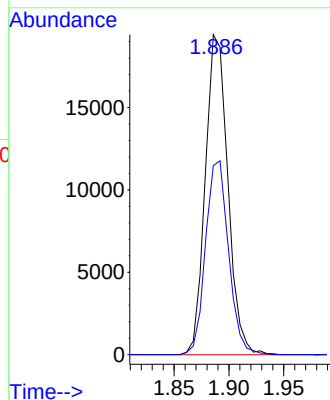
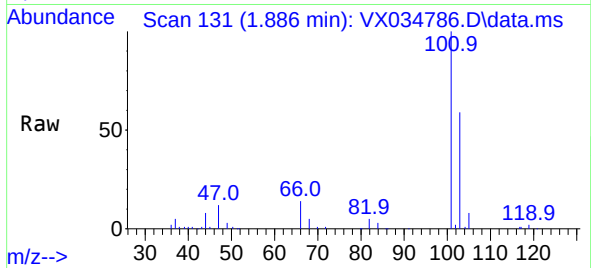




#7
Trichlorofluoromethane
Concen: 5.706 ug/l
RT: 1.886 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX034786.D
Acq: 28 Mar 2023 12:00

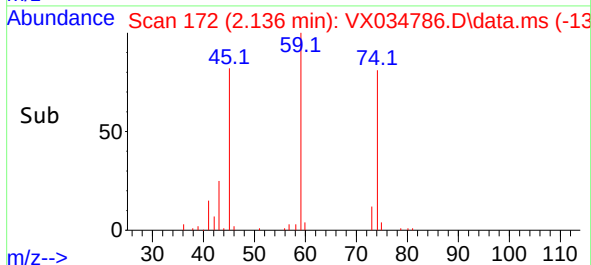
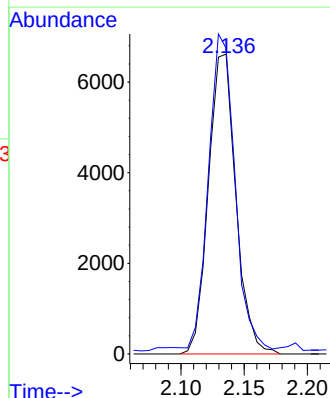
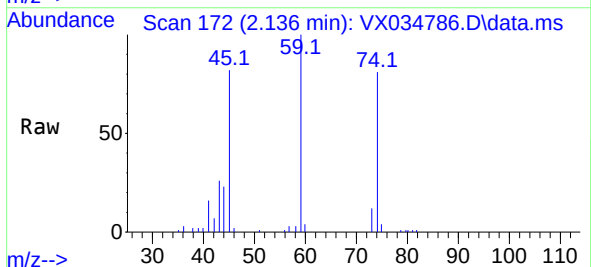
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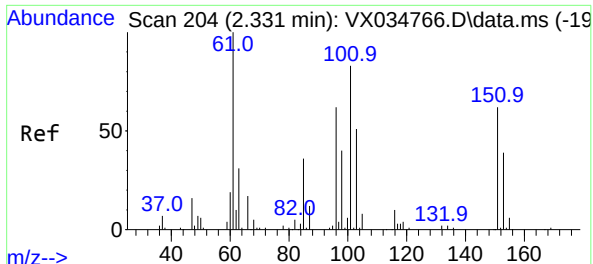
Tgt Ion:101 Resp: 27839
Ion Ratio Lower Upper
101 100
103 59.1 52.1 78.1



#8
Diethyl Ether
Concen: 5.688 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX034786.D
Acq: 28 Mar 2023 12:00

Tgt Ion: 74 Resp: 9990
Ion Ratio Lower Upper
74 100
45 104.6 20.5 184.5

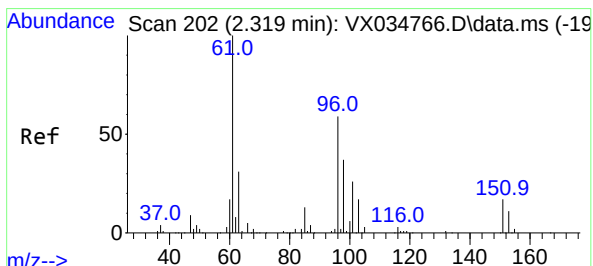
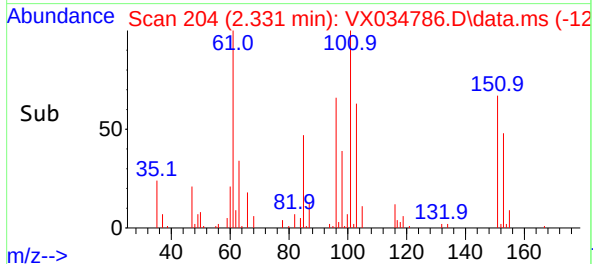
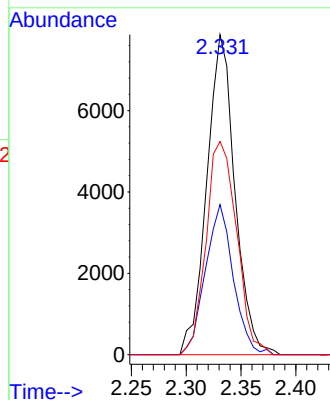
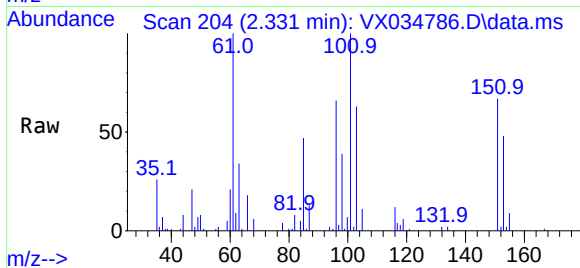




#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.688 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX034786.D
Acq: 28 Mar 2023 12:00

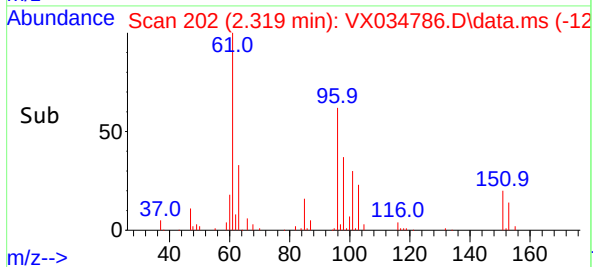
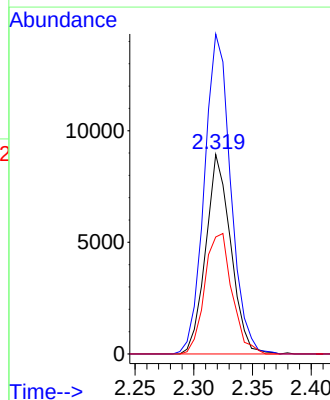
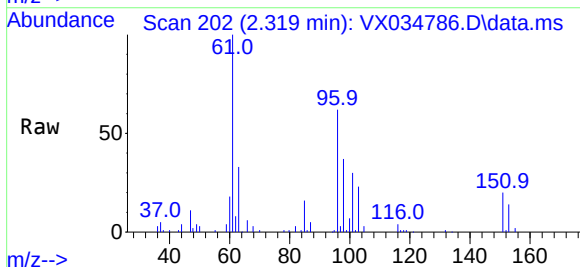
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2023

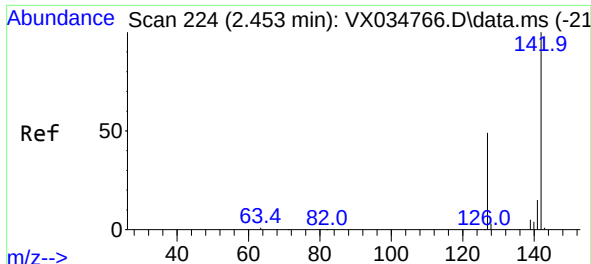
Tgt Ion:101 Resp: 14077
Ion Ratio Lower Upper
101 100
85 46.1 0.0 88.8
151 72.4 0.0 147.6



#10
1,1-Dichloroethene
Concen: 5.279 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX034786.D
Acq: 28 Mar 2023 12:00

Tgt Ion: 96 Resp: 13227
Ion Ratio Lower Upper
96 100
61 160.3 135.8 203.6
98 58.6 49.8 74.6

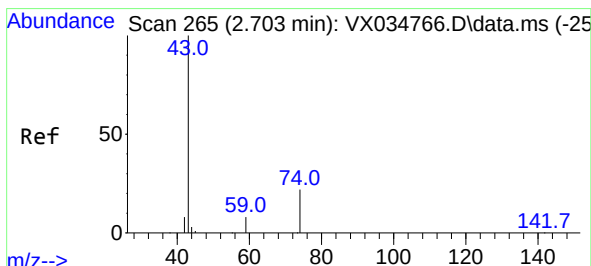
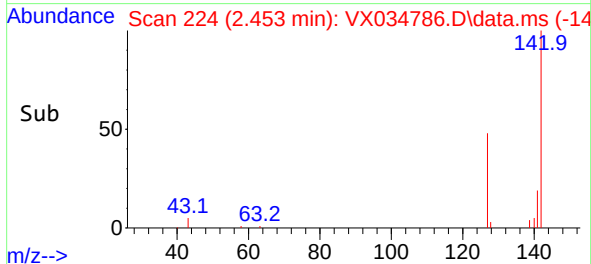
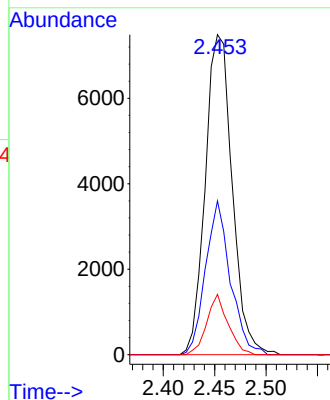
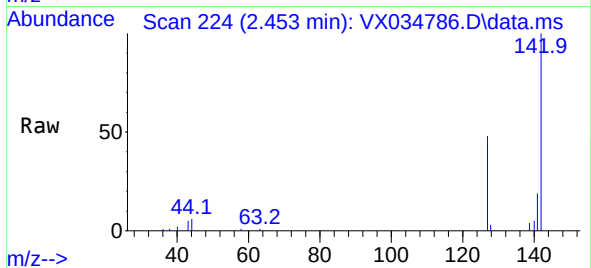




#11
Methyl Iodide
Concen: 4.279 ug/l
RT: 2.453 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX034786.D
Acq: 28 Mar 2023 12:00

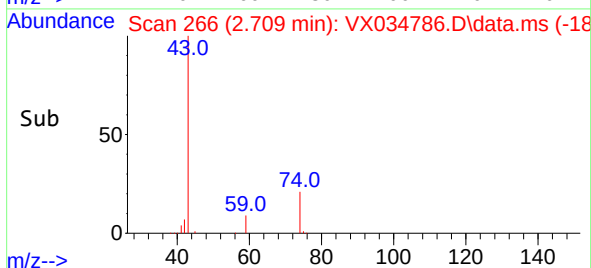
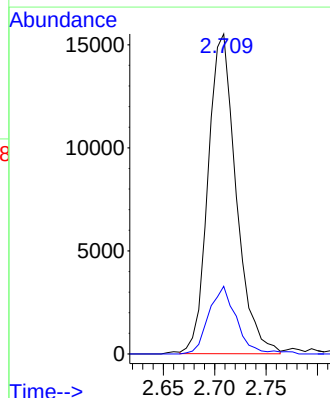
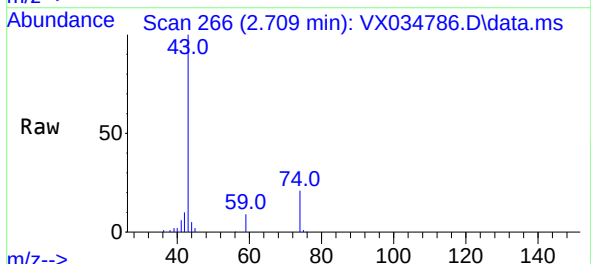
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT1-2023

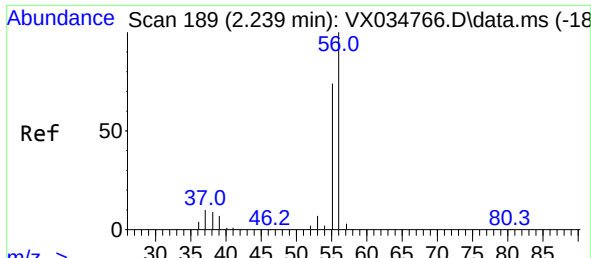
Tgt Ion:142 Resp: 13652
Ion Ratio Lower Upper
142 100
127 48.1 24.5 73.5
141 18.8 7.6 22.8



#12
Methyl Acetate
Concen: 5.314 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX034786.D
Acq: 28 Mar 2023 12:00

Tgt Ion: 43 Resp: 29484
Ion Ratio Lower Upper
43 100
74 21.0 18.0 27.0





#13

Acrolein

Concen: 28.062 ug/l

RT: 2.239 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX034786.D

Acq: 28 Mar 2023 12:00

Instrument :

MSVOA_X

ClientSampleId :

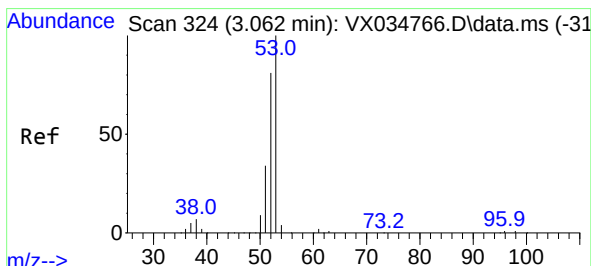
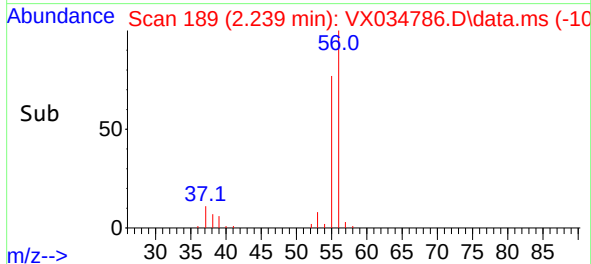
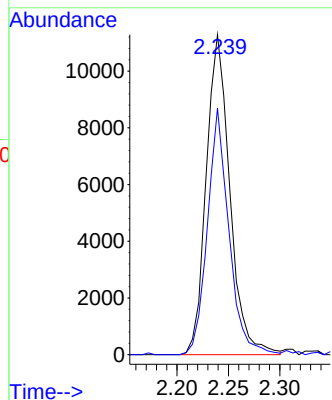
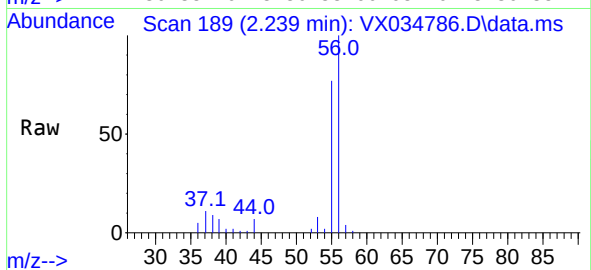
LOQ-WATER-02-QT1-2023

Tgt Ion: 56 Resp: 18055

Ion Ratio Lower Upper

56 100

55 70.0 56.6 85.0



#14

Acrylonitrile

Concen: 26.204 ug/l

RT: 3.068 min Scan# 325

Delta R.T. 0.006 min

Lab File: VX034786.D

Acq: 28 Mar 2023 12:00

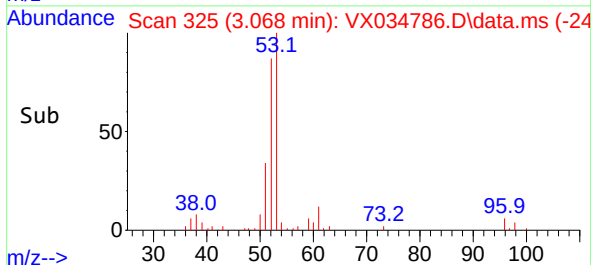
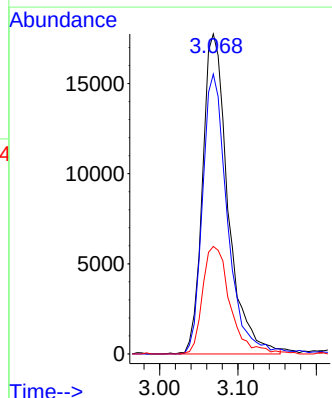
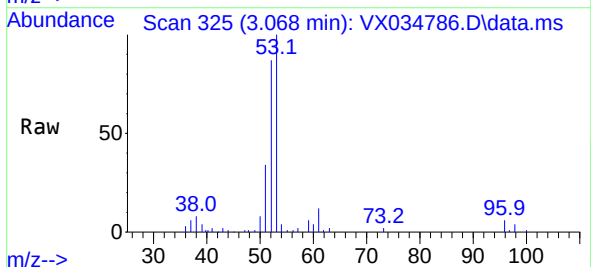
Tgt Ion: 53 Resp: 40034

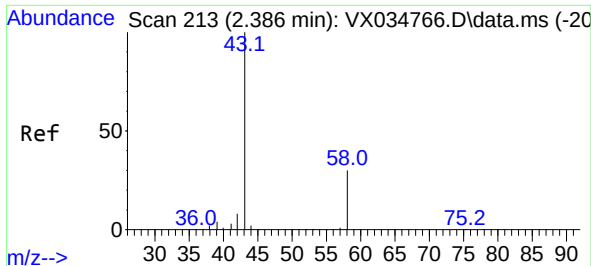
Ion Ratio Lower Upper

53 100

52 84.8 41.3 123.7

51 34.8 17.9 53.7





#15

Acetone

Concen: 27.128 ug/l

RT: 2.392 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX034786.D

Acq: 28 Mar 2023 12:00

Instrument :

MSVOA_X

ClientSampleId :

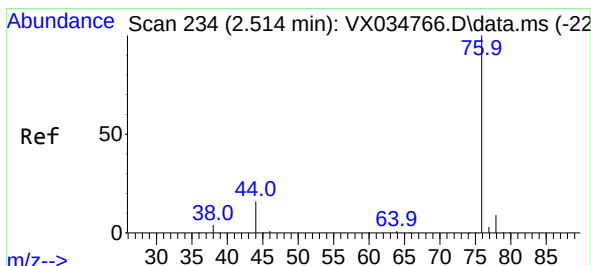
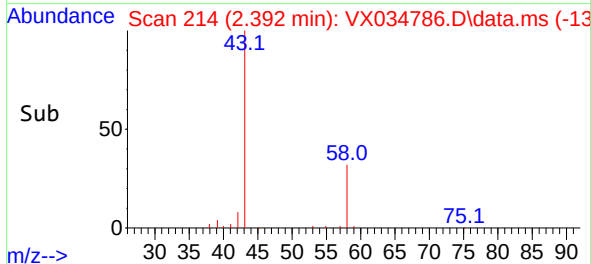
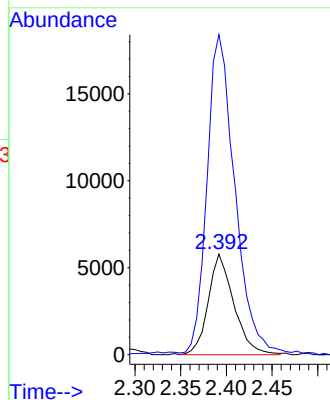
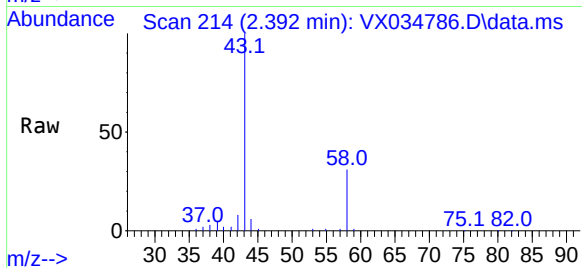
LOQ-WATER-02-QT1-2023

Tgt Ion: 58 Resp: 11252

Ion Ratio Lower Upper

58 100

43 317.0 270.8 406.2



#16

Carbon Disulfide

Concen: 4.700 ug/l

RT: 2.514 min Scan# 234

Delta R.T. 0.000 min

Lab File: VX034786.D

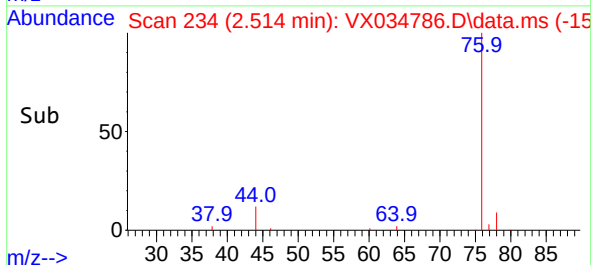
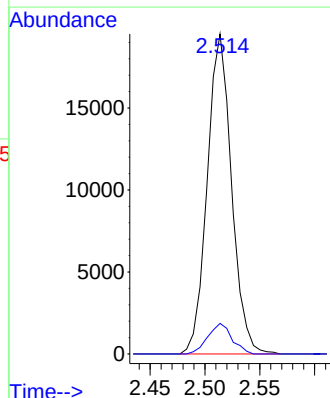
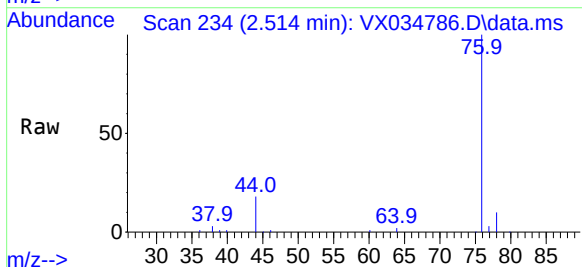
Acq: 28 Mar 2023 12:00

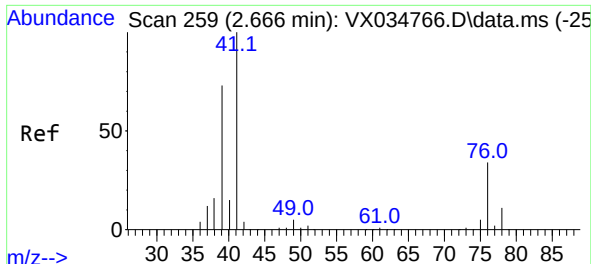
Tgt Ion: 76 Resp: 30122

Ion Ratio Lower Upper

76 100

78 9.6 7.0 10.6





#17

Allyl chloride

Concen: 5.165 ug/l

RT: 2.666 min Scan# 259

Delta R.T. 0.000 min

Lab File: VX034786.D

Acq: 28 Mar 2023 12:00

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2023

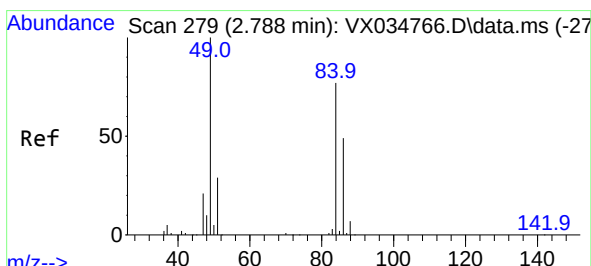
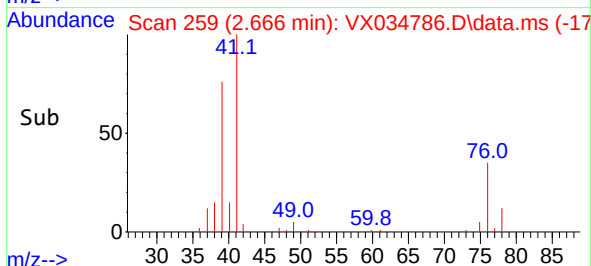
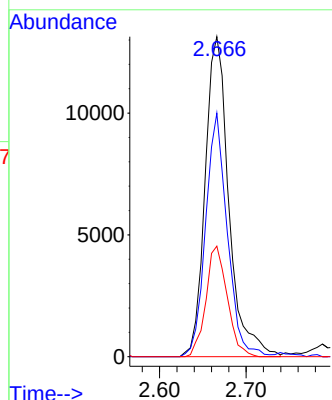
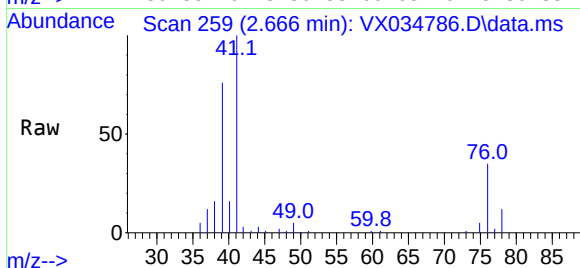
Tgt Ion: 41 Resp: 25042

