

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072123\
 Data File : VX036617.D
 Acq On : 21 Jul 2023 18:28
 Operator : JC/MD
 Sample : 03572-08 5.0PPB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

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

Quant Time: Jul 22 05:15:31 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	178847	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	311047	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	280700	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	129270	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	126395	47.763	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.520%
35) Dibromofluoromethane	5.385	113	103783	48.543	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.080%
50) Toluene-d8	8.647	98	369847	48.782	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.560%
62) 4-Bromofluorobenzene	11.079	95	140369	49.072	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.140%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.166	85	11866	5.022	ug/l	91
3) Chloromethane	1.294	50	10921	5.082	ug/l	97
4) Vinyl Chloride	1.374	62	11470	5.243	ug/l	100
5) Bromomethane	1.617	94	7006	5.364	ug/l	96
6) Chloroethane	1.691	64	5954	5.597	ug/l	95
7) Trichlorofluoromethane	1.886	101	17136	5.072	ug/l	98
8) Diethyl Ether	2.136	74	6258	4.788	ug/l	86
9) 1,1,2-Trichlorotrifluo...	2.325	101	10229	5.039	ug/l	100
10) Methyl Iodide	2.453	142	8993	4.265	ug/l	91
11) Tert butyl alcohol	2.995	59	17332	27.665	ug/l #	96
12) 1,1-Dichloroethene	2.319	96	10385	5.186	ug/l	86
13) Acrolein	2.239	56	10067	28.156	ug/l	99
14) Allyl chloride	2.666	41	18870	4.785	ug/l	96
15) Acrylonitrile	3.068	53	32458	25.762	ug/l	99
16) Acetone	2.392	43	26341	23.987	ug/l	90
17) Carbon Disulfide	2.514	76	28428	5.143	ug/l	100
18) Methyl Acetate	2.709	43	23242	5.031	ug/l	96
19) Methyl tert-butyl Ether	3.117	73	38175	5.073	ug/l	100
20) Methylene Chloride	2.794	84	12395	5.075	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	11227	5.016	ug/l	94
22) Diisopropyl ether	3.763	45	38192	5.101	ug/l	91
23) Vinyl Acetate	3.727	43	147058	25.604	ug/l	96
24) 1,1-Dichloroethane	3.611	63	20883	4.974	ug/l	96
25) 2-Butanone	4.568	43	44804	25.148	ug/l	96
26) 2,2-Dichloropropane	4.477	77	18349	4.639	ug/l	95
27) cis-1,2-Dichloroethene	4.495	96	12946	4.870	ug/l	96
28) Bromochloromethane	4.897	49	10967	5.402	ug/l	98
29) Tetrahydrofuran	5.019	42	29690	25.848	ug/l	93
30) Chloroform	5.099	83	22017	5.126	ug/l	97
31) Cyclohexane	5.470	56	17828	4.866	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	19230	4.886	ug/l	98
36) 1,1-Dichloropropene	5.696	75	15428	4.841	ug/l	96
37) Ethyl Acetate	4.721	43	18430	5.110	ug/l #	95
38) Carbon Tetrachloride	5.684	117	16827	4.967	ug/l	91
39) Methylcyclohexane	7.385	83	19474	4.915	ug/l	95
40) Benzene	6.044	78	44926	4.846	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	9820	5.091	ug/l	92
42) 1,2-Dichloroethane	6.092	62	17279	5.097	ug/l	92
43) Isopropyl Acetate	6.342	43	31497	5.073	ug/l	98
44) Trichloroethene	7.129	130	12007	4.955	ug/l	96
45) 1,2-Dichloropropane	7.434	63	12479	5.041	ug/l	99
46) Dibromomethane	7.586	93	8657	4.997	ug/l	98
47) Bromodichloromethane	7.824	83	18075	5.083	ug/l	97
48) Methyl methacrylate	7.696	41	14181	4.911	ug/l	91
49) 1,4-Dioxane	7.708	88	6079	104.219	ug/l #	93
51) 4-Methyl-2-Pentanone	8.574	43	91390	26.599	ug/l	97
52) Toluene	8.720	92	28671	4.935	ug/l	95
53) t-1,3-Dichloropropene	8.982	75	19768	4.918	ug/l	94
54) cis-1,3-Dichloropropene	8.366	75	20583	4.853	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	12216	5.003	ug/l	94
56) Ethyl methacrylate	9.116	69	20484	5.151	ug/l	93
57) 1,3-Dichloropropane	9.311	76	20725	5.096	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	50701	25.877	ug/l	100
59) 2-Hexanone	9.433	43	66748	26.177	ug/l	95
60) Dibromochloromethane	9.525	129	13334	4.968	ug/l	98
61) 1,2-Dibromoethane	9.610	107	12062	4.766	ug/l	95
64) Tetrachloroethene	9.275	164	10022	4.787	ug/l	97
65) Chlorobenzene	10.079	112	30280	4.894	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	11744	4.911	ug/l	96
67) Ethyl Benzene	10.195	91	54922	4.859	ug/l	99
68) m/p-Xylenes	10.299	106	41780	9.907	ug/l	99
69) o-Xylene	10.640	106	20469	4.862	ug/l	97
70) Styrene	10.652	104	32903	4.737	ug/l	100
71) Bromoform	10.799	173	9267	4.787	ug/l #	95
73) Isopropylbenzene	10.963	105	53906	5.039	ug/l	99
74) N-amyl acetate	10.841	43	25128	5.037	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	18213	5.040	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	20940	6.887	ug/l	92
77) Bromobenzene	11.201	156	12240	5.024	ug/l	98
78) n-propylbenzene	11.305	91	60745	4.910	ug/l	100
79) 2-Chlorotoluene	11.366	91	37564	5.010	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	45566	5.091	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	6167	4.597	ug/l	91
82) 4-Chlorotoluene	11.457	91	41525	4.861	ug/l	99
83) tert-Butylbenzene	11.713	119	44012	5.006	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	43794	4.893	ug/l	97
85) sec-Butylbenzene	11.890	105	54064	4.931	ug/l	99
86) p-Isopropyltoluene	12.006	119	44087	4.886	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	22051	4.887	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	22655	5.059	ug/l	95
89) n-Butylbenzene	12.335	91	37234	4.610	ug/l	99
90) Hexachloroethane	12.536	117	8608	4.706	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	21907	5.031	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	4001	4.765	ug/l	85
93) 1,2,4-Trichlorobenzene	13.591	180	12356	4.606	ug/l	97
94) Hexachlorobutadiene	13.725	225	5227	4.709	ug/l	97
95) Naphthalene	13.774	128	45328	4.848	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	12186	4.609	ug/l	98

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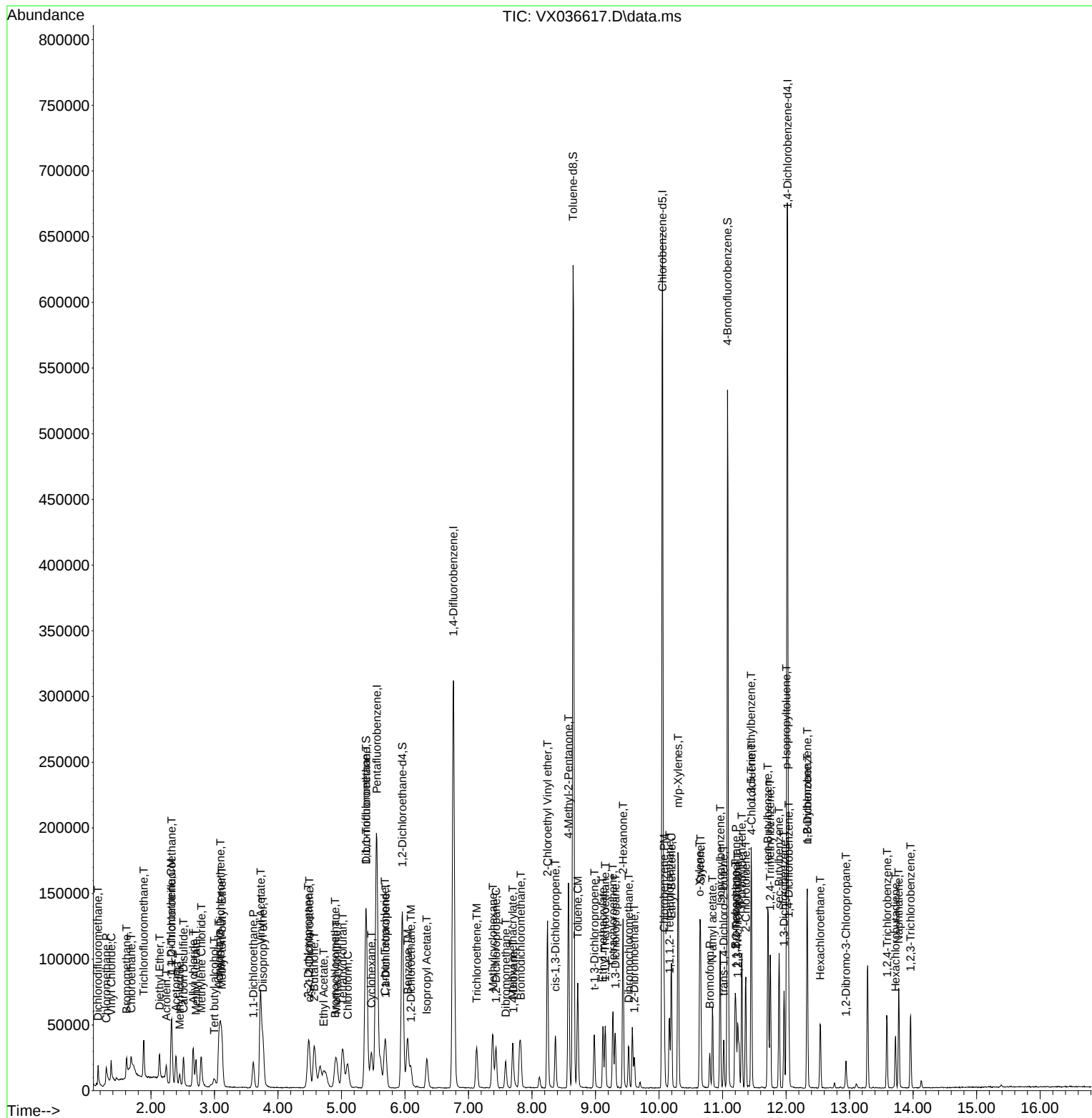
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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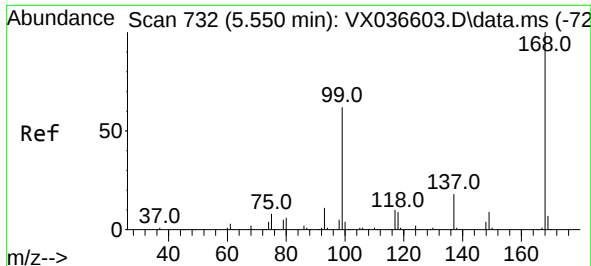
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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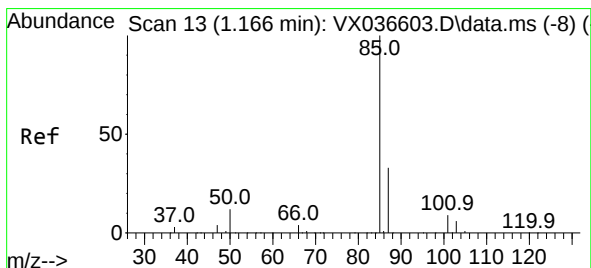
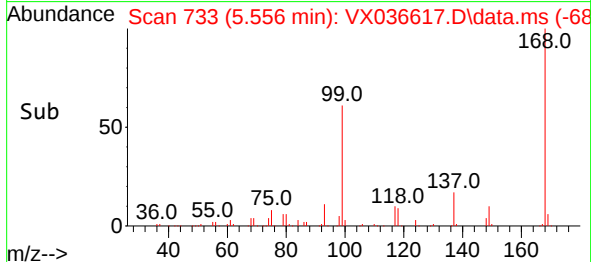
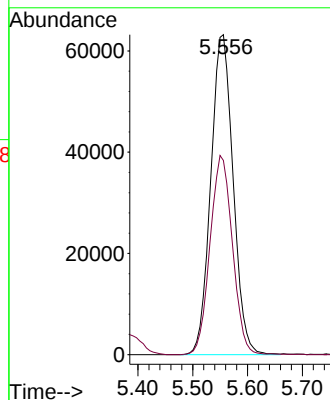
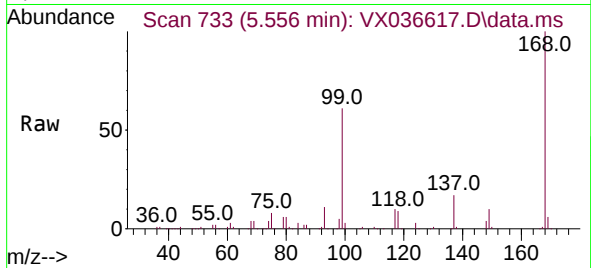




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX036617.D
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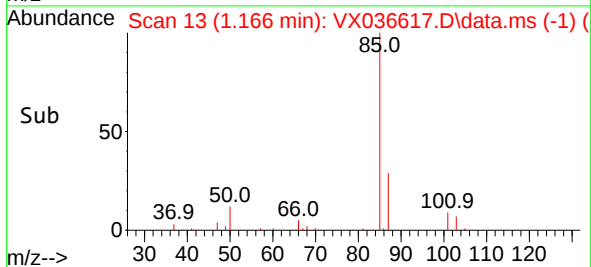
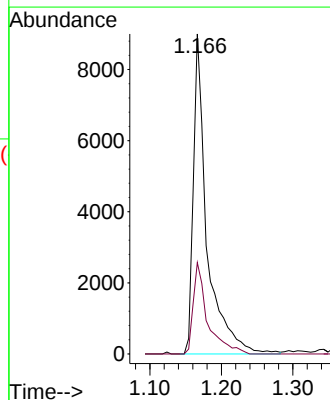
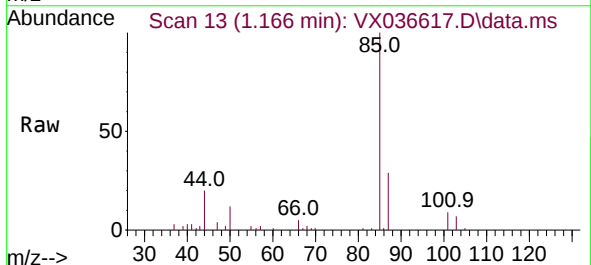
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT3-2023

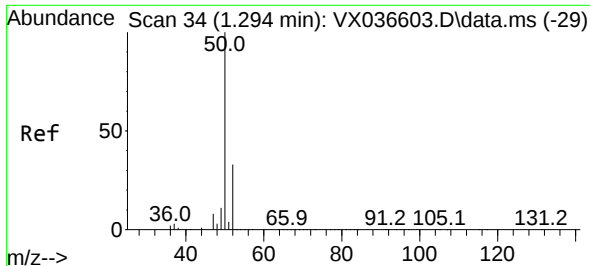
Tgt Ion:168 Resp: 178847
Ion Ratio Lower Upper
168 100
99 60.7 56.6 85.0



#2
Dichlorodifluoromethane
Concen: 5.022 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX036617.D
Acq: 21 Jul 2023 18:28

Tgt Ion: 85 Resp: 11866
Ion Ratio Lower Upper
85 100
87 28.6 16.7 50.1

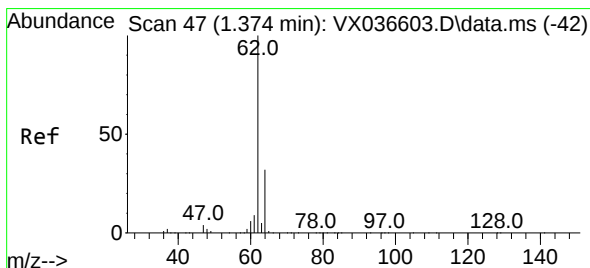
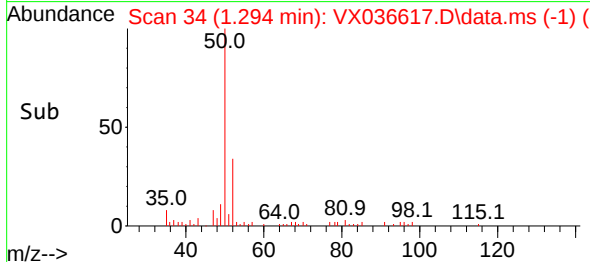
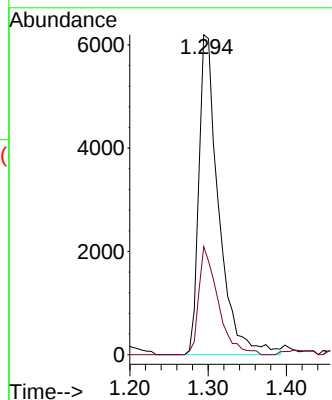
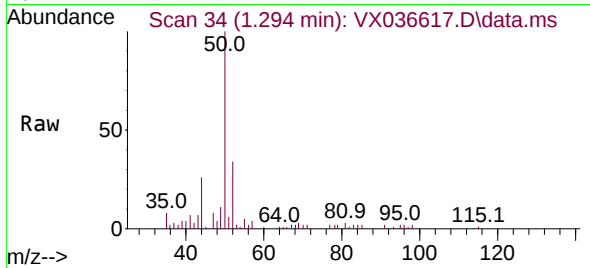




#3
Chloromethane
Concen: 5.082 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX036617.D
Acq: 21 Jul 2023 18:28

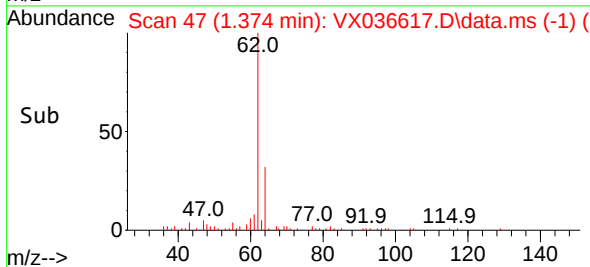
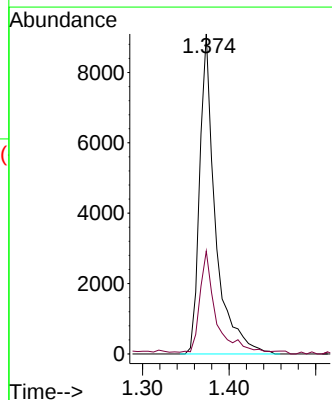
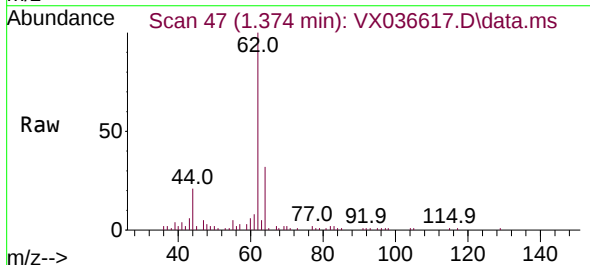
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT3-2023

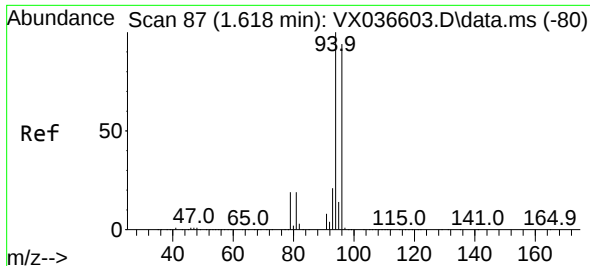
Tgt Ion: 50 Resp: 10921
Ion Ratio Lower Upper
50 100
52 33.7 25.5 38.3



#4
Vinyl Chloride
Concen: 5.243 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX036617.D
Acq: 21 Jul 2023 18:28

Tgt Ion: 62 Resp: 11470
Ion Ratio Lower Upper
62 100
64 31.6 25.4 38.0

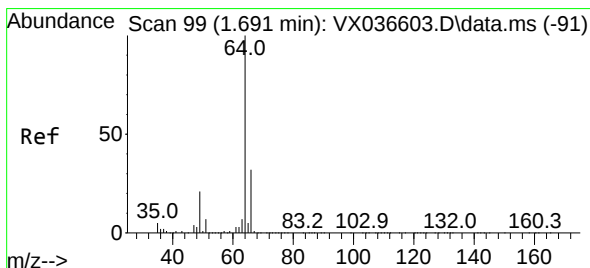
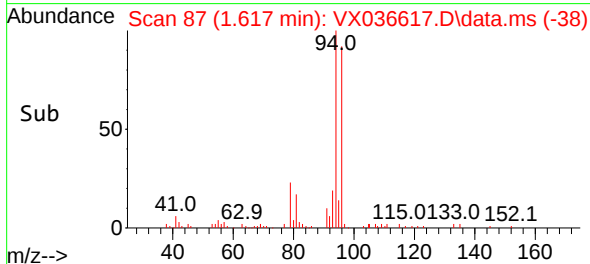
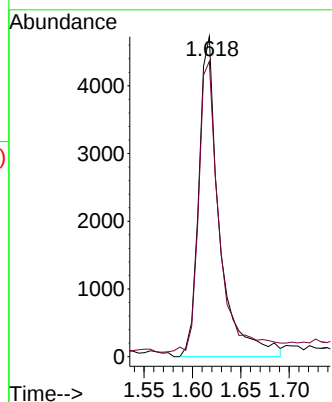
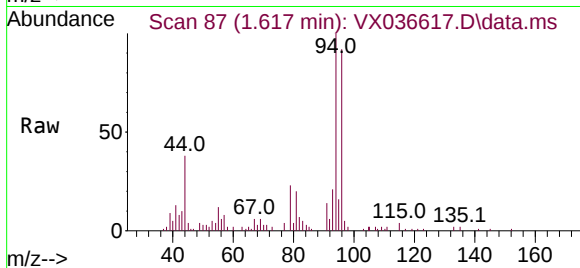




