

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072123\
 Data File : VX036616.D
 Acq On : 21 Jul 2023 18:05
 Operator : JC/MD
 Sample : 03572-08 1.0PPB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT3-2023

Quant Time: Jul 22 05:14:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 12:14:12 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	148652	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	255600	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	224483	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	101696	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	96835	44.025	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	88.060%
35) Dibromofluoromethane	5.385	113	83394	47.468	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.940%
50) Toluene-d8	8.647	98	308659	49.542	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.080%
62) 4-Bromofluorobenzene	11.079	95	111421	47.402	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.800%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.166	85	2213	1.127	ug/l	85
3) Chloromethane	1.294	50	1926	1.078	ug/l	95
4) Vinyl Chloride	1.374	62	1960	1.078	ug/l	97
5) Bromomethane	1.618	94	1432	1.319	ug/l	86
6) Chloroethane	1.691	64	1410	1.595	ug/l #	77
7) Trichlorofluoromethane	1.886	101	3132	1.115	ug/l	94
8) Diethyl Ether	2.136	74	1170	1.077	ug/l	74
9) 1,1,2-Trichlorotrifluo...	2.331	101	1755	1.040	ug/l #	90
10) Methyl Iodide	2.453	142	1482	0.846	ug/l	91
11) Tert butyl alcohol	3.001	59	3126	6.003	ug/l #	95
12) 1,1-Dichloroethene	2.319	96	1927	1.158	ug/l	88
13) Acrolein	2.239	56	1879	6.323	ug/l	92
14) Allyl chloride	2.666	41	3365	1.027	ug/l	94
15) Acrylonitrile	3.081	53	5516	5.267	ug/l	96
16) Acetone	2.398	43	5494	6.019	ug/l	94
17) Carbon Disulfide	2.514	76	5501	1.197	ug/l	100
18) Methyl Acetate	2.709	43	3972	1.034	ug/l	95
19) Methyl tert-butyl Ether	3.117	73	5715	0.914	ug/l	98
20) Methylene Chloride	2.788	84	2488	1.226	ug/l #	86
21) trans-1,2-Dichloroethene	3.093	96	2021	1.086	ug/l #	78
22) Diisopropyl ether	3.763	45	6468	1.039	ug/l	95
23) Vinyl Acetate	3.727	43	21771	4.560	ug/l	98
24) 1,1-Dichloroethane	3.617	63	3499	1.003	ug/l #	93
25) 2-Butanone	4.574	43	8221	5.552	ug/l #	89
26) 2,2-Dichloropropane	4.471	77	3647	1.109	ug/l	91
27) cis-1,2-Dichloroethene	4.495	96	2407	1.089	ug/l	87
28) Bromochloromethane	4.910	49	1635	0.969	ug/l #	99
29) Tetrahydrofuran	5.032	42	5042	5.281	ug/l #	87
30) Chloroform	5.093	83	3951	1.107	ug/l	93
31) Cyclohexane	5.471	56	3669	1.205	ug/l	93
32) 1,1,1-Trichloroethane	5.385	97	3550	1.085	ug/l #	50
36) 1,1-Dichloropropene	5.702	75	2814	1.075	ug/l #	91
37) Ethyl Acetate	4.727	43	3204	1.081	ug/l #	88
38) Carbon Tetrachloride	5.678	117	2979	1.070	ug/l	97
39) Methylcyclohexane	7.379	83	3518	1.080	ug/l	88
40) Benzene	6.050	78	7707	1.012	ug/l	92

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	1481	0.934	ug/l #	73
42) 1,2-Dichloroethane	6.092	62	2718	0.976	ug/l	90
43) Isopropyl Acetate	6.348	43	4457	0.874	ug/l	97
44) Trichloroethene	7.129	130	1959	0.984	ug/l	66
45) 1,2-Dichloropropane	7.427	63	2110	1.037	ug/l	100
46) Dibromomethane	7.586	93	1312	0.922	ug/l	89
47) Bromodichloromethane	7.824	83	2940	1.006	ug/l #	96
48) Methyl methacrylate	7.696	41	2161	0.911	ug/l #	71
49) 1,4-Dioxane	7.720	88	954	19.903	ug/l #	54
51) 4-Methyl-2-Pentanone	8.574	43	14031	4.970	ug/l	94
52) Toluene	8.720	92	4798	1.005	ug/l	91
53) t-1,3-Dichloropropene	8.982	75	2817	0.853	ug/l #	88
54) cis-1,3-Dichloropropene	8.372	75	3306	0.949	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	1826	0.910	ug/l	91
56) Ethyl methacrylate	9.122	69	2898	0.887	ug/l	98
57) 1,3-Dichloropropane	9.311	76	2881	0.862	ug/l #	87
58) 2-Chloroethyl Vinyl ether	8.244	63	7225	4.487	ug/l	96
59) 2-Hexanone	9.433	43	10457	4.991	ug/l	95
60) Dibromochloromethane	9.525	129	1996	0.905	ug/l	96
61) 1,2-Dibromoethane	9.610	107	1873	0.901	ug/l	98
64) Tetrachloroethene	9.275	164	1733	1.035	ug/l	96
65) Chlorobenzene	10.079	112	5137	1.038	ug/l	94
66) 1,1,1,2-Tetrachloroethane	10.165	131	1931	1.010	ug/l #	65
67) Ethyl Benzene	10.195	91	9565	1.058	ug/l	97
68) m/p-Xylenes	10.305	106	6780	2.010	ug/l	94
69) o-Xylene	10.640	106	3286	0.976	ug/l	95
70) Styrene	10.659	104	5421	0.976	ug/l	99
71) Bromoform	10.799	173	1247	0.805	ug/l #	96
73) Isopropylbenzene	10.963	105	8796	1.045	ug/l	98
74) N-amyl acetate	10.841	43	4031	1.027	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	2989	1.052	ug/l	96
76) 1,2,3-Trichloropropane	11.238	75	3034	1.268	ug/l	92
77) Bromobenzene	11.201	156	1739	0.907	ug/l	82
78) n-propylbenzene	11.305	91	10343	1.063	ug/l	100
79) 2-Chlorotoluene	11.366	91	6422	1.089	ug/l	95
80) 1,3,5-Trimethylbenzene	11.451	105	7528	1.069	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.079	75	56940	53.954	ug/l #	5
82) 4-Chlorotoluene	11.457	91	7696	1.145	ug/l	92
83) tert-Butylbenzene	11.713	119	7255	1.049	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	7322	1.040	ug/l	97
85) sec-Butylbenzene	11.890	105	8943	1.037	ug/l	98
86) p-Isopropyltoluene	12.006	119	7048	0.993	ug/l	88
87) 1,3-Dichlorobenzene	11.969	146	3363	0.947	ug/l	96
88) 1,4-Dichlorobenzene	11.969	146	3363	0.955	ug/l	95
89) n-Butylbenzene	12.329	91	6511	1.025	ug/l	98
90) Hexachloroethane	12.536	117	1465	1.018	ug/l	92
91) 1,2-Dichlorobenzene	12.335	146	3409	0.995	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.945	75	603	0.913	ug/l	85
93) 1,2,4-Trichlorobenzene	13.591	180	2099	0.995	ug/l	91
94) Hexachlorobutadiene	13.725	225	882	1.010	ug/l	99
95) Naphthalene	13.774	128	7013	0.954	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	1906	0.916	ug/l	95

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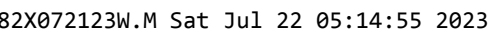
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT3-2023

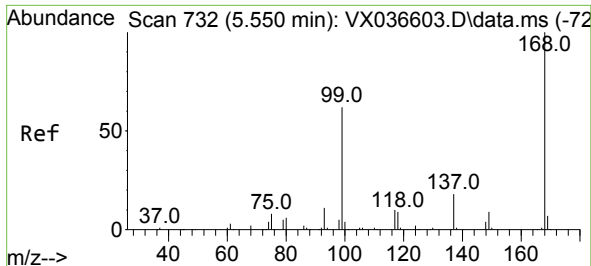
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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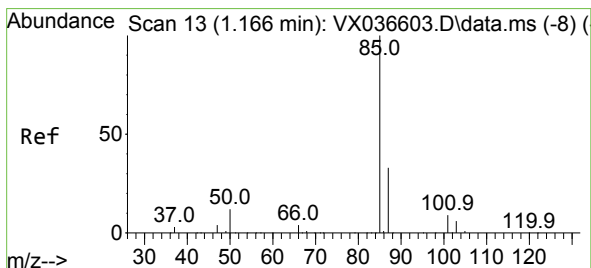
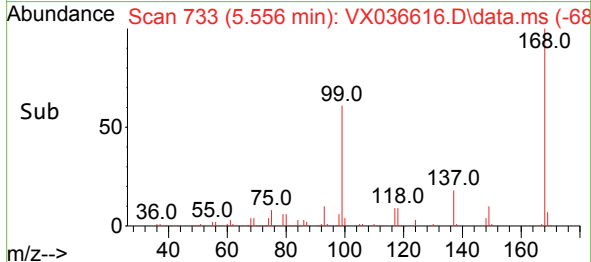
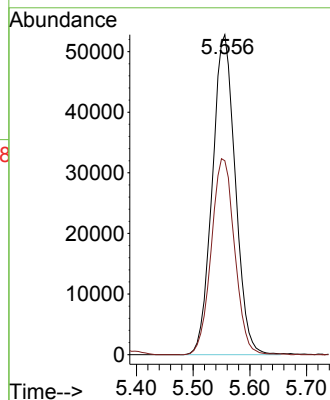
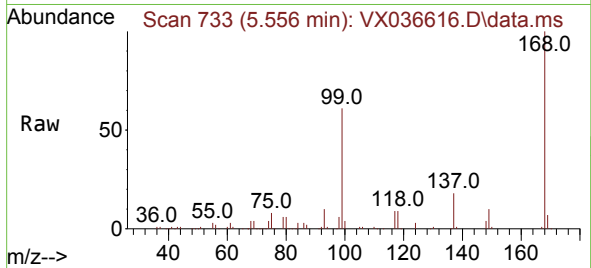




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX036616.D
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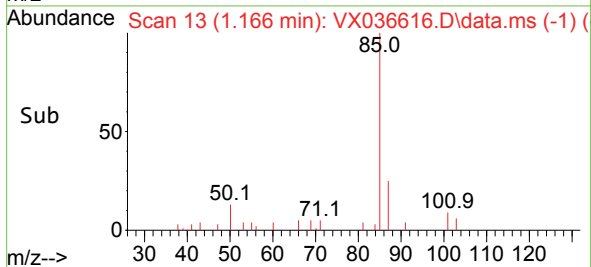
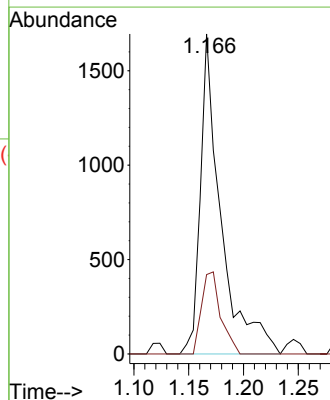
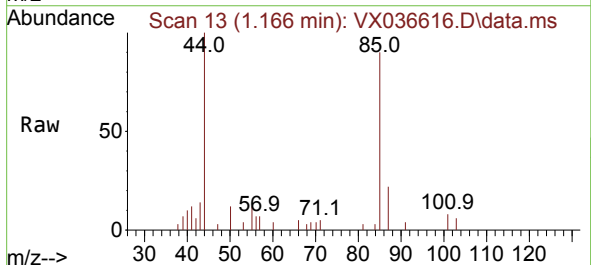
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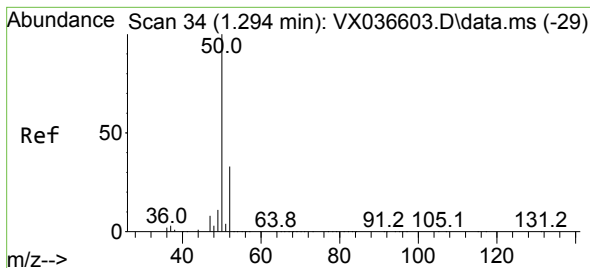
Tgt Ion:168 Resp: 148652
Ion Ratio Lower Upper
168 100
99 60.6 56.6 85.0



#2
Dichlorodifluoromethane
Concen: 1.127 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX036616.D
Acq: 21 Jul 2023 18:05

Tgt Ion: 85 Resp: 2213
Ion Ratio Lower Upper
85 100
87 24.8 16.7 50.1





#3

Chloromethane

Concen: 1.078 ug/l

RT: 1.294 min Scan# 34

Delta R.T. 0.000 min

Lab File: VX036616.D

Acq: 21 Jul 2023 18:05

Instrument :

MSVOA_X

ClientSampleId :

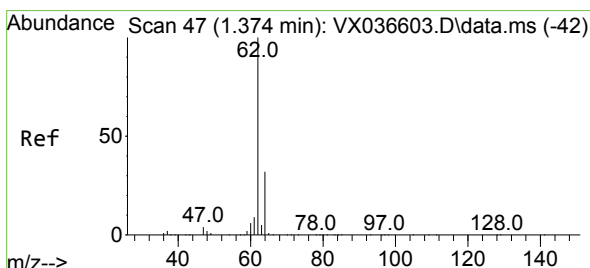
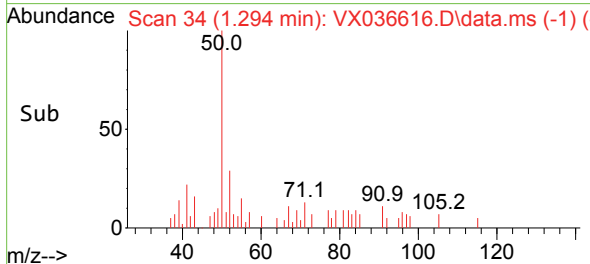
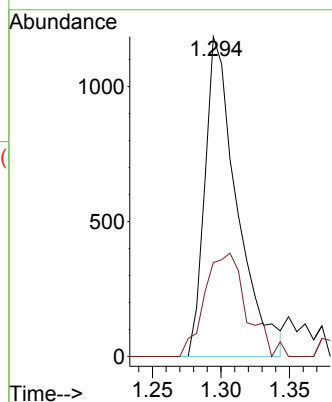
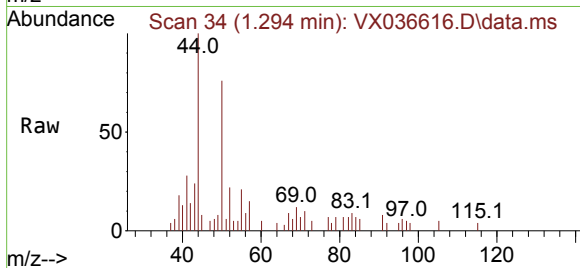
LOQ-WATER-02-QT3-2023

Tgt Ion: 50 Resp: 1926

Ion Ratio Lower Upper

50 100

52 29.4 25.5 38.3



#4

Vinyl Chloride

Concen: 1.078 ug/l

RT: 1.374 min Scan# 47

Delta R.T. 0.000 min

Lab File: VX036616.D

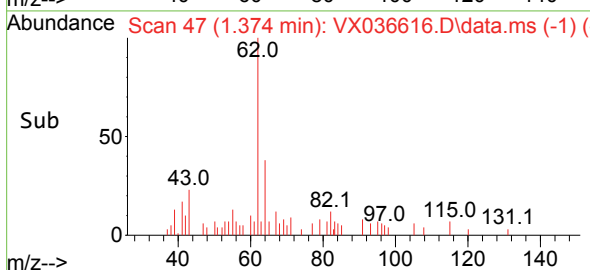
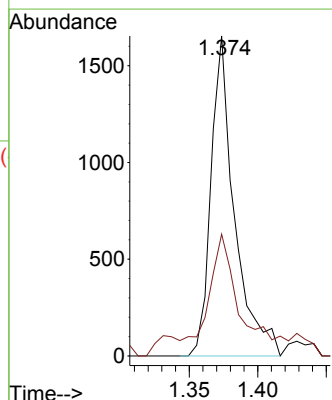
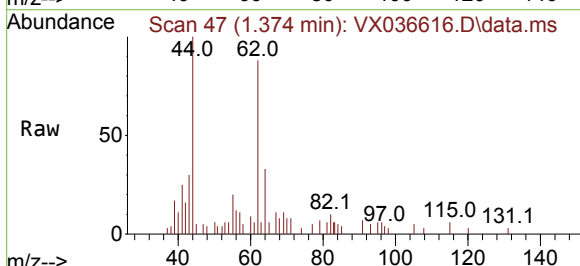
Acq: 21 Jul 2023 18:05

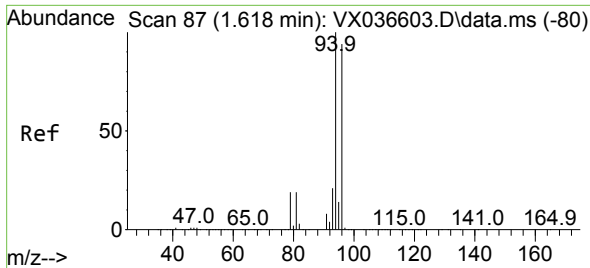
Tgt Ion: 62 Resp: 1960

Ion Ratio Lower Upper

62 100

64 33.3 25.4 38.0

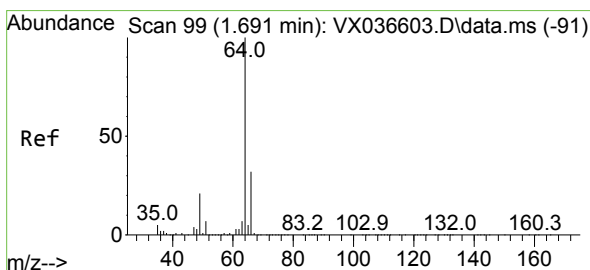
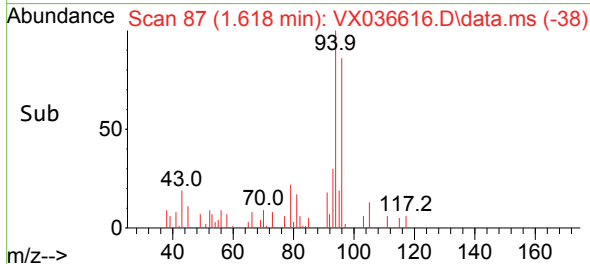
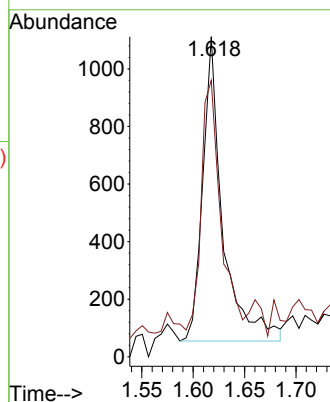
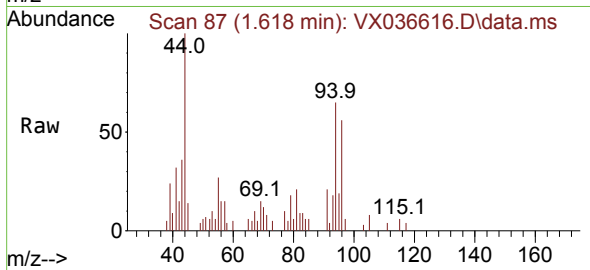




#5
Bromomethane
Concen: 1.319 ug/l
RT: 1.618 min Scan# 87
Delta R.T. 0.000 min
Lab File: VX036616.D
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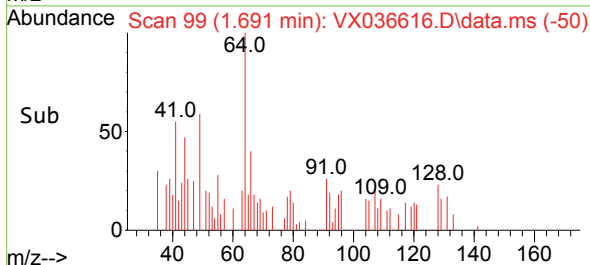
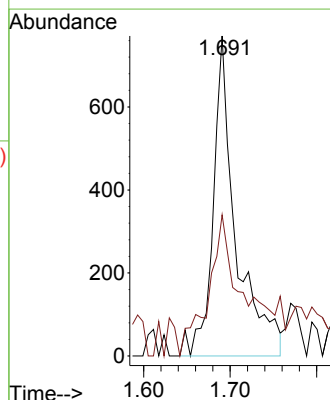
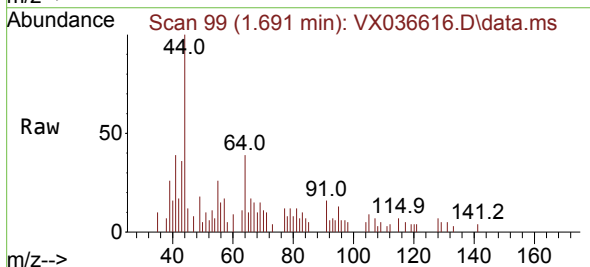
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Tgt Ion: 94 Resp: 1432
Ion Ratio Lower Upper
94 100
96 80.0 74.6 111.8



#6
Chloroethane
Concen: 1.595 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.000 min
Lab File: VX036616.D
Acq: 21 Jul 2023 18:05

Tgt Ion: 64 Resp: 1410
Ion Ratio Lower Upper
64 100
66 44.1 25.1 37.7#

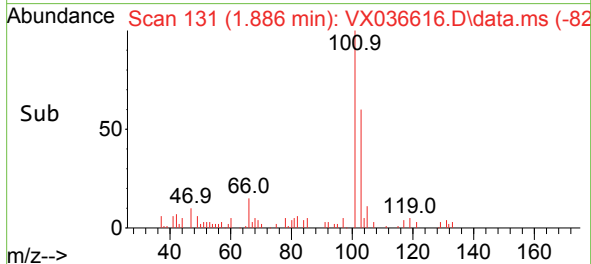
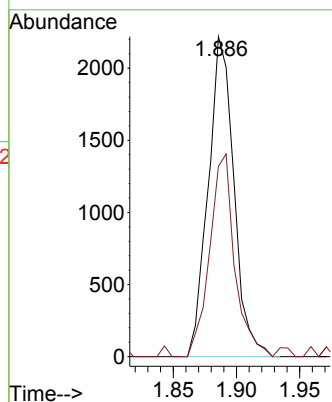
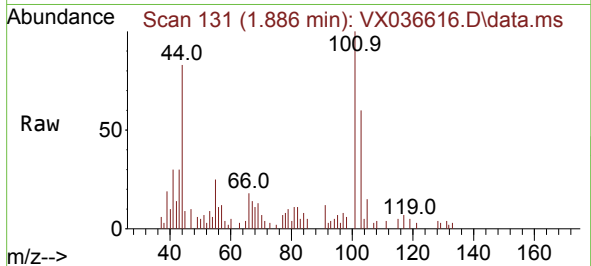




#7
Trichlorofluoromethane
Concen: 1.115 ug/l
RT: 1.886 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX036616.D
Acq: 21 Jul 2023 18:05

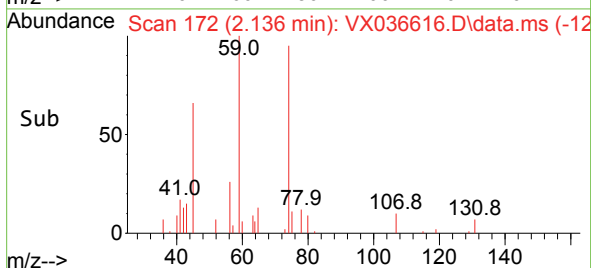
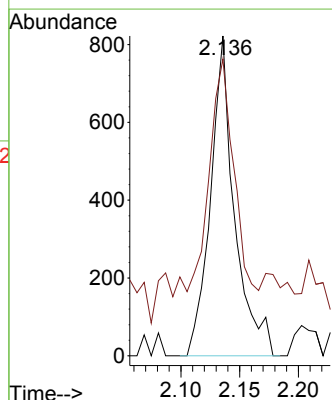
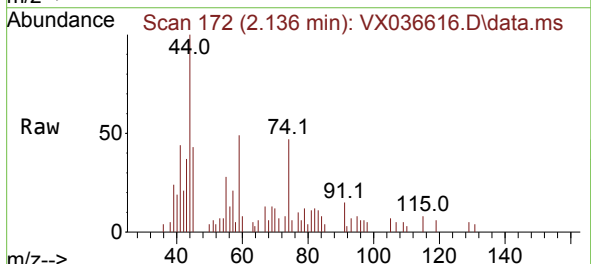
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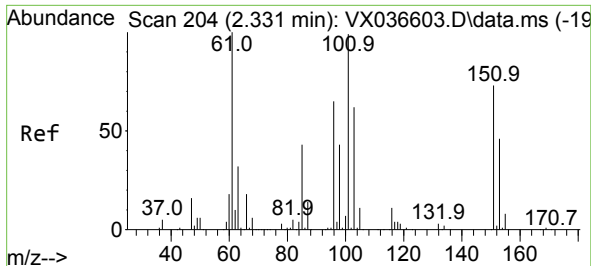
Tgt Ion:101 Resp: 3132
Ion Ratio Lower Upper
101 100
103 59.5 51.4 77.2



#8
Diethyl Ether
Concen: 1.077 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX036616.D
Acq: 21 Jul 2023 18:05

Tgt Ion: 74 Resp: 1170
Ion Ratio Lower Upper
74 100
45 79.1 53.3 159.8

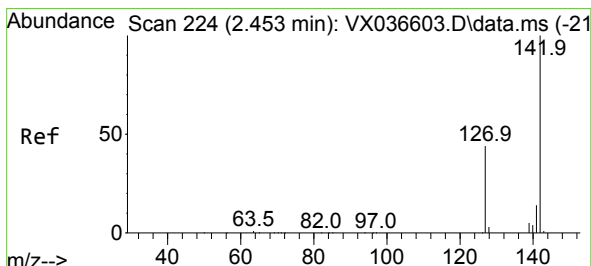
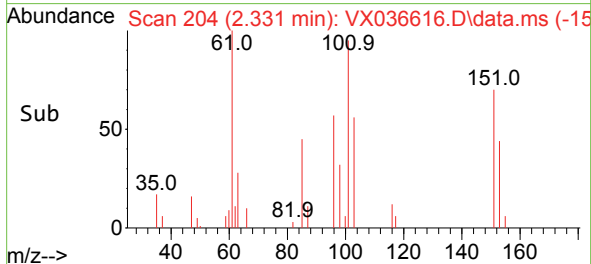
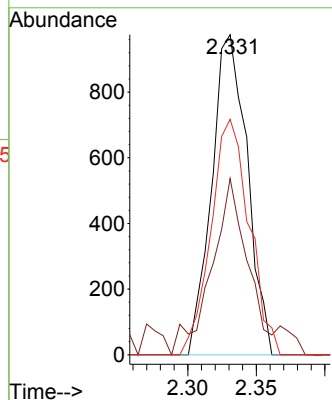
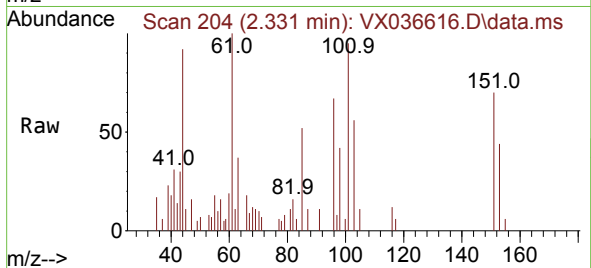




#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.040 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
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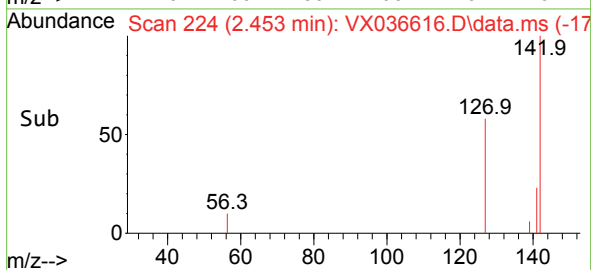
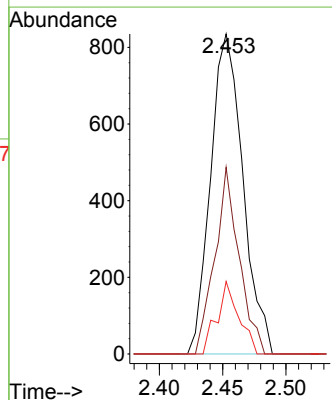
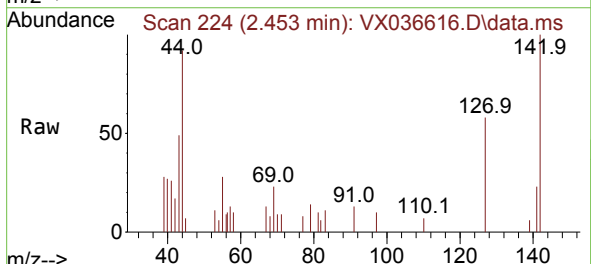
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT3-2023

