

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022123\
 Data File : VX034214.D
 Acq On : 21 Feb 2023 17:04
 Operator : JC/MD
 Sample : 01627-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

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

Quant Time: Feb 22 03:02:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021723W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 22 02:40:46 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	309674	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	512487	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	456289	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	215468	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	188770	45.262	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	90.520%
35) Dibromofluoromethane	5.385	113	161197	48.309	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.620%
50) Toluene-d8	8.647	98	599342	50.028	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.060%
62) 4-Bromofluorobenzene	11.079	95	214300	46.765	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.520%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	12872	4.810	ug/l	98
3) Chloromethane	1.300	50	19564	5.081	ug/l	100
4) Vinyl Chloride	1.374	62	20636	5.884	ug/l	98
5) Bromomethane	1.599	94	10031	7.208	ug/l	96
6) Chloroethane	1.684	64	11369	6.448	ug/l	98
7) Trichlorofluoromethane	1.886	101	28829	6.076	ug/l	95
8) Diethyl Ether	2.136	74	11356	5.941	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.325	101	15721	4.705	ug/l	97
10) Methyl Iodide	2.453	142	16633	4.088	ug/l	94
11) Tert butyl alcohol	2.959	59	28216	30.249	ug/l #	87
12) 1,1-Dichloroethene	2.318	96	16130	4.816	ug/l	91
13) Acrolein	2.239	56	11323	26.592	ug/l	95
14) Allyl chloride	2.666	41	31410	4.421	ug/l	90
15) Acrylonitrile	3.068	53	51594	25.354	ug/l	98
16) Acetone	2.379	43	45106	20.966	ug/l #	89
17) Carbon Disulfide	2.514	76	43314	4.498	ug/l	99
18) Methyl Acetate	2.703	43	29387	4.414	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	58473	4.946	ug/l	96
20) Methylene Chloride	2.788	84	19418	5.009	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	16750	4.772	ug/l	93
22) Diisopropyl ether	3.757	45	63918	5.131	ug/l #	77
23) Vinyl Acetate	3.721	43	256933	25.746	ug/l	100
24) 1,1-Dichloroethane	3.611	63	32821	4.800	ug/l	98
25) 2-Butanone	4.562	43	72435	23.269	ug/l	100
26) 2,2-Dichloropropane	4.477	77	27312	4.409	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	20554	4.945	ug/l	96
28) Bromochloromethane	4.903	49	15175	4.975	ug/l	90
29) Tetrahydrofuran	5.007	42	47474	25.000	ug/l	99
30) Chloroform	5.098	83	32146	4.896	ug/l	99
31) Cyclohexane	5.470	56	30662	4.924	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	28270	4.803	ug/l	99
36) 1,1-Dichloropropene	5.696	75	23520	4.766	ug/l	98
37) Ethyl Acetate	4.721	43	27832	5.047	ug/l	97
38) Carbon Tetrachloride	5.684	117	24700	4.864	ug/l	94
39) Methylcyclohexane	7.385	83	30123	4.743	ug/l	92
40) Benzene	6.043	78	72600	4.964	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	15264	4.967	ug/l	96
42) 1,2-Dichloroethane	6.092	62	24644	4.791	ug/l	99
43) Isopropyl Acetate	6.348	43	46241	4.751	ug/l	99
44) Trichloroethene	7.129	130	18902	5.037	ug/l	98
45) 1,2-Dichloropropane	7.433	63	19152	4.920	ug/l	98
46) Dibromomethane	7.586	93	13088	5.108	ug/l	88
47) Bromodichloromethane	7.824	83	24996	4.754	ug/l	98
48) Methyl methacrylate	7.696	41	21665	4.690	ug/l	96
49) 1,4-Dioxane	7.665	88	9373	101.730	ug/l #	98
51) 4-Methyl-2-Pentanone	8.573	43	143311	26.765	ug/l	99
52) Toluene	8.720	92	46167	5.210	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	27521	4.547	ug/l	98
54) cis-1,3-Dichloropropene	8.372	75	29770	4.595	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	18135	5.070	ug/l	95
56) Ethyl methacrylate	9.116	69	29565	4.886	ug/l	98
57) 1,3-Dichloropropane	9.311	76	31307	5.031	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.244	63	68097	25.981	ug/l	95
59) 2-Hexanone	9.433	43	104985	25.727	ug/l	99
60) Dibromochloromethane	9.518	129	18289	4.628	ug/l	97
61) 1,2-Dibromoethane	9.610	107	19452	5.142	ug/l	97
64) Tetrachloroethene	9.275	164	16577	5.148	ug/l	93
65) Chlorobenzene	10.079	112	47929	5.039	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	17598	4.779	ug/l	96
67) Ethyl Benzene	10.195	91	84552	4.948	ug/l	98
68) m/p-Xylenes	10.305	106	66658	10.194	ug/l	99
69) o-Xylene	10.640	106	33234	5.105	ug/l	100
70) Styrene	10.658	104	52590	4.967	ug/l	98
71) Bromoform	10.799	173	13429	4.468	ug/l #	100
73) Isopropylbenzene	10.963	105	82611	5.031	ug/l	100
74) N-amyl acetate	10.841	43	38648	4.685	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	28104	5.004	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	29355	5.414	ug/l	86
77) Bromobenzene	11.201	156	20826	5.270	ug/l	92
78) n-propylbenzene	11.305	91	92624	4.850	ug/l	100
79) 2-Chlorotoluene	11.366	91	56170	4.796	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	68703	4.976	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	8389	3.975	ug/l	94
82) 4-Chlorotoluene	11.457	91	63216	4.739	ug/l	98
83) tert-Butylbenzene	11.713	119	71561	5.061	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	66973	4.798	ug/l	99
85) sec-Butylbenzene	11.890	105	84887	4.943	ug/l	98
86) p-Isopropyltoluene	12.012	119	70337	4.949	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	37512	5.061	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	38012	5.085	ug/l	93
89) n-Butylbenzene	12.335	91	56953	4.500	ug/l	98
90) Hexachloroethane	12.536	117	13670	4.601	ug/l	80
91) 1,2-Dichlorobenzene	12.335	146	37753	5.206	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.945	75	5424	4.050	ug/l	85
93) 1,2,4-Trichlorobenzene	13.591	180	21773	4.677	ug/l	99
94) Hexachlorobutadiene	13.725	225	8984	4.655	ug/l	97
95) Naphthalene	13.774	128	73835	4.708	ug/l	98
96) 1,2,3-Trichlorobenzene	13.963	180	22317	4.829	ug/l	96

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Quant Title : SW846 8260
QLast Update : Wed Feb 22 02:40:46 2023
Response via : Initial Calibration

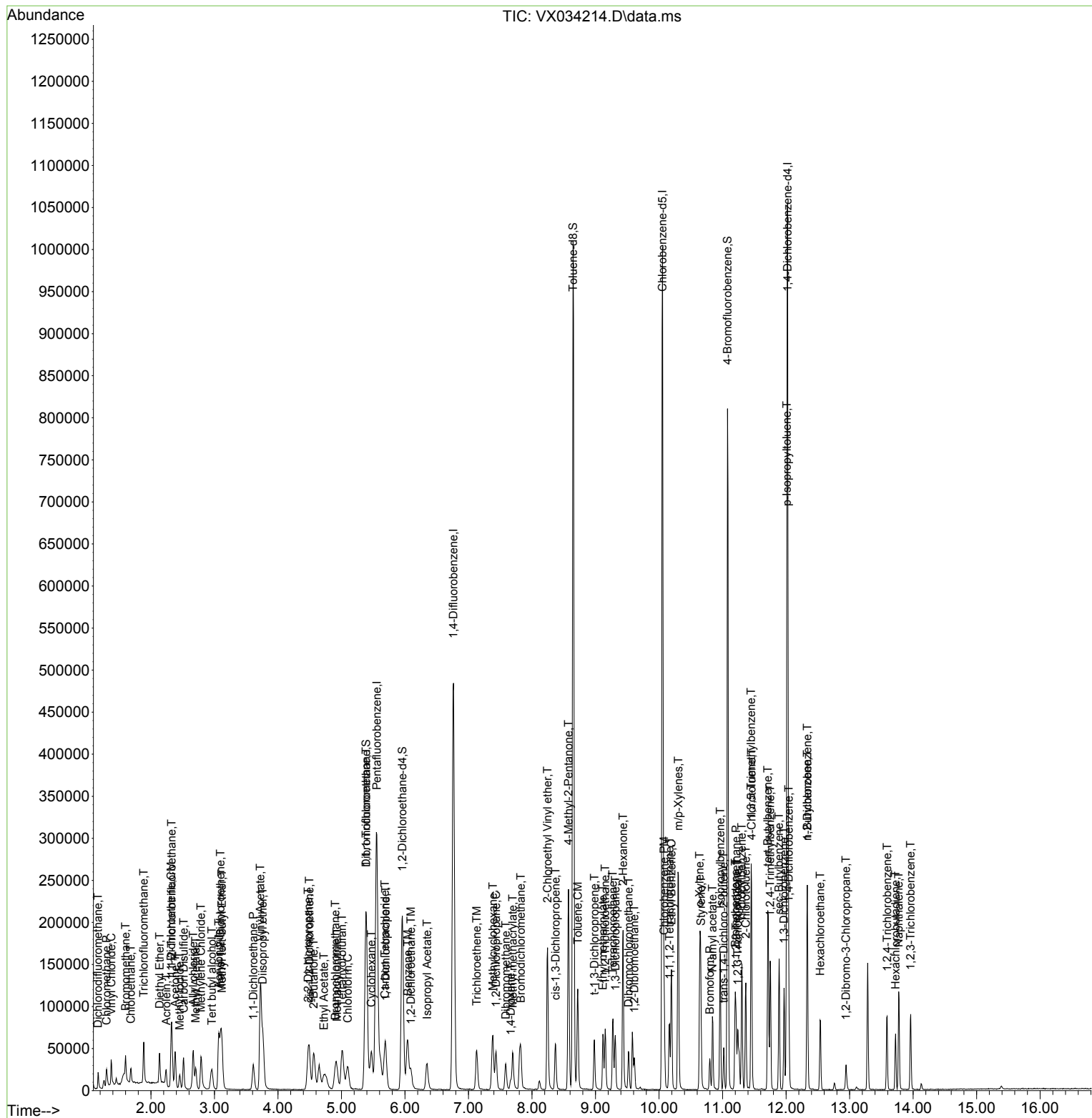
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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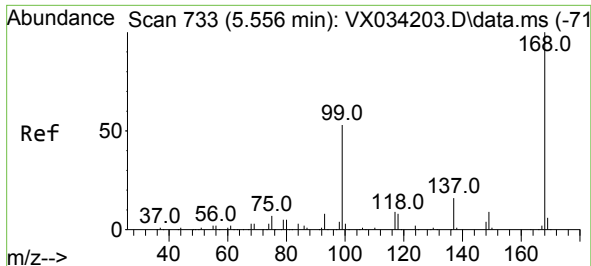
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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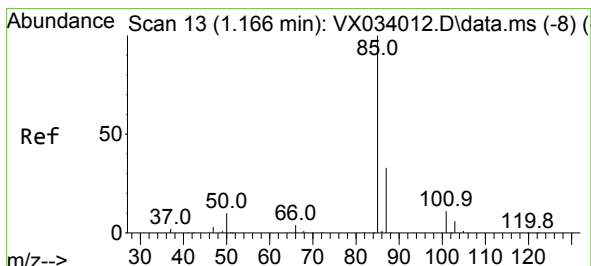
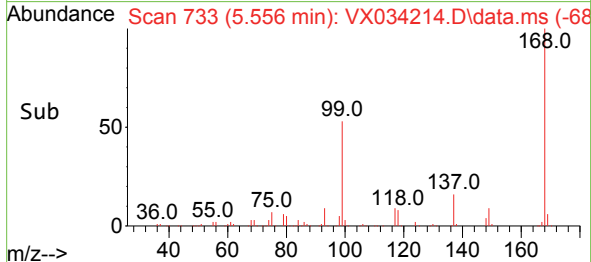
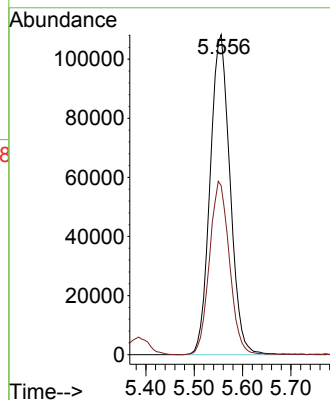
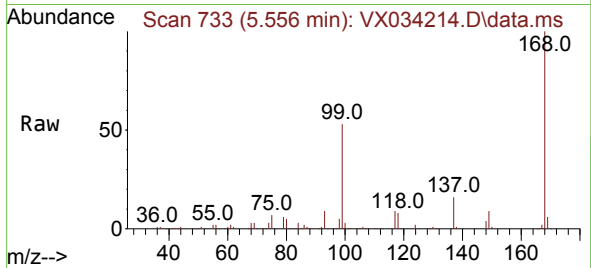




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
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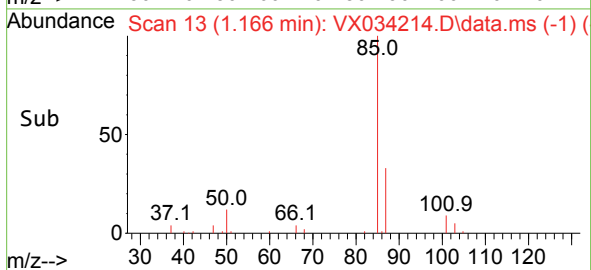
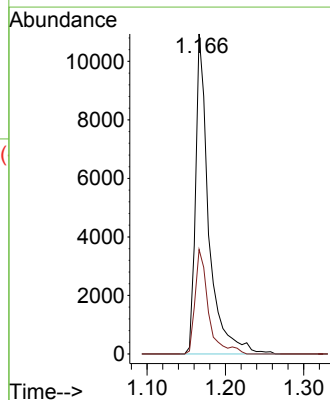
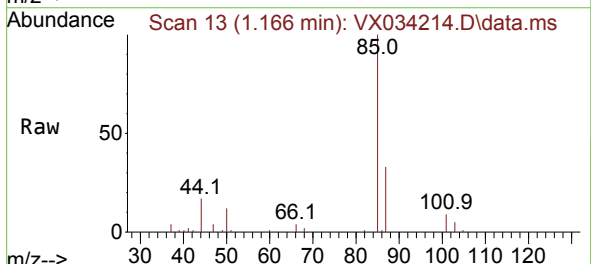
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ClientSampleId :
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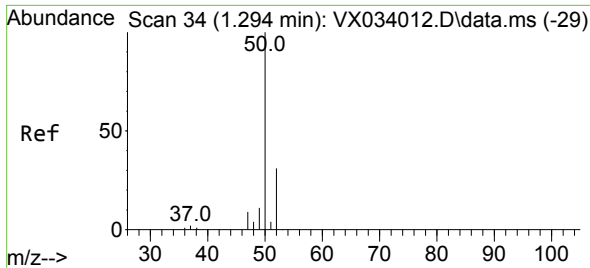
Tgt Ion:168 Resp: 309674
Ion Ratio Lower Upper
168 100
99 52.8 39.6 59.4



#2
Dichlorodifluoromethane
Concen: 4.810 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX034214.D
Acq: 21 Feb 2023 17:04

Tgt Ion: 85 Resp: 12872
Ion Ratio Lower Upper
85 100
87 32.6 15.8 47.4

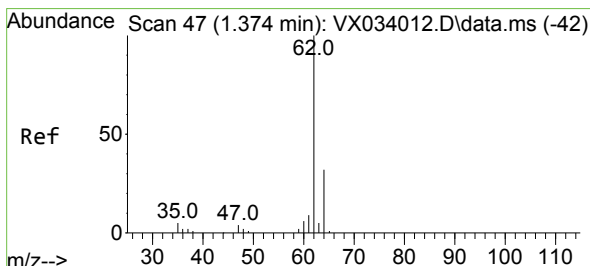
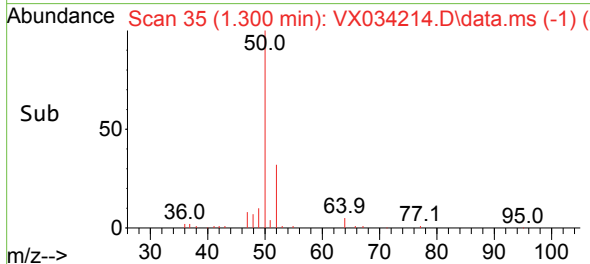
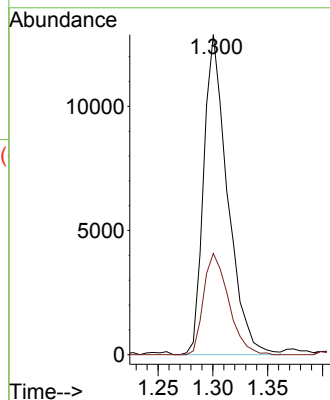
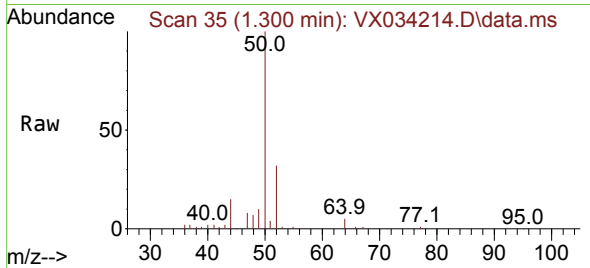




#3
Chloromethane
Concen: 5.081 ug/l
RT: 1.300 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX034214.D
Acq: 21 Feb 2023 17:04

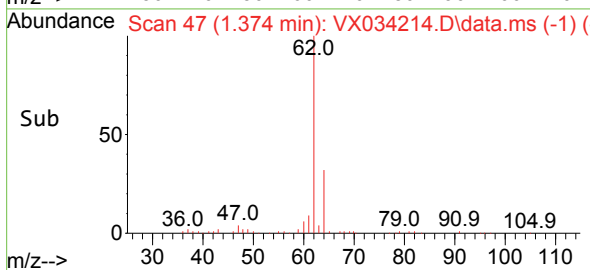
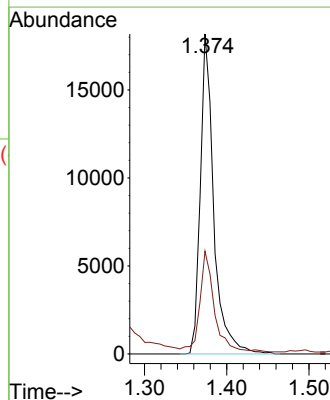
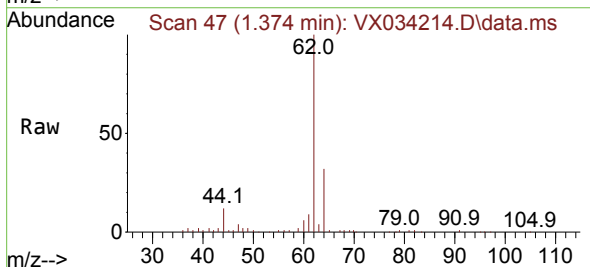
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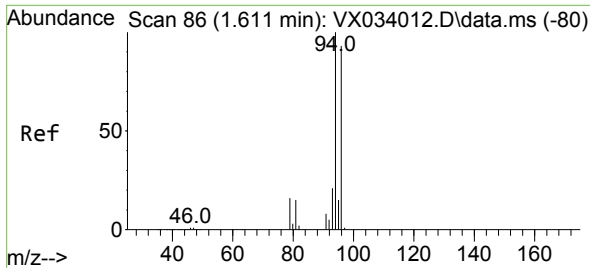
Tgt Ion: 50 Resp: 19564
Ion Ratio Lower Upper
50 100
52 31.6 25.2 37.8



#4
Vinyl Chloride
Concen: 5.884 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX034214.D
Acq: 21 Feb 2023 17:04

Tgt Ion: 62 Resp: 20636
Ion Ratio Lower Upper
62 100
64 31.5 26.2 39.4

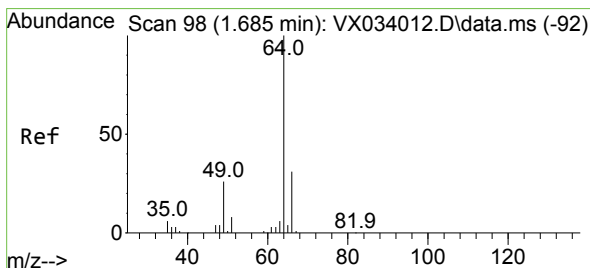
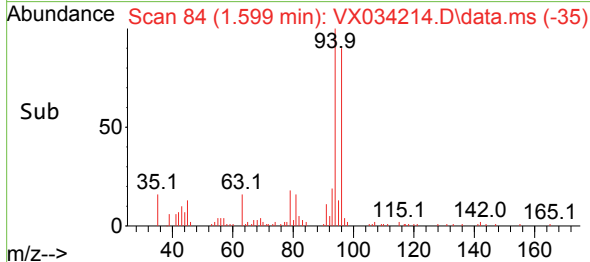
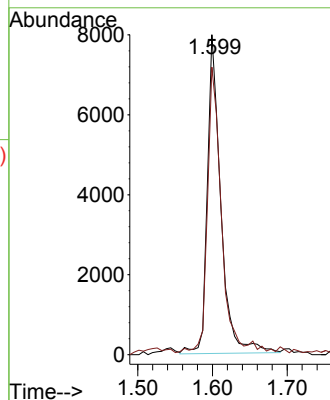
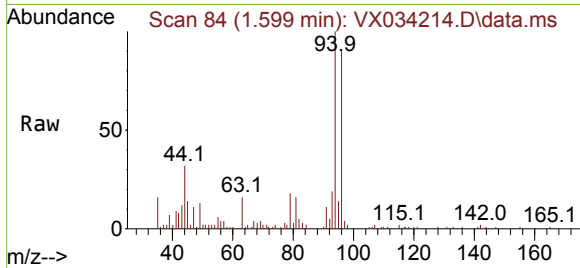




#5
Bromomethane
Concen: 7.208 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX034214.D
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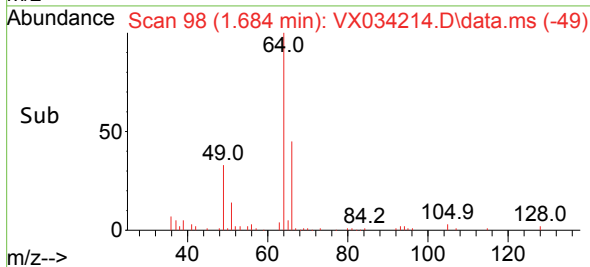
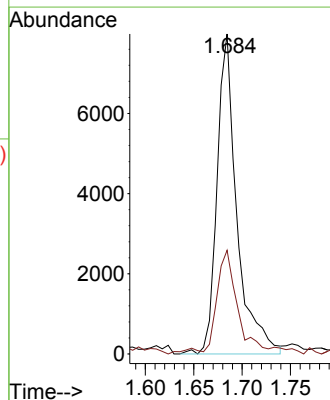
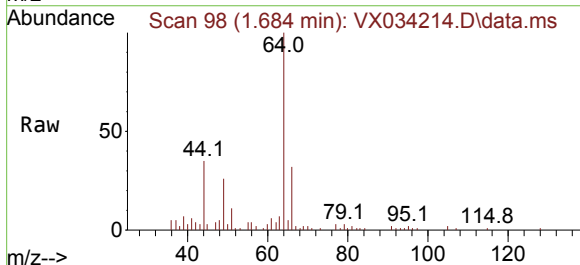
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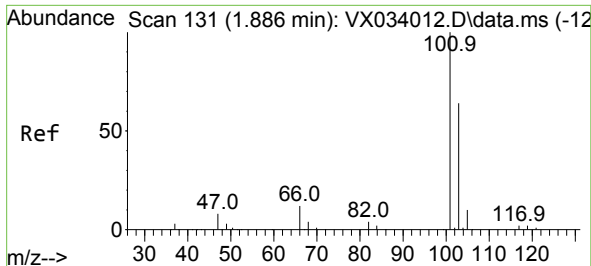
Tgt Ion: 94 Resp: 10031
Ion Ratio Lower Upper
94 100
96 89.5 74.3 111.5



#6
Chloroethane
Concen: 6.448 ug/l
RT: 1.684 min Scan# 98
Delta R.T. 0.000 min
Lab File: VX034214.D
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Tgt Ion: 64 Resp: 11369
Ion Ratio Lower Upper
64 100
66 31.7 26.1 39.1

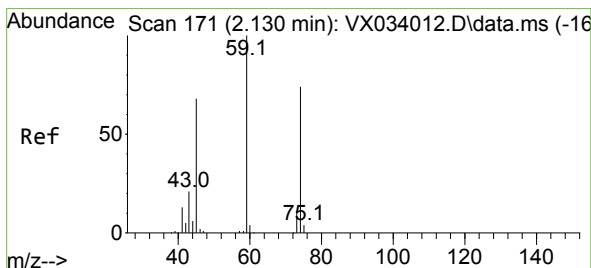
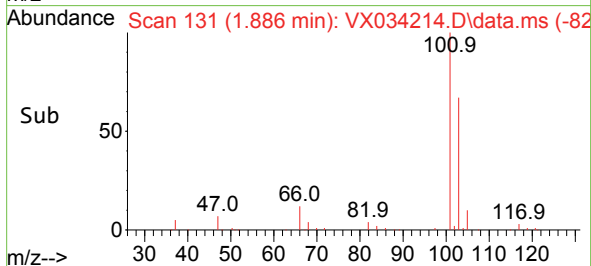
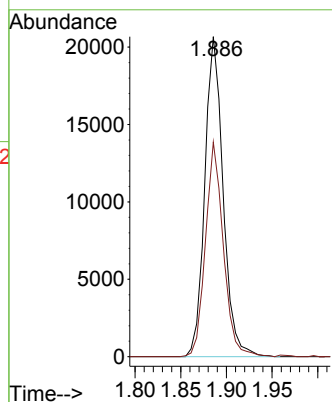
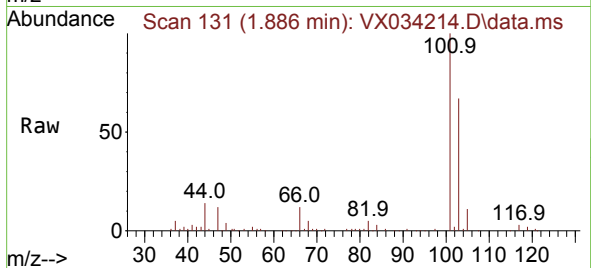




#7
 Trichlorofluoromethane
 Concen: 6.076 ug/l
 RT: 1.886 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX034214.D
 Acq: 21 Feb 2023 17:04

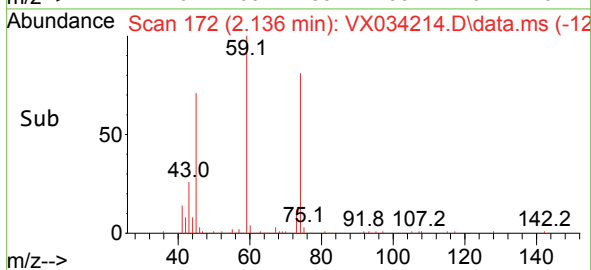
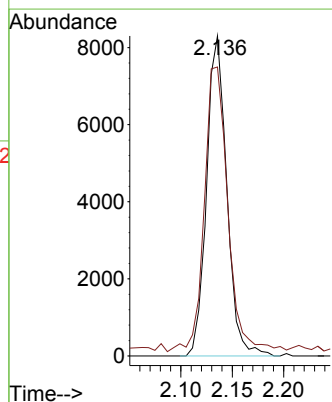
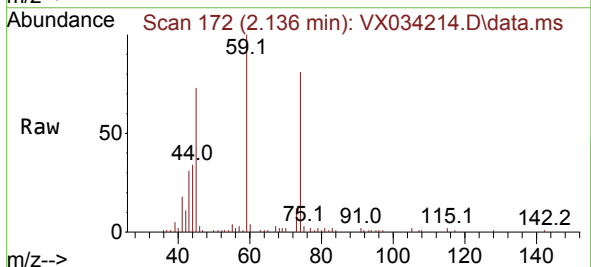
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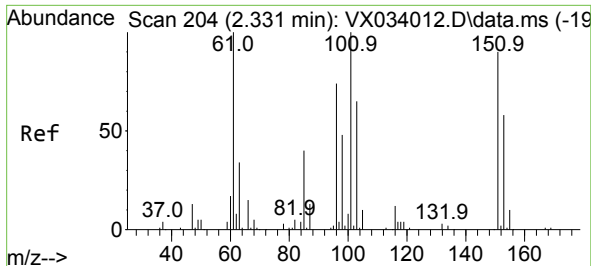
Tgt Ion:101 Resp: 28829
 Ion Ratio Lower Upper
 101 100
 103 67.0 50.6 75.8



#8
 Diethyl Ether
 Concen: 5.941 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. 0.006 min
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Tgt Ion: 74 Resp: 11356
 Ion Ratio Lower Upper
 74 100
 45 103.5 51.5 154.5