Ion Ratio Lower Upper

41 100

39 76.1 36.4 109.3

76 34.6 17.0 51.0



#18

Methylene Chloride

Concen: 5.422 ug/l

RT: 2.788 min Scan# 279

Delta R.T. 0.000 min

Lab File: VX034786.D

Acq: 28 Mar 2023 12:00

Tgt Ion: 84 Resp: 16001

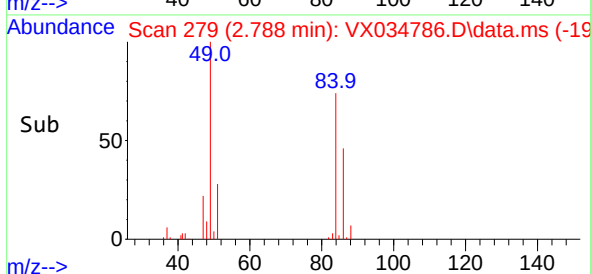
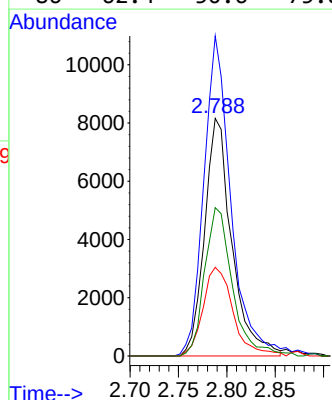
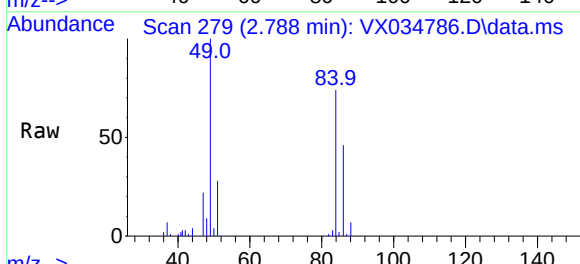
Ion Ratio Lower Upper

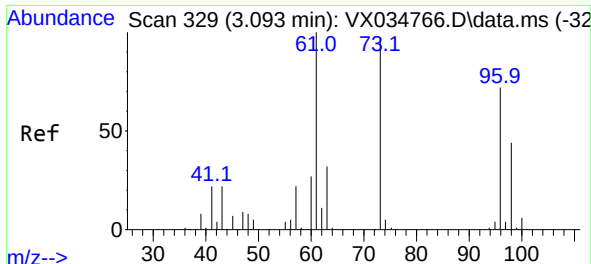
84 100

49 133.9 103.9 155.9

51 37.3 30.6 45.8

86 62.4 50.6 75.8

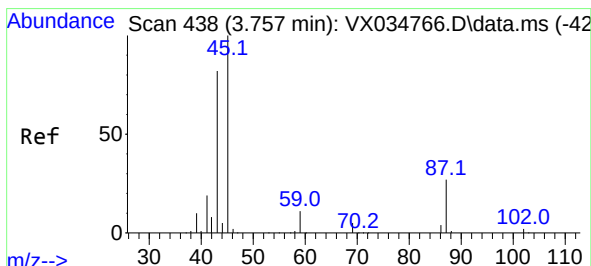
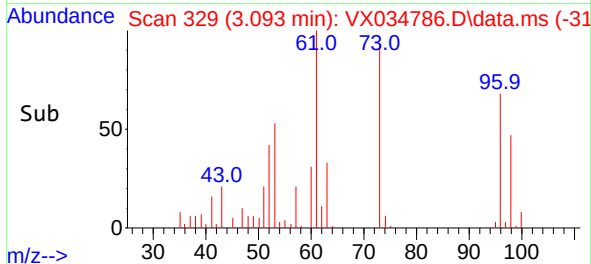
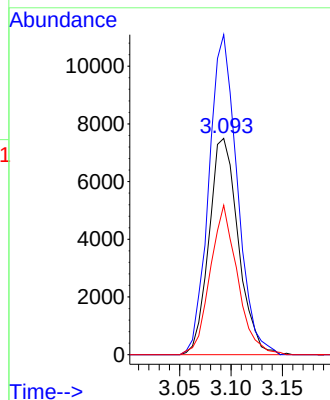
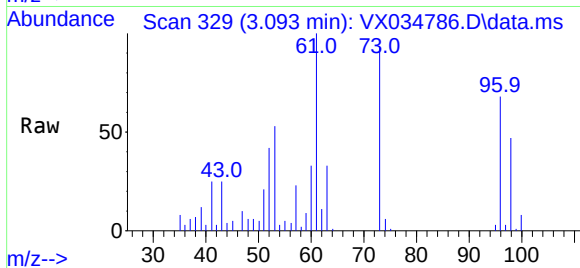




#19
trans-1,2-Dichloroethene
Concen: 5.409 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX034786.D
Acq: 28 Mar 2023 12:00

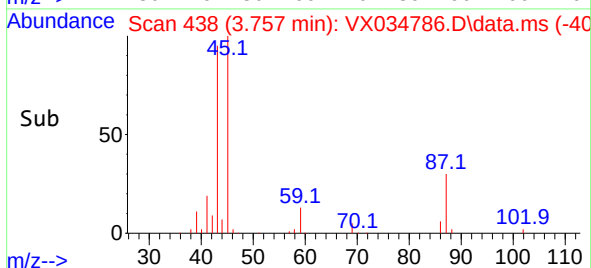
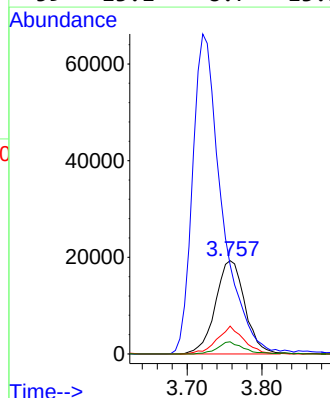
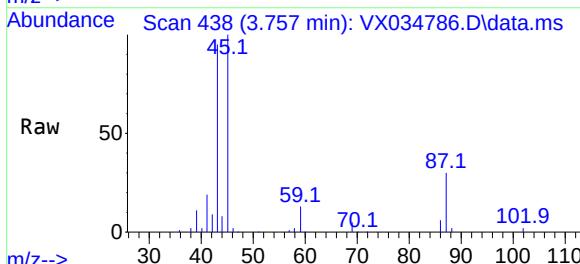
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT1-2023

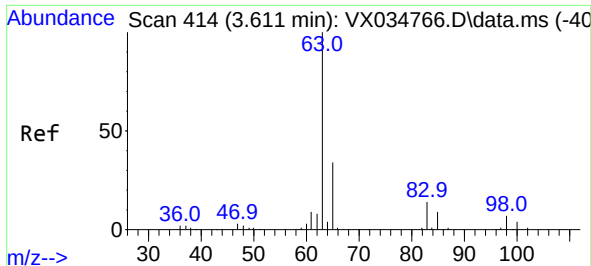
Tgt Ion: 96 Resp: 14829
Ion Ratio Lower Upper
96 100
61 147.9 111.1 166.7
98 69.1 48.6 72.8



#20
Diisopropyl ether
Concen: 5.314 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX034786.D
Acq: 28 Mar 2023 12:00

Tgt Ion: 45 Resp: 52778
Ion Ratio Lower Upper
45 100
43 92.3 66.0 99.0
87 29.8 21.8 32.6
59 13.1 8.7 13.1#

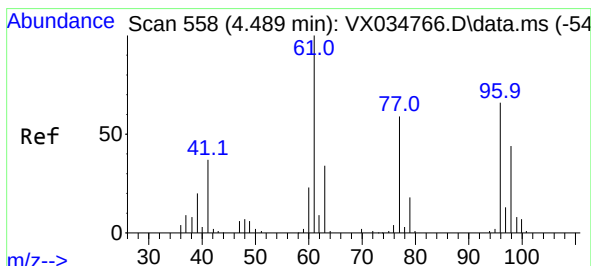
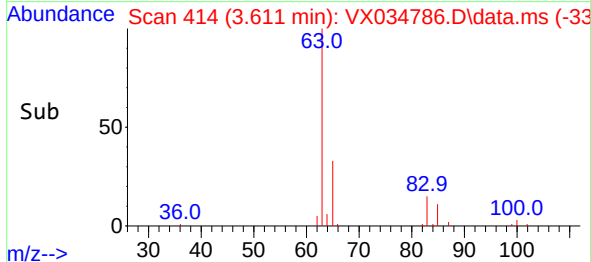
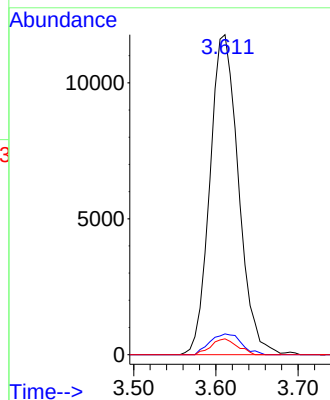
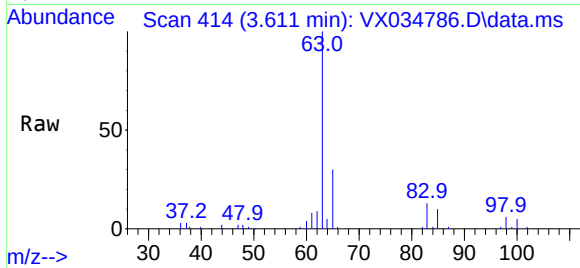




#21
1,1-Dichloroethane
Concen: 5.358 ug/l
RT: 3.611 min Scan# 414
Delta R.T. 0.000 min
Lab File: VX034786.D
Acq: 28 Mar 2023 12:00

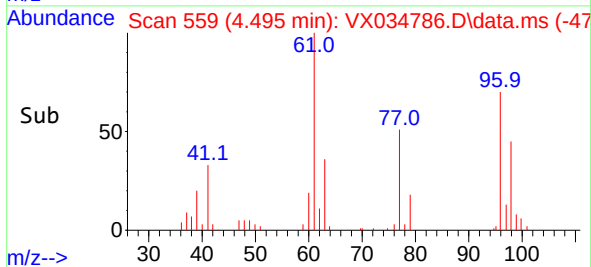
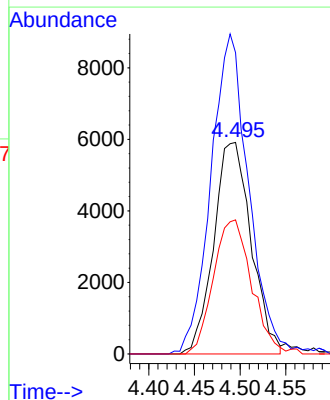
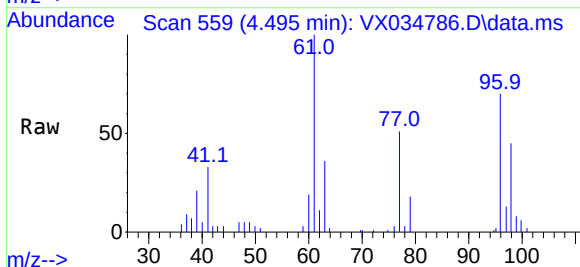
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2023

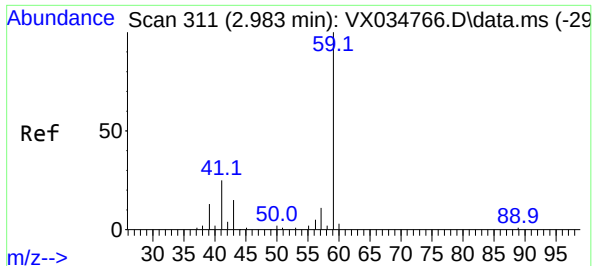
Tgt Ion:	63	Resp:	28457
Ion	Ratio	Lower	Upper
63	100		
98	6.5	3.5	10.6
100	5.0	2.2	6.6



#22
cis-1,2-Dichloroethene
Concen: 5.278 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.006 min
Lab File: VX034786.D
Acq: 28 Mar 2023 12:00

Tgt Ion:	96	Resp:	16852
Ion	Ratio	Lower	Upper
96	100		
61	151.6	121.7	182.5
98	64.4	52.2	78.2

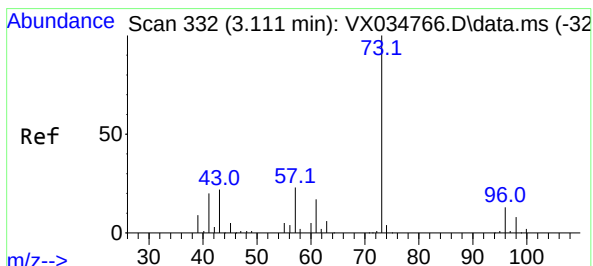
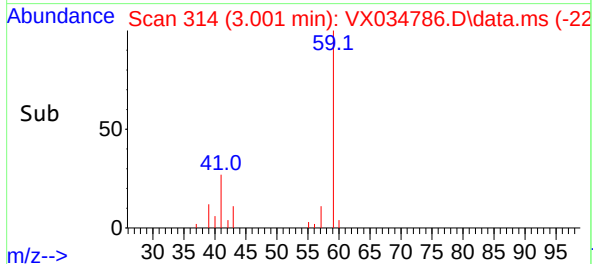
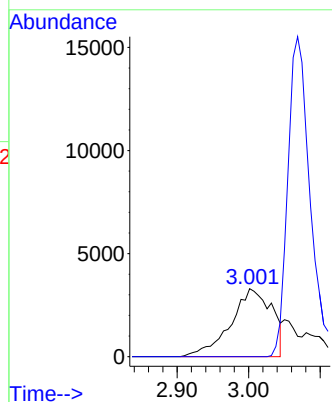
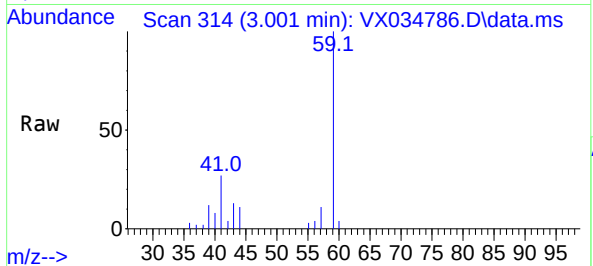




#23
tert-Butyl Alcohol
Concen: 19.233 ug/l
RT: 3.001 min Scan# 311
Delta R.T. 0.018 min
Lab File: VX034786.D
Acq: 28 Mar 2023 12:00

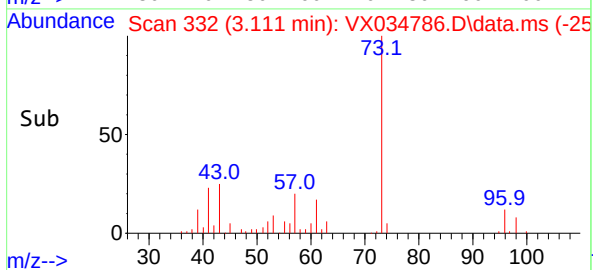
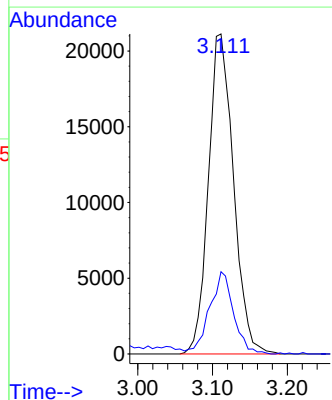
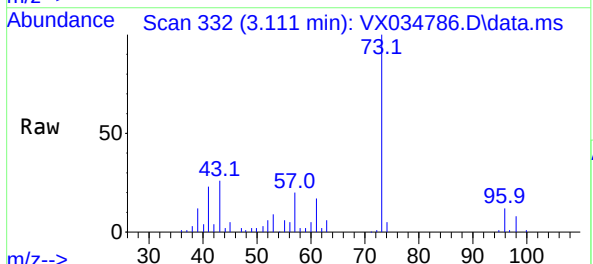
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2023

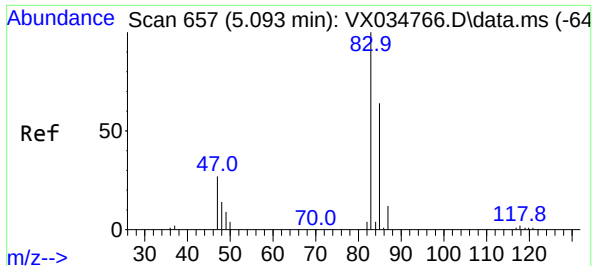
Tgt Ion: 59 Resp: 13221
Ion Ratio Lower Upper
59 100
52 0.0 0.2 0.4#



#24
Methyl tert-Butyl Ether
Concen: 5.304 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX034786.D
Acq: 28 Mar 2023 12:00

Tgt Ion: 73 Resp: 49377
Ion Ratio Lower Upper
73 100
43 24.6 17.9 26.9

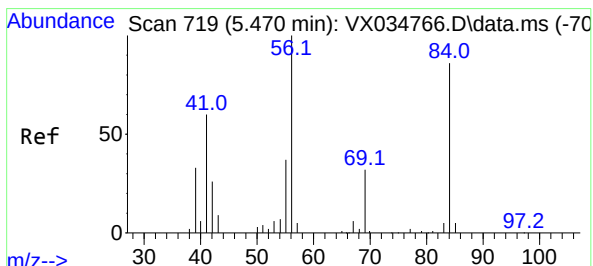
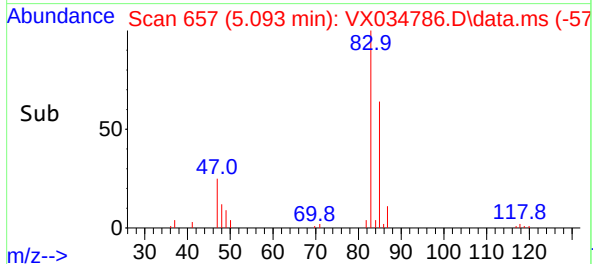
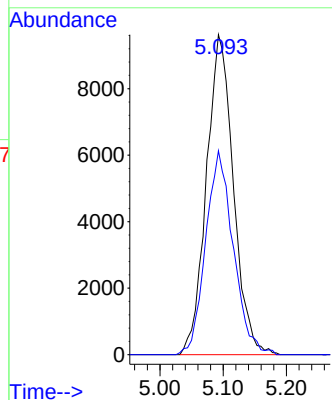
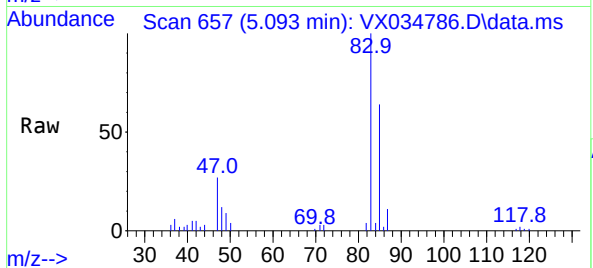




#25
Chloroform
Concen: 5.281 ug/l
RT: 5.093 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX034786.D
Acq: 28 Mar 2023 12:00

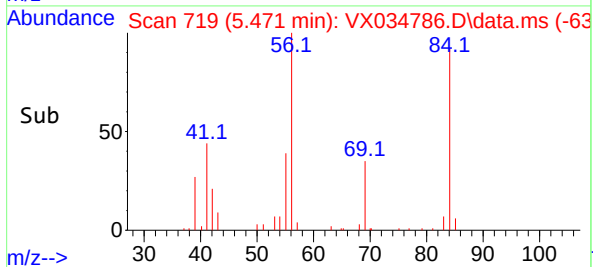
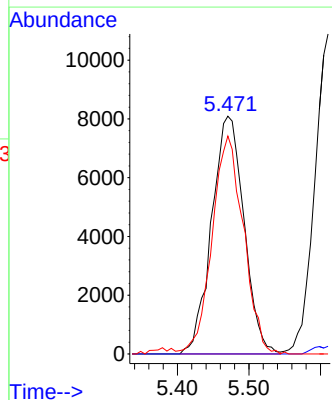
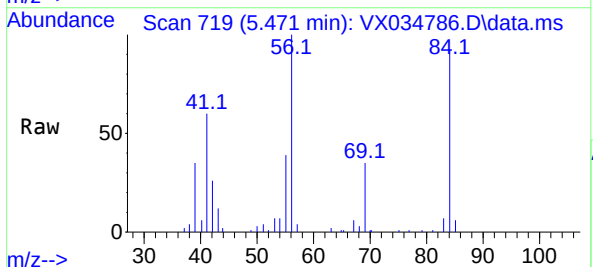
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT1-2023

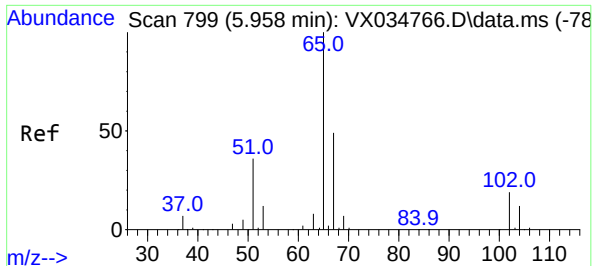
Tgt Ion: 83 Resp: 28526
Ion Ratio Lower Upper
83 100
85 63.7 51.2 76.8



#26
Cyclohexane
Concen: 5.467 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX034786.D
Acq: 28 Mar 2023 12:00

Tgt Ion: 56 Resp: 25446
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 88.9 67.4 101.2

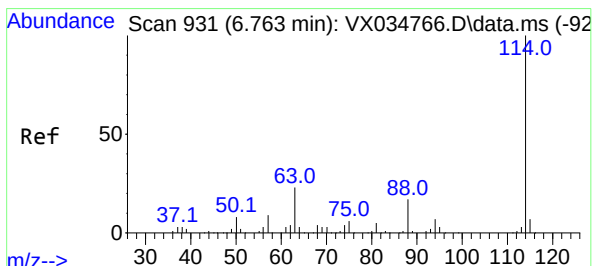
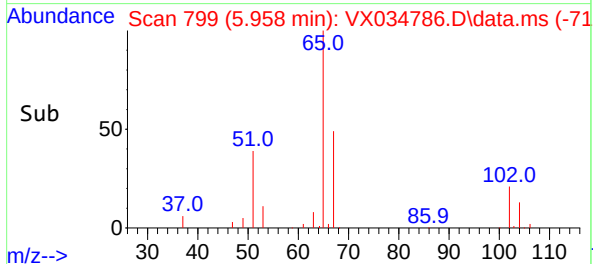
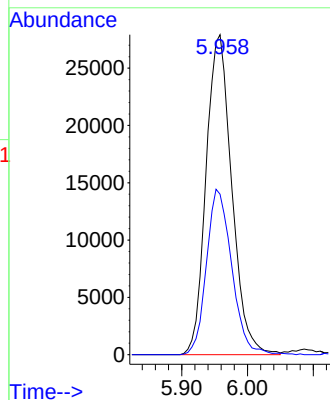
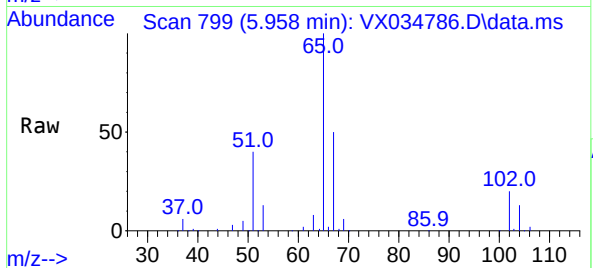




#27
1,2-Dichloroethane-d4
Concen: 31.305 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX034786.D
Acq: 28 Mar 2023 12:00

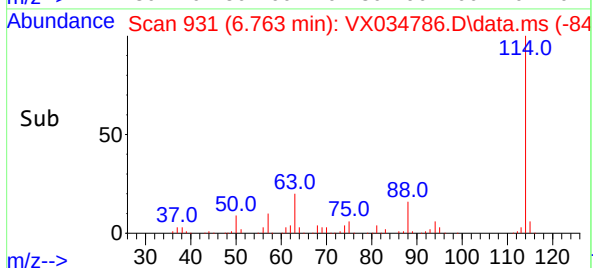
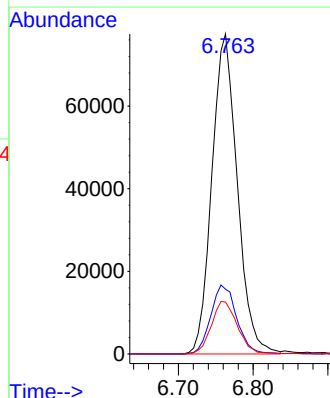
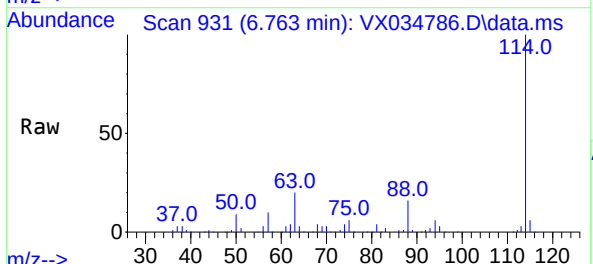
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT1-2023