#5
Bromomethane
Concen: 5.364 ug/l
RT: 1.617 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX036617.D
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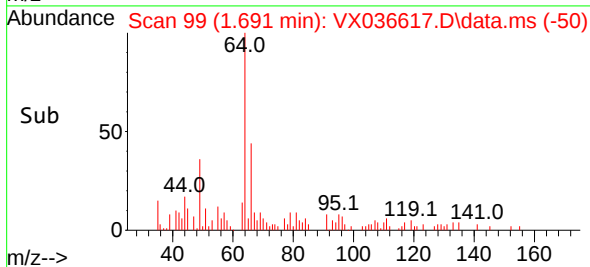
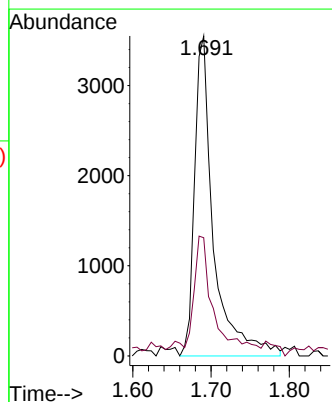
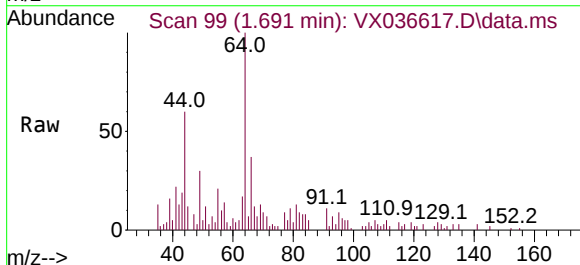
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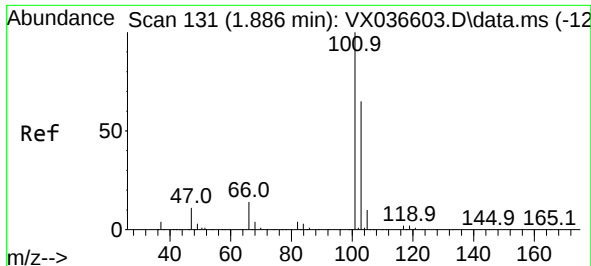
Tgt Ion: 94 Resp: 7006
Ion Ratio Lower Upper
94 100
96 89.2 74.6 111.8



#6
Chloroethane
Concen: 5.597 ug/l
RT: 1.691 min Scan# 99
Delta R.T. -0.000 min
Lab File: VX036617.D
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Tgt Ion: 64 Resp: 5954
Ion Ratio Lower Upper
64 100
66 34.0 25.1 37.7

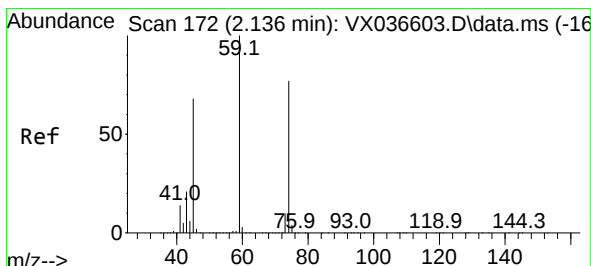
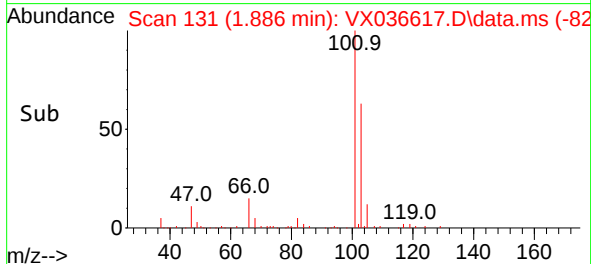
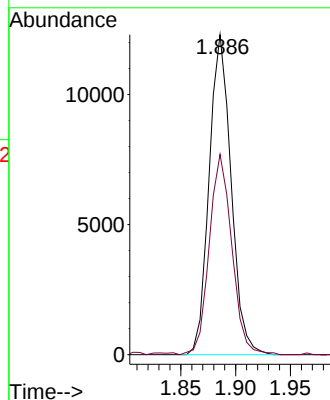
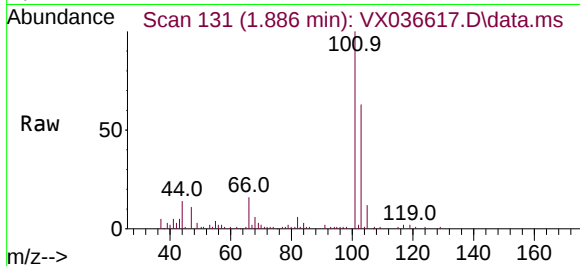




#7
 Trichlorofluoromethane
 Concen: 5.072 ug/l
 RT: 1.886 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX036617.D
 Acq: 21 Jul 2023 18:28

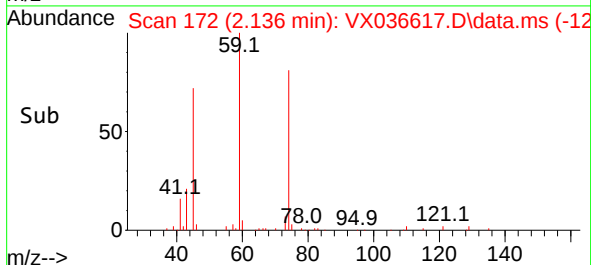
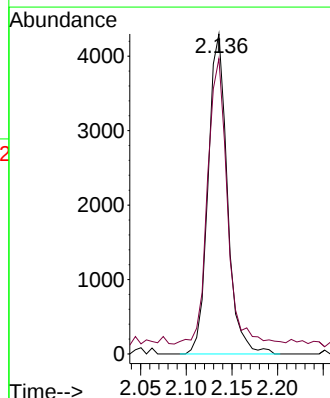
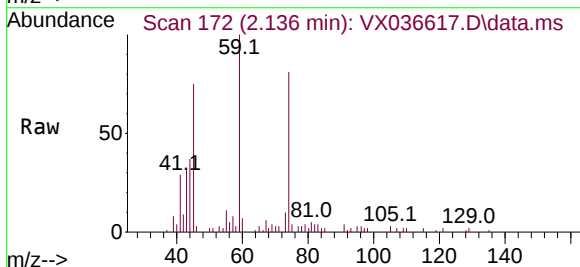
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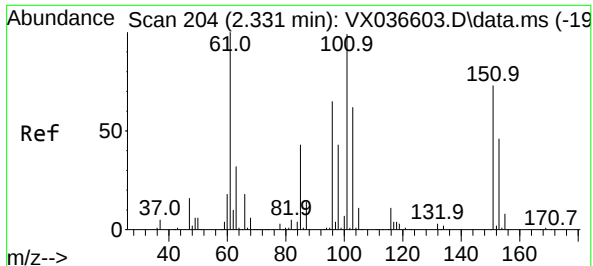
Tgt Ion:101 Resp: 17136
 Ion Ratio Lower Upper
 101 100
 103 62.6 51.4 77.2



#8
 Diethyl Ether
 Concen: 4.788 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. -0.000 min
 Lab File: VX036617.D
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Tgt Ion: 74 Resp: 6258
 Ion Ratio Lower Upper
 74 100
 45 91.7 53.3 159.8

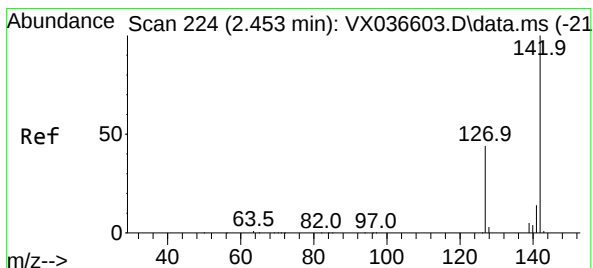
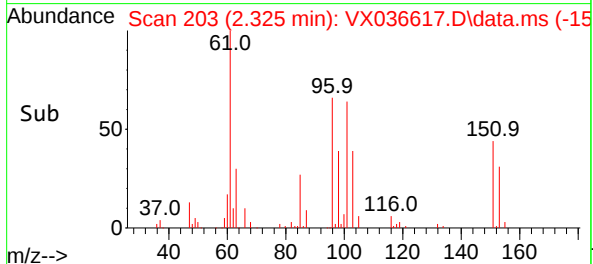
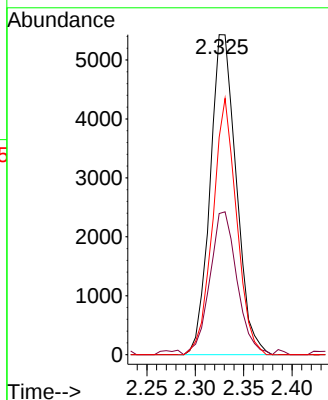
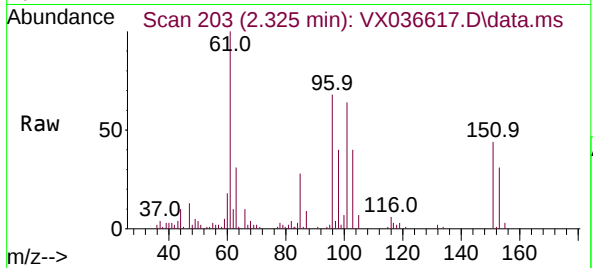




#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.039 ug/l
RT: 2.325 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX036617.D
Acq: 21 Jul 2023 18:28

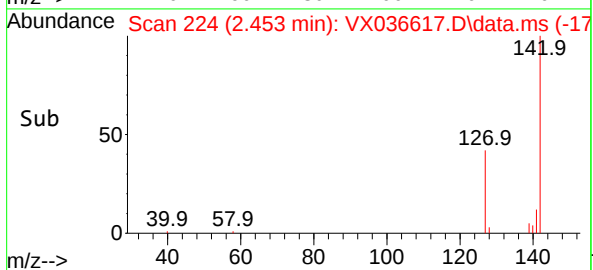
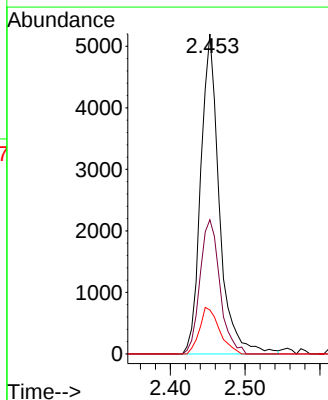
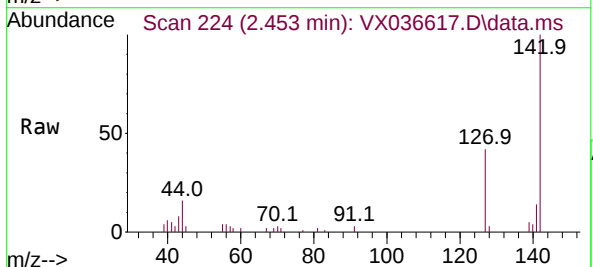
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT3-2023

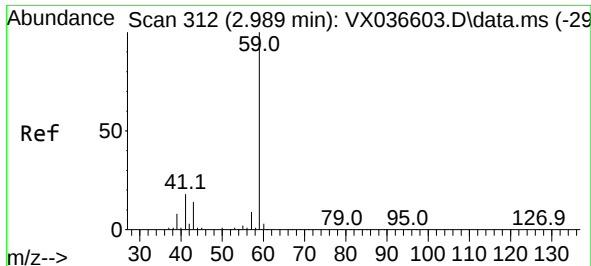
Tgt Ion:101 Resp: 10229
Ion Ratio Lower Upper
101 100
85 46.1 37.0 55.6
151 72.9 58.6 87.8



#10
Methyl Iodide
Concen: 4.265 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX036617.D
Acq: 21 Jul 2023 18:28

Tgt Ion:142 Resp: 8993
Ion Ratio Lower Upper
142 100
127 44.8 41.6 62.4
141 15.5 11.6 17.4





#11

Tert butyl alcohol

Concen: 27.665 ug/l

RT: 2.995 min Scan# 312

Delta R.T. 0.006 min

Lab File: VX036617.D

Acq: 21 Jul 2023 18:28

Instrument :

MSVOA_X

ClientSampleId :

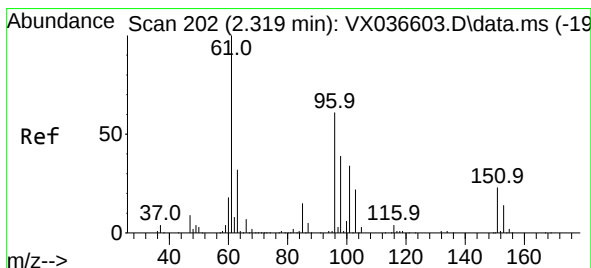
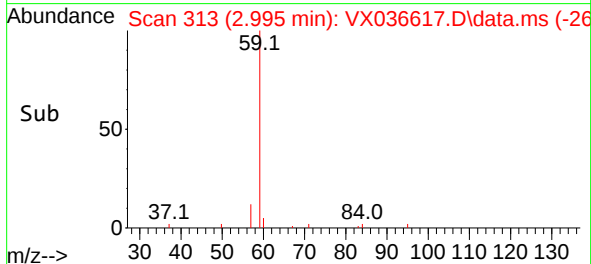
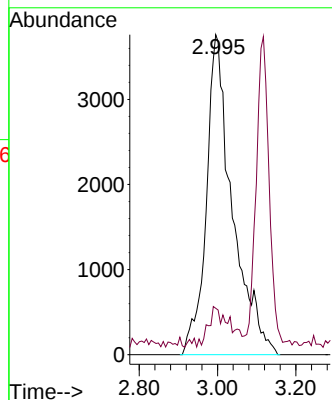
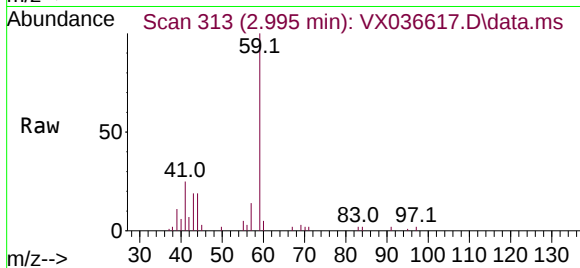
LOQ-WATER-02-QT3-2023

Tgt Ion: 59 Resp: 17332

Ion Ratio Lower Upper

59 100

57 9.0 6.0 9.0#



#12

1,1-Dichloroethene

Concen: 5.186 ug/l

RT: 2.319 min Scan# 202

Delta R.T. -0.000 min

Lab File: VX036617.D

Acq: 21 Jul 2023 18:28

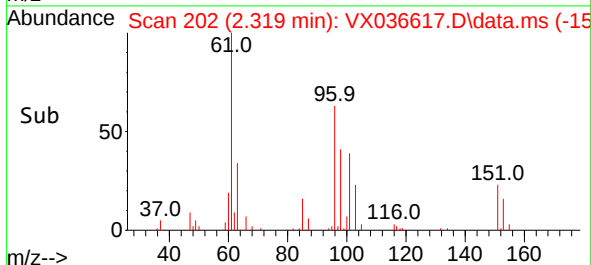
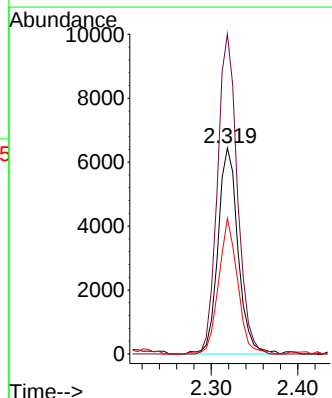
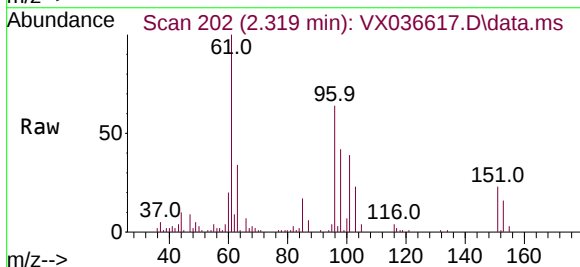
Tgt Ion: 96 Resp: 10385

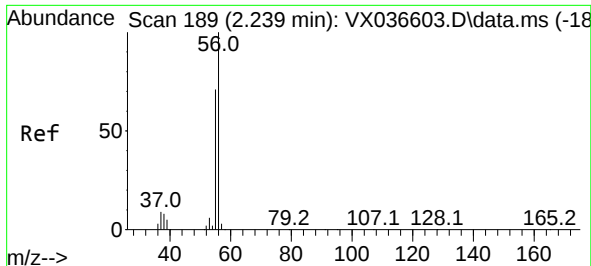
Ion Ratio Lower Upper

96 100

61 155.2 144.6 216.8

98 65.8 50.4 75.6





#13

Acrolein

Concen: 28.156 ug/l

RT: 2.239 min Scan# 189

Delta R.T. -0.000 min

Lab File: VX036617.D

Acq: 21 Jul 2023 18:28

Instrument :

MSVOA_X

ClientSampleId :

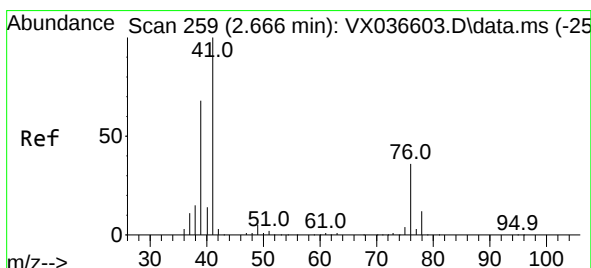
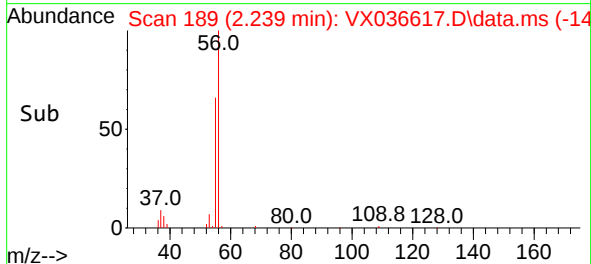
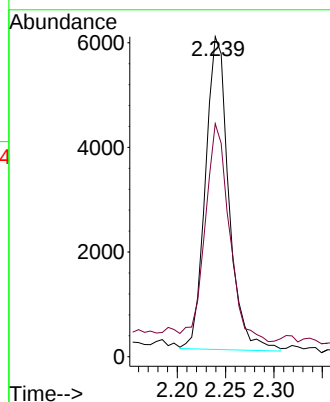
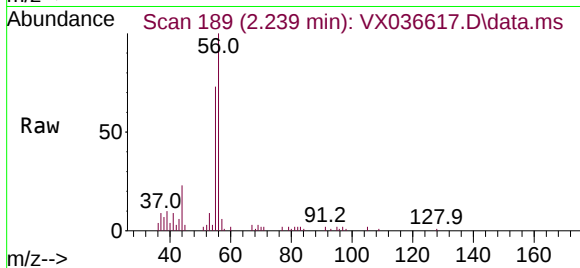
LOQ-WATER-02-QT3-2023

Tgt Ion: 56 Resp: 10067

Ion Ratio Lower Upper

56 100

55 72.1 57.1 85.7



#14

Allyl chloride

Concen: 4.785 ug/l

RT: 2.666 min Scan# 259

Delta R.T. -0.000 min

Lab File: VX036617.D

Acq: 21 Jul 2023 18:28

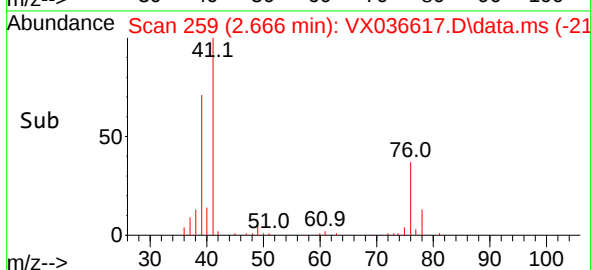
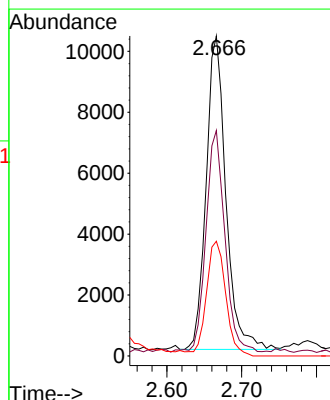
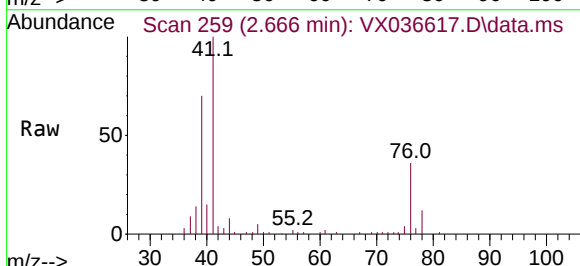
Tgt Ion: 41 Resp: 18870