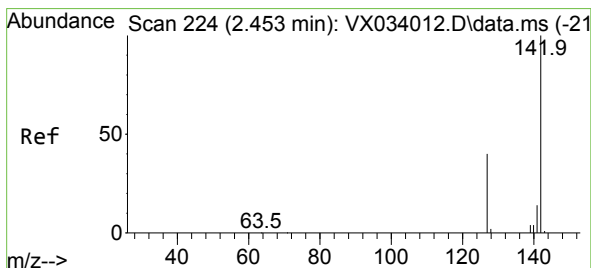
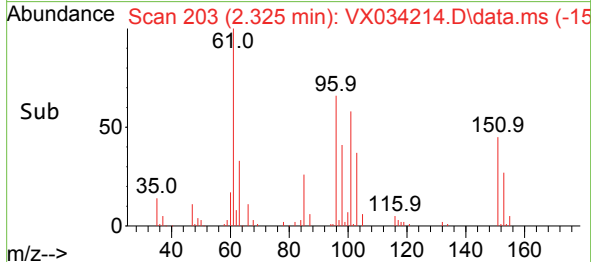
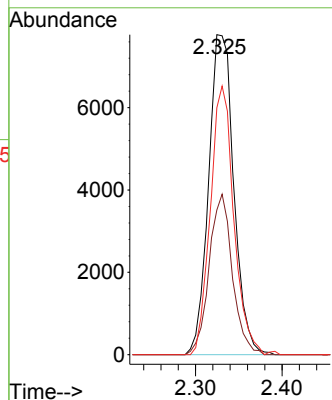
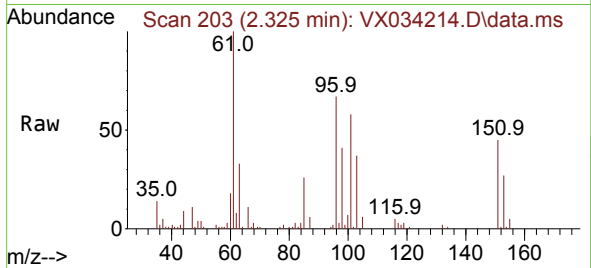




#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.705 ug/l
RT: 2.325 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX034214.D
Acq: 21 Feb 2023 17:04

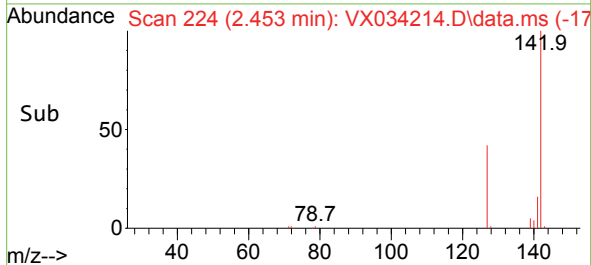
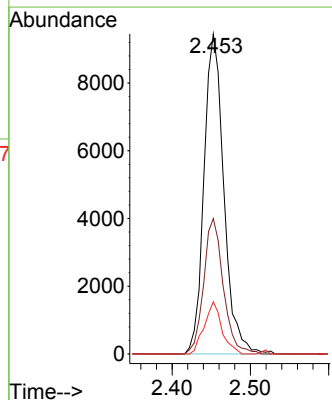
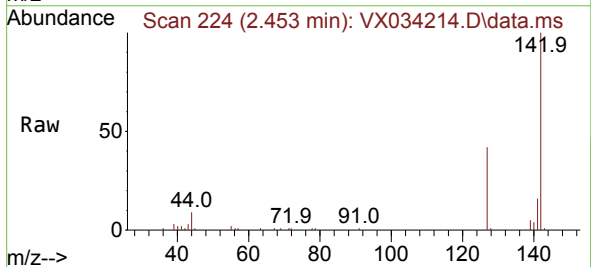
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2023

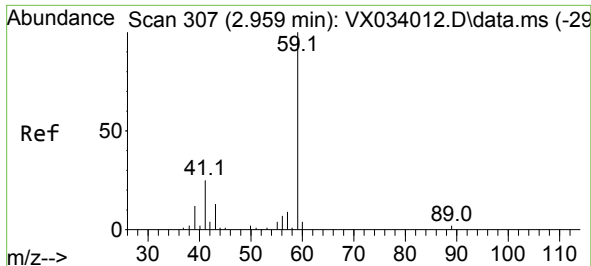
Tgt Ion:101 Resp: 15721
Ion Ratio Lower Upper
101 100
85 46.2 36.7 55.1
151 78.5 66.5 99.7



#10
Methyl Iodide
Concen: 4.088 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX034214.D
Acq: 21 Feb 2023 17:04

Tgt Ion:142 Resp: 16633
Ion Ratio Lower Upper
142 100
127 41.8 37.3 55.9
141 14.5 11.5 17.3

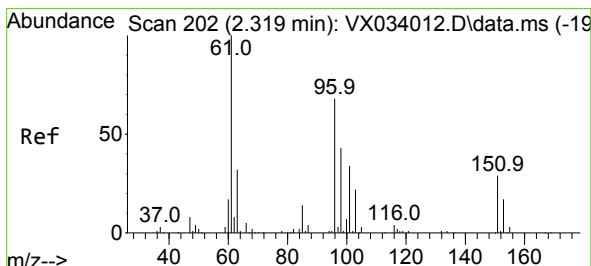
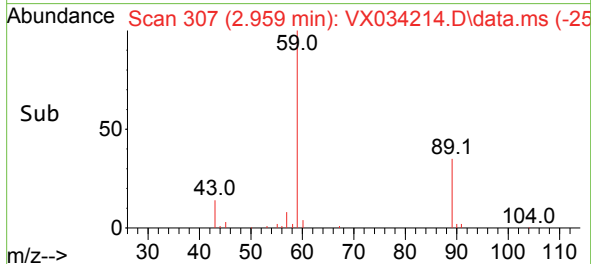
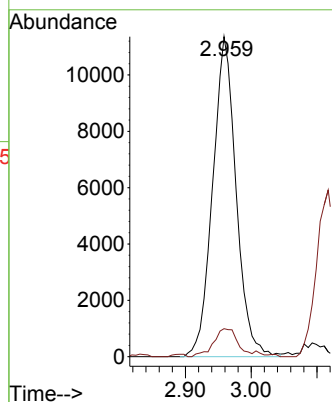
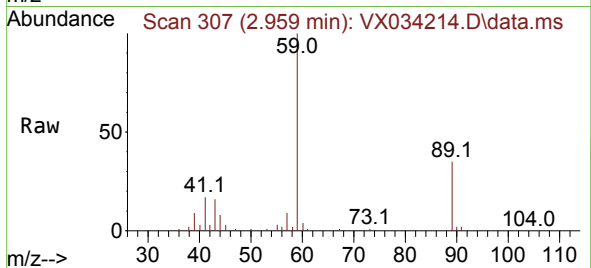




#11
Tert butyl alcohol
Concen: 30.249 ug/l
RT: 2.959 min Scan# 307
Delta R.T. 0.006 min
Lab File: VX034214.D
Acq: 21 Feb 2023 17:04

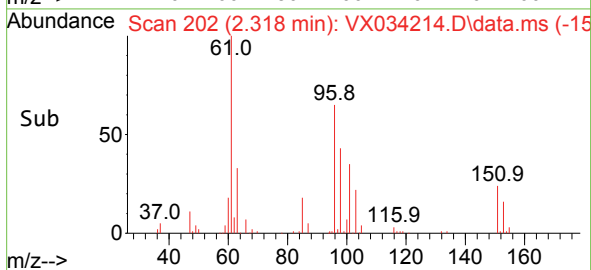
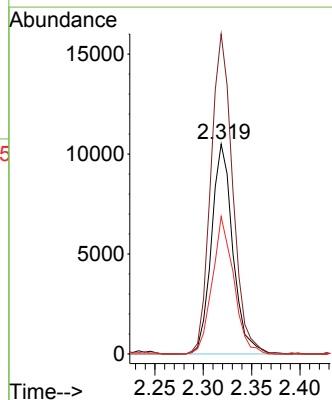
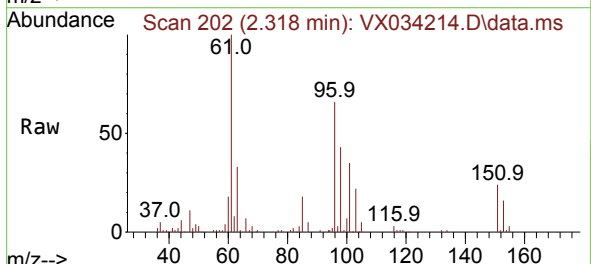
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2023

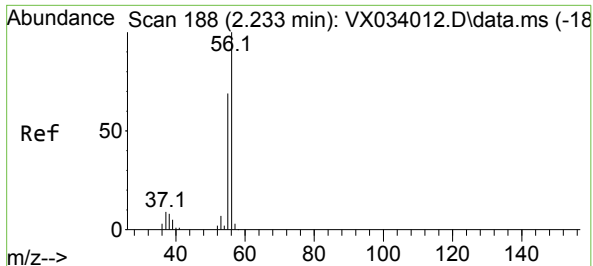
Tgt Ion: 59 Resp: 28216
Ion Ratio Lower Upper
59 100
57 8.9 3.7 5.5#



#12
1,1-Dichloroethene
Concen: 4.816 ug/l
RT: 2.318 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX034214.D
Acq: 21 Feb 2023 17:04

Tgt Ion: 96 Resp: 16130
Ion Ratio Lower Upper
96 100
61 152.4 134.2 201.4
98 65.5 50.2 75.2





#13

Acrolein

Concen: 26.592 ug/l

RT: 2.239 min Scan# 188

Delta R.T. 0.006 min

Lab File: VX034214.D

Acq: 21 Feb 2023 17:04

Instrument :

MSVOA_X

ClientSampleId :

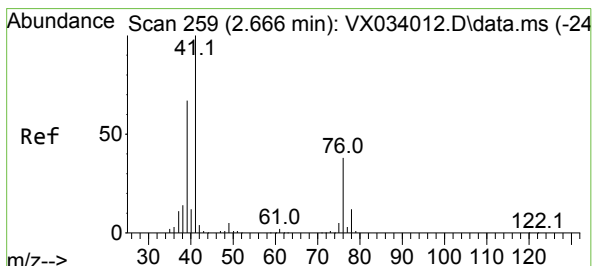
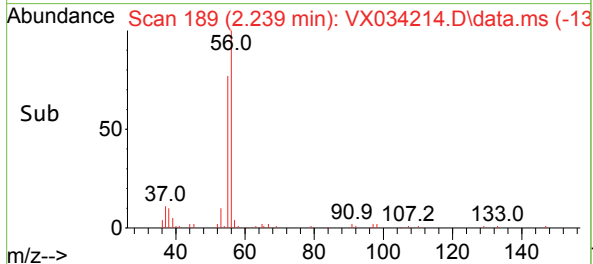
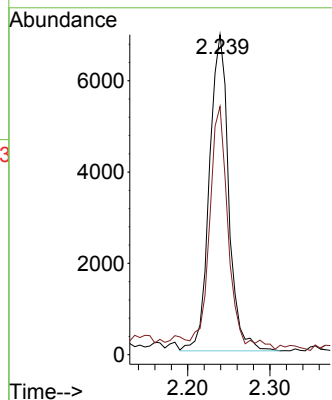
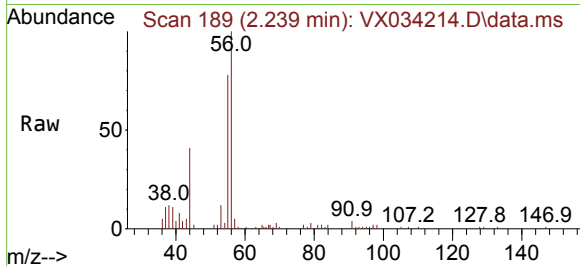
LOQ-WATER-02-QT1-2023

Tgt Ion: 56 Resp: 11323

Ion Ratio Lower Upper

56 100

55 74.3 56.3 84.5



#14

Allyl chloride

Concen: 4.421 ug/l

RT: 2.666 min Scan# 259

Delta R.T. 0.006 min

Lab File: VX034214.D

Acq: 21 Feb 2023 17:04

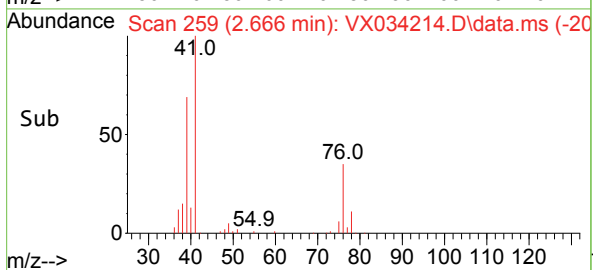
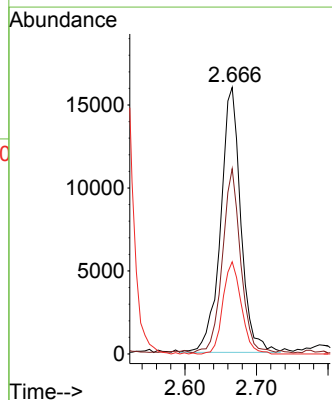
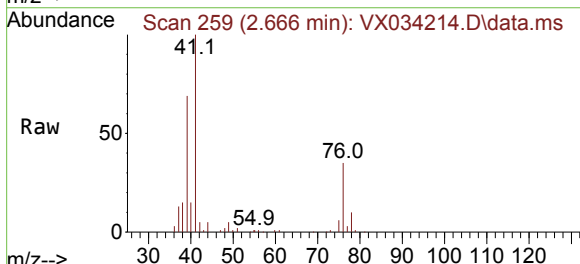
Tgt Ion: 41 Resp: 31410

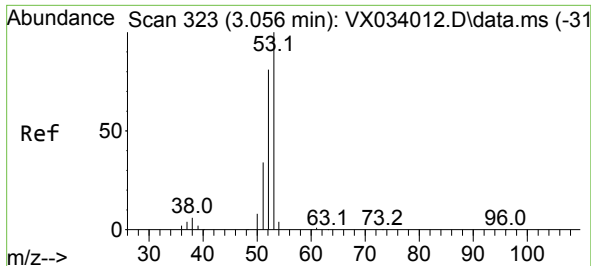
Ion Ratio Lower Upper

41 100

39 62.4 59.0 88.4

76 31.6 24.6 37.0

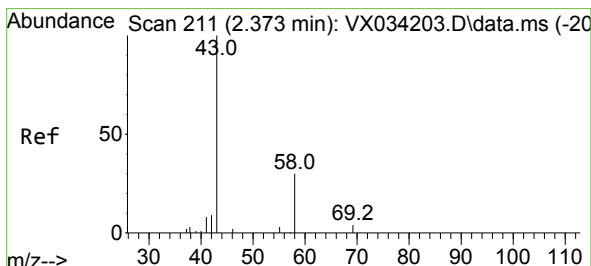
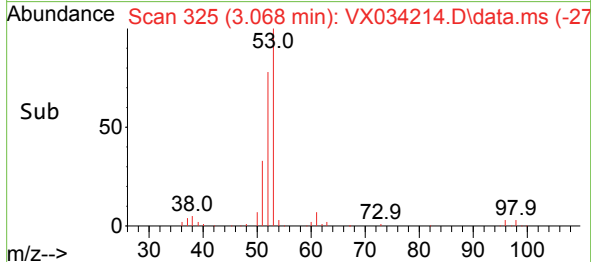
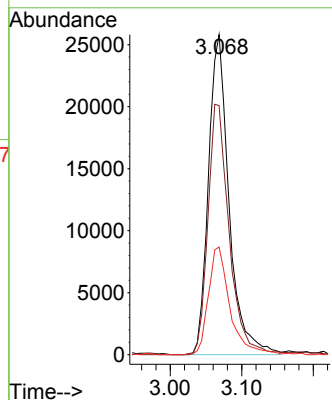
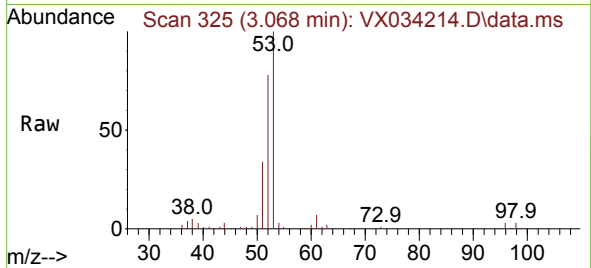




#15
Acrylonitrile
Concen: 25.354 ug/l
RT: 3.068 min Scan# 31
Delta R.T. 0.012 min
Lab File: VX034214.D
Acq: 21 Feb 2023 17:04

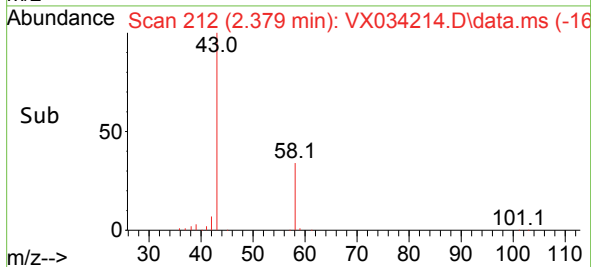
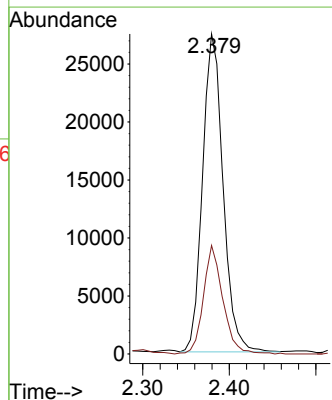
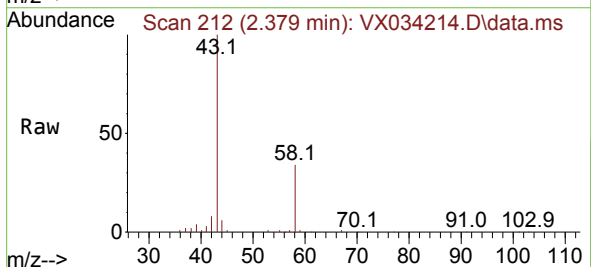
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2023

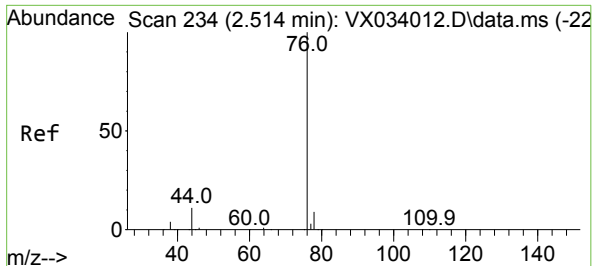
Tgt Ion: 53 Resp: 51594
Ion Ratio Lower Upper
53 100
52 80.7 65.7 98.5
51 35.2 29.0 43.4



#16
Acetone
Concen: 20.966 ug/l
RT: 2.379 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX034214.D
Acq: 21 Feb 2023 17:04

Tgt Ion: 43 Resp: 45106
Ion Ratio Lower Upper
43 100
58 33.9 22.6 33.8#

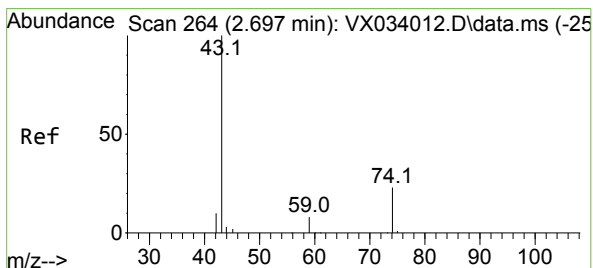
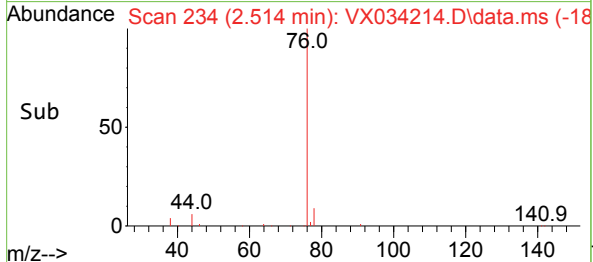
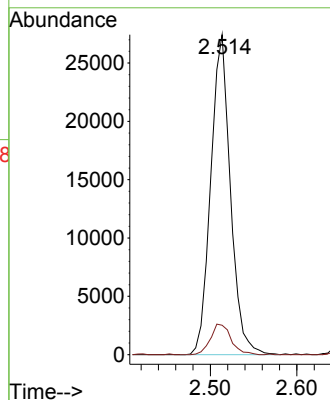
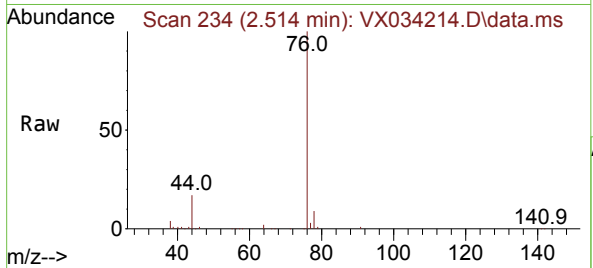




#17
Carbon Disulfide
Concen: 4.498 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX034214.D
Acq: 21 Feb 2023 17:04

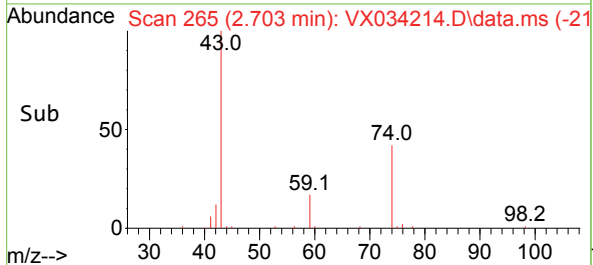
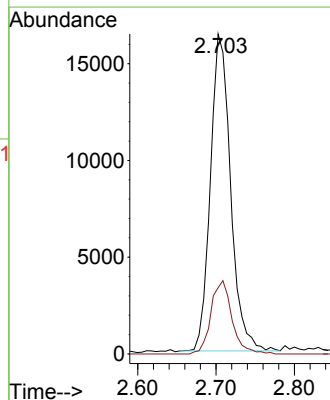
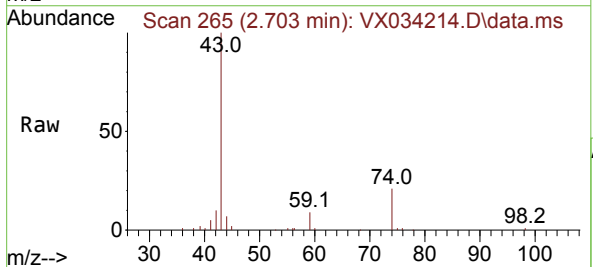
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2023

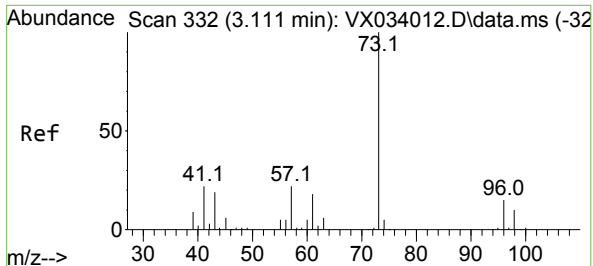
Tgt Ion: 76 Resp: 43314
Ion Ratio Lower Upper
76 100
78 9.2 7.0 10.6



#18
Methyl Acetate
Concen: 4.414 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.006 min
Lab File: VX034214.D
Acq: 21 Feb 2023 17:04

Tgt Ion: 43 Resp: 29387
Ion Ratio Lower Upper
43 100
74 24.1 18.2 27.4

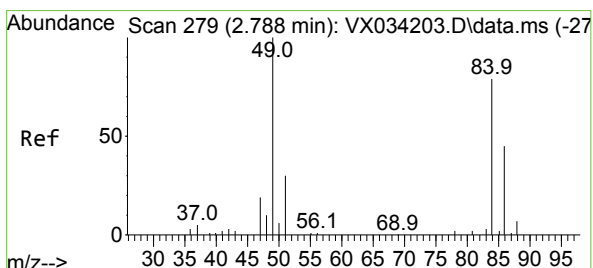
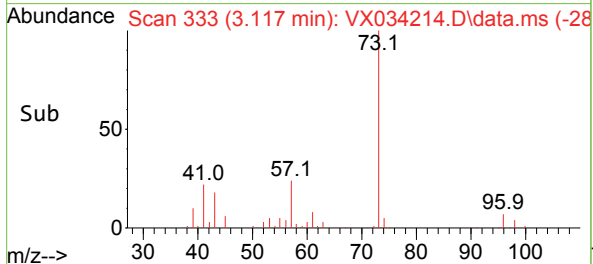
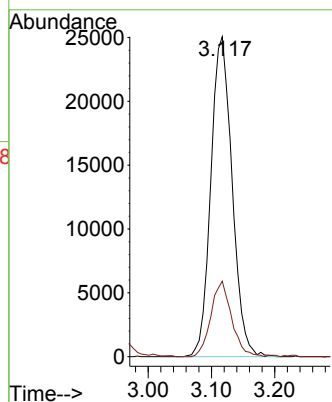
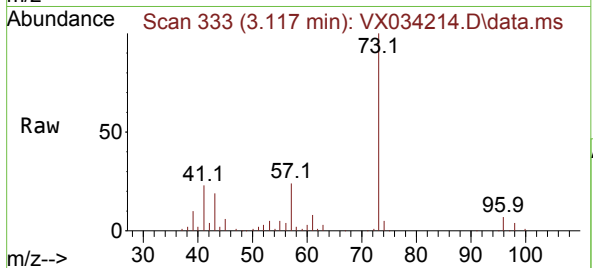




#19
Methyl tert-butyl Ether
Concen: 4.946 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX034214.D
Acq: 21 Feb 2023 17:04

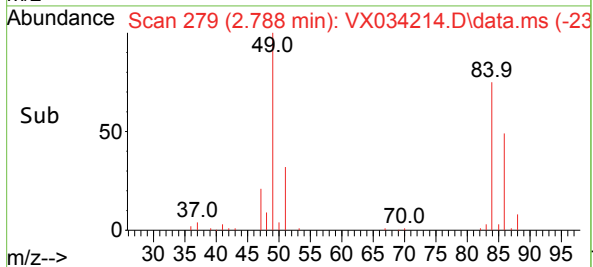
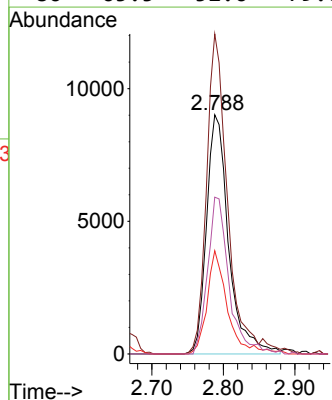
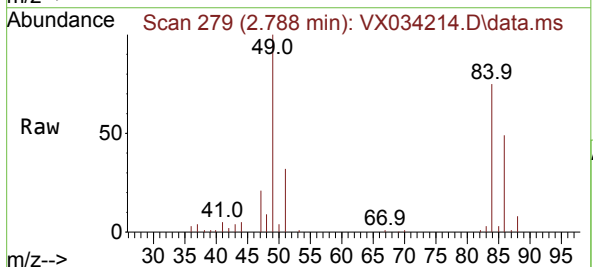
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2023

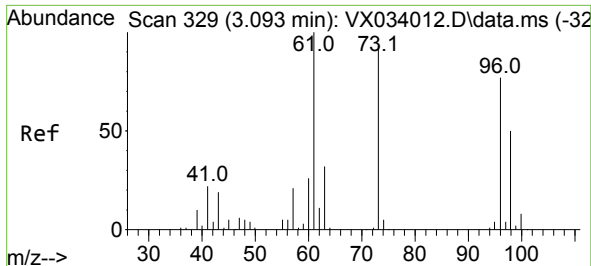
Tgt Ion: 73 Resp: 58473
Ion Ratio Lower Upper
73 100
57 23.6 17.4 26.0



#20
Methylene Chloride
Concen: 5.009 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX034214.D
Acq: 21 Feb 2023 17:04

Tgt Ion: 84 Resp: 19418
Ion Ratio Lower Upper
84 100
49 133.8 101.1 151.7
51 43.1 31.0 46.6
86 65.5 52.6 79.0