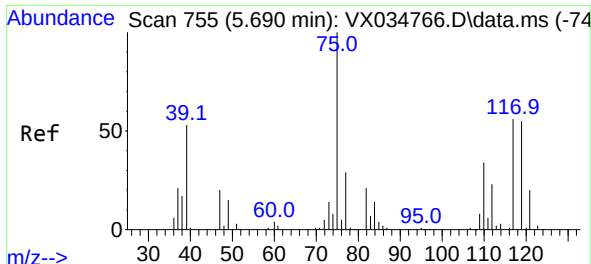
Tgt Ion: 65 Resp: 75922
Ion Ratio Lower Upper
65 100
67 50.6 40.9 61.3



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX034786.D
Acq: 28 Mar 2023 12:00

Tgt Ion: 114 Resp: 183124
Ion Ratio Lower Upper
114 100
63 22.0 18.0 27.0
88 16.8 13.3 19.9





#29

1,1-Dichloropropene

Concen: 4.860 ug/l

RT: 5.690 min Scan# 75

Delta R.T. 0.000 min

Lab File: VX034786.D

Acq: 28 Mar 2023 12:00

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2023

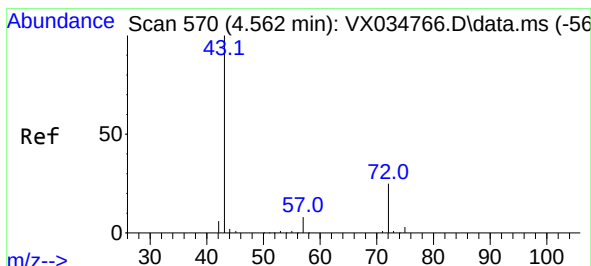
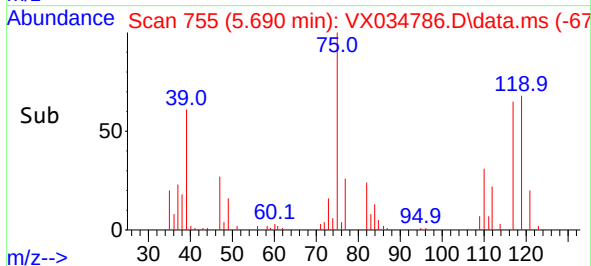
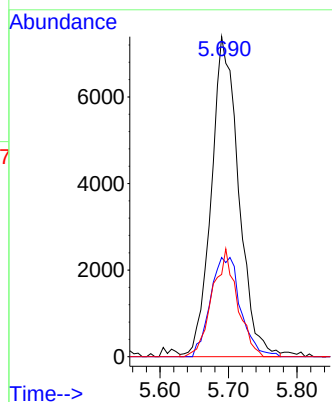
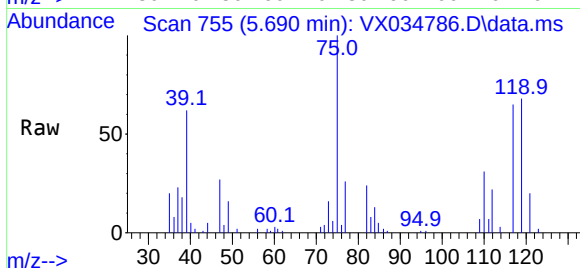
Tgt Ion: 75 Resp: 20469

Ion Ratio Lower Upper

75 100

110 19.2 0.0 71.4

77 30.8 0.0 61.6



#30

2-Butanone

Concen: 25.078 ug/l

RT: 4.568 min Scan# 571

Delta R.T. 0.006 min

Lab File: VX034786.D

Acq: 28 Mar 2023 12:00

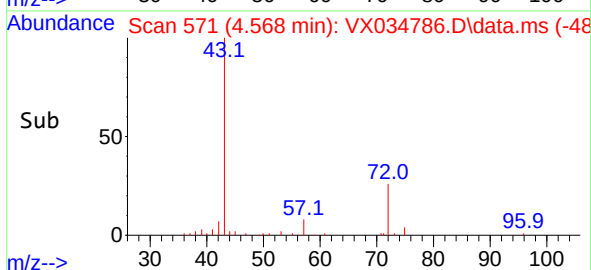
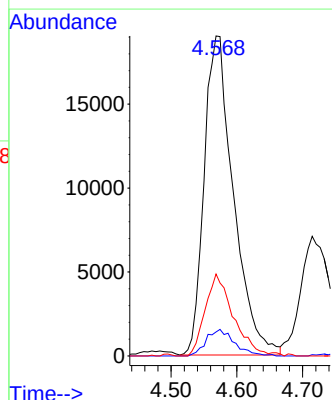
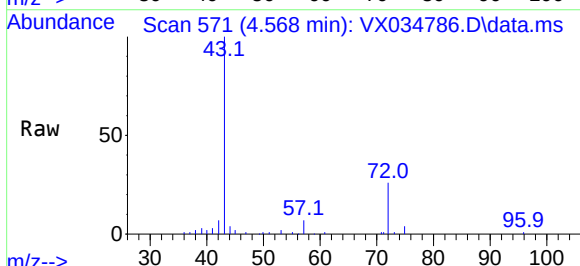
Tgt Ion: 43 Resp: 58906

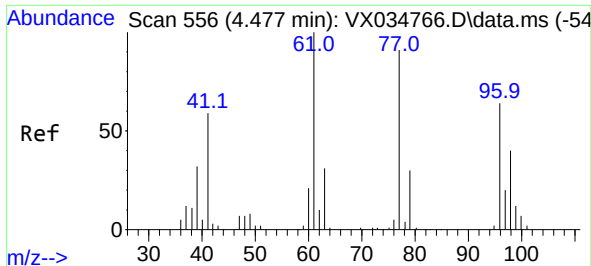
Ion Ratio Lower Upper

43 100

57 7.2 6.3 9.5

72 24.4 19.6 29.4





#31

2,2-Dichloropropane

Concen: 4.949 ug/l

RT: 4.477 min Scan# 511

Delta R.T. 0.000 min

Lab File: VX034786.D

Acq: 28 Mar 2023 12:00

Instrument :

MSVOA_X

ClientSampleId :

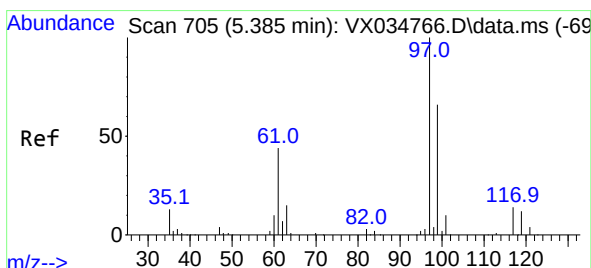
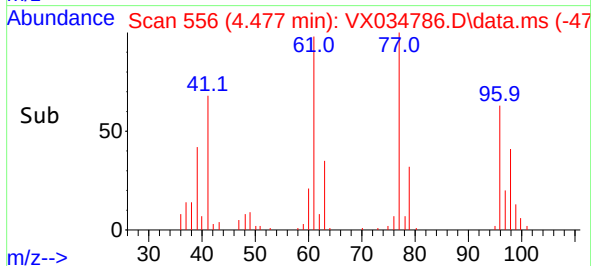
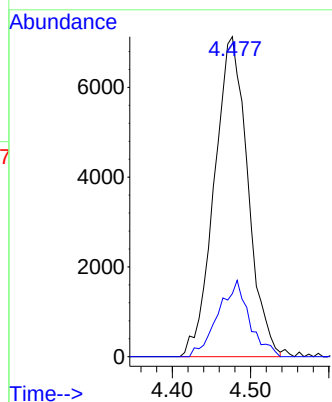
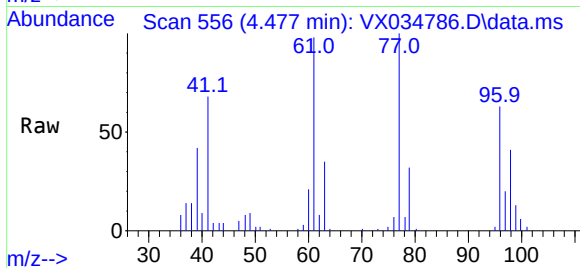
LOQ-WATER-02-QT1-2023

Tgt Ion: 77 Resp: 21139

Ion Ratio Lower Upper

77 100

97 21.2 18.2 27.4



#32

1,1,1-Trichloroethane

Concen: 4.590 ug/l

RT: 5.379 min Scan# 704

Delta R.T. -0.006 min

Lab File: VX034786.D

Acq: 28 Mar 2023 12:00

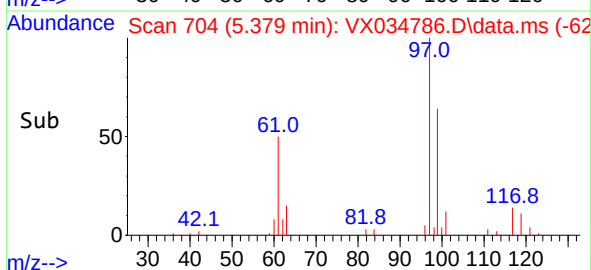
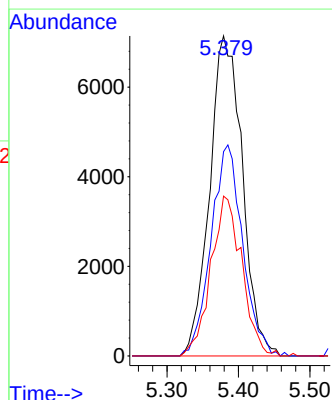
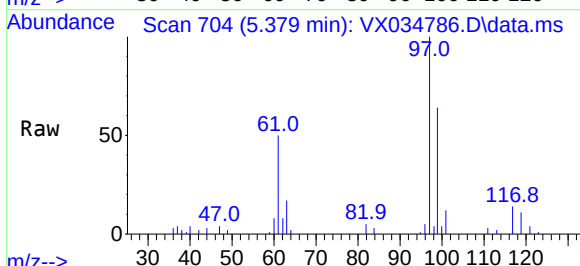
Tgt Ion: 97 Resp: 22677

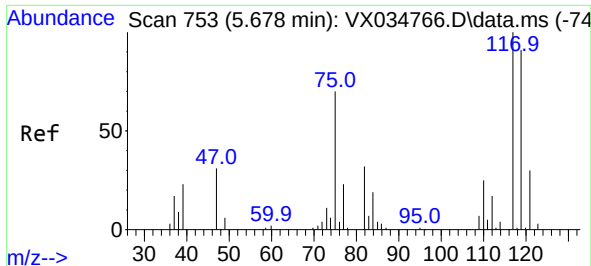
Ion Ratio Lower Upper

97 100

99 63.9 51.3 76.9

61 47.1 36.6 55.0

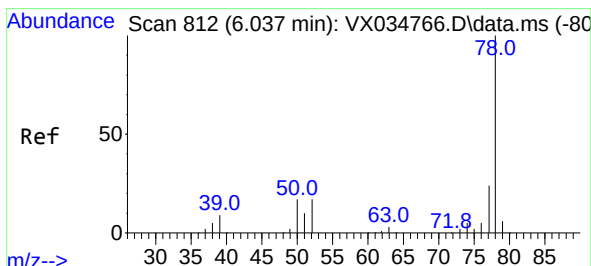
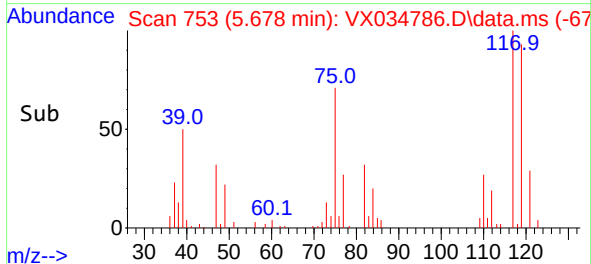
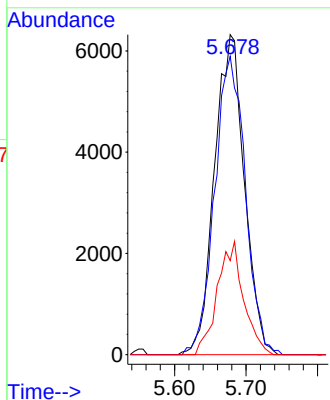
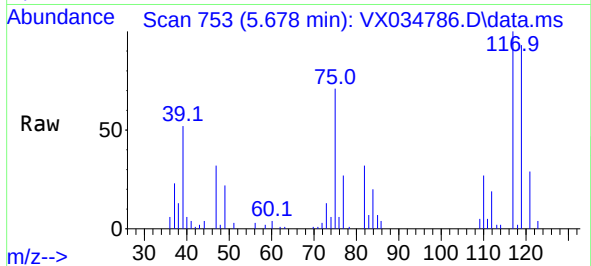




#33
Carbon Tetrachloride
Concen: 4.512 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.000 min
Lab File: VX034786.D
Acq: 28 Mar 2023 12:00

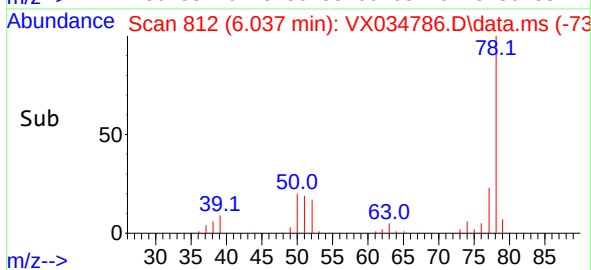
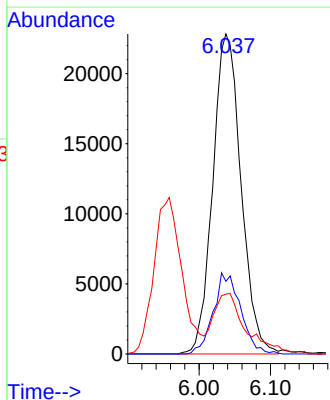
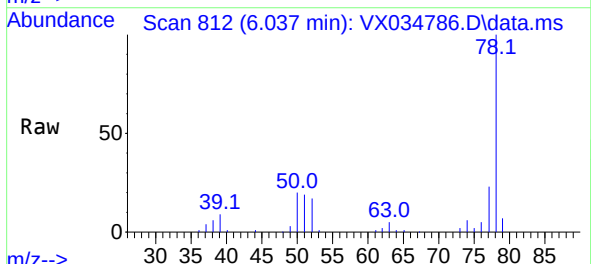
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2023

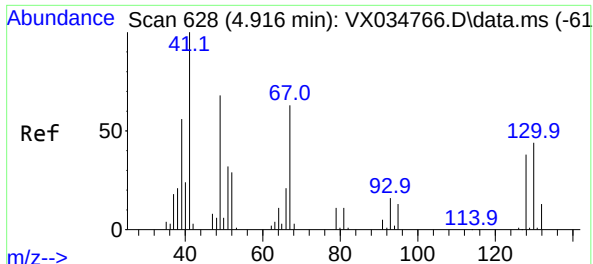
Tgt Ion:117 Resp: 18399
Ion Ratio Lower Upper
117 100
119 93.2 73.3 109.9
121 29.4 24.0 36.0



#34
Benzene
Concen: 5.119 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX034786.D
Acq: 28 Mar 2023 12:00

Tgt Ion: 78 Resp: 62658
Ion Ratio Lower Upper
78 100
77 22.7 19.0 28.4
51 16.2 14.6 21.8



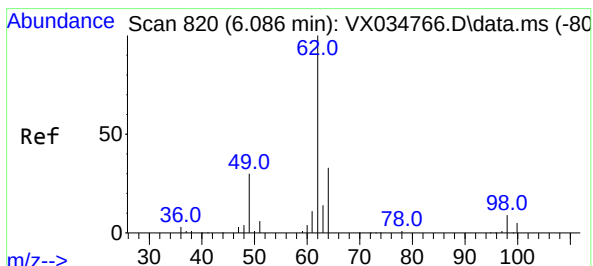
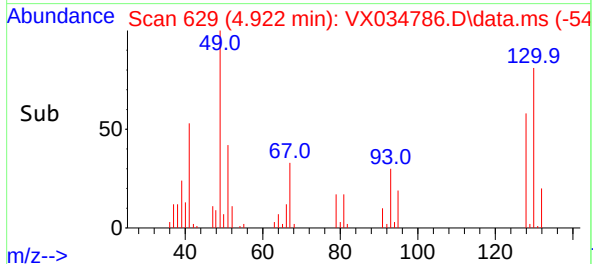
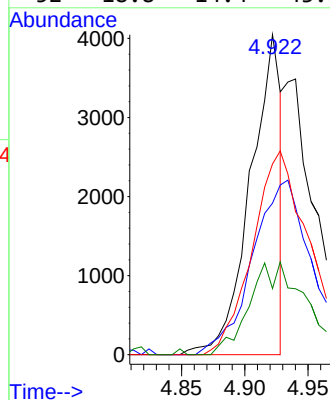
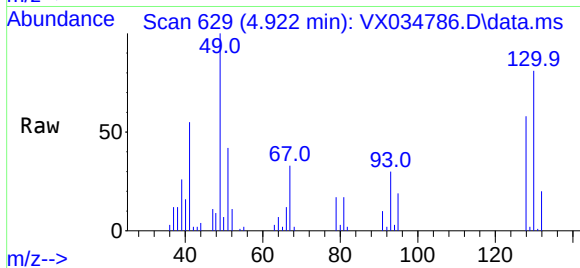


#35
Methacrylonitrile
Concen: 2.650 ug/l
RT: 4.922 min Scan# 612
Delta R.T. 0.006 min
Lab File: VX034786.D
Acq: 28 Mar 2023 12:00

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2023

Tgt Ion: 41 Resp: 6812

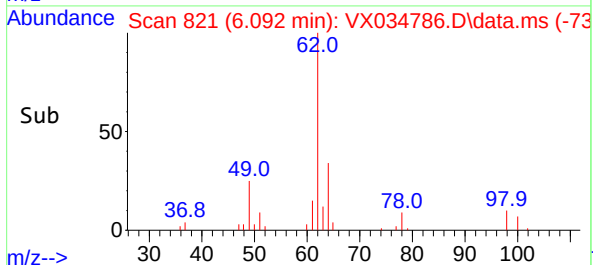
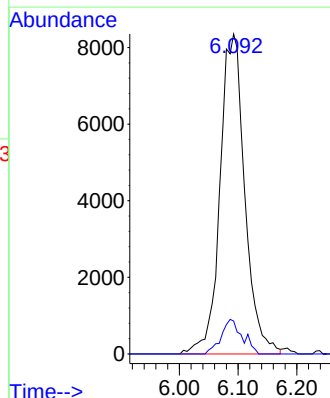
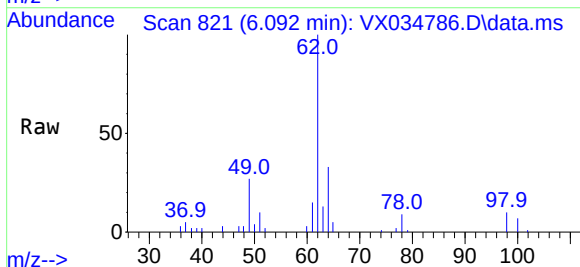
Ion	Ratio	Lower	Upper
41	100		
39	47.3	28.0	84.0
67	59.6	31.6	94.7
52	18.8	14.4	43.0

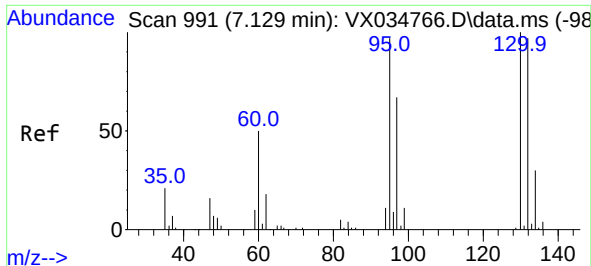


#36
1,2-Dichloroethane
Concen: 5.099 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.006 min
Lab File: VX034786.D
Acq: 28 Mar 2023 12:00

Tgt Ion: 62 Resp: 24471

Ion	Ratio	Lower	Upper
62	100		
98	7.9	7.0	10.6





#37

Trichloroethene

Concen: 4.976 ug/l

RT: 7.129 min Scan# 991

Delta R.T. 0.000 min

Lab File: VX034786.D

Acq: 28 Mar 2023 12:00

Instrument :

MSVOA_X

ClientSampleId :

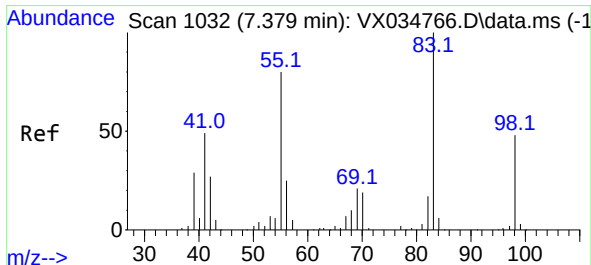
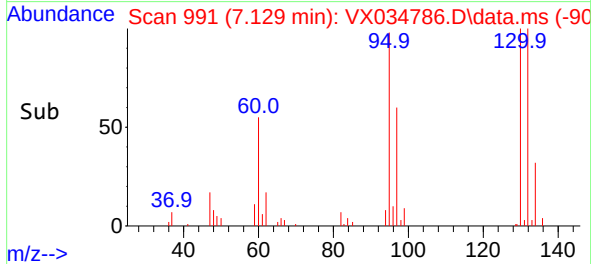
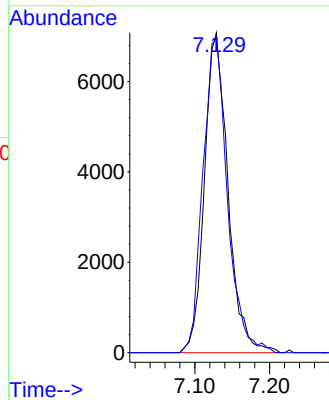
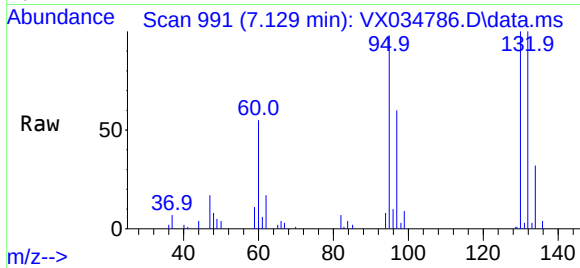
LOQ-WATER-02-QT1-2023

Tgt Ion:130 Resp: 15501

Ion Ratio Lower Upper

130 100

95 98.0 77.8 116.6



#38

Methylcyclohexane

Concen: 5.189 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VX034786.D

Acq: 28 Mar 2023 12:00

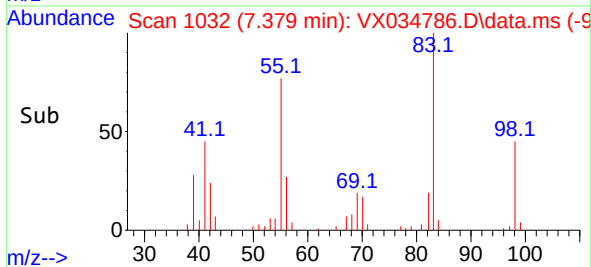
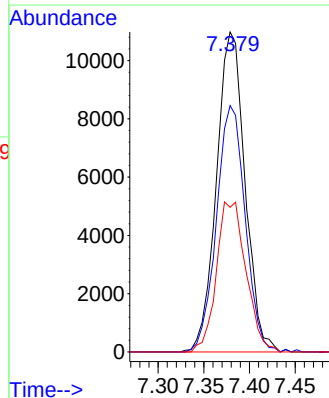
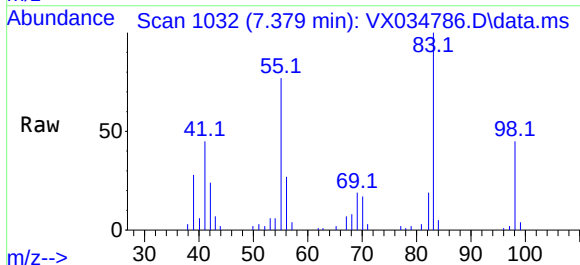
Tgt Ion: 83 Resp: 23877

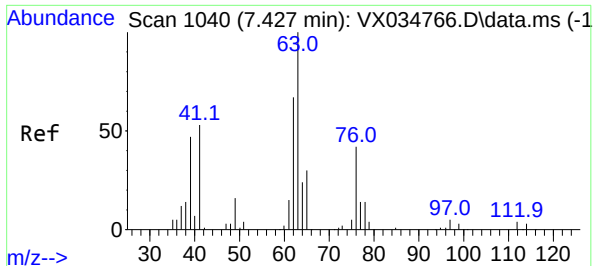
Ion Ratio Lower Upper

83 100

55 77.3 38.8 116.4

98 48.6 23.8 71.2





#39

1,2-Dichloropropane

Concen: 5.165 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX034786.D

Acq: 28 Mar 2023 12:00

Instrument :