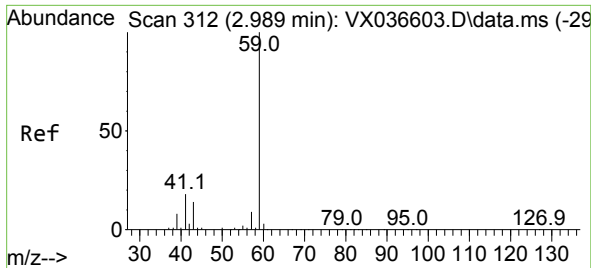
Tgt Ion:101 Resp: 1755
Ion Ratio Lower Upper
101 100
85 55.8 37.0 55.6#
151 79.5 58.6 87.8



#10
Methyl Iodide
Concen: 0.846 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX036616.D
Acq: 21 Jul 2023 18:05

Tgt Ion:142 Resp: 1482
Ion Ratio Lower Upper
142 100
127 43.9 41.6 62.4
141 15.3 11.6 17.4





#11

Tert butyl alcohol

Concen: 6.003 ug/l

RT: 3.001 min Scan# 312

Delta R.T. 0.012 min

Lab File: VX036616.D

Acq: 21 Jul 2023 18:05

Instrument :

MSVOA_X

ClientSampleId :

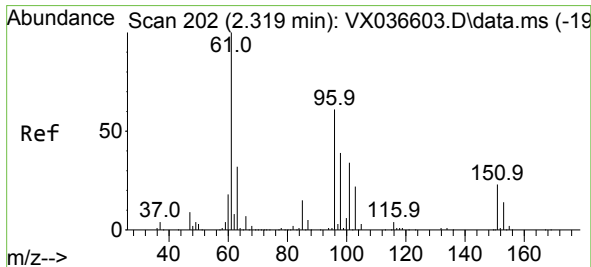
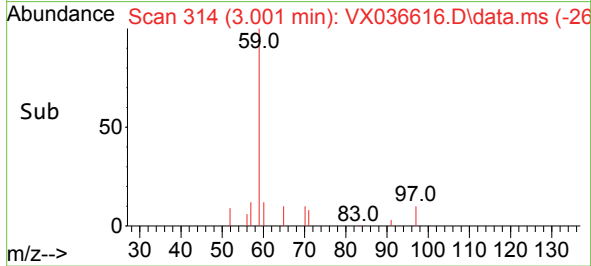
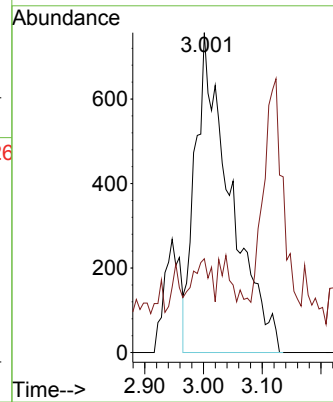
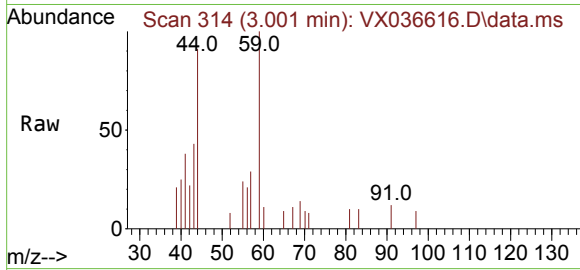
LOQ-WATER-02-QT3-2023

Tgt Ion: 59 Resp: 3126

Ion Ratio Lower Upper

59 100

57 9.4 6.0 9.0#



#12

1,1-Dichloroethene

Concen: 1.158 ug/l

RT: 2.319 min Scan# 202

Delta R.T. 0.000 min

Lab File: VX036616.D

Acq: 21 Jul 2023 18:05

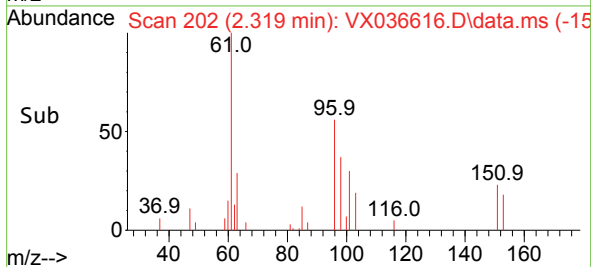
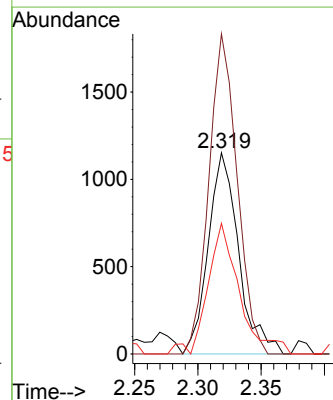
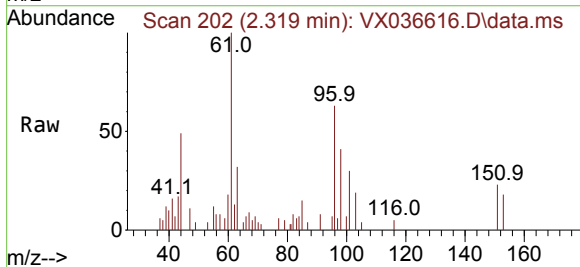
Tgt Ion: 96 Resp: 1927

Ion Ratio Lower Upper

96 100

61 159.1 144.6 216.8

98 59.9 50.4 75.6





#13

Acrolein

Concen: 6.323 ug/l

RT: 2.239 min Scan# 189

Delta R.T. 0.000 min

Lab File: VX036616.D

Acq: 21 Jul 2023 18:05

Instrument :

MSVOA_X

ClientSampleId :

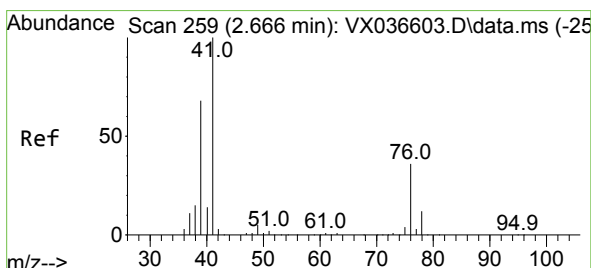
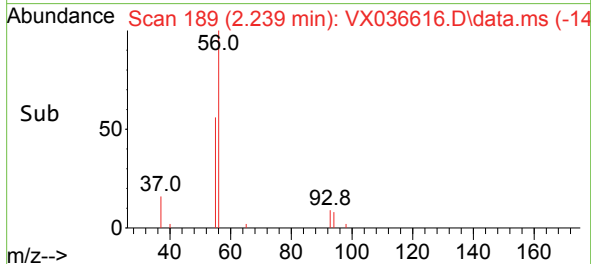
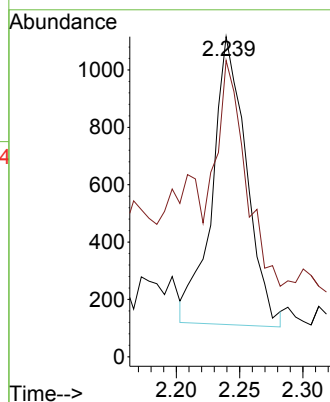
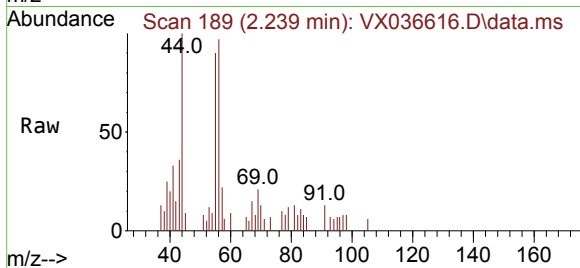
LOQ-WATER-02-QT3-2023

Tgt Ion: 56 Resp: 1879

Ion Ratio Lower Upper

56 100

55 65.0 57.1 85.7



#14

Allyl chloride

Concen: 1.027 ug/l

RT: 2.666 min Scan# 259

Delta R.T. 0.000 min

Lab File: VX036616.D

Acq: 21 Jul 2023 18:05

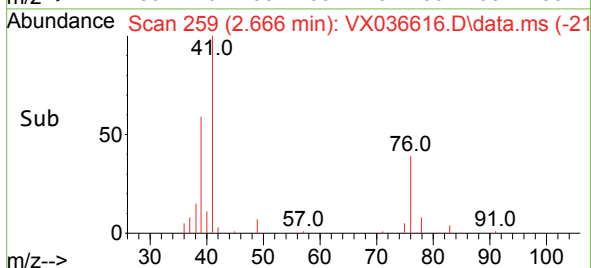
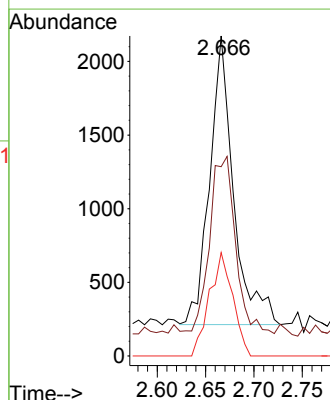
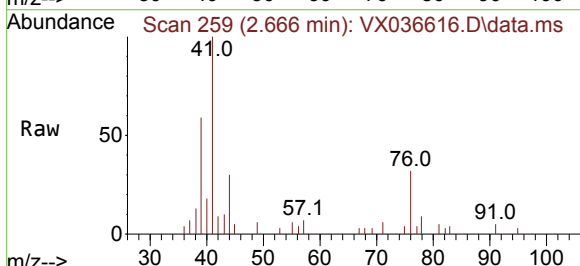
Tgt Ion: 41 Resp: 3365

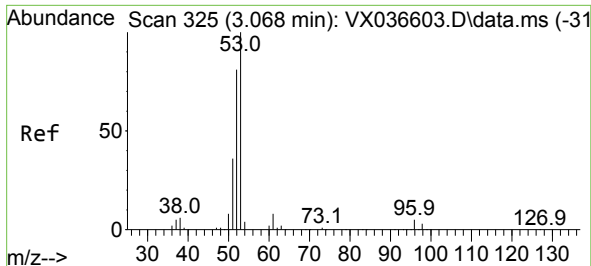
Ion Ratio Lower Upper

41 100

39 65.9 55.8 83.6

76 34.9 24.3 36.5

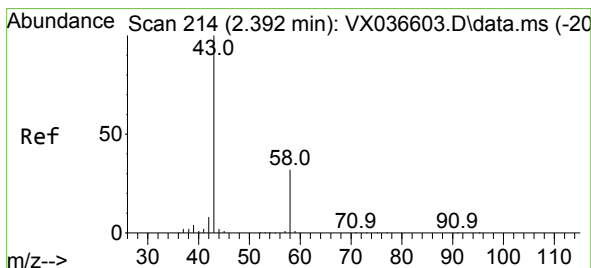
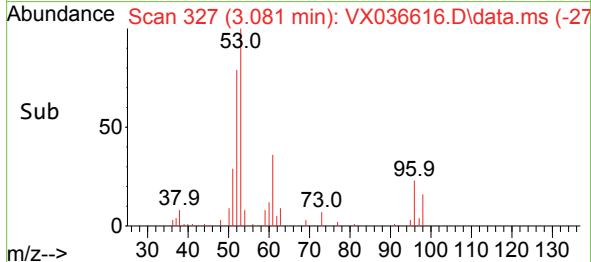
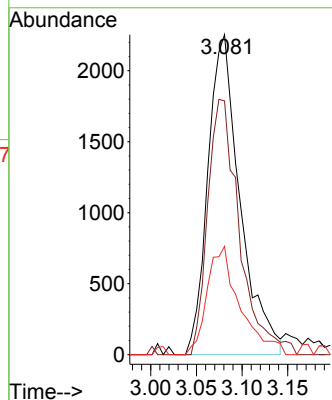
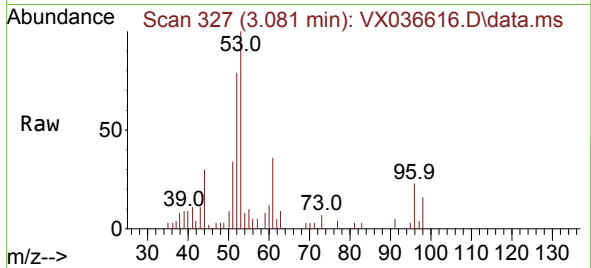




#15
Acrylonitrile
Concen: 5.267 ug/l
RT: 3.081 min Scan# 31
Delta R.T. 0.012 min
Lab File: VX036616.D
Acq: 21 Jul 2023 18:05

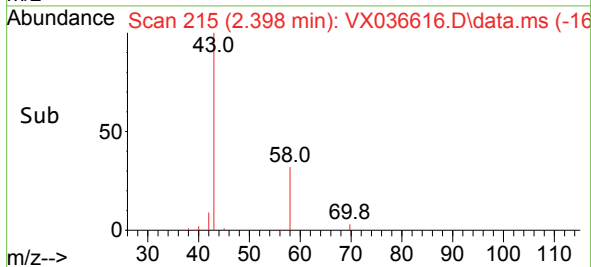
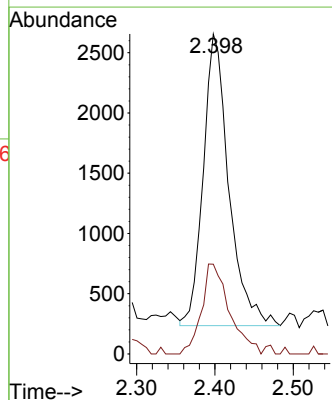
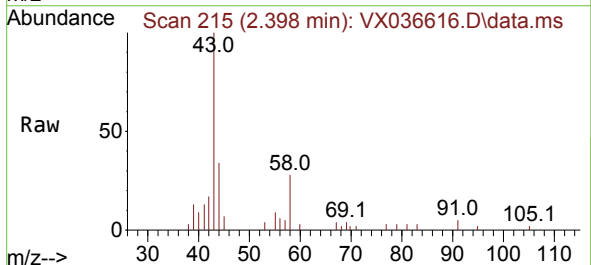
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT3-2023

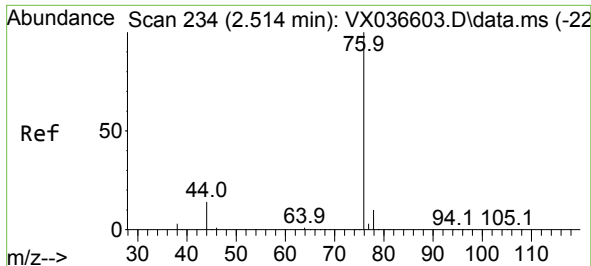
Tgt Ion: 53	Resp:	5516
Ion Ratio	Lower	Upper
53	100	
52	78.7	66.0 99.0
51	34.4	29.8 44.6



#16
Acetone
Concen: 6.019 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.006 min
Lab File: VX036616.D
Acq: 21 Jul 2023 18:05

Tgt Ion: 43	Resp:	5494
Ion Ratio	Lower	Upper
43	100	
58	30.8	21.9 32.9

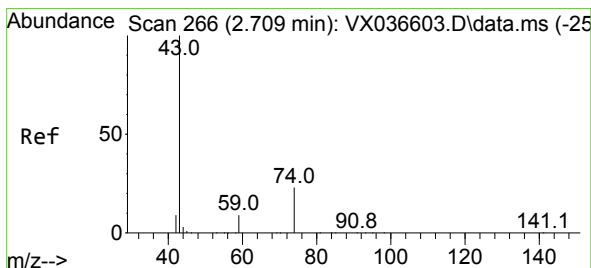
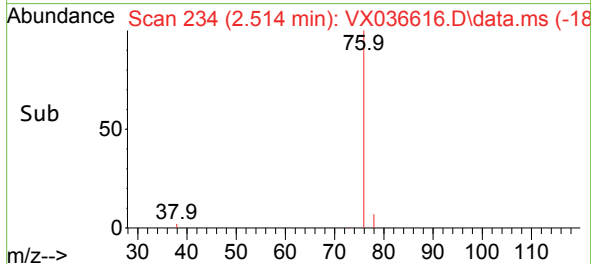
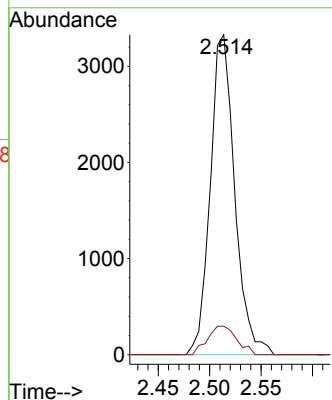
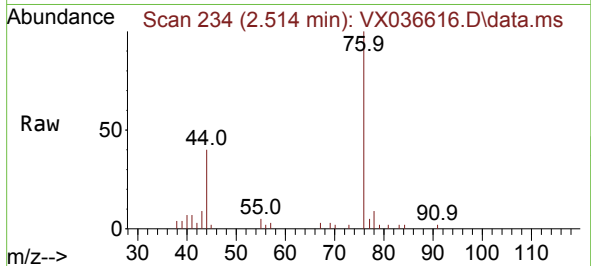




#17
Carbon Disulfide
Concen: 1.197 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX036616.D
Acq: 21 Jul 2023 18:05

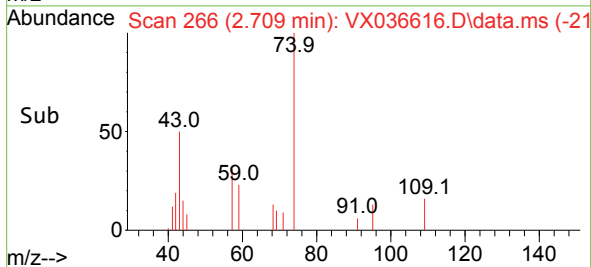
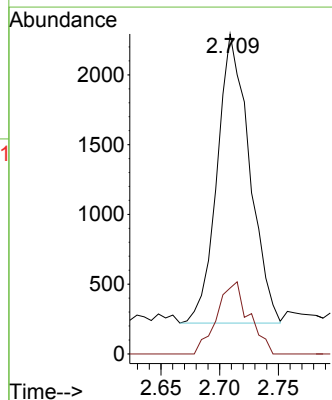
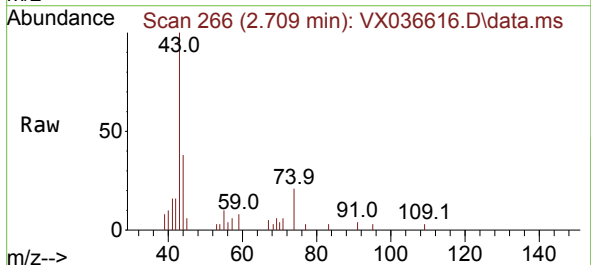
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT3-2023

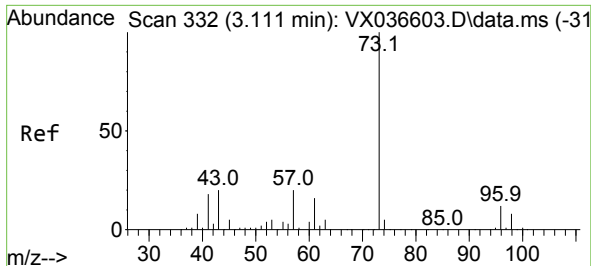
Tgt Ion: 76 Resp: 5501
Ion Ratio Lower Upper
76 100
78 8.9 7.0 10.6



#18
Methyl Acetate
Concen: 1.034 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.000 min
Lab File: VX036616.D
Acq: 21 Jul 2023 18:05

Tgt Ion: 43 Resp: 3972
Ion Ratio Lower Upper
43 100
74 24.6 17.8 26.8

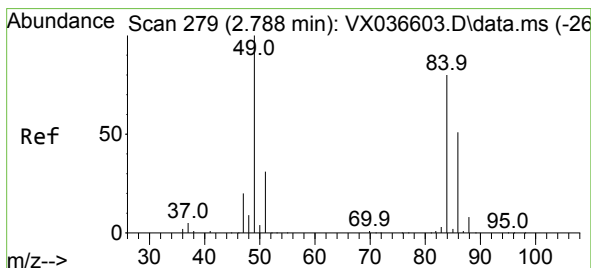
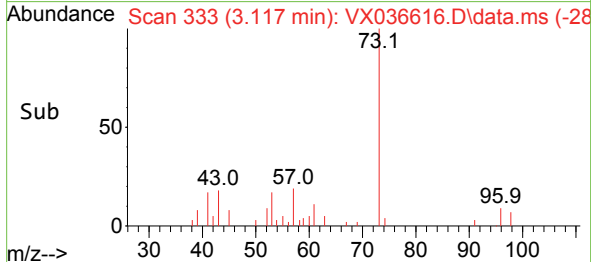
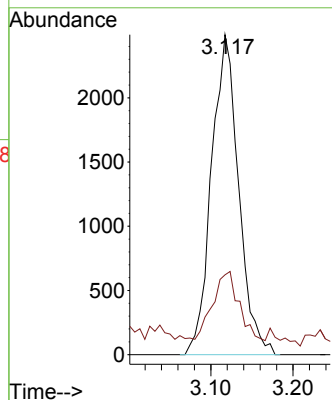
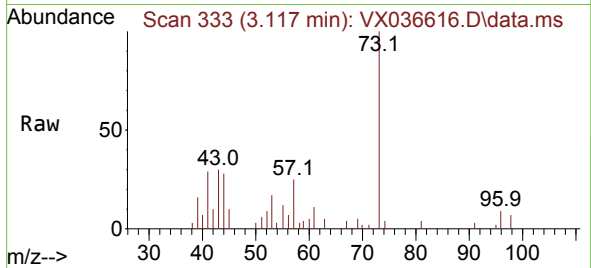




#19
Methyl tert-butyl Ether
Concen: 0.914 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX036616.D
Acq: 21 Jul 2023 18:05

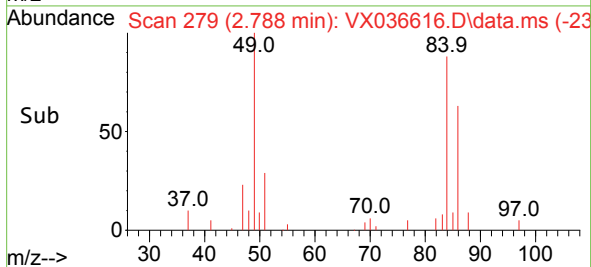
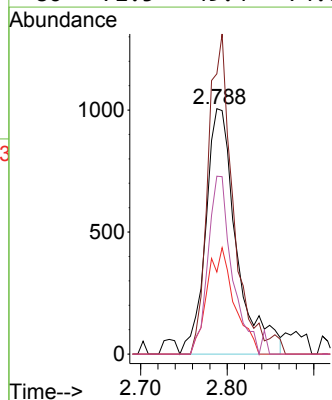
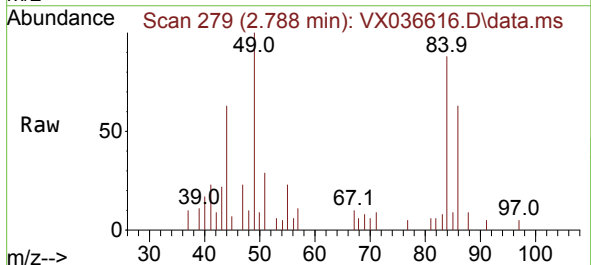
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT3-2023

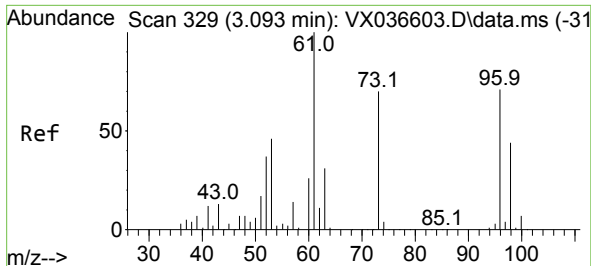
Tgt Ion: 73 Resp: 5715
Ion Ratio Lower Upper
73 100
57 20.4 17.3 25.9



#20
Methylene Chloride
Concen: 1.226 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX036616.D
Acq: 21 Jul 2023 18:05

Tgt Ion: 84 Resp: 2488
Ion Ratio Lower Upper
84 100
49 114.2 103.6 155.4
51 33.4 33.8 50.6#
86 72.5 49.4 74.0

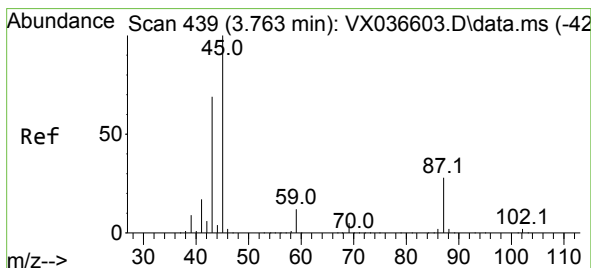
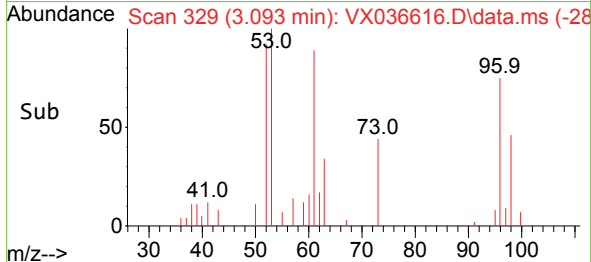
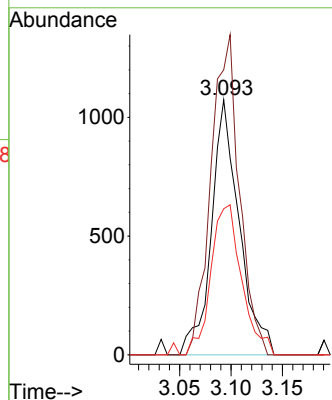
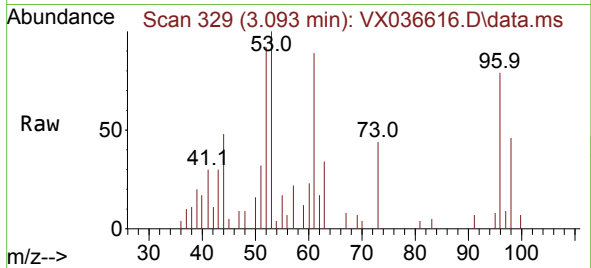




#21
trans-1,2-Dichloroethene
Concen: 1.086 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX036616.D
Acq: 21 Jul 2023 18:05

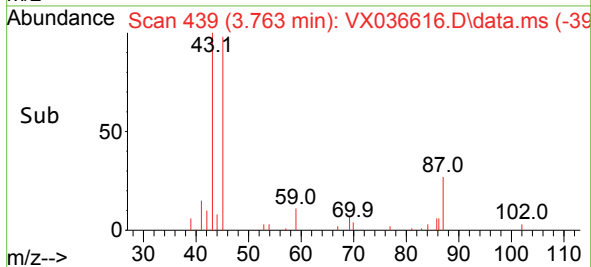
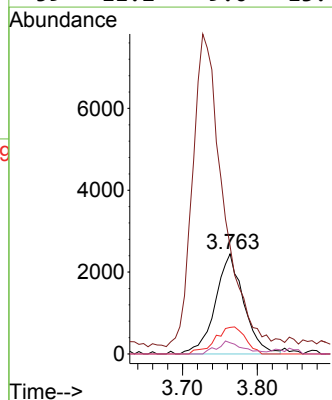
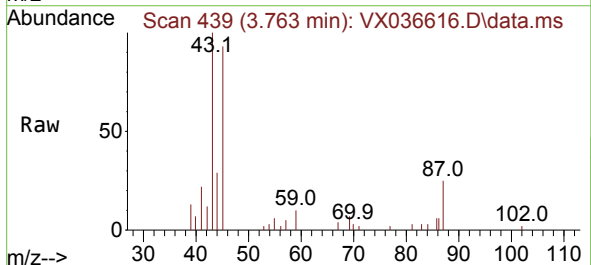
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT3-2023