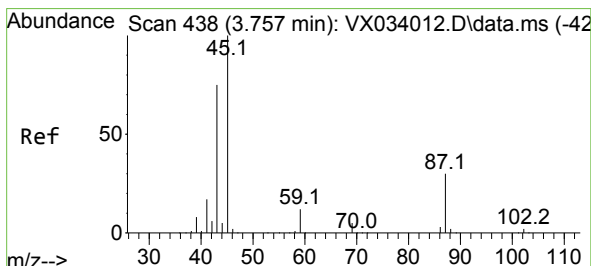
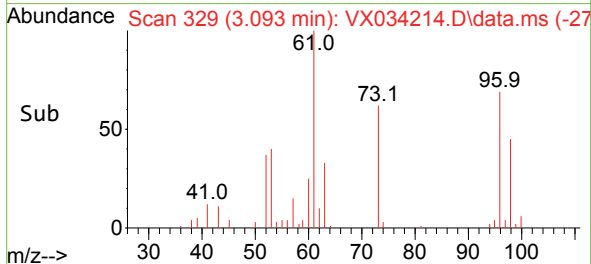
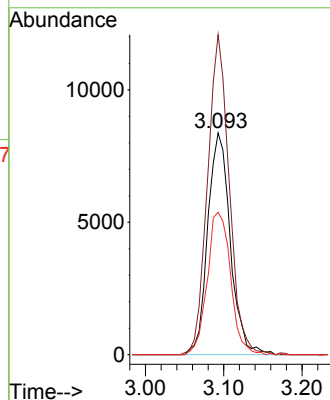
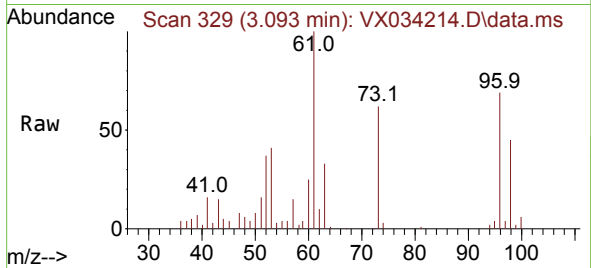




#21
trans-1,2-Dichloroethene
Concen: 4.772 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX034214.D
Acq: 21 Feb 2023 17:04

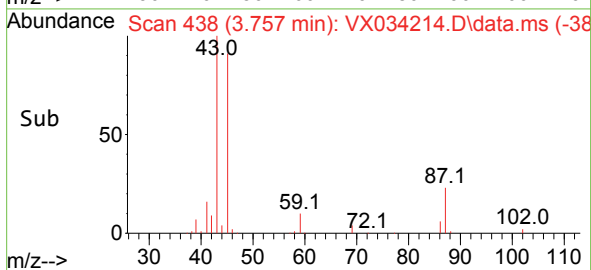
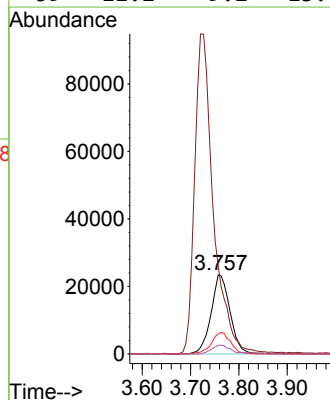
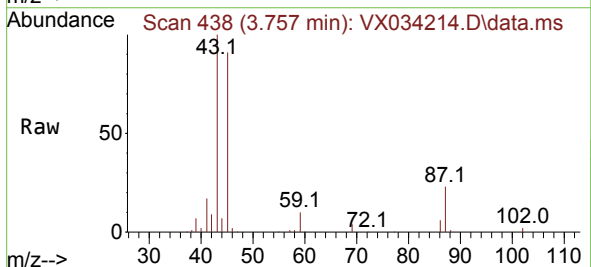
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2023

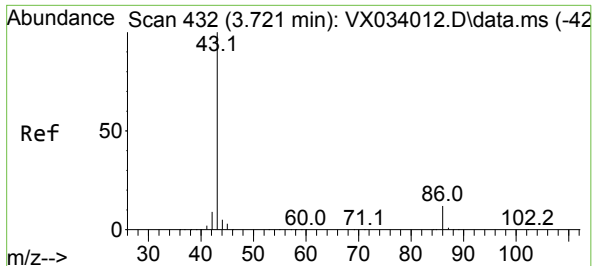
Tgt Ion: 96 Resp: 16750
Ion Ratio Lower Upper
96 100
61 144.3 106.7 160.1
98 64.2 50.0 75.0



#22
Diisopropyl ether
Concen: 5.131 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX034214.D
Acq: 21 Feb 2023 17:04

Tgt Ion: 45 Resp: 63918
Ion Ratio Lower Upper
45 100
43 109.4 64.6 97.0#
87 25.2 21.9 32.9
59 11.2 9.2 13.8

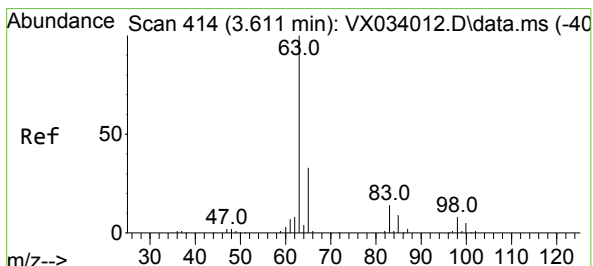
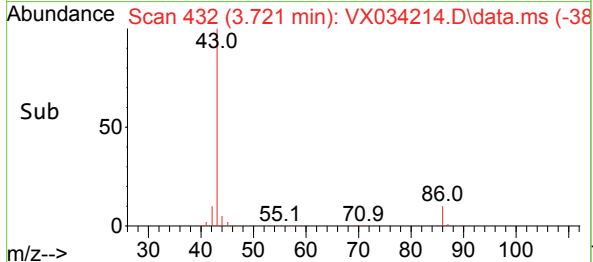
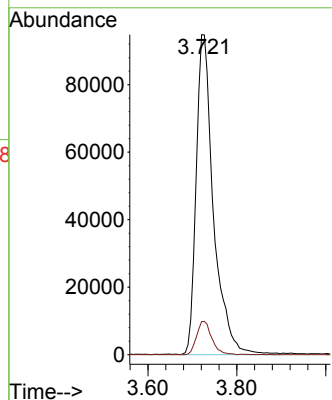
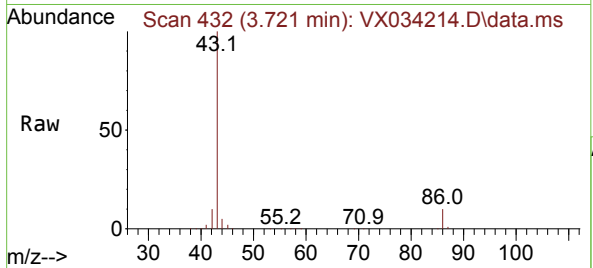




#23
 Vinyl Acetate
 Concen: 25.746 ug/l
 RT: 3.721 min Scan# 414
 Delta R.T. 0.006 min
 Lab File: VX034214.D
 Acq: 21 Feb 2023 17:04

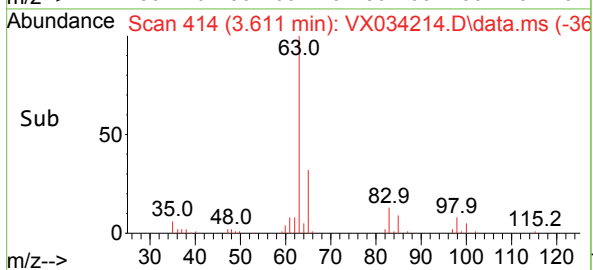
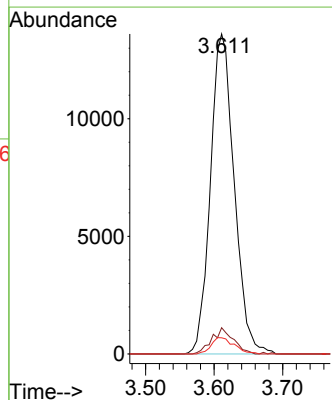
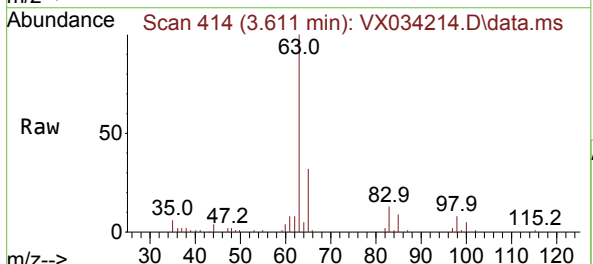
Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT1-2023

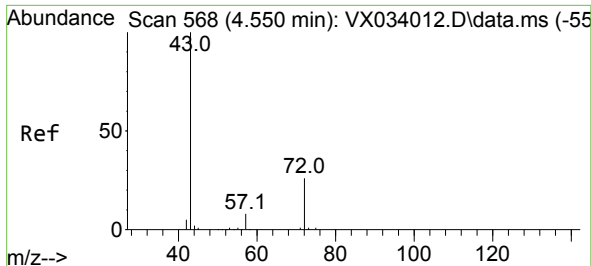
Tgt Ion: 43 Resp: 256933
 Ion Ratio Lower Upper
 43 100
 86 10.4 8.4 12.6



#24
 1,1-Dichloroethane
 Concen: 4.800 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.006 min
 Lab File: VX034214.D
 Acq: 21 Feb 2023 17:04

Tgt Ion: 63 Resp: 32821
 Ion Ratio Lower Upper
 63 100
 98 8.2 3.8 11.2
 100 5.0 2.4 7.2

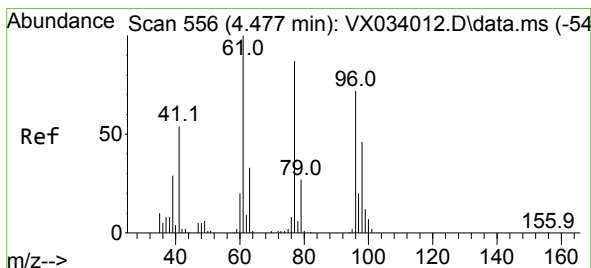
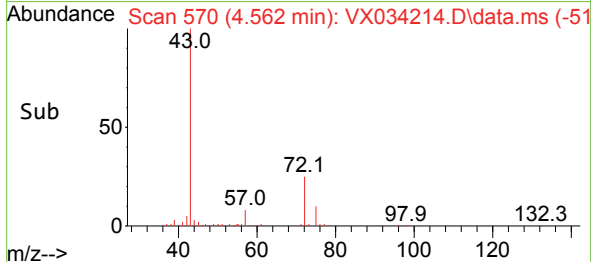
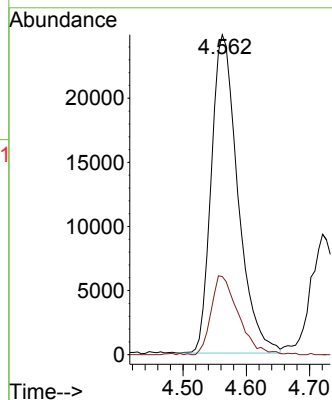
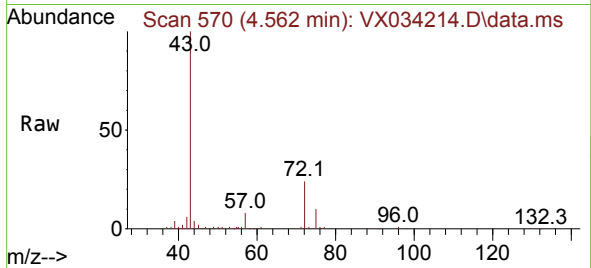




#25
2-Butanone
Concen: 23.269 ug/l
RT: 4.562 min Scan# 51
Delta R.T. 0.018 min
Lab File: VX034214.D
Acq: 21 Feb 2023 17:04

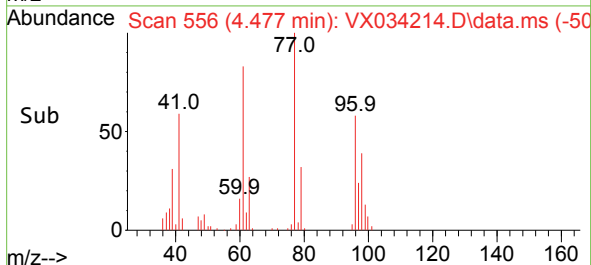
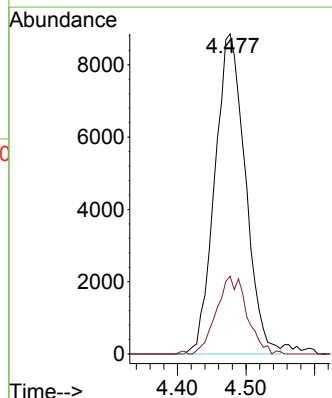
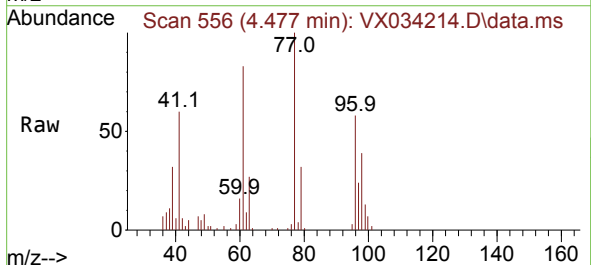
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2023

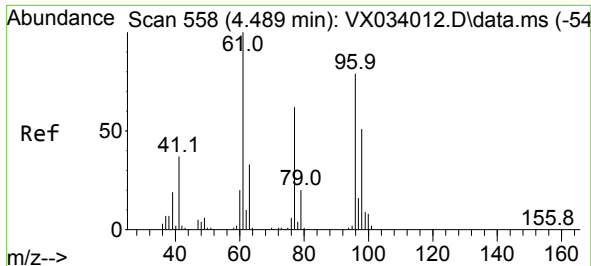
Tgt Ion: 43 Resp: 72435
Ion Ratio Lower Upper
43 100
72 24.2 19.4 29.2



#26
2,2-Dichloropropane
Concen: 4.409 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.006 min
Lab File: VX034214.D
Acq: 21 Feb 2023 17:04

Tgt Ion: 77 Resp: 27312
Ion Ratio Lower Upper
77 100
97 24.3 11.9 35.5





#27

cis-1,2-Dichloroethene

Concen: 4.945 ug/l

RT: 4.495 min Scan# 51

Delta R.T. 0.012 min

Lab File: VX034214.D

Acq: 21 Feb 2023 17:04

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2023

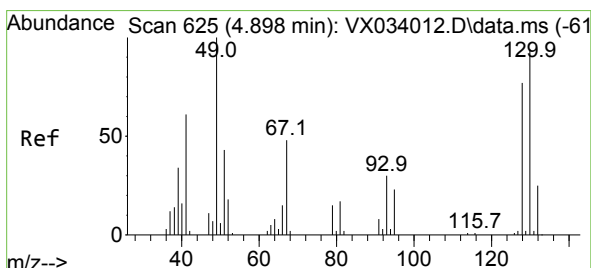
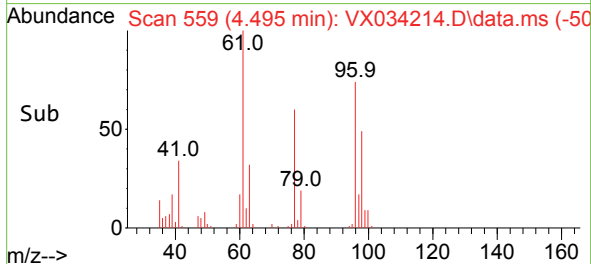
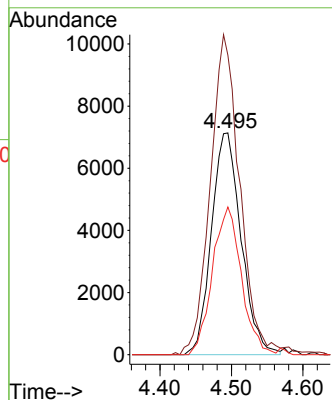
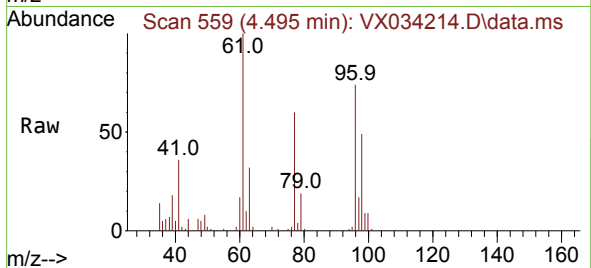
Tgt Ion: 96 Resp: 20554

Ion Ratio Lower Upper

96 100

61 145.4 0.0 277.6

98 65.0 0.0 128.0



#28

Bromochloromethane

Concen: 4.975 ug/l

RT: 4.903 min Scan# 626

Delta R.T. 0.012 min

Lab File: VX034214.D

Acq: 21 Feb 2023 17:04

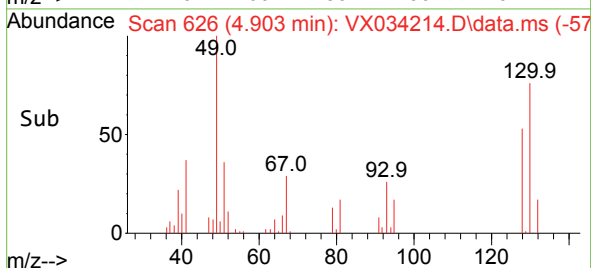
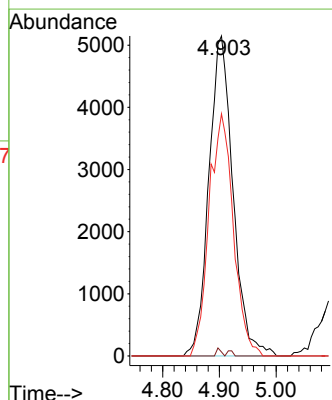
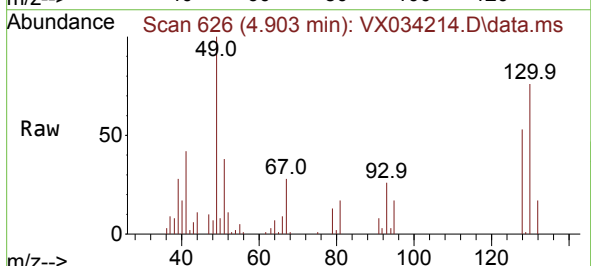
Tgt Ion: 49 Resp: 15175

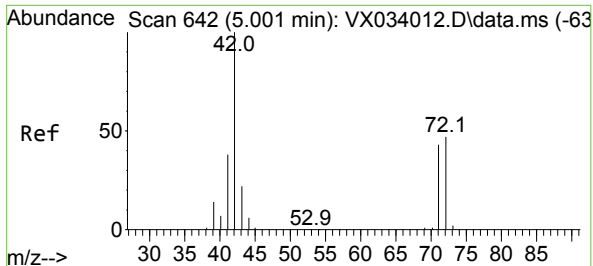
Ion Ratio Lower Upper

49 100

129 0.5 0.0 4.6

130 76.3 68.5 102.7





#29

Tetrahydrofuran

Concen: 25.000 ug/l

RT: 5.007 min Scan# 64

Delta R.T. 0.012 min

Lab File: VX034214.D

Acq: 21 Feb 2023 17:04

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2023

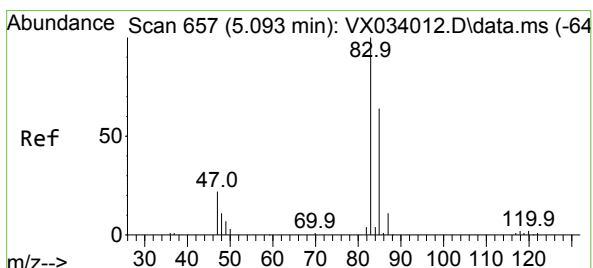
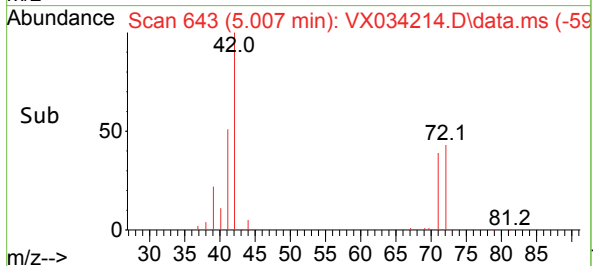
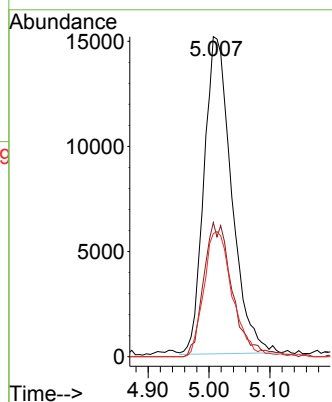
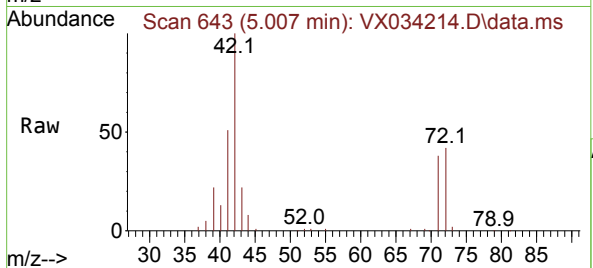
Tgt Ion: 42 Resp: 47474

Ion Ratio Lower Upper

42 100

72 44.2 34.8 52.2

71 41.1 32.2 48.2



#30

Chloroform

Concen: 4.896 ug/l

RT: 5.098 min Scan# 658

Delta R.T. 0.006 min

Lab File: VX034214.D

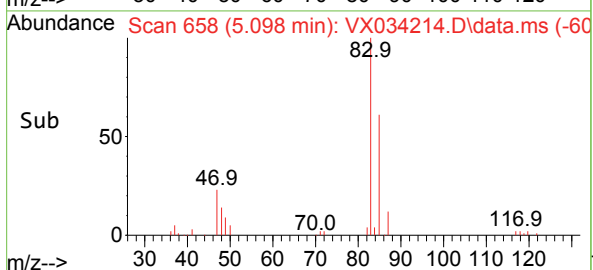
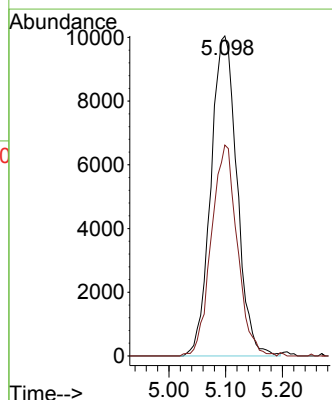
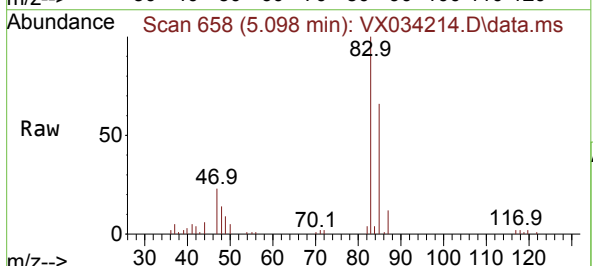
Acq: 21 Feb 2023 17:04

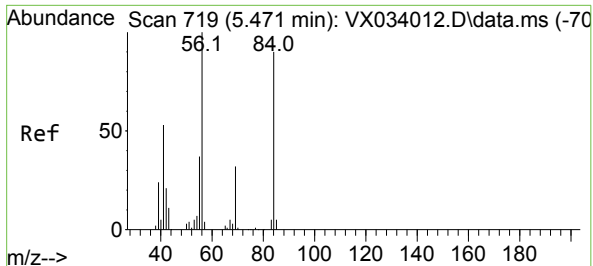
Tgt Ion: 83 Resp: 32146

Ion Ratio Lower Upper

83 100

85 65.9 52.1 78.1

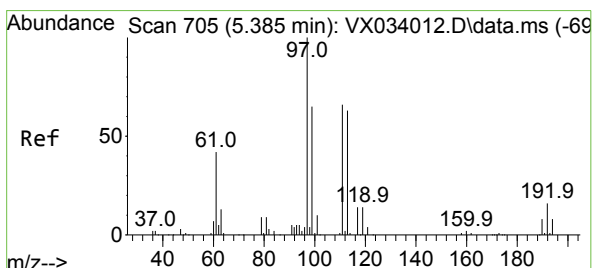
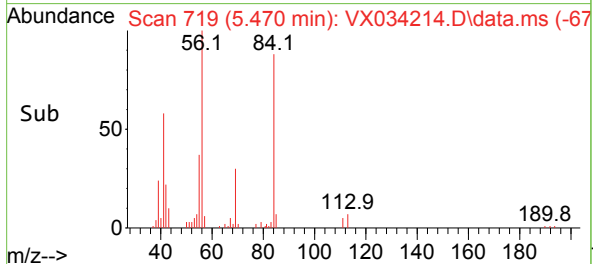
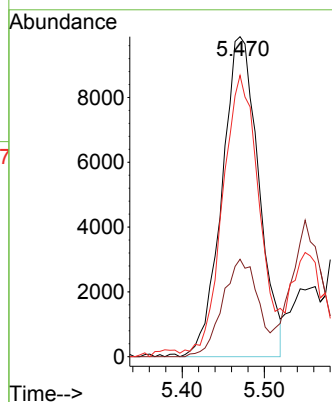
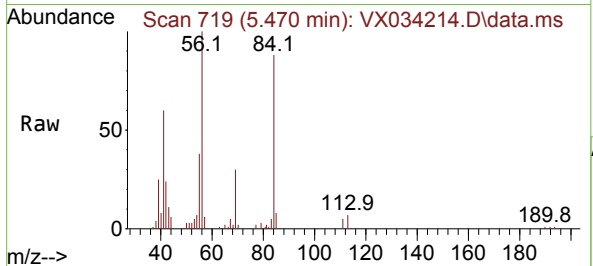




#31
Cyclohexane
Concen: 4.924 ug/l
RT: 5.470 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX034214.D
Acq: 21 Feb 2023 17:04

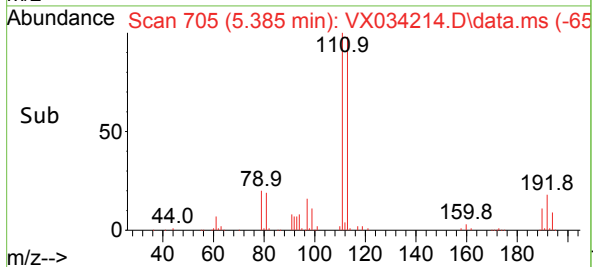
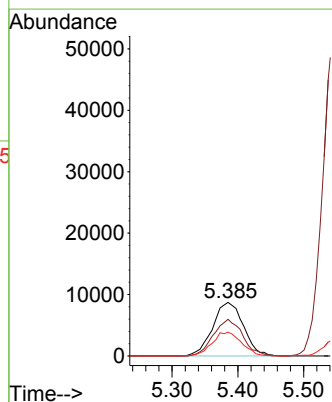
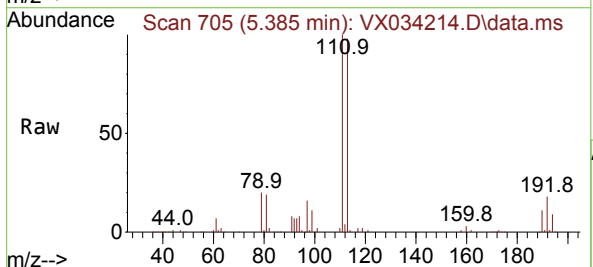
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2023

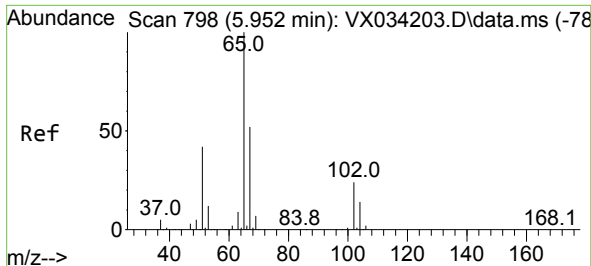
Tgt Ion: 56 Resp: 30662
Ion Ratio Lower Upper
56 100
69 30.5 24.6 37.0
84 86.8 71.0 106.6



#32
1,1,1-Trichloroethane
Concen: 4.803 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX034214.D
Acq: 21 Feb 2023 17:04

Tgt Ion: 97 Resp: 28270
Ion Ratio Lower Upper
97 100
99 65.1 52.3 78.5
61 42.7 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 45.262 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX034214.D

Acq: 21 Feb 2023 17:04

Instrument :

MSVOA_X

ClientSampleId :

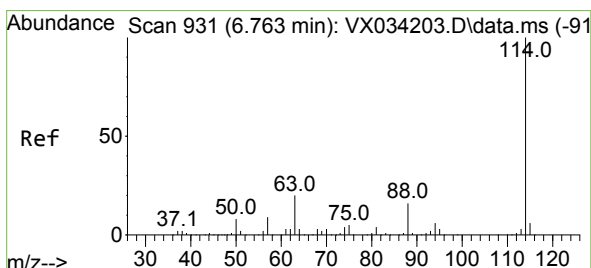
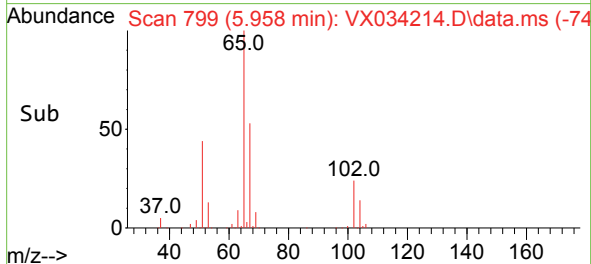
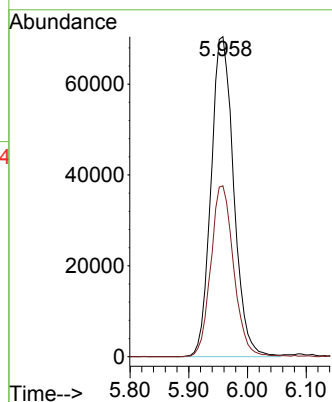
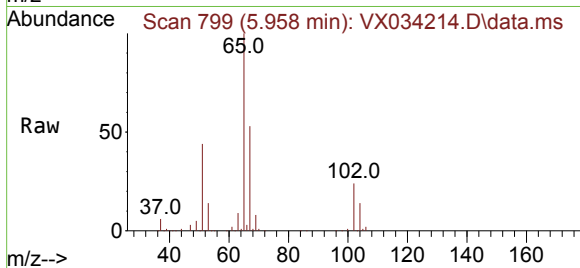
LOQ-WATER-02-QT1-2023