MSVOA_X

ClientSampleId :

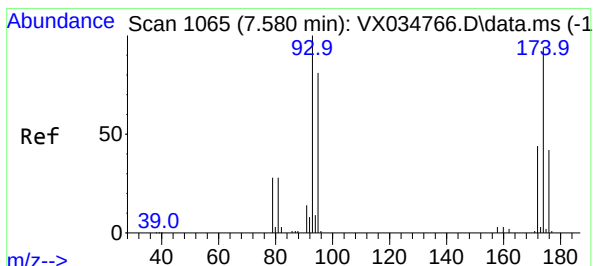
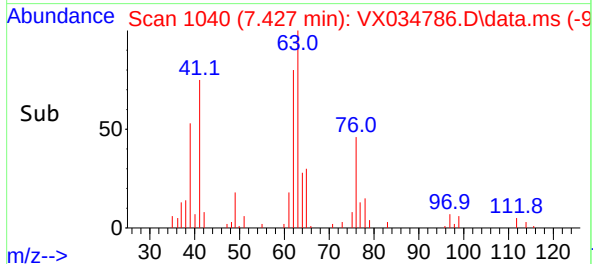
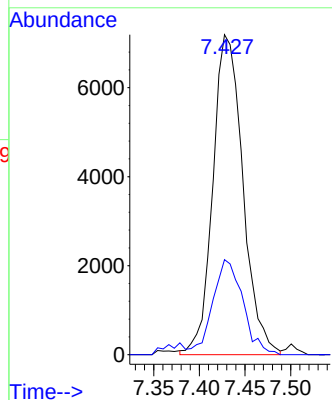
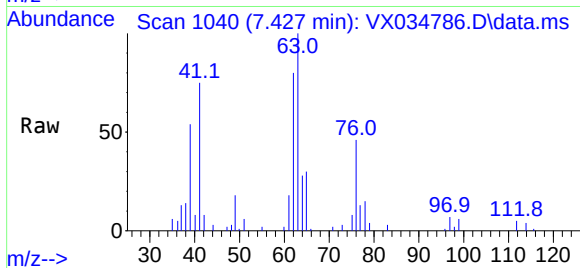
LOQ-WATER-02-QT1-2023

Tgt Ion: 63 Resp: 16434

Ion Ratio Lower Upper

63 100

65 30.1 24.0 36.0



#40

Dibromomethane

Concen: 4.906 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX034786.D

Acq: 28 Mar 2023 12:00

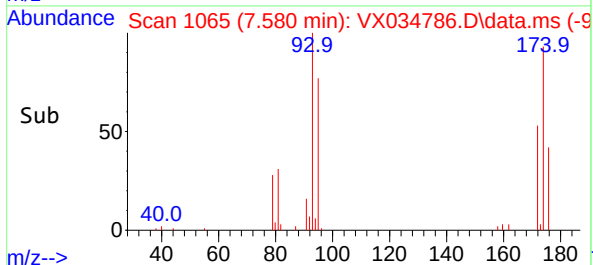
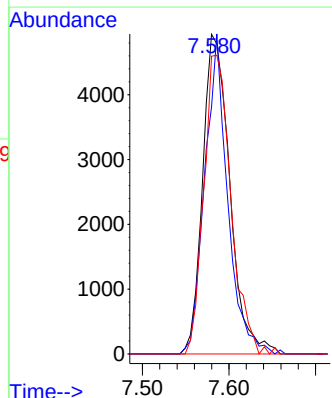
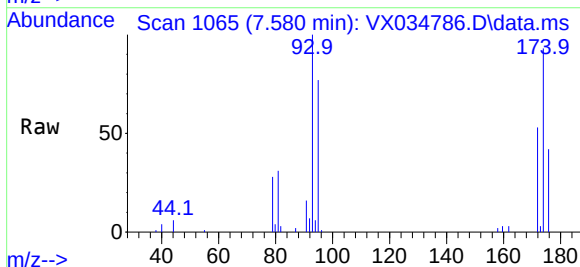
Tgt Ion: 93 Resp: 10723

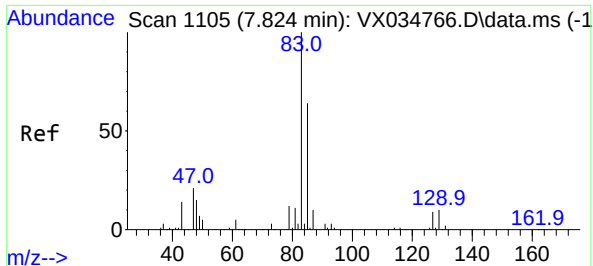
Ion Ratio Lower Upper

93 100

95 84.2 0.0 165.8

174 92.9 0.0 188.8

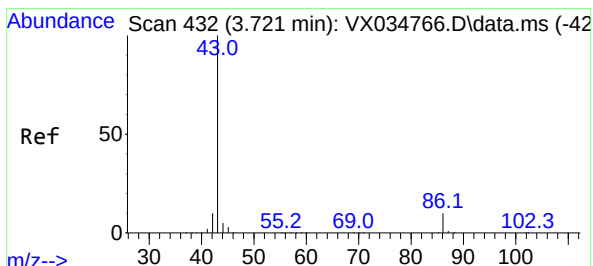
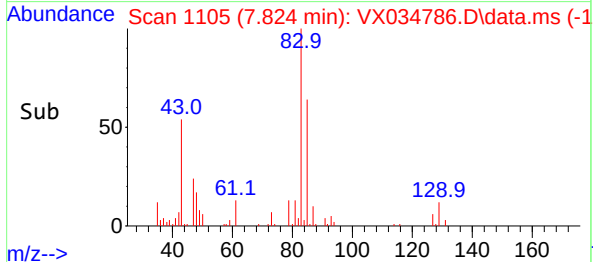
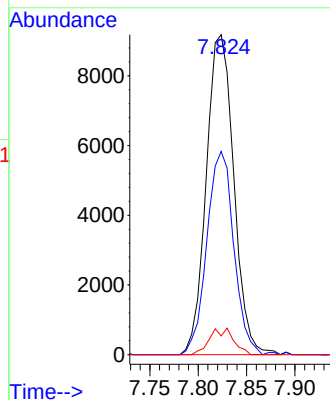
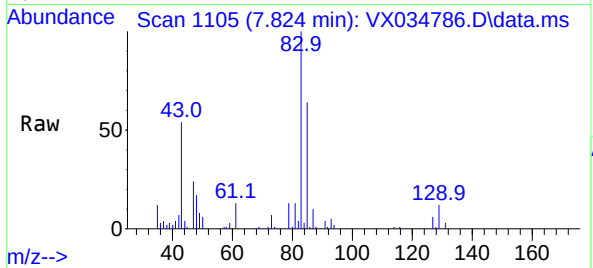




#41
Bromodichloromethane
Concen: 4.425 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX034786.D
Acq: 28 Mar 2023 12:00

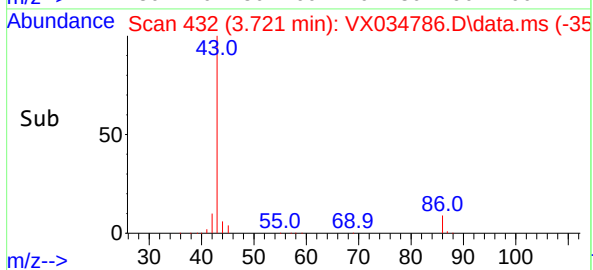
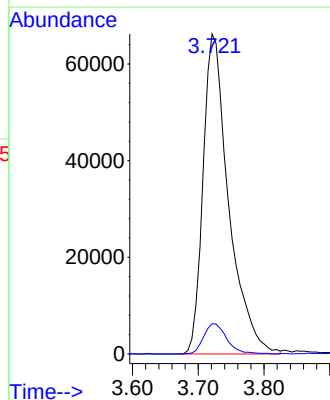
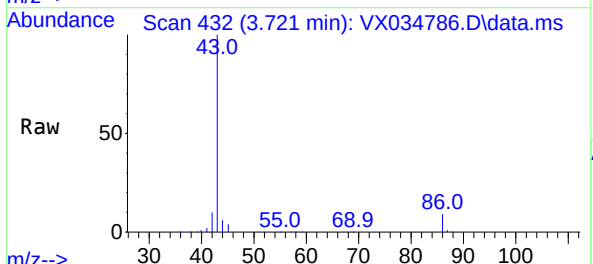
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT1-2023

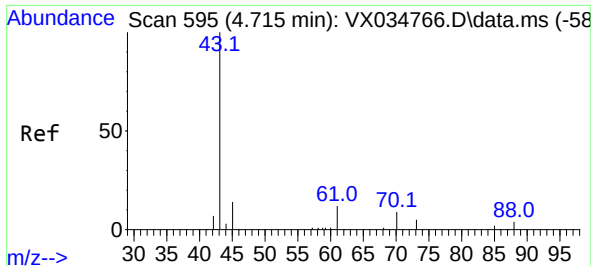
Tgt Ion:	83	Resp:	18216
Ion	Ratio	Lower	Upper
83	100		
85	63.5	51.1	76.7
127	5.9	8.2	12.4#



#42
Vinyl Acetate
Concen: 23.428 ug/l
RT: 3.721 min Scan# 432
Delta R.T. 0.000 min
Lab File: VX034786.D
Acq: 28 Mar 2023 12:00

Tgt Ion:	43	Resp:	179526
Ion	Ratio	Lower	Upper
43	100		
86	8.5	6.9	10.3

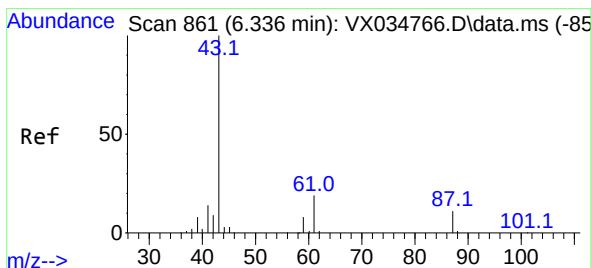
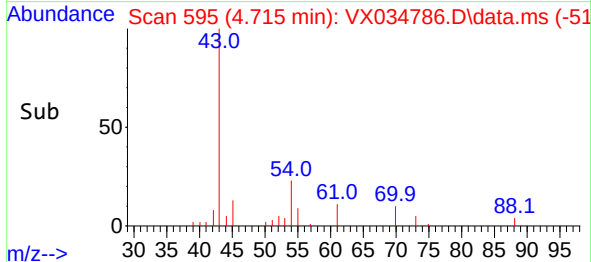
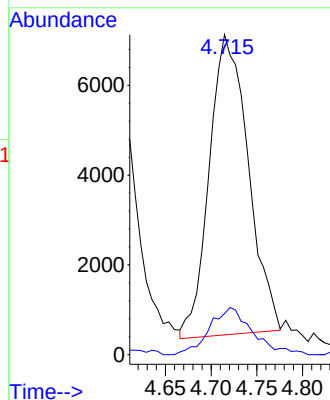
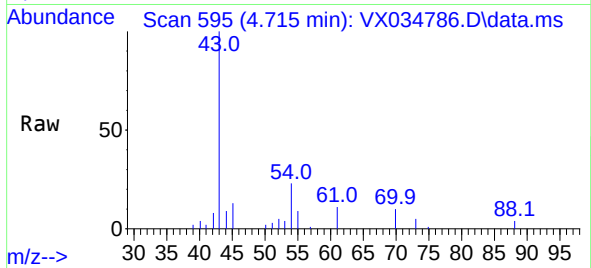




#43
Ethyl Acetate
Concen: 4.349 ug/l
RT: 4.715 min Scan# 595
Delta R.T. 0.000 min
Lab File: VX034786.D
Acq: 28 Mar 2023 12:00

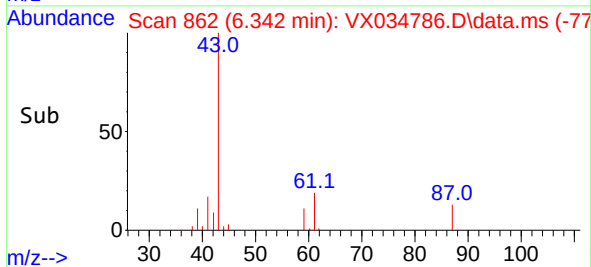
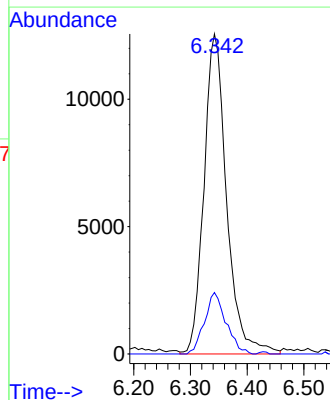
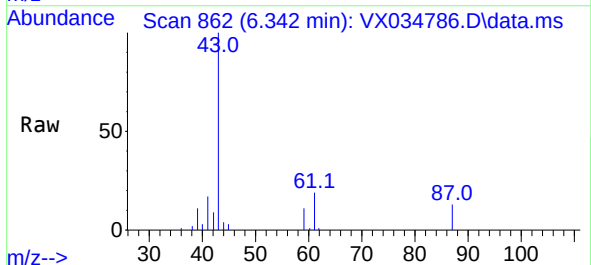
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT1-2023

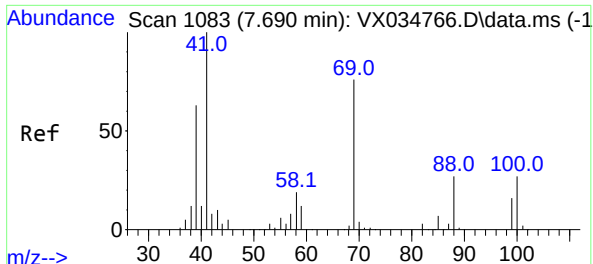
Tgt Ion: 43 Resp: 19812
Ion Ratio Lower Upper
43 100
45 16.5 12.0 18.0



#44
Isopropyl Acetate
Concen: 4.518 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.006 min
Lab File: VX034786.D
Acq: 28 Mar 2023 12:00

Tgt Ion: 43 Resp: 34841
Ion Ratio Lower Upper
43 100
61 18.0 15.4 23.0





#45

1,4-Dioxane

Concen: 71.071 ug/l

RT: 7.708 min Scan# 1086

Delta R.T. 0.018 min

Lab File: VX034786.D

Acq: 28 Mar 2023 12:00

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2023

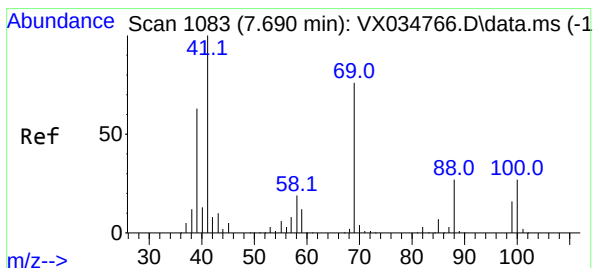
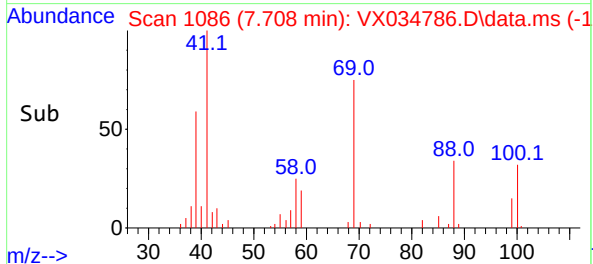
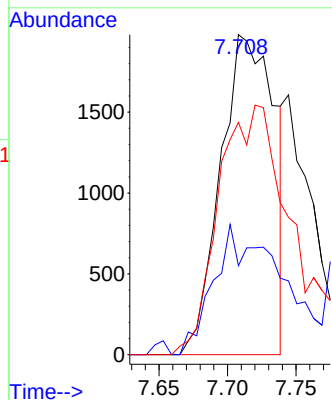
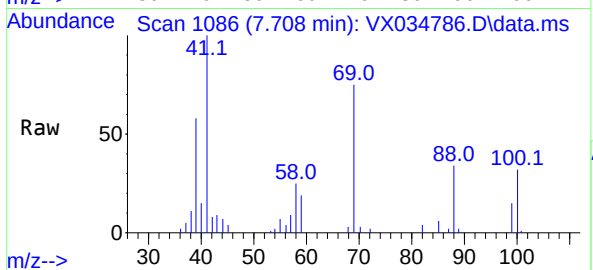
Tgt Ion: 88 Resp: 5430

Ion Ratio Lower Upper

88 100

43 19.8 26.5 39.7#

58 45.5 55.6 83.4#



#46

Methyl methacrylate

Concen: 4.558 ug/l

RT: 7.696 min Scan# 1084

Delta R.T. 0.006 min

Lab File: VX034786.D

Acq: 28 Mar 2023 12:00

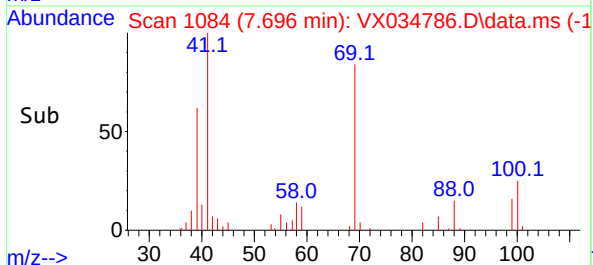
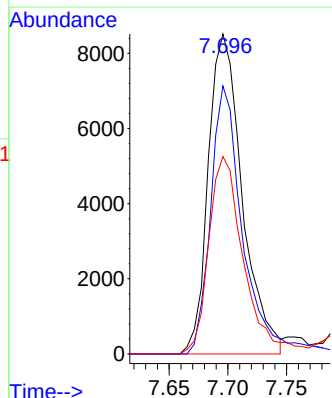
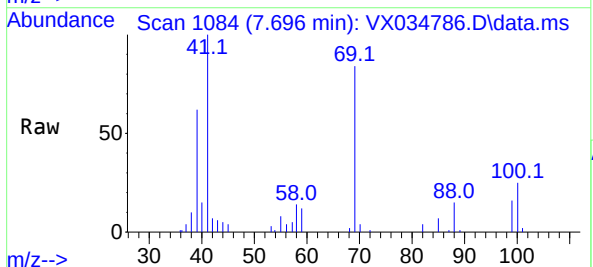
Tgt Ion: 41 Resp: 17128

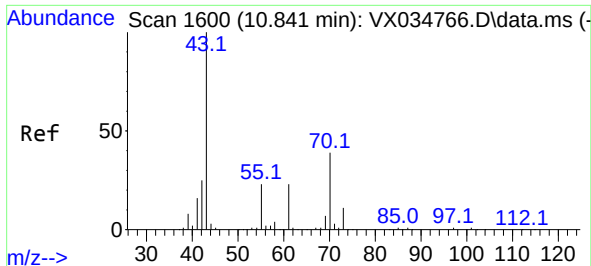
Ion Ratio Lower Upper

41 100

69 83.8 38.1 114.5

39 61.7 31.4 94.3

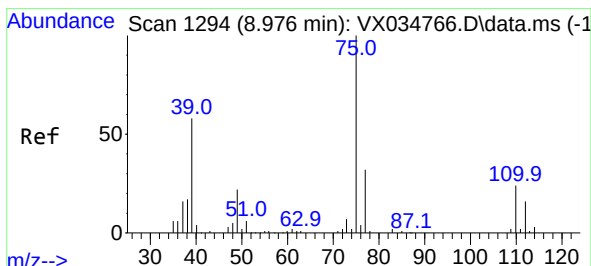
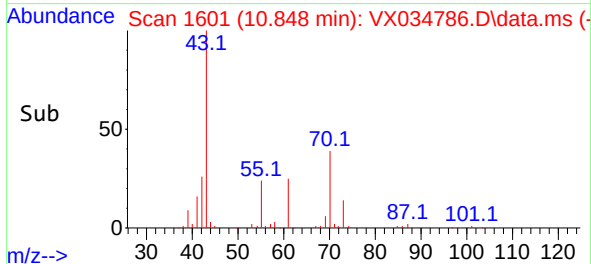
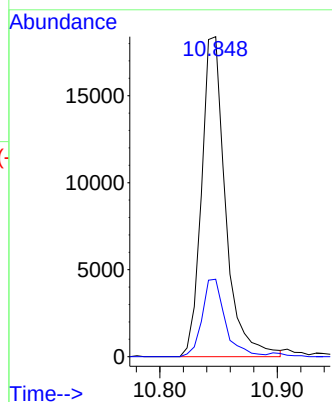
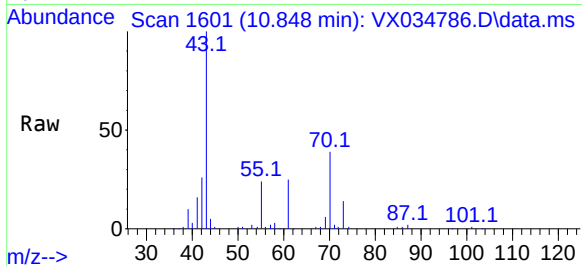




#47
n-amyl acetate
Concen: 3.891 ug/l
RT: 10.848 min Scan# 1601
Delta R.T. 0.006 min
Lab File: VX034786.D
Acq: 28 Mar 2023 12:00

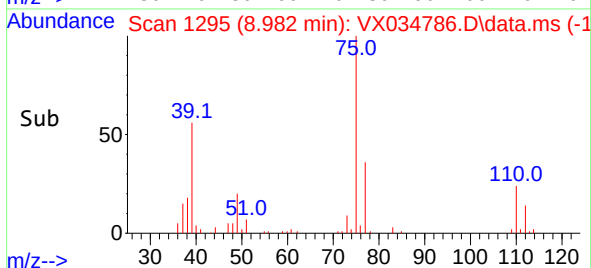
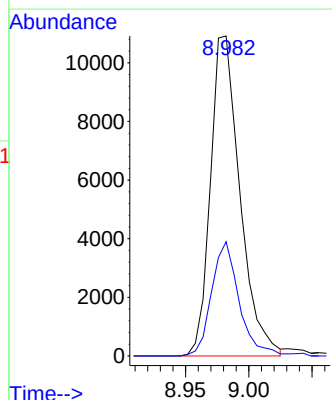
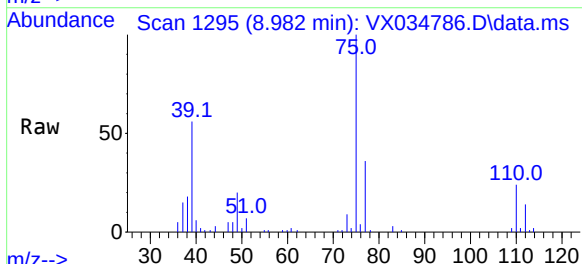
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT1-2023

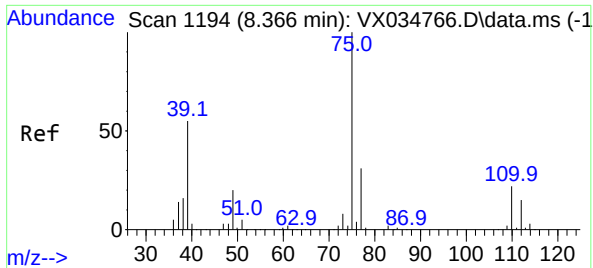
Tgt Ion: 43 Resp: 26085
Ion Ratio Lower Upper
43 100
55 23.4 18.6 28.0



#48
t-1,3-Dichloropropene
Concen: 3.946 ug/l
RT: 8.982 min Scan# 1295
Delta R.T. 0.006 min
Lab File: VX034786.D
Acq: 28 Mar 2023 12:00