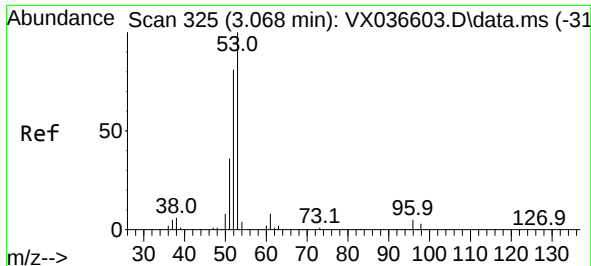
Ion Ratio Lower Upper

41 100

39 68.1 55.8 83.6

76 36.0 24.3 36.5

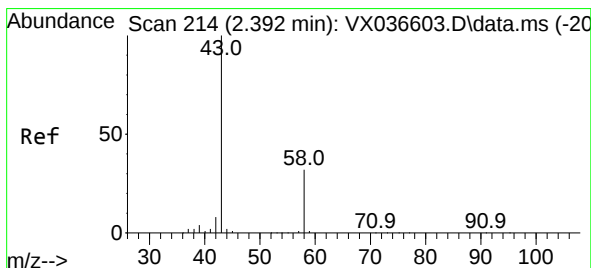
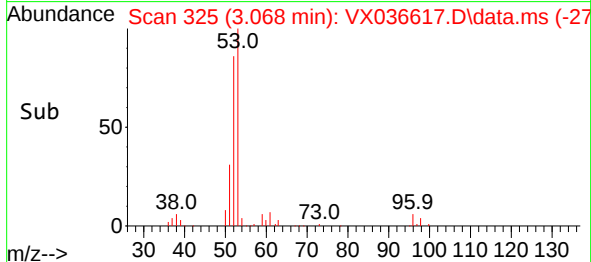
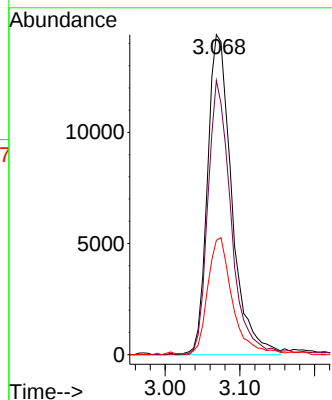
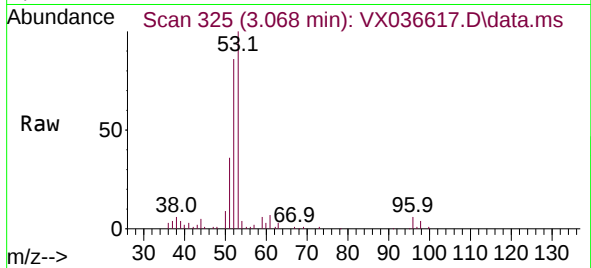




#15
Acrylonitrile
Concen: 25.762 ug/l
RT: 3.068 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX036617.D
Acq: 21 Jul 2023 18:28

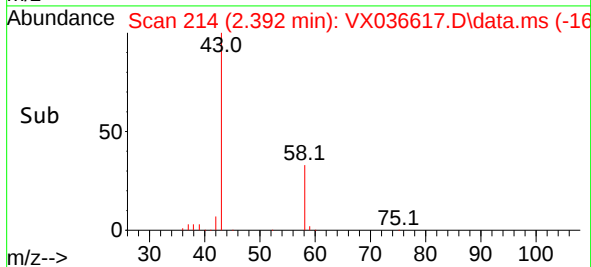
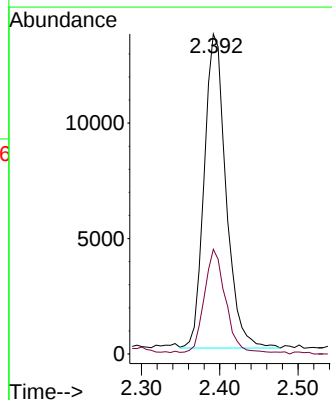
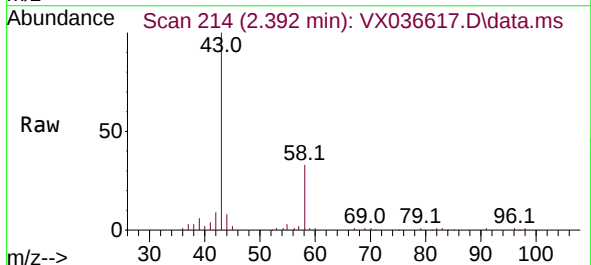
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT3-2023

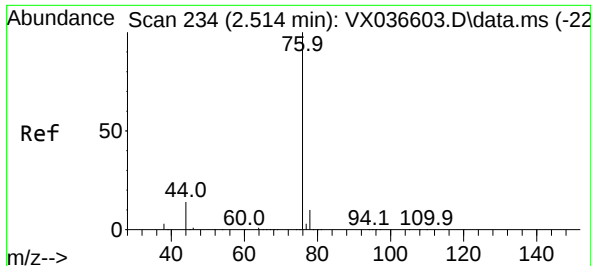
Tgt Ion: 53	Resp:	32458
Ion	Ratio	Lower Upper
53	100	
52	81.8	66.0 99.0
51	37.2	29.8 44.6



#16
Acetone
Concen: 23.987 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX036617.D
Acq: 21 Jul 2023 18:28

Tgt Ion: 43	Resp:	26341
Ion	Ratio	Lower Upper
43	100	
58	32.8	21.9 32.9

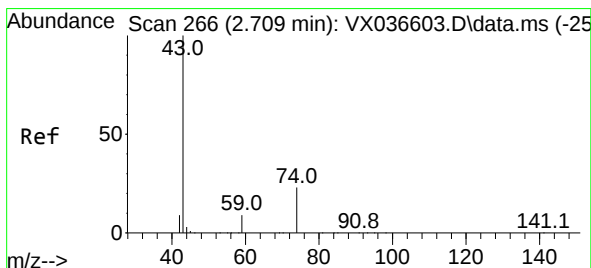
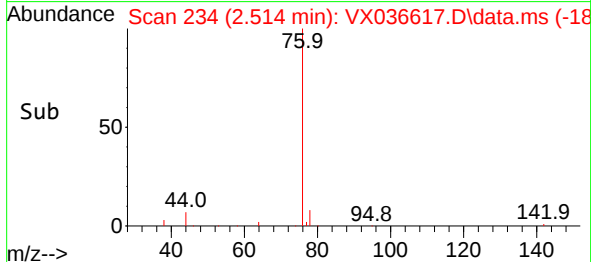
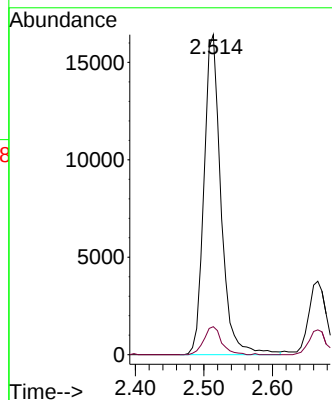
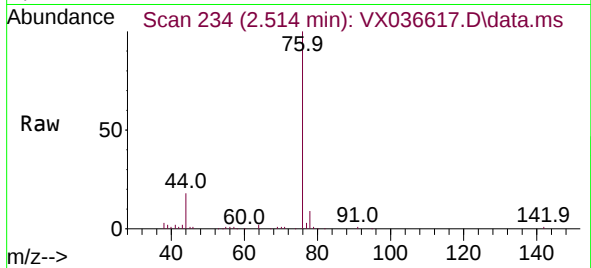




#17
Carbon Disulfide
Concen: 5.143 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX036617.D
Acq: 21 Jul 2023 18:28

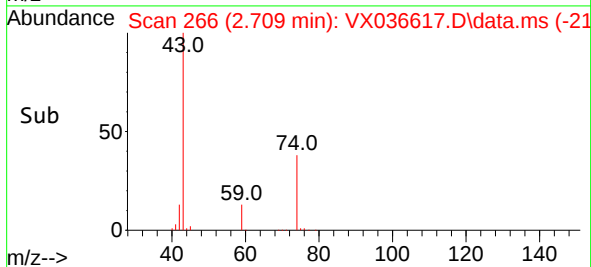
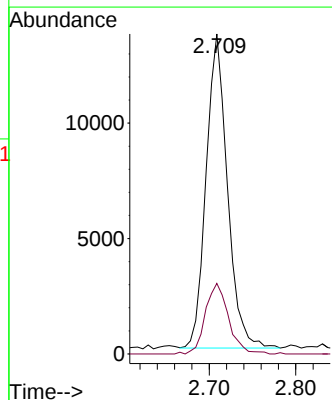
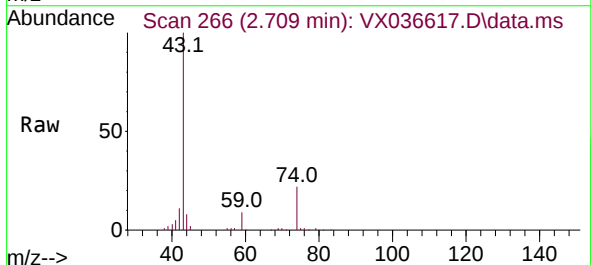
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT3-2023

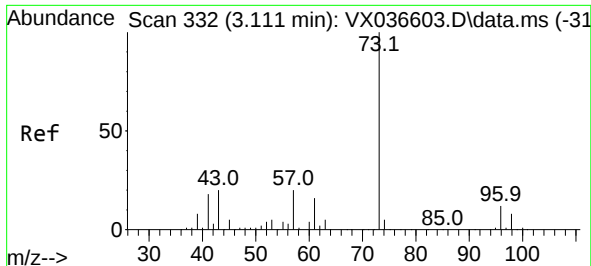
Tgt Ion: 76 Resp: 28428
Ion Ratio Lower Upper
76 100
78 8.8 7.0 10.6



#18
Methyl Acetate
Concen: 5.031 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX036617.D
Acq: 21 Jul 2023 18:28

Tgt Ion: 43 Resp: 23242
Ion Ratio Lower Upper
43 100
74 24.4 17.8 26.8

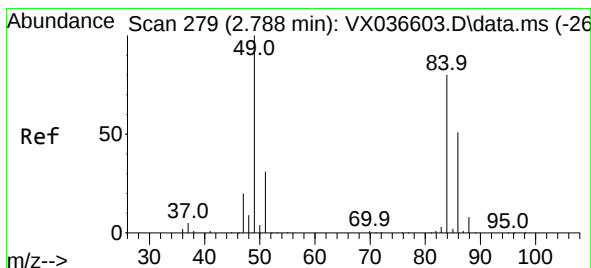
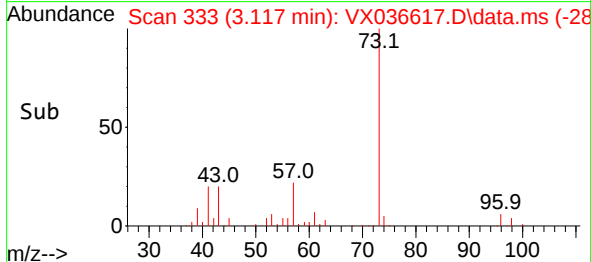
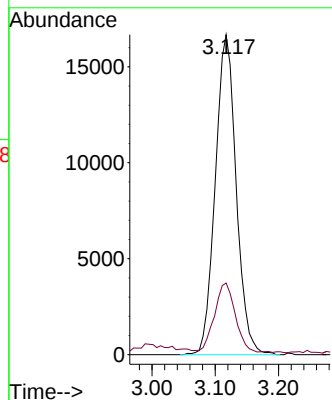
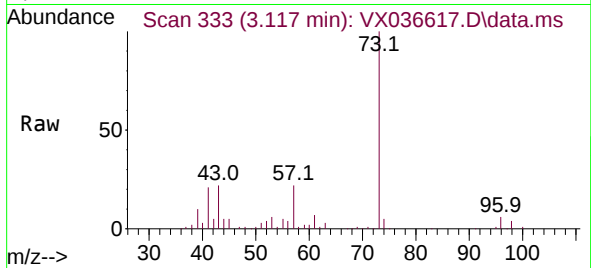




#19
Methyl tert-butyl Ether
Concen: 5.073 ug/l
RT: 3.117 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX036617.D
Acq: 21 Jul 2023 18:28

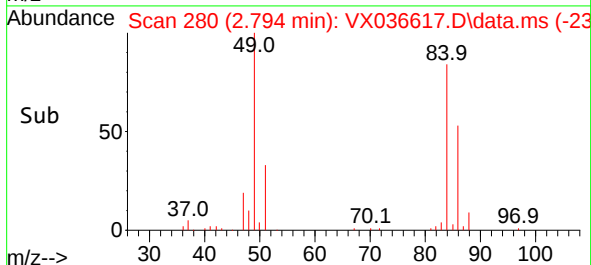
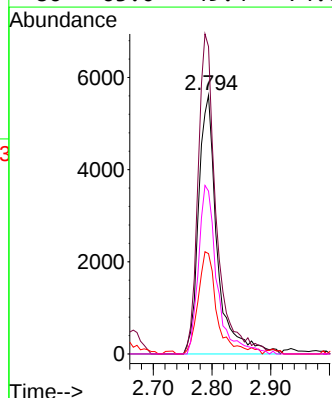
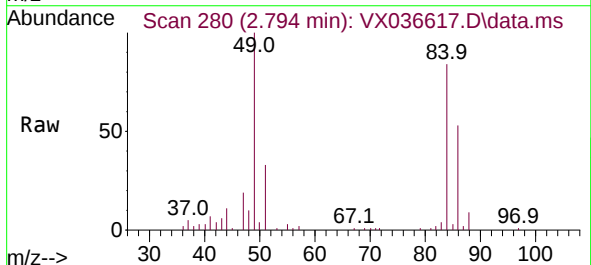
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT3-2023

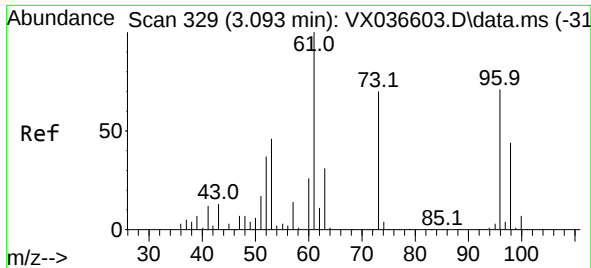
Tgt Ion: 73 Resp: 38175
Ion Ratio Lower Upper
73 100
57 21.5 17.3 25.9



#20
Methylene Chloride
Concen: 5.075 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX036617.D
Acq: 21 Jul 2023 18:28

Tgt Ion: 84 Resp: 12395
Ion Ratio Lower Upper
84 100
49 118.9 103.6 155.4
51 38.8 33.8 50.6
86 63.0 49.4 74.0

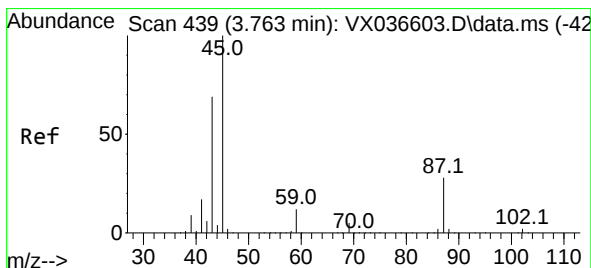
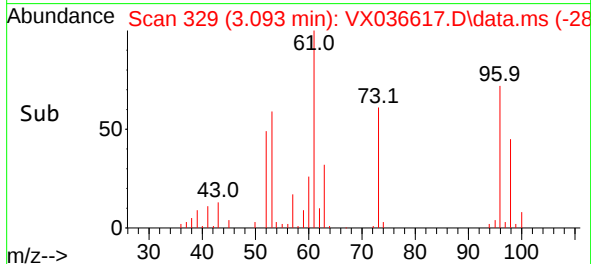
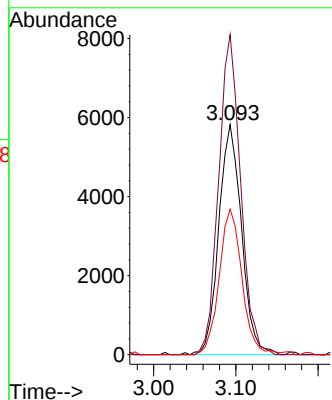
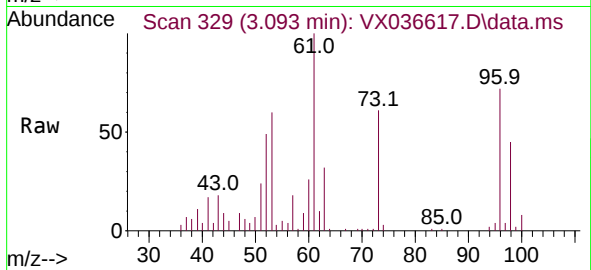




#21
trans-1,2-Dichloroethene
Concen: 5.016 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX036617.D
Acq: 21 Jul 2023 18:28

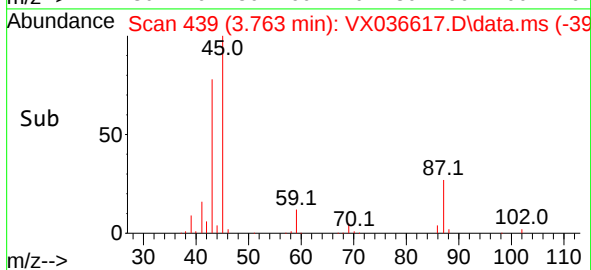
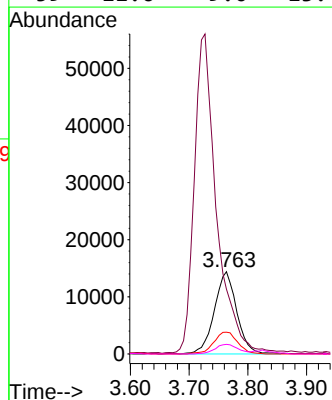
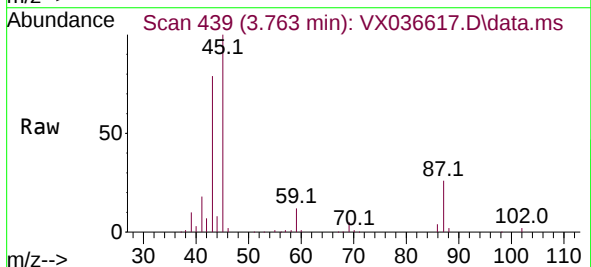
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT3-2023

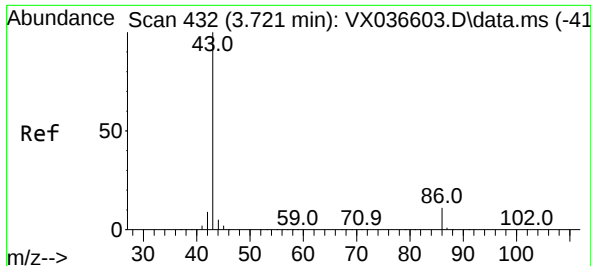
Tgt Ion: 96 Resp: 11227
Ion Ratio Lower Upper
96 100
61 139.1 119.2 178.8
98 63.2 48.7 73.1



#22
Diisopropyl ether
Concen: 5.101 ug/l
RT: 3.763 min Scan# 439
Delta R.T. -0.000 min
Lab File: VX036617.D
Acq: 21 Jul 2023 18:28

Tgt Ion: 45 Resp: 38192
Ion Ratio Lower Upper
45 100
43 75.4 69.7 104.5
87 26.5 20.8 31.2
59 11.6 9.0 13.4