Tgt Ion: 65 Resp: 188770

Ion Ratio Lower Upper

65 100

67 53.9 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.006 min

Lab File: VX034214.D

Acq: 21 Feb 2023 17:04

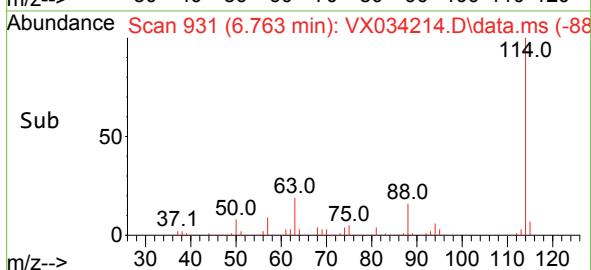
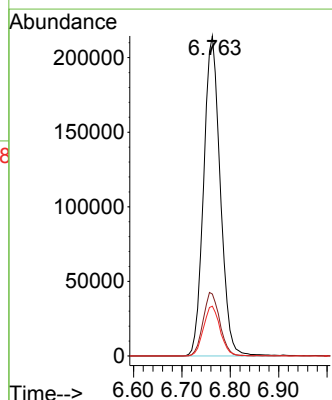
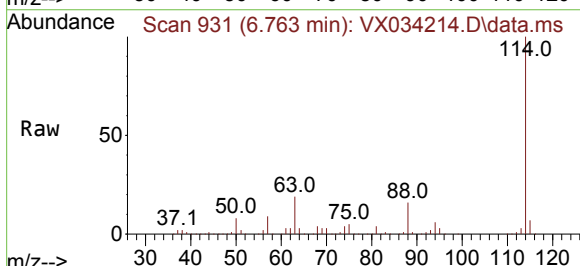
Tgt Ion: 114 Resp: 512487

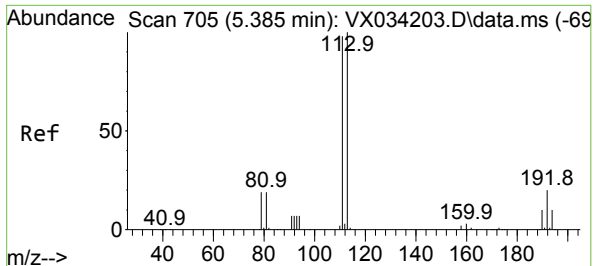
Ion Ratio Lower Upper

114 100

63 19.3 0.0 37.4

88 15.6 0.0 30.6

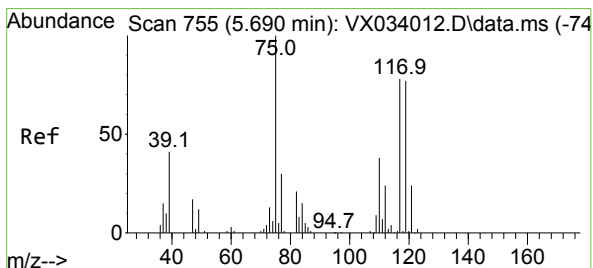
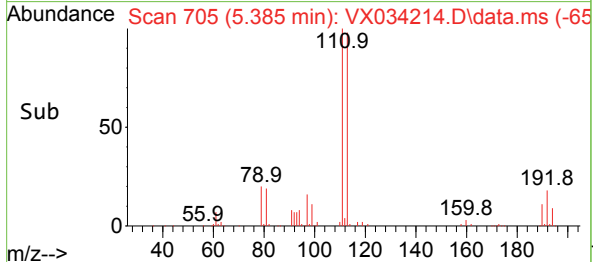
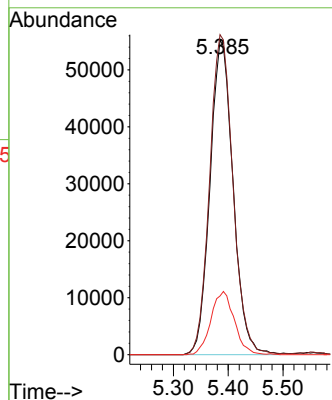
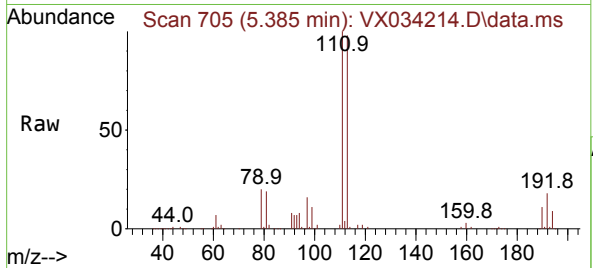




#35
Dibromofluoromethane
Concen: 48.309 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX034214.D
Acq: 21 Feb 2023 17:04

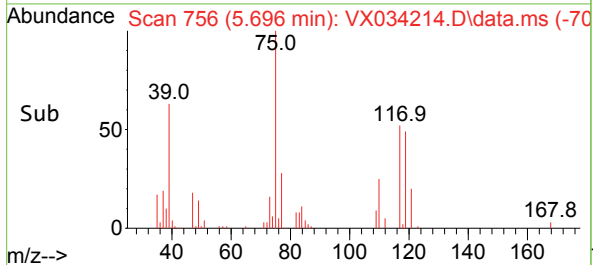
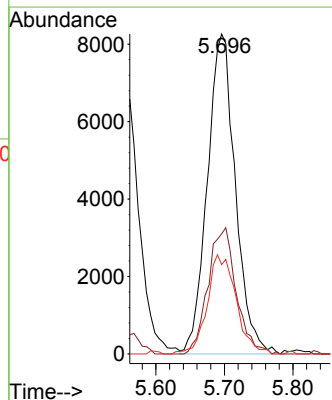
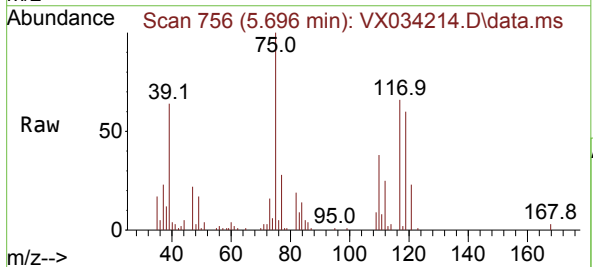
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2023

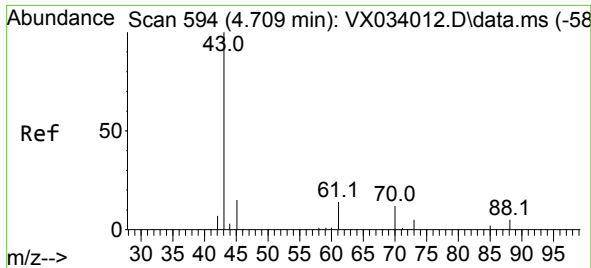
Tgt Ion:113 Resp: 161197
Ion Ratio Lower Upper
113 100
111 103.1 83.0 124.6
192 20.4 19.0 28.4



#36
1,1-Dichloropropene
Concen: 4.766 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.006 min
Lab File: VX034214.D
Acq: 21 Feb 2023 17:04

Tgt Ion: 75 Resp: 23520
Ion Ratio Lower Upper
75 100
110 39.7 18.8 56.4
77 31.8 25.1 37.7





#37

Ethyl Acetate

Concen: 5.047 ug/l

RT: 4.721 min Scan# 596

Delta R.T. 0.012 min

Lab File: VX034214.D

Acq: 21 Feb 2023 17:04

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2023

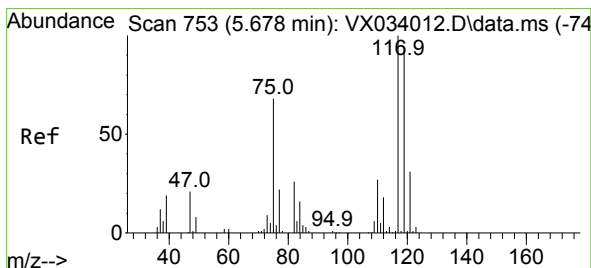
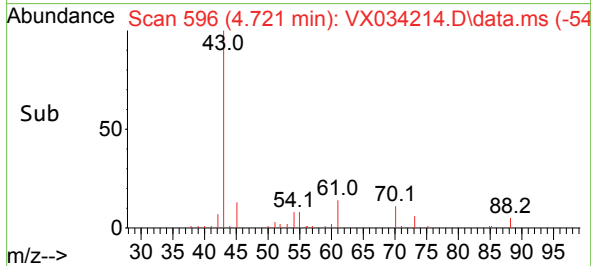
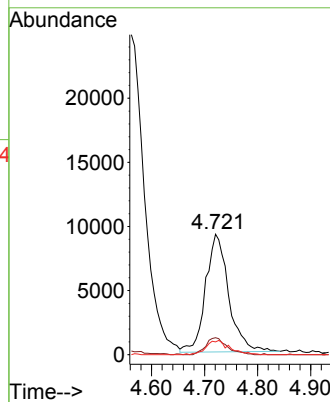
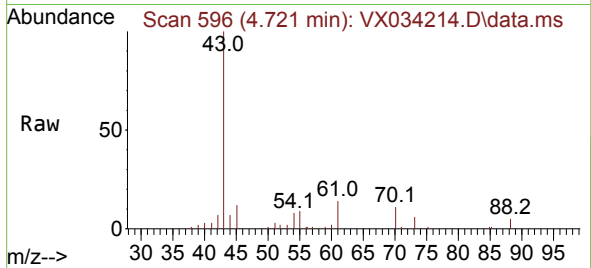
Tgt Ion: 43 Resp: 27832

Ion Ratio Lower Upper

43 100

61 13.2 11.1 16.7

70 12.3 8.5 12.7



#38

Carbon Tetrachloride

Concen: 4.864 ug/l

RT: 5.684 min Scan# 754

Delta R.T. 0.012 min

Lab File: VX034214.D

Acq: 21 Feb 2023 17:04

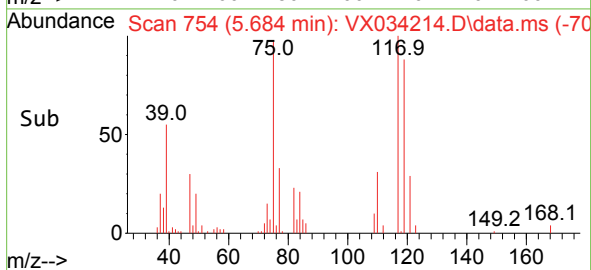
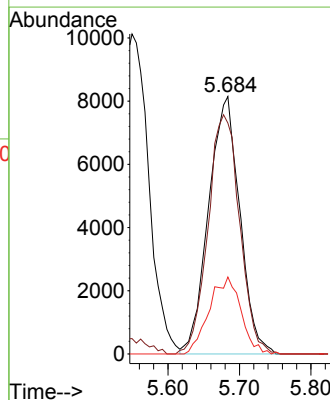
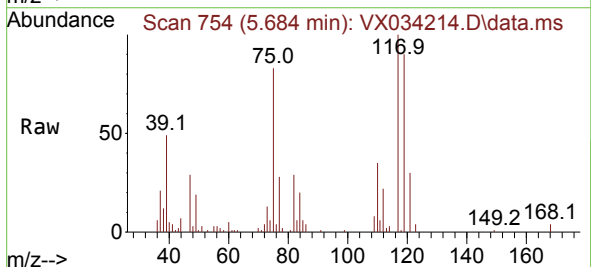
Tgt Ion: 117 Resp: 24700

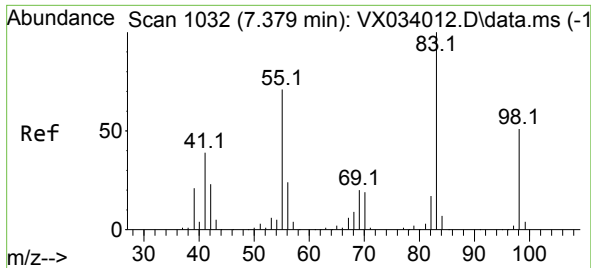
Ion Ratio Lower Upper

117 100

119 89.7 78.0 117.0

121 29.9 24.4 36.6

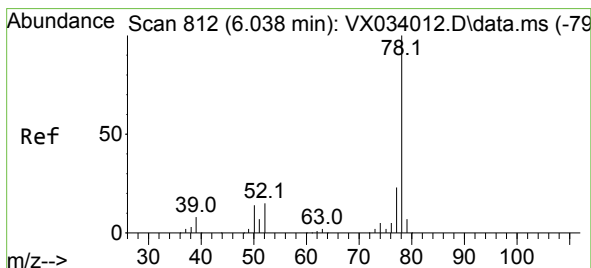
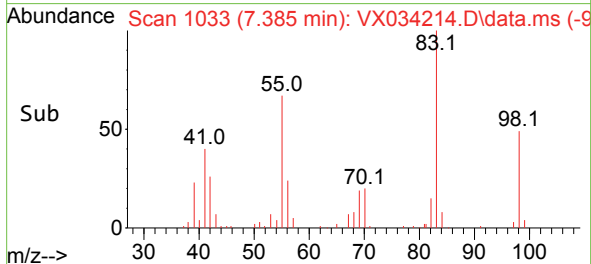
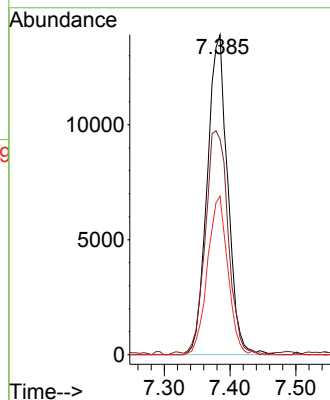
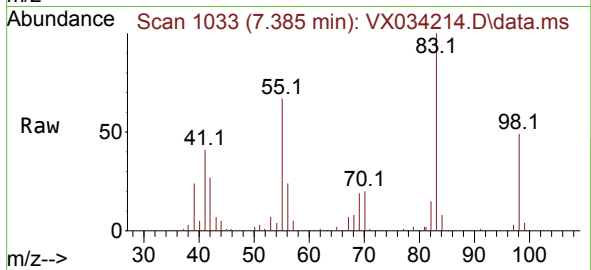




#39
Methylcyclohexane
Concen: 4.743 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. 0.006 min
Lab File: VX034214.D
Acq: 21 Feb 2023 17:04

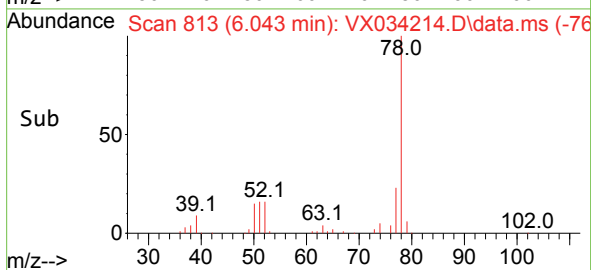
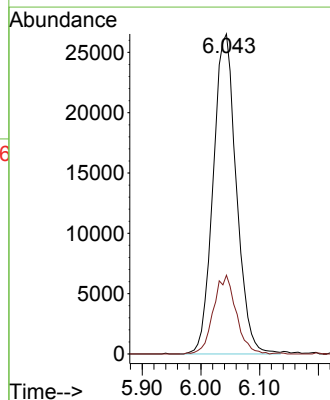
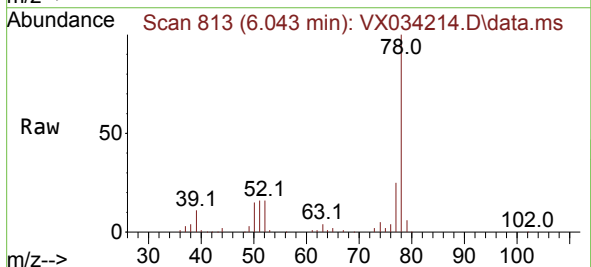
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2023

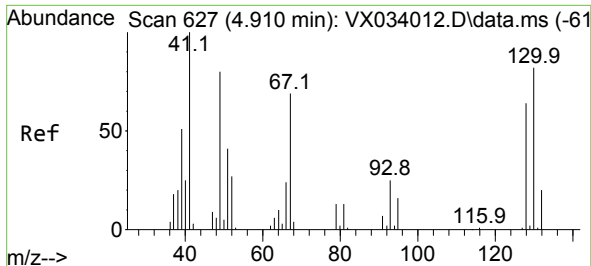
Tgt Ion: 83 Resp: 30123
Ion Ratio Lower Upper
83 100
55 66.7 61.8 92.6
98 49.5 39.3 58.9



#40
Benzene
Concen: 4.964 ug/l
RT: 6.043 min Scan# 813
Delta R.T. 0.006 min
Lab File: VX034214.D
Acq: 21 Feb 2023 17:04

Tgt Ion: 78 Resp: 72600
Ion Ratio Lower Upper
78 100
77 24.6 19.0 28.4

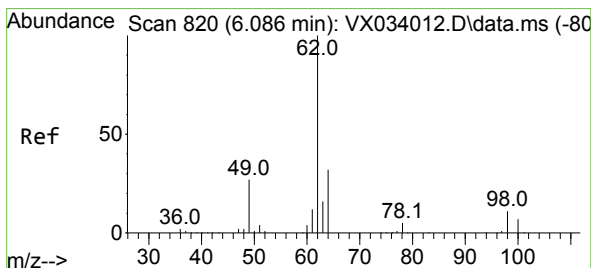
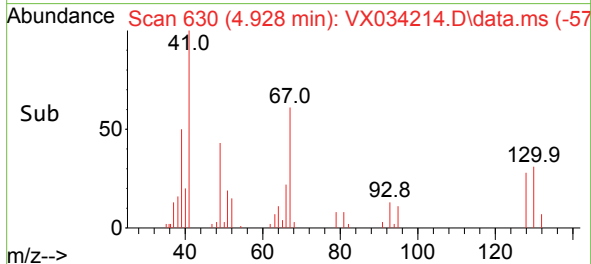
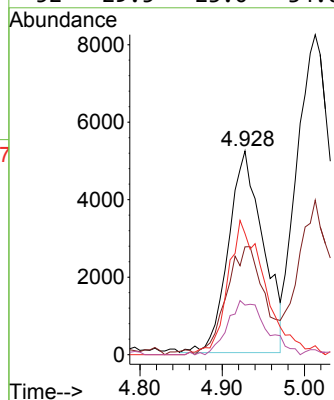
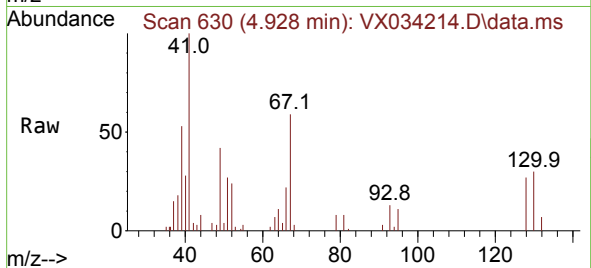




#41
Methacrylonitrile
Concen: 4.967 ug/l
RT: 4.928 min Scan# 61
Delta R.T. 0.012 min
Lab File: VX034214.D
Acq: 21 Feb 2023 17:04

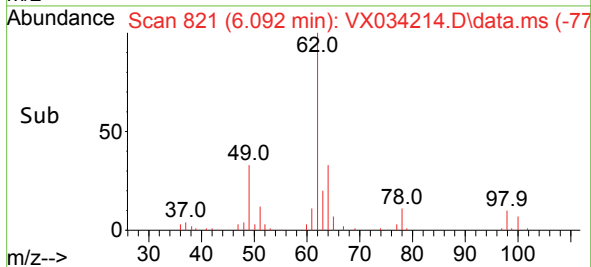
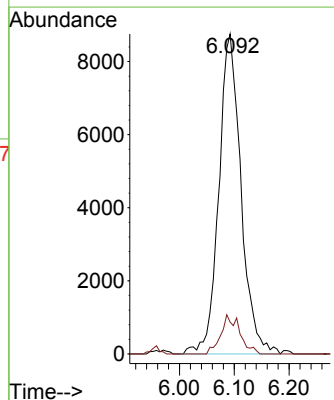
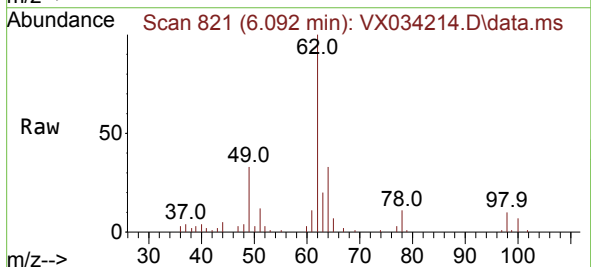
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2023

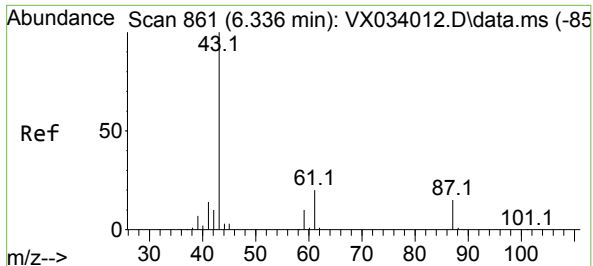
Tgt Ion: 41	Resp: 15264
Ion Ratio	Lower Upper
41 100	
39 58.6	43.8 65.6
67 71.8	54.8 82.2
52 29.5	23.0 34.6



#42
1,2-Dichloroethane
Concen: 4.791 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.006 min
Lab File: VX034214.D
Acq: 21 Feb 2023 17:04

Tgt Ion: 62	Resp: 24644
Ion Ratio	Lower Upper
62 100	
98 10.4	0.0 20.2

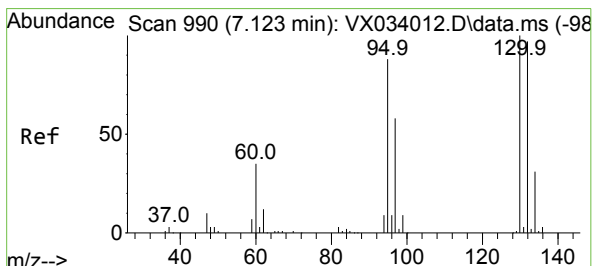
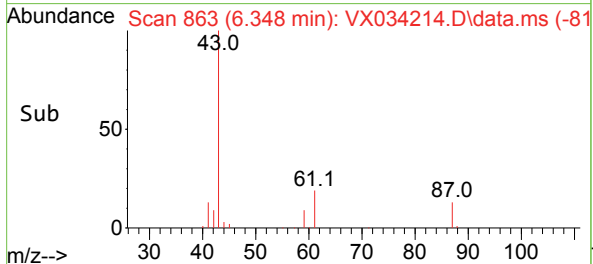
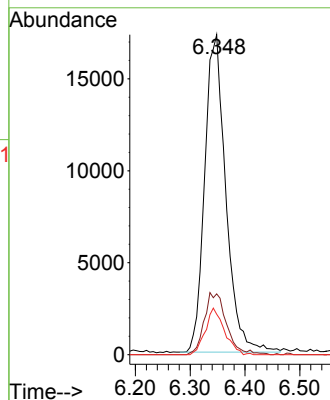
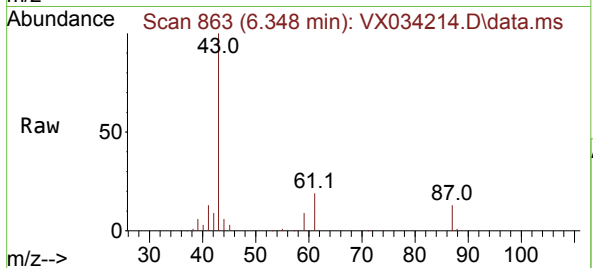




#43
Isopropyl Acetate
Concen: 4.751 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.012 min
Lab File: VX034214.D
Acq: 21 Feb 2023 17:04

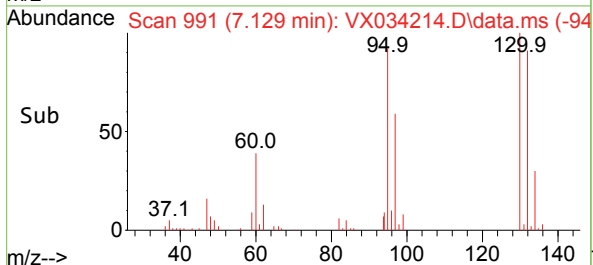
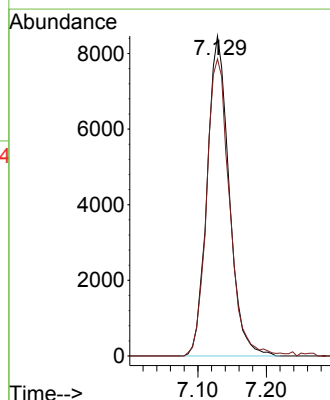
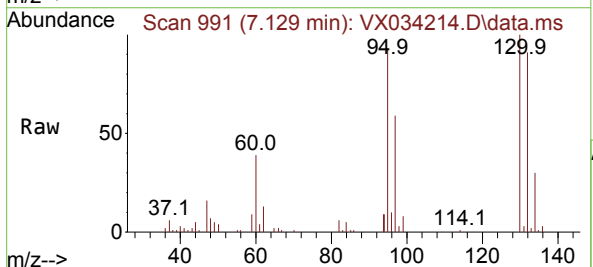
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT1-2023

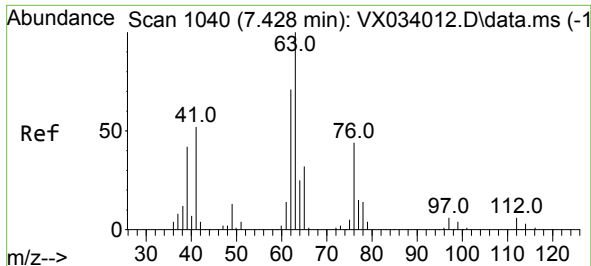
Tgt Ion: 43 Resp: 46241
Ion Ratio Lower Upper
43 100
61 20.5 15.7 23.5
87 13.3 10.6 15.8



#44
Trichloroethene
Concen: 5.037 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX034214.D
Acq: 21 Feb 2023 17:04

Tgt Ion:130 Resp: 18902
Ion Ratio Lower Upper
130 100
95 92.8 0.0 182.6

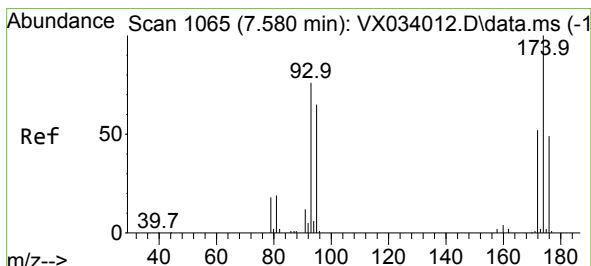
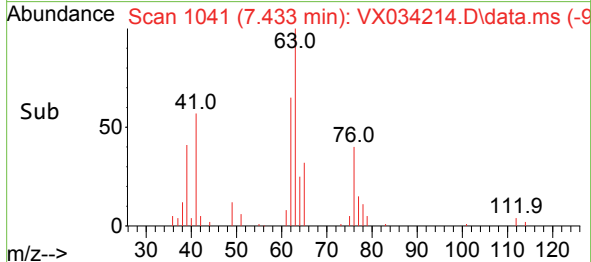
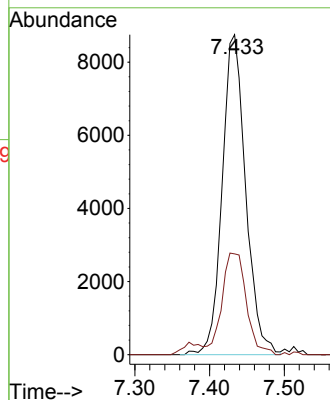
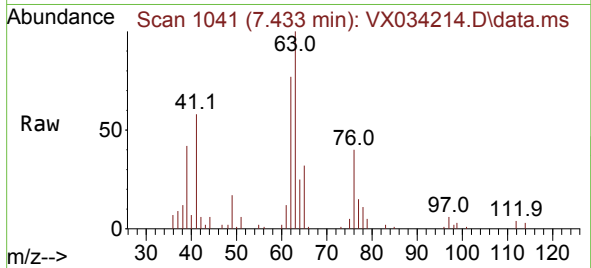




#45
1,2-Dichloropropane
Concen: 4.920 ug/l
RT: 7.433 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VX034214.D
Acq: 21 Feb 2023 17:04