Tgt Ion: 75 Resp: 17697
Ion Ratio Lower Upper
75 100
77 35.7 25.5 38.3



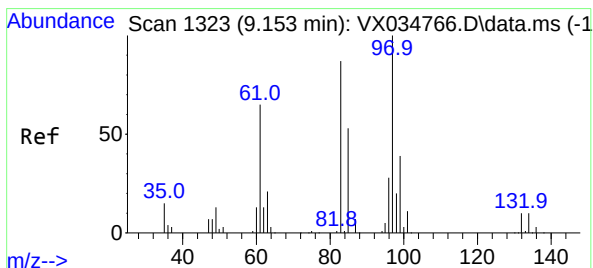
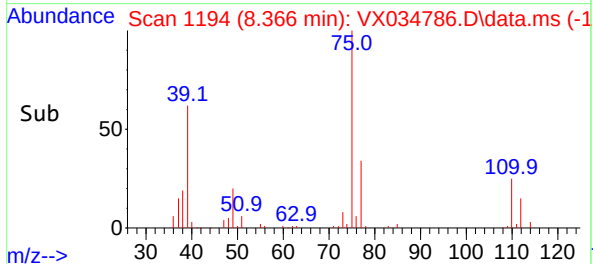
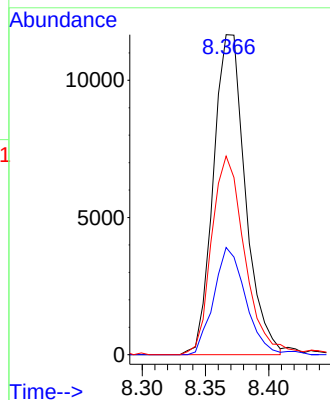
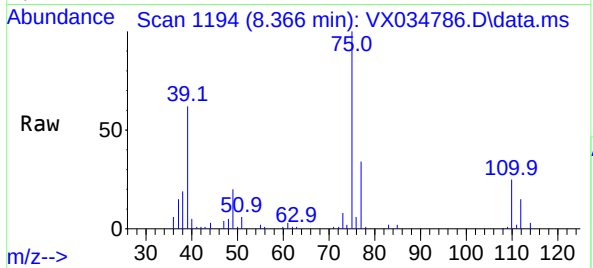


#49
cis-1,3-Dichloropropene
Concen: 4.157 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX034786.D
Acq: 28 Mar 2023 12:00

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2023

Tgt Ion: 75 Resp: 20485

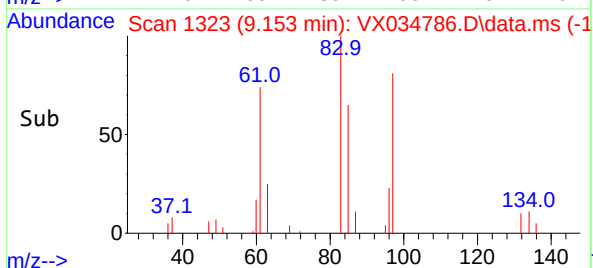
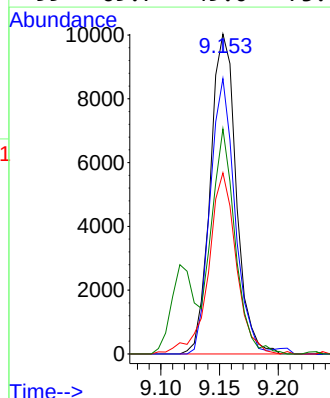
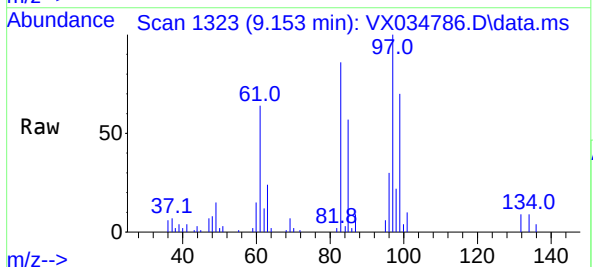
Ion	Ratio	Lower	Upper
75	100		
77	33.5	24.6	37.0
39	62.1	44.2	66.2

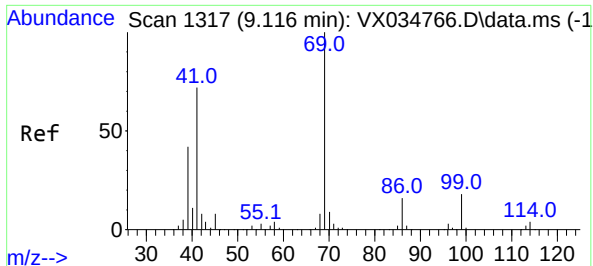


#50
1,1,2-Trichloroethane
Concen: 5.056 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX034786.D
Acq: 28 Mar 2023 12:00

Tgt Ion: 97 Resp: 15395

Ion	Ratio	Lower	Upper
97	100		
83	86.1	68.9	103.3
85	56.6	44.0	66.0
99	69.7	49.0	73.4

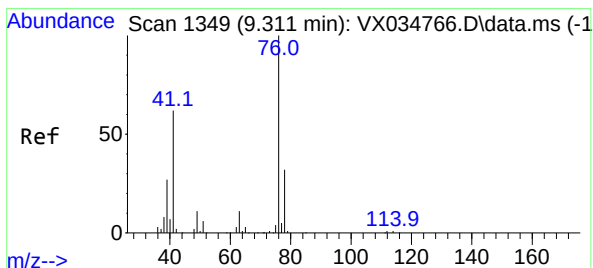
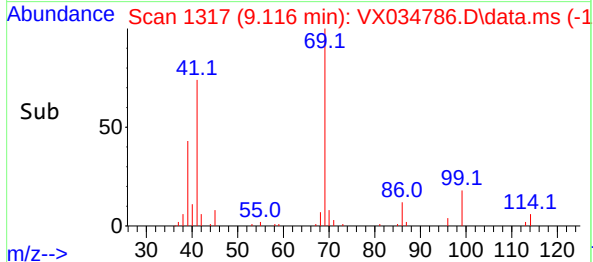
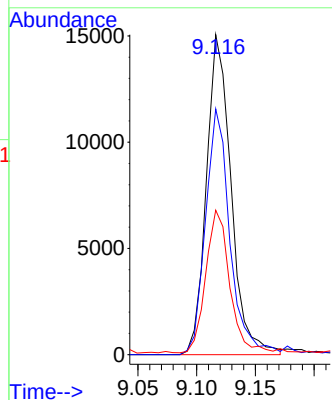
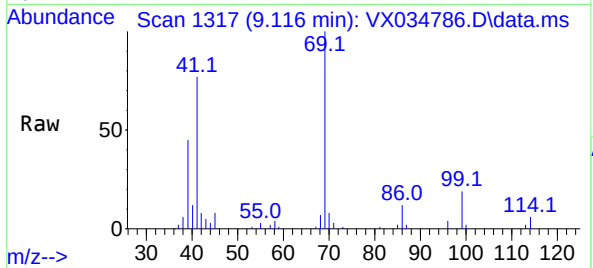




#51
Ethyl methacrylate
Concen: 4.459 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX034786.D
Acq: 28 Mar 2023 12:00

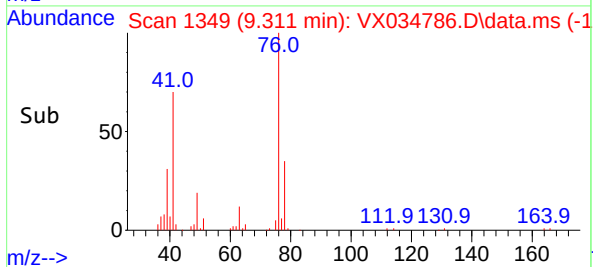
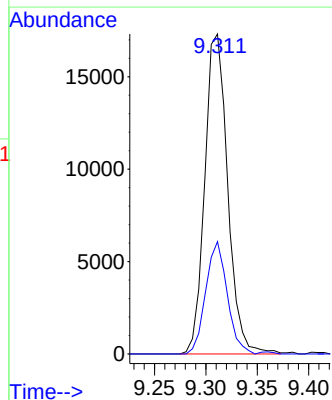
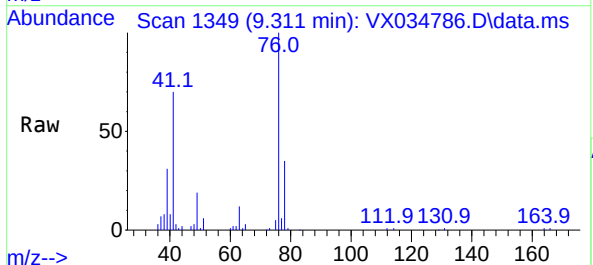
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT1-2023

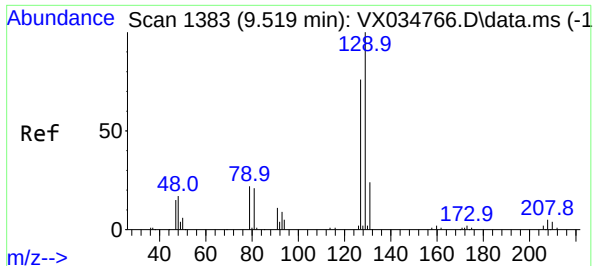
Tgt Ion: 69 Resp: 22033
Ion Ratio Lower Upper
69 100
41 76.8 36.2 108.6
39 44.6 21.2 63.6



#52
1,3-Dichloropropane
Concen: 5.005 ug/l
RT: 9.311 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VX034786.D
Acq: 28 Mar 2023 12:00

Tgt Ion: 76 Resp: 26918
Ion Ratio Lower Upper
76 100
78 32.8 0.0 63.8

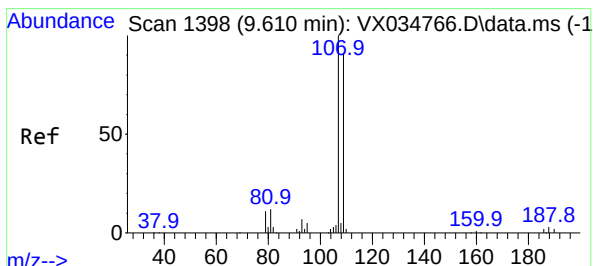
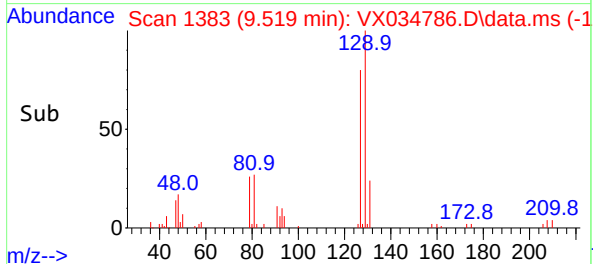
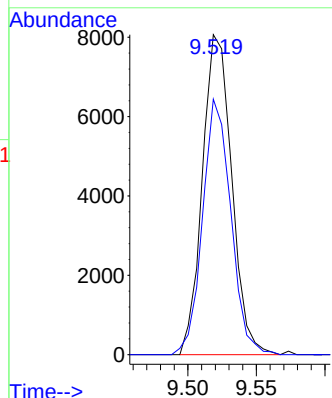
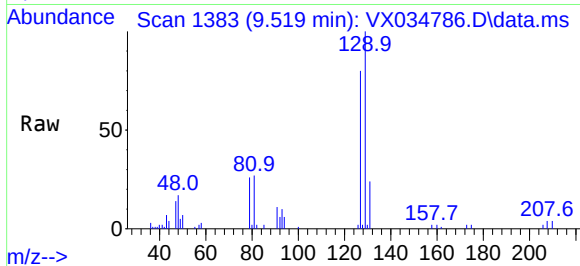




#53
Dibromochloromethane
Concen: 4.000 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX034786.D
Acq: 28 Mar 2023 12:00

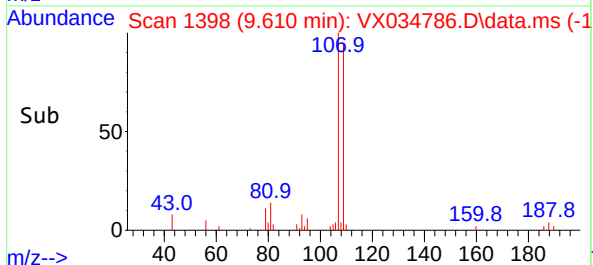
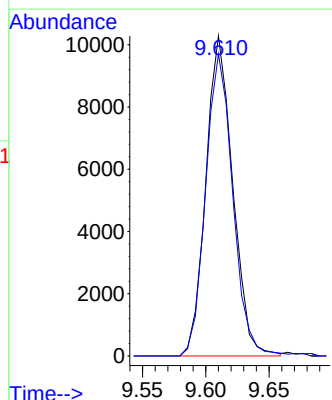
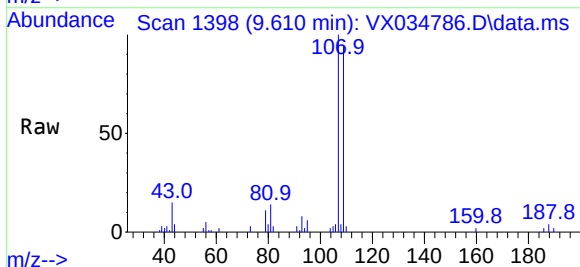
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT1-2023

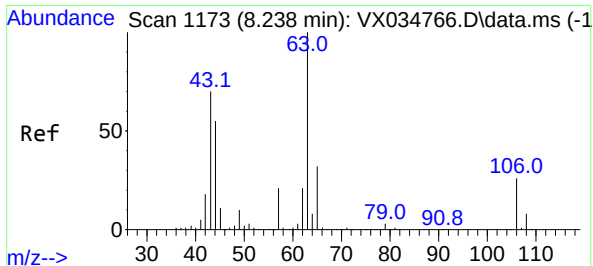
Tgt Ion:129 Resp: 12047
Ion Ratio Lower Upper
129 100
127 76.8 39.1 117.5



#54
1,2-Dibromoethane
Concen: 4.666 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX034786.D
Acq: 28 Mar 2023 12:00

Tgt Ion:107 Resp: 15198
Ion Ratio Lower Upper
107 100
109 95.2 75.4 113.2

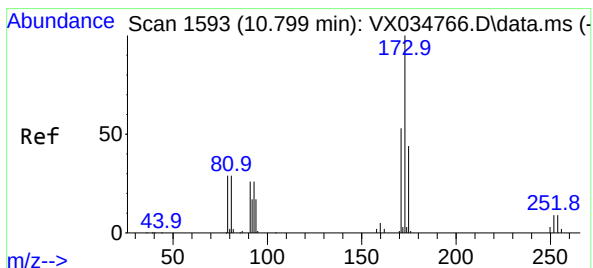
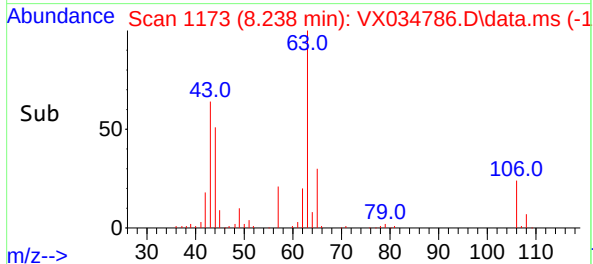
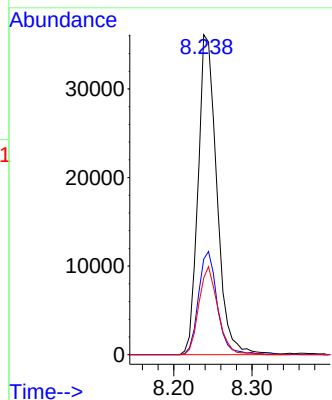
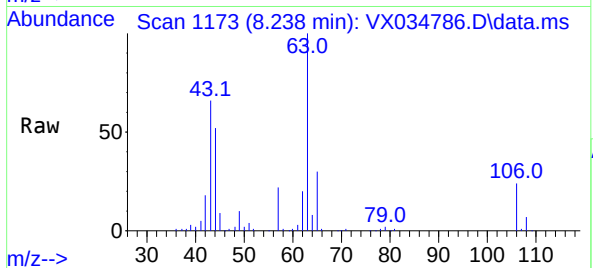




#55
2-Chloroethyl vinyl ether
Concen: 23.195 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VX034786.D
Acq: 28 Mar 2023 12:00

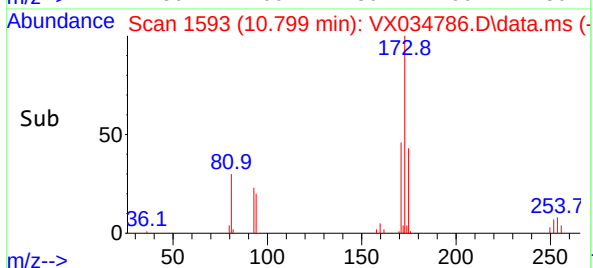
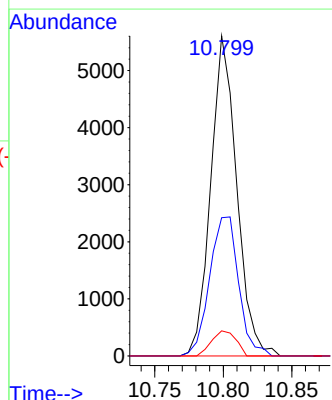
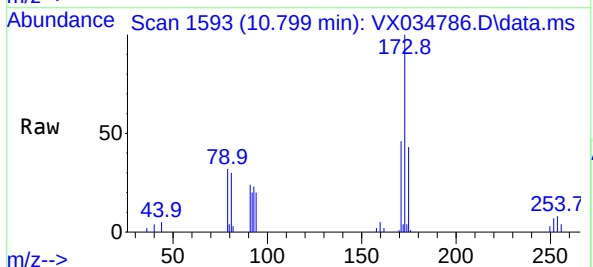
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2023

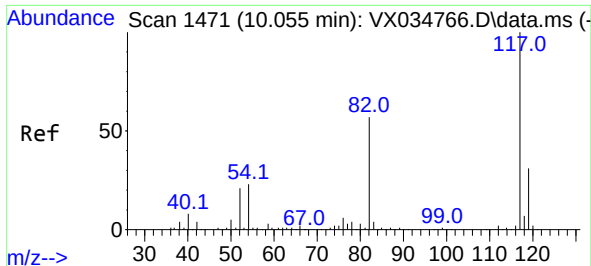
Tgt Ion:	63	Resp:	60320
Ion	Ratio	Lower	Upper
63	100		
65	32.2	25.4	38.2
106	27.9	21.6	32.4



#56
Bromoform
Concen: 3.563 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX034786.D
Acq: 28 Mar 2023 12:00

Tgt Ion:	173	Resp:	7399
Ion	Ratio	Lower	Upper
173	100		
175	48.5	37.0	55.4
254	7.4	6.7	10.1

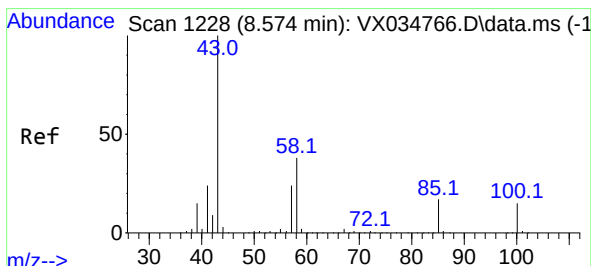
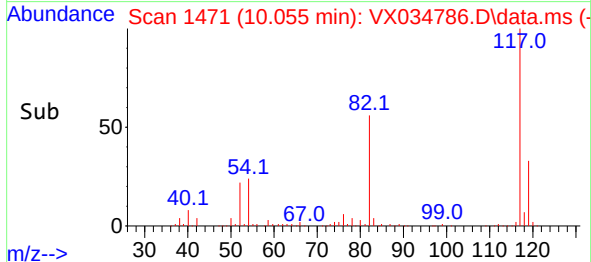
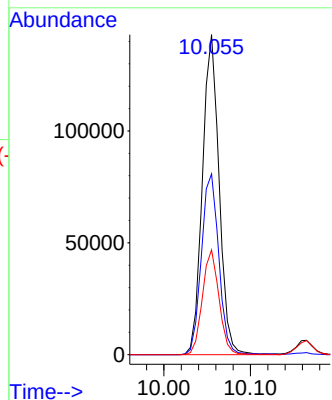
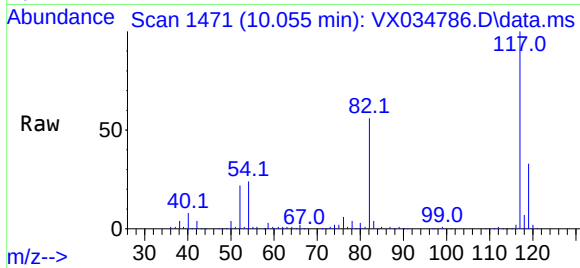




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034786.D
Acq: 28 Mar 2023 12:00

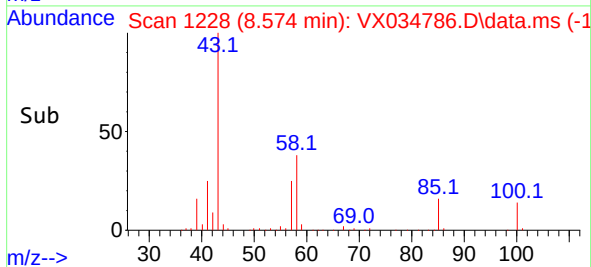
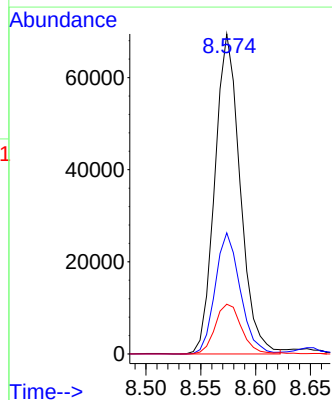
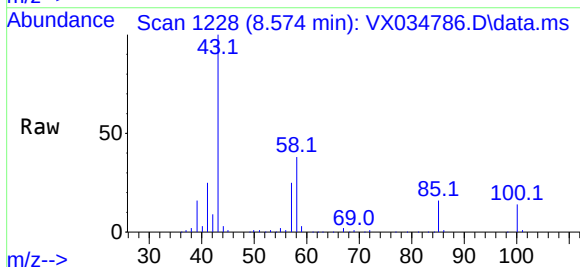
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2023

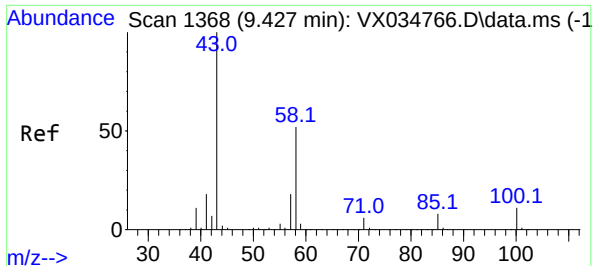
Tgt Ion:117 Resp: 191738
Ion Ratio Lower Upper
117 100
82 58.7 45.8 68.8
119 32.6 25.4 38.0



#58
4-Methyl-2-Pentanone
Concen: 25.435 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX034786.D
Acq: 28 Mar 2023 12:00

Tgt Ion: 43 Resp: 111817
Ion Ratio Lower Upper
43 100
58 37.4 29.9 44.9
85 16.3 13.2 19.8





#59

2-Hexanone

Concen: 25.691 ug/l

RT: 9.433 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX034786.D

Acq: 28 Mar 2023 12:00

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2023

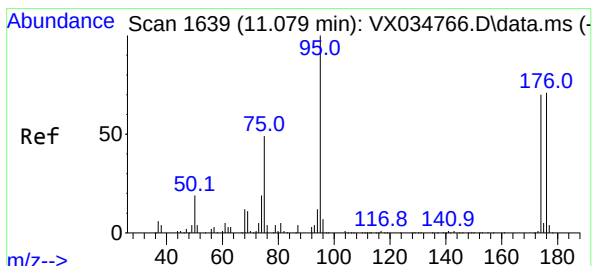
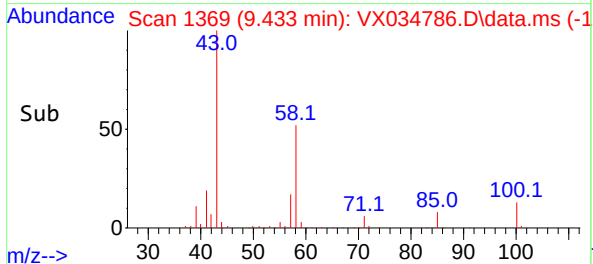
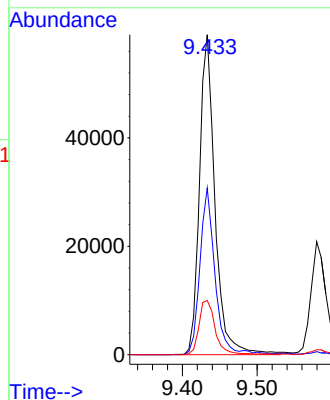
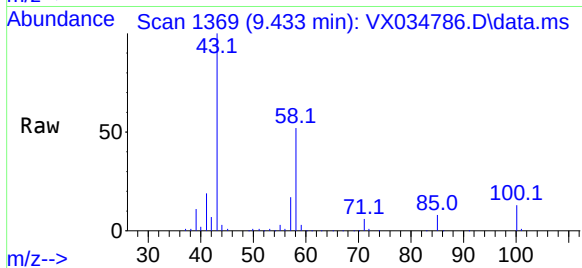
Tgt Ion: 43 Resp: 85036