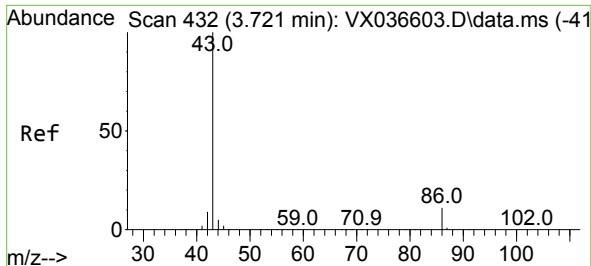
Tgt Ion: 96 Resp: 2021
Ion Ratio Lower Upper
96 100
61 111.7 119.2 178.8#
98 57.3 48.7 73.1



#22
Diisopropyl ether
Concen: 1.039 ug/l
RT: 3.763 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX036616.D
Acq: 21 Jul 2023 18:05

Tgt Ion: 45 Resp: 6468
Ion Ratio Lower Upper
45 100
43 93.2 69.7 104.5
87 26.5 20.8 31.2
59 11.2 9.0 13.4

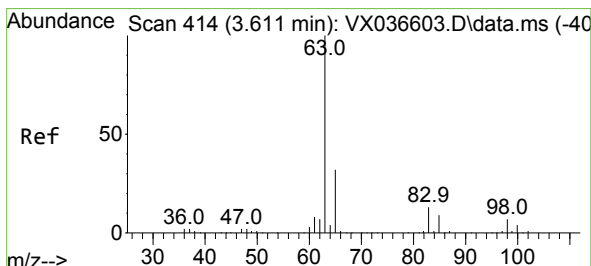
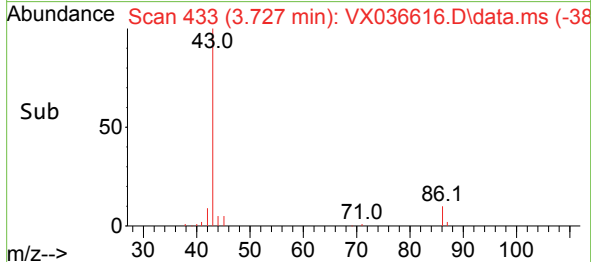
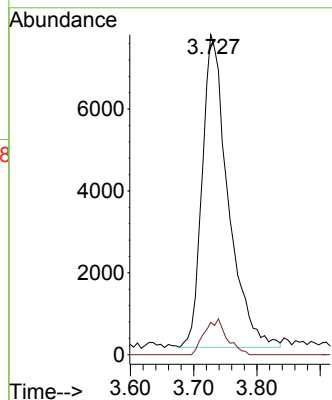
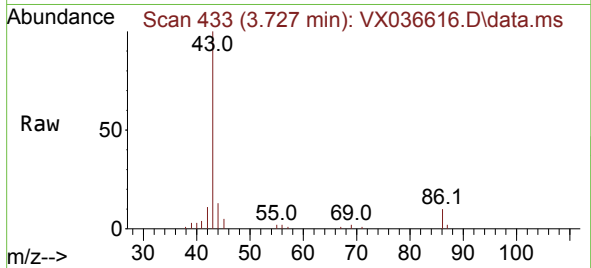




#23
 Vinyl Acetate
 Concen: 4.560 ug/l
 RT: 3.727 min Scan# 415
 Delta R.T. 0.006 min
 Lab File: VX036616.D
 Acq: 21 Jul 2023 18:05

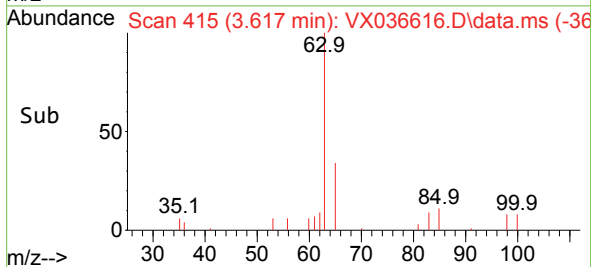
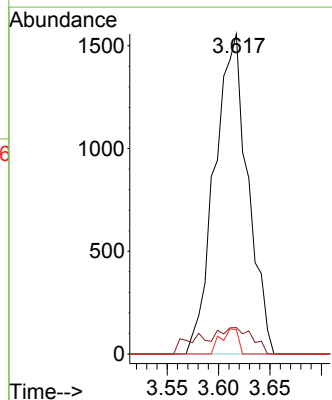
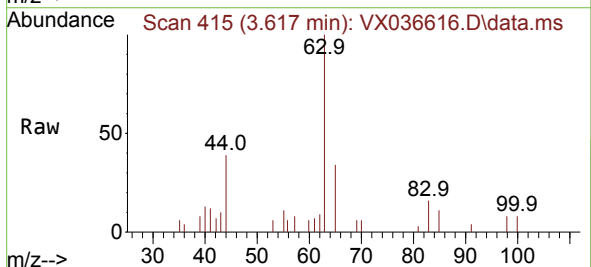
Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT3-2023

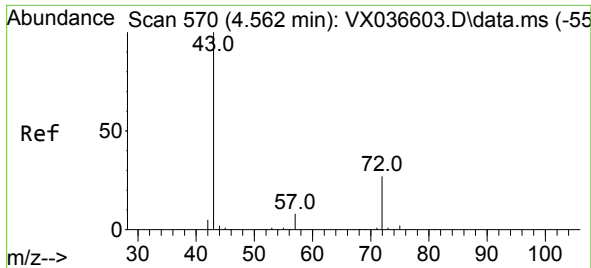
Tgt Ion: 43 Resp: 21771
 Ion Ratio Lower Upper
 43 100
 86 10.4 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 1.003 ug/l
 RT: 3.617 min Scan# 415
 Delta R.T. 0.006 min
 Lab File: VX036616.D
 Acq: 21 Jul 2023 18:05

Tgt Ion: 63 Resp: 3499
 Ion Ratio Lower Upper
 63 100
 98 8.2 3.3 9.8
 100 7.6 2.1 6.5#

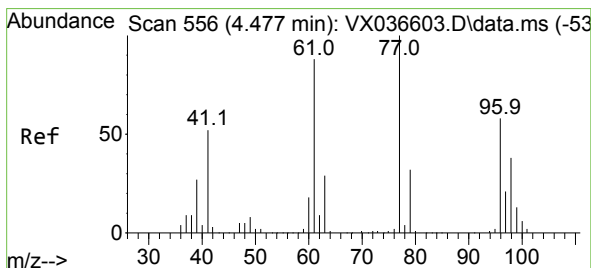
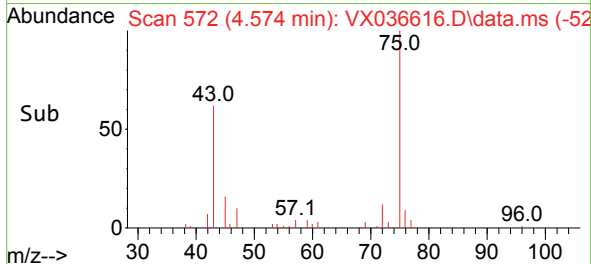
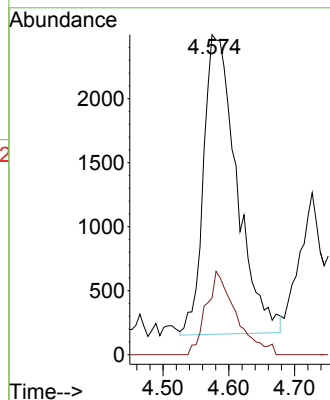
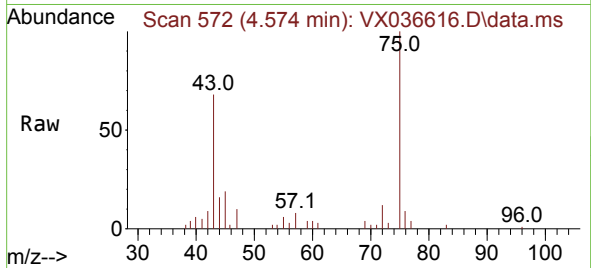




#25
2-Butanone
Concen: 5.552 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX036616.D
Acq: 21 Jul 2023 18:05

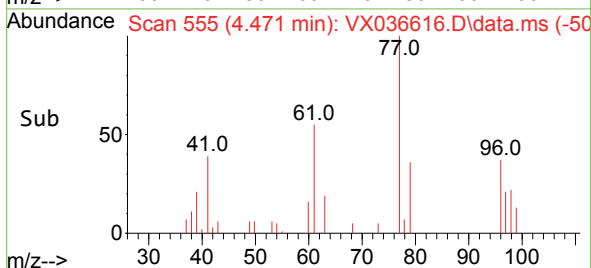
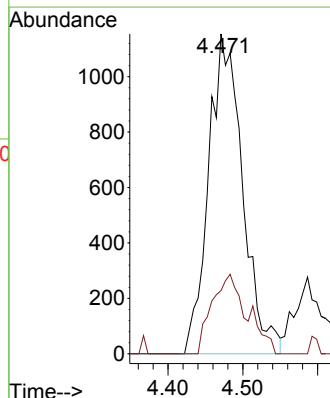
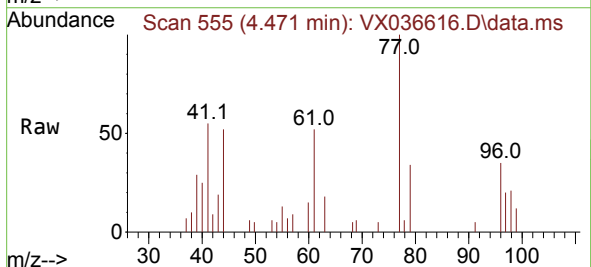
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT3-2023

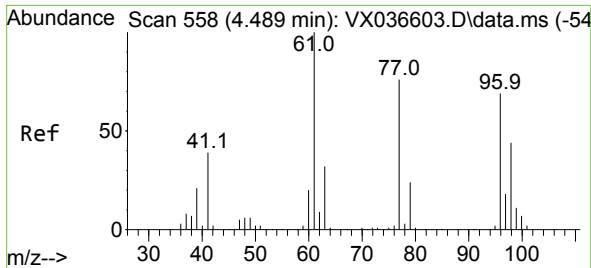
Tgt Ion: 43 Resp: 8221
Ion Ratio Lower Upper
43 100
72 19.1 19.4 29.2#



#26
2,2-Dichloropropane
Concen: 1.109 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.006 min
Lab File: VX036616.D
Acq: 21 Jul 2023 18:05

Tgt Ion: 77 Resp: 3647
Ion Ratio Lower Upper
77 100
97 25.9 10.8 32.3



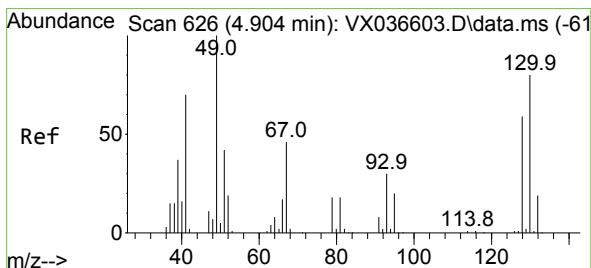
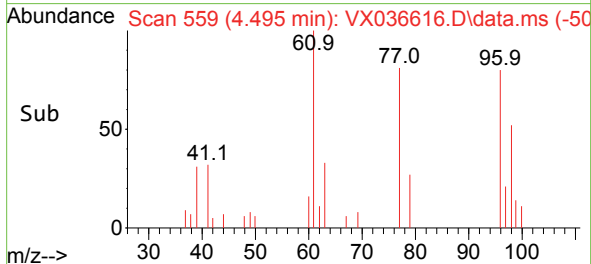
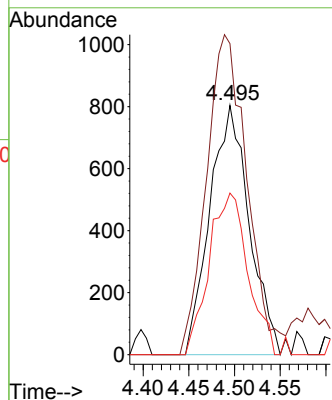
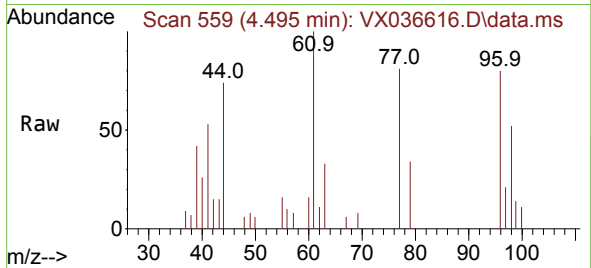


#27
 cis-1,2-Dichloroethene
 Concen: 1.089 ug/l
 RT: 4.495 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VX036616.D
 Acq: 21 Jul 2023 18:05

Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT3-2023

Tgt Ion: 96 Resp: 2407

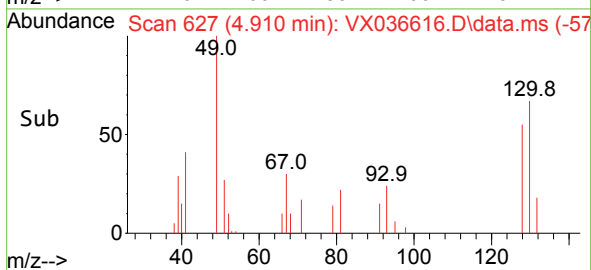
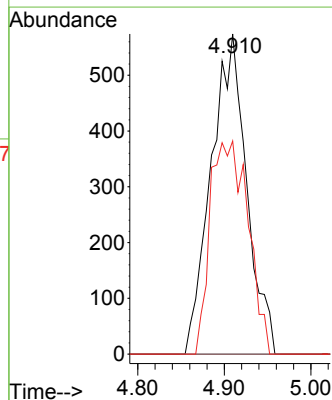
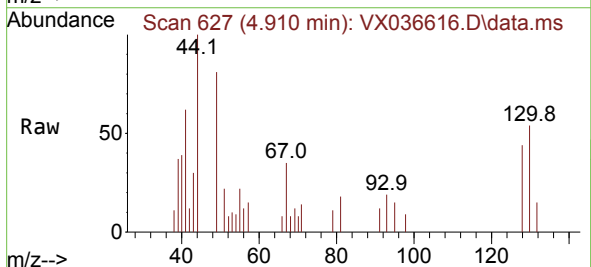
Ion	Ratio	Lower	Upper
96	100		
61	132.7	0.0	312.2
98	64.0	0.0	129.0

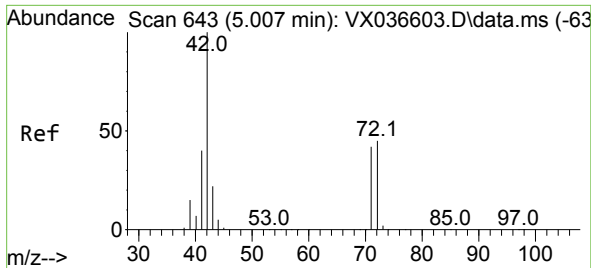


#28
 Bromochloromethane
 Concen: 0.969 ug/l
 RT: 4.910 min Scan# 627
 Delta R.T. 0.006 min
 Lab File: VX036616.D
 Acq: 21 Jul 2023 18:05

Tgt Ion: 49 Resp: 1635

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.8
130	71.0	57.5	86.3





#29

Tetrahydrofuran

Concen: 5.281 ug/l

RT: 5.032 min Scan# 64

Delta R.T. 0.024 min

Lab File: VX036616.D

Acq: 21 Jul 2023 18:05

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT3-2023

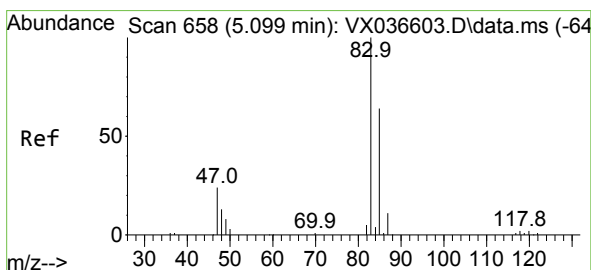
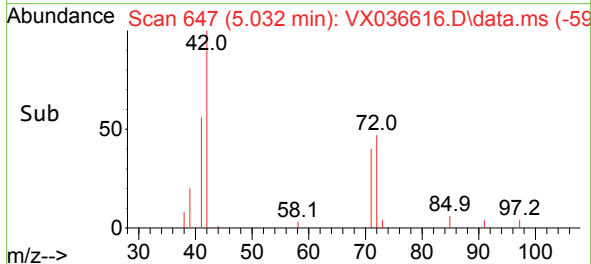
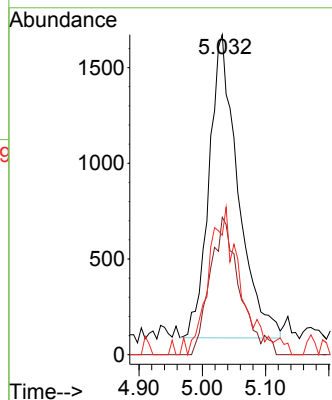
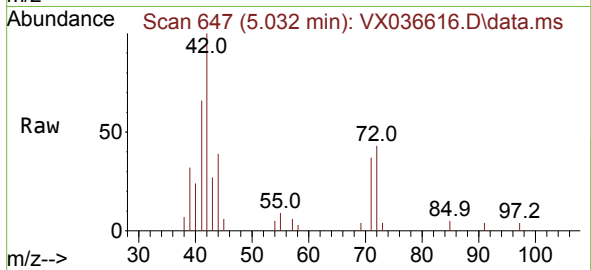
Tgt Ion: 42 Resp: 5042

Ion Ratio Lower Upper

42 100

72 44.9 34.2 51.4

71 55.0 32.2 48.2#



#30

Chloroform

Concen: 1.107 ug/l

RT: 5.093 min Scan# 657

Delta R.T. -0.006 min

Lab File: VX036616.D

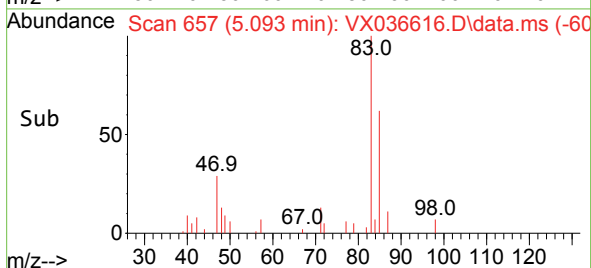
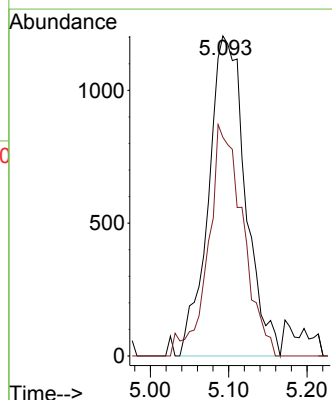
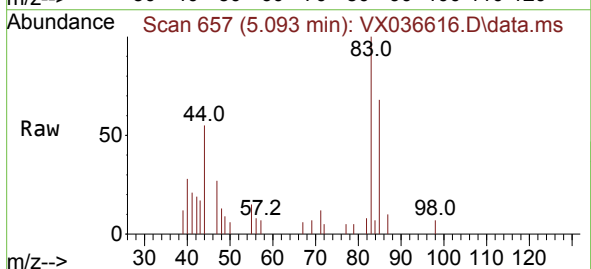
Acq: 21 Jul 2023 18:05

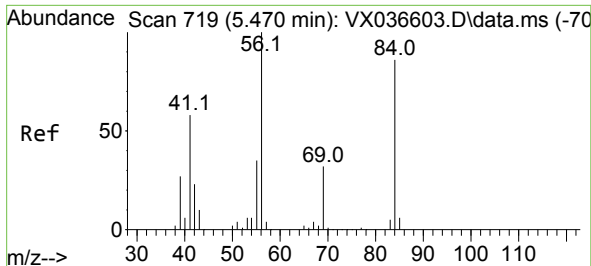
Tgt Ion: 83 Resp: 3951

Ion Ratio Lower Upper

83 100

85 68.3 50.3 75.5

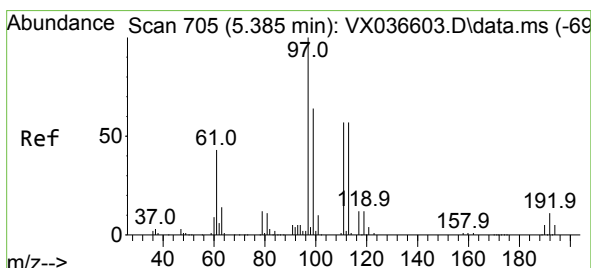
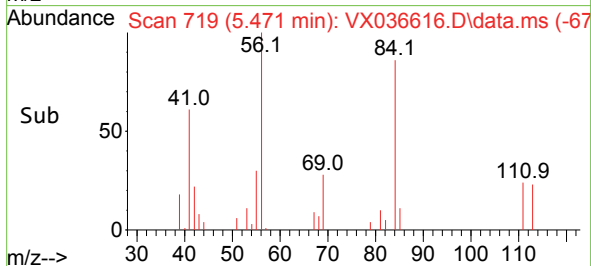
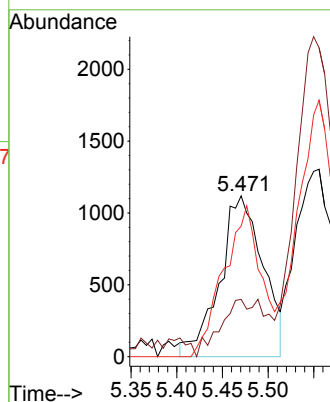
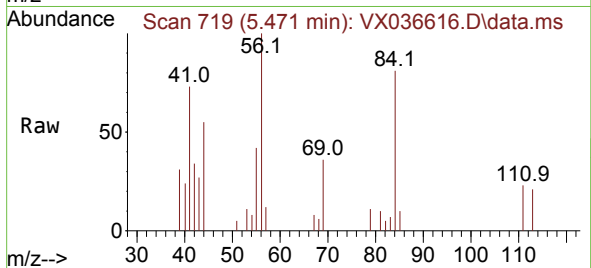




#31
Cyclohexane
Concen: 1.205 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX036616.D
Acq: 21 Jul 2023 18:05

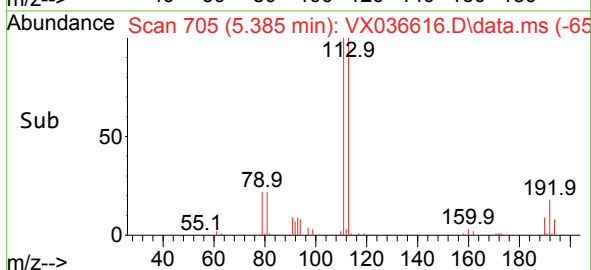
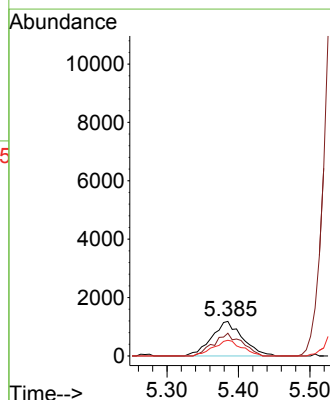
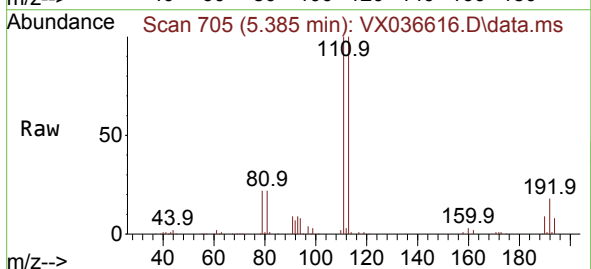
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT3-2023

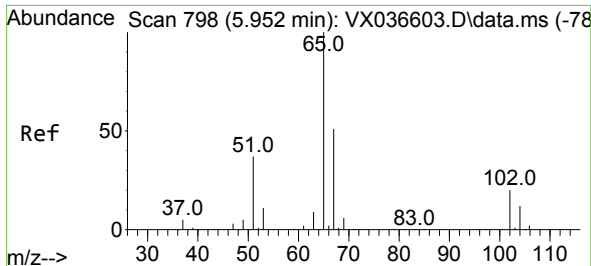
Tgt Ion:	56	Resp:	3669
Ion	Ratio	Lower	Upper
56	100		
69	26.3	23.4	35.2
84	88.8	65.9	98.9



#32
1,1,1-Trichloroethane
Concen: 1.085 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036616.D
Acq: 21 Jul 2023 18:05

Tgt Ion:	97	Resp:	3550
Ion	Ratio	Lower	Upper
97	100		
99	0.0	51.1	76.7#
61	41.5	36.4	54.6





#33

1,2-Dichloroethane-d4

Concen: 44.025 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX036616.D

Acq: 21 Jul 2023 18:05

Instrument :

MSVOA_X

ClientSampleId :

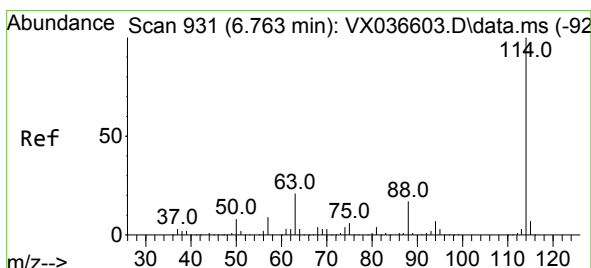
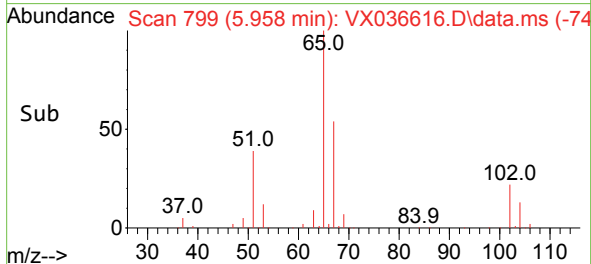
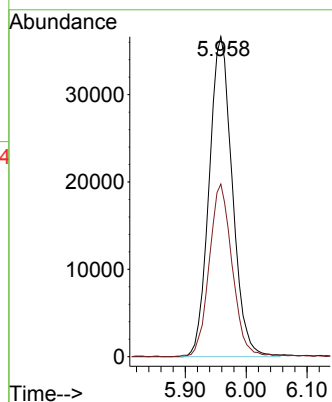
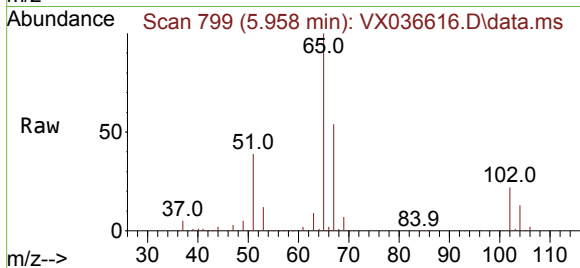
LOQ-WATER-02-QT3-2023