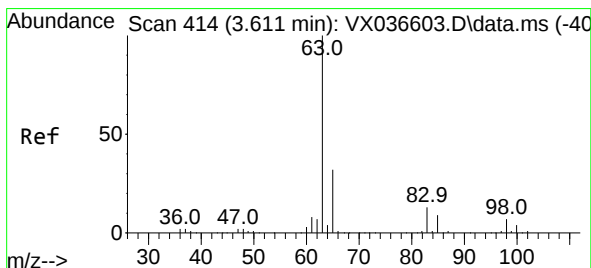
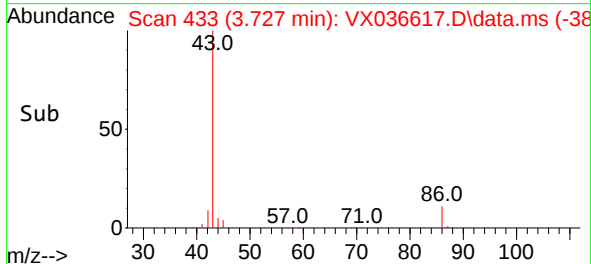
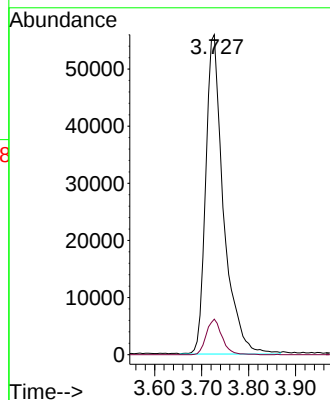
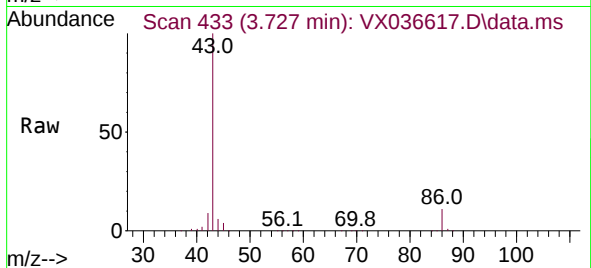




#23
 Vinyl Acetate
 Concen: 25.604 ug/l
 RT: 3.727 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: VX036617.D
 Acq: 21 Jul 2023 18:28

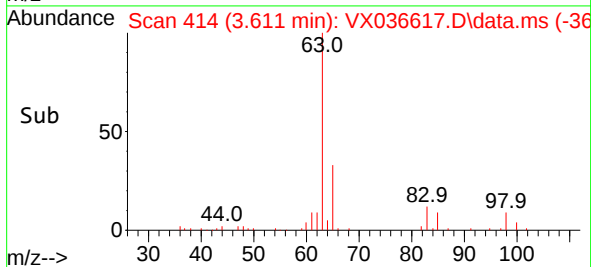
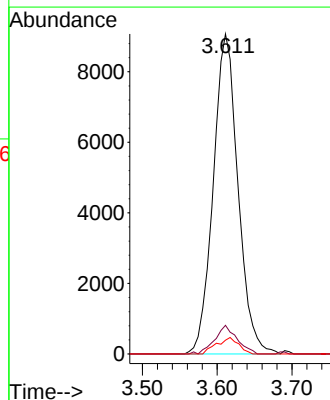
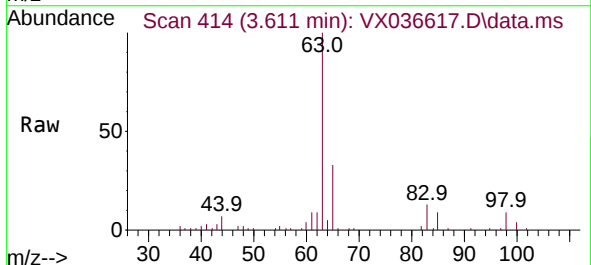
Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT3-2023

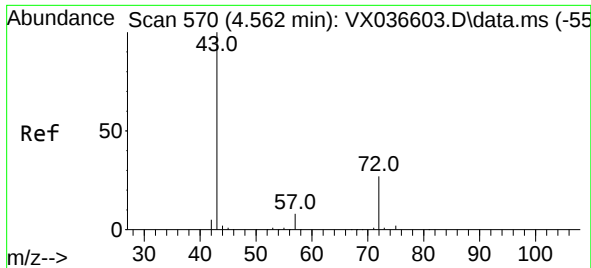
Tgt Ion: 43 Resp: 147058
 Ion Ratio Lower Upper
 43 100
 86 11.1 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 4.974 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. -0.000 min
 Lab File: VX036617.D
 Acq: 21 Jul 2023 18:28

Tgt Ion: 63 Resp: 20883
 Ion Ratio Lower Upper
 63 100
 98 9.0 3.3 9.8
 100 4.3 2.1 6.5

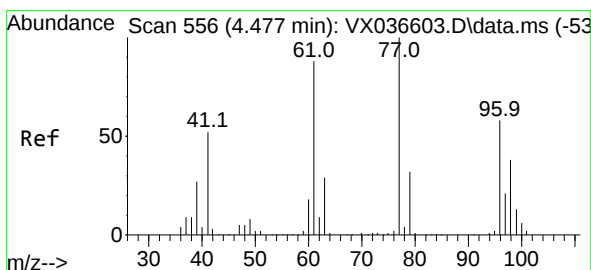
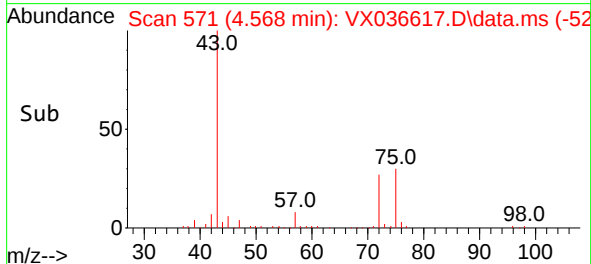
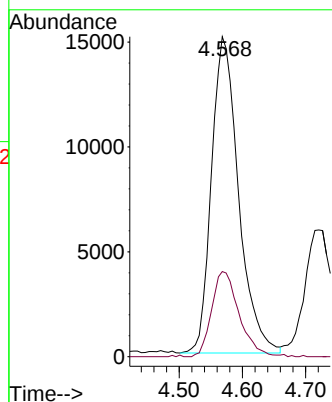
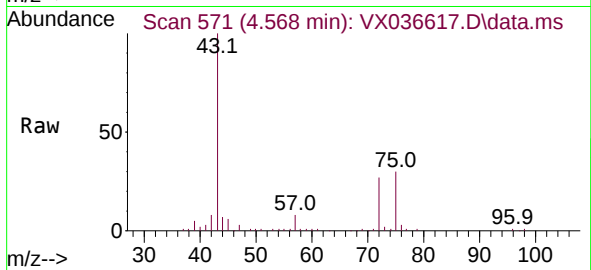




#25
2-Butanone
Concen: 25.148 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.006 min
Lab File: VX036617.D
Acq: 21 Jul 2023 18:28

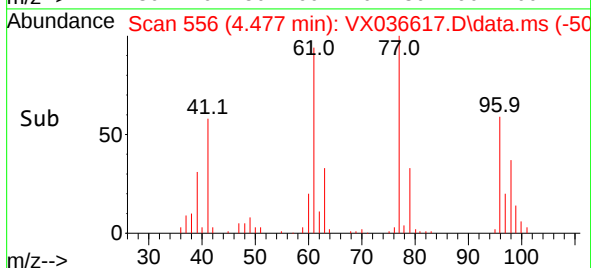
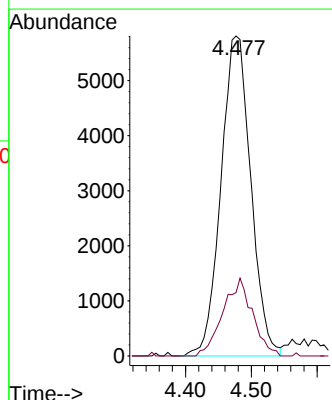
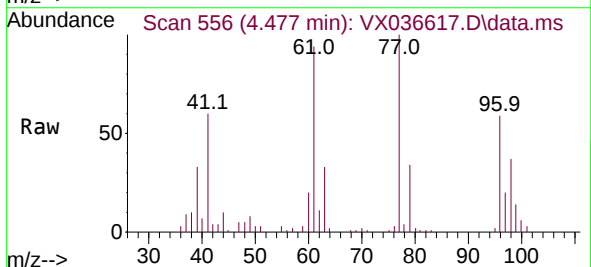
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT3-2023

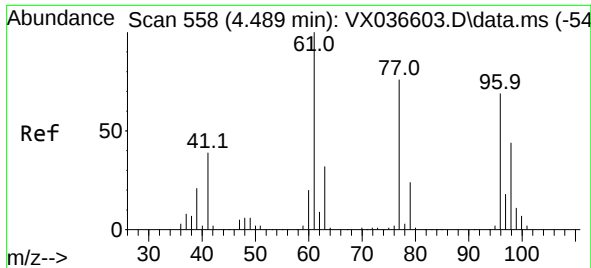
Tgt Ion: 43 Resp: 44804
Ion Ratio Lower Upper
43 100
72 26.4 19.4 29.2



#26
2,2-Dichloropropane
Concen: 4.639 ug/l
RT: 4.477 min Scan# 556
Delta R.T. -0.000 min
Lab File: VX036617.D
Acq: 21 Jul 2023 18:28

Tgt Ion: 77 Resp: 18349
Ion Ratio Lower Upper
77 100
97 24.0 10.8 32.3

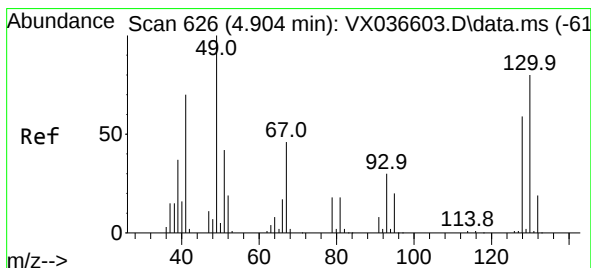
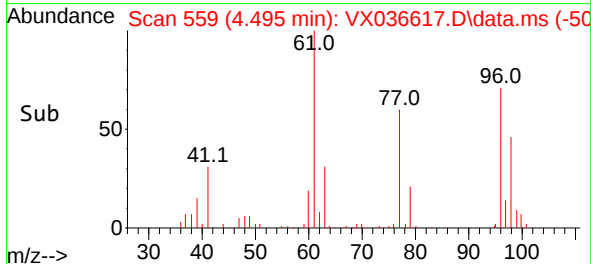
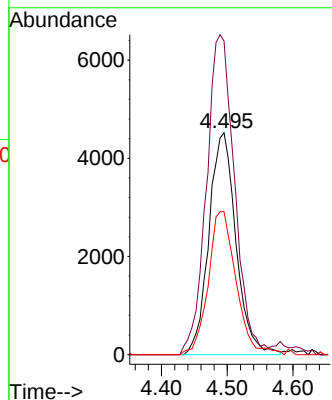
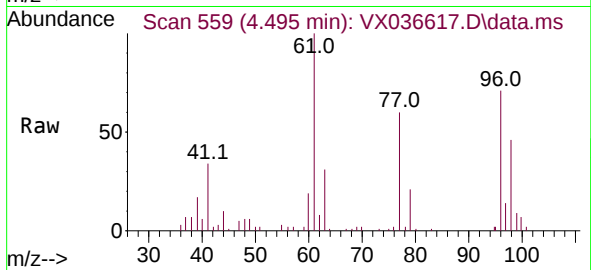




#27
 cis-1,2-Dichloroethene
 Concen: 4.870 ug/l
 RT: 4.495 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VX036617.D
 Acq: 21 Jul 2023 18:28

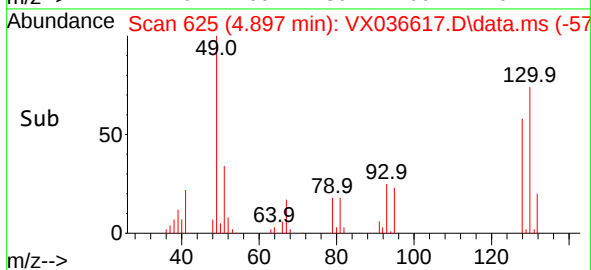
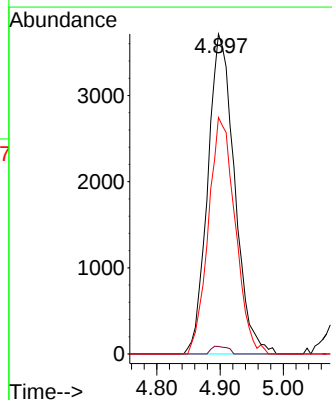
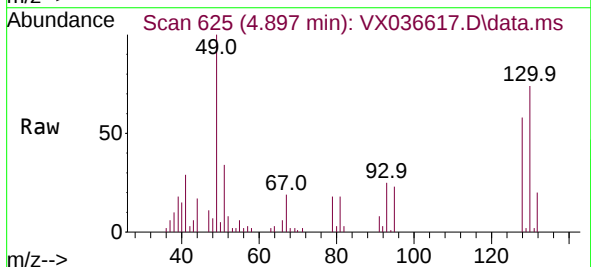
Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT3-2023

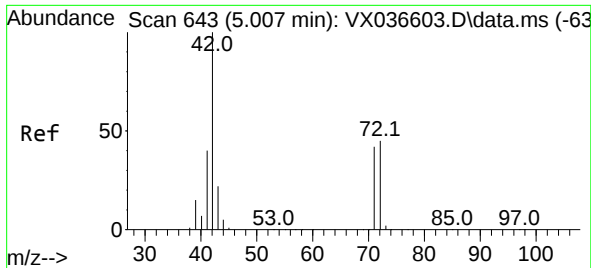
Tgt Ion: 96 Resp: 12946
 Ion Ratio Lower Upper
 96 100
 61 149.9 0.0 312.2
 98 66.3 0.0 129.0



#28
 Bromochloromethane
 Concen: 5.402 ug/l
 RT: 4.897 min Scan# 625
 Delta R.T. -0.006 min
 Lab File: VX036617.D
 Acq: 21 Jul 2023 18:28

Tgt Ion: 49 Resp: 10967
 Ion Ratio Lower Upper
 49 100
 129 1.5 0.0 3.8
 130 73.6 57.5 86.3

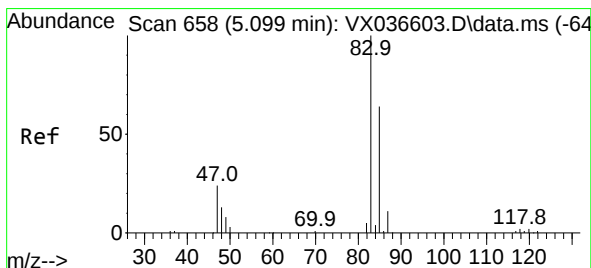
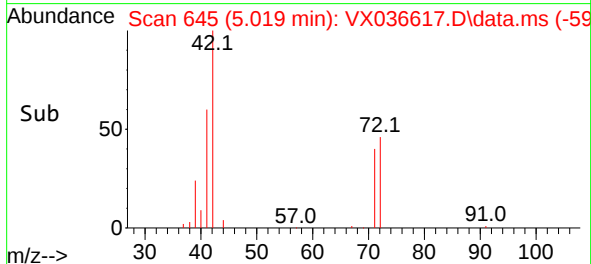
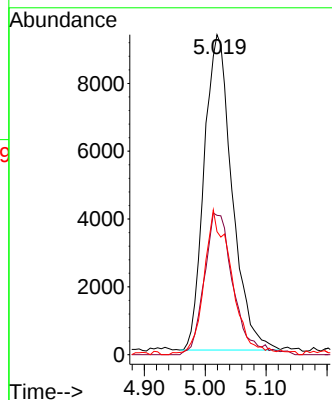
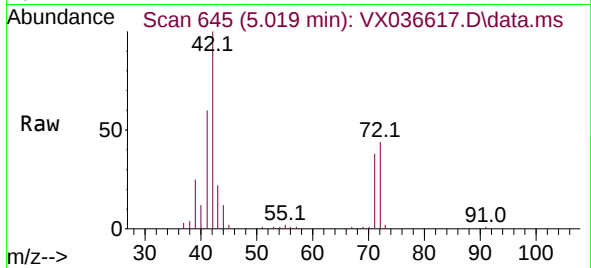




#29
Tetrahydrofuran
Concen: 25.848 ug/l
RT: 5.019 min Scan# 643
Delta R.T. 0.012 min
Lab File: VX036617.D
Acq: 21 Jul 2023 18:28

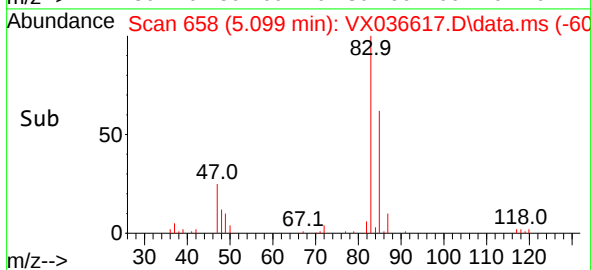
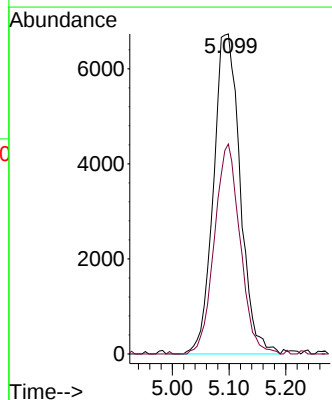
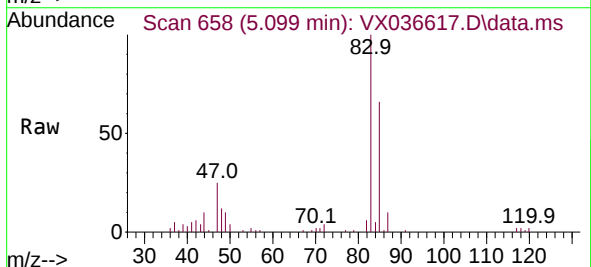
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT3-2023

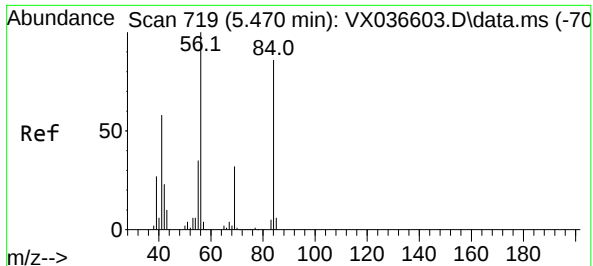
Tgt Ion:	42	Resp:	29690
Ion	Ratio	Lower	Upper
42	100		
72	46.6	34.2	51.4
71	45.1	32.2	48.2



#30
Chloroform
Concen: 5.126 ug/l
RT: 5.099 min Scan# 658
Delta R.T. -0.000 min
Lab File: VX036617.D
Acq: 21 Jul 2023 18:28

Tgt Ion:	83	Resp:	22017
Ion	Ratio	Lower	Upper
83	100		
85	65.6	50.3	75.5

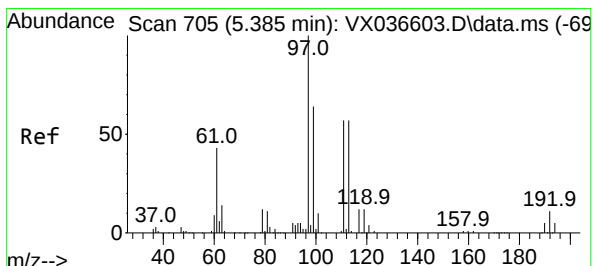
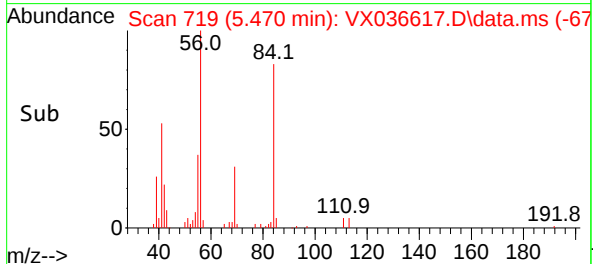
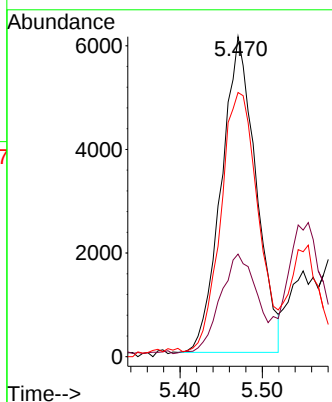
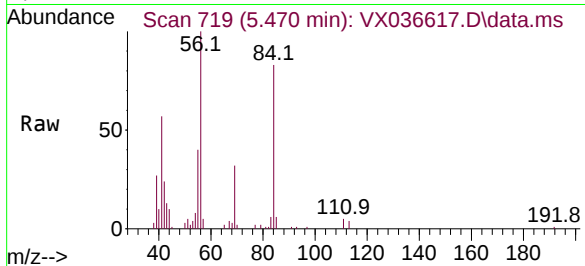




#31
Cyclohexane
Concen: 4.866 ug/l
RT: 5.470 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX036617.D
Acq: 21 Jul 2023 18:28

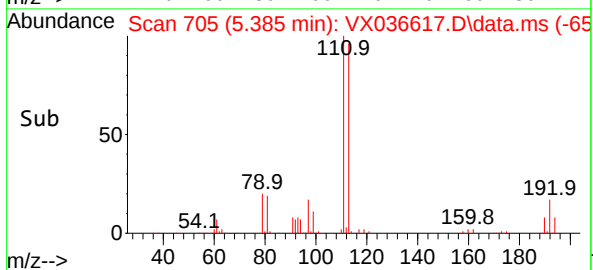
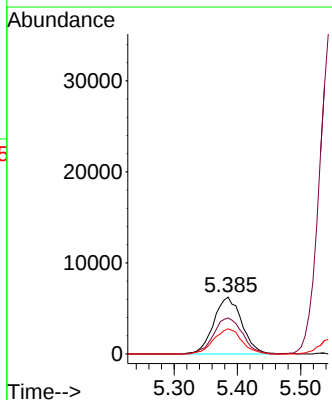
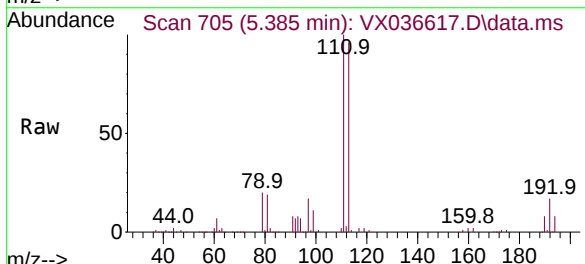
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT3-2023