Ion Ratio Lower Upper

43 100

58 49.5 41.7 62.5

57 17.5 14.7 22.1



#60

4-Bromofluorobenzene

Concen: 28.065 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX034786.D

Acq: 28 Mar 2023 12:00

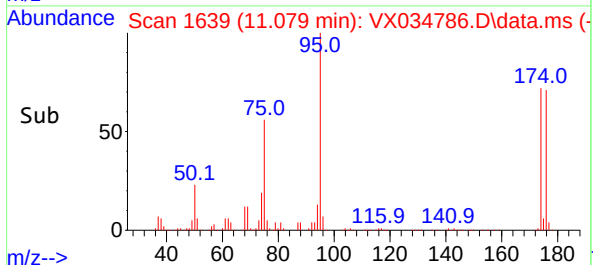
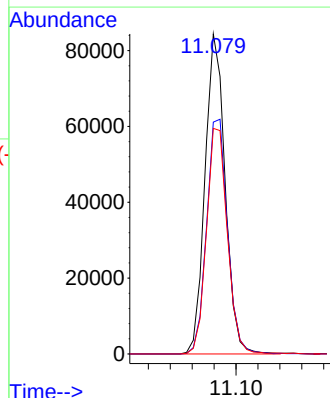
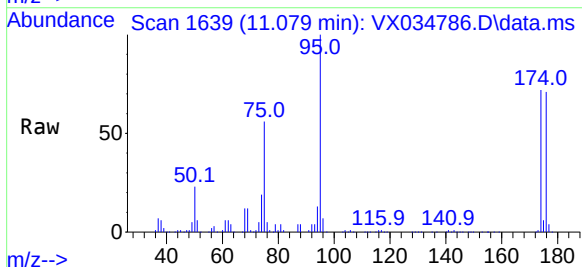
Tgt Ion: 95 Resp: 107524

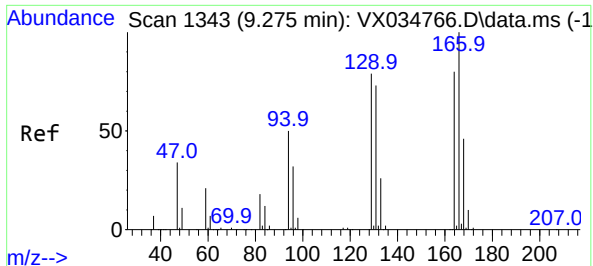
Ion Ratio Lower Upper

95 100

174 76.2 0.2 0.4#

176 73.1 0.2 0.2#



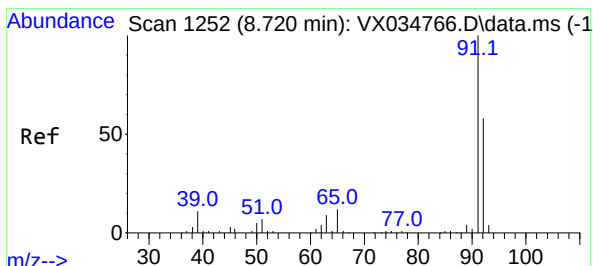
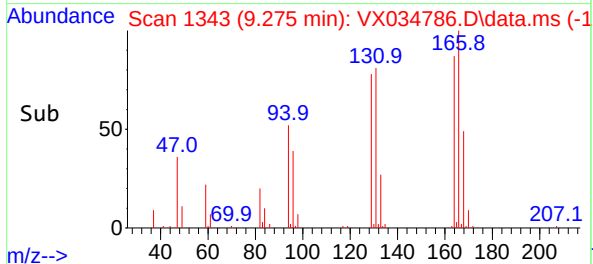
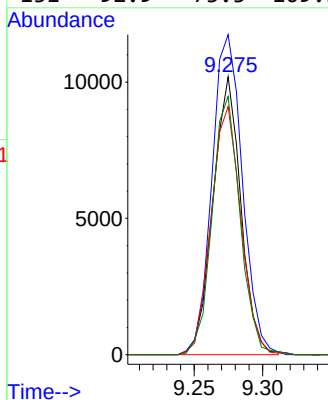
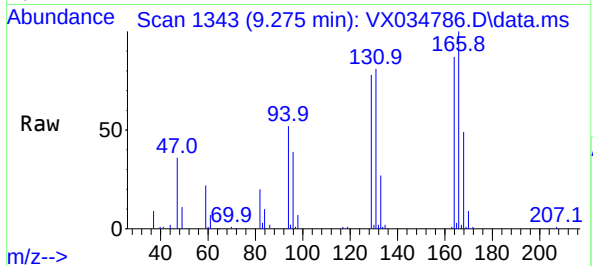


#61
Tetrachloroethene
Concen: 5.599 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034786.D
Acq: 28 Mar 2023 12:00

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2023

Tgt Ion:164 Resp: 14464

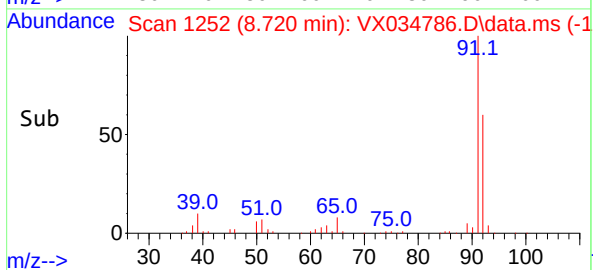
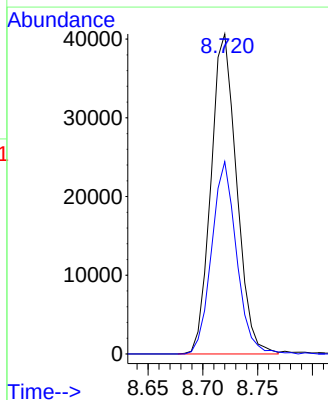
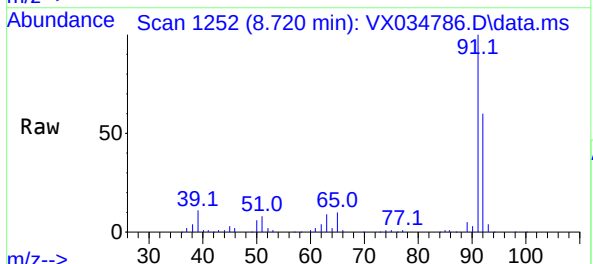
Ion	Ratio	Lower	Upper
164	100		
166	115.2	100.1	150.1
129	89.3	79.1	118.7
131	92.9	73.3	109.9

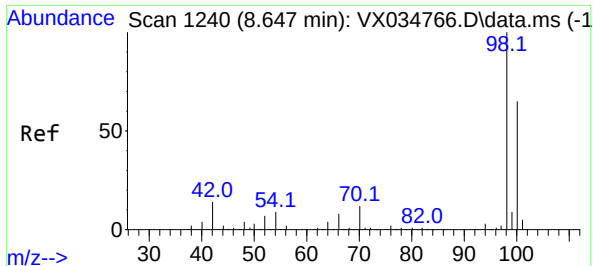


#62
Toluene
Concen: 5.276 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX034786.D
Acq: 28 Mar 2023 12:00

Tgt Ion: 91 Resp: 66149

Ion	Ratio	Lower	Upper
91	100		
92	58.4	46.5	69.7

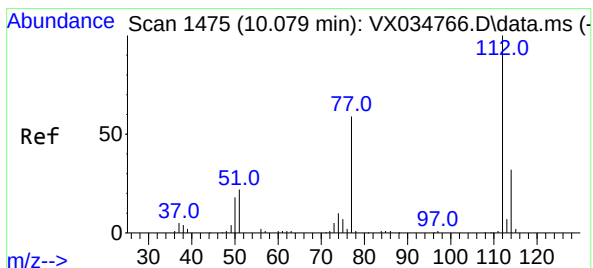
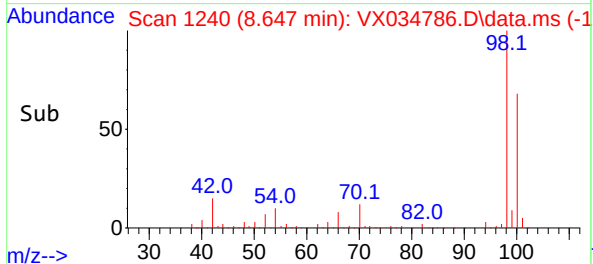
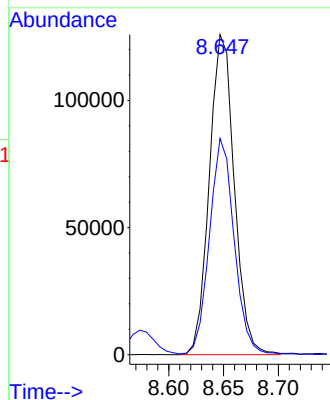
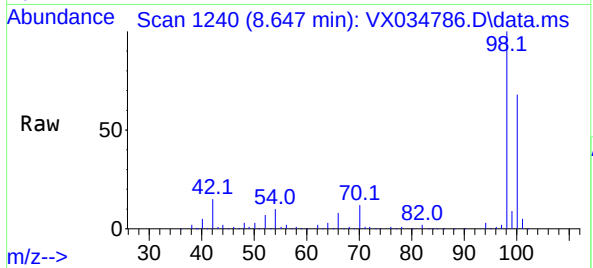




#63
Toluene-d8
Concen: 30.632 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX034786.D
Acq: 28 Mar 2023 12:00

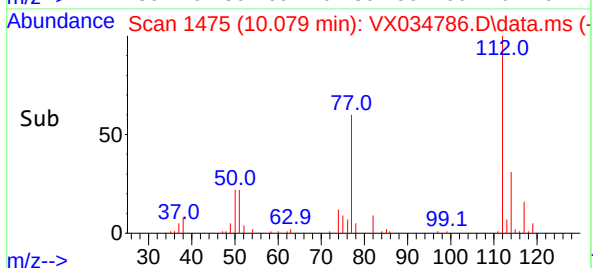
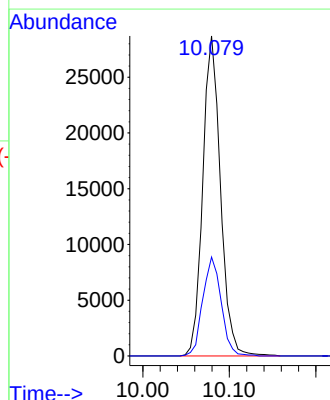
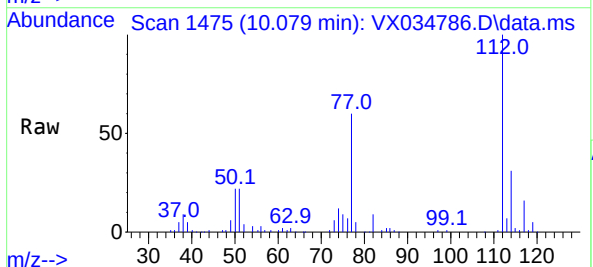
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2023

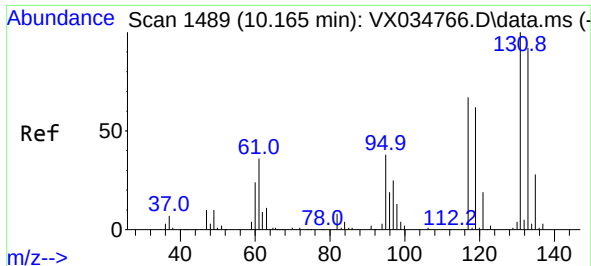
Tgt Ion: 98 Resp: 199594
Ion Ratio Lower Upper
98 100
100 66.3 52.1 78.1



#64
Chlorobenzene
Concen: 5.291 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX034786.D
Acq: 28 Mar 2023 12:00

Tgt Ion: 112 Resp: 40853
Ion Ratio Lower Upper
112 100
114 30.9 25.8 38.8

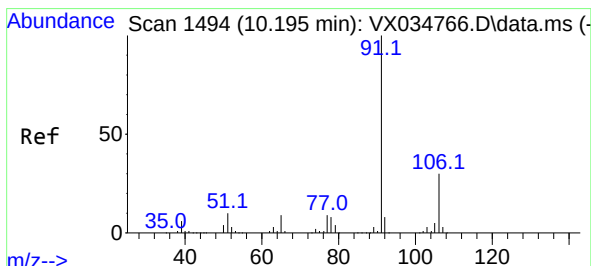
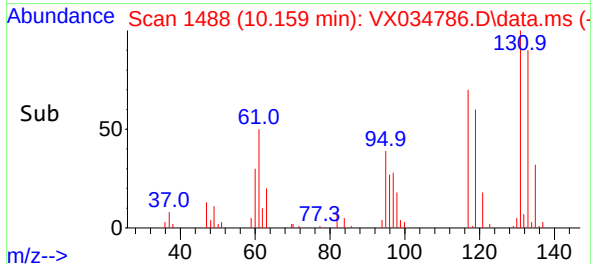
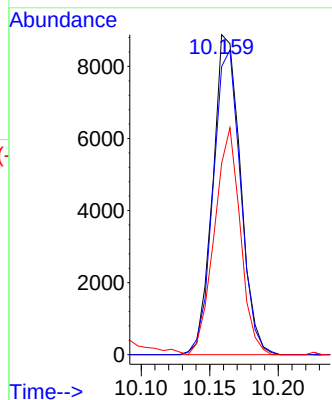
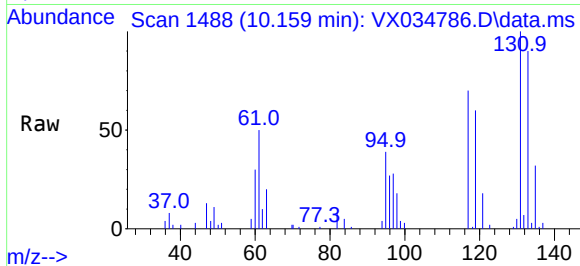




#65
1,1,1,2-Tetrachloroethane
Concen: 4.513 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX034786.D
Acq: 28 Mar 2023 12:00

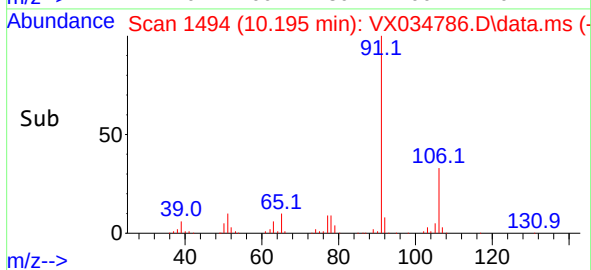
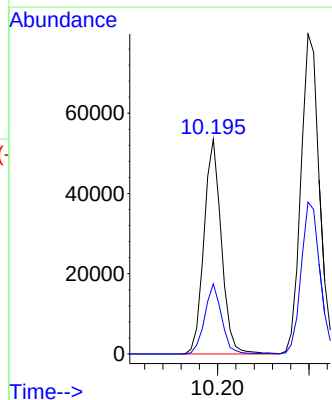
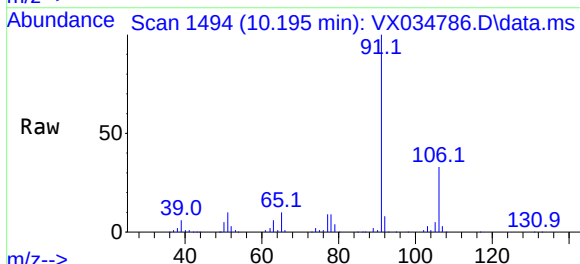
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT1-2023

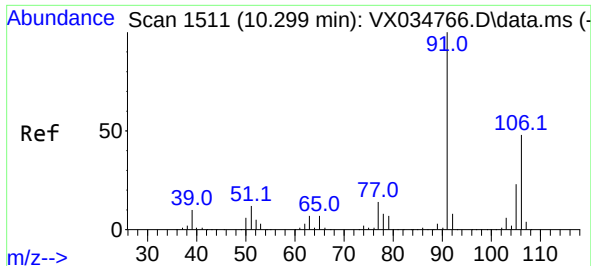
Tgt Ion:131	Resp:	12456	
Ion	Ratio	Lower	Upper
131	100		
133	94.5	0.0	186.6
119	66.4	0.0	128.6



#66
Ethyl Benzene
Concen: 5.071 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX034786.D
Acq: 28 Mar 2023 12:00

Tgt Ion: 91	Resp:	70813	
Ion	Ratio	Lower	Upper
91	100		
106	32.6	24.4	36.6

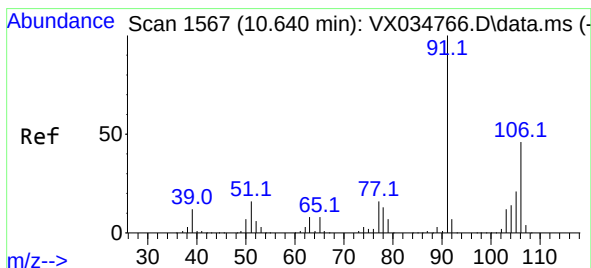
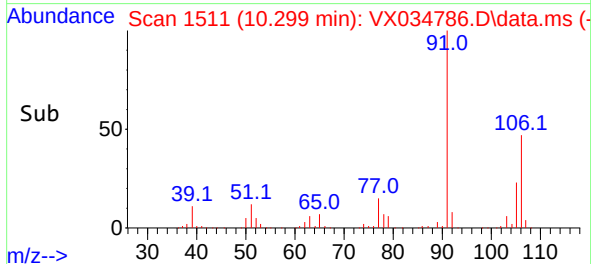
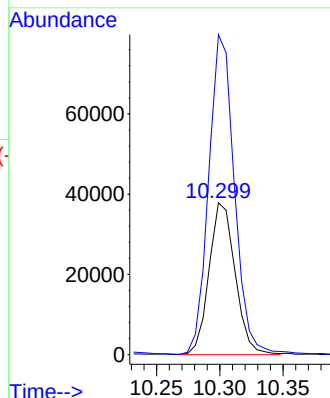
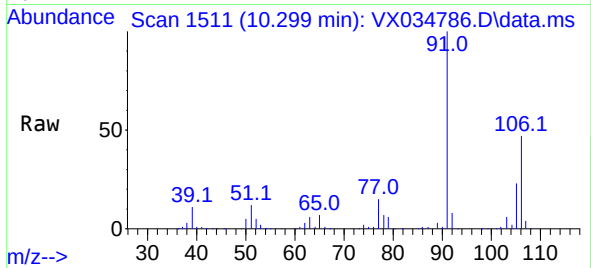




#67
m/p-Xylenes
Concen: 10.236 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX034786.D
Acq: 28 Mar 2023 12:00

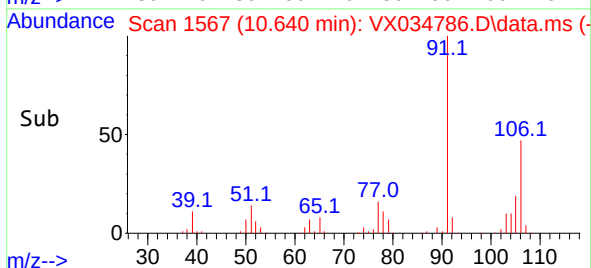
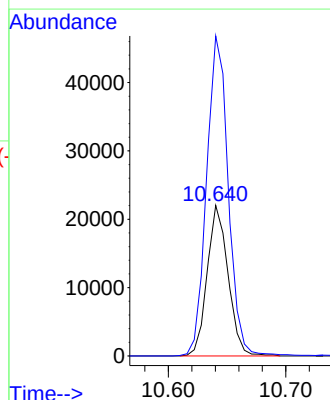
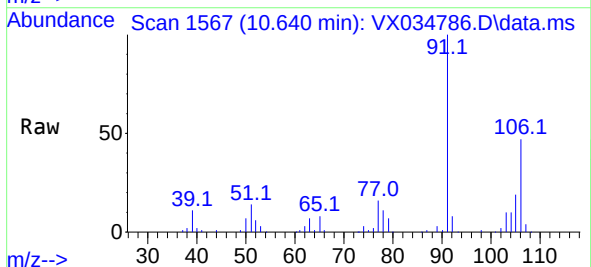
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2023

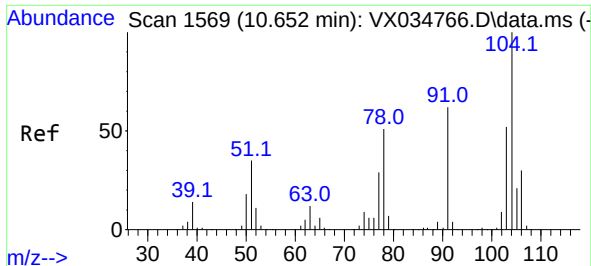
Tgt Ion:106 Resp: 54386
Ion Ratio Lower Upper
106 100
91 208.9 167.4 251.2



#68
o-Xylene
Concen: 5.186 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX034786.D
Acq: 28 Mar 2023 12:00

Tgt Ion:106 Resp: 27248
Ion Ratio Lower Upper
106 100
91 220.8 108.9 326.8

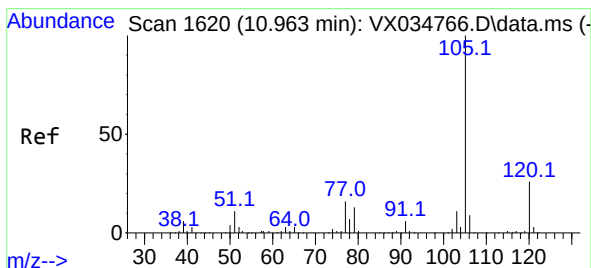
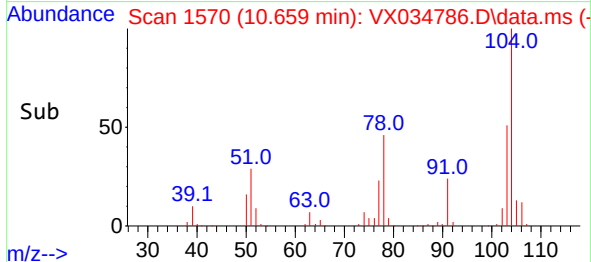
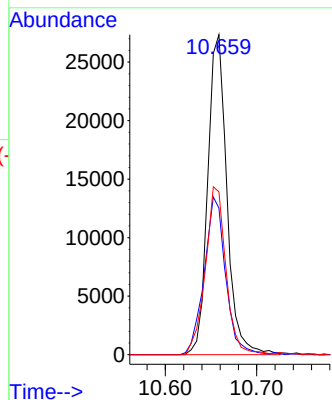
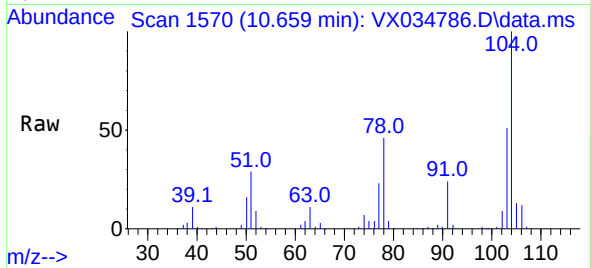




#69
Styrene
Concen: 4.589 ug/l
RT: 10.659 min Scan# 1569
Delta R.T. 0.006 min
Lab File: VX034786.D
Acq: 28 Mar 2023 12:00

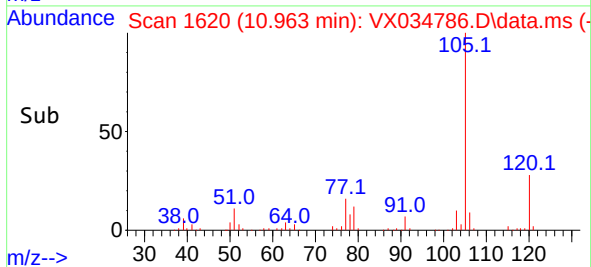
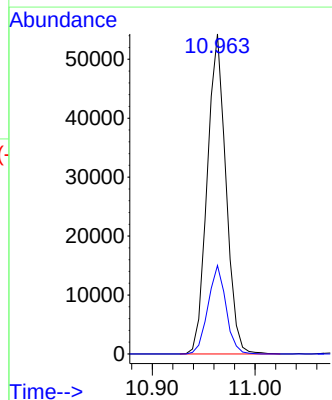
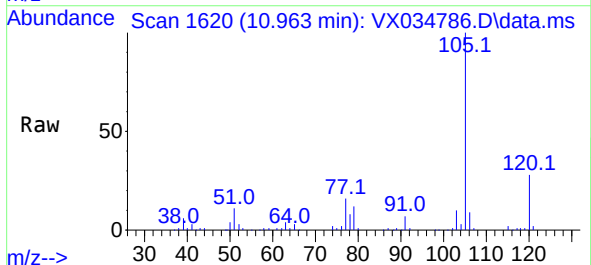
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT1-2023