Tgt Ion: 65 Resp: 96835

Ion Ratio Lower Upper

65 100

67 53.8 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX036616.D

Acq: 21 Jul 2023 18:05

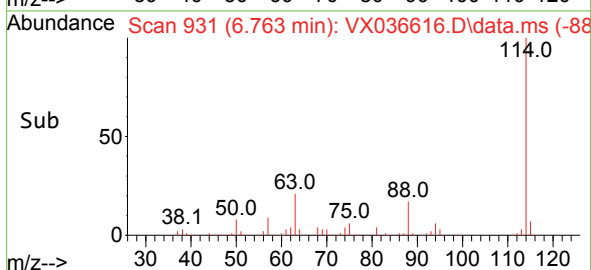
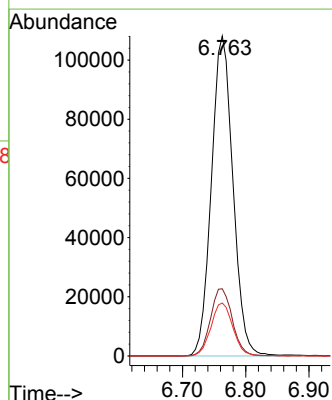
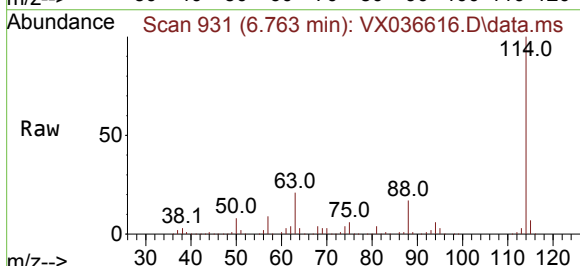
Tgt Ion: 114 Resp: 255600

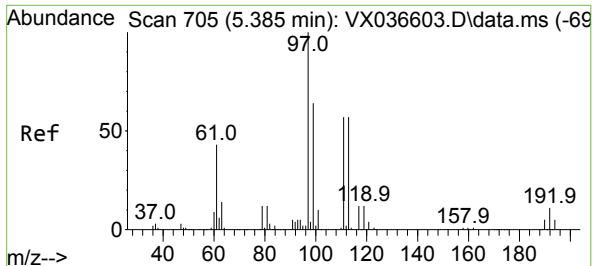
Ion Ratio Lower Upper

114 100

63 21.0 0.0 45.0

88 16.6 0.0 36.6

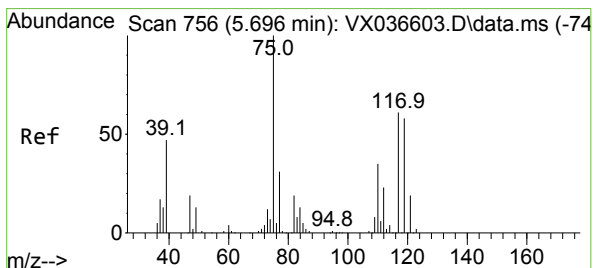
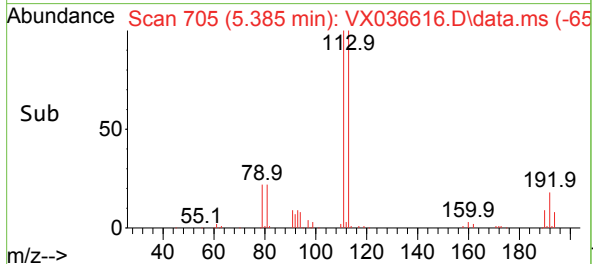
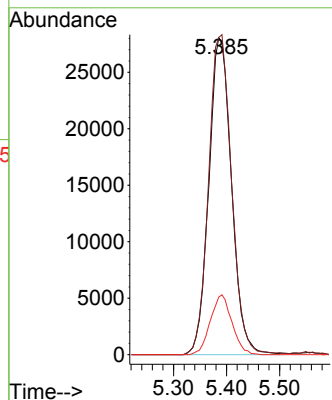
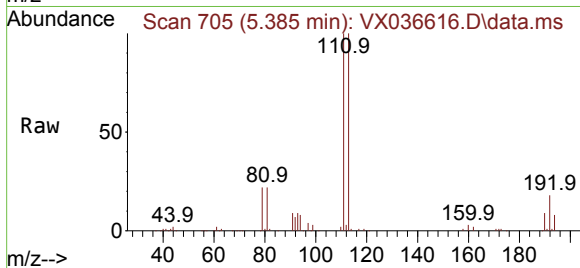




#35
Dibromofluoromethane
Concen: 47.468 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036616.D
Acq: 21 Jul 2023 18:05

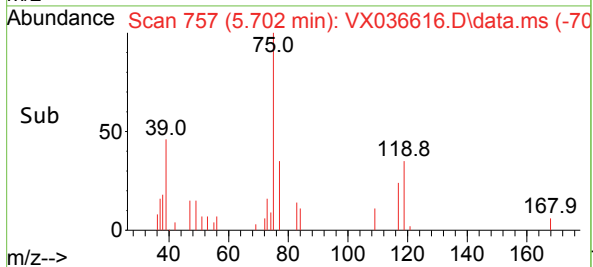
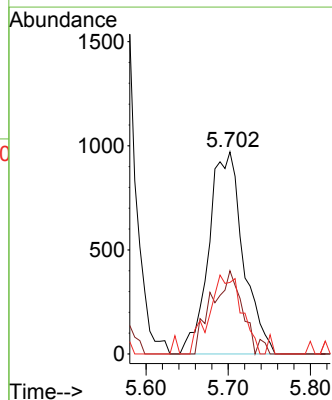
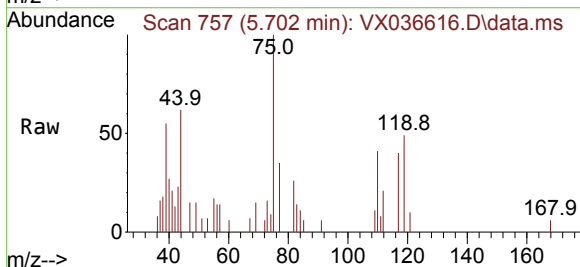
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT3-2023

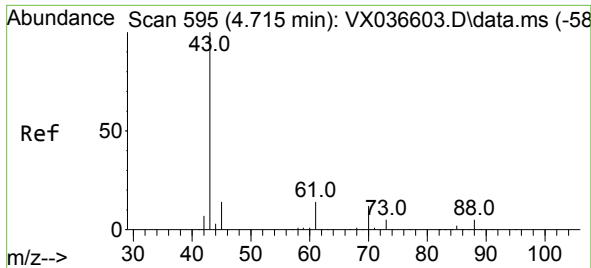
Tgt Ion:113 Resp: 83394
Ion Ratio Lower Upper
113 100
111 102.4 82.9 124.3
192 18.0 13.3 19.9



#36
1,1-Dichloropropene
Concen: 1.075 ug/l
RT: 5.702 min Scan# 757
Delta R.T. 0.006 min
Lab File: VX036616.D
Acq: 21 Jul 2023 18:05

Tgt Ion: 75 Resp: 2814
Ion Ratio Lower Upper
75 100
110 37.3 17.0 50.9
77 37.2 24.7 37.1#





#37

Ethyl Acetate

Concen: 1.081 ug/l

RT: 4.727 min Scan# 597

Delta R.T. 0.012 min

Lab File: VX036616.D

Acq: 21 Jul 2023 18:05

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT3-2023

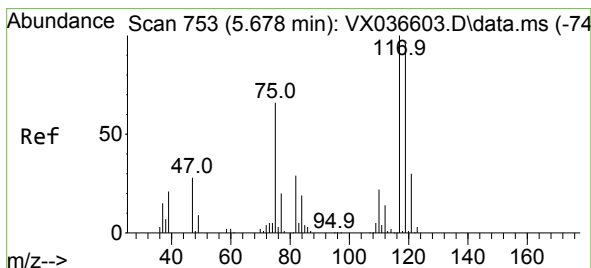
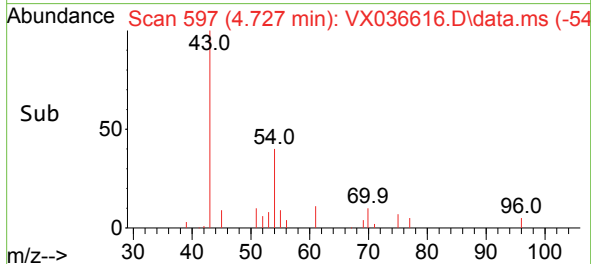
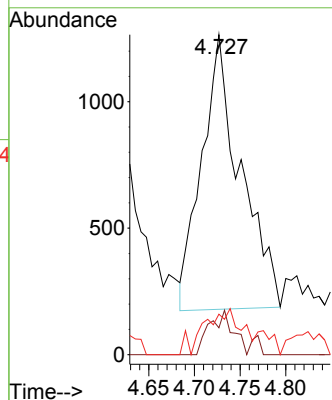
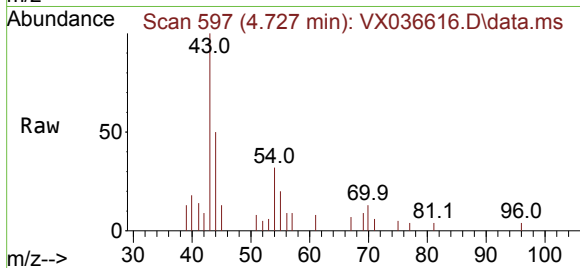
Tgt Ion: 43 Resp: 3204

Ion Ratio Lower Upper

43 100

61 9.8 10.6 16.0#

70 16.1 8.3 12.5#



#38

Carbon Tetrachloride

Concen: 1.070 ug/l

RT: 5.678 min Scan# 753

Delta R.T. 0.000 min

Lab File: VX036616.D

Acq: 21 Jul 2023 18:05

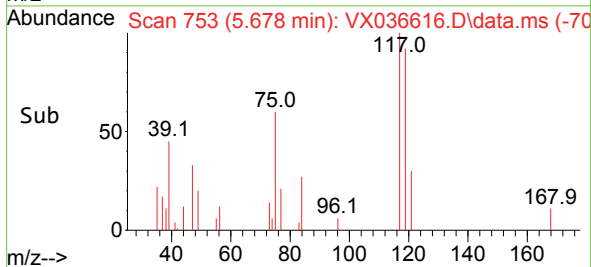
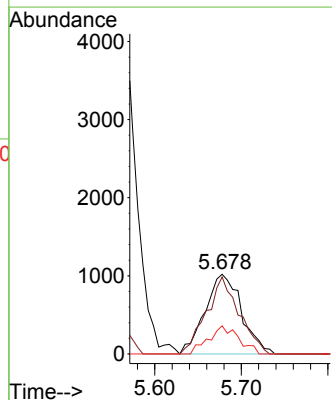
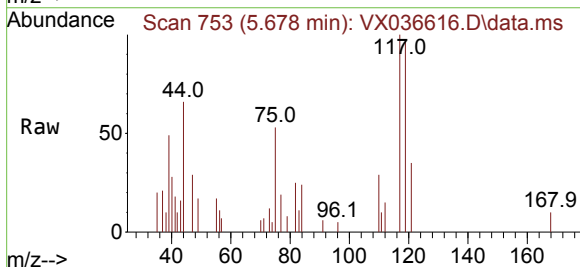
Tgt Ion: 117 Resp: 2979

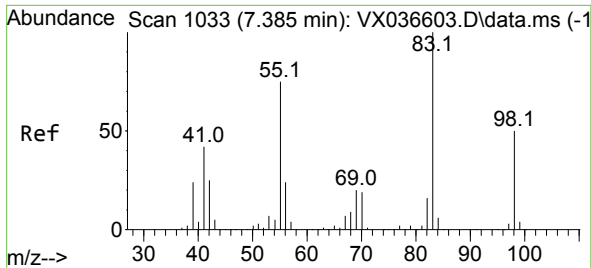
Ion Ratio Lower Upper

117 100

119 96.7 78.2 117.2

121 35.3 24.4 36.6

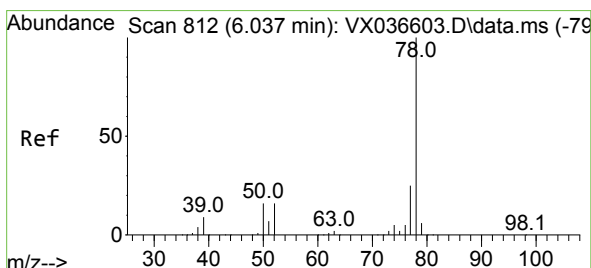
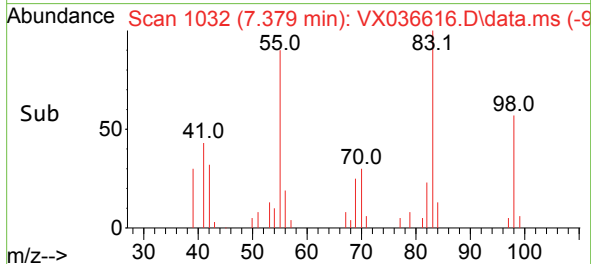
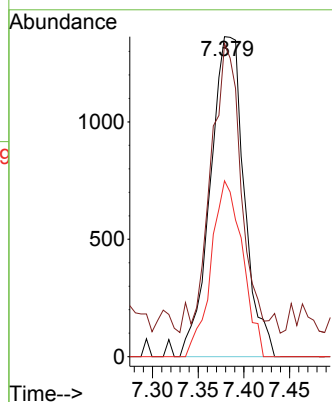
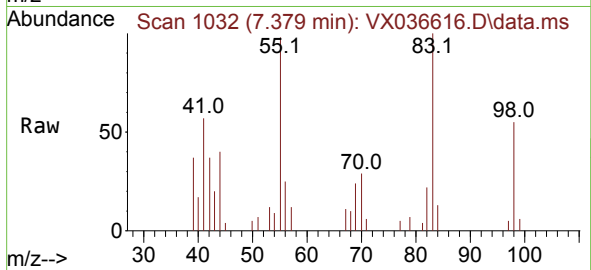




#39
Methylcyclohexane
Concen: 1.080 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VX036616.D
Acq: 21 Jul 2023 18:05

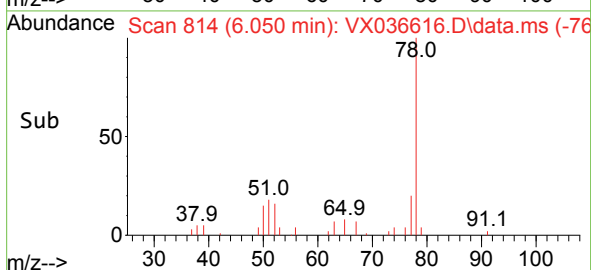
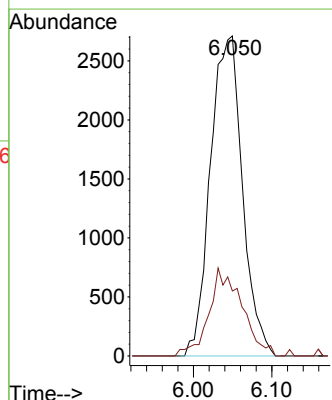
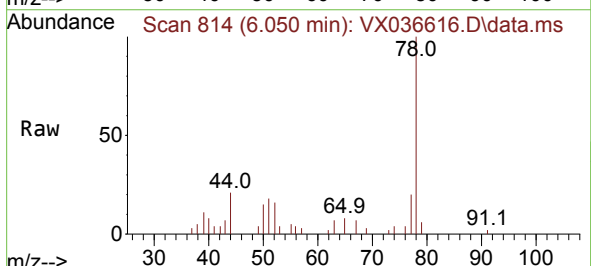
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT3-2023

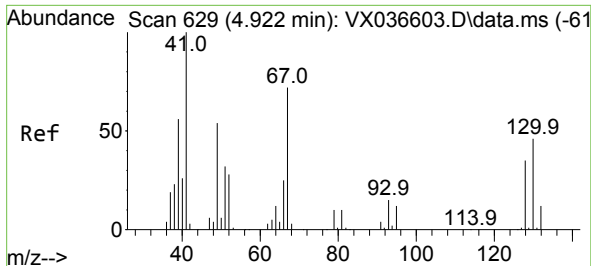
Tgt Ion: 83 Resp: 3518
Ion Ratio Lower Upper
83 100
55 90.5 64.6 97.0
98 55.0 36.7 55.1



#40
Benzene
Concen: 1.012 ug/l
RT: 6.050 min Scan# 814
Delta R.T. 0.012 min
Lab File: VX036616.D
Acq: 21 Jul 2023 18:05

Tgt Ion: 78 Resp: 7707
Ion Ratio Lower Upper
78 100
77 20.3 19.3 28.9

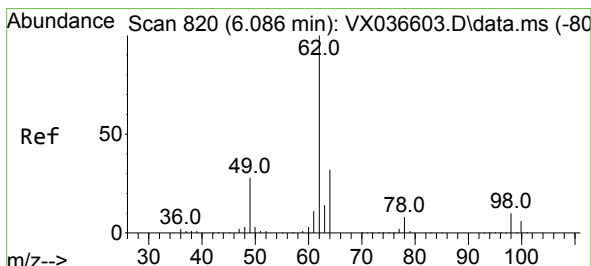
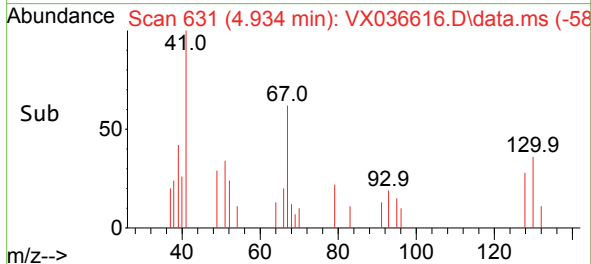
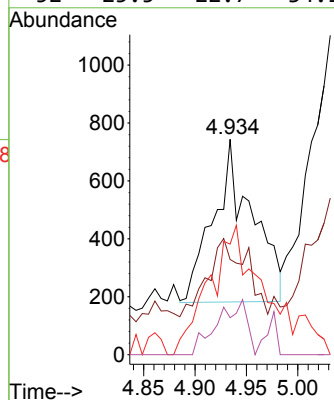
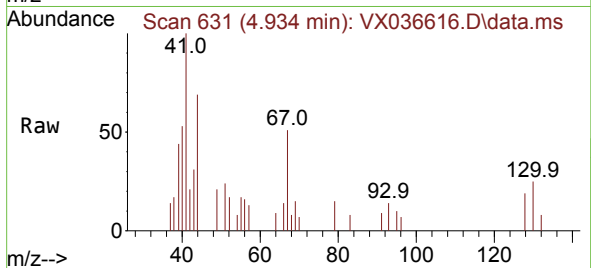




#41
Methacrylonitrile
Concen: 0.934 ug/l
RT: 4.934 min Scan# 61
Delta R.T. 0.012 min
Lab File: VX036616.D
Acq: 21 Jul 2023 18:05

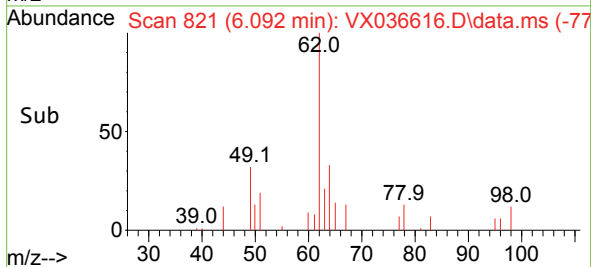
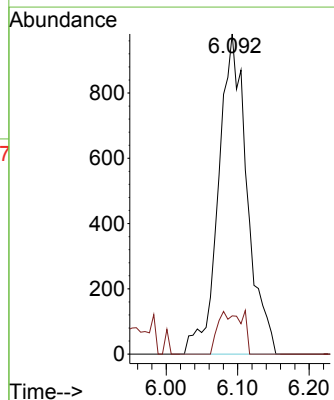
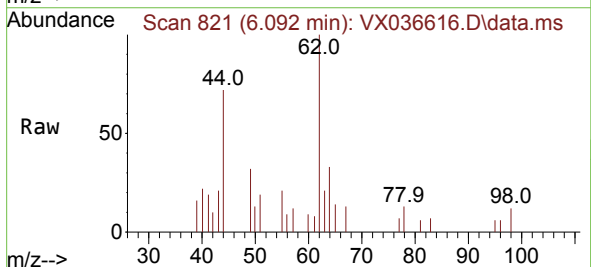
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT3-2023

Tgt Ion: 41	Resp: 1481
Ion Ratio	Lower Upper
41 100	
39 47.2	45.2 67.8
67 104.9	52.6 78.8#
52 25.5	22.7 34.1



#42
1,2-Dichloroethane
Concen: 0.976 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.006 min
Lab File: VX036616.D
Acq: 21 Jul 2023 18:05

Tgt Ion: 62	Resp: 2718
Ion Ratio	Lower Upper
62 100	
98 11.6	0.0 16.0





#43

Isopropyl Acetate

Concen: 0.874 ug/l

RT: 6.348 min Scan# 863

Delta R.T. 0.006 min

Lab File: VX036616.D

Acq: 21 Jul 2023 18:05

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT3-2023

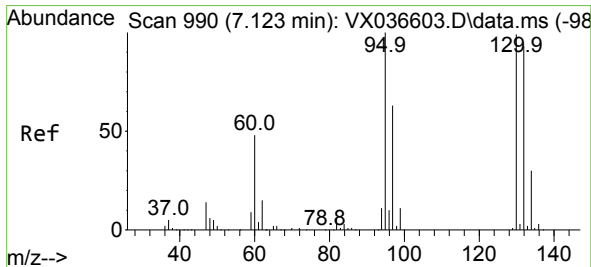
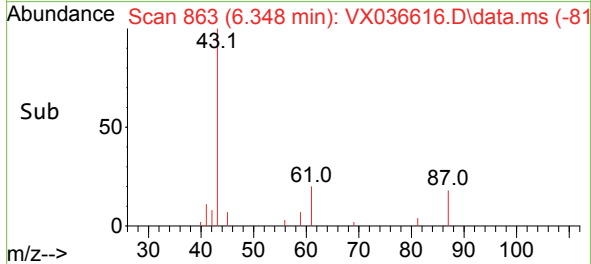
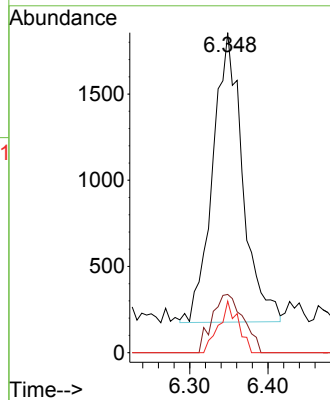
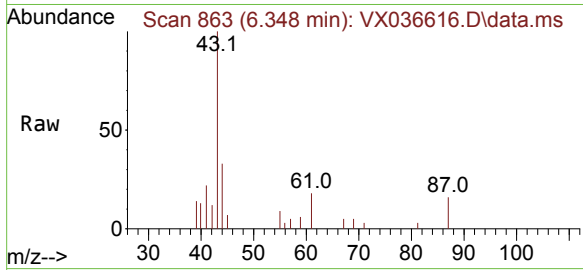
Tgt Ion: 43 Resp: 4457

Ion Ratio Lower Upper

43 100

61 21.0 15.2 22.8

87 11.5 9.8 14.6



#44

Trichloroethene

Concen: 0.984 ug/l

RT: 7.129 min Scan# 991

Delta R.T. 0.006 min

Lab File: VX036616.D

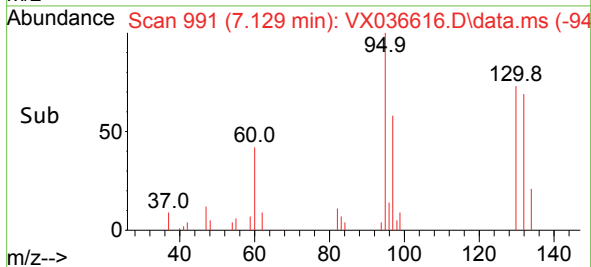
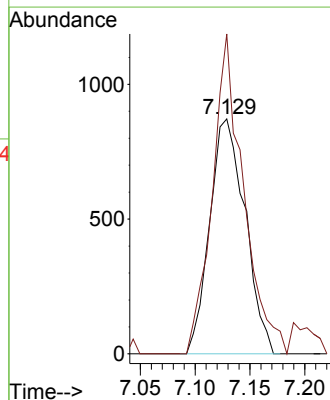
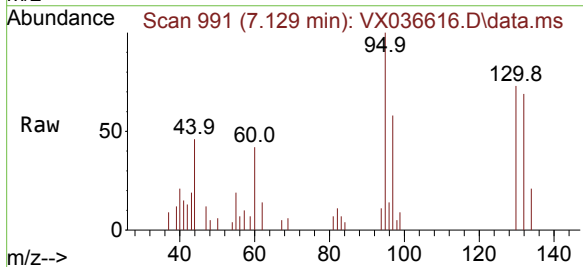
Acq: 21 Jul 2023 18:05

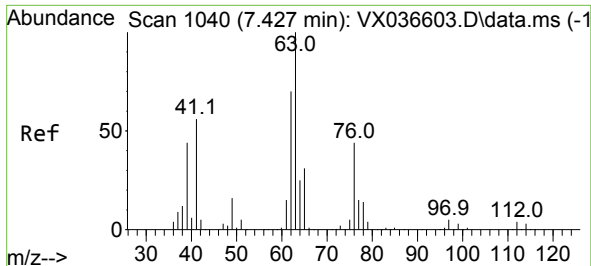
Tgt Ion:130 Resp: 1959

Ion Ratio Lower Upper

130 100

95 136.1 0.0 204.4

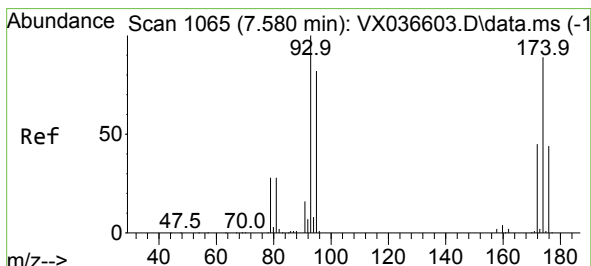
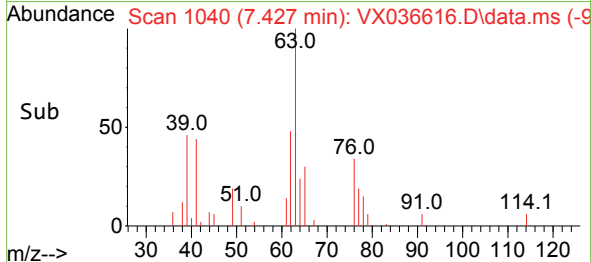
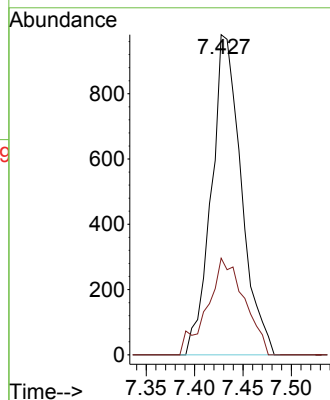
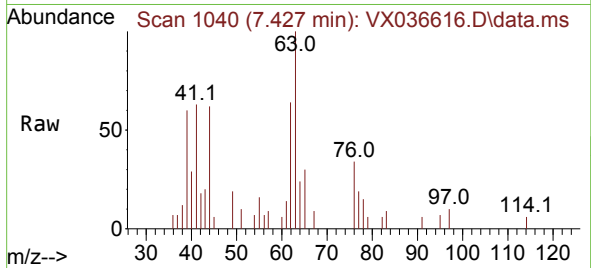




#45
1,2-Dichloropropane
Concen: 1.037 ug/l
RT: 7.427 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VX036616.D
Acq: 21 Jul 2023 18:05

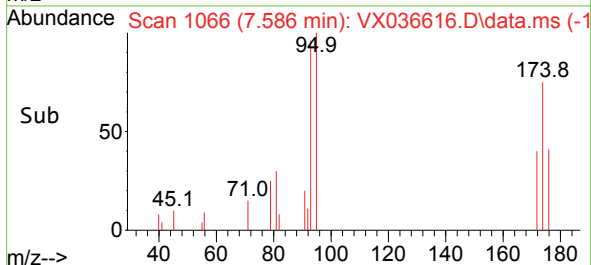
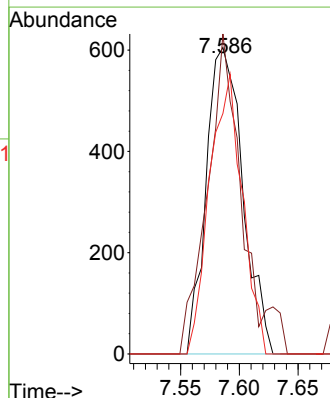
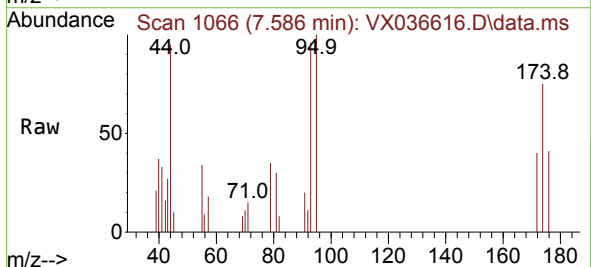
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT3-2023