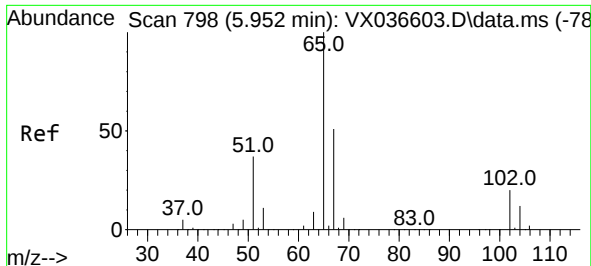
Tgt Ion:	56	Resp:	17828
Ion	Ratio	Lower	Upper
56	100		
69	31.2	23.4	35.2
84	81.1	65.9	98.9



#32
1,1,1-Trichloroethane
Concen: 4.886 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX036617.D
Acq: 21 Jul 2023 18:28

Tgt Ion:	97	Resp:	19230
Ion	Ratio	Lower	Upper
97	100		
99	65.0	51.1	76.7
61	44.1	36.4	54.6

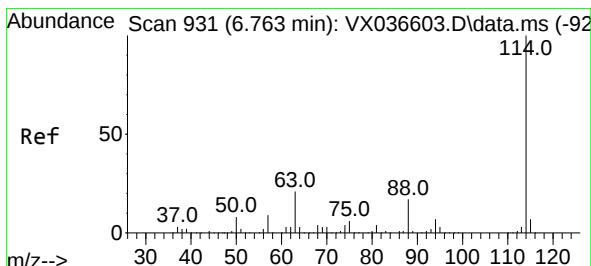
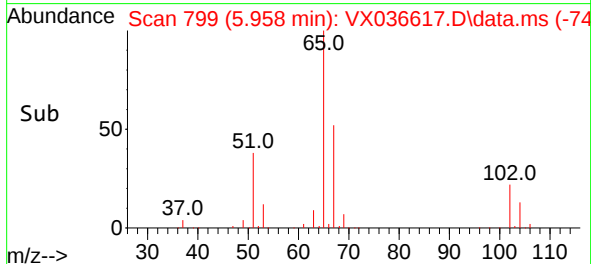
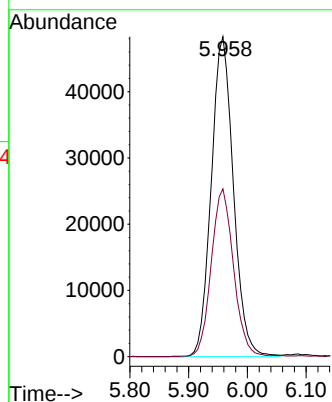
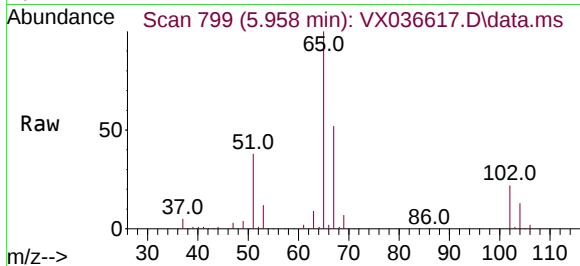




#33
1,2-Dichloroethane-d4
Concen: 47.763 ug/l
RT: 5.958 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX036617.D
Acq: 21 Jul 2023 18:28

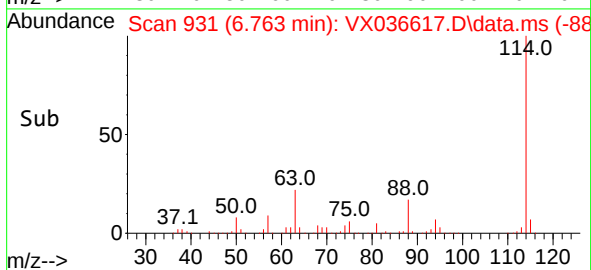
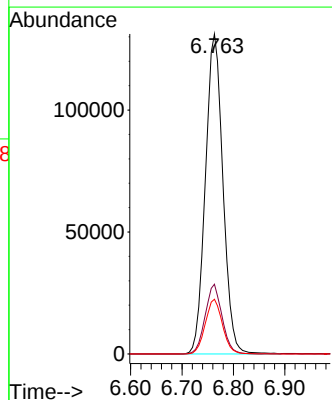
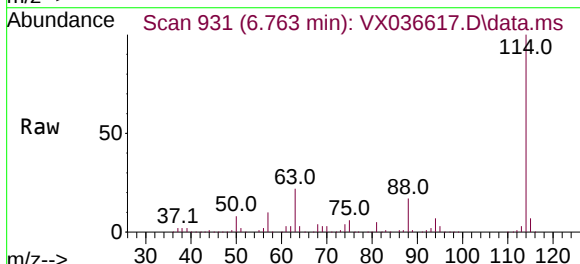
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT3-2023

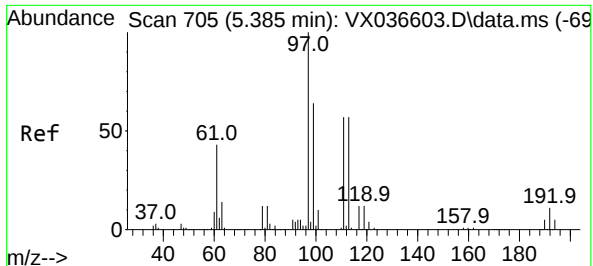
Tgt Ion: 65 Resp: 126395
Ion Ratio Lower Upper
65 100
67 53.2 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX036617.D
Acq: 21 Jul 2023 18:28

Tgt Ion: 114 Resp: 311047
Ion Ratio Lower Upper
114 100
63 21.8 0.0 45.0
88 17.1 0.0 36.6





#35

Dibromofluoromethane

Concen: 48.543 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX036617.D

Acq: 21 Jul 2023 18:28

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT3-2023

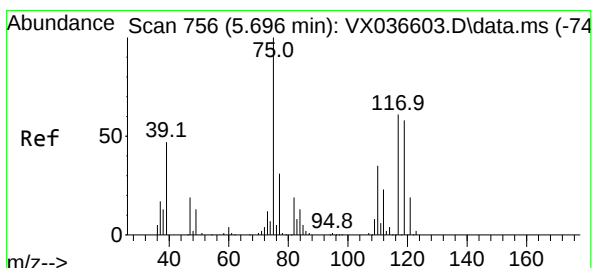
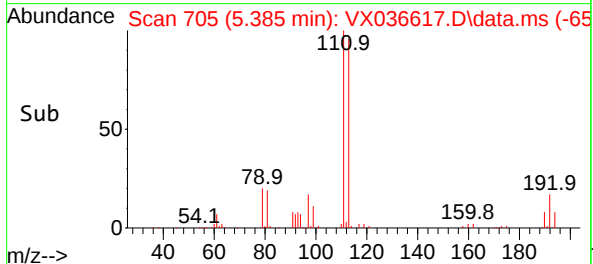
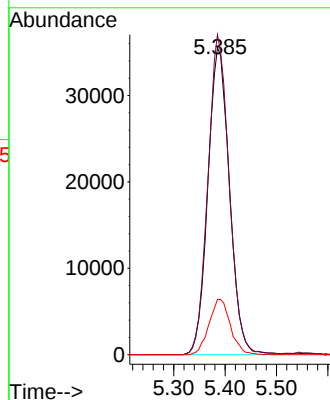
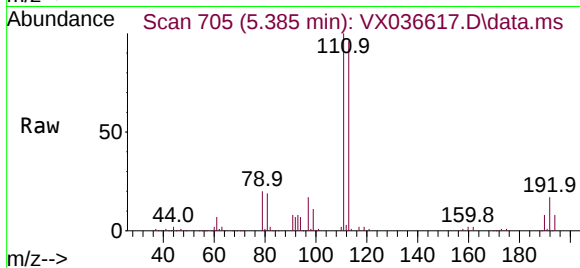
Tgt Ion:113 Resp: 103783

Ion Ratio Lower Upper

113 100

111 102.5 82.9 124.3

192 17.9 13.3 19.9



#36

1,1-Dichloropropene

Concen: 4.841 ug/l

RT: 5.696 min Scan# 756

Delta R.T. -0.000 min

Lab File: VX036617.D

Acq: 21 Jul 2023 18:28

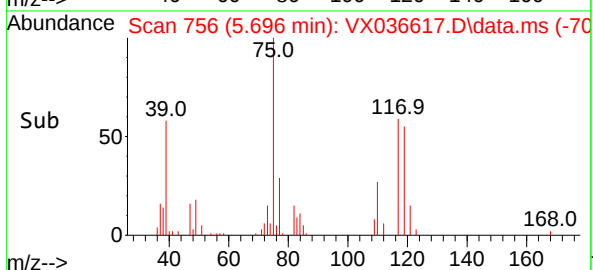
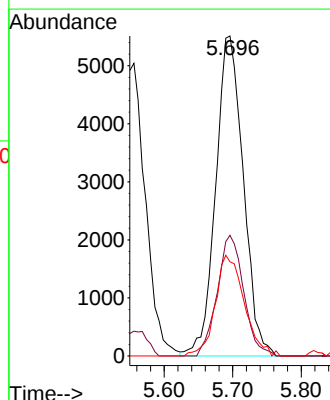
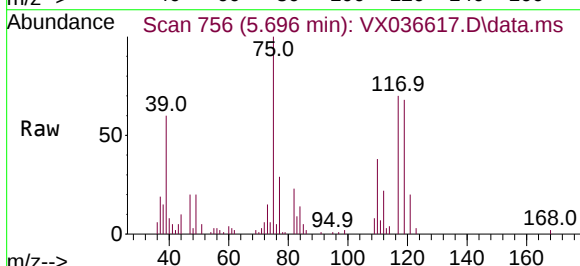
Tgt Ion: 75 Resp: 15428

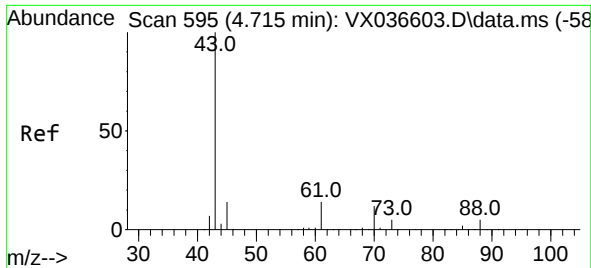
Ion Ratio Lower Upper

75 100

110 36.1 17.0 50.9

77 32.9 24.7 37.1





#37

Ethyl Acetate

Concen: 5.110 ug/l

RT: 4.721 min Scan# 595

Delta R.T. 0.006 min

Lab File: VX036617.D

Acq: 21 Jul 2023 18:28

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT3-2023

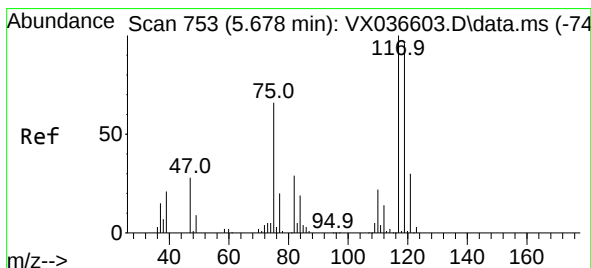
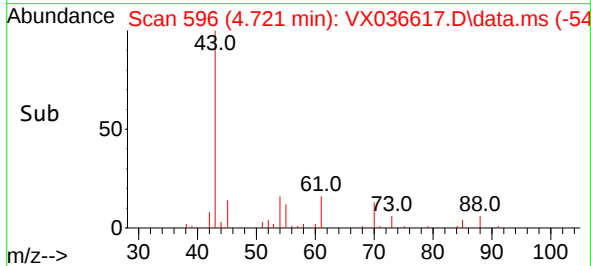
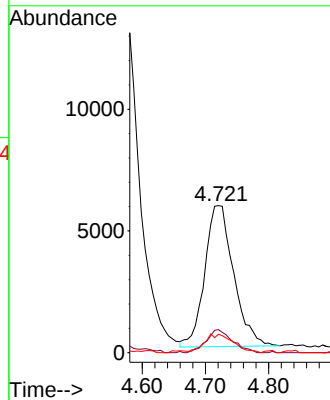
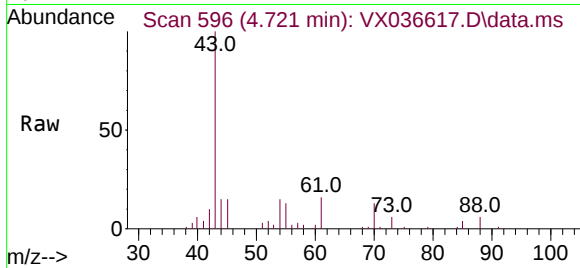
Tgt Ion: 43 Resp: 18430

Ion Ratio Lower Upper

43 100

61 14.7 10.6 16.0

70 13.0 8.3 12.5#



#38

Carbon Tetrachloride

Concen: 4.967 ug/l

RT: 5.684 min Scan# 754

Delta R.T. 0.006 min

Lab File: VX036617.D

Acq: 21 Jul 2023 18:28

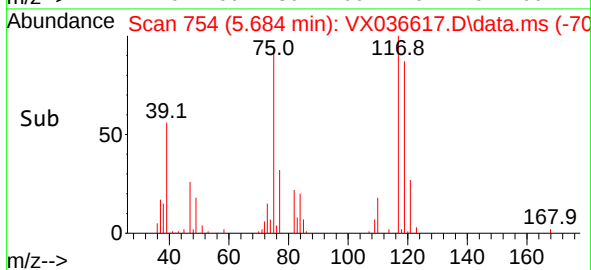
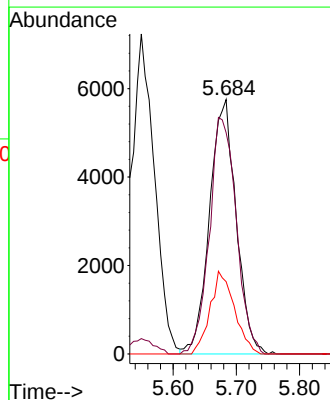
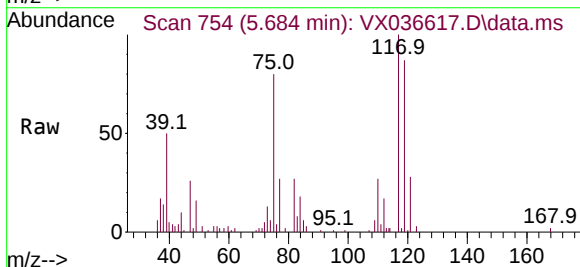
Tgt Ion: 117 Resp: 16827

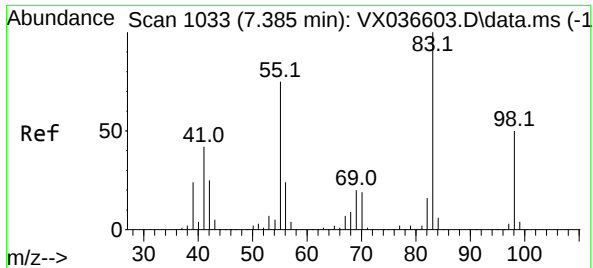
Ion Ratio Lower Upper

117 100

119 87.0 78.2 117.2

121 28.4 24.4 36.6

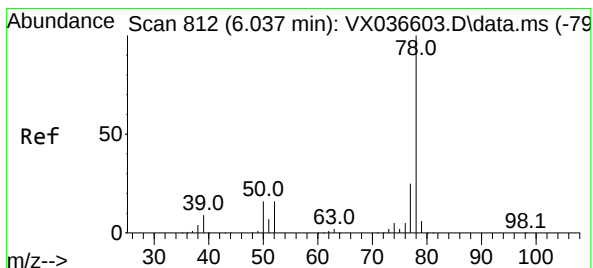
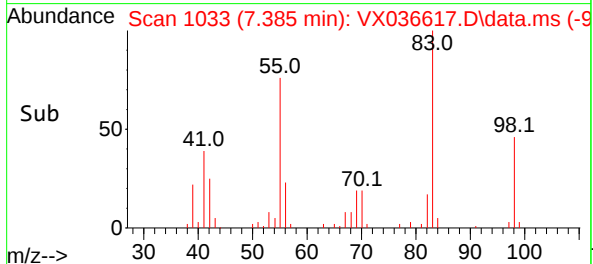
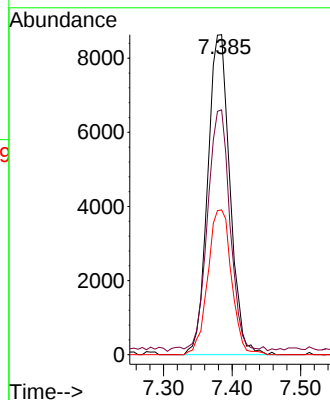
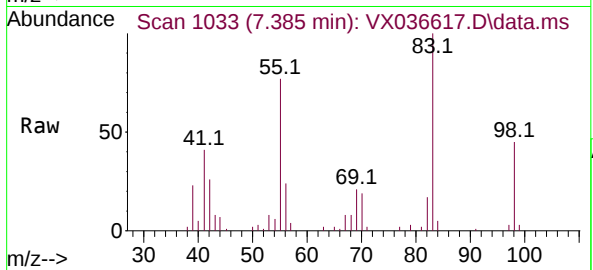




#39
Methylcyclohexane
Concen: 4.915 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VX036617.D
Acq: 21 Jul 2023 18:28

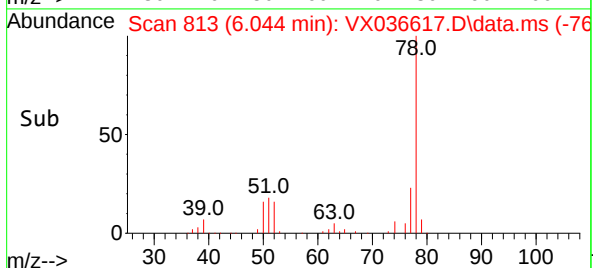
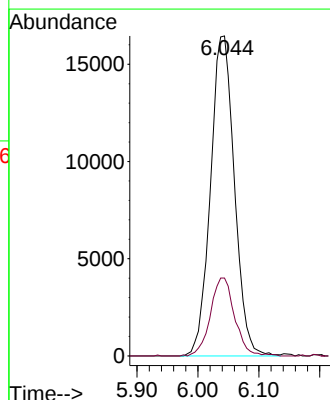
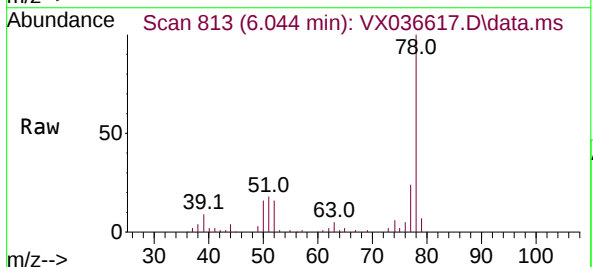
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT3-2023

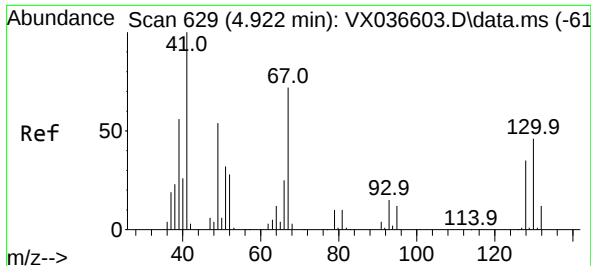
Tgt Ion: 83	Resp: 19474
Ion Ratio	Lower Upper
83 100	
55 74.6	64.6 97.0
98 45.3	36.7 55.1



#40
Benzene
Concen: 4.846 ug/l
RT: 6.044 min Scan# 813
Delta R.T. 0.006 min
Lab File: VX036617.D
Acq: 21 Jul 2023 18:28