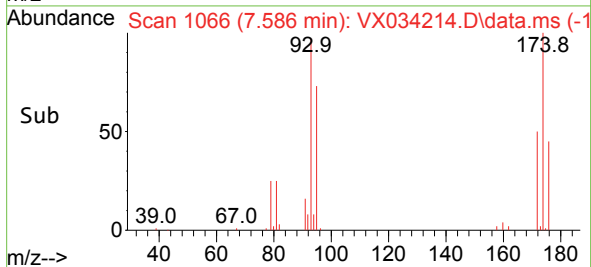
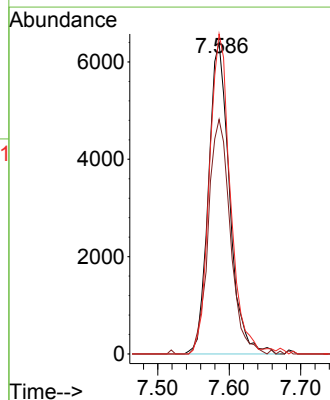
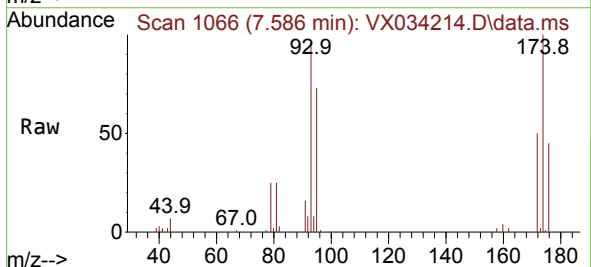
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2023

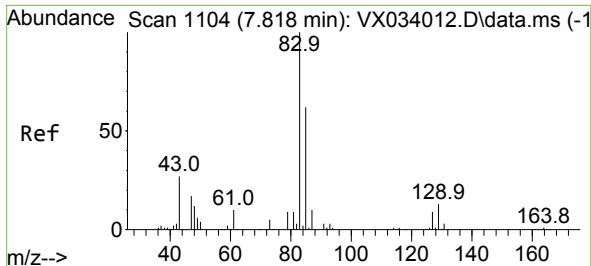
Tgt Ion: 63 Resp: 19152
Ion Ratio Lower Upper
63 100
65 31.5 24.2 36.2



#46
Dibromomethane
Concen: 5.108 ug/l
RT: 7.586 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VX034214.D
Acq: 21 Feb 2023 17:04

Tgt Ion: 93 Resp: 13088
Ion Ratio Lower Upper
93 100
95 78.4 67.6 101.4
174 103.5 97.4 146.0

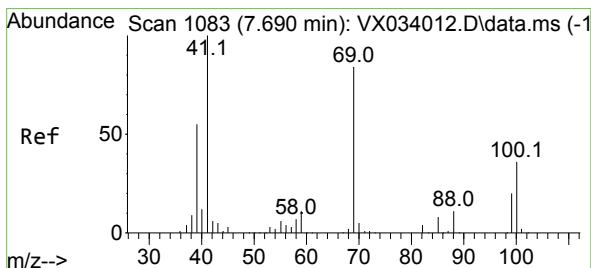
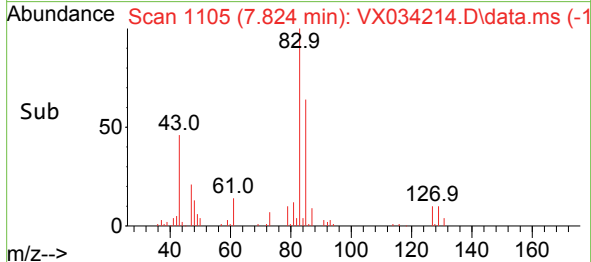
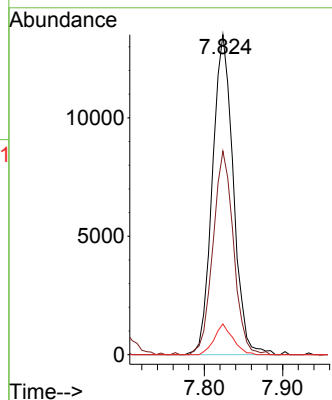
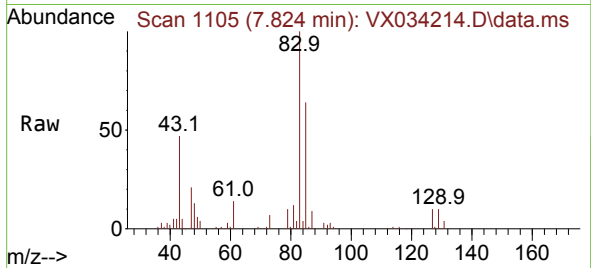




#47
Bromodichloromethane
Concen: 4.754 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VX034214.D
Acq: 21 Feb 2023 17:04

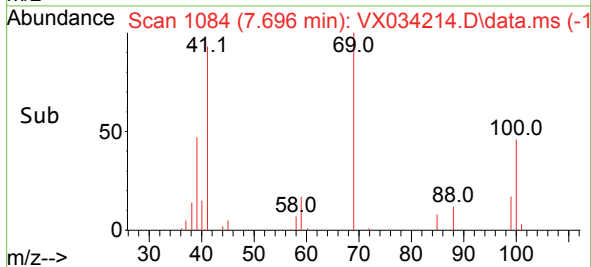
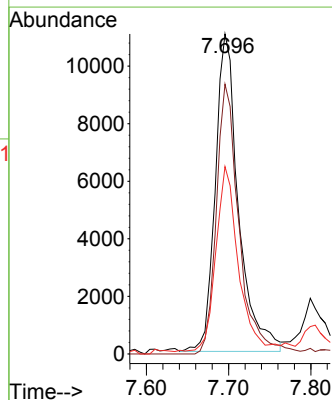
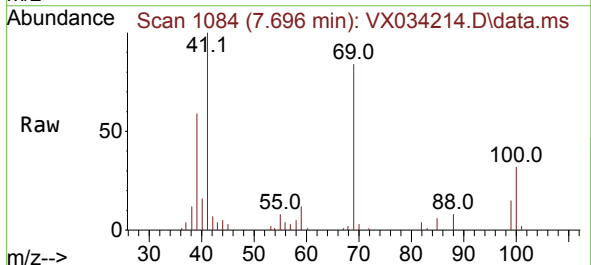
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2023

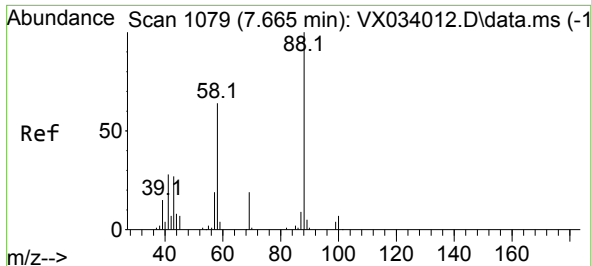
Tgt Ion: 83 Resp: 24996
Ion Ratio Lower Upper
83 100
85 63.6 49.8 74.6
127 9.6 7.0 10.4



#48
Methyl methacrylate
Concen: 4.690 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.006 min
Lab File: VX034214.D
Acq: 21 Feb 2023 17:04

Tgt Ion: 41 Resp: 21665
Ion Ratio Lower Upper
41 100
69 83.3 63.1 94.7
39 56.0 43.2 64.8





#49

1,4-Dioxane

Concen: 101.730 ug/l

RT: 7.665 min Scan# 1079

Delta R.T. 0.012 min

Lab File: VX034214.D

Acq: 21 Feb 2023 17:04

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2023

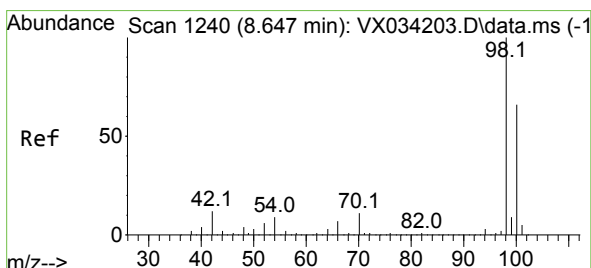
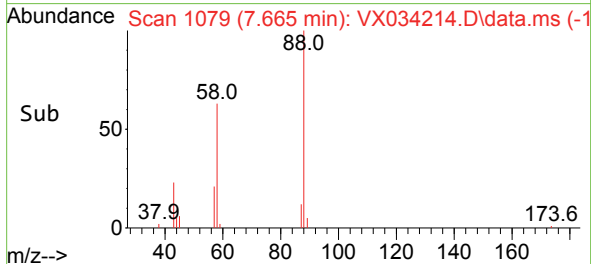
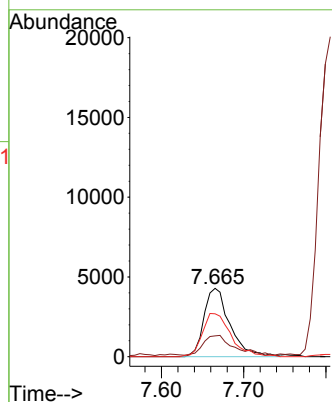
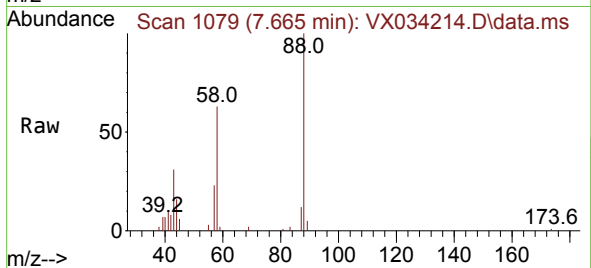
Tgt Ion: 88 Resp: 9373

Ion Ratio Lower Upper

88 100

43 33.3 0.0 0.0#

58 69.3 56.5 84.7



#50

Toluene-d8

Concen: 50.028 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX034214.D

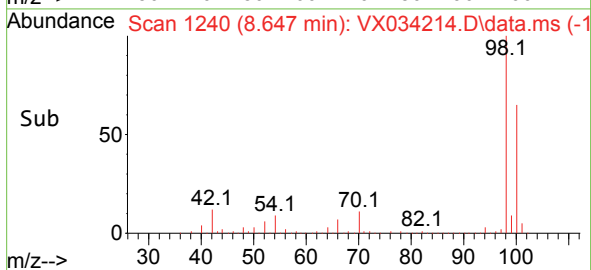
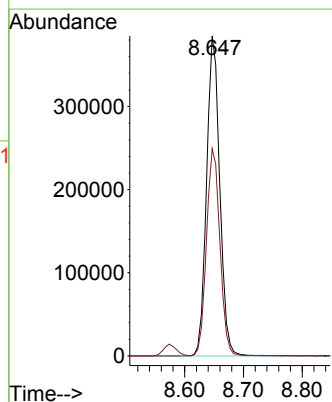
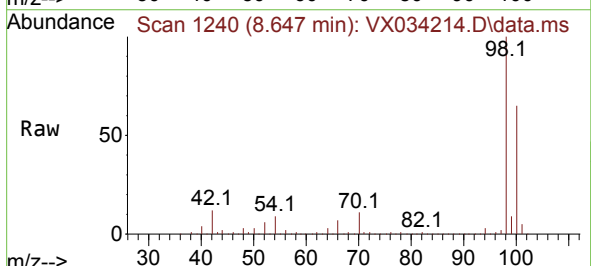
Acq: 21 Feb 2023 17:04

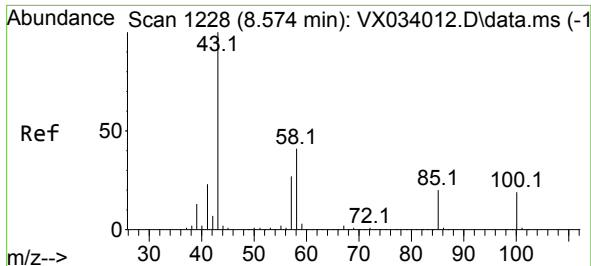
Tgt Ion: 98 Resp: 599342

Ion Ratio Lower Upper

98 100

100 66.1 53.6 80.4

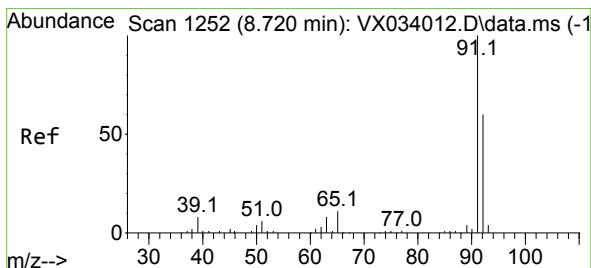
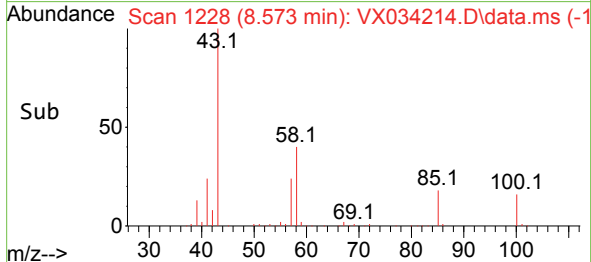
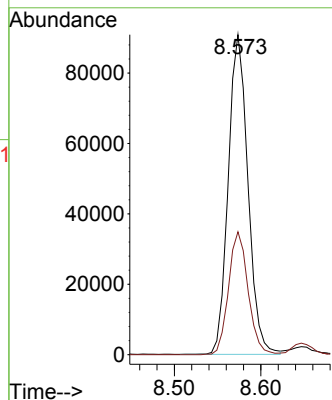
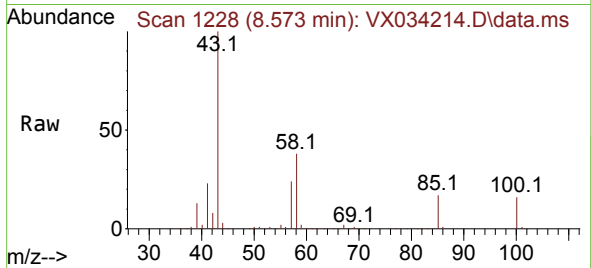




#51
4-Methyl-2-Pentanone
Concen: 26.765 ug/l
RT: 8.573 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX034214.D
Acq: 21 Feb 2023 17:04

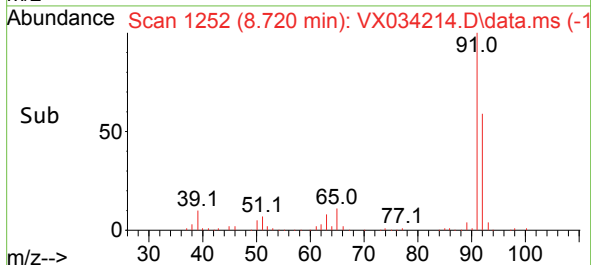
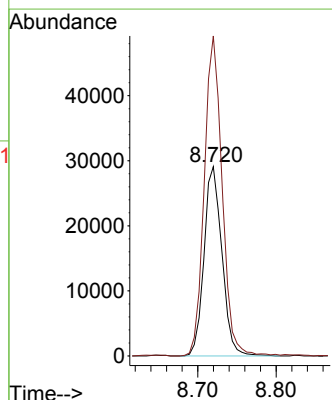
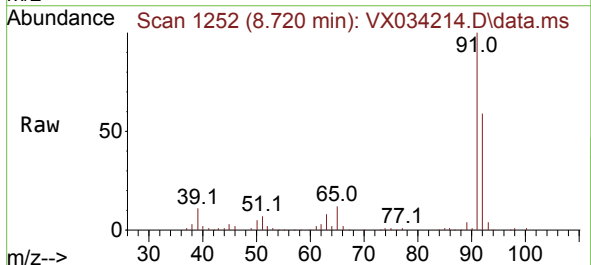
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2023

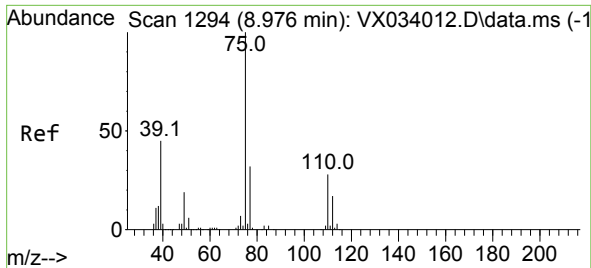
Tgt Ion: 43 Resp: 143311
Ion Ratio Lower Upper
43 100
58 38.2 31.2 46.8



#52
Toluene
Concen: 5.210 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX034214.D
Acq: 21 Feb 2023 17:04

Tgt Ion: 92 Resp: 46167
Ion Ratio Lower Upper
92 100
91 168.7 135.5 203.3

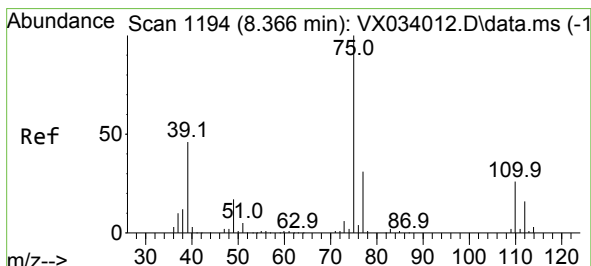
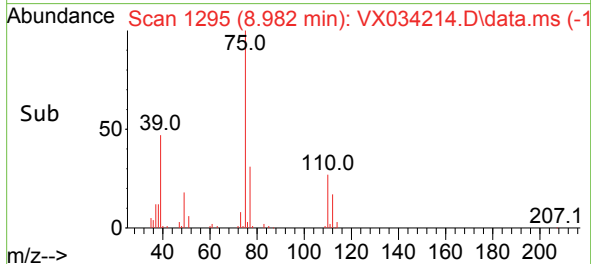
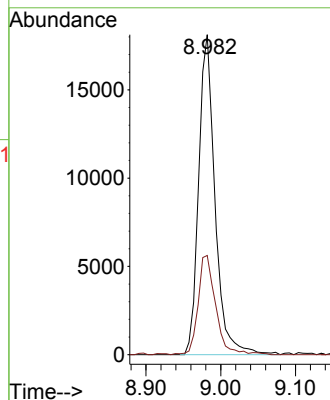
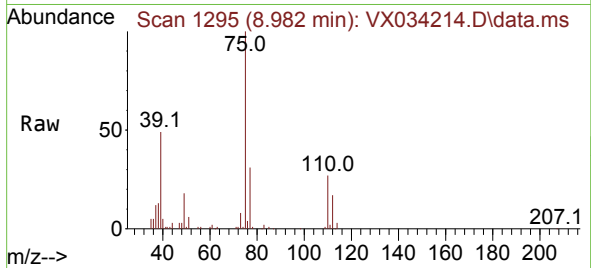




#53
t-1,3-Dichloropropene
Concen: 4.547 ug/l
RT: 8.982 min Scan# 1195
Delta R.T. 0.006 min
Lab File: VX034214.D
Acq: 21 Feb 2023 17:04

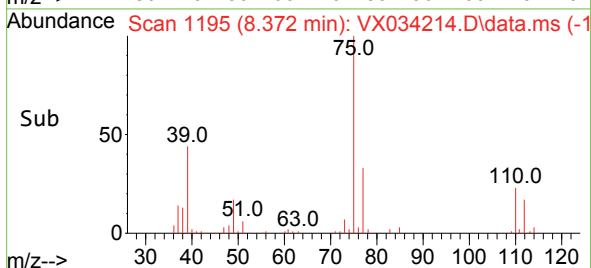
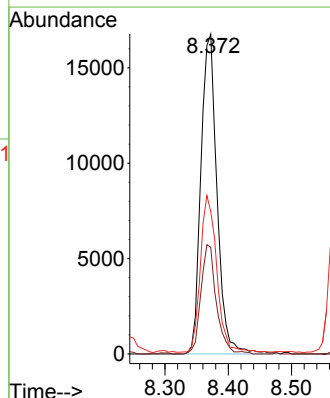
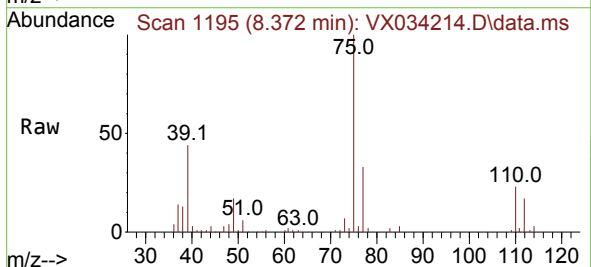
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2023

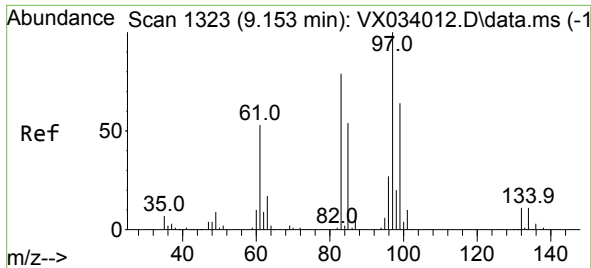
Tgt Ion: 75 Resp: 27521
Ion Ratio Lower Upper
75 100
77 31.0 25.5 38.3



#54
cis-1,3-Dichloropropene
Concen: 4.595 ug/l
RT: 8.372 min Scan# 1195
Delta R.T. 0.006 min
Lab File: VX034214.D
Acq: 21 Feb 2023 17:04

Tgt Ion: 75 Resp: 29770
Ion Ratio Lower Upper
75 100
77 33.4 25.0 37.6
39 43.9 38.6 58.0

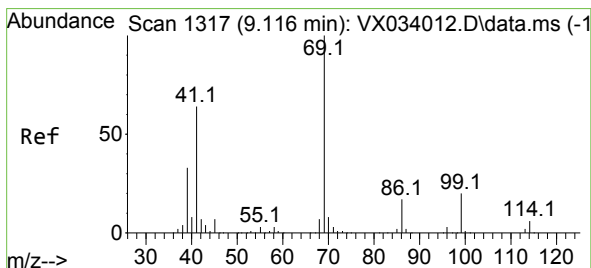
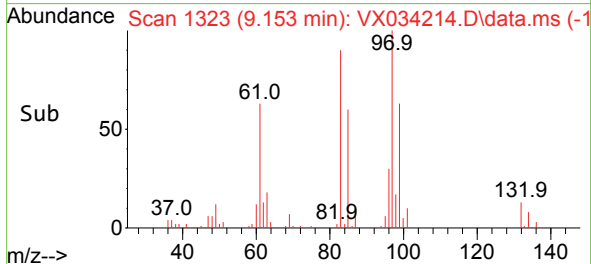
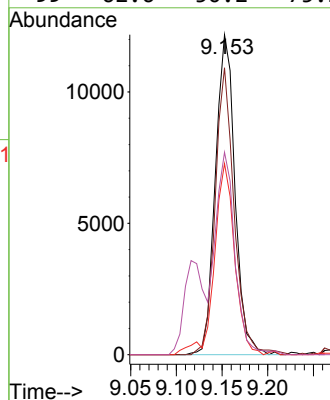
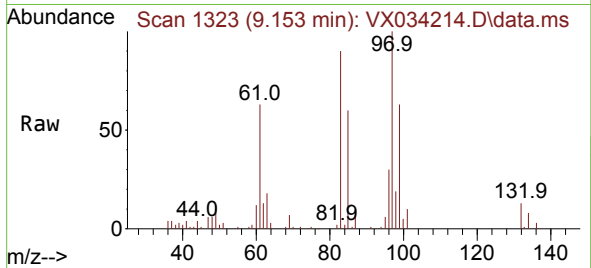




#55
 1,1,2-Trichloroethane
 Concen: 5.070 ug/l
 RT: 9.153 min Scan# 1323
 Delta R.T. 0.000 min
 Lab File: VX034214.D
 Acq: 21 Feb 2023 17:04

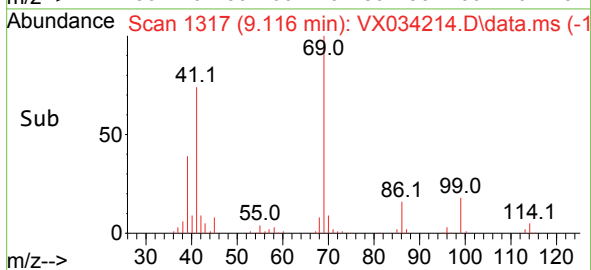
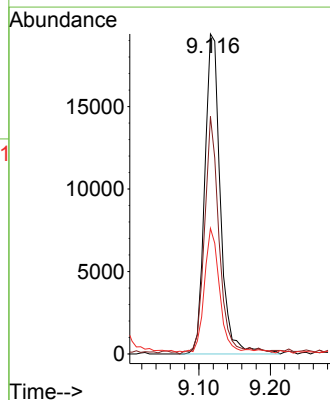
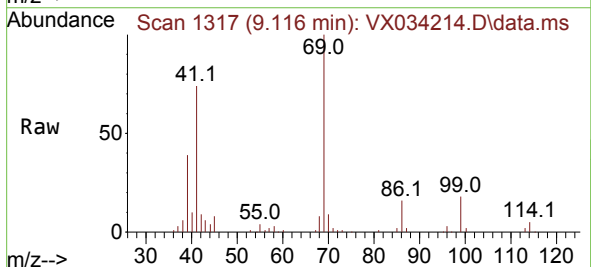
Instrument : MSVOA_X
 ClientSampleId : LOQ-WATER-02-QT1-2023

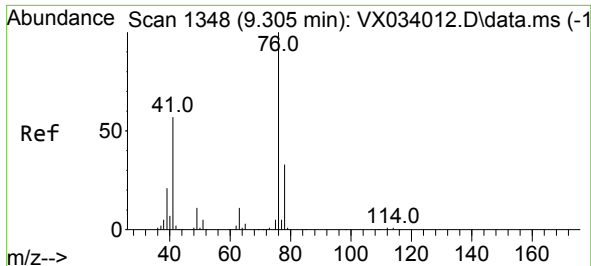
Tgt Ion: 97	Resp: 18135
Ion Ratio	Lower Upper
97 100	
83 89.6	67.4 101.0
85 59.7	43.2 64.8
99 62.6	50.2 75.2



#56
 Ethyl methacrylate
 Concen: 4.886 ug/l
 RT: 9.116 min Scan# 1317
 Delta R.T. 0.000 min
 Lab File: VX034214.D
 Acq: 21 Feb 2023 17:04

Tgt Ion: 69	Resp: 29565
Ion Ratio	Lower Upper
69 100	
41 70.3	55.1 82.7
39 36.9	28.5 42.7





#57

1,3-Dichloropropane

Concen: 5.031 ug/l

RT: 9.311 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX034214.D

Acq: 21 Feb 2023 17:04

Instrument :

MSVOA_X

ClientSampleId :

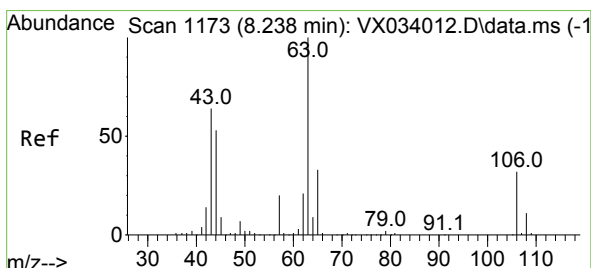
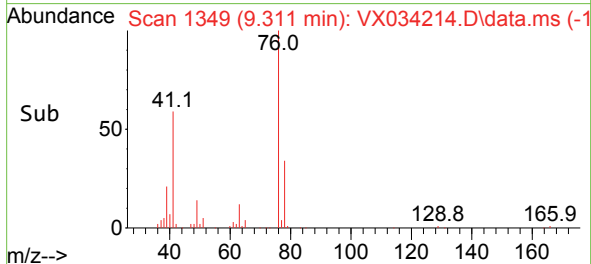
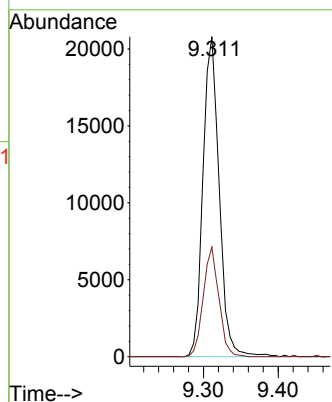
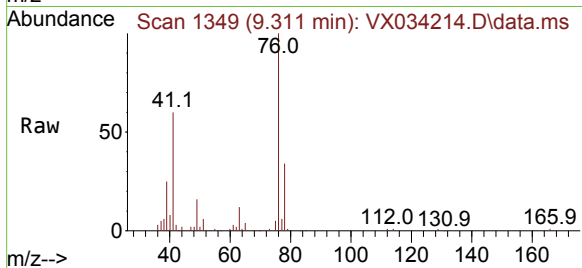
LOQ-WATER-02-QT1-2023

Tgt Ion: 76 Resp: 31307

Ion Ratio Lower Upper

76 100

78 32.9 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 25.981 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.006 min