Tgt Ion: 63 Resp: 2110
Ion Ratio Lower Upper
63 100
65 30.2 24.3 36.5



#46
Dibromomethane
Concen: 0.922 ug/l
RT: 7.586 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VX036616.D
Acq: 21 Jul 2023 18:05

Tgt Ion: 93 Resp: 1312
Ion Ratio Lower Upper
93 100
95 98.5 66.6 100.0
174 81.6 69.4 104.0

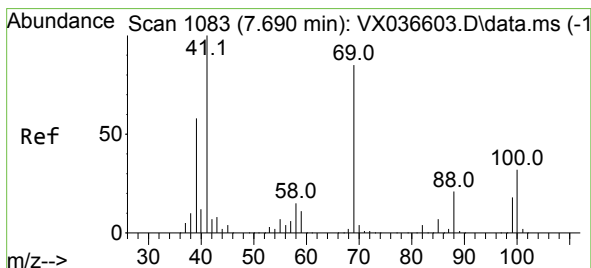
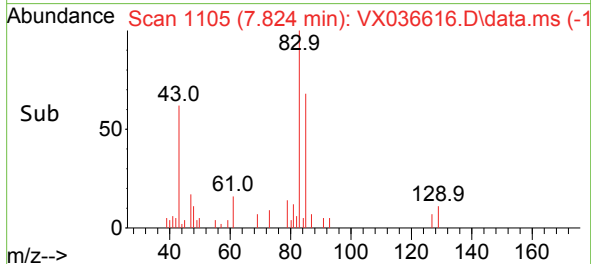
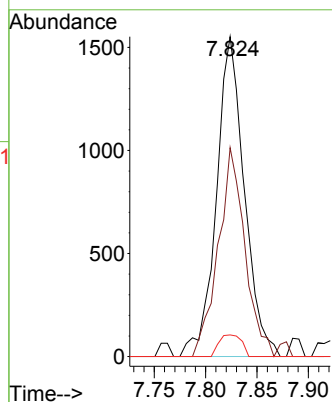
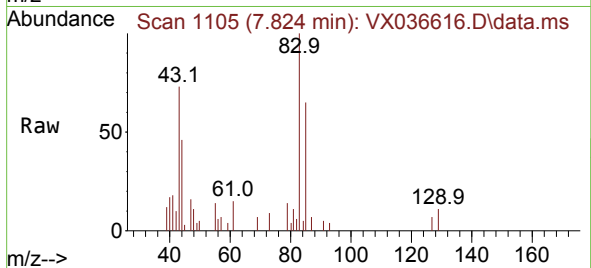




#47
Bromodichloromethane
Concen: 1.006 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX036616.D
Acq: 21 Jul 2023 18:05

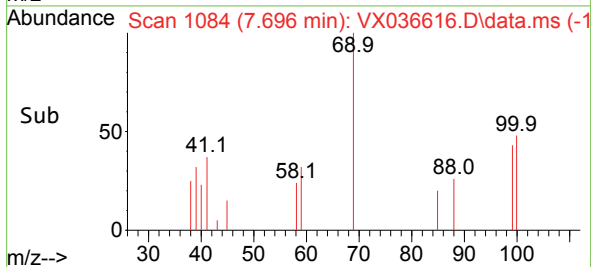
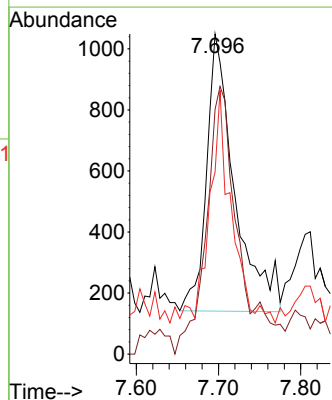
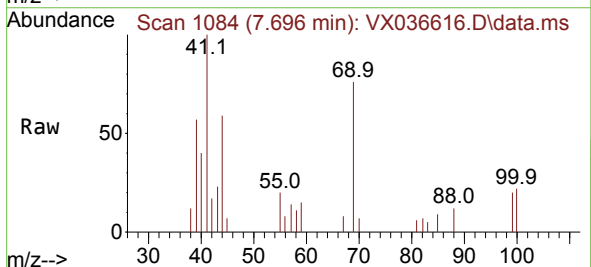
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT3-2023

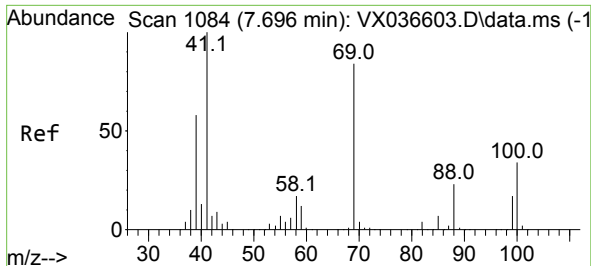
Tgt Ion: 83 Resp: 2940
Ion Ratio Lower Upper
83 100
85 65.3 49.8 74.6
127 6.8 7.1 10.7#



#48
Methyl methacrylate
Concen: 0.911 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.006 min
Lab File: VX036616.D
Acq: 21 Jul 2023 18:05

Tgt Ion: 41 Resp: 2161
Ion Ratio Lower Upper
41 100
69 111.3 59.2 88.8#
39 68.2 47.7 71.5





#49

1,4-Dioxane

Concen: 19.903 ug/l

RT: 7.720 min Scan# 1088

Delta R.T. 0.024 min

Lab File: VX036616.D

Acq: 21 Jul 2023 18:05

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT3-2023

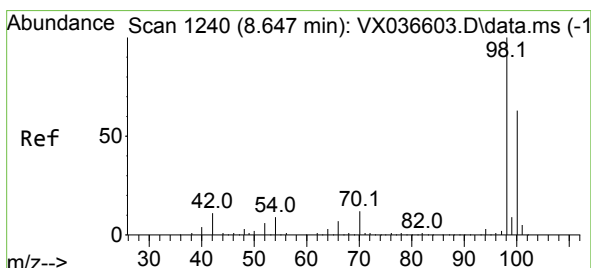
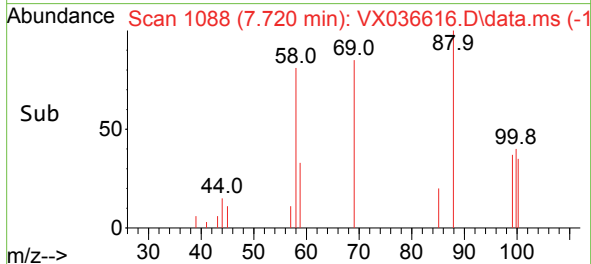
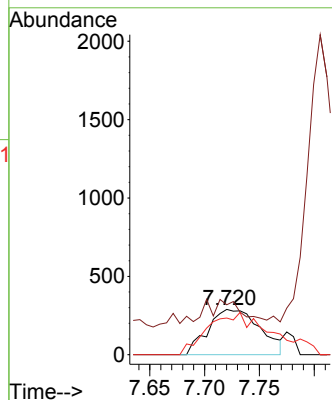
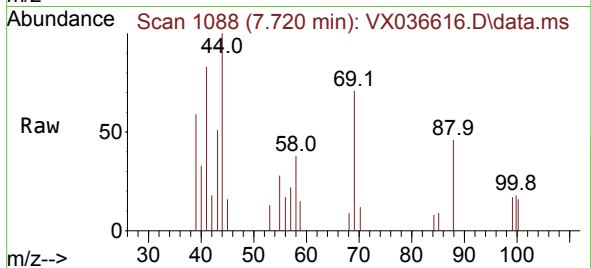
Tgt Ion: 88 Resp: 954

Ion Ratio Lower Upper

88 100

43 28.0 0.0 0.0#

58 114.5 60.1 90.1#



#50

Toluene-d8

Concen: 49.542 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX036616.D

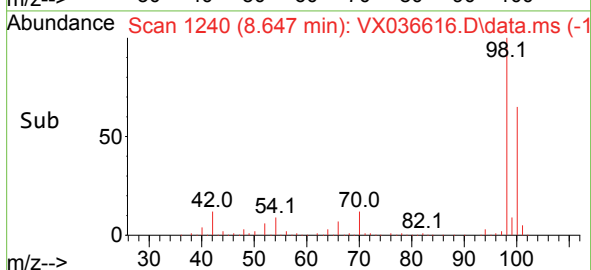
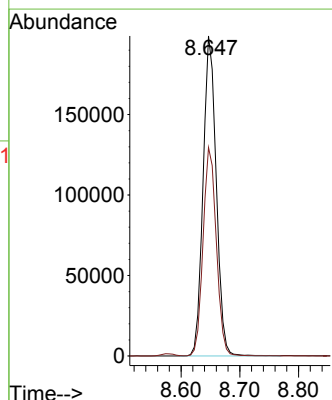
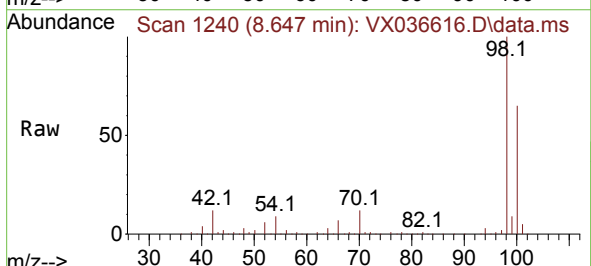
Acq: 21 Jul 2023 18:05

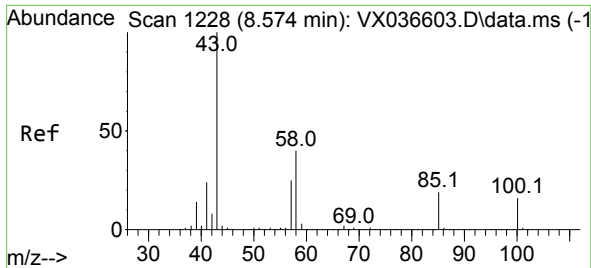
Tgt Ion: 98 Resp: 308659

Ion Ratio Lower Upper

98 100

100 65.5 53.1 79.7

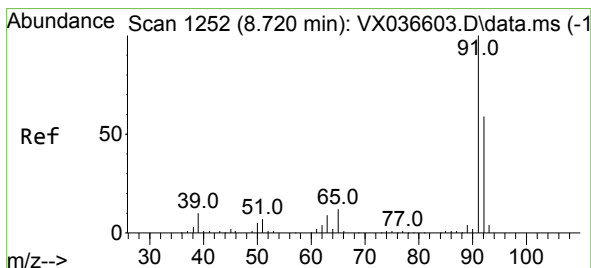
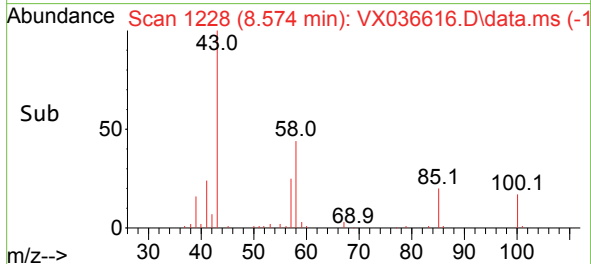
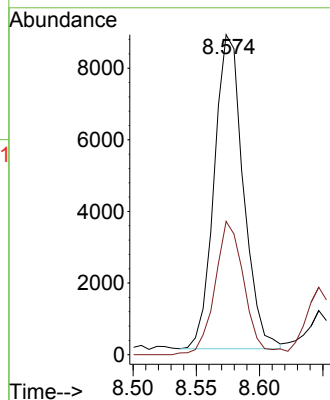
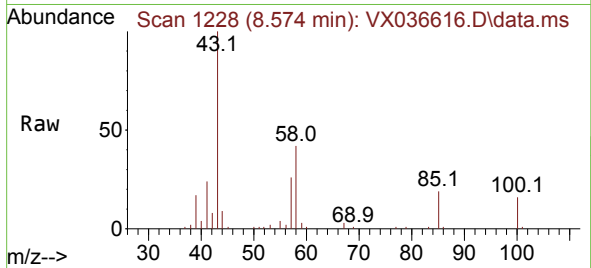




#51
4-Methyl-2-Pentanone
Concen: 4.970 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX036616.D
Acq: 21 Jul 2023 18:05

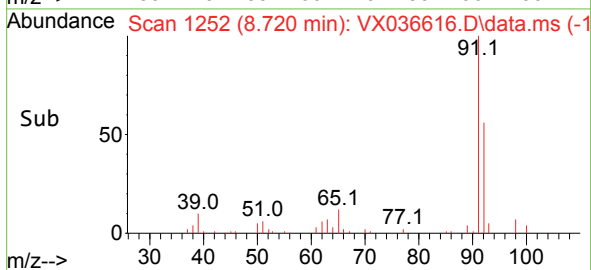
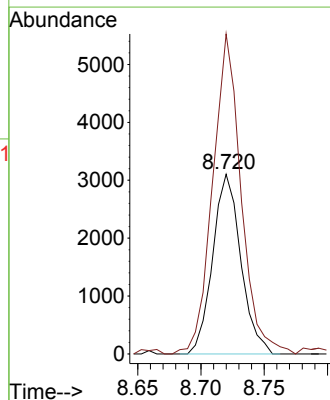
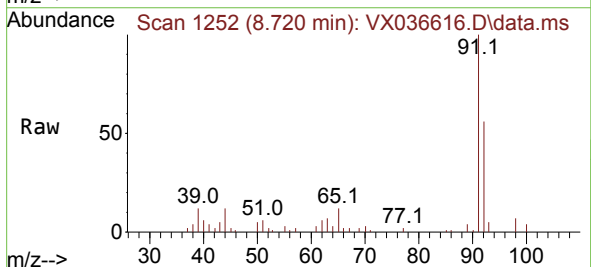
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT3-2023

Tgt Ion: 43 Resp: 14031
Ion Ratio Lower Upper
43 100
58 41.8 30.4 45.6



#52
Toluene
Concen: 1.005 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX036616.D
Acq: 21 Jul 2023 18:05

Tgt Ion: 92 Resp: 4798
Ion Ratio Lower Upper
92 100
91 179.5 134.2 201.2

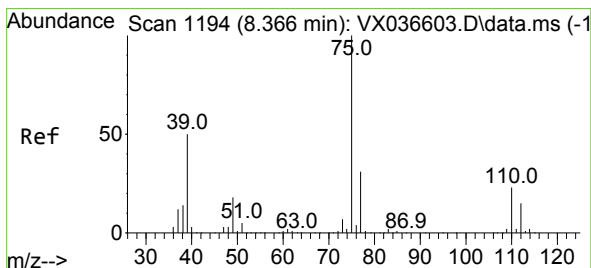
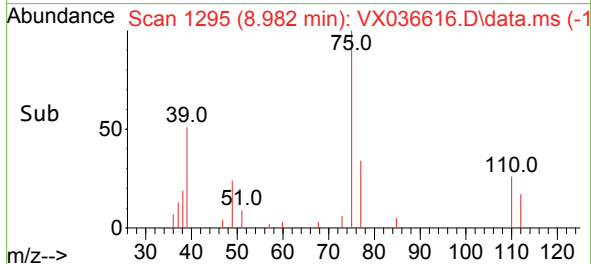
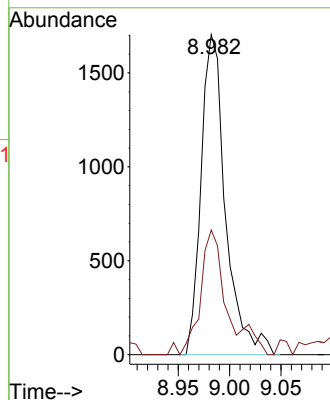
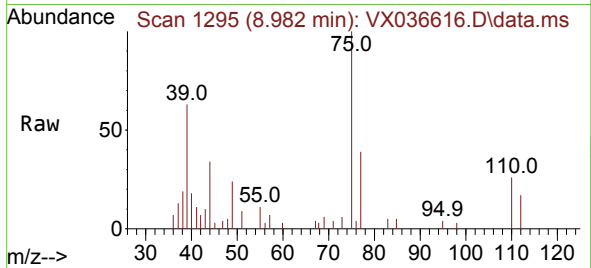




#53
 t-1,3-Dichloropropene
 Concen: 0.853 ug/l
 RT: 8.982 min Scan# 1195
 Delta R.T. 0.006 min
 Lab File: VX036616.D
 Acq: 21 Jul 2023 18:05

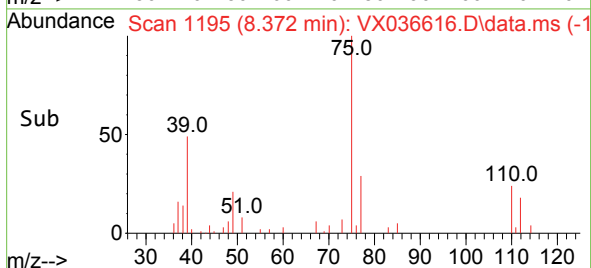
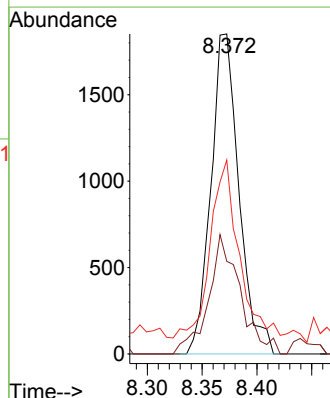
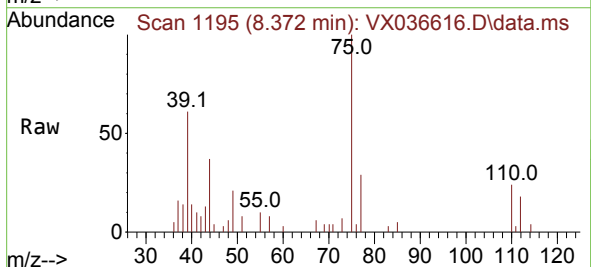
Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT3-2023

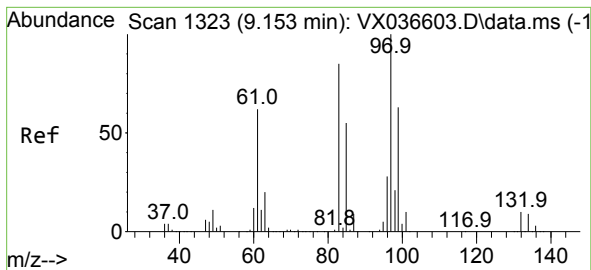
Tgt Ion: 75 Resp: 2817
 Ion Ratio Lower Upper
 75 100
 77 39.0 25.7 38.5#



#54
 cis-1,3-Dichloropropene
 Concen: 0.949 ug/l
 RT: 8.372 min Scan# 1195
 Delta R.T. 0.006 min
 Lab File: VX036616.D
 Acq: 21 Jul 2023 18:05

Tgt Ion: 75 Resp: 3306
 Ion Ratio Lower Upper
 75 100
 77 28.9 25.3 37.9
 39 54.8 46.7 70.1





#55

1,1,2-Trichloroethane

Concen: 0.910 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. 0.000 min

Lab File: VX036616.D

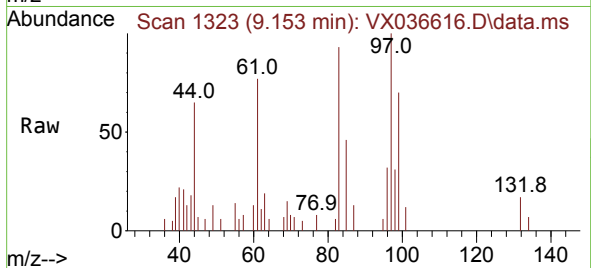
Acq: 21 Jul 2023 18:05

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT3-2023



Tgt Ion: 97 Resp: 1826

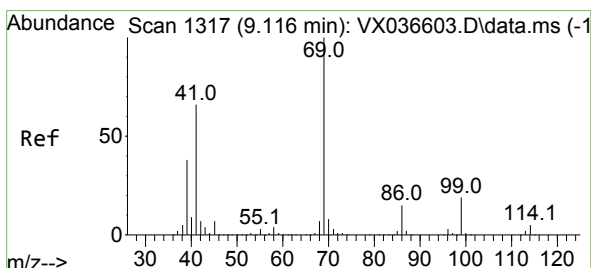
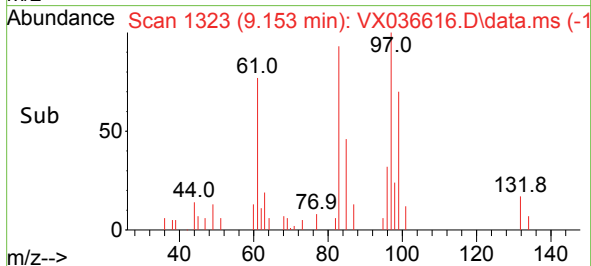
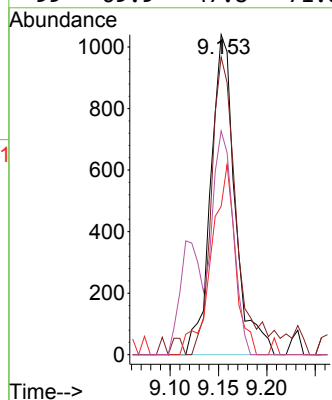
Ion Ratio Lower Upper

97 100

83 88.0 65.8 98.8

85 46.3 41.6 62.4

99 69.9 47.8 71.8



#56

Ethyl methacrylate

Concen: 0.887 ug/l

RT: 9.122 min Scan# 1318

Delta R.T. 0.006 min

Lab File: VX036616.D

Acq: 21 Jul 2023 18:05

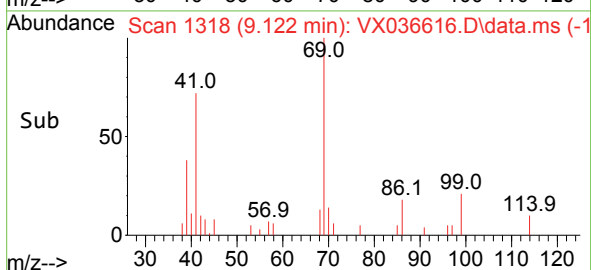
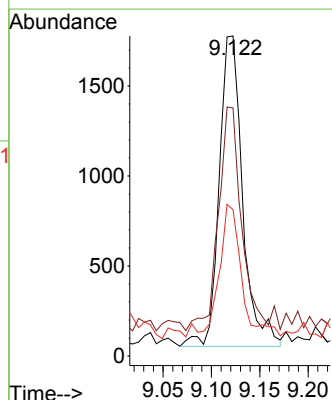
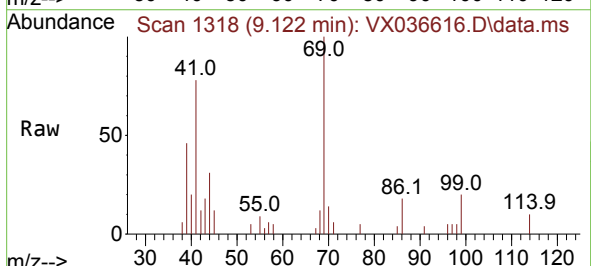
Tgt Ion: 69 Resp: 2898

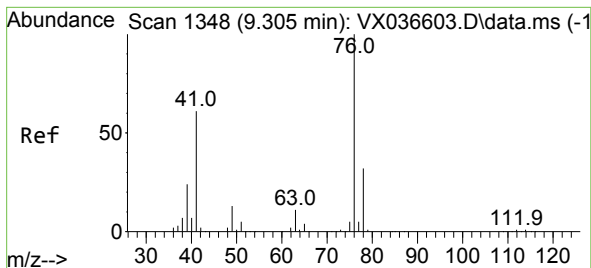
Ion Ratio Lower Upper

69 100

41 71.2 56.8 85.2

39 42.8 32.0 48.0





#57

1,3-Dichloropropane

Concen: 0.862 ug/l

RT: 9.311 min Scan# 11349

Delta R.T. 0.006 min

Lab File: VX036616.D

Acq: 21 Jul 2023 18:05

Instrument :

MSVOA_X

ClientSampleId :

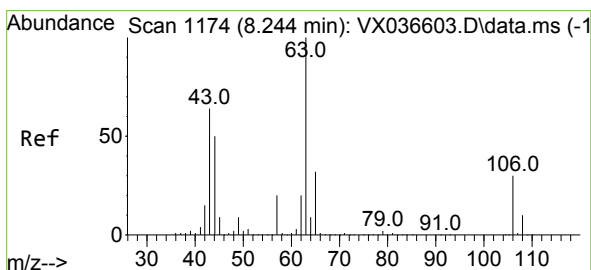
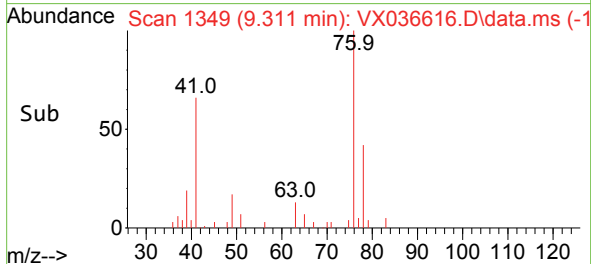
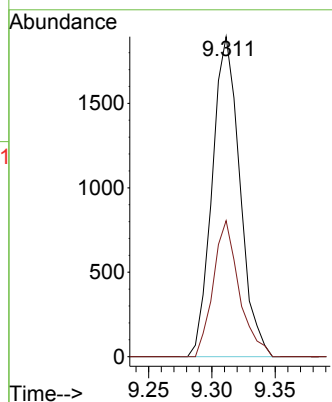
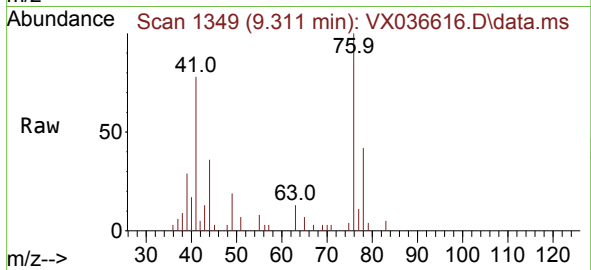
LOQ-WATER-02-QT3-2023

Tgt Ion: 76 Resp: 2881

Ion Ratio Lower Upper

76 100

78 39.9 26.1 39.1#



#58

2-Chloroethyl Vinyl ether

Concen: 4.487 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX036616.D

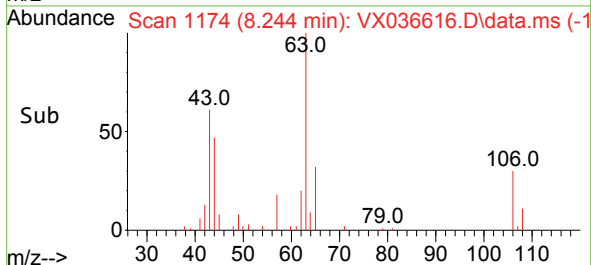
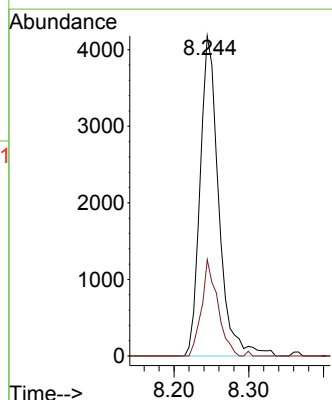
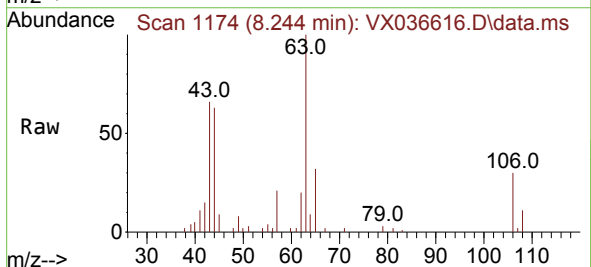
Acq: 21 Jul 2023 18:05