Tgt Ion: 78	Resp: 44926
Ion Ratio	Lower Upper
78 100	
77 24.4	19.3 28.9

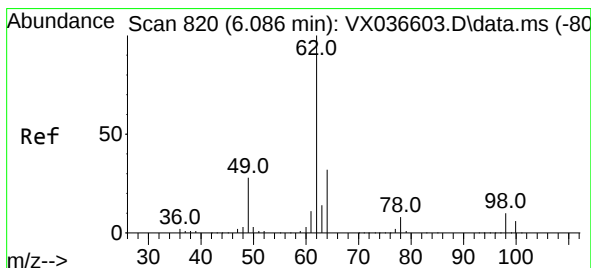
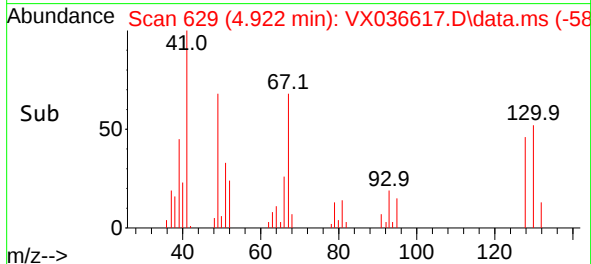
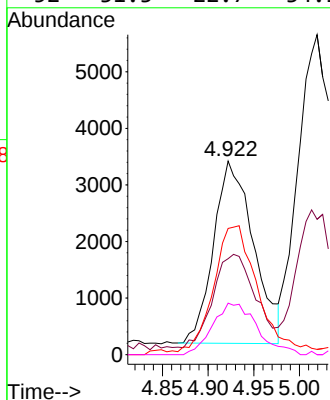
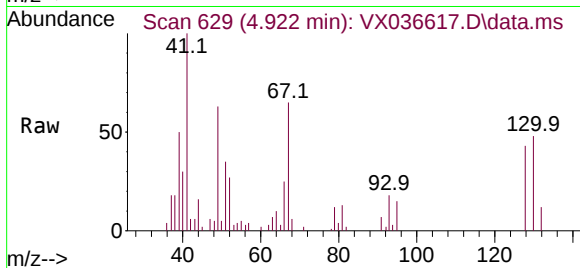




#41
Methacrylonitrile
Concen: 5.091 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX036617.D
Acq: 21 Jul 2023 18:28

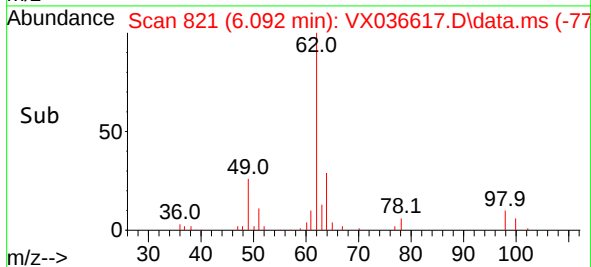
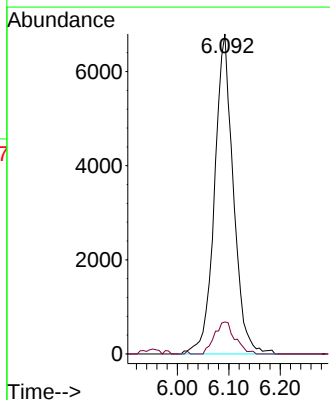
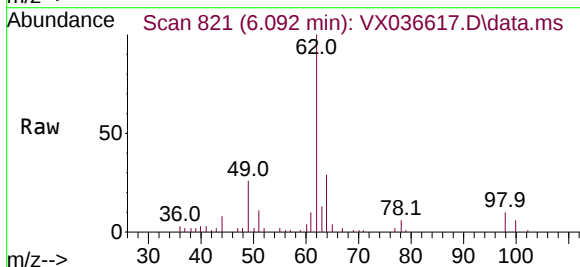
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT3-2023

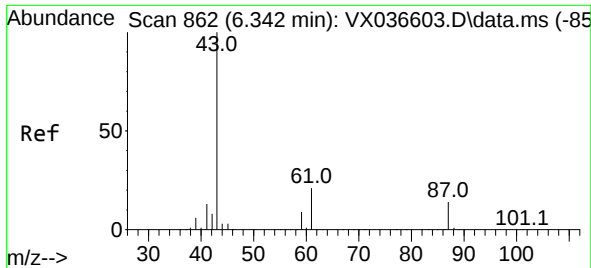
Tgt Ion:	41	Resp:	9820
Ion	Ratio	Lower	Upper
41	100		
39	54.1	45.2	67.8
67	76.2	52.6	78.8
52	31.3	22.7	34.1



#42
1,2-Dichloroethane
Concen: 5.097 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.006 min
Lab File: VX036617.D
Acq: 21 Jul 2023 18:28

Tgt Ion:	62	Resp:	17279
Ion	Ratio	Lower	Upper
62	100		
98	10.8	0.0	16.0





#43

Isopropyl Acetate

Concen: 5.073 ug/l

RT: 6.342 min Scan# 862

Delta R.T. -0.000 min

Lab File: VX036617.D

Acq: 21 Jul 2023 18:28

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT3-2023

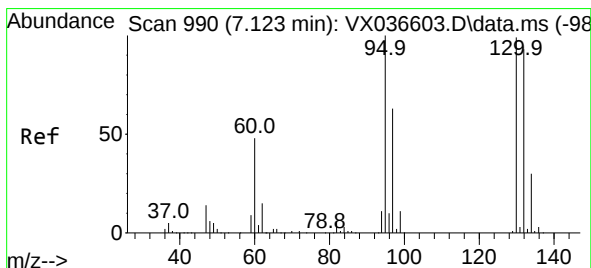
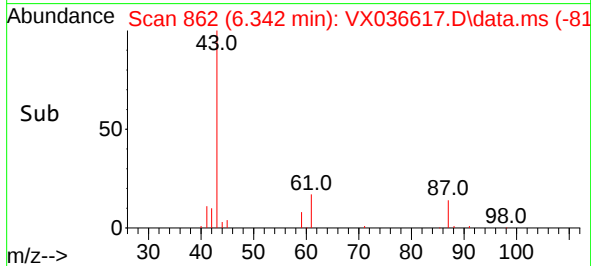
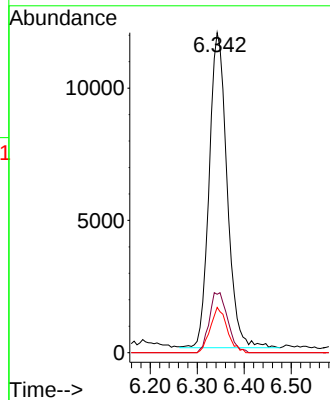
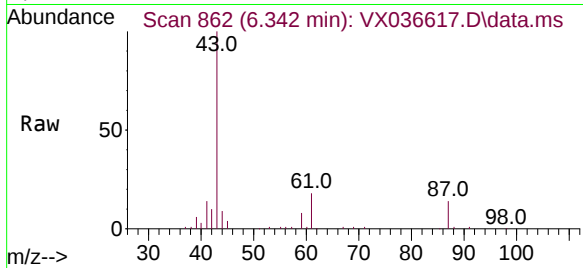
Tgt Ion: 43 Resp: 31497

Ion Ratio Lower Upper

43 100

61 19.6 15.2 22.8

87 13.5 9.8 14.6



#44

Trichloroethene

Concen: 4.955 ug/l

RT: 7.129 min Scan# 991

Delta R.T. 0.006 min

Lab File: VX036617.D

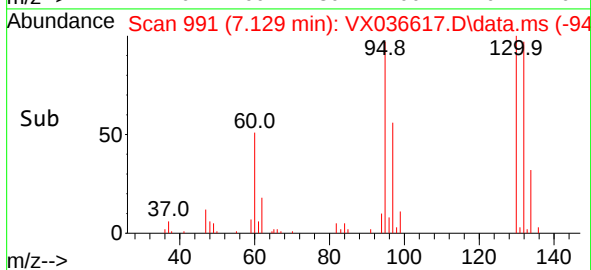
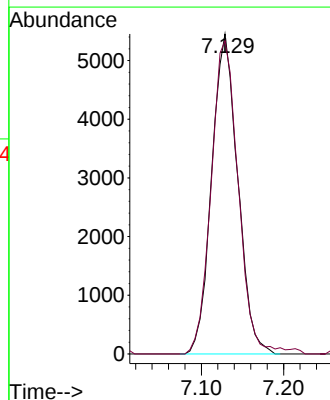
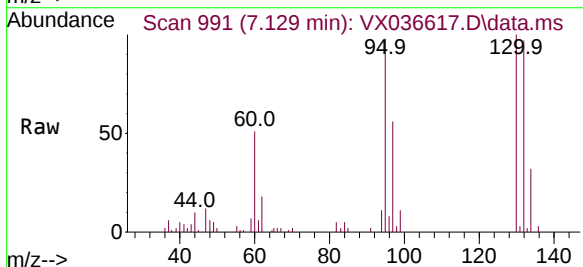
Acq: 21 Jul 2023 18:28

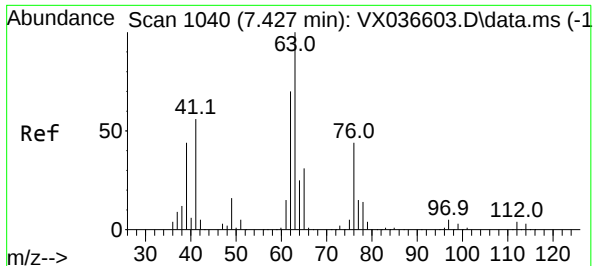
Tgt Ion:130 Resp: 12007

Ion Ratio Lower Upper

130 100

95 97.9 0.0 204.4





#45

1,2-Dichloropropane

Concen: 5.041 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VX036617.D

Acq: 21 Jul 2023 18:28

Instrument :

MSVOA_X

ClientSampleId :

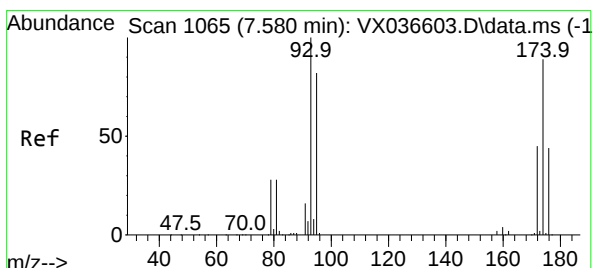
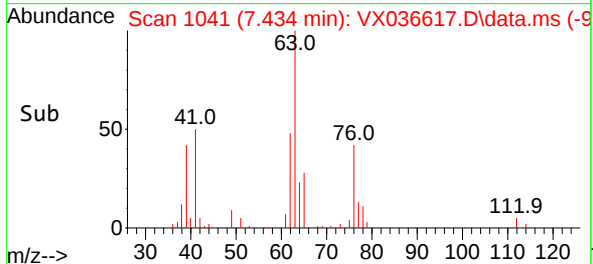
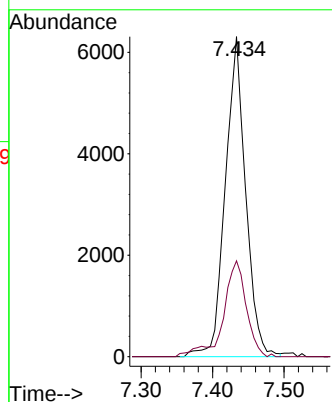
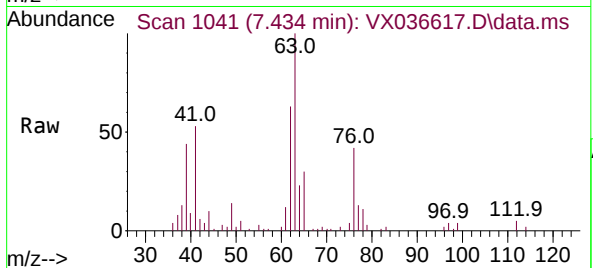
LOQ-WATER-02-QT3-2023

Tgt Ion: 63 Resp: 12479

Ion Ratio Lower Upper

63 100

65 30.0 24.3 36.5



#46

Dibromomethane

Concen: 4.997 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. 0.006 min

Lab File: VX036617.D

Acq: 21 Jul 2023 18:28

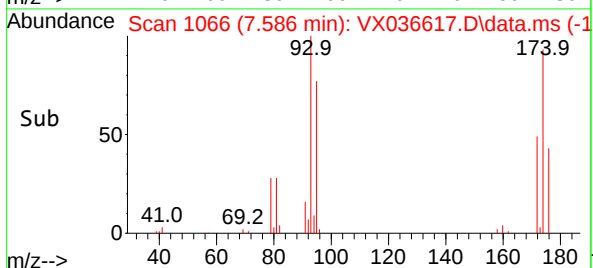
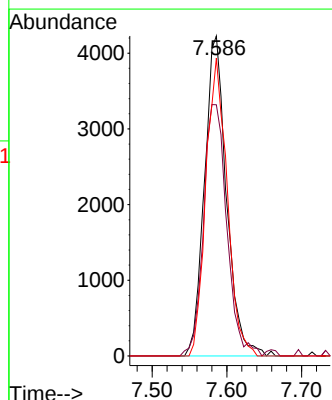
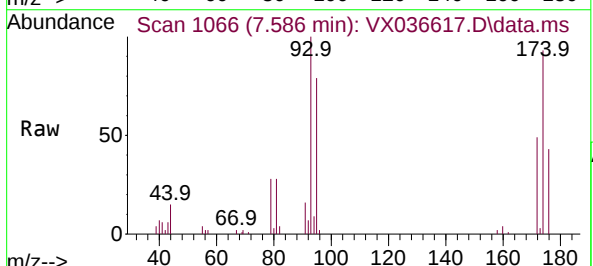
Tgt Ion: 93 Resp: 8657

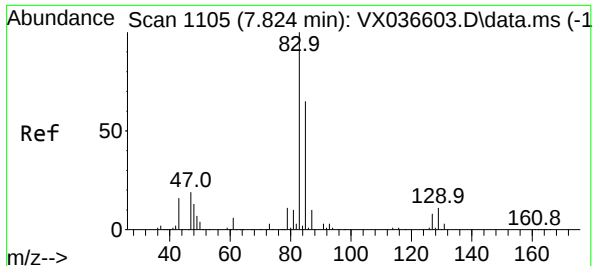
Ion Ratio Lower Upper

93 100

95 82.9 66.6 100.0

174 89.7 69.4 104.0

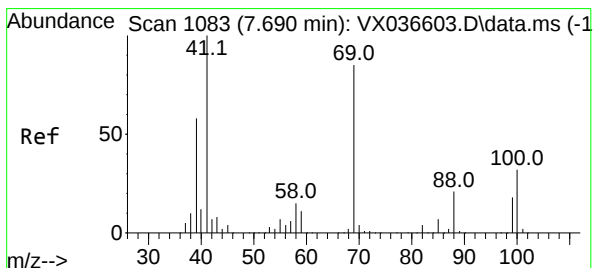
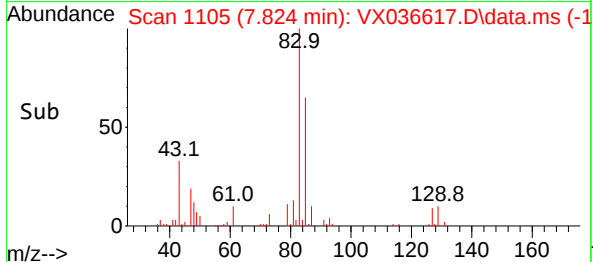
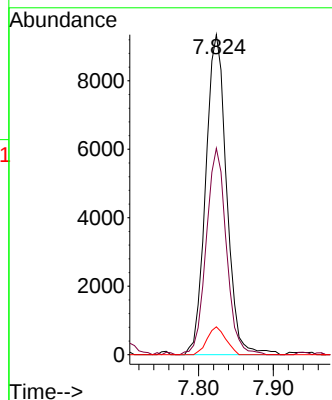
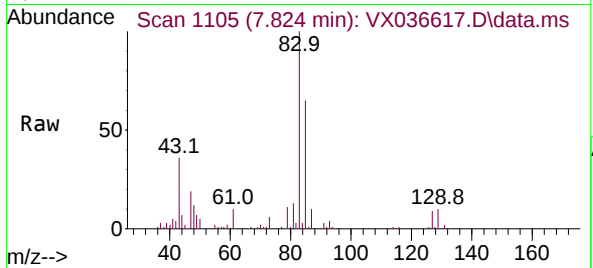




#47
Bromodichloromethane
Concen: 5.083 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX036617.D
Acq: 21 Jul 2023 18:28

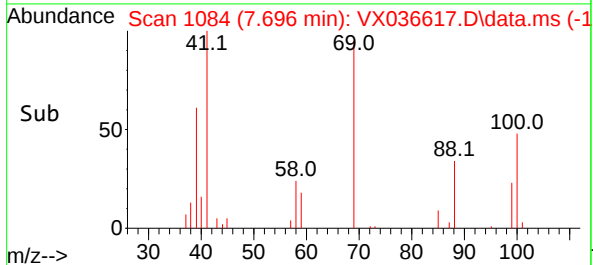
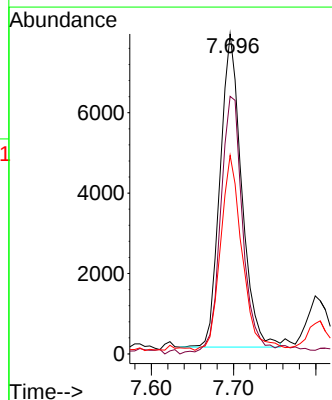
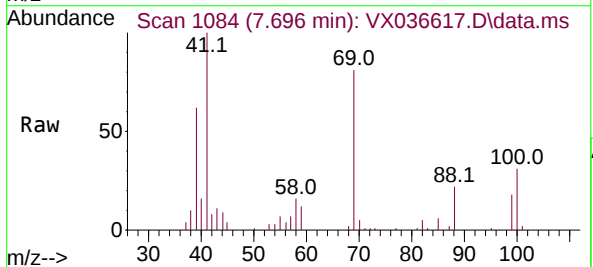
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT3-2023

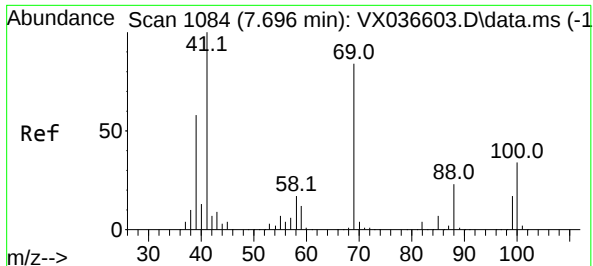
Tgt Ion: 83	Resp: 18075
Ion Ratio	Lower Upper
83 100	
85 64.5	49.8 74.6
127 8.7	7.1 10.7



#48
Methyl methacrylate
Concen: 4.911 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.006 min
Lab File: VX036617.D
Acq: 21 Jul 2023 18:28

Tgt Ion: 41	Resp: 14181
Ion Ratio	Lower Upper
41 100	
69 85.4	59.2 88.8
39 62.5	47.7 71.5





#49

1,4-Dioxane

Concen: 104.219 ug/l

RT: 7.708 min Scan# 1086

Delta R.T. 0.012 min

Lab File: VX036617.D

Acq: 21 Jul 2023 18:28

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT3-2023

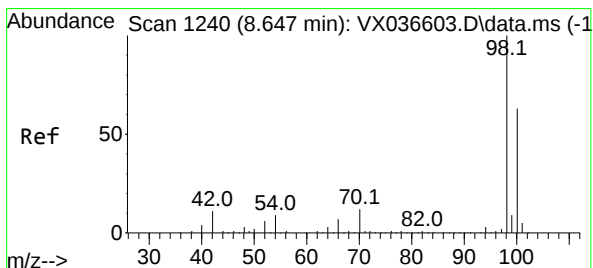
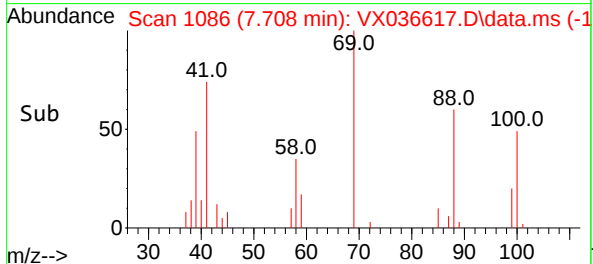
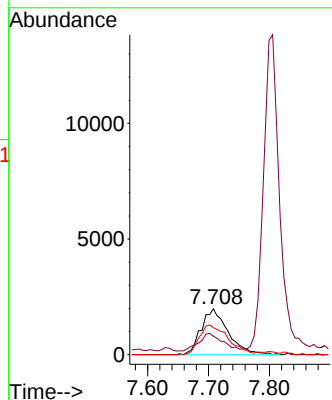
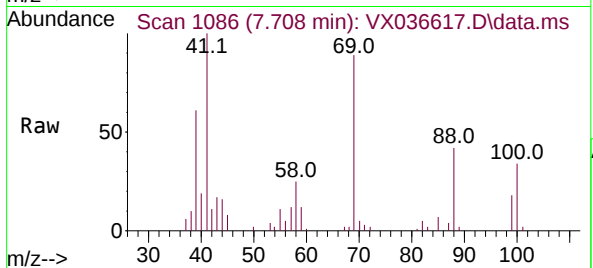
Tgt Ion: 88 Resp: 6079