Lab File: VX034214.D

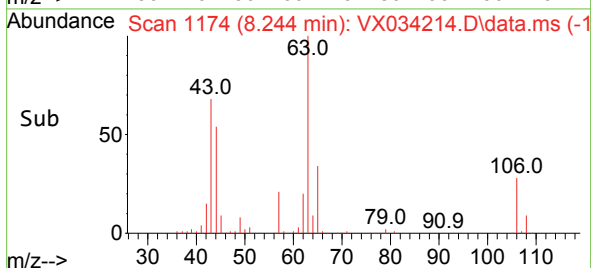
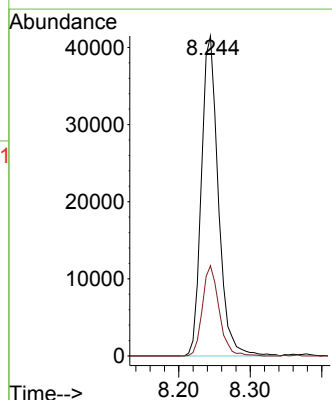
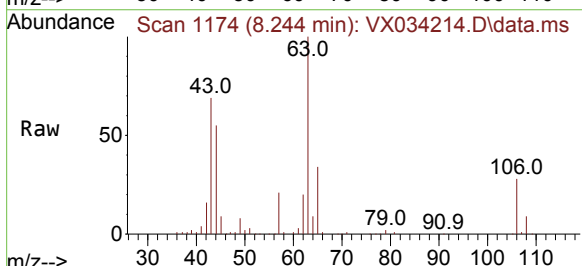
Acq: 21 Feb 2023 17:04

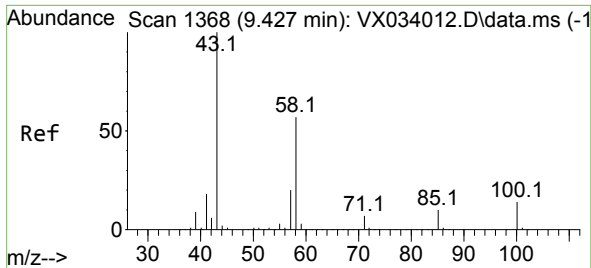
Tgt Ion: 63 Resp: 68097

Ion Ratio Lower Upper

63 100

106 27.9 24.5 36.7

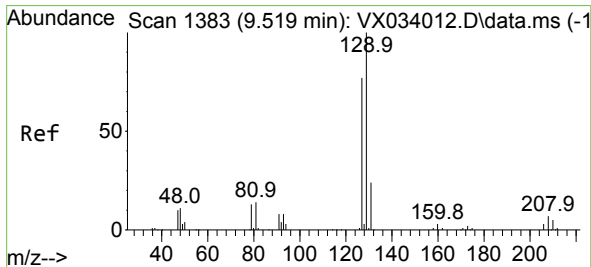
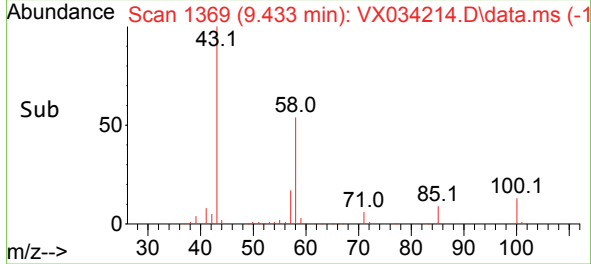
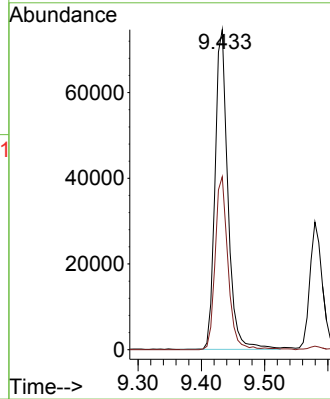
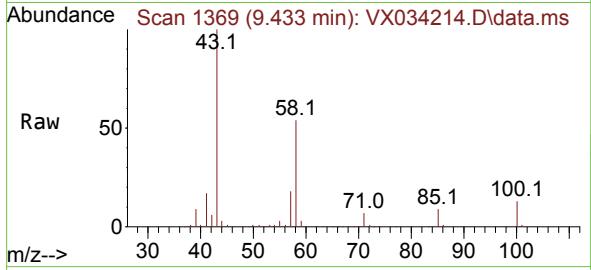




#59
2-Hexanone
Concen: 25.727 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.006 min
Lab File: VX034214.D
Acq: 21 Feb 2023 17:04

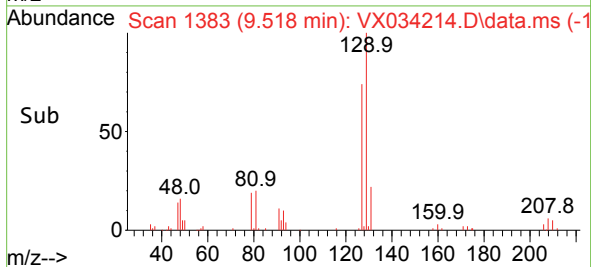
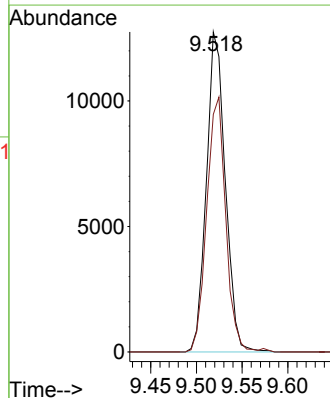
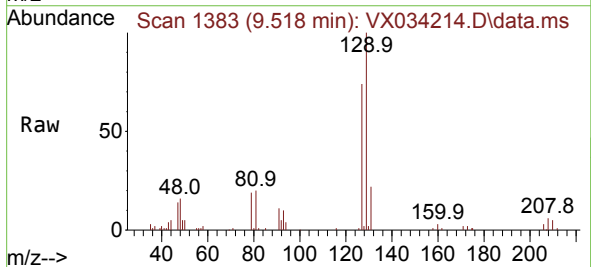
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2023

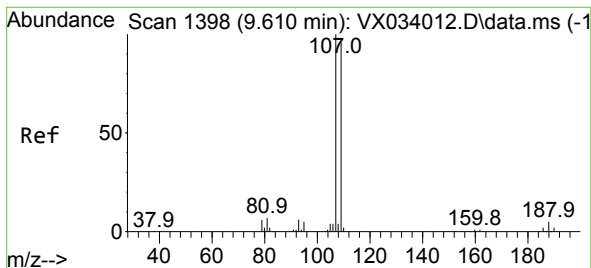
Tgt Ion: 43 Resp: 104985
Ion Ratio Lower Upper
43 100
58 53.7 27.4 82.0



#60
Dibromochloromethane
Concen: 4.628 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX034214.D
Acq: 21 Feb 2023 17:04

Tgt Ion: 129 Resp: 18289
Ion Ratio Lower Upper
129 100
127 80.4 38.8 116.3





#61

1,2-Dibromoethane

Concen: 5.142 ug/l

RT: 9.610 min Scan# 1398

Delta R.T. 0.000 min

Lab File: VX034214.D

Acq: 21 Feb 2023 17:04

Instrument :

MSVOA_X

ClientSampleId :

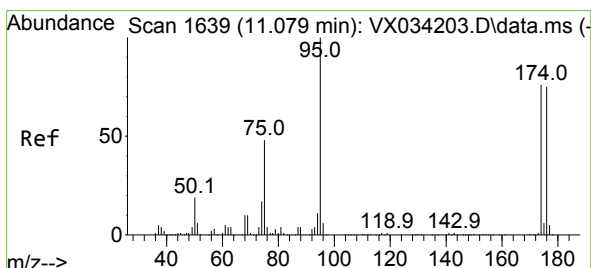
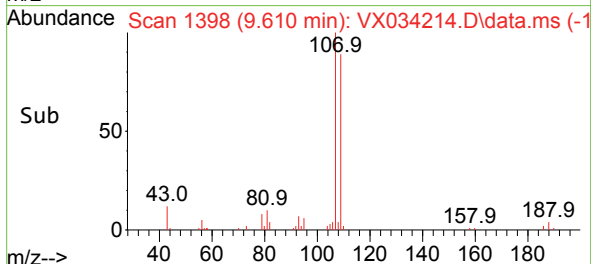
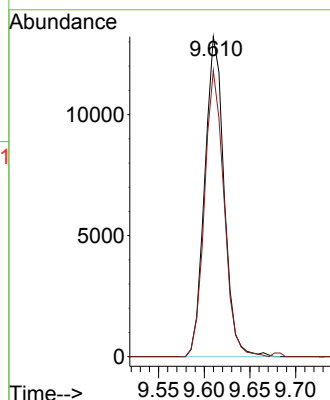
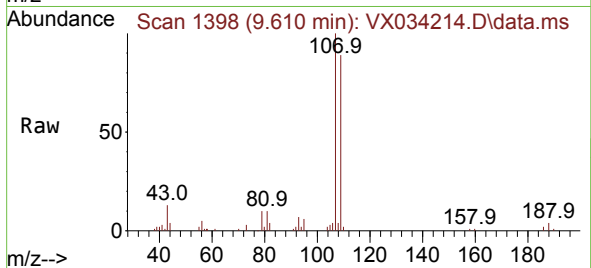
LOQ-WATER-02-QT1-2023

Tgt Ion:107 Resp: 19452

Ion Ratio Lower Upper

107 100

109 89.9 74.2 111.2



#62

4-Bromofluorobenzene

Concen: 46.765 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX034214.D

Acq: 21 Feb 2023 17:04

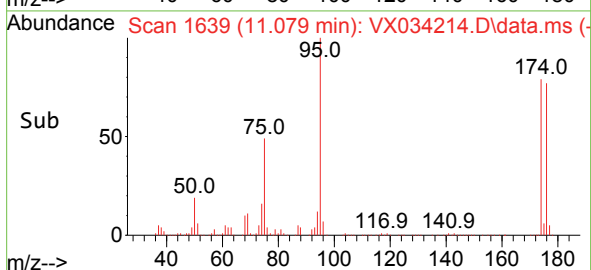
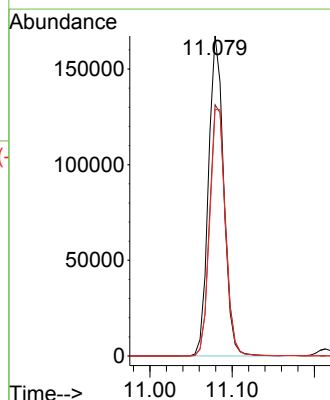
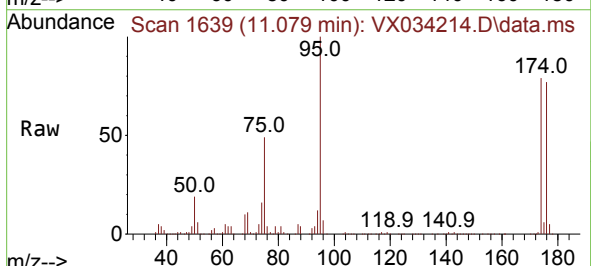
Tgt Ion: 95 Resp: 214300

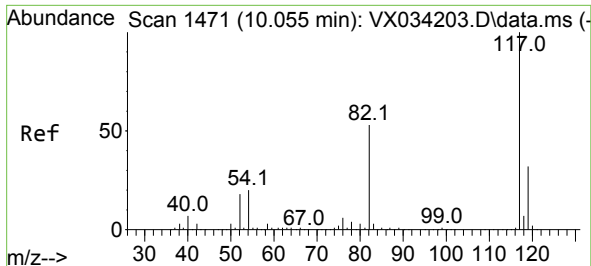
Ion Ratio Lower Upper

95 100

174 81.6 0.0 184.4

176 80.1 0.0 178.8

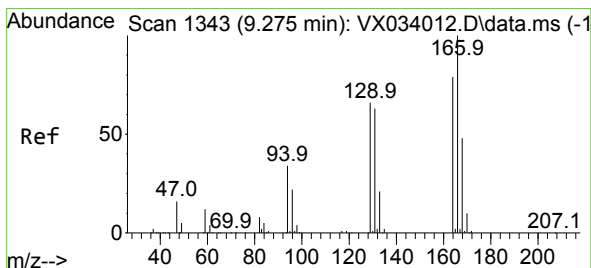
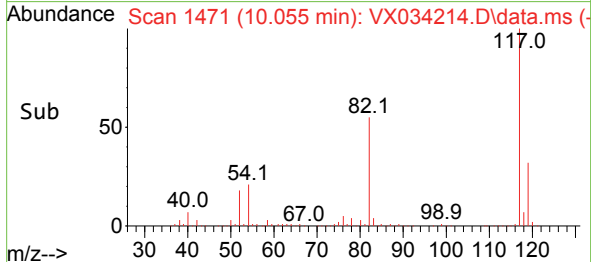
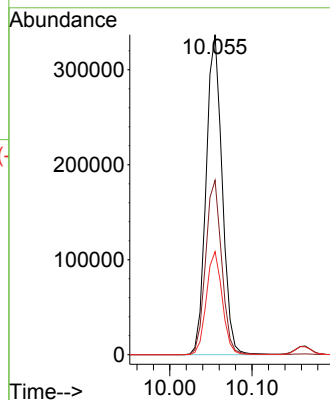
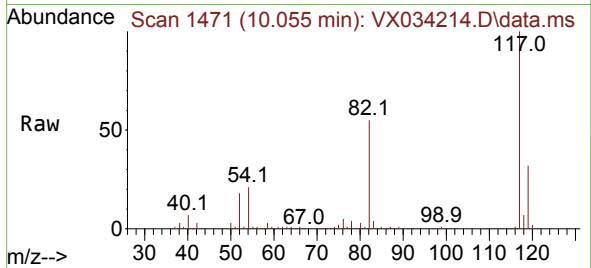




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034214.D
Acq: 21 Feb 2023 17:04

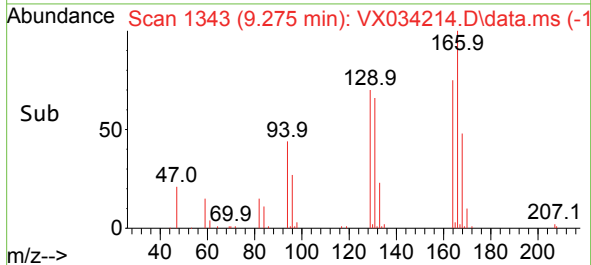
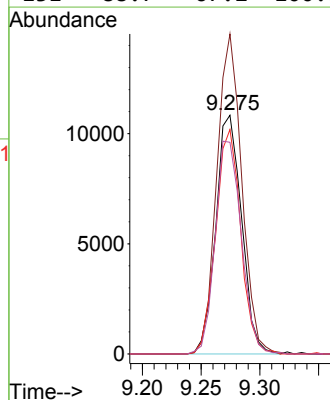
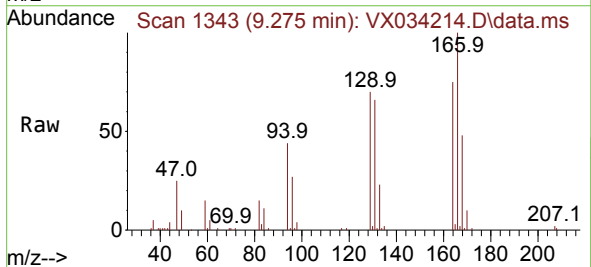
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2023

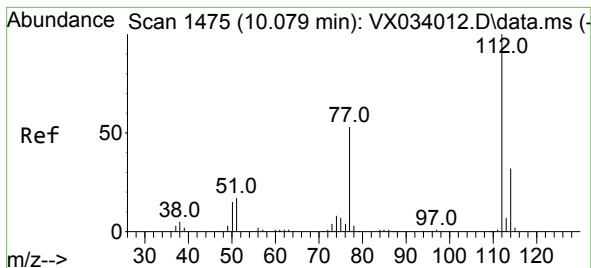
Tgt Ion:117 Resp: 456289
Ion Ratio Lower Upper
117 100
82 54.5 40.6 60.8
119 32.2 25.6 38.4



#64
Tetrachloroethene
Concen: 5.148 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX034214.D
Acq: 21 Feb 2023 17:04

Tgt Ion:164 Resp: 16577
Ion Ratio Lower Upper
164 100
166 134.0 100.2 150.2
129 94.1 69.2 103.8
131 88.7 67.2 100.8

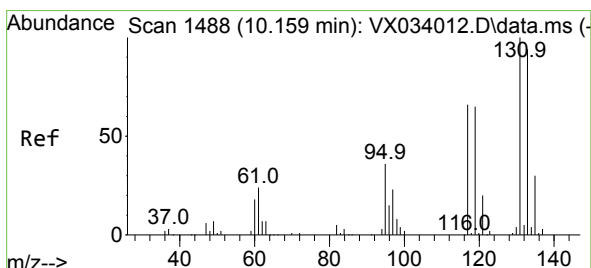
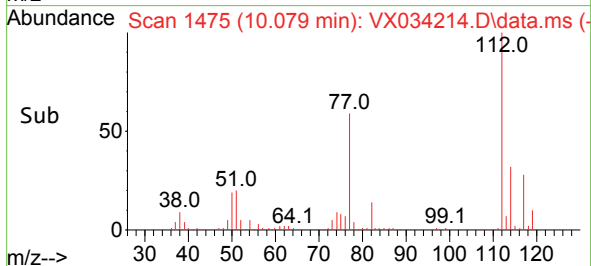
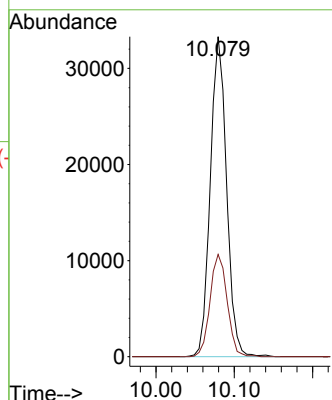
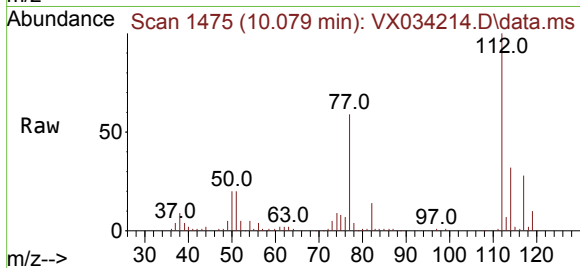




#65
Chlorobenzene
Concen: 5.039 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX034214.D
Acq: 21 Feb 2023 17:04

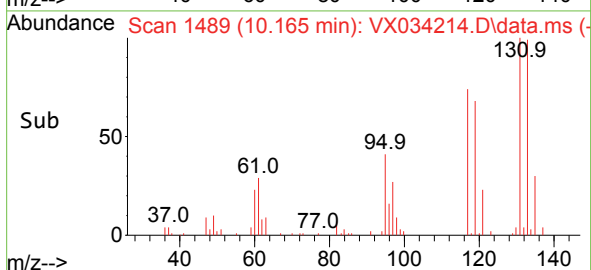
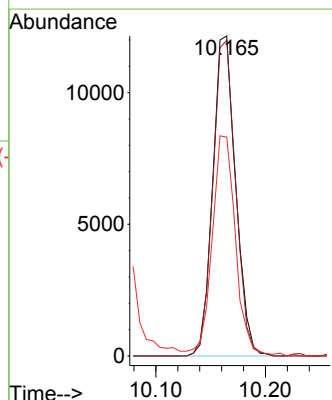
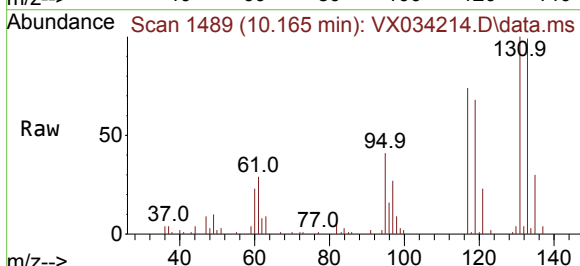
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2023

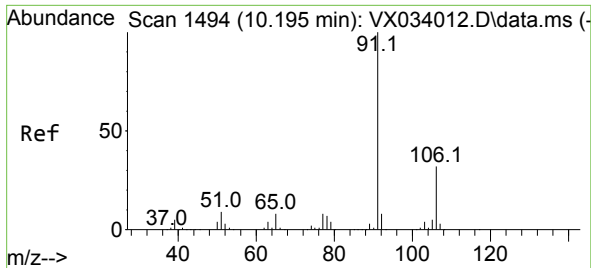
Tgt Ion:112 Resp: 47929
Ion Ratio Lower Upper
112 100
114 32.0 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 4.779 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX034214.D
Acq: 21 Feb 2023 17:04

Tgt Ion:131 Resp: 17598
Ion Ratio Lower Upper
131 100
133 98.4 48.4 145.0
119 70.4 31.9 95.7

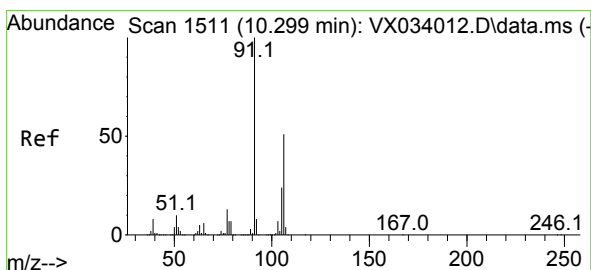
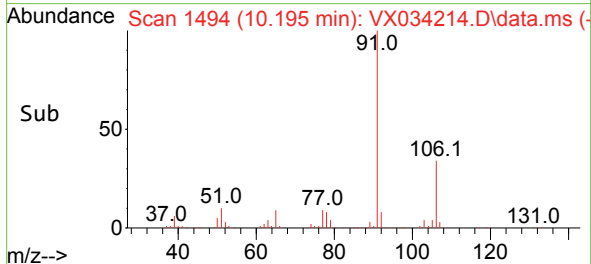
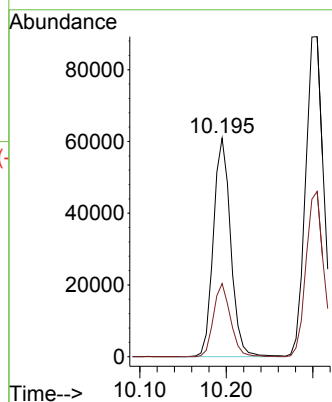
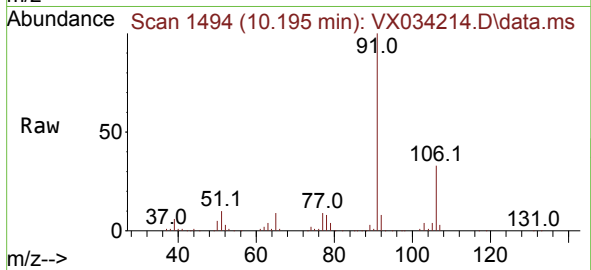




#67
Ethyl Benzene
Concen: 4.948 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX034214.D
Acq: 21 Feb 2023 17:04

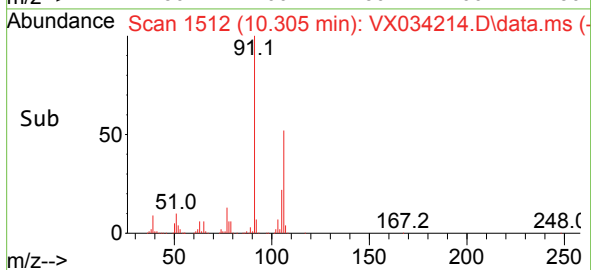
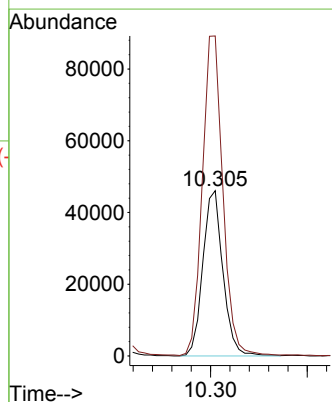
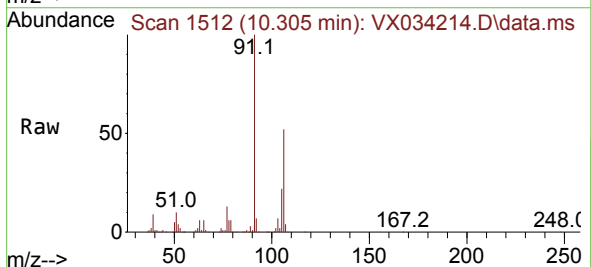
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2023

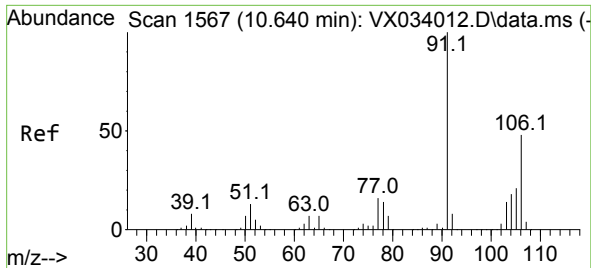
Tgt Ion: 91 Resp: 84552
Ion Ratio Lower Upper
91 100
106 33.5 25.8 38.8



#68
m/p-Xylenes
Concen: 10.194 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX034214.D
Acq: 21 Feb 2023 17:04

Tgt Ion: 106 Resp: 66658
Ion Ratio Lower Upper
106 100
91 196.7 156.4 234.6

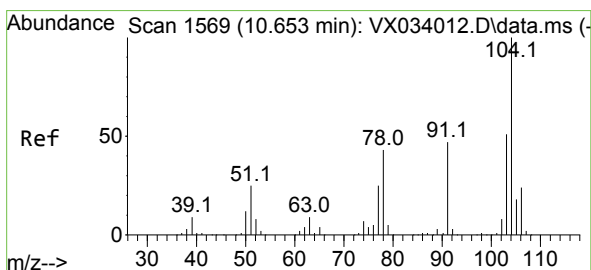
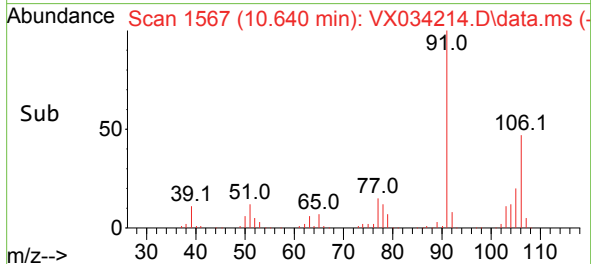
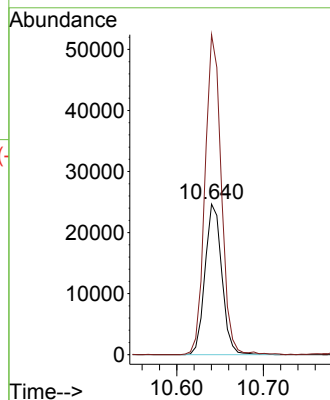
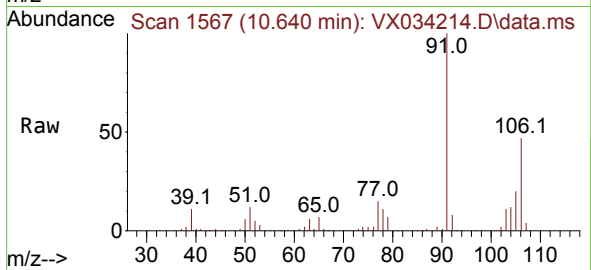




#69
o-Xylene
Concen: 5.105 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX034214.D
Acq: 21 Feb 2023 17:04

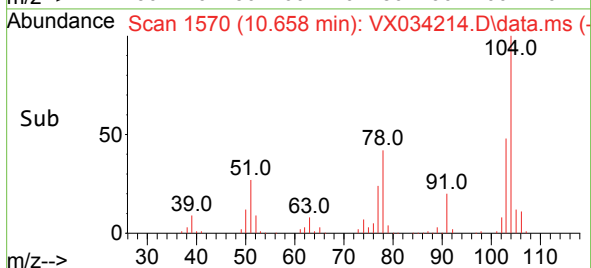
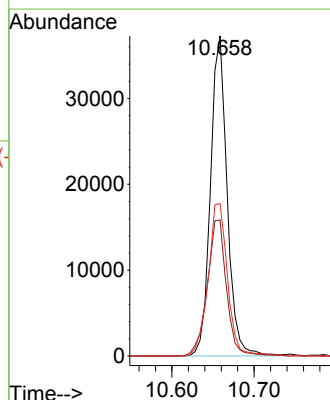
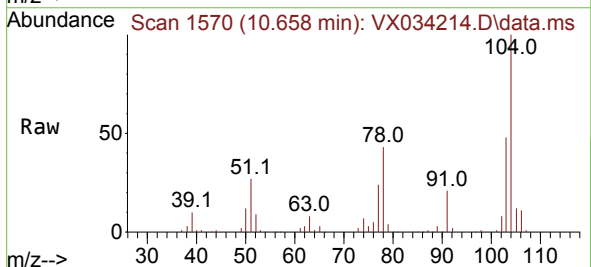
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2023

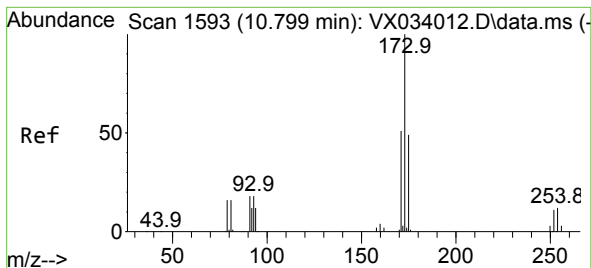
Tgt Ion:106 Resp: 33234
Ion Ratio Lower Upper
106 100
91 206.4 103.1 309.3