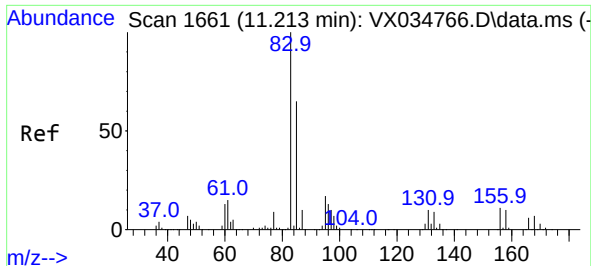
Tgt Ion:	104	Resp:	39747
Ion Ratio	Lower	Upper	
104	100		
78	55.1	42.8	64.2
103	56.7	43.8	65.8



#70
Isopropylbenzene
Concen: 5.046 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX034786.D
Acq: 28 Mar 2023 12:00

Tgt Ion:	105	Resp:	68613
Ion Ratio	Lower	Upper	
105	100		
120	26.5	18.5	34.3

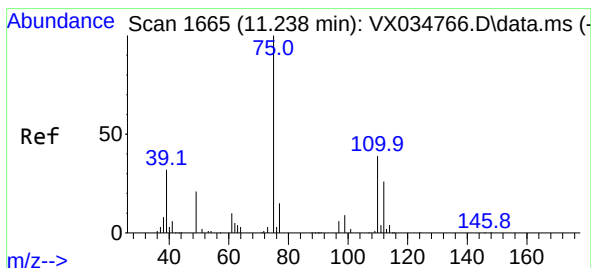
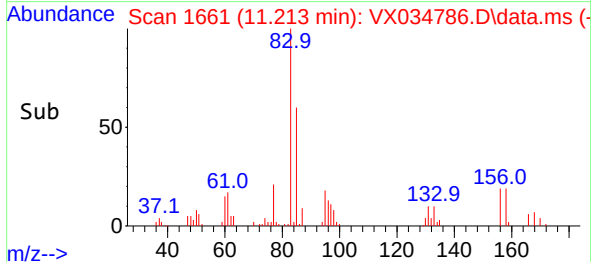
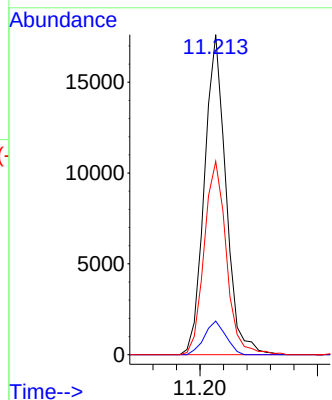
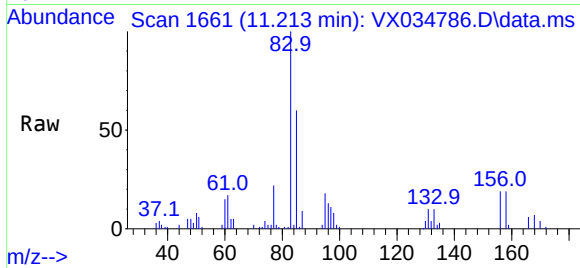




#71
1,1,2,2-Tetrachloroethane
Concen: 5.010 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX034786.D
Acq: 28 Mar 2023 12:00

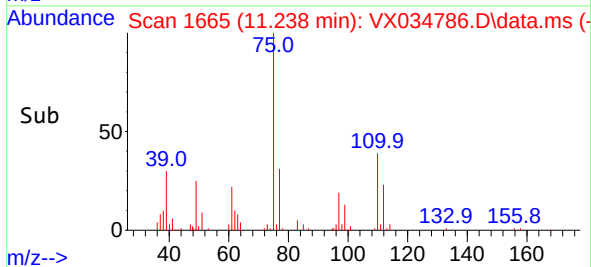
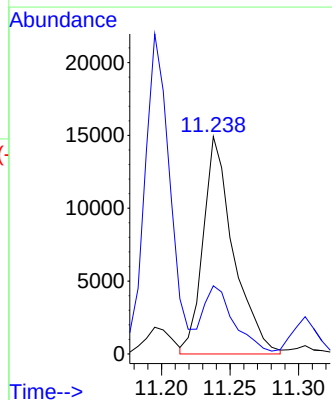
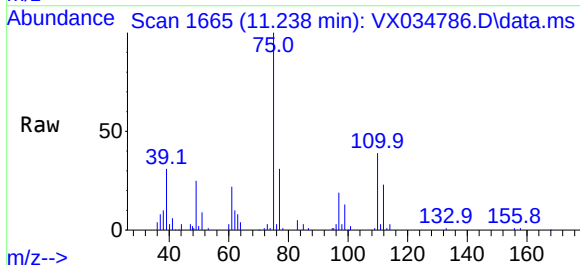
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT1-2023

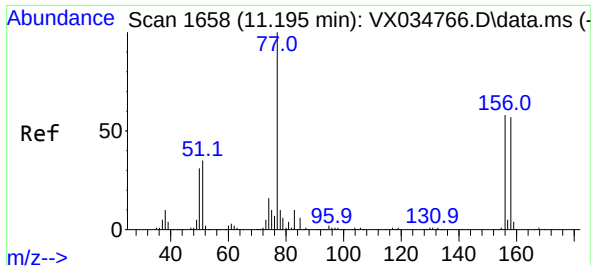
Tgt Ion: 83 Resp: 22394
Ion Ratio Lower Upper
83 100
131 10.4 5.1 15.2
85 62.3 31.9 95.5



#72
1,2,3-Trichloropropane
Concen: 5.645 ug/l
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX034786.D
Acq: 28 Mar 2023 12:00

Tgt Ion: 75 Resp: 22970
Ion Ratio Lower Upper
75 100
77 33.6 0.0 73.8

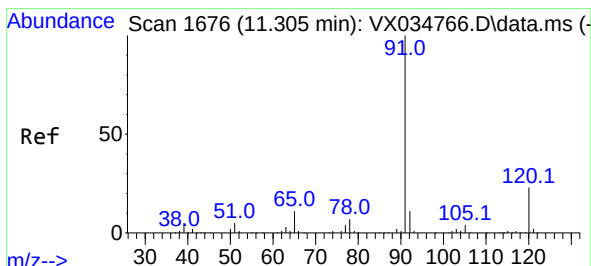
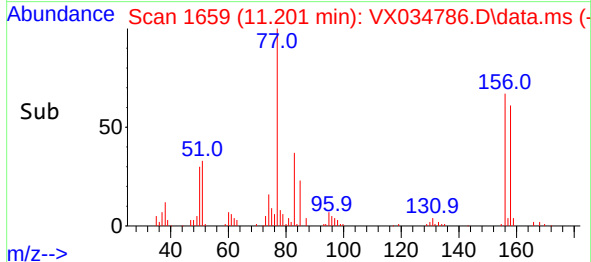
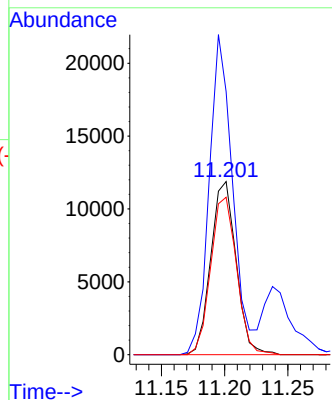
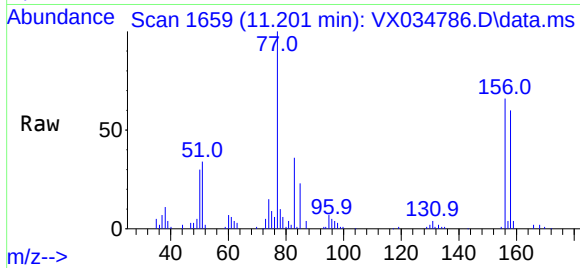




#73
Bromobenzene
Concen: 5.073 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.006 min
Lab File: VX034786.D
Acq: 28 Mar 2023 12:00

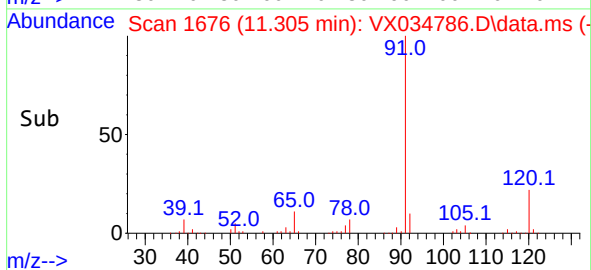
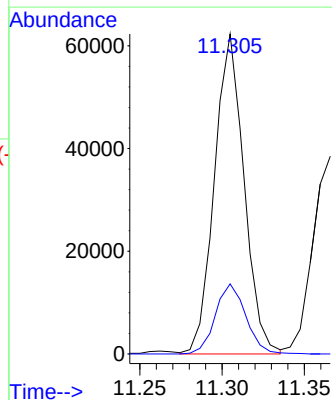
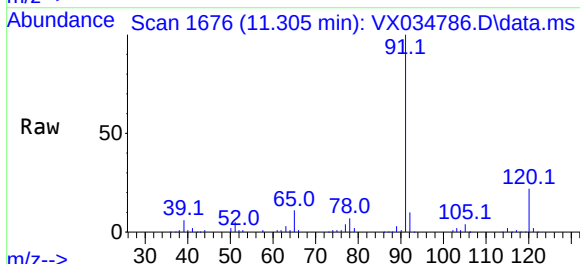
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2023

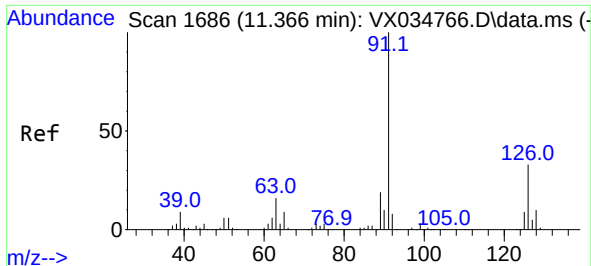
Tgt Ion:156 Resp: 16568
Ion Ratio Lower Upper
156 100
77 167.9 0.0 330.8
158 92.8 0.0 193.4



#74
n-propylbenzene
Concen: 4.924 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX034786.D
Acq: 28 Mar 2023 12:00

Tgt Ion: 91 Resp: 77945
Ion Ratio Lower Upper
91 100
120 22.5 0.0 44.8

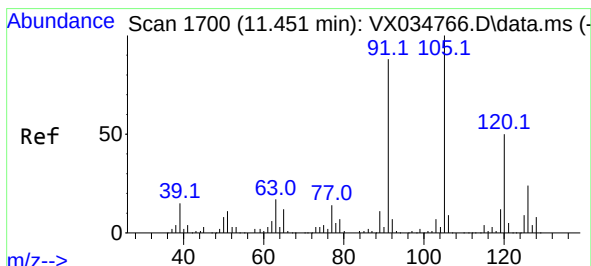
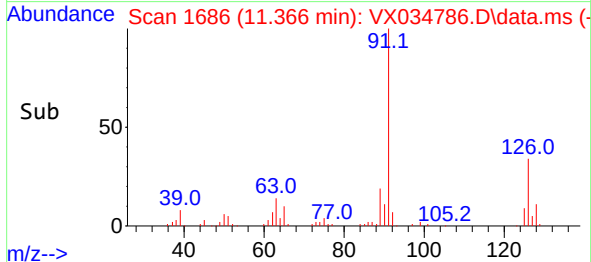
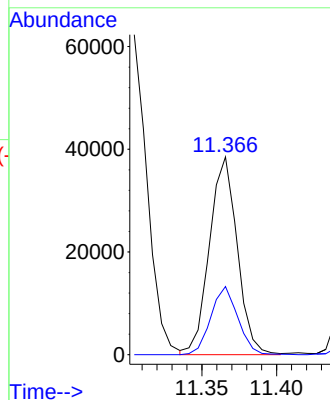
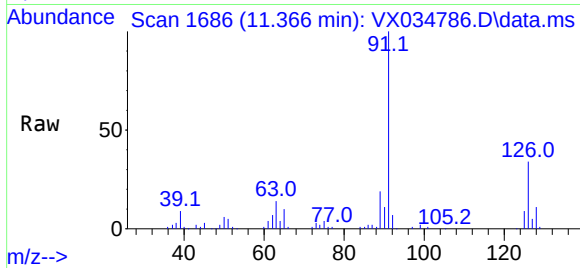




#75
2-Chlorotoluene
Concen: 5.050 ug/l
RT: 11.366 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX034786.D
Acq: 28 Mar 2023 12:00

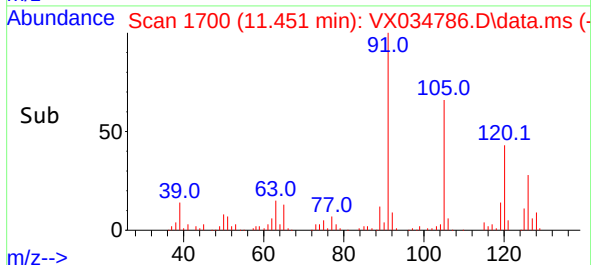
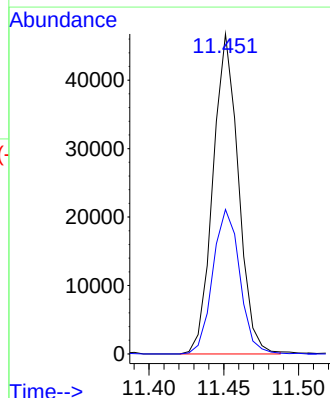
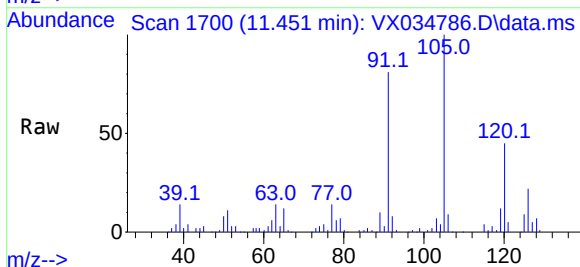
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2023

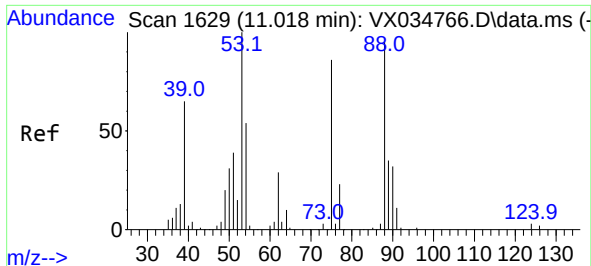
Tgt Ion: 91 Resp: 49837
Ion Ratio Lower Upper
91 100
126 33.4 0.0 66.4



#76
1,3,5-Trimethylbenzene
Concen: 4.834 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX034786.D
Acq: 28 Mar 2023 12:00

Tgt Ion: 105 Resp: 55340
Ion Ratio Lower Upper
105 100
120 47.9 0.0 96.4

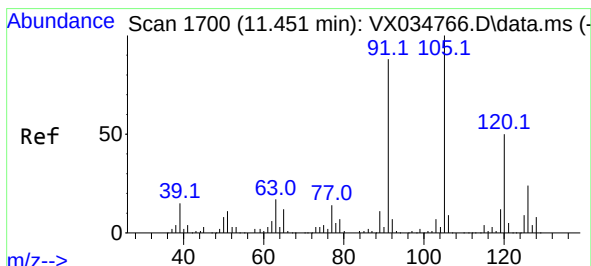
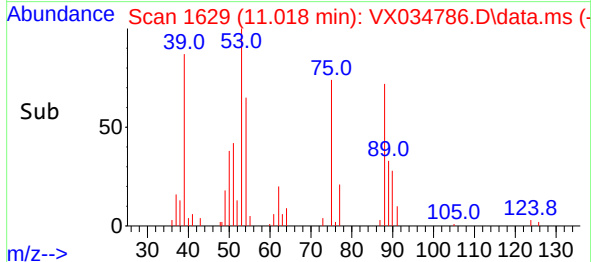
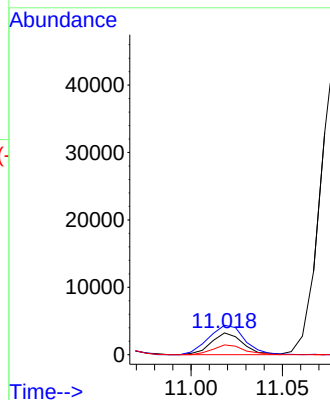
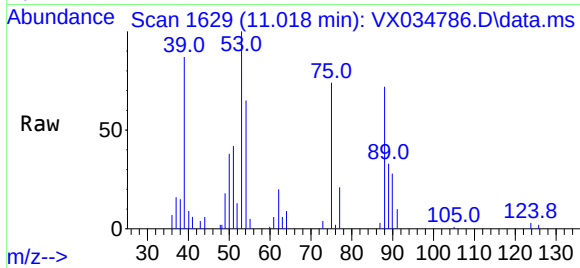




#77
t-1,4-Dichloro-2-butene
Concen: 3.142 ug/l
RT: 11.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX034786.D
Acq: 28 Mar 2023 12:00

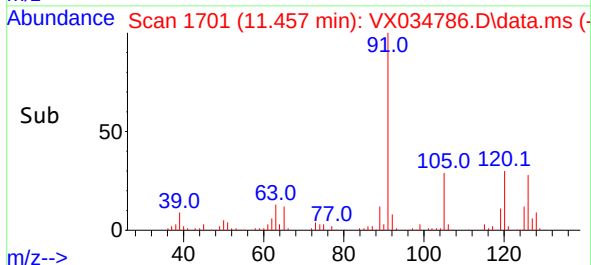
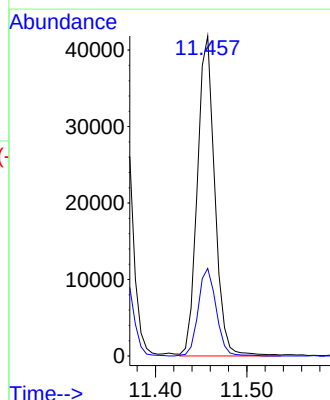
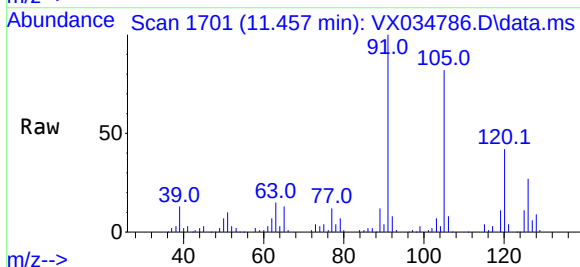
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2023

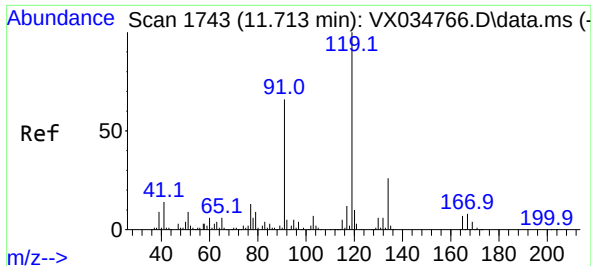
Tgt Ion: 75 Resp: 3926
Ion Ratio Lower Upper
75 100
53 135.7 58.2 174.6
89 45.2 20.6 61.8



#78
4-Chlorotoluene
Concen: 4.916 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX034786.D
Acq: 28 Mar 2023 12:00

Tgt Ion: 91 Resp: 55618
Ion Ratio Lower Upper
91 100
126 28.1 0.0 56.8





#79

tert-butylbenzene

Concen: 4.837 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX034786.D

Acq: 28 Mar 2023 12:00

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2023

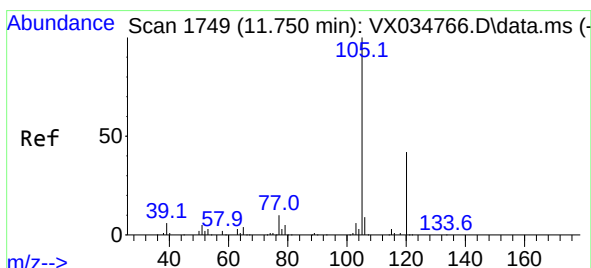
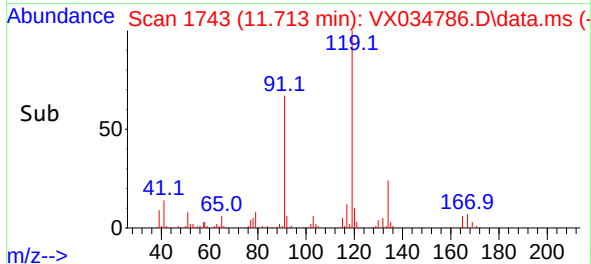
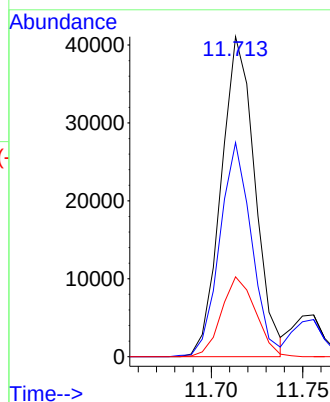
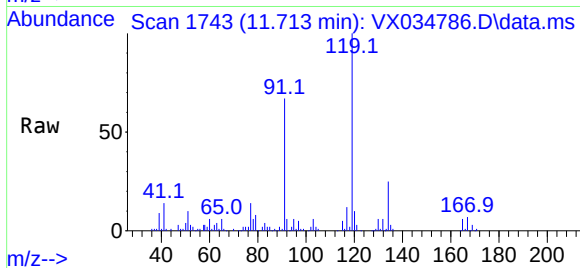
Tgt Ion:119 Resp: 52852

Ion Ratio Lower Upper

119 100

91 63.0 0.0 122.4

134 25.2 0.0 49.2



#80

1,2,4-Trimethylbenzene

Concen: 4.964 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX034786.D

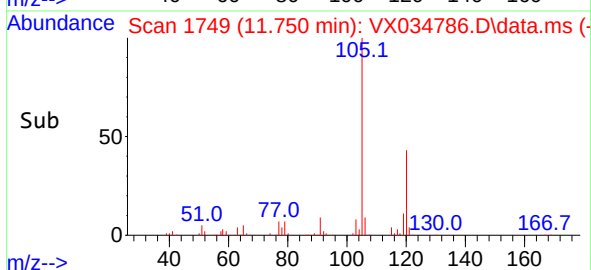
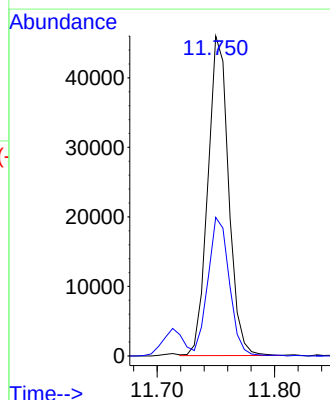
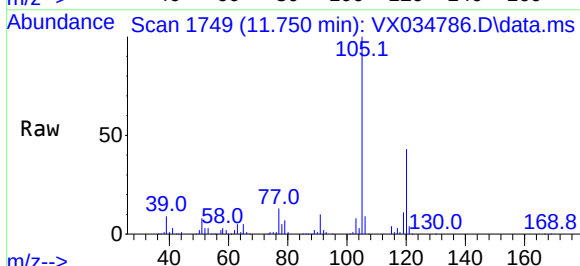
Acq: 28 Mar 2023 12:00

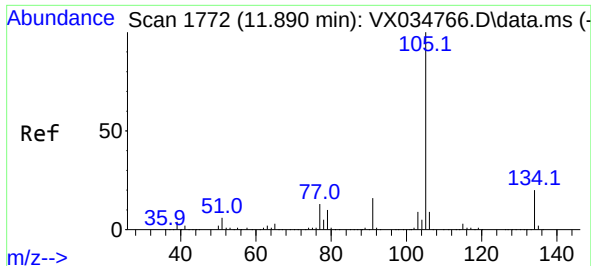
Tgt Ion:105 Resp: 56465

Ion Ratio Lower Upper

105 100

120 44.3 0.0 90.4

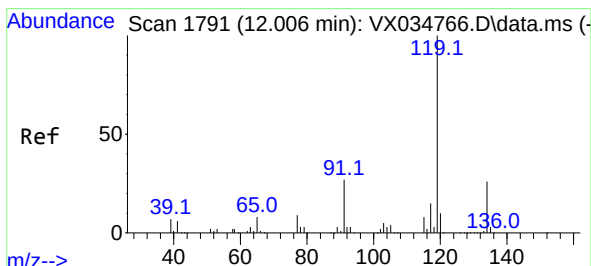
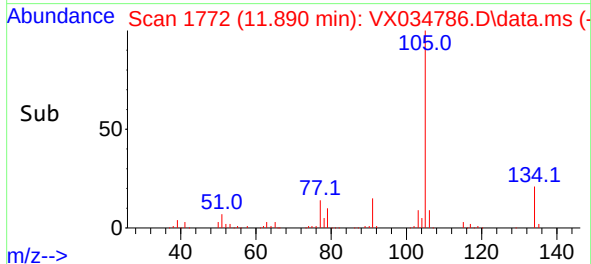
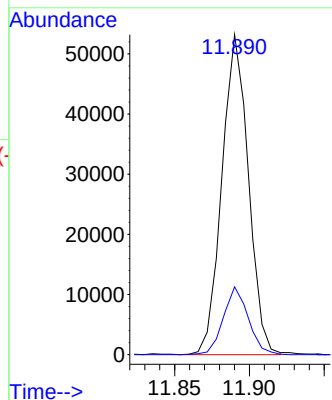
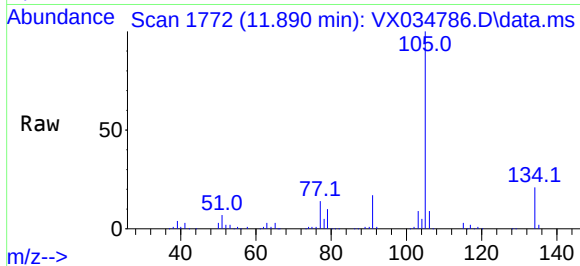