Ion Ratio Lower Upper

88 100

43 34.4 0.0 0.0#

58 69.3 60.1 90.1



#50

Toluene-d8

Concen: 48.782 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX036617.D

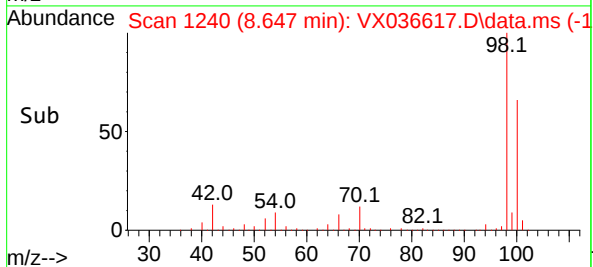
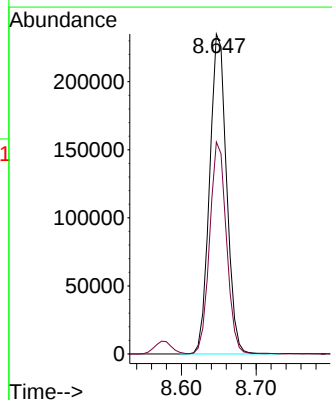
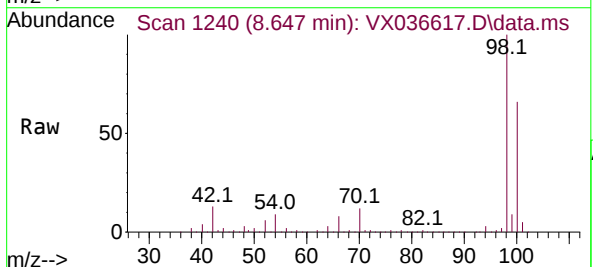
Acq: 21 Jul 2023 18:28

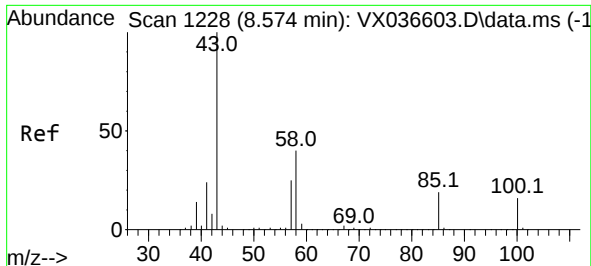
Tgt Ion: 98 Resp: 369847

Ion Ratio Lower Upper

98 100

100 65.4 53.1 79.7

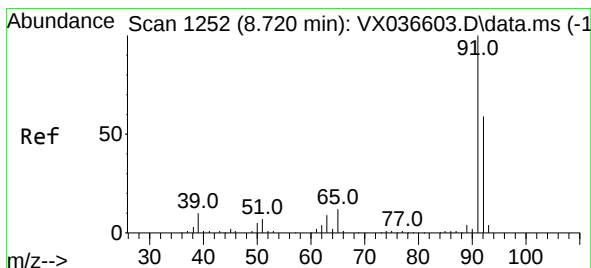
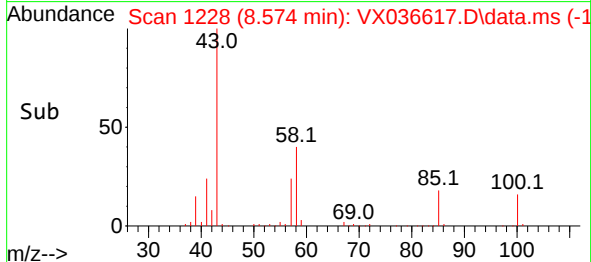
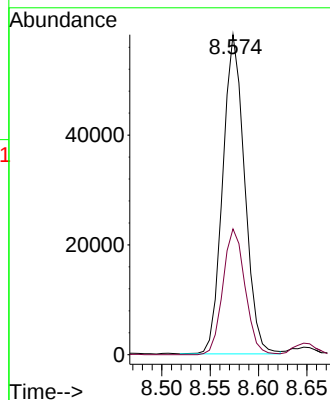
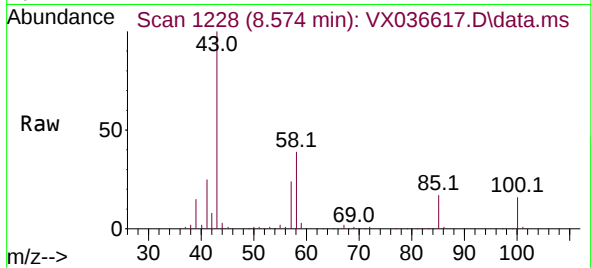




#51
4-Methyl-2-Pentanone
Concen: 26.599 ug/l
RT: 8.574 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX036617.D
Acq: 21 Jul 2023 18:28

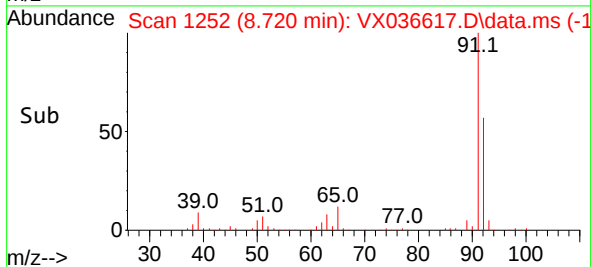
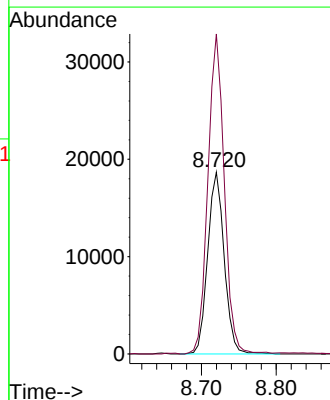
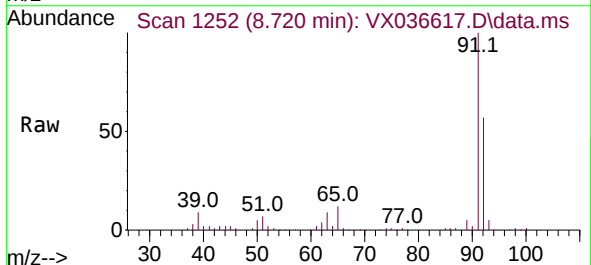
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT3-2023

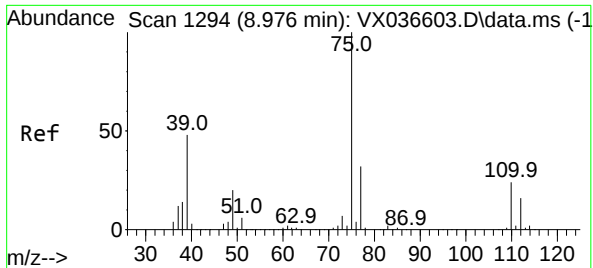
Tgt Ion: 43 Resp: 91390
Ion Ratio Lower Upper
43 100
58 39.8 30.4 45.6



#52
Toluene
Concen: 4.935 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX036617.D
Acq: 21 Jul 2023 18:28

Tgt Ion: 92 Resp: 28671
Ion Ratio Lower Upper
92 100
91 174.9 134.2 201.2

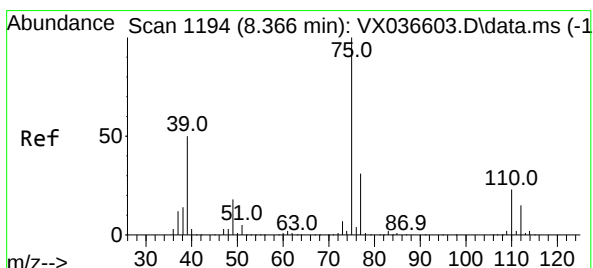
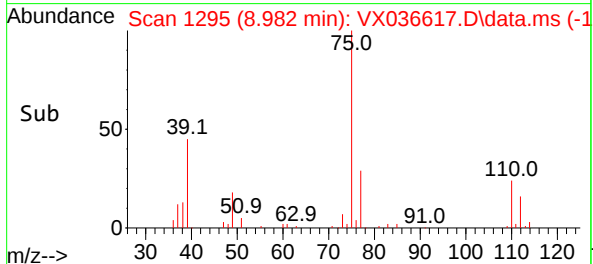
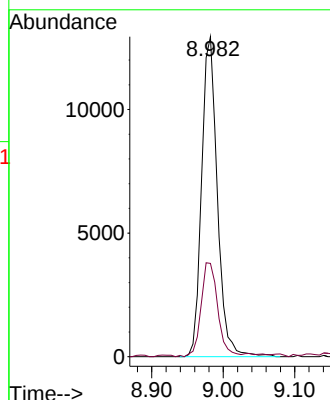
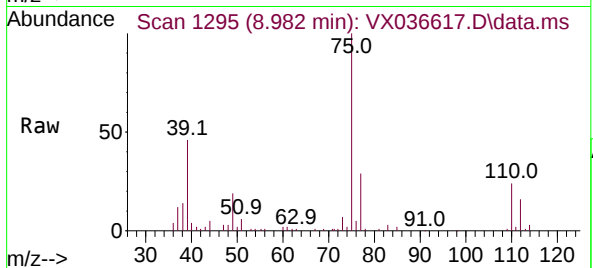




#53
 t-1,3-Dichloropropene
 Concen: 4.918 ug/l
 RT: 8.982 min Scan# 1129
 Delta R.T. 0.006 min
 Lab File: VX036617.D
 Acq: 21 Jul 2023 18:28

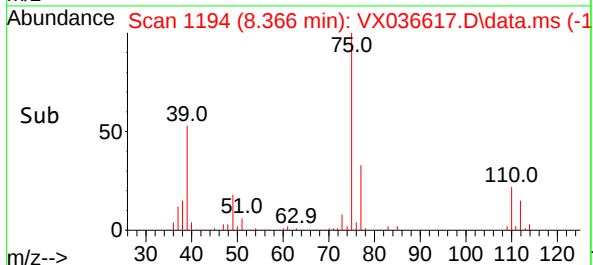
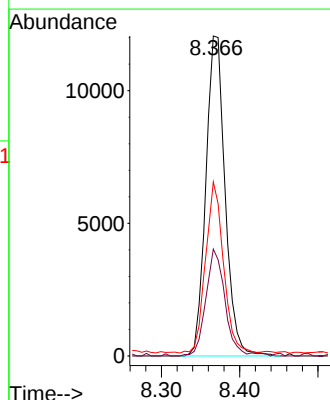
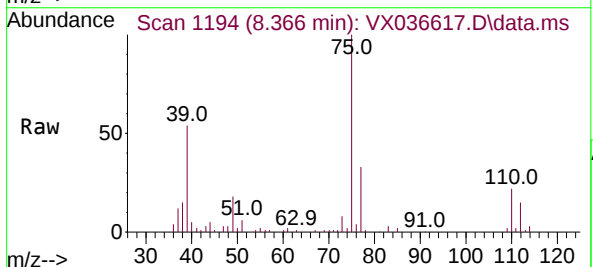
Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT3-2023

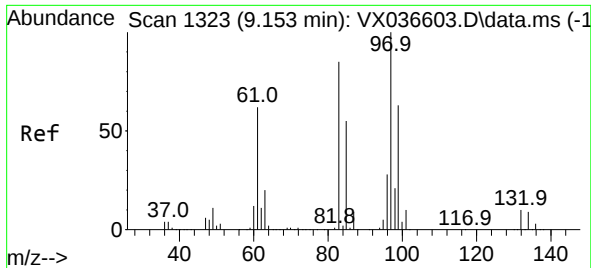
Tgt Ion: 75 Resp: 19768
 Ion Ratio Lower Upper
 75 100
 77 28.7 25.7 38.5



#54
 cis-1,3-Dichloropropene
 Concen: 4.853 ug/l
 RT: 8.366 min Scan# 1194
 Delta R.T. -0.000 min
 Lab File: VX036617.D
 Acq: 21 Jul 2023 18:28

Tgt Ion: 75 Resp: 20583
 Ion Ratio Lower Upper
 75 100
 77 33.4 25.3 37.9
 39 53.5 46.7 70.1

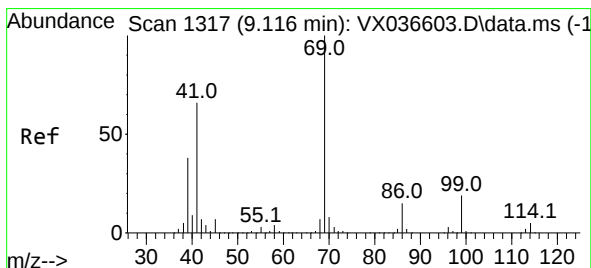
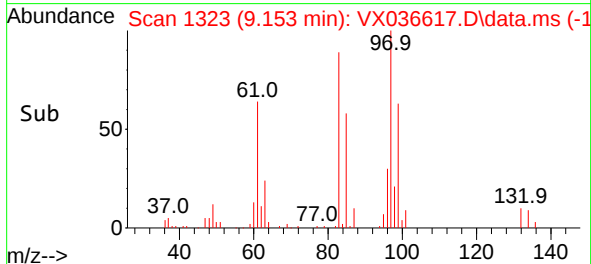
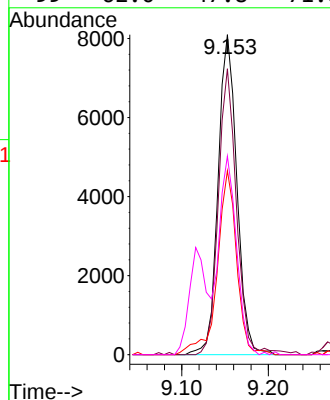
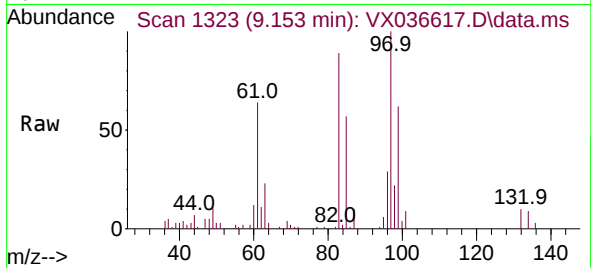




#55
1,1,2-Trichloroethane
Concen: 5.003 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX036617.D
Acq: 21 Jul 2023 18:28

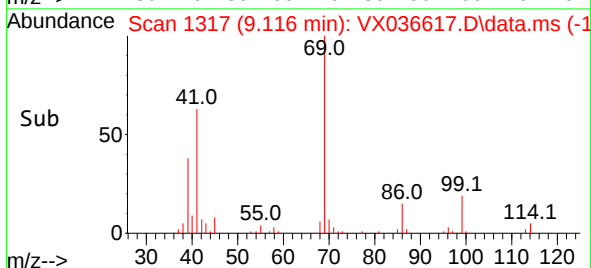
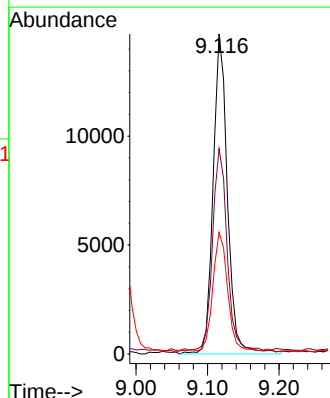
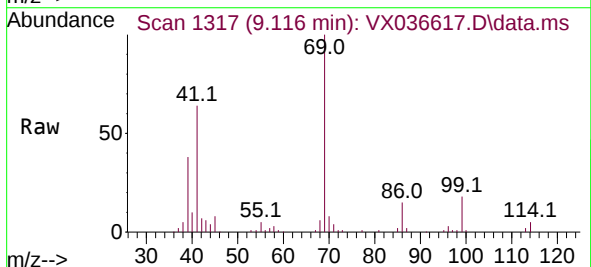
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT3-2023

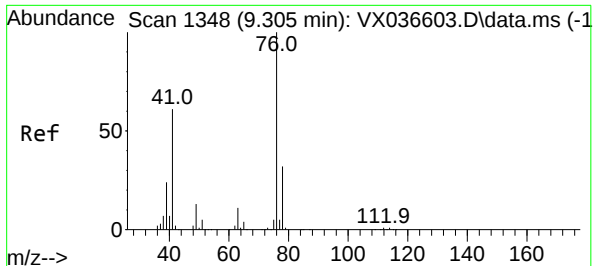
Tgt Ion: 97	Resp: 12216
Ion Ratio	Lower Upper
97 100	
83 89.4	65.8 98.8
85 57.5	41.6 62.4
99 62.0	47.8 71.8



#56
Ethyl methacrylate
Concen: 5.151 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX036617.D
Acq: 21 Jul 2023 18:28

Tgt Ion: 69	Resp: 20484
Ion Ratio	Lower Upper
69 100	
41 62.8	56.8 85.2
39 39.7	32.0 48.0





#57

1,3-Dichloropropane

Concen: 5.096 ug/l

RT: 9.311 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX036617.D

Acq: 21 Jul 2023 18:28

Instrument :

MSVOA_X

ClientSampleId :

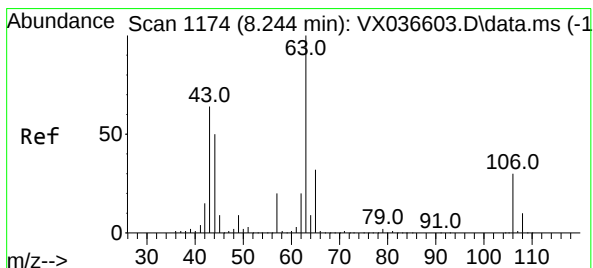
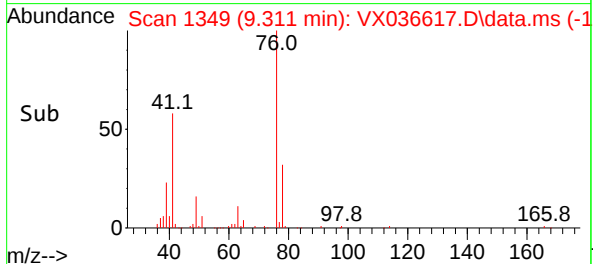
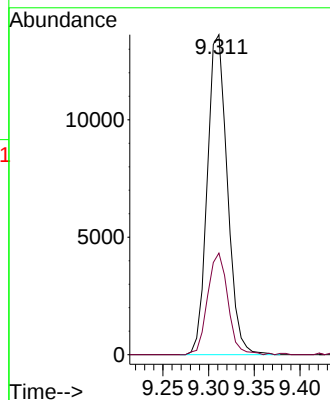
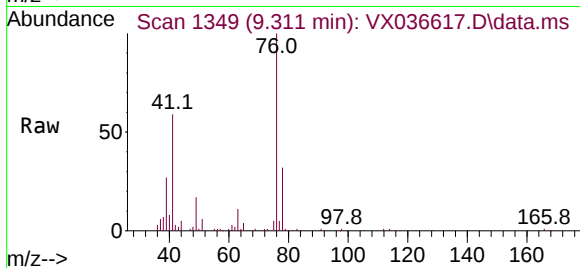
LOQ-WATER-02-QT3-2023

Tgt Ion: 76 Resp: 20725

Ion Ratio Lower Upper

76 100

78 32.1 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 25.877 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. -0.000 min

Lab File: VX036617.D

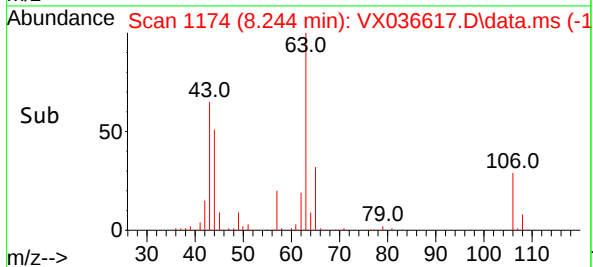
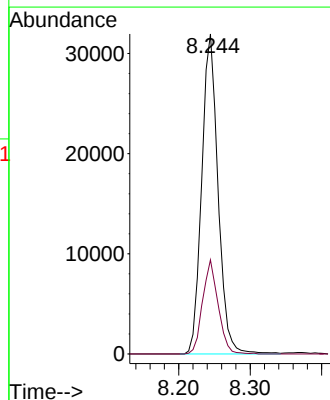
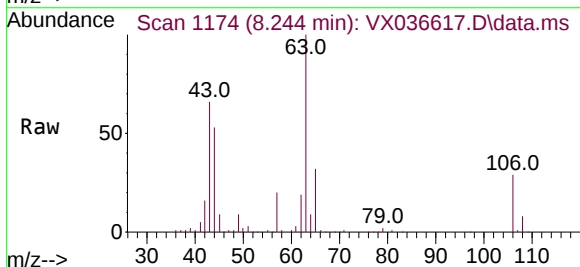
Acq: 21 Jul 2023 18:28