#70
Styrene
Concen: 4.967 ug/l
RT: 10.658 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VX034214.D
Acq: 21 Feb 2023 17:04

Tgt Ion:104 Resp: 52590
Ion Ratio Lower Upper
104 100
78 48.9 37.5 56.3
103 55.3 43.3 64.9





#71

Bromoform

Concen: 4.468 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX034214.D

Acq: 21 Feb 2023 17:04

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2023

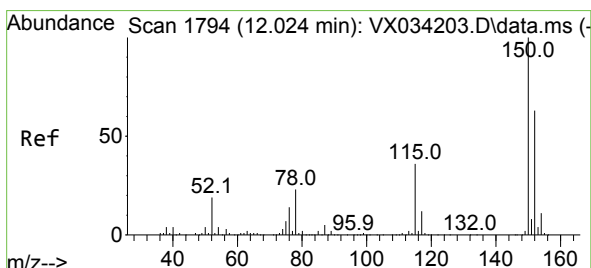
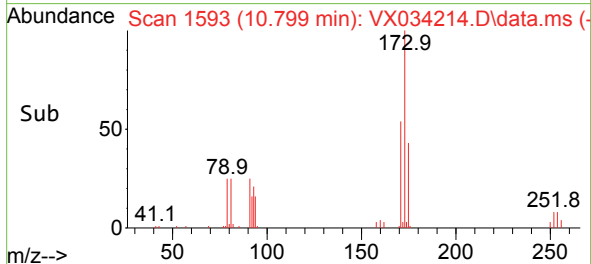
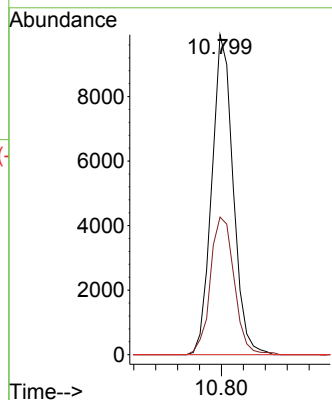
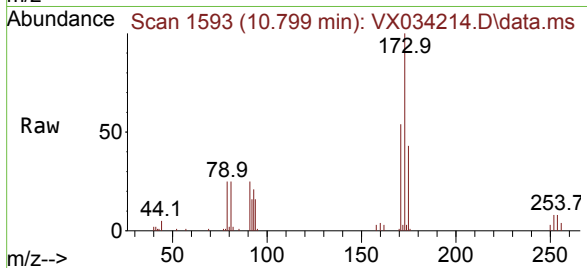
Tgt Ion:173 Resp: 13429

Ion Ratio Lower Upper

173 100

175 47.9 24.1 72.3

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX034214.D

Acq: 21 Feb 2023 17:04

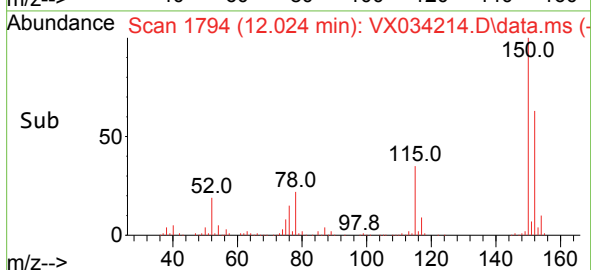
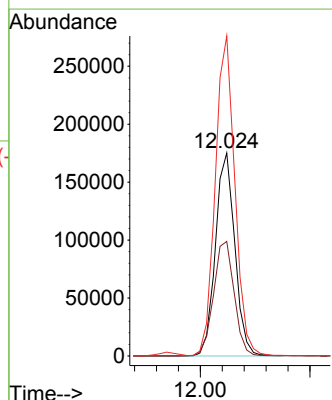
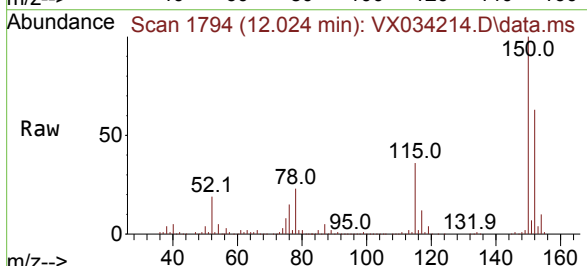
Tgt Ion:152 Resp: 215468

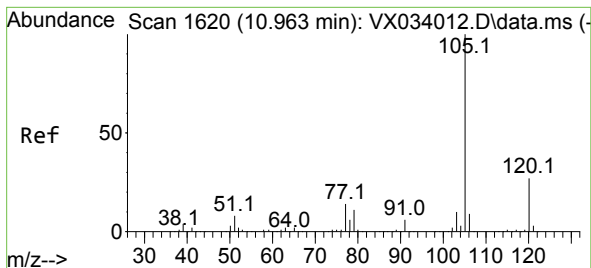
Ion Ratio Lower Upper

152 100

115 60.1 38.7 116.1

150 158.7 0.0 348.2





#73

Isopropylbenzene

Concen: 5.031 ug/l

RT: 10.963 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX034214.D

Acq: 21 Feb 2023 17:04

Instrument :

MSVOA_X

ClientSampleId :

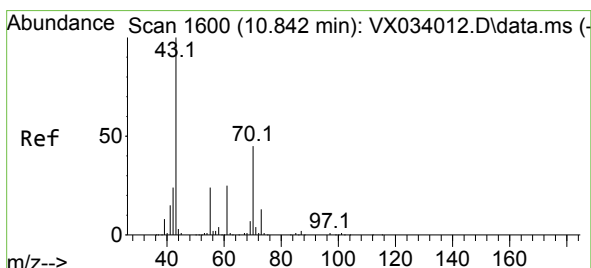
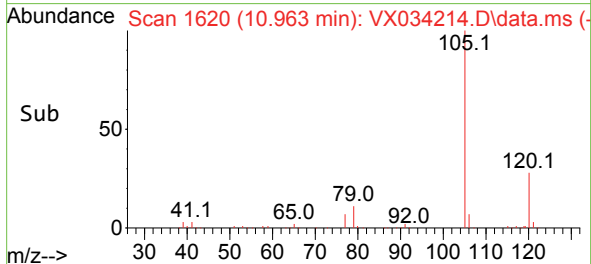
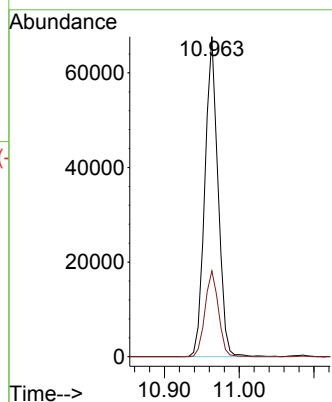
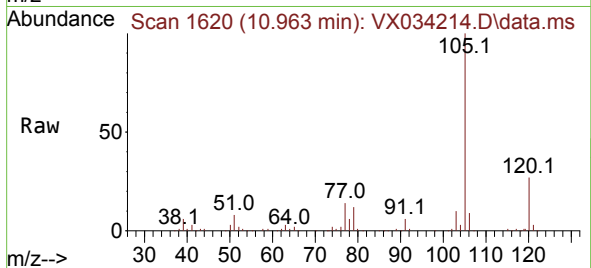
LOQ-WATER-02-QT1-2023

Tgt Ion:105 Resp: 82611

Ion Ratio Lower Upper

105 100

120 27.3 13.6 40.8



#74

N-ethyl acetate

Concen: 4.685 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX034214.D

Acq: 21 Feb 2023 17:04

Tgt Ion: 43 Resp: 38648

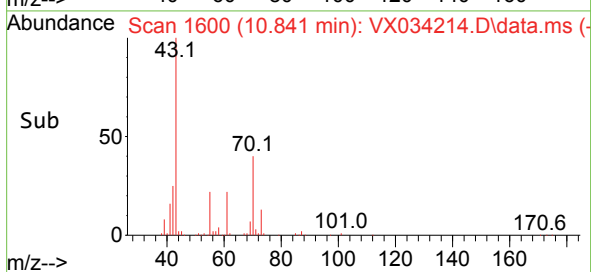
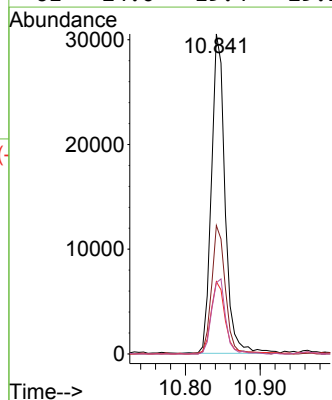
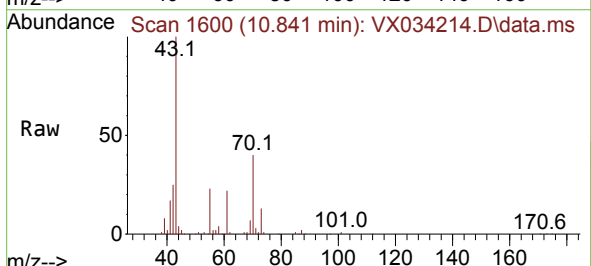
Ion Ratio Lower Upper

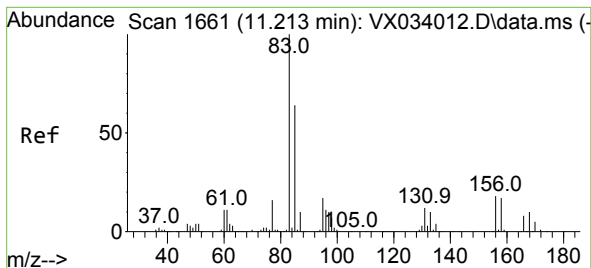
43 100

70 40.5 34.8 52.2

55 24.5 19.4 29.0

61 24.0 19.4 29.2





#75

1,1,2,2-Tetrachloroethane

Concen: 5.004 ug/l

RT: 11.213 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX034214.D

Acq: 21 Feb 2023 17:04

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2023

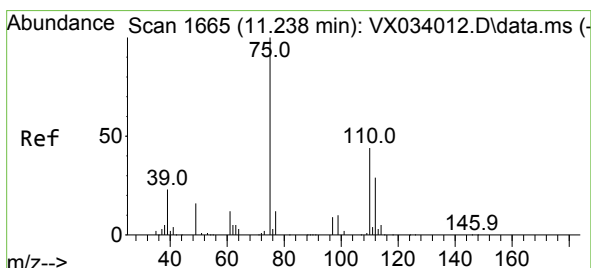
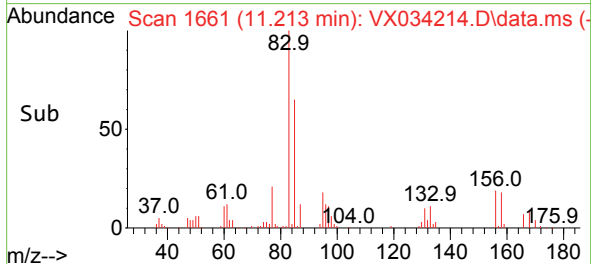
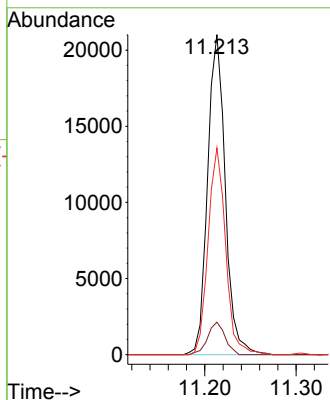
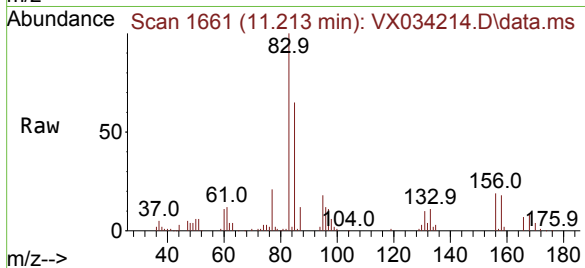
Tgt Ion: 83 Resp: 28104

Ion Ratio Lower Upper

83 100

131 10.1 5.5 16.7

85 64.2 32.3 96.9



#76

1,2,3-Trichloropropane

Concen: 5.414 ug/l

RT: 11.238 min Scan# 1665

Delta R.T. 0.000 min

Lab File: VX034214.D

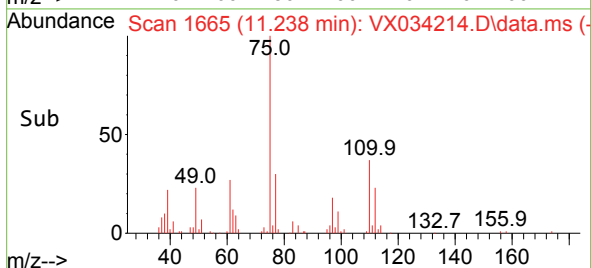
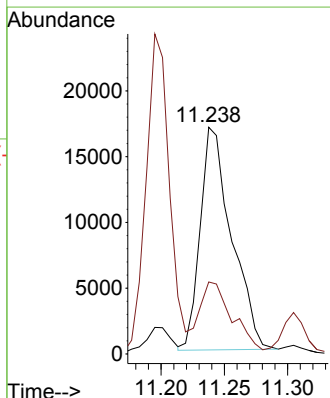
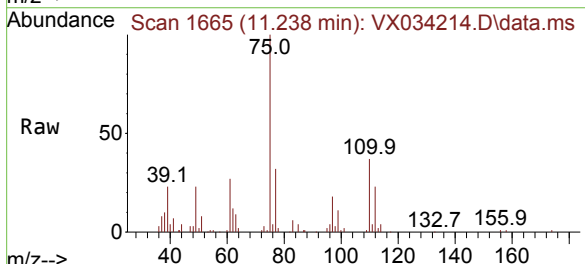
Acq: 21 Feb 2023 17:04

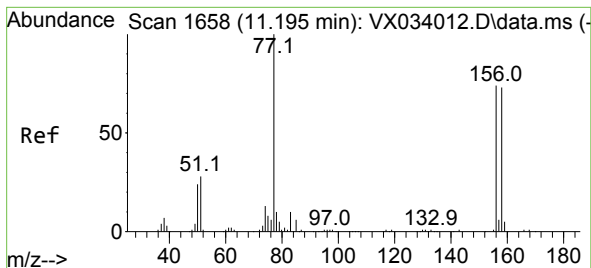
Tgt Ion: 75 Resp: 29355

Ion Ratio Lower Upper

75 100

77 34.5 21.8 65.4





#77

Bromobenzene

Concen: 5.270 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.006 min

Lab File: VX034214.D

Acq: 21 Feb 2023 17:04

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2023

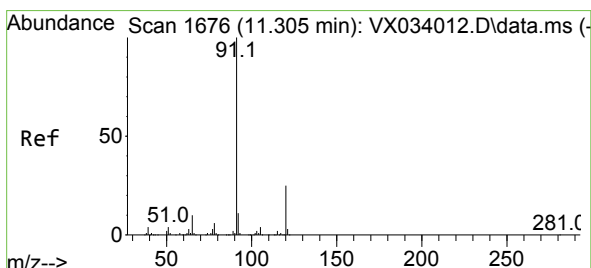
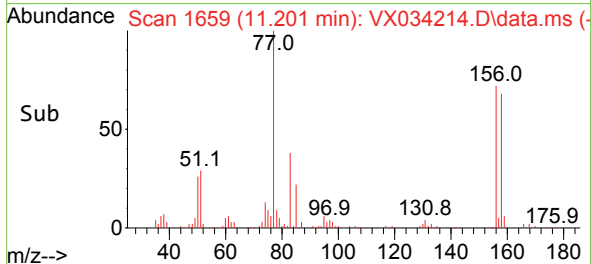
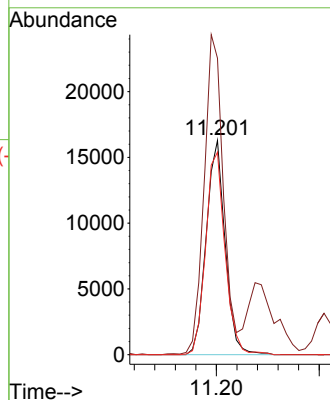
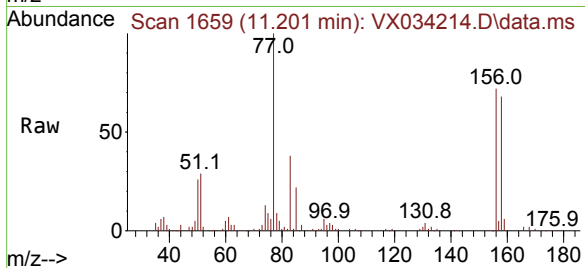
Tgt Ion:156 Resp: 20826

Ion Ratio Lower Upper

156 100

77 150.8 68.1 204.3

158 97.3 48.0 144.2



#78

n-propylbenzene

Concen: 4.850 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX034214.D

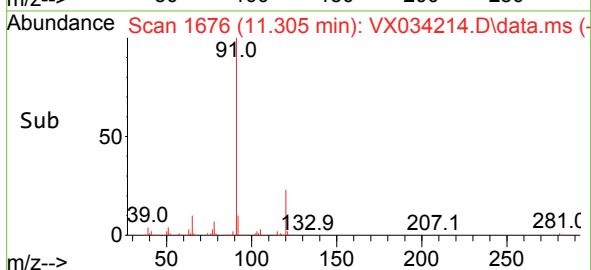
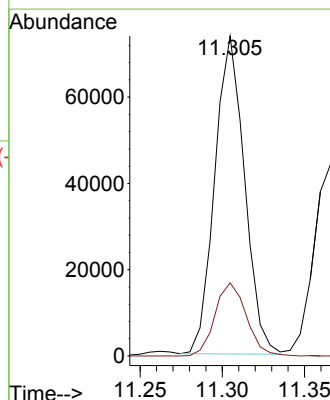
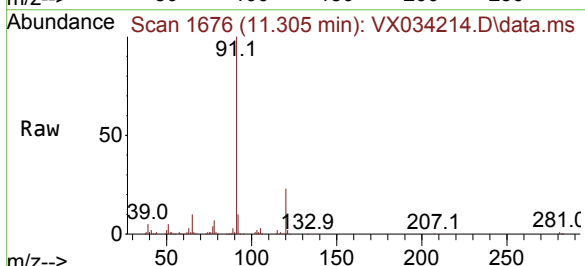
Acq: 21 Feb 2023 17:04

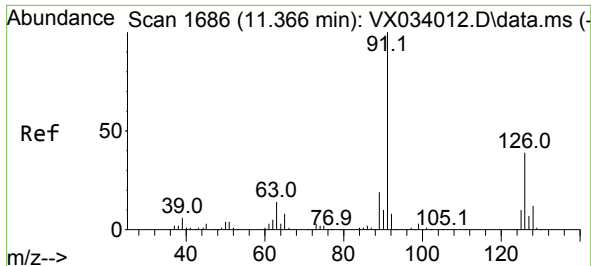
Tgt Ion: 91 Resp: 92624

Ion Ratio Lower Upper

91 100

120 24.3 12.3 36.8

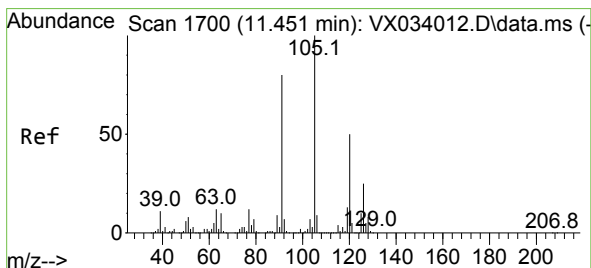
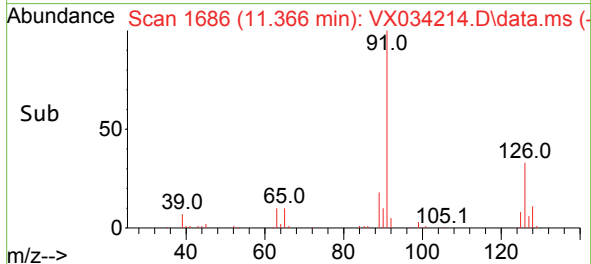
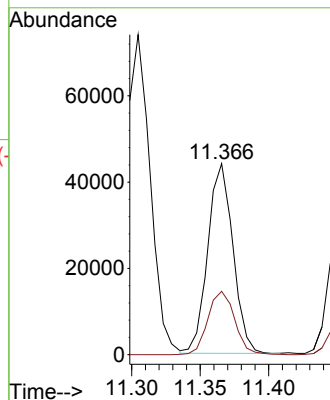
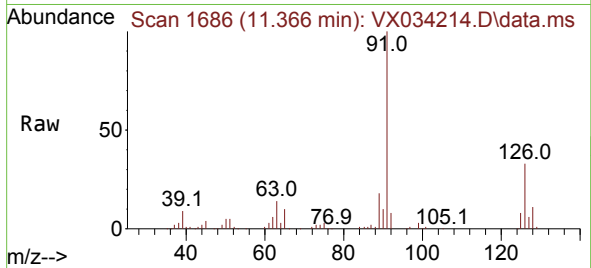




#79
2-Chlorotoluene
Concen: 4.796 ug/l
RT: 11.366 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034214.D
Acq: 21 Feb 2023 17:04

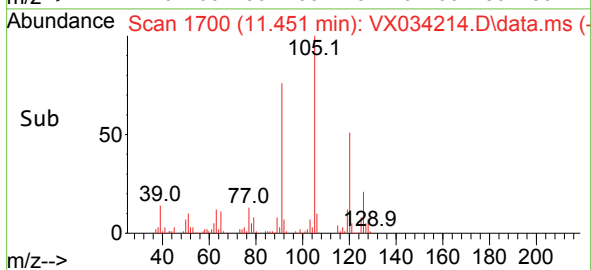
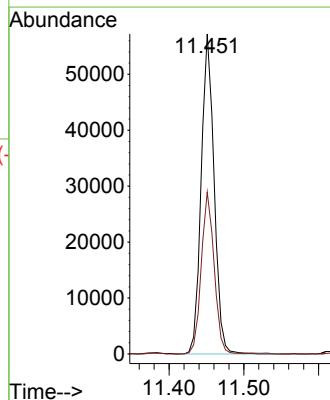
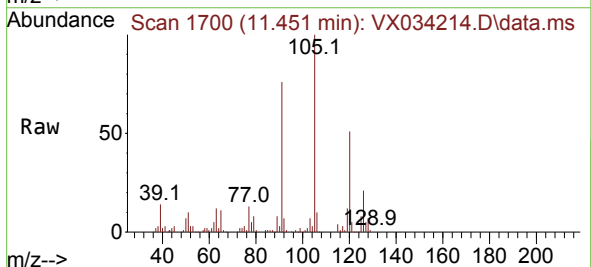
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2023

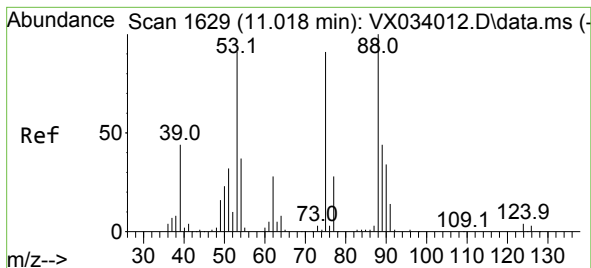
Tgt Ion: 91 Resp: 56170
Ion Ratio Lower Upper
91 100
126 35.7 18.1 54.1



#80
1,3,5-Trimethylbenzene
Concen: 4.976 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX034214.D
Acq: 21 Feb 2023 17:04

Tgt Ion: 105 Resp: 68703
Ion Ratio Lower Upper
105 100
120 50.4 25.6 76.8

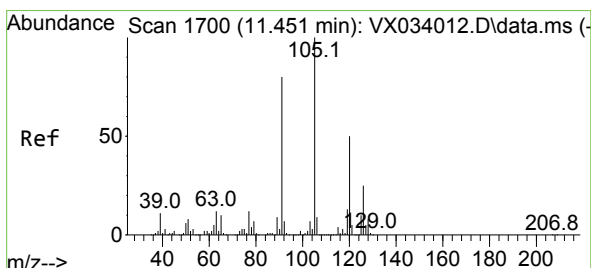
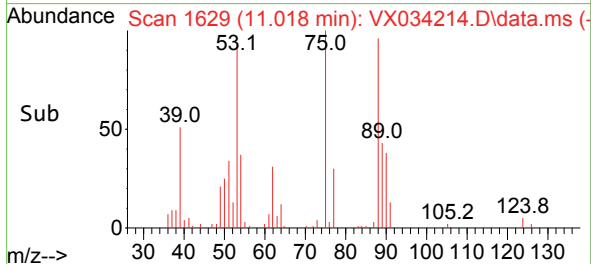
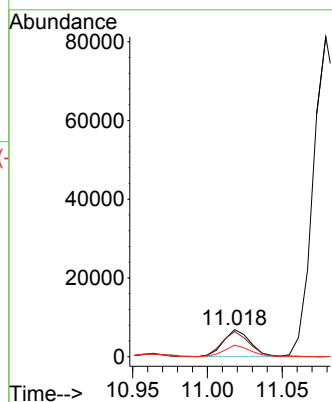
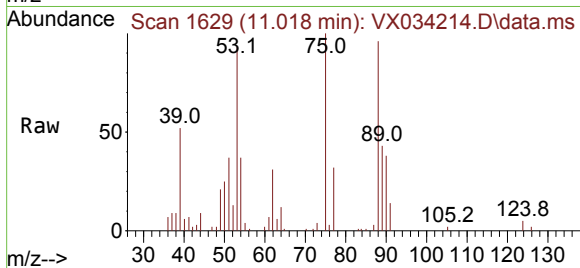




#81
trans-1,4-Dichloro-2-butene
Concen: 3.975 ug/l
RT: 11.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX034214.D
Acq: 21 Feb 2023 17:04

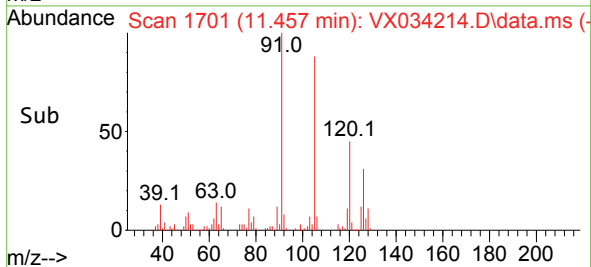
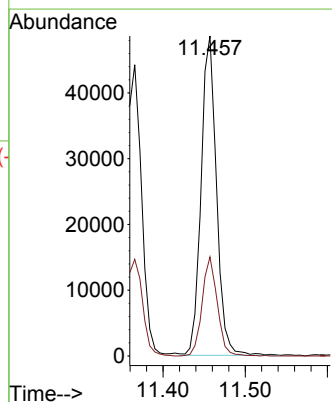
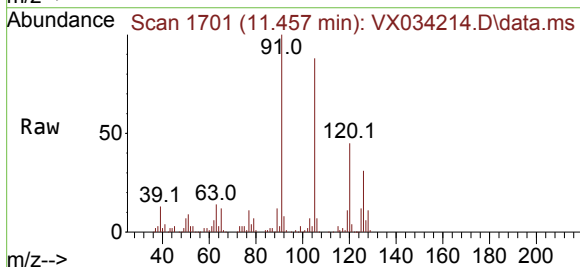
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2023

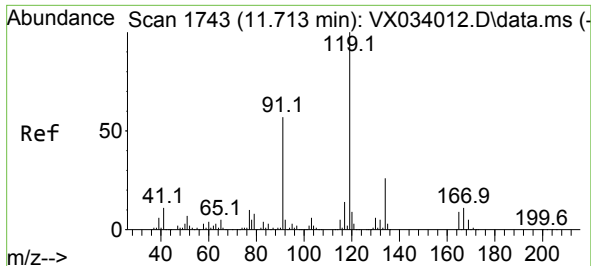
Tgt Ion: 75 Resp: 8389
Ion Ratio Lower Upper
75 100
53 98.6 83.0 124.6
89 42.3 37.7 56.5



#82
4-Chlorotoluene
Concen: 4.739 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX034214.D
Acq: 21 Feb 2023 17:04