#81
 sec-Butylbenzene
 Concen: 4.950 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX034786.D
 Acq: 28 Mar 2023 12:00

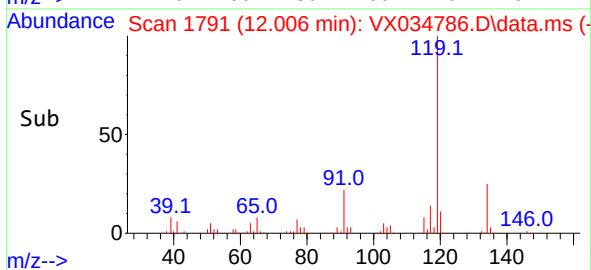
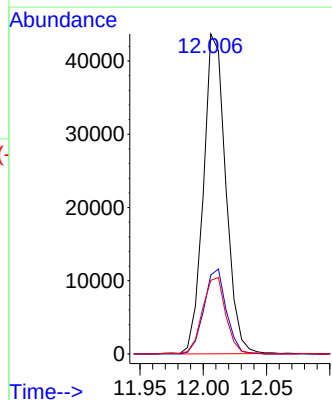
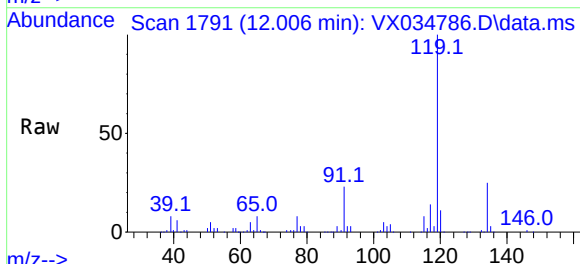
Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT1-2023

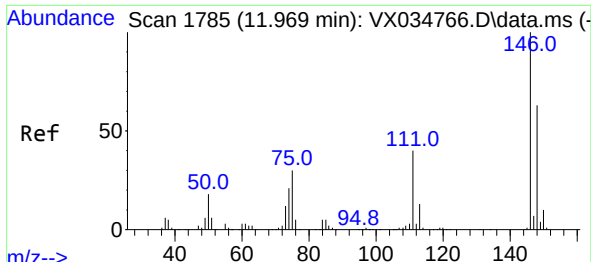
Tgt Ion:105 Resp: 65543
 Ion Ratio Lower Upper
 105 100
 134 20.0 0.0 40.2



#82
 p-Isopropyltoluene
 Concen: 4.804 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX034786.D
 Acq: 28 Mar 2023 12:00

Tgt Ion:119 Resp: 53679
 Ion Ratio Lower Upper
 119 100
 134 26.6 0.0 52.2
 91 25.0 0.0 51.0

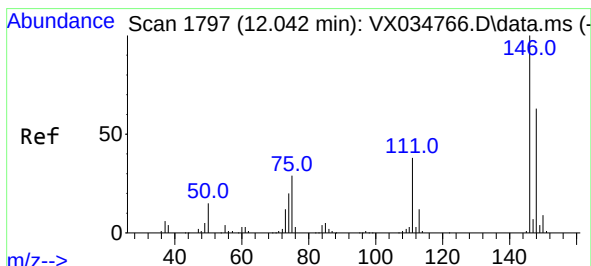
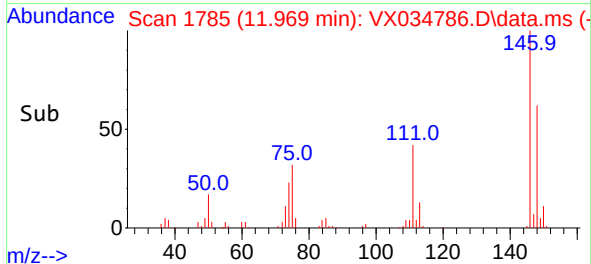
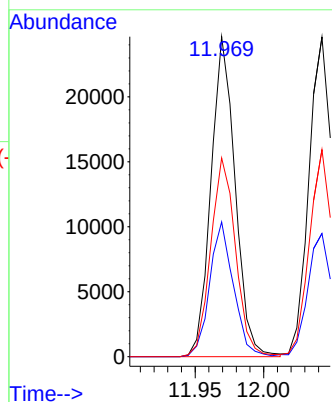
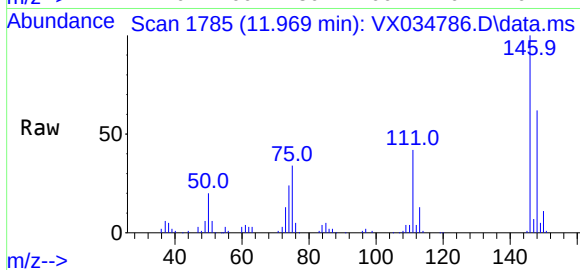




#83
1,3-Dichlorobenzene
Concen: 4.899 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX034786.D
Acq: 28 Mar 2023 12:00

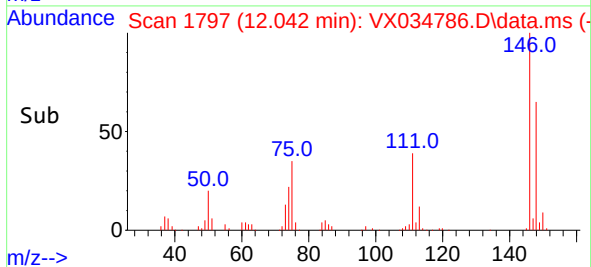
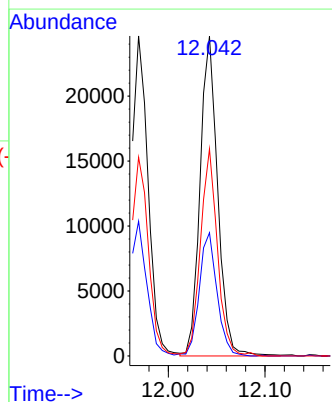
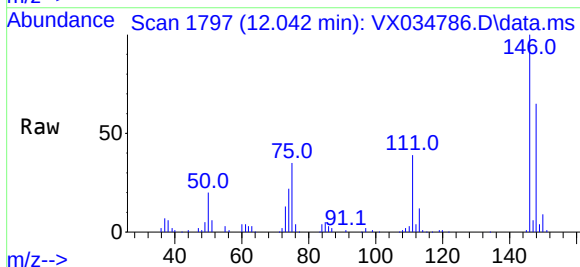
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2023

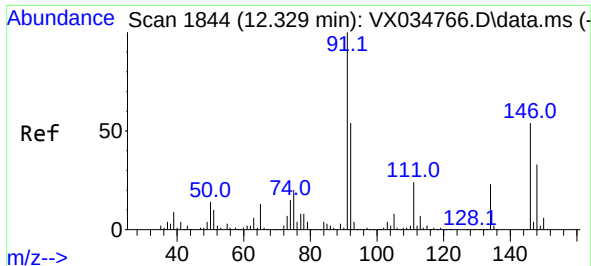
Tgt Ion:146 Resp: 30216
Ion Ratio Lower Upper
146 100
111 41.8 20.6 61.9
148 64.1 31.6 94.7



#84
1,4-Dichlorobenzene
Concen: 5.037 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX034786.D
Acq: 28 Mar 2023 12:00

Tgt Ion:146 Resp: 31197
Ion Ratio Lower Upper
146 100
111 38.6 20.3 60.9
148 62.3 31.8 95.3

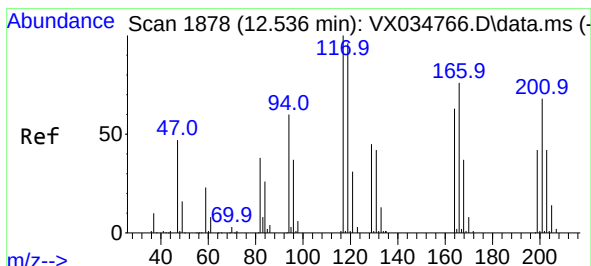
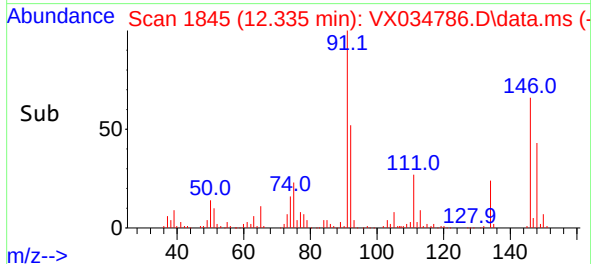
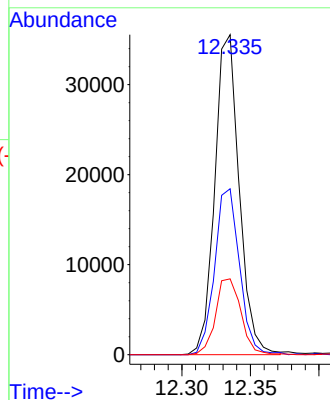
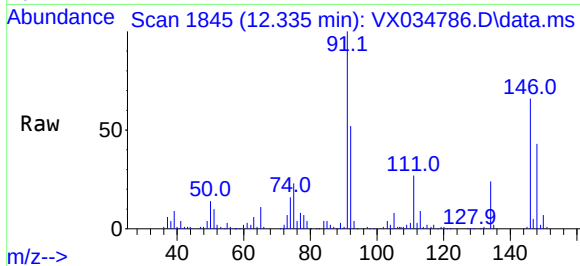




#85
n-Butylbenzene
Concen: 4.576 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX034786.D
Acq: 28 Mar 2023 12:00

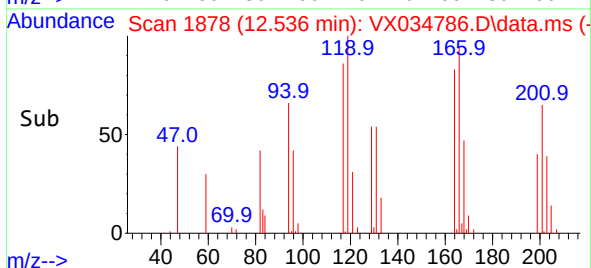
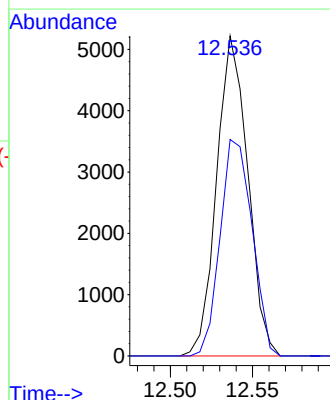
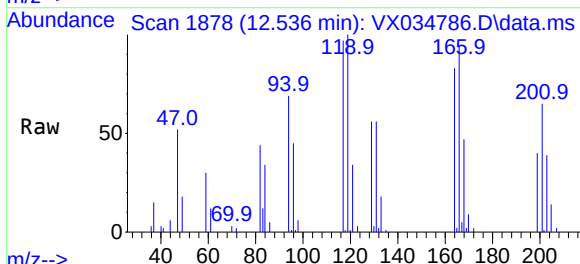
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT1-2023

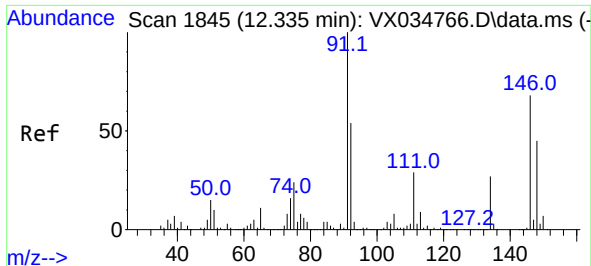
Tgt Ion: 91	Resp: 44068
Ion Ratio	Lower Upper
91	100
92	52.6 0.0 107.6
134	24.7 0.0 49.8



#86
Hexachloroethane
Concen: 3.753 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX034786.D
Acq: 28 Mar 2023 12:00

Tgt Ion: 117	Resp: 6868
Ion Ratio	Lower Upper
117	100
201	69.7 35.4 106.2



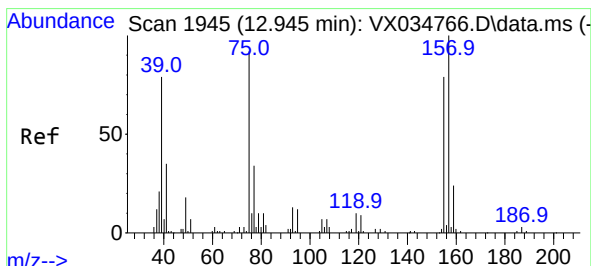
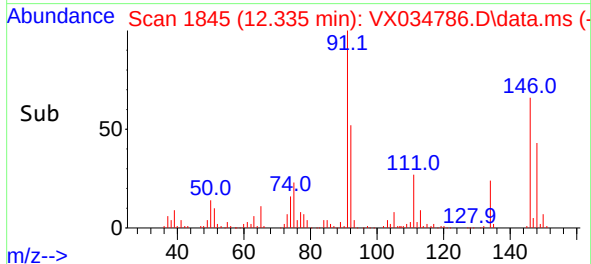
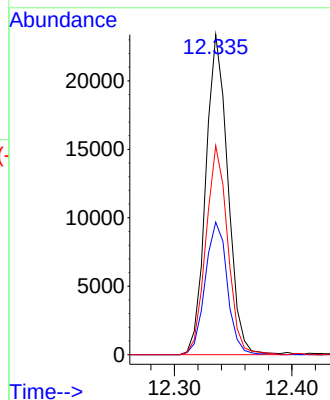
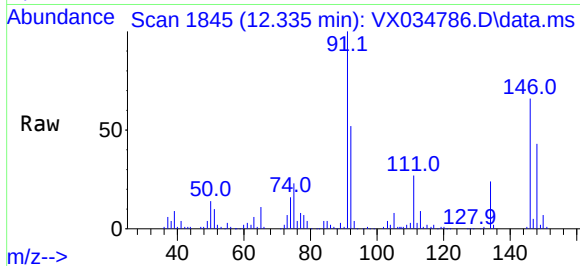


#87
1,2-Dichlorobenzene
Concen: 5.049 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX034786.D
Acq: 28 Mar 2023 12:00

Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT1-2023

Tgt Ion:146 Resp: 30467

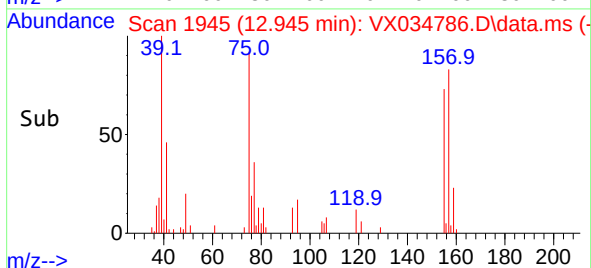
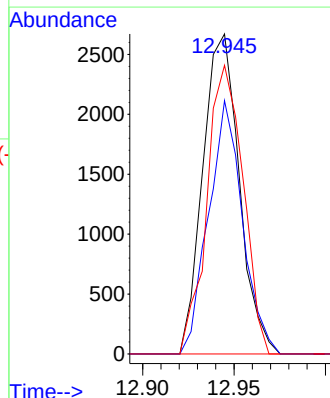
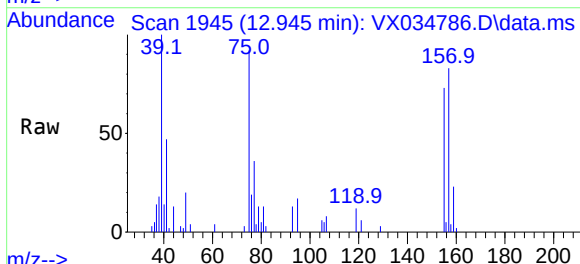
Ion	Ratio	Lower	Upper
146	100		
111	41.5	21.3	64.0
148	64.5	31.7	95.1

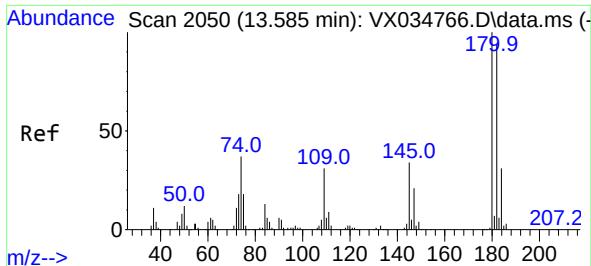


#88
1,2-Dibromo-3-Chloropropane
Concen: 3.796 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX034786.D
Acq: 28 Mar 2023 12:00

Tgt Ion: 75 Resp: 3708

Ion	Ratio	Lower	Upper
75	100		
155	73.9	63.7	95.5
157	89.4	83.7	125.5

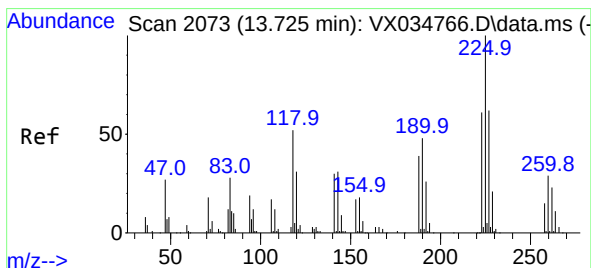
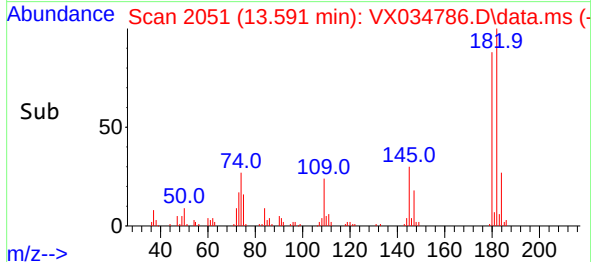
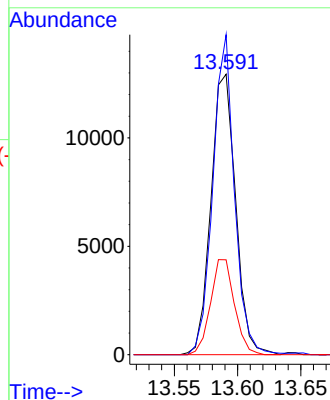
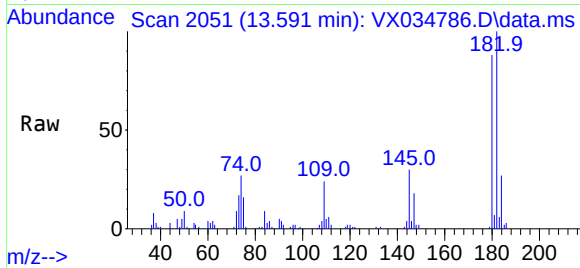




#89
1,2,4-Trichlorobenzene
Concen: 4.850 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX034786.D
Acq: 28 Mar 2023 12:00

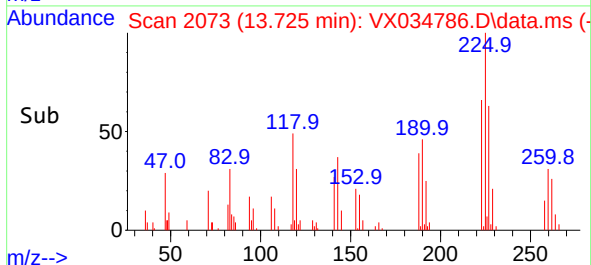
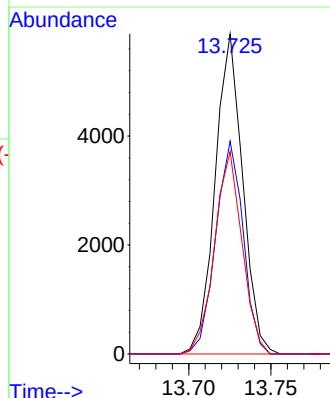
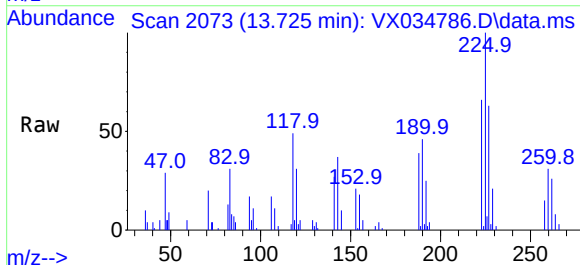
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2023

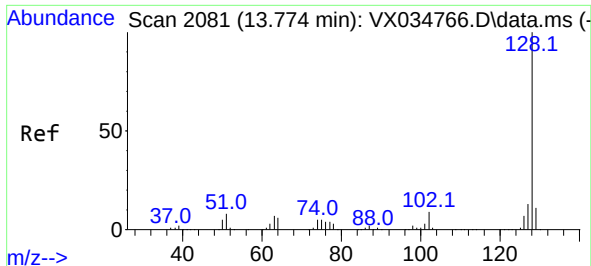
Tgt Ion:180 Resp: 17559
Ion Ratio Lower Upper
180 100
182 99.8 75.8 113.8
145 32.9 25.8 38.6



#90
Hexachlorobutadiene
Concen: 4.896 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX034786.D
Acq: 28 Mar 2023 12:00

Tgt Ion:225 Resp: 6835
Ion Ratio Lower Upper
225 100
223 0.0 0.0 124.2
227 63.2 0.0 122.8

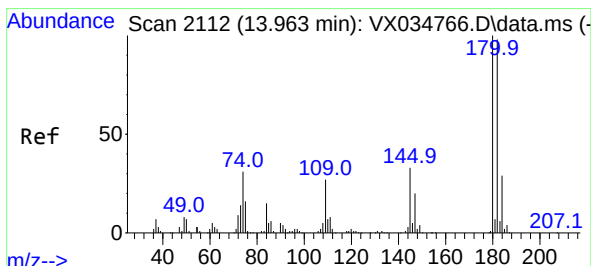
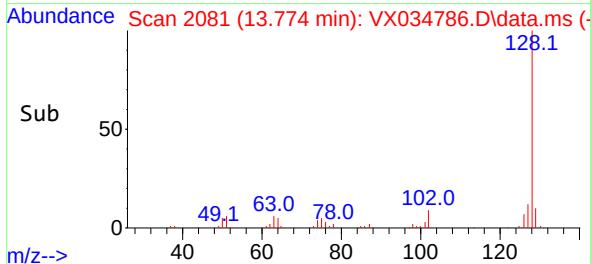
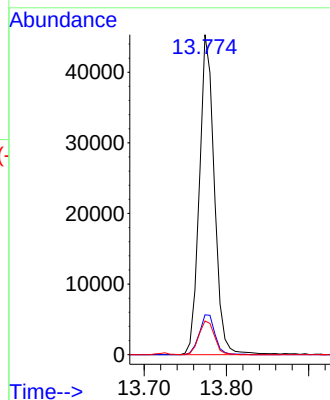
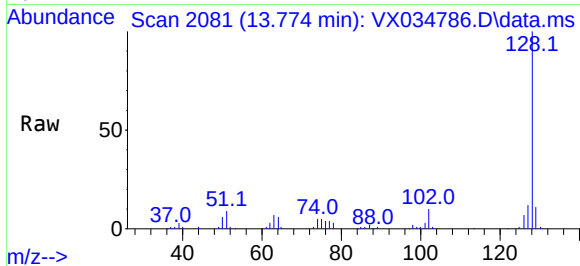




#91
Naphthalene
Concen: 4.482 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX034786.D
Acq: 28 Mar 2023 12:00

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2023

Tgt Ion:	128	Resp:	57325
Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.3	15.5
129	11.0	8.8	13.2



#92
1,2,3-Trichlorobenzene
Concen: 4.786 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX034786.D
Acq: 28 Mar 2023 12:00

Tgt Ion:	180	Resp:	17321
Ion	Ratio	Lower	Upper
180	100		
182	92.1	0.0	191.0
145	34.7	0.0	66.8