Tgt Ion: 63 Resp: 7225

Ion Ratio Lower Upper

63 100

106 26.2 22.5 33.7





#59

2-Hexanone

Concen: 4.991 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.006 min

Lab File: VX036616.D

Acq: 21 Jul 2023 18:05

Instrument :

MSVOA_X

ClientSampleId :

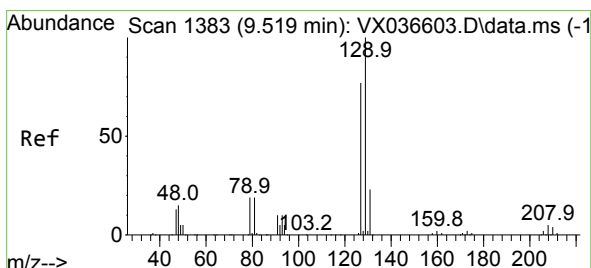
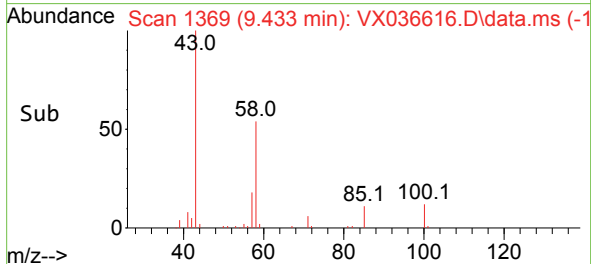
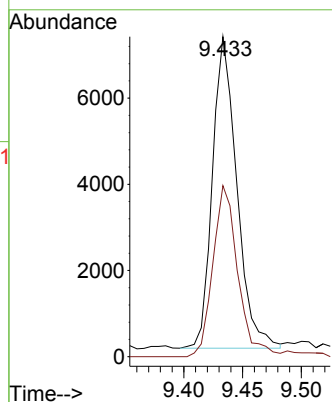
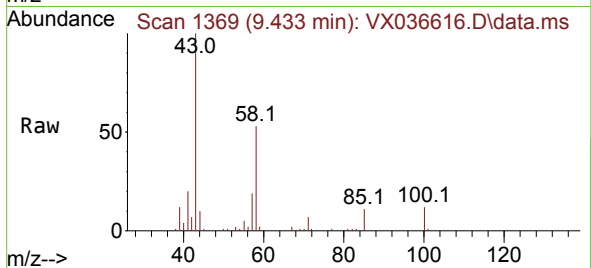
LOQ-WATER-02-QT3-2023

Tgt Ion: 43 Resp: 10457

Ion Ratio Lower Upper

43 100

58 55.9 26.2 78.5



#60

Dibromochloromethane

Concen: 0.905 ug/l

RT: 9.525 min Scan# 1384

Delta R.T. 0.006 min

Lab File: VX036616.D

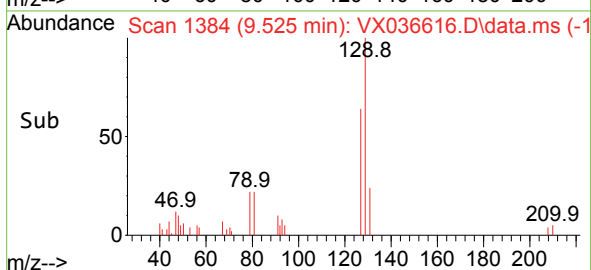
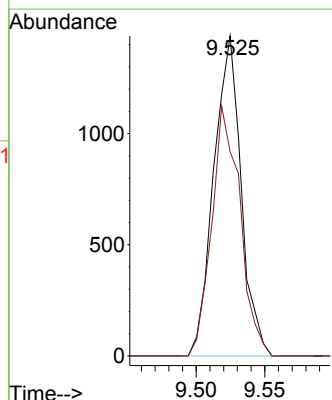
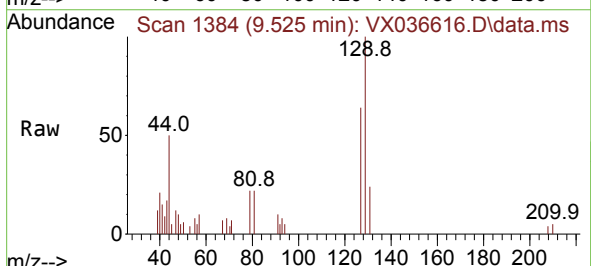
Acq: 21 Jul 2023 18:05

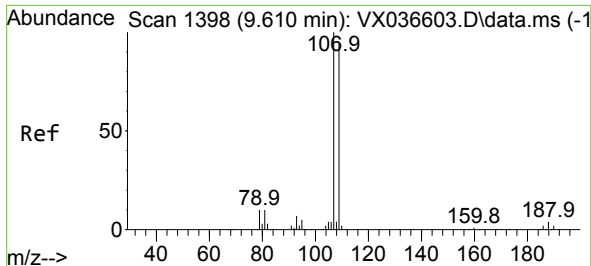
Tgt Ion: 129 Resp: 1996

Ion Ratio Lower Upper

129 100

127 80.7 38.8 116.4

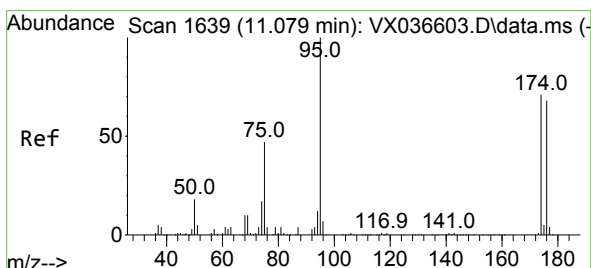
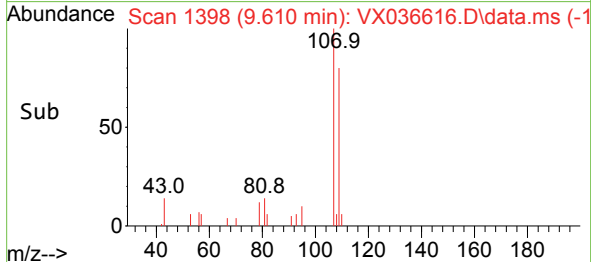
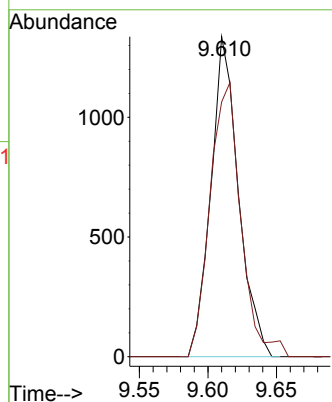
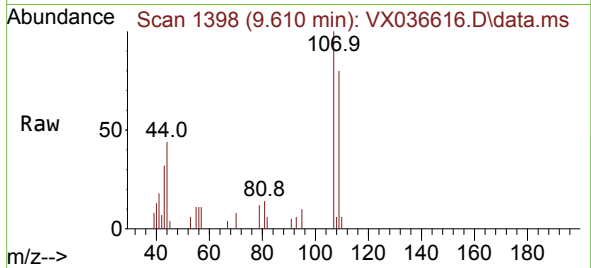




#61
1,2-Dibromoethane
Concen: 0.901 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX036616.D
Acq: 21 Jul 2023 18:05

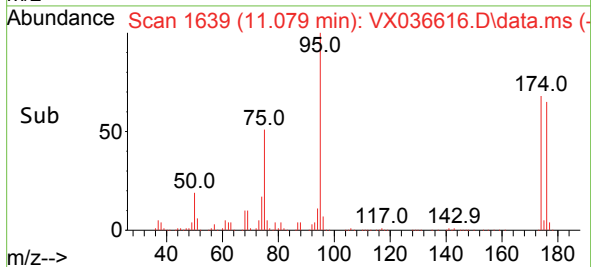
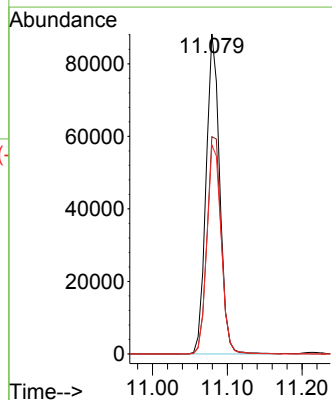
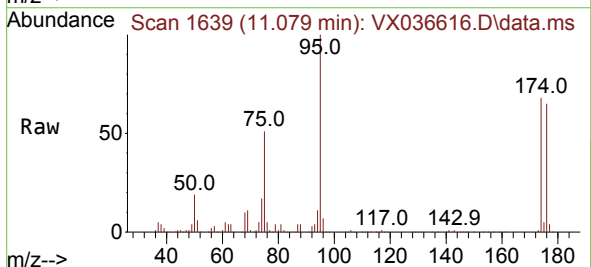
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT3-2023

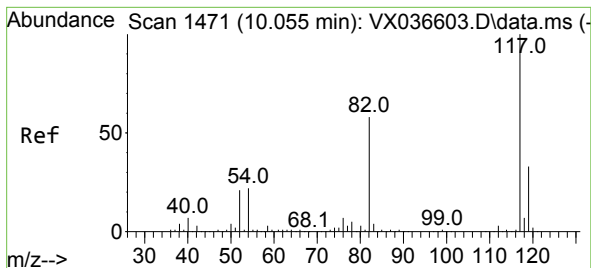
Tgt Ion:107 Resp: 1873
Ion Ratio Lower Upper
107 100
109 95.8 75.2 112.8



#62
4-Bromofluorobenzene
Concen: 47.402 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036616.D
Acq: 21 Jul 2023 18:05

Tgt Ion: 95 Resp: 111421
Ion Ratio Lower Upper
95 100
174 71.4 0.0 135.6
176 68.4 0.0 131.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX036616.D

Acq: 21 Jul 2023 18:05

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT3-2023

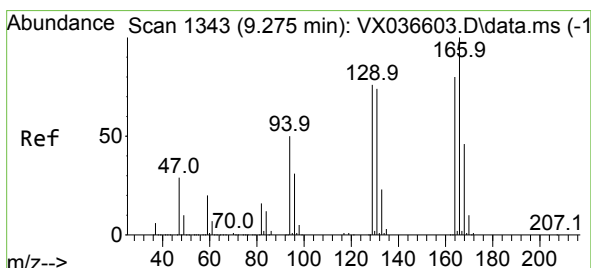
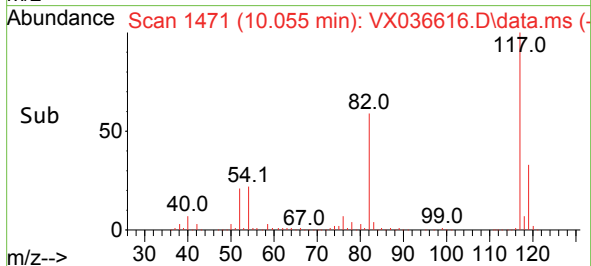
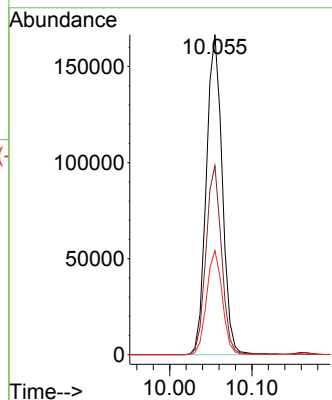
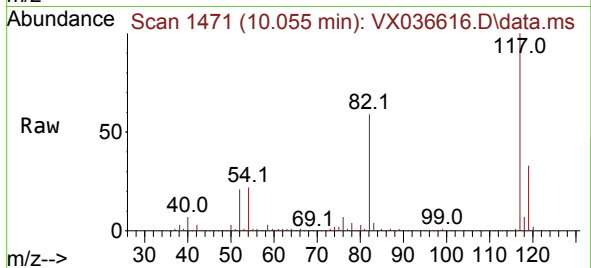
Tgt Ion:117 Resp: 224483

Ion Ratio Lower Upper

117 100

82 59.1 46.2 69.4

119 32.5 25.5 38.3



#64

Tetrachloroethene

Concen: 1.035 ug/l

RT: 9.275 min Scan# 1343

Delta R.T. 0.000 min

Lab File: VX036616.D

Acq: 21 Jul 2023 18:05

Tgt Ion:164 Resp: 1733

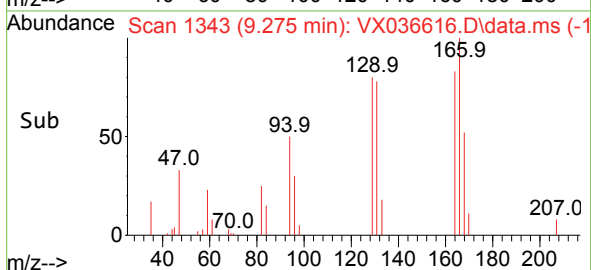
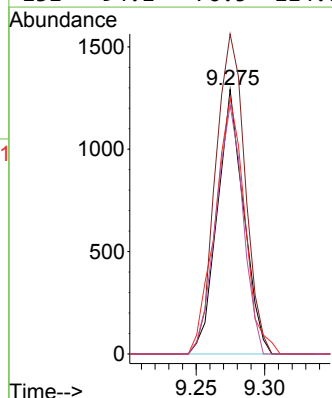
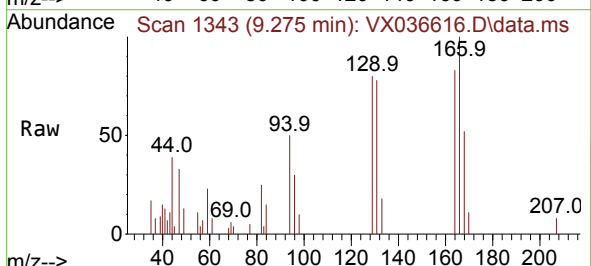
Ion Ratio Lower Upper

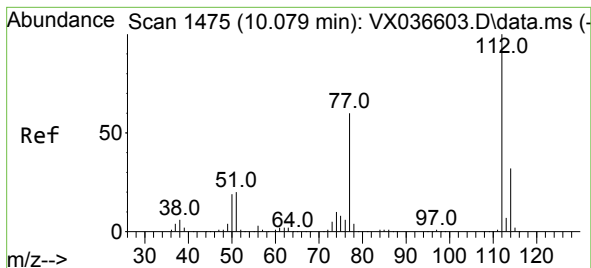
164 100

166 121.0 102.7 154.1

129 96.8 80.4 120.6

131 94.1 76.5 114.7





#65

Chlorobenzene

Concen: 1.038 ug/l

RT: 10.079 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VX036616.D

Acq: 21 Jul 2023 18:05

Instrument :

MSVOA_X

ClientSampleId :

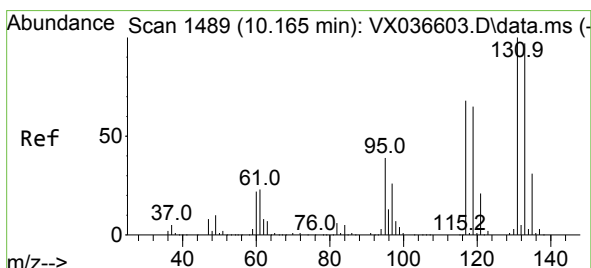
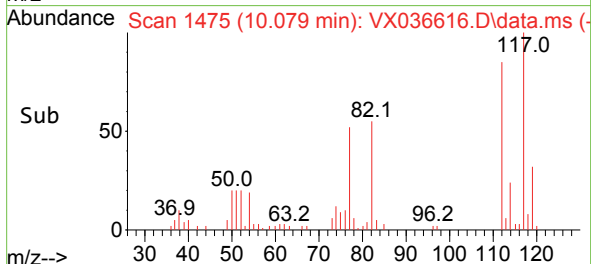
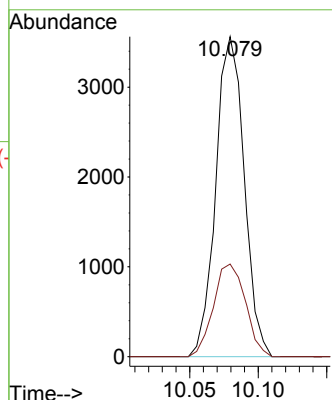
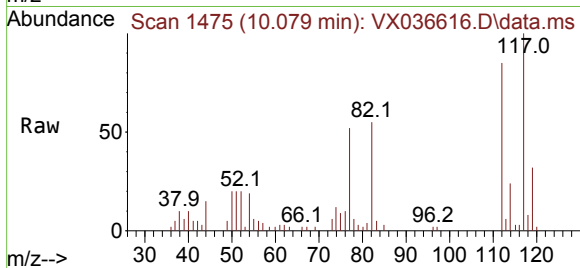
LOQ-WATER-02-QT3-2023

Tgt Ion:112 Resp: 5137

Ion Ratio Lower Upper

112 100

114 28.9 25.7 38.5



#66

1,1,1,2-Tetrachloroethane

Concen: 1.010 ug/l

RT: 10.165 min Scan# 1489

Delta R.T. 0.000 min

Lab File: VX036616.D

Acq: 21 Jul 2023 18:05

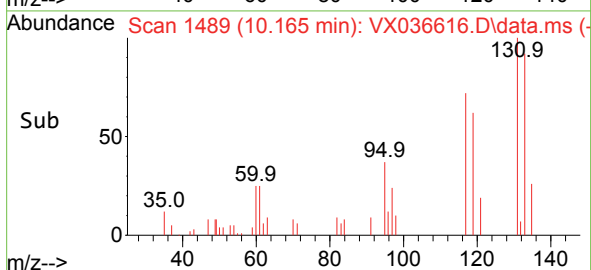
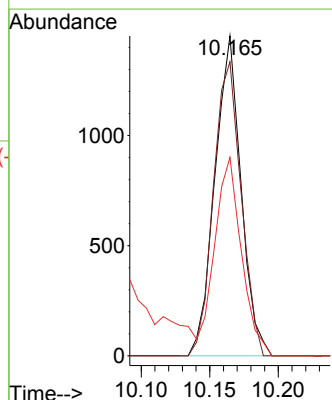
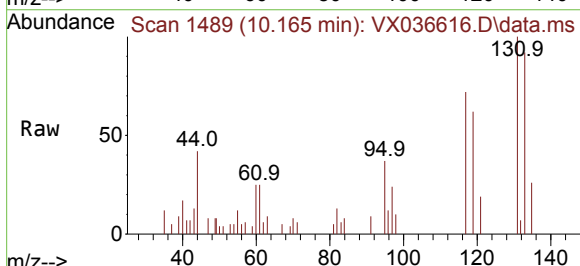
Tgt Ion:131 Resp: 1931

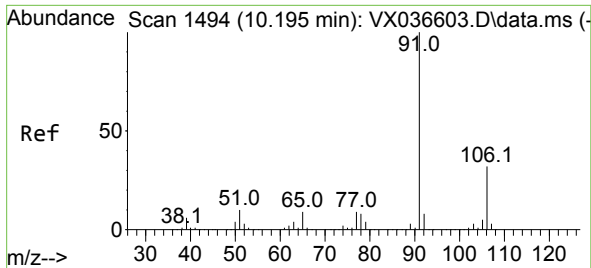
Ion Ratio Lower Upper

131 100

133 96.9 47.1 141.4

119 0.0 32.2 96.6#

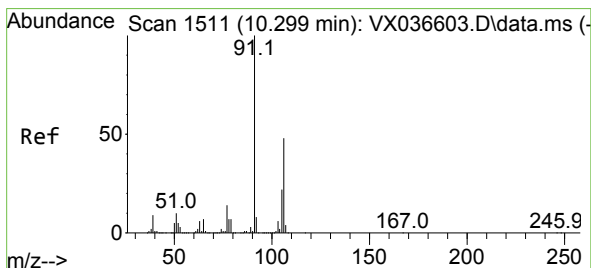
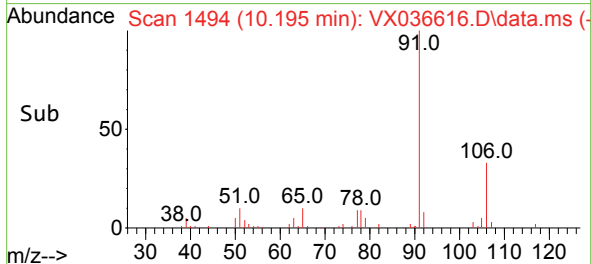
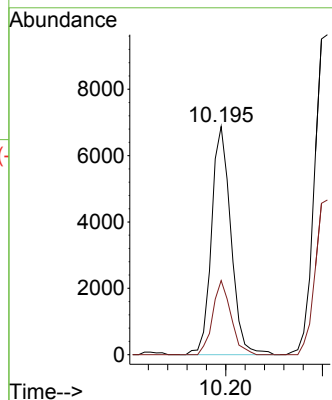
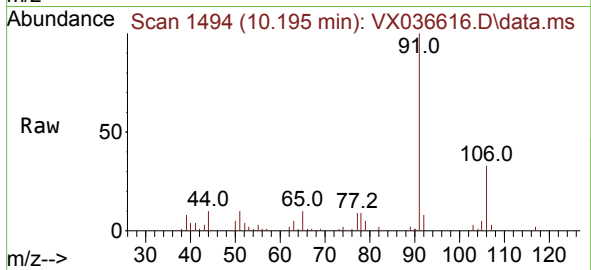




#67
Ethyl Benzene
Concen: 1.058 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX036616.D
Acq: 21 Jul 2023 18:05

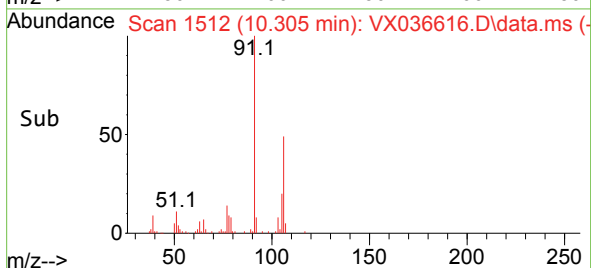
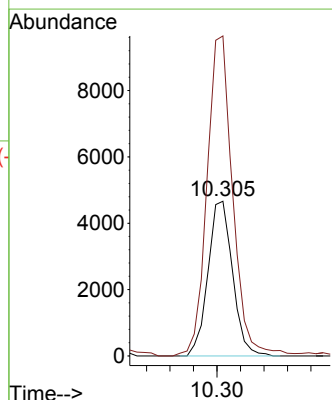
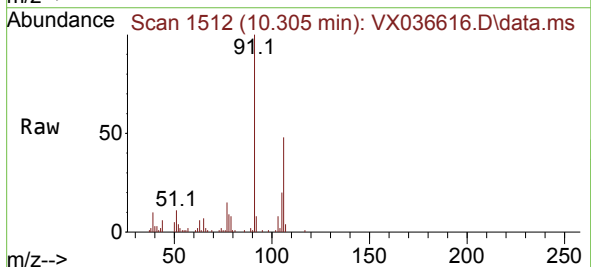
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT3-2023

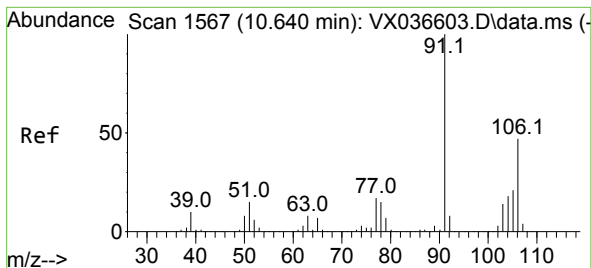
Tgt Ion: 91 Resp: 9565
Ion Ratio Lower Upper
91 100
106 32.5 24.9 37.3



#68
m/p-Xylenes
Concen: 2.010 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX036616.D
Acq: 21 Jul 2023 18:05

Tgt Ion: 106 Resp: 6780
Ion Ratio Lower Upper
106 100
91 215.9 165.5 248.3





#69

o-Xylene

Concen: 0.976 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX036616.D

Acq: 21 Jul 2023 18:05

Instrument :

MSVOA_X

ClientSampleId :

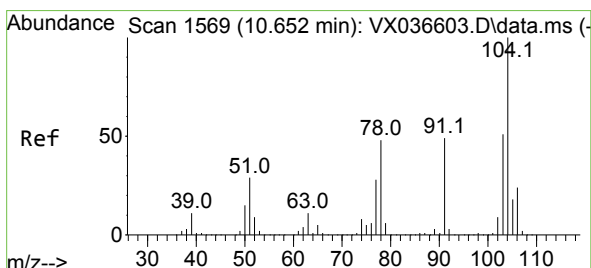
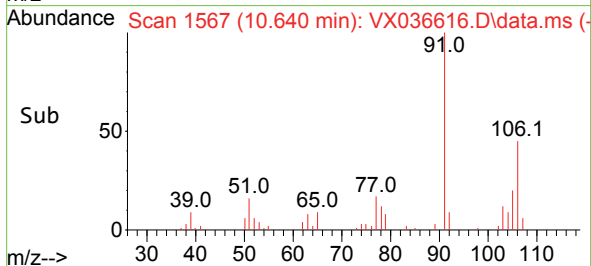
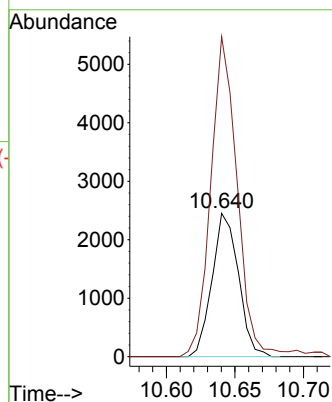
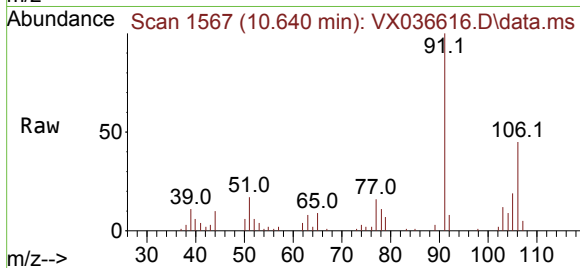
LOQ-WATER-02-QT3-2023

Tgt Ion:106 Resp: 3286

Ion Ratio Lower Upper

106 100

91 226.6 108.9 326.8



#70

Styrene

Concen: 0.976 ug/l

RT: 10.659 min Scan# 1570

Delta R.T. 0.006 min

Lab File: VX036616.D

Acq: 21 Jul 2023 18:05

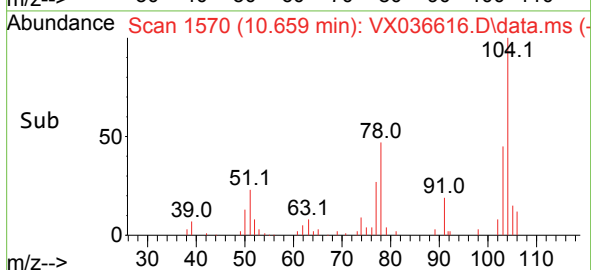
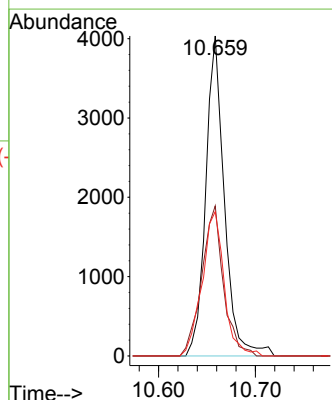
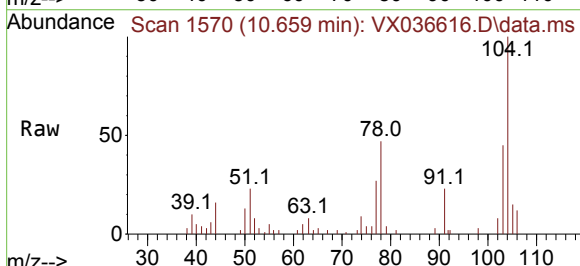
Tgt Ion:104 Resp: 5421