Tgt Ion: 91 Resp: 63216
Ion Ratio Lower Upper
91 100
126 30.6 15.8 47.4

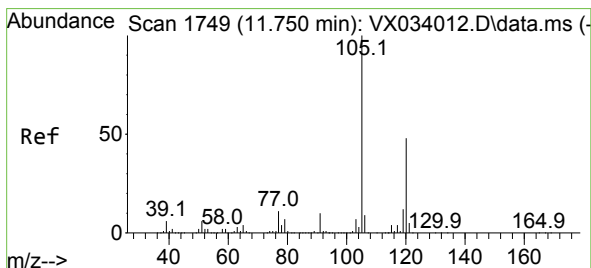
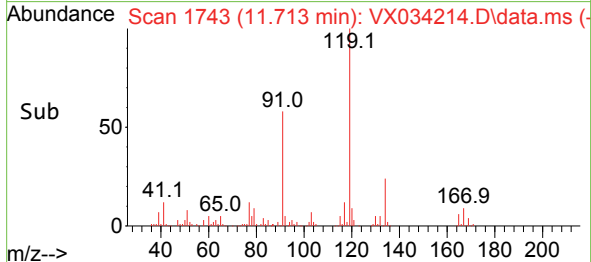
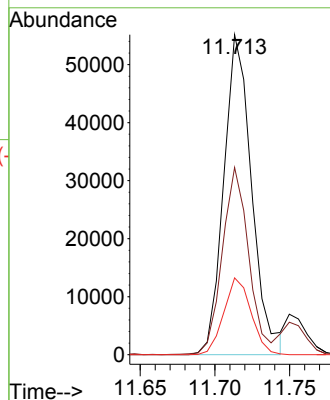
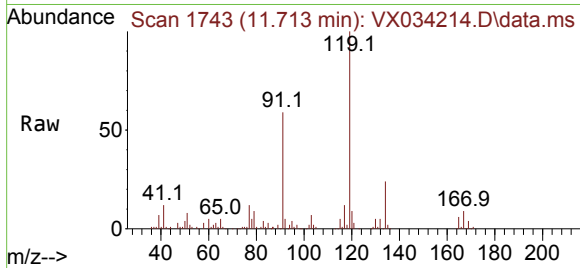




#83
tert-Butylbenzene
Concen: 5.061 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX034214.D
Acq: 21 Feb 2023 17:04

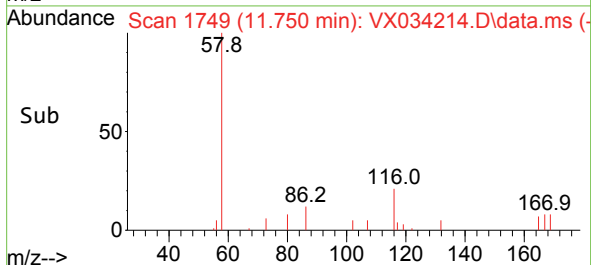
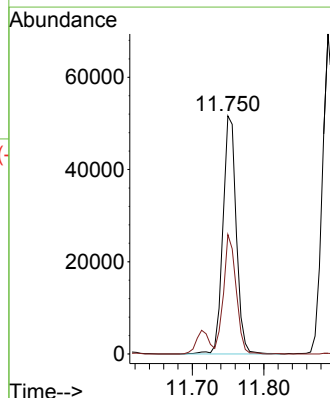
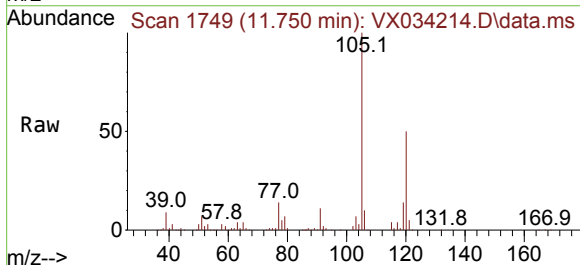
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2023

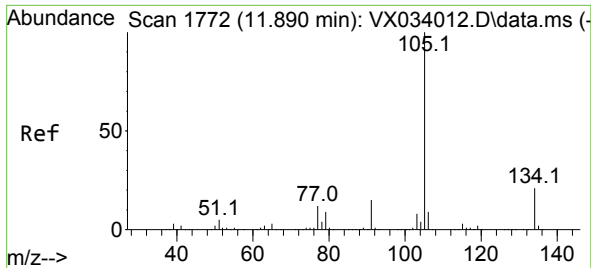
Tgt Ion:119 Resp: 71561
Ion Ratio Lower Upper
119 100
91 55.4 26.9 80.7
134 23.5 12.3 36.8



#84
1,2,4-Trimethylbenzene
Concen: 4.798 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX034214.D
Acq: 21 Feb 2023 17:04

Tgt Ion:105 Resp: 66973
Ion Ratio Lower Upper
105 100
120 47.2 23.4 70.2

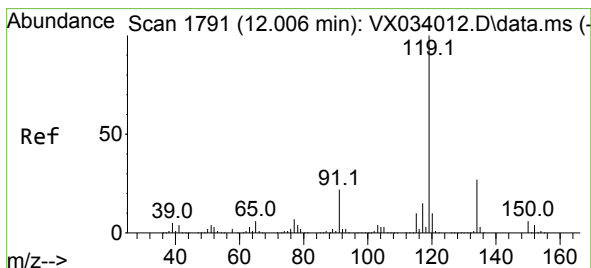
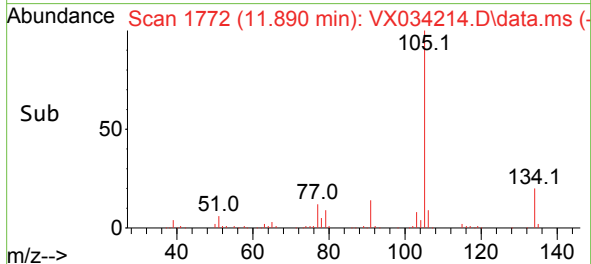
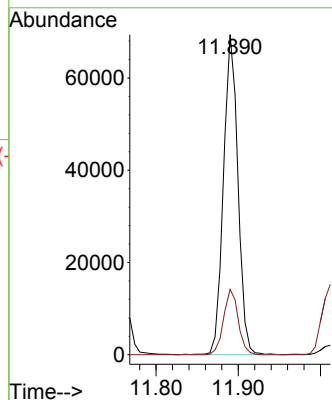
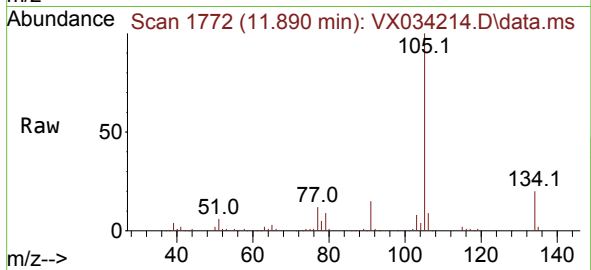




#85
 sec-Butylbenzene
 Concen: 4.943 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX034214.D
 Acq: 21 Feb 2023 17:04

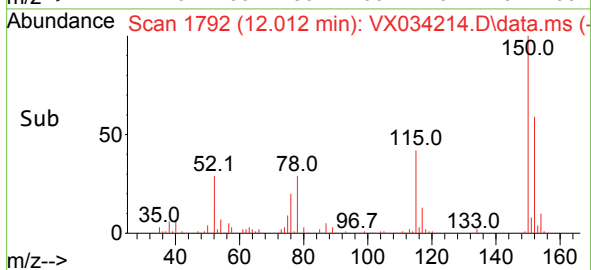
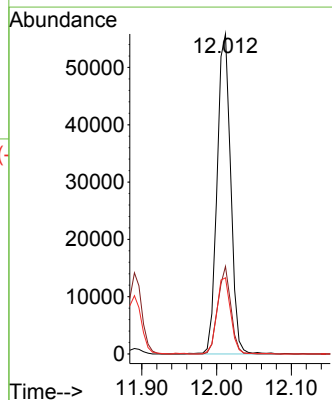
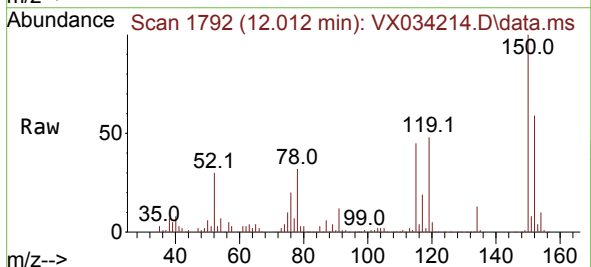
Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT1-2023

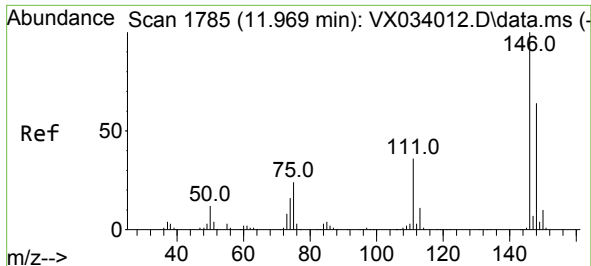
Tgt Ion:105 Resp: 84887
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.8 32.3



#86
 p-Isopropyltoluene
 Concen: 4.949 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX034214.D
 Acq: 21 Feb 2023 17:04

Tgt Ion:119 Resp: 70337
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.6 40.8
 91 24.6 11.0 33.0





#87

1,3-Dichlorobenzene

Concen: 5.061 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX034214.D

Acq: 21 Feb 2023 17:04

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2023

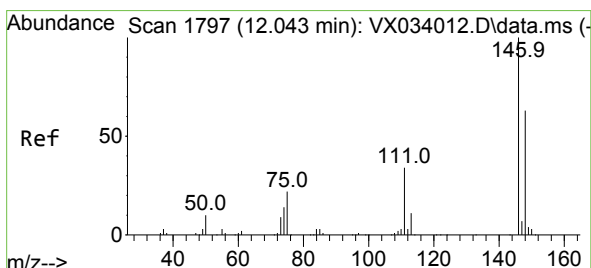
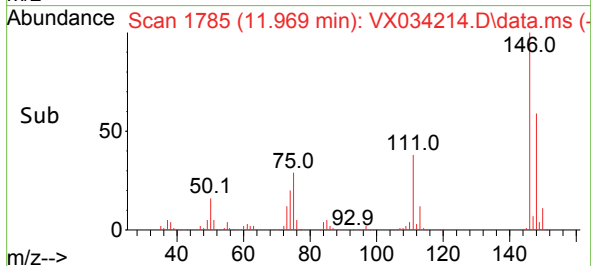
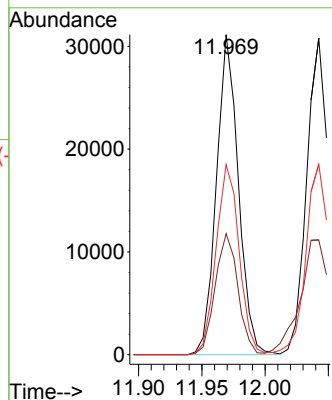
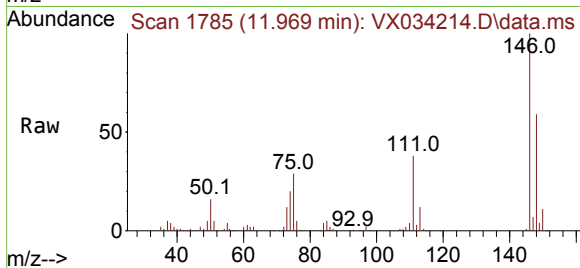
Tgt Ion:146 Resp: 37512

Ion Ratio Lower Upper

146 100

111 39.4 18.6 55.6

148 62.3 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 5.085 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX034214.D

Acq: 21 Feb 2023 17:04

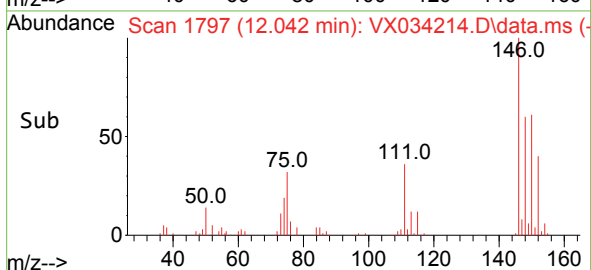
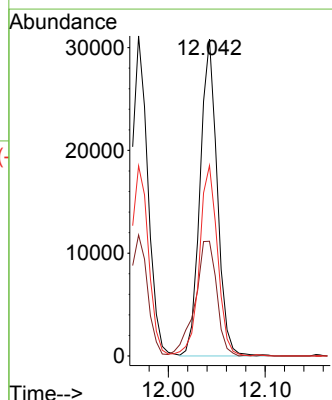
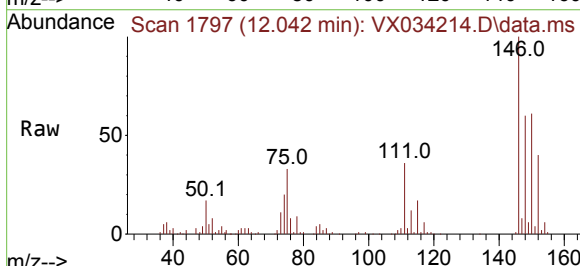
Tgt Ion:146 Resp: 38012

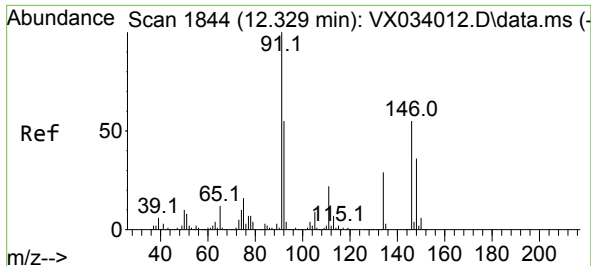
Ion Ratio Lower Upper

146 100

111 45.5 17.8 53.4

148 63.5 32.1 96.3





#89

n-Butylbenzene

Concen: 4.500 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX034214.D

Acq: 21 Feb 2023 17:04

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2023

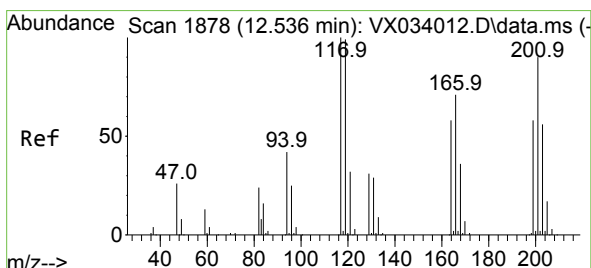
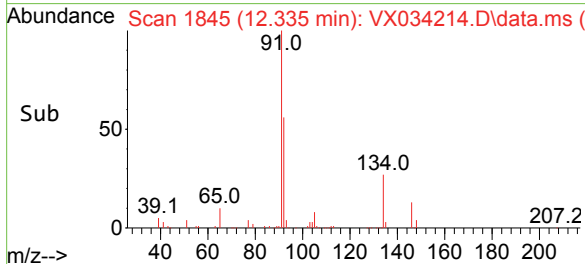
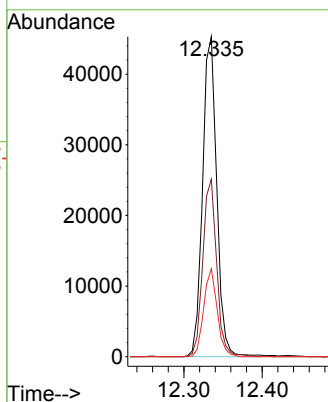
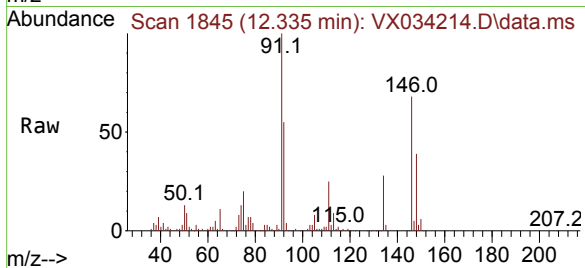
Tgt Ion: 91 Resp: 56953

Ion Ratio Lower Upper

91 100

92 54.3 27.5 82.5

134 26.1 14.3 42.9



#90

Hexachloroethane

Concen: 4.601 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX034214.D

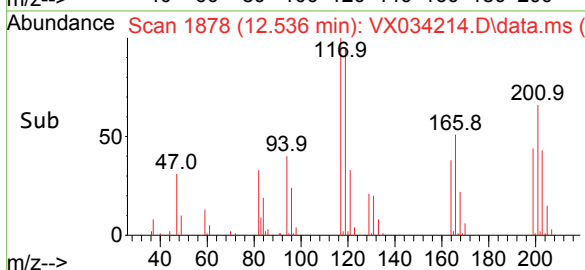
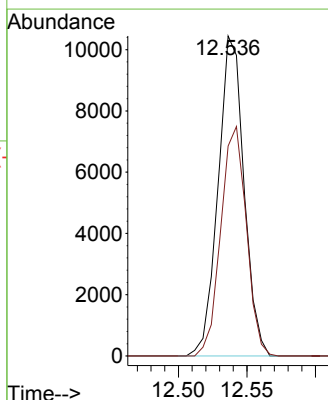
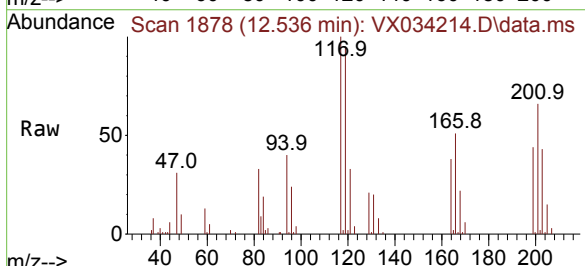
Acq: 21 Feb 2023 17:04

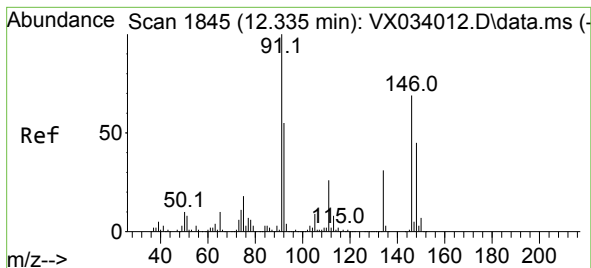
Tgt Ion: 117 Resp: 13670

Ion Ratio Lower Upper

117 100

201 71.0 45.1 135.3





#91

1,2-Dichlorobenzene

Concen: 5.206 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX034214.D

Acq: 21 Feb 2023 17:04

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2023

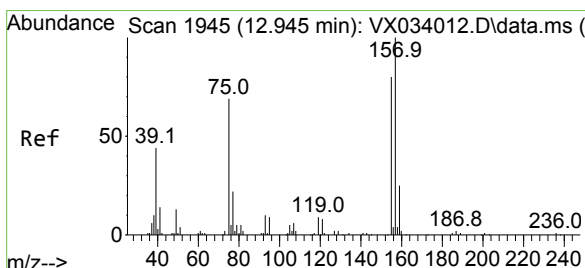
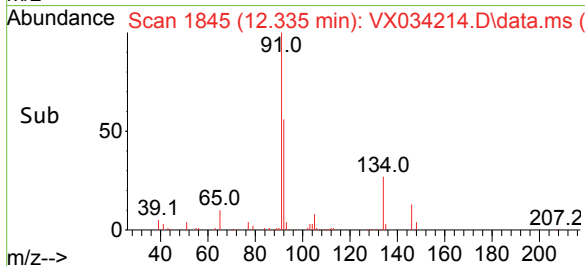
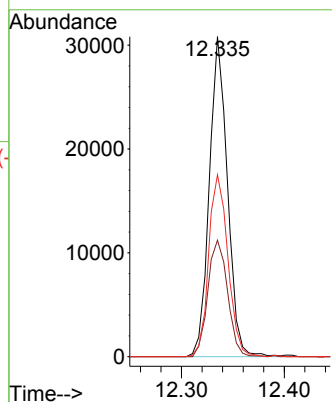
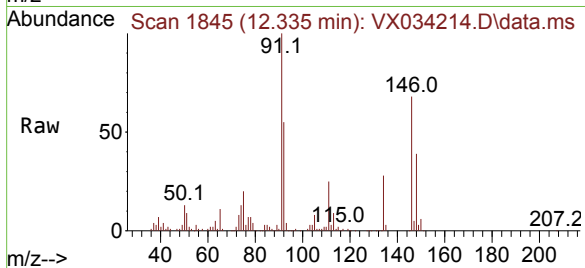
Tgt Ion:146 Resp: 37753

Ion Ratio Lower Upper

146 100

111 39.6 19.3 57.8

148 60.3 32.3 96.9



#92

1,2-Dibromo-3-Chloropropane

Concen: 4.050 ug/l

RT: 12.945 min Scan# 1945

Delta R.T. 0.000 min

Lab File: VX034214.D

Acq: 21 Feb 2023 17:04

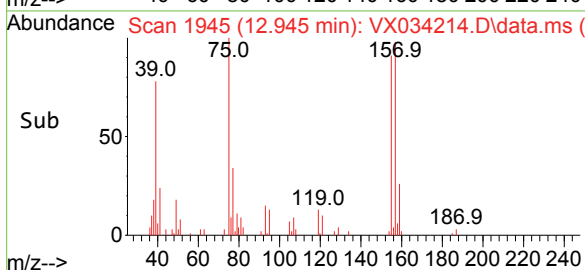
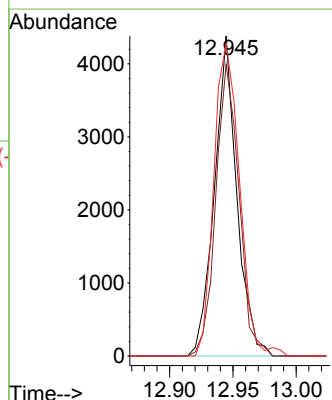
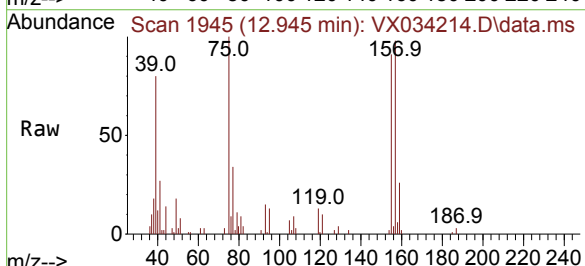
Tgt Ion: 75 Resp: 5424

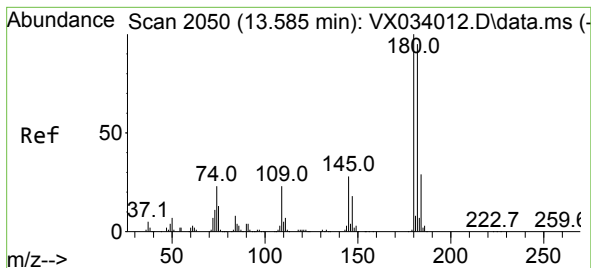
Ion Ratio Lower Upper

75 100

155 93.8 51.7 155.1

157 111.1 67.5 202.3





#93

1,2,4-Trichlorobenzene

Concen: 4.677 ug/l

RT: 13.591 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX034214.D

Acq: 21 Feb 2023 17:04

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2023

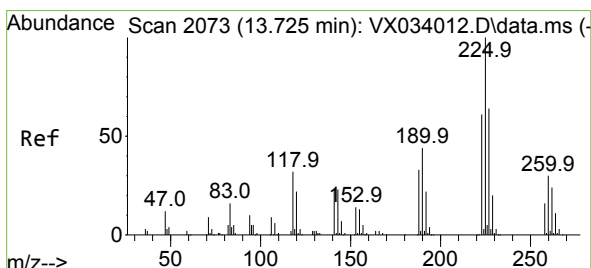
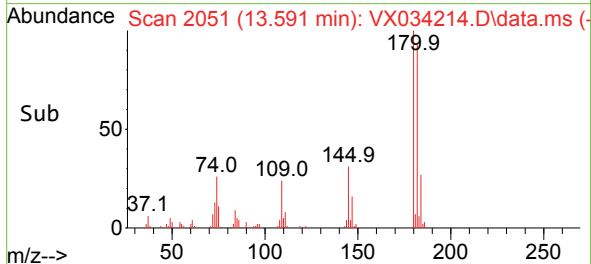
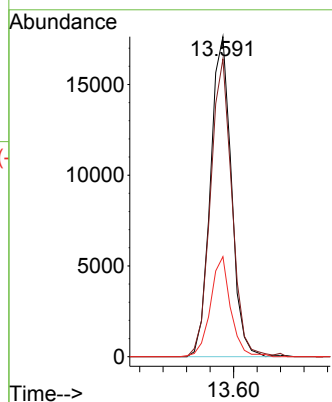
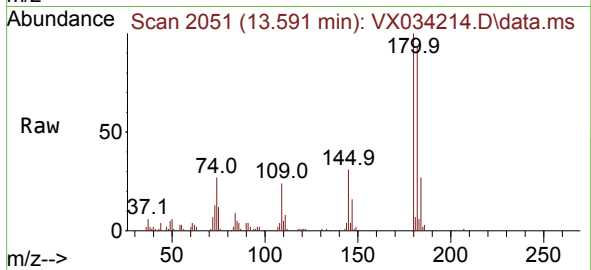
Tgt Ion:180 Resp: 21773

Ion Ratio Lower Upper

180 100

182 95.3 47.9 143.6

145 30.3 14.1 42.2



#94

Hexachlorobutadiene

Concen: 4.655 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX034214.D

Acq: 21 Feb 2023 17:04

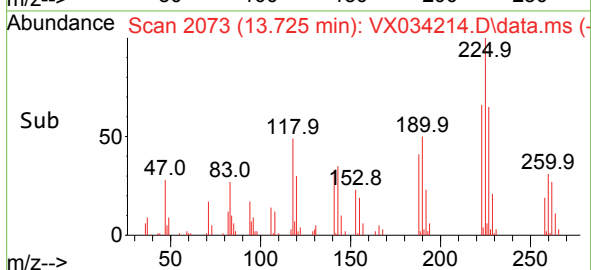
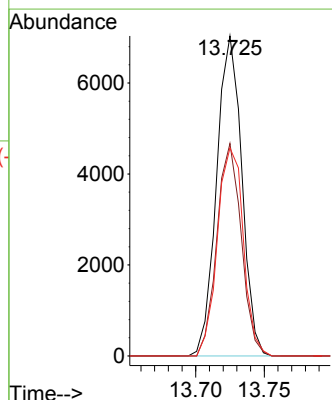
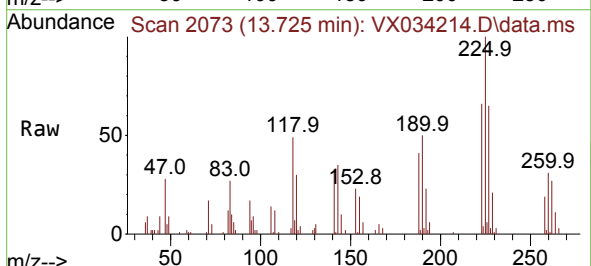
Tgt Ion:225 Resp: 8984

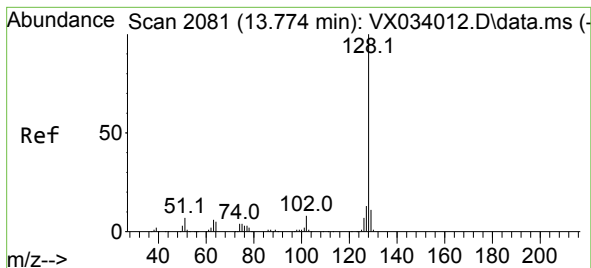
Ion Ratio Lower Upper

225 100

223 64.3 31.3 93.9

227 66.8 32.3 96.9





#95

Naphthalene

Concen: 4.708 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX034214.D

Acq: 21 Feb 2023 17:04

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2023

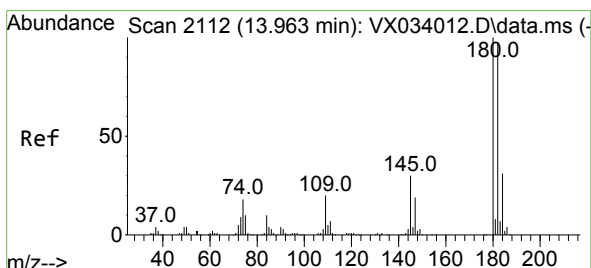
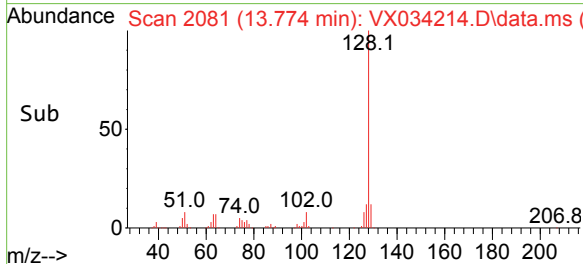
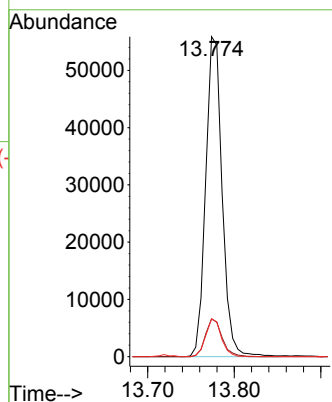
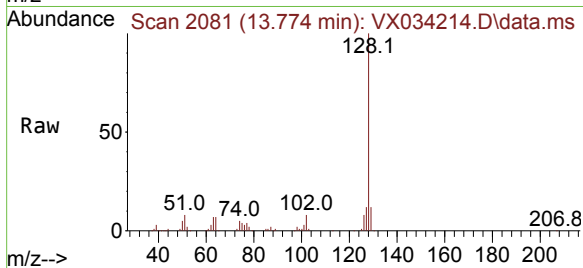
Tgt Ion:128 Resp: 73835

Ion Ratio Lower Upper

128 100

127 11.9 10.3 15.5

129 11.3 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 4.829 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX034214.D

Acq: 21 Feb 2023 17:04

Tgt Ion:180 Resp: 22317

Ion Ratio Lower Upper

180 100

182 91.4 47.6 142.9

145 32.4 15.1 45.3