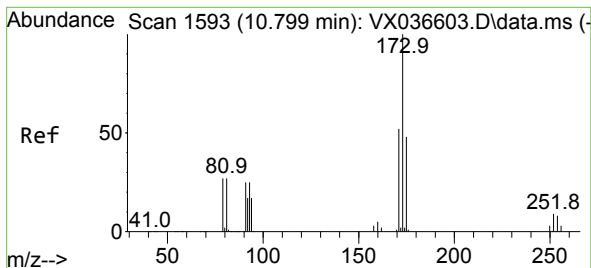
Ion Ratio Lower Upper

104 100

78 54.6 43.6 65.4

103 53.4 43.6 65.4





#71

Bromoform

Concen: 0.805 ug/l

RT: 10.799 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX036616.D

Acq: 21 Jul 2023 18:05

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT3-2023

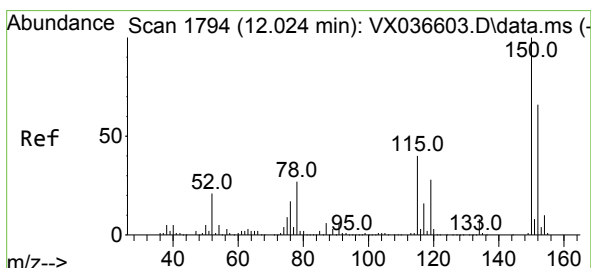
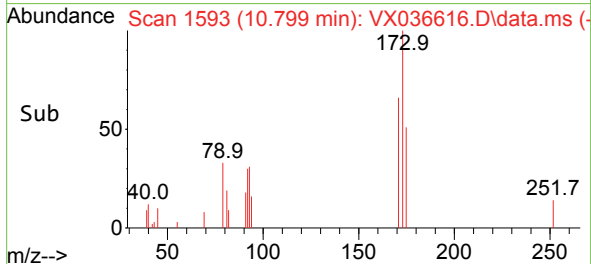
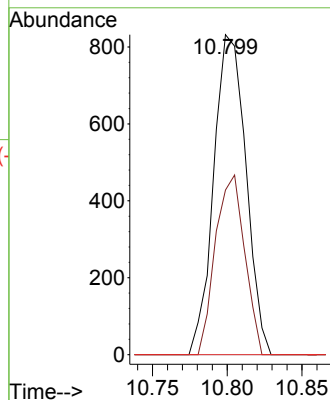
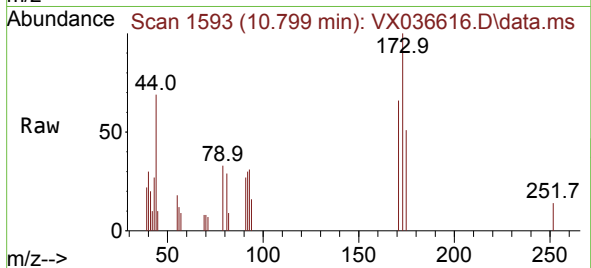
Tgt Ion:173 Resp: 1247

Ion Ratio Lower Upper

173 100

175 50.8 24.1 72.4

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX036616.D

Acq: 21 Jul 2023 18:05

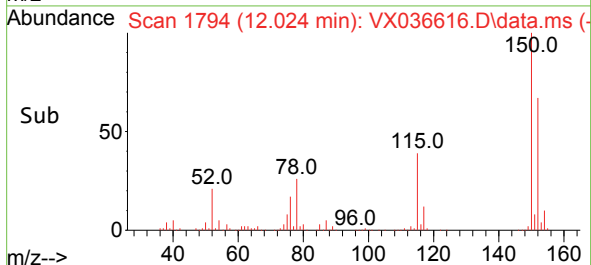
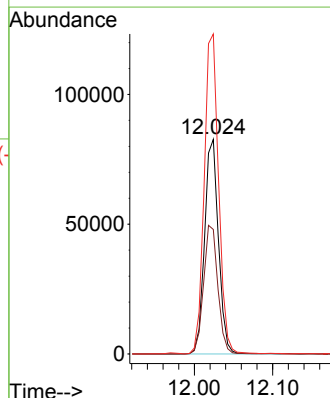
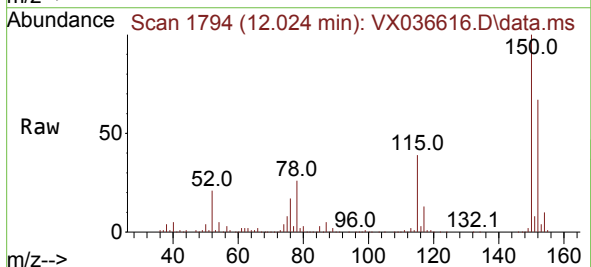
Tgt Ion:152 Resp: 101696

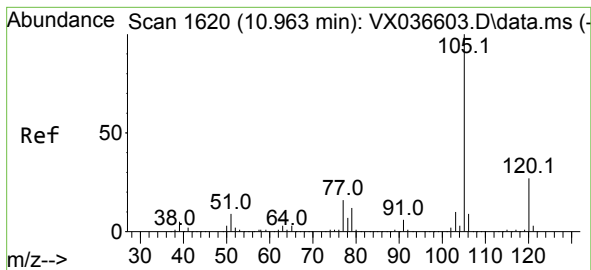
Ion Ratio Lower Upper

152 100

115 61.6 43.3 129.9

150 154.2 0.0 345.0





#73

Isopropylbenzene

Concen: 1.045 ug/l

RT: 10.963 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX036616.D

Acq: 21 Jul 2023 18:05

Instrument :

MSVOA_X

ClientSampleId :

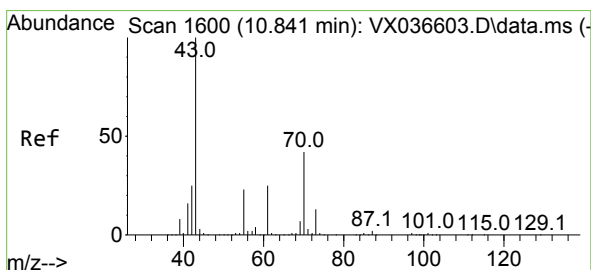
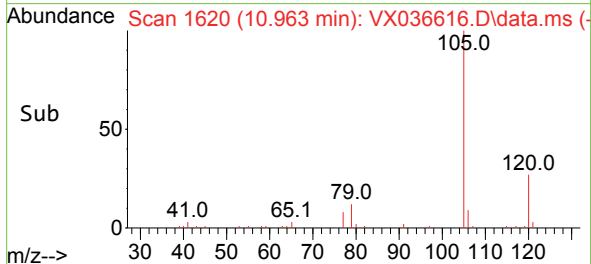
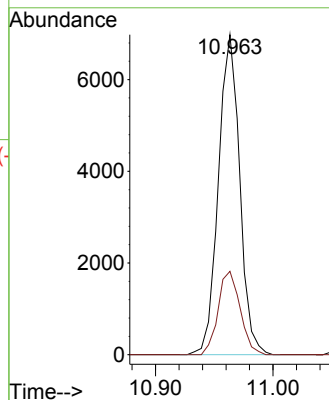
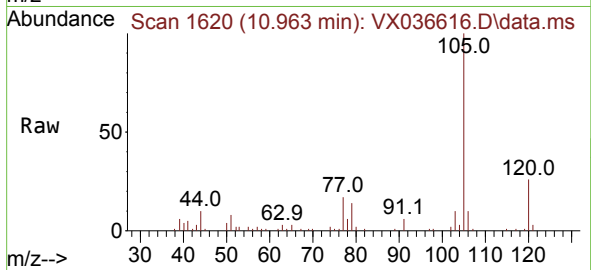
LOQ-WATER-02-QT3-2023

Tgt Ion:105 Resp: 8796

Ion Ratio Lower Upper

105 100

120 26.9 12.9 38.6



#74

N-ethyl acetate

Concen: 1.027 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX036616.D

Acq: 21 Jul 2023 18:05

Tgt Ion: 43 Resp: 4031

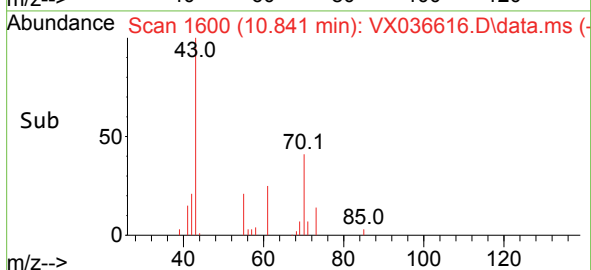
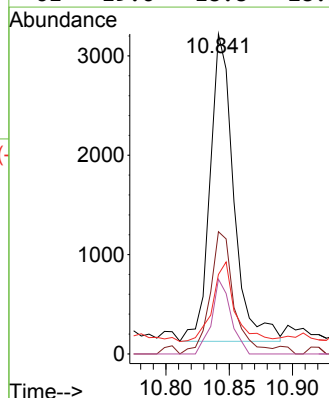
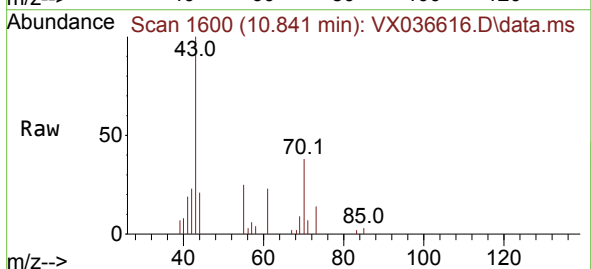
Ion Ratio Lower Upper

43 100

70 41.4 32.9 49.3

55 23.9 19.3 28.9

61 19.6 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 1.052 ug/l

RT: 11.213 min Scan# 1661

Delta R.T. 0.000 min

Lab File: VX036616.D

Acq: 21 Jul 2023 18:05

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT3-2023

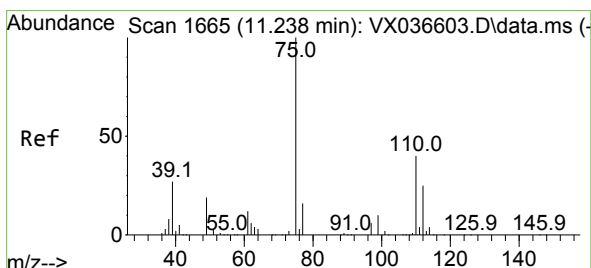
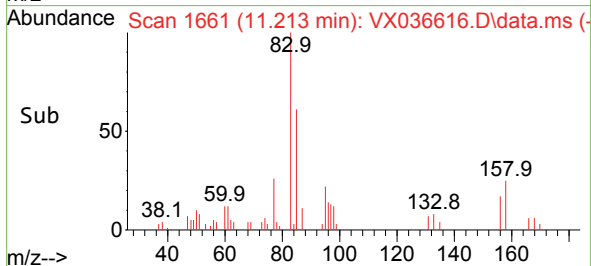
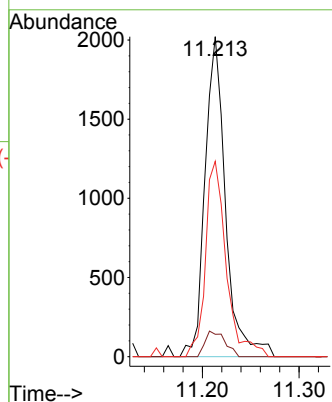
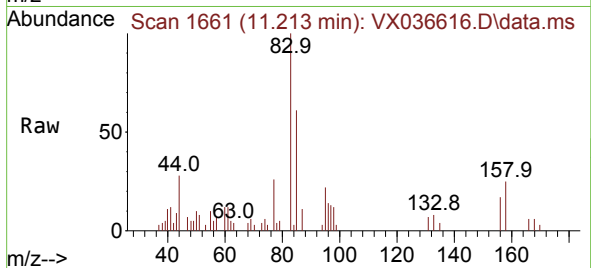
Tgt Ion: 83 Resp: 2989

Ion Ratio Lower Upper

83 100

131 7.7 5.3 15.8

85 61.8 32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 1.268 ug/l

RT: 11.238 min Scan# 1665

Delta R.T. 0.000 min

Lab File: VX036616.D

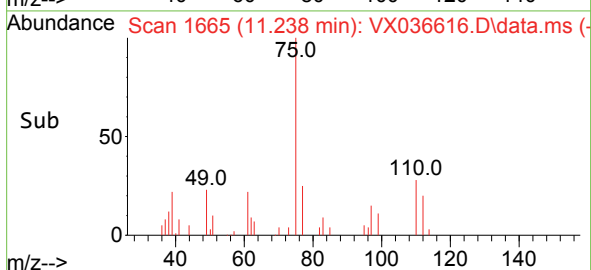
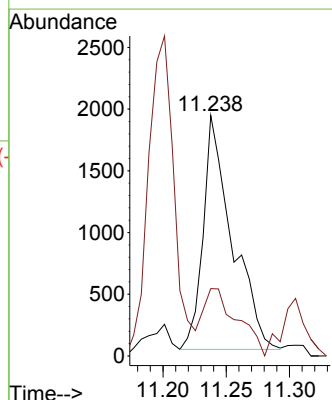
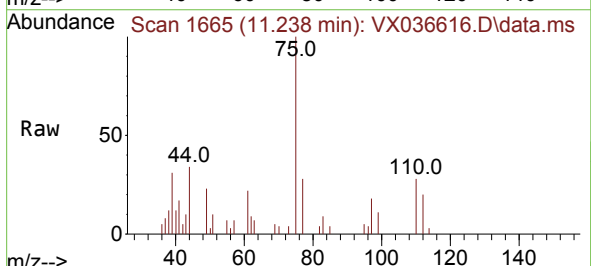
Acq: 21 Jul 2023 18:05

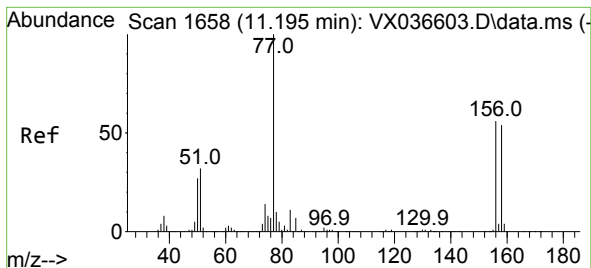
Tgt Ion: 75 Resp: 3034

Ion Ratio Lower Upper

75 100

77 33.6 19.1 57.5





#77

Bromobenzene

Concen: 0.907 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.006 min

Lab File: VX036616.D

Acq: 21 Jul 2023 18:05

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT3-2023

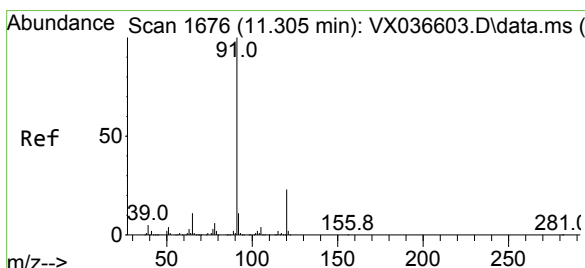
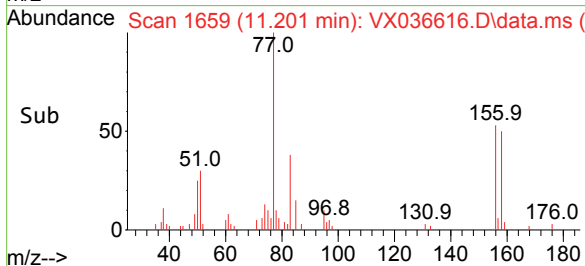
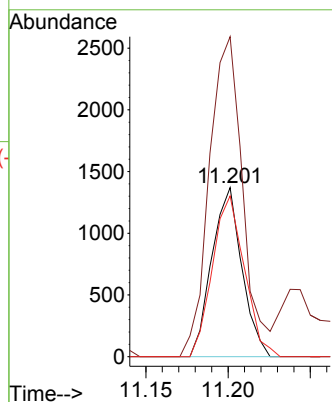
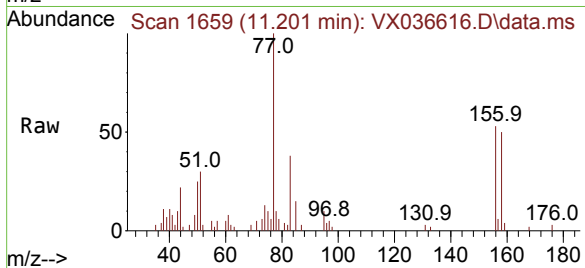
Tgt Ion:156 Resp: 1739

Ion Ratio Lower Upper

156 100

77 210.8 88.4 265.3

158 101.2 48.0 144.0



#78

n-propylbenzene

Concen: 1.063 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX036616.D

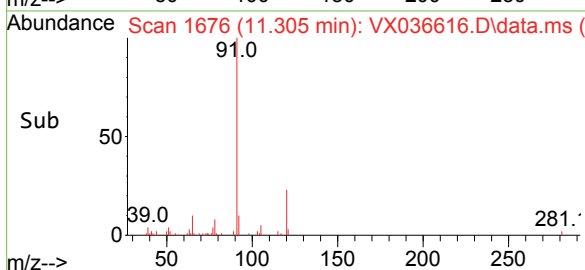
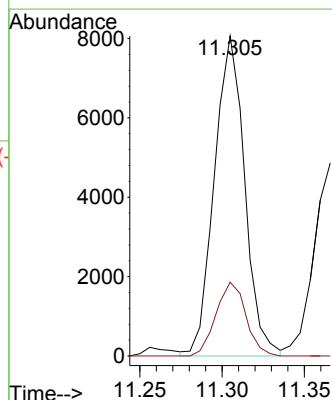
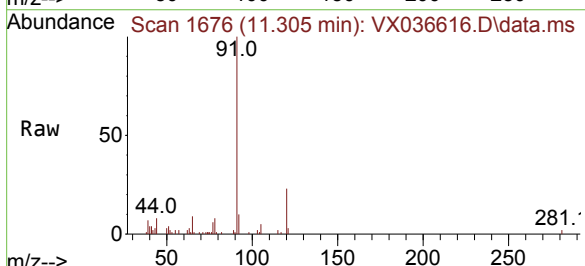
Acq: 21 Jul 2023 18:05

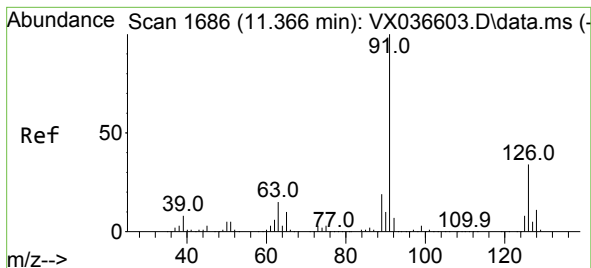
Tgt Ion: 91 Resp: 10343

Ion Ratio Lower Upper

91 100

120 22.7 11.5 34.4





#79

2-Chlorotoluene

Concen: 1.089 ug/l

RT: 11.366 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX036616.D

Acq: 21 Jul 2023 18:05

Instrument :

MSVOA_X

ClientSampleId :

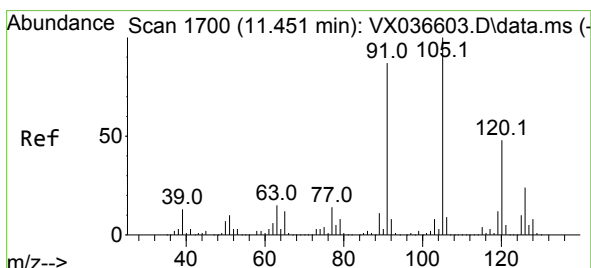
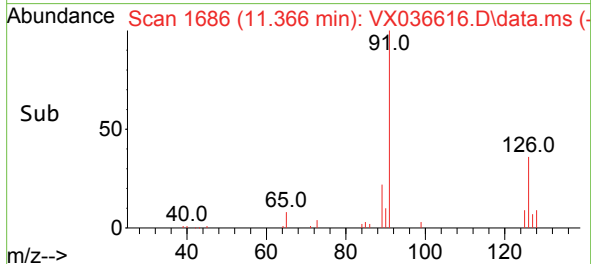
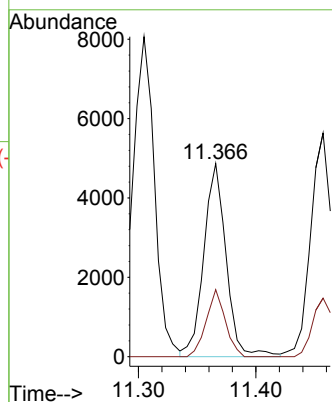
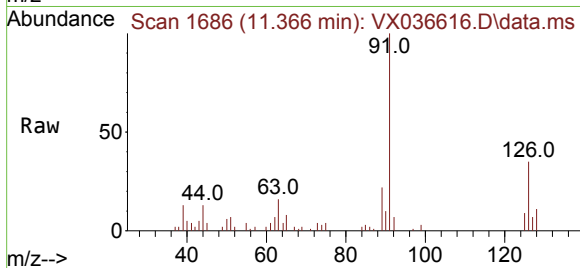
LOQ-WATER-02-QT3-2023

Tgt Ion: 91 Resp: 6422

Ion Ratio Lower Upper

91 100

126 29.8 16.3 48.8



#80

1,3,5-Trimethylbenzene

Concen: 1.069 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX036616.D

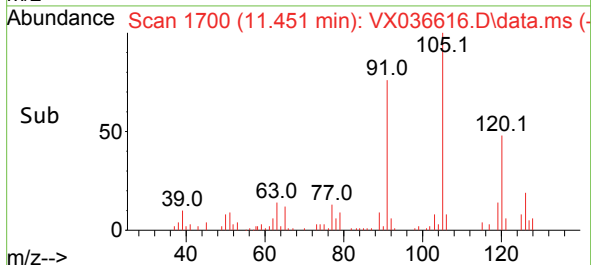
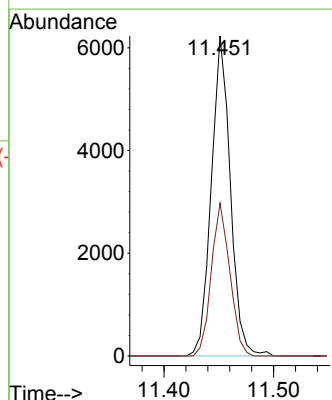
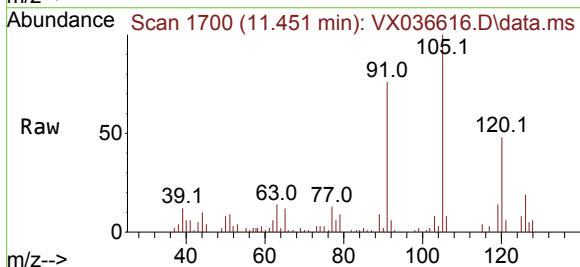
Acq: 21 Jul 2023 18:05

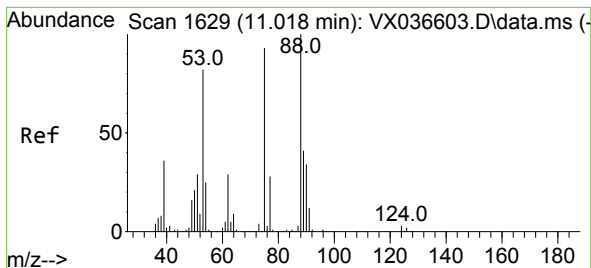
Tgt Ion: 105 Resp: 7528

Ion Ratio Lower Upper

105 100

120 46.3 24.1 72.3

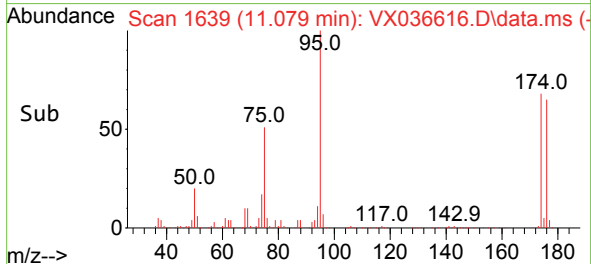
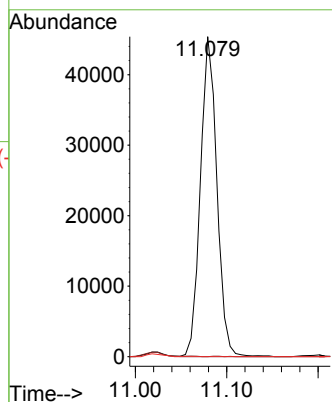
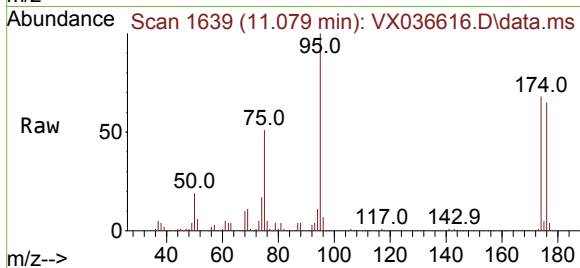




#81
trans-1,4-Dichloro-2-butene
Concen: 53.954 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX036616.D
Acq: 21 Jul 2023 18:05

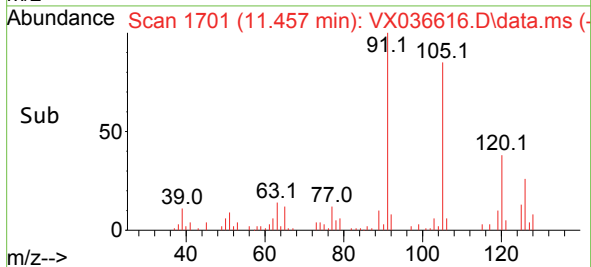
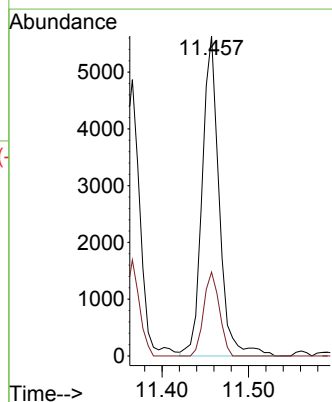
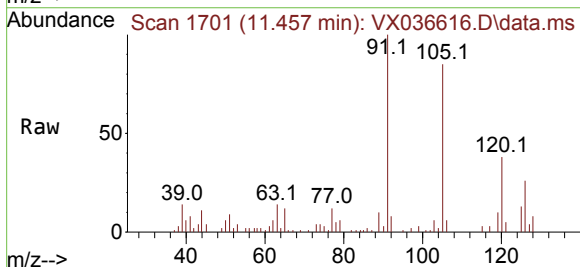
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT3-2023

Tgt Ion: 75 Resp: 56940
Ion Ratio Lower Upper
75 100
53 0.1 90.5 135.7#
89 0.0 36.9 55.3#



#82
4-Chlorotoluene
Concen: 1.145 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX036616.D
Acq: 21 Jul 2023 18:05

Tgt Ion: 91 Resp: 7696
Ion Ratio Lower Upper
91 100
126 24.0 14.2 42.6





#83

tert-Butylbenzene

Concen: 1.049 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX036616.D

Acq: 21 Jul 2023 18:05

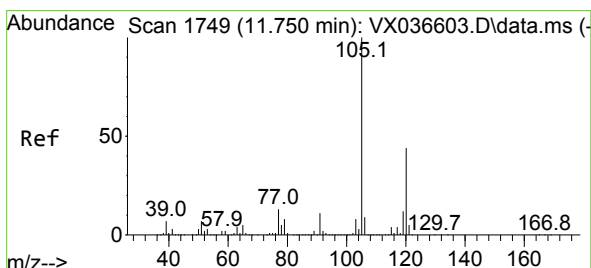
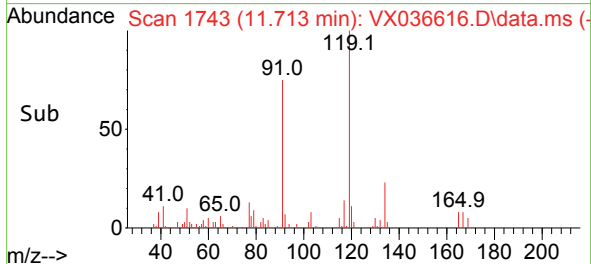
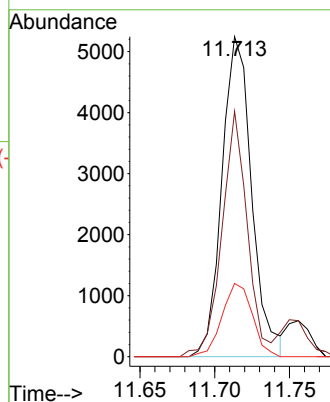
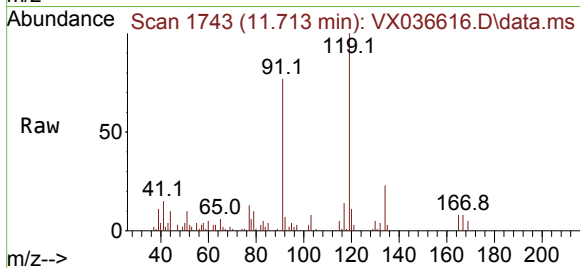
Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT3-2023

Tgt Ion:	119	Resp:	7255
Ion	Ratio	Lower	Upper
119	100		
91	65.4	31.2	93.6
134	23.3	11.7	35.0



#84

1,2,4-Trimethylbenzene

Concen: 1.040 ug/l

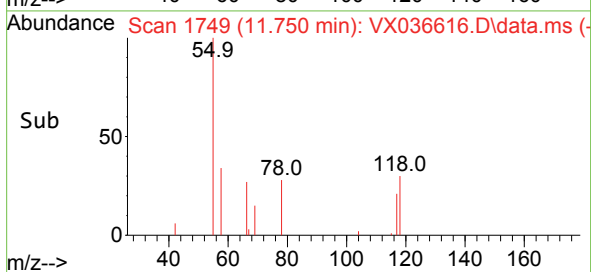
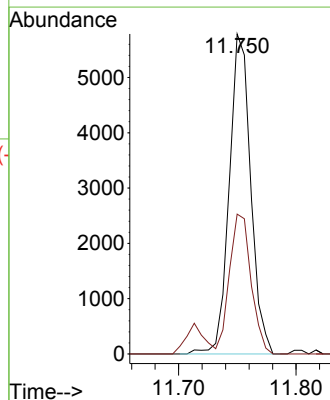
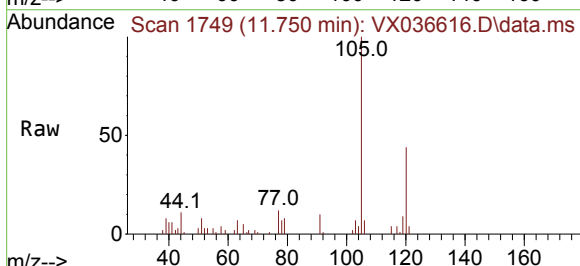
RT: 11.750 min Scan# 1749

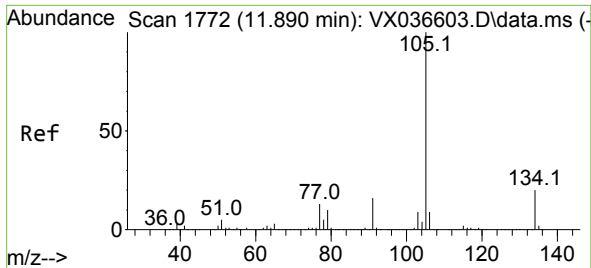
Delta R.T. 0.000 min

Lab File: VX036616.D

Acq: 21 Jul 2023 18:05

Tgt Ion:	105	Resp:	7322
Ion	Ratio	Lower	Upper
105	100		
120	44.1	21.2	63.6

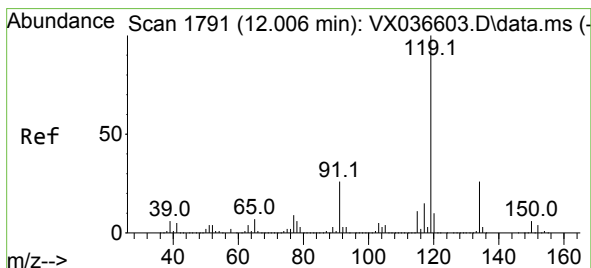
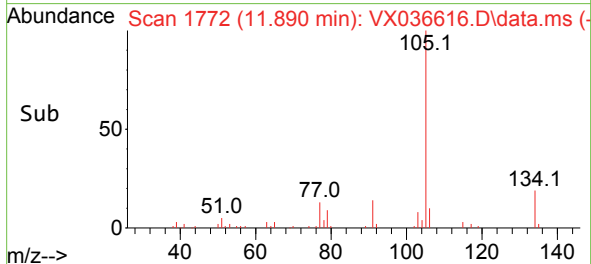
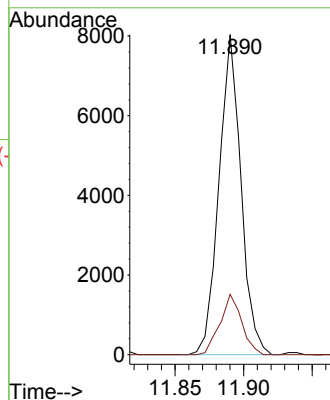
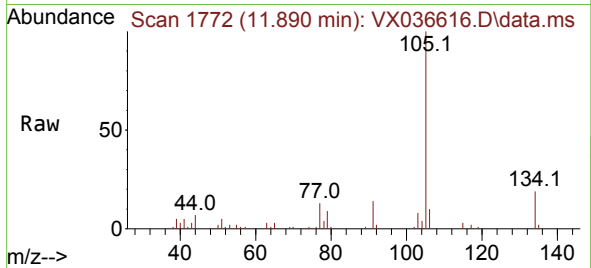




#85
 sec-Butylbenzene
 Concen: 1.037 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX036616.D
 Acq: 21 Jul 2023 18:05

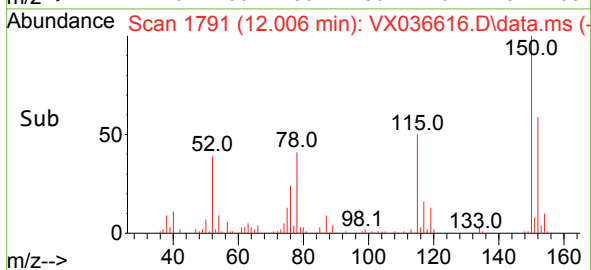
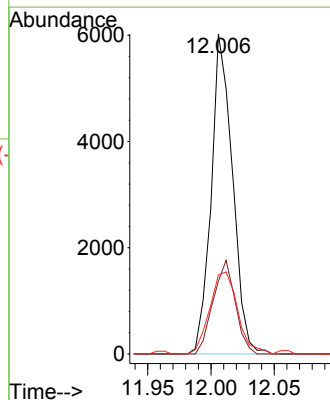
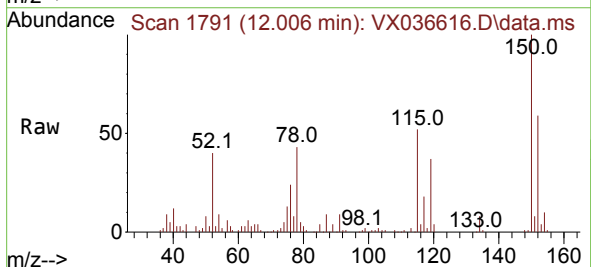
Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT3-2023

Tgt Ion:105 Resp: 8943
 Ion Ratio Lower Upper
 105 100
 134 18.7 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 0.993 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX036616.D
 Acq: 21 Jul 2023 18:05

Tgt Ion:119 Resp: 7048
 Ion Ratio Lower Upper
 119 100
 134 30.2 12.8 38.3
 91 33.5 13.1 39.3

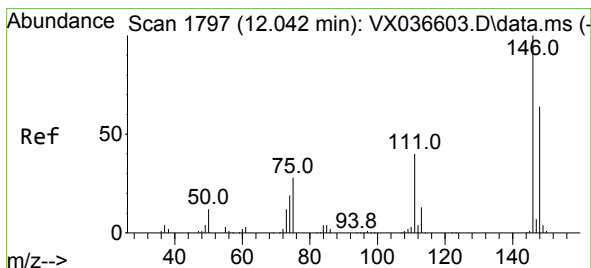
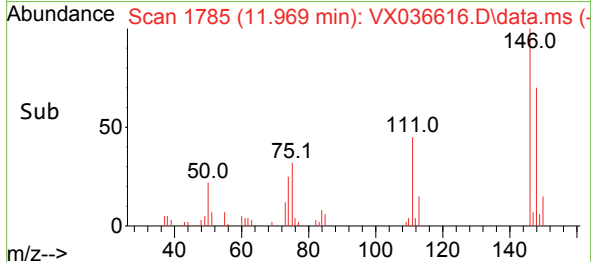
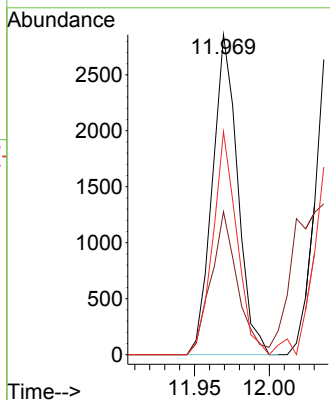
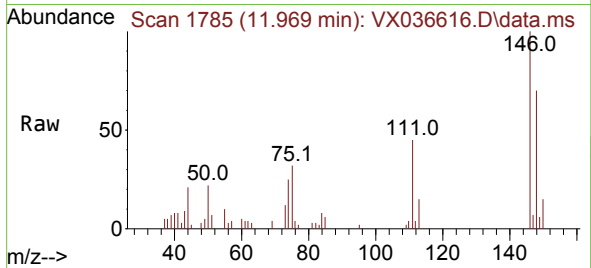




#87
 1,3-Dichlorobenzene
 Concen: 0.947 ug/l
 RT: 11.969 min Scan# 1785
 Delta R.T. 0.000 min
 Lab File: VX036616.D
 Acq: 21 Jul 2023 18:05

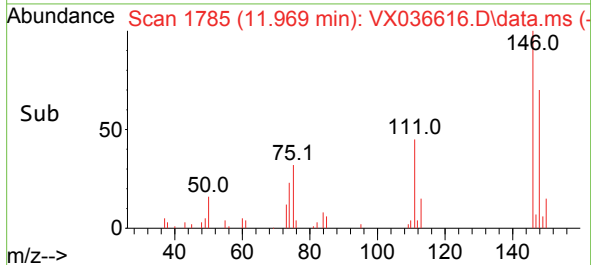
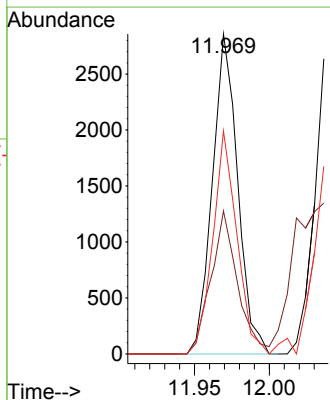
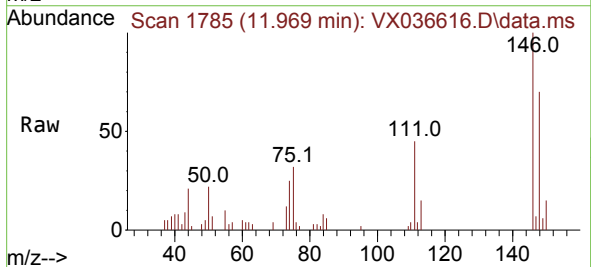
Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT3-2023

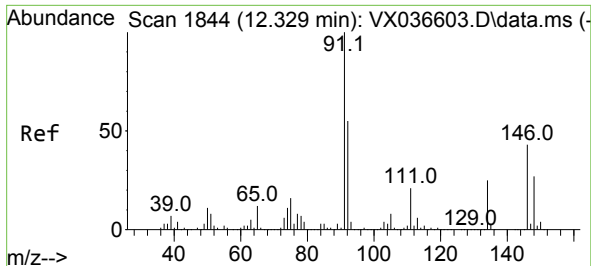
Tgt Ion:146	Resp:	3363
Ion	Ratio	Lower Upper
146	100	
111	47.1	22.1 66.1
148	66.2	31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 0.955 ug/l
 RT: 11.969 min Scan# 1785
 Delta R.T. -0.073 min
 Lab File: VX036616.D
 Acq: 21 Jul 2023 18:05

Tgt Ion:146	Resp:	3363
Ion	Ratio	Lower Upper
146	100	
111	47.1	21.3 63.7
148	66.2	31.8 95.4

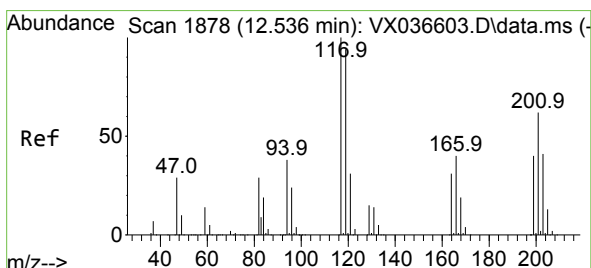
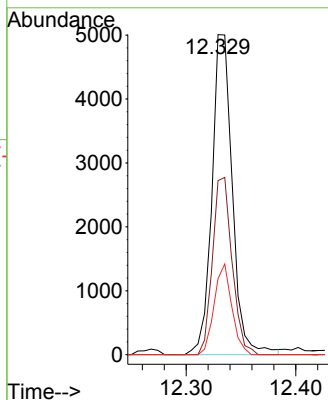
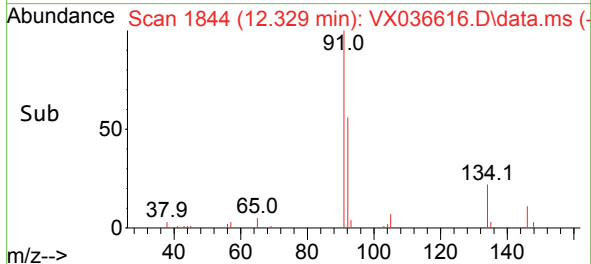
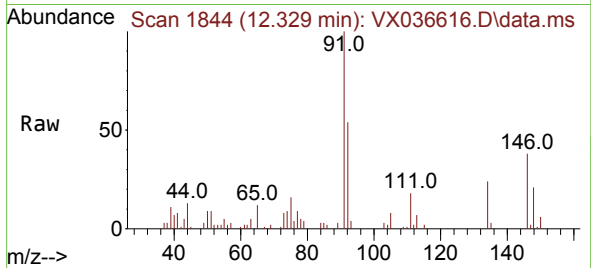




#89
n-Butylbenzene
Concen: 1.025 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX036616.D
Acq: 21 Jul 2023 18:05

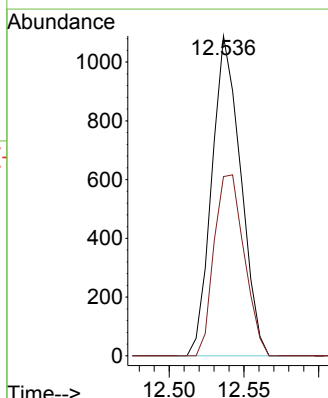
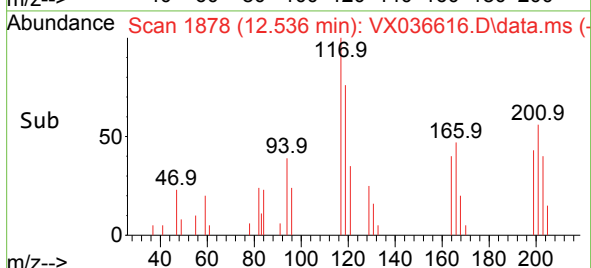
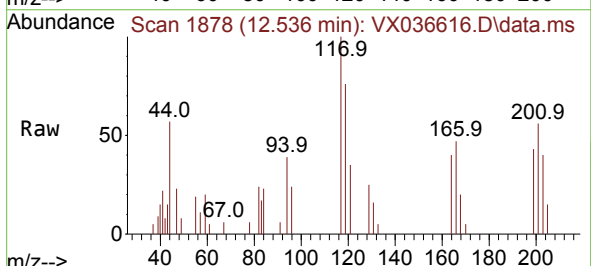
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT3-2023

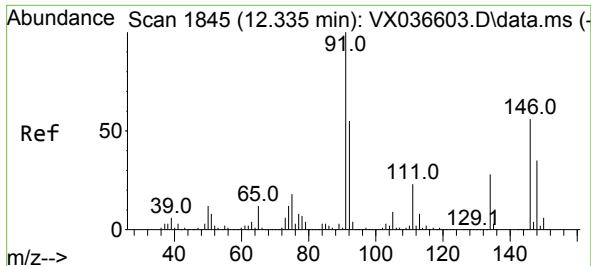
Tgt Ion: 91	Resp:	6511
Ion Ratio	Lower	Upper
91	100	
92	52.8	27.4 82.0
134	24.5	12.6 37.8



#90
Hexachloroethane
Concen: 1.018 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX036616.D
Acq: 21 Jul 2023 18:05

Tgt Ion: 117	Resp:	1465
Ion Ratio	Lower	Upper
117	100	
201	59.0	32.9 98.6

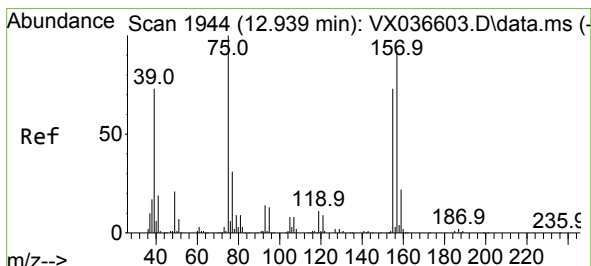
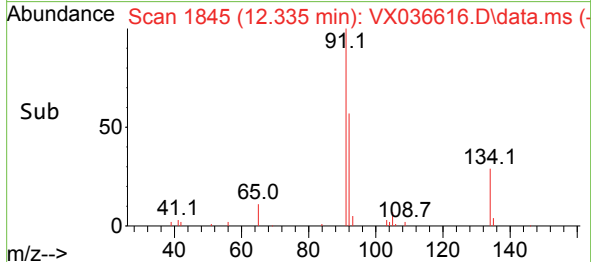
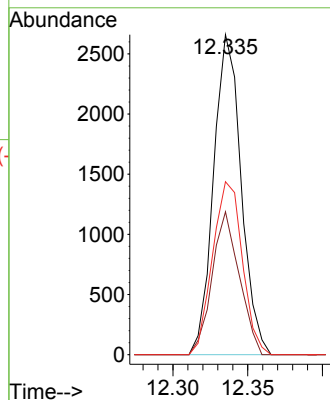
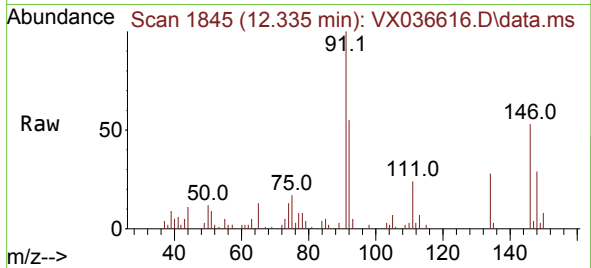




#91
1,2-Dichlorobenzene
Concen: 0.995 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX036616.D
Acq: 21 Jul 2023 18:05

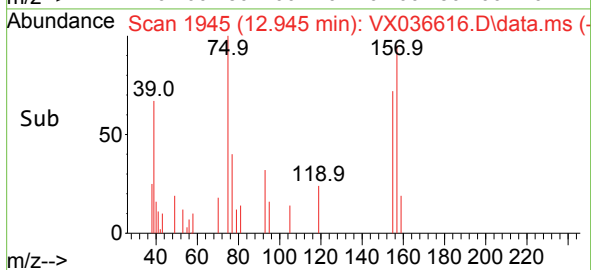
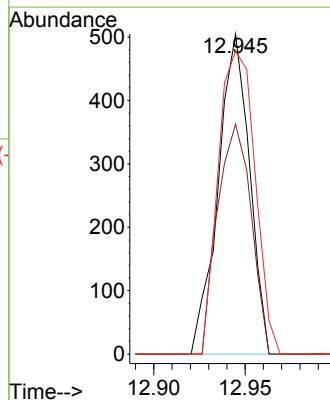
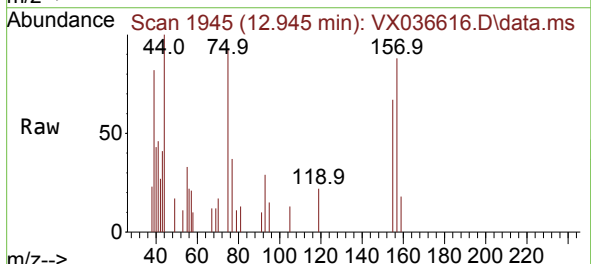
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT3-2023

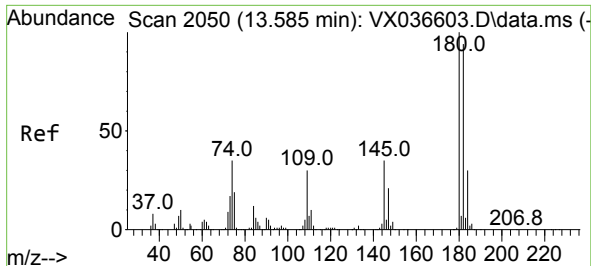
Tgt Ion:146 Resp: 3409
Ion Ratio Lower Upper
146 100
111 44.1 22.4 67.0
148 58.3 31.6 95.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.913 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX036616.D
Acq: 21 Jul 2023 18:05

Tgt Ion: 75 Resp: 603
Ion Ratio Lower Upper
75 100
155 76.8 36.1 108.5
157 110.9 44.9 134.7

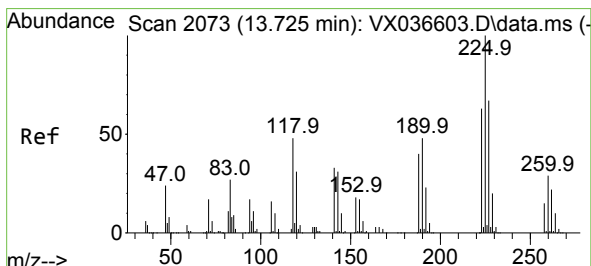
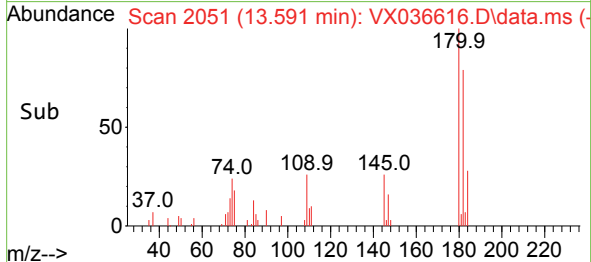
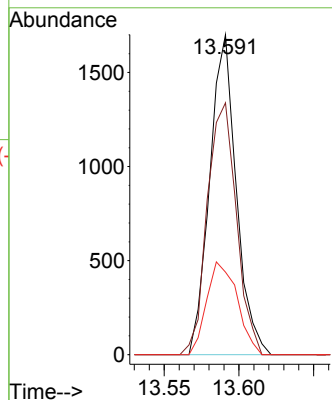
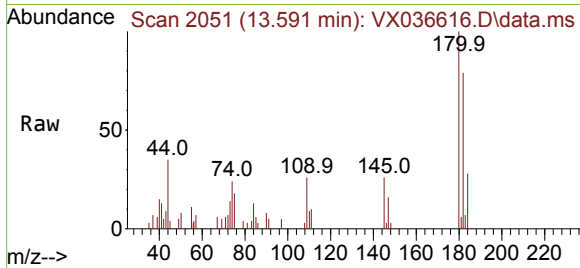




#93
1,2,4-Trichlorobenzene
Concen: 0.995 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX036616.D
Acq: 21 Jul 2023 18:05

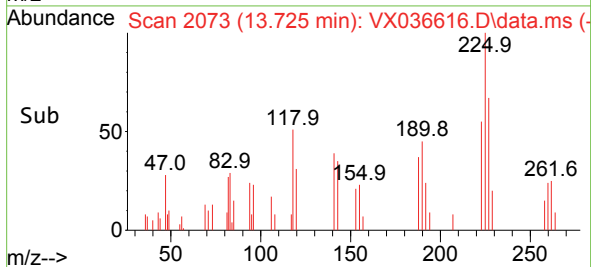
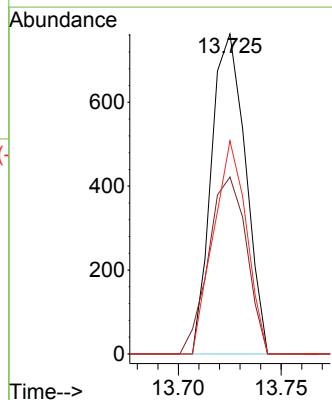
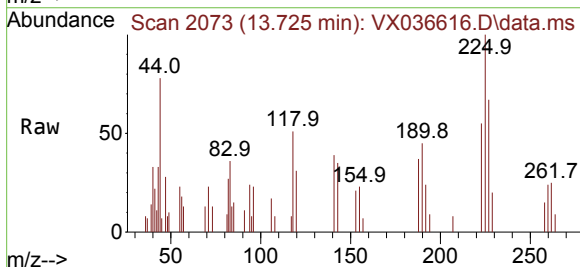
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT3-2023

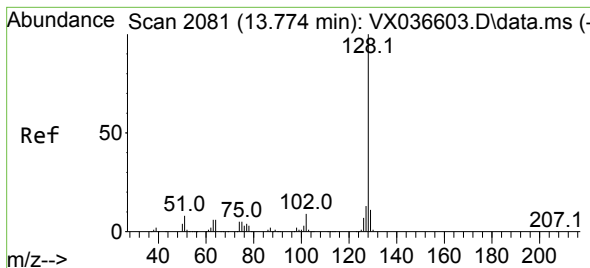
Tgt Ion:180 Resp: 2099
Ion Ratio Lower Upper
180 100
182 86.3 48.3 144.8
145 33.4 18.0 54.0



#94
Hexachlorobutadiene
Concen: 1.010 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX036616.D
Acq: 21 Jul 2023 18:05

Tgt Ion:225 Resp: 882
Ion Ratio Lower Upper
225 100
223 61.6 31.1 93.2
227 64.2 32.5 97.5





#95

Naphthalene

Concen: 0.954 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX036616.D

Acq: 21 Jul 2023 18:05

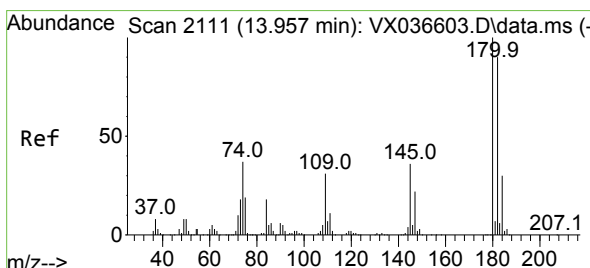
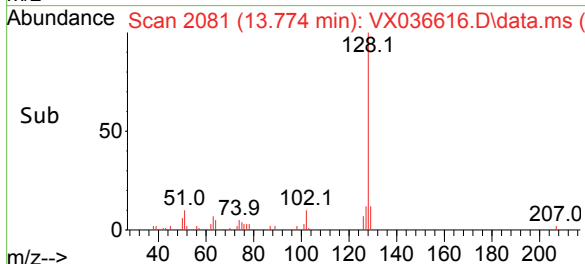
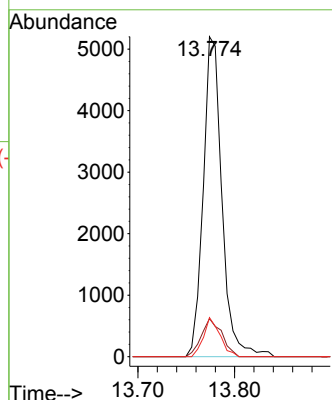
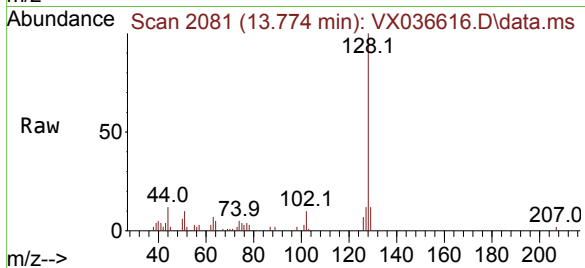
Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT3-2023

Tgt Ion:128	Resp:	7013
Ion	Ratio	Lower Upper
128	100	
127	13.0	10.3 15.5
129	10.8	8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 0.916 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.006 min

Lab File: VX036616.D

Acq: 21 Jul 2023 18:05

Tgt Ion:180	Resp:	1906
Ion	Ratio	Lower Upper
180	100	
182	98.2	46.9 140.6
145	32.4	17.8 53.5