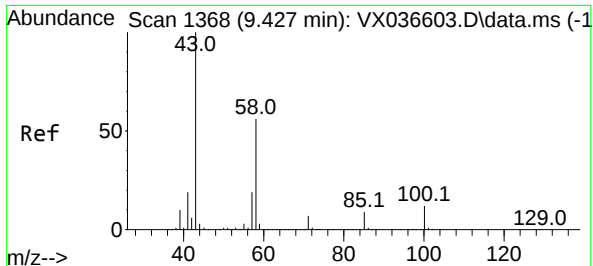
Tgt Ion: 63 Resp: 50701

Ion Ratio Lower Upper

63 100

106 27.9 22.5 33.7

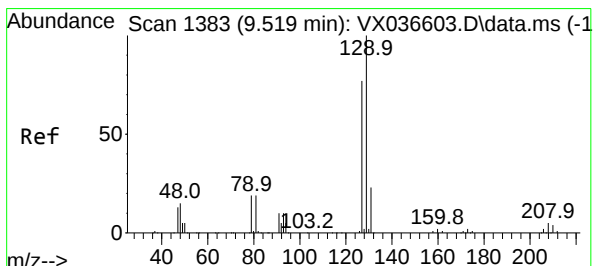
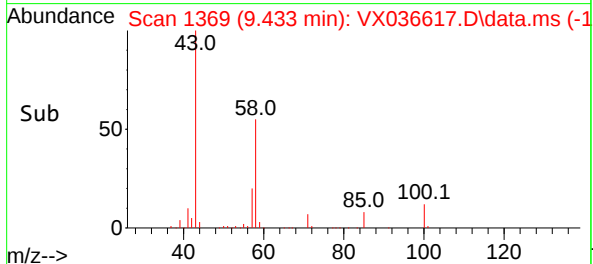
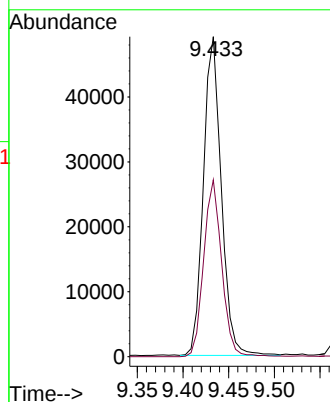
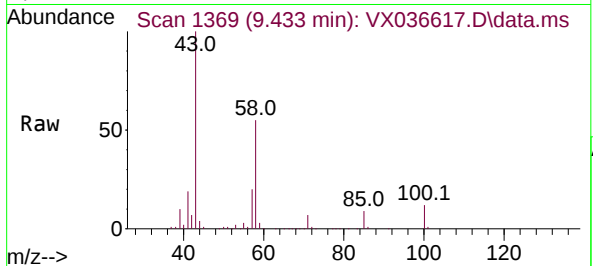




#59
2-Hexanone
Concen: 26.177 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.006 min
Lab File: VX036617.D
Acq: 21 Jul 2023 18:28

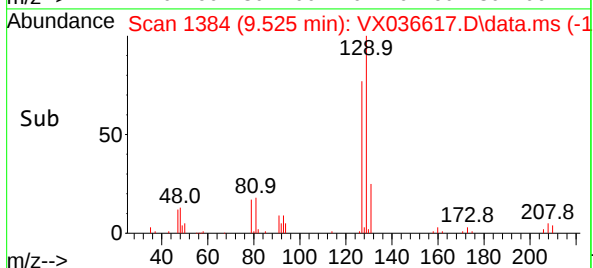
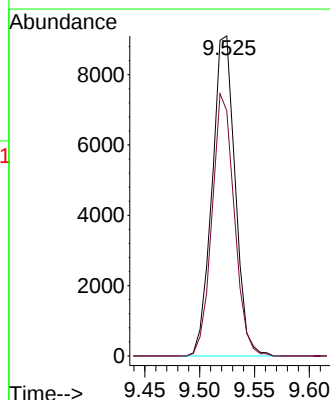
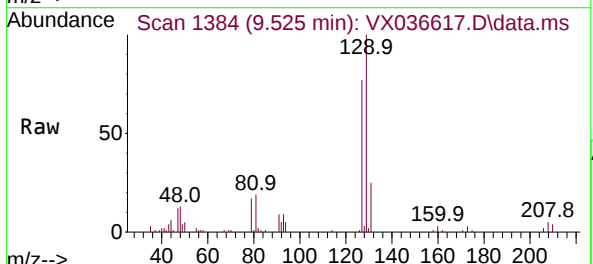
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT3-2023

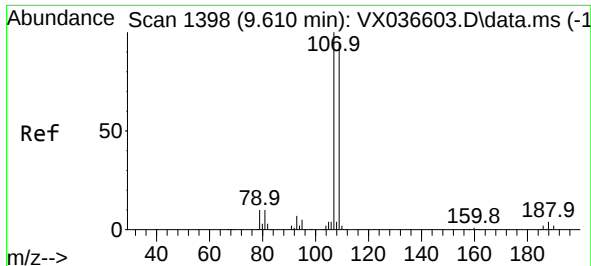
Tgt Ion: 43 Resp: 66748
Ion Ratio Lower Upper
43 100
58 55.8 26.2 78.5



#60
Dibromochloromethane
Concen: 4.968 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. 0.006 min
Lab File: VX036617.D
Acq: 21 Jul 2023 18:28

Tgt Ion: 129 Resp: 13334
Ion Ratio Lower Upper
129 100
127 79.0 38.8 116.4

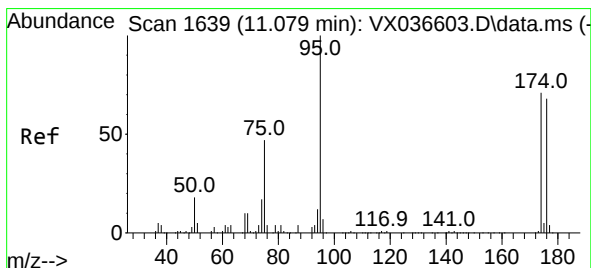
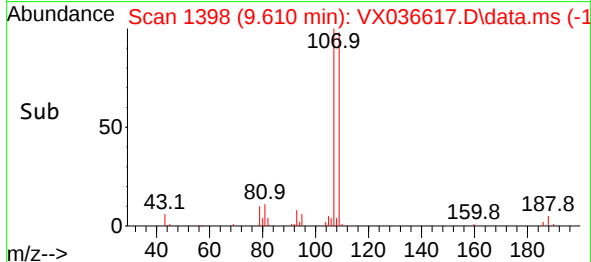
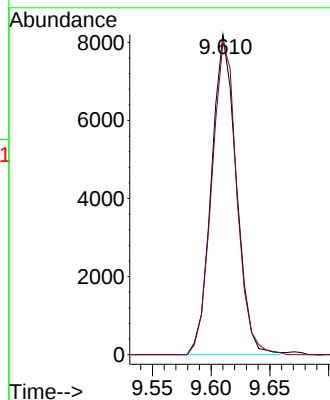
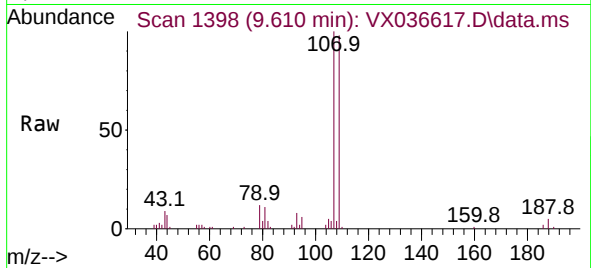




#61
1,2-Dibromoethane
Concen: 4.766 ug/l
RT: 9.610 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX036617.D
Acq: 21 Jul 2023 18:28

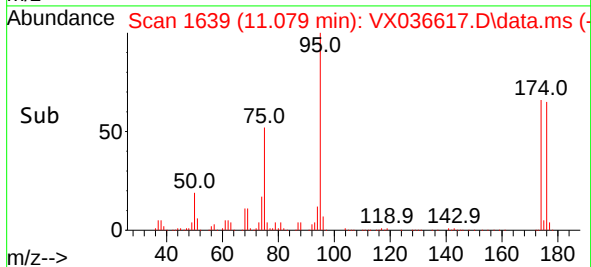
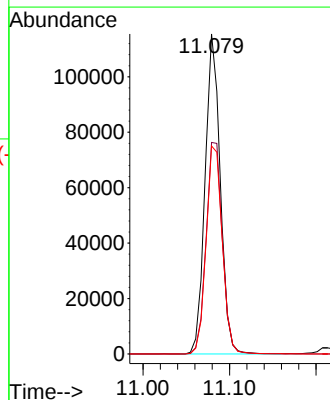
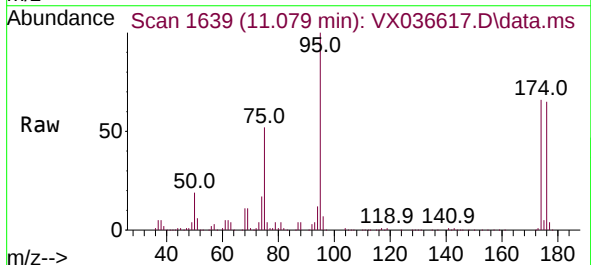
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT3-2023

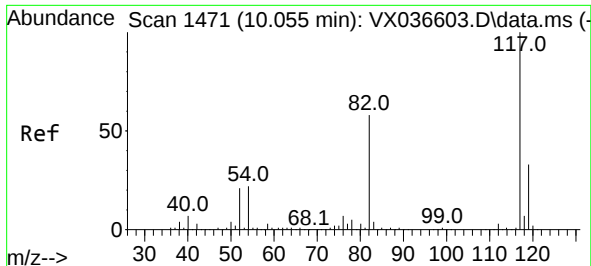
Tgt Ion:107 Resp: 12062
Ion Ratio Lower Upper
107 100
109 98.6 75.2 112.8



#62
4-Bromofluorobenzene
Concen: 49.072 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX036617.D
Acq: 21 Jul 2023 18:28

Tgt Ion: 95 Resp: 140369
Ion Ratio Lower Upper
95 100
174 71.0 0.0 135.6
176 69.1 0.0 131.0

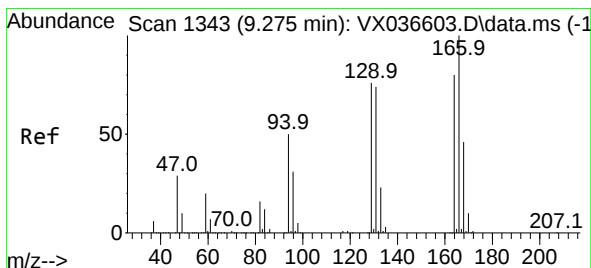
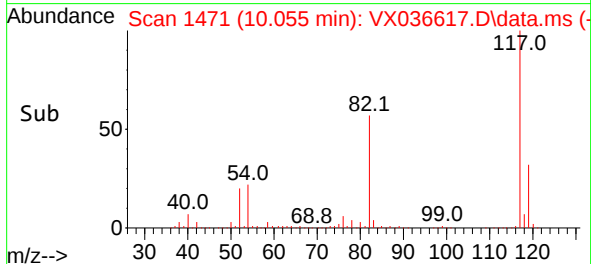
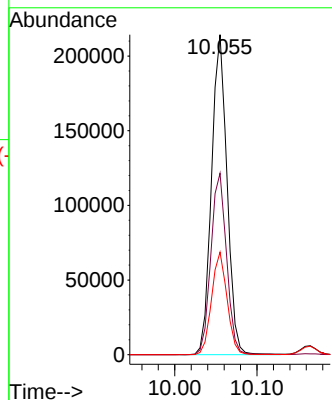
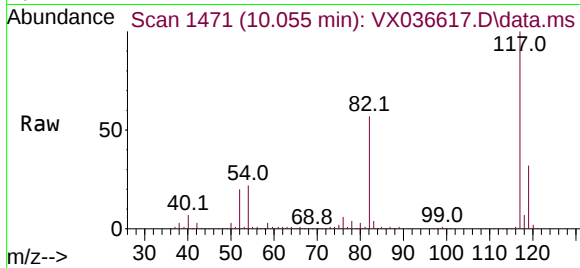




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX036617.D
Acq: 21 Jul 2023 18:28

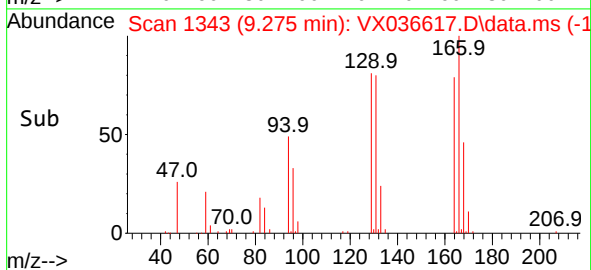
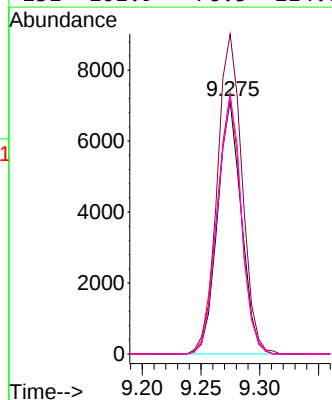
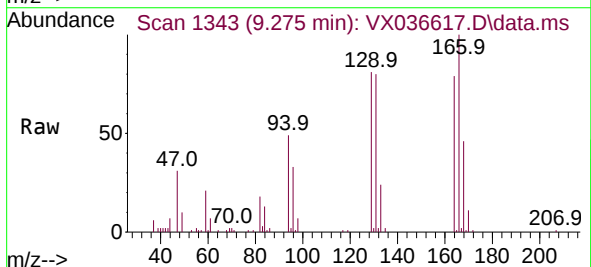
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT3-2023

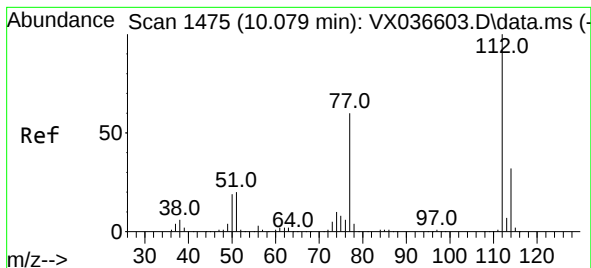
Tgt Ion:117	Resp: 280700
Ion Ratio	Lower Upper
117 100	
82 56.7	46.2 69.4
119 32.1	25.5 38.3



#64
Tetrachloroethene
Concen: 4.787 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX036617.D
Acq: 21 Jul 2023 18:28

Tgt	Ion:164	Resp:	10022
Ion	Ratio	Lower	Upper
164	100		
166	126.6	102.7	154.1
129	103.1	80.4	120.6
131	101.9	76.5	114.7





#65

Chlorobenzene

Concen: 4.894 ug/l

RT: 10.079 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VX036617.D

Acq: 21 Jul 2023 18:28

Instrument :

MSVOA_X

ClientSampleId :

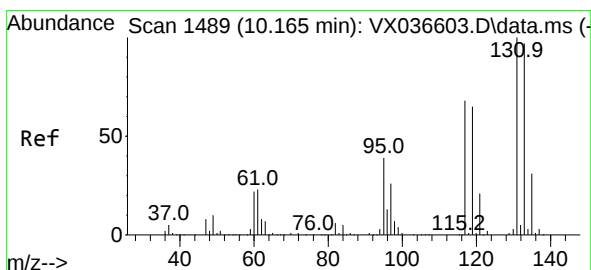
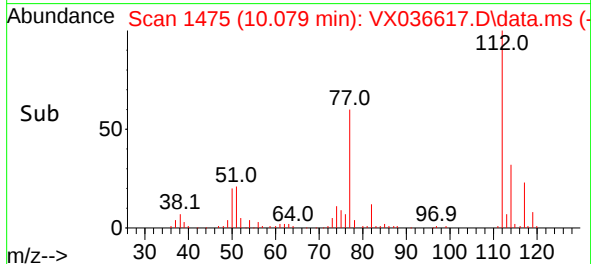
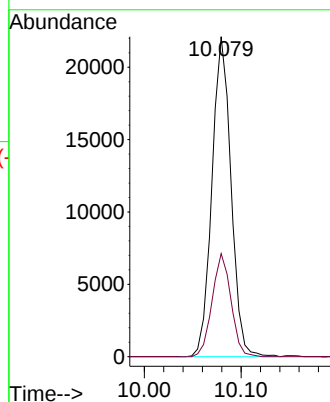
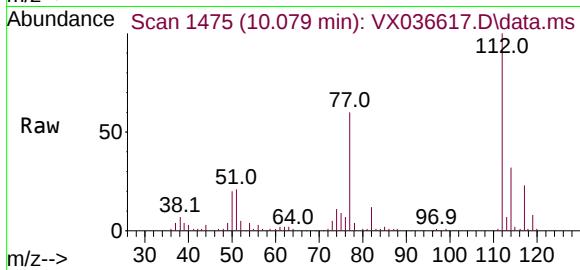
LOQ-WATER-02-QT3-2023

Tgt Ion:112 Resp: 30280

Ion Ratio Lower Upper

112 100

114 32.2 25.7 38.5



#66

1,1,1,2-Tetrachloroethane

Concen: 4.911 ug/l

RT: 10.165 min Scan# 1489

Delta R.T. -0.000 min

Lab File: VX036617.D

Acq: 21 Jul 2023 18:28

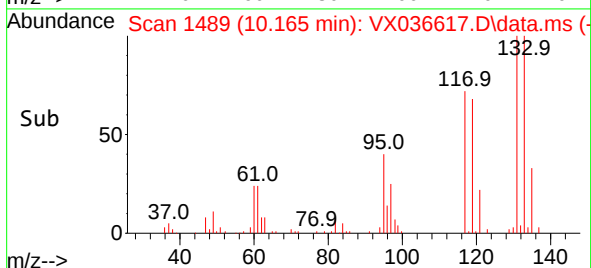
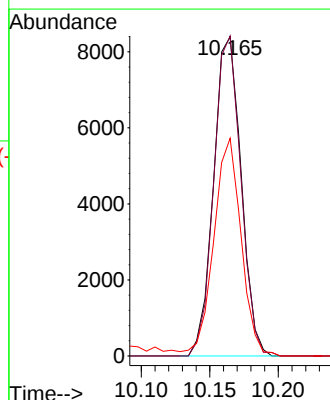
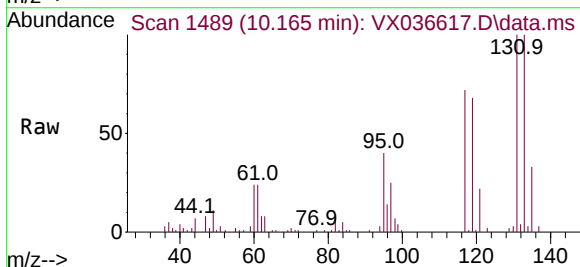
Tgt Ion:131 Resp: 11744

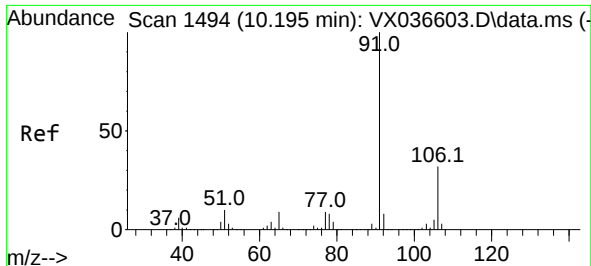
Ion Ratio Lower Upper

131 100

133 98.1 47.1 141.4

119 67.6 32.2 96.6





#67

Ethyl Benzene

Concen: 4.859 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. -0.000 min

Lab File: VX036617.D

Acq: 21 Jul 2023 18:28

Instrument :

MSVOA_X

ClientSampleId :

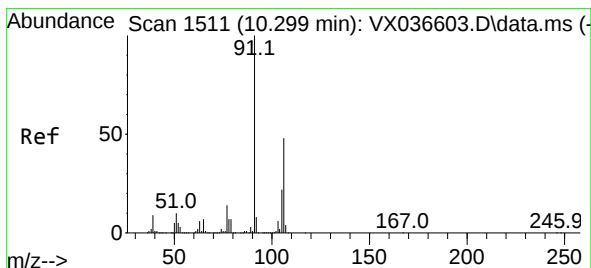
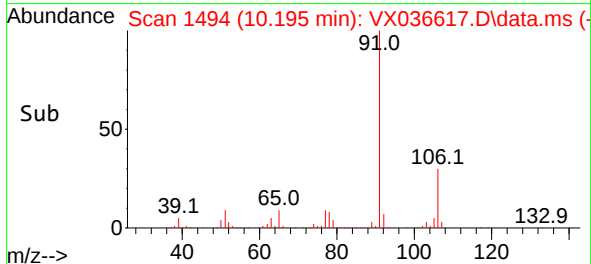
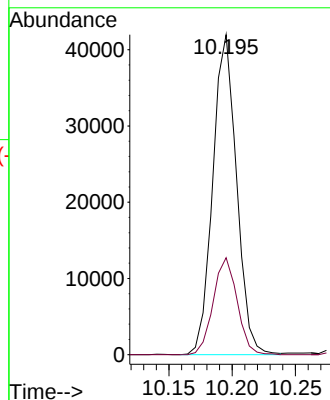
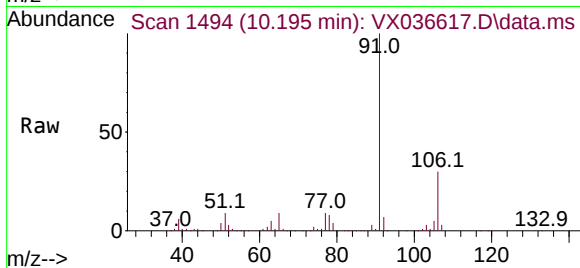
LOQ-WATER-02-QT3-2023

Tgt Ion: 91 Resp: 54922

Ion Ratio Lower Upper

91 100

106 30.3 24.9 37.3



#68

m/p-Xylenes

Concen: 9.907 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX036617.D

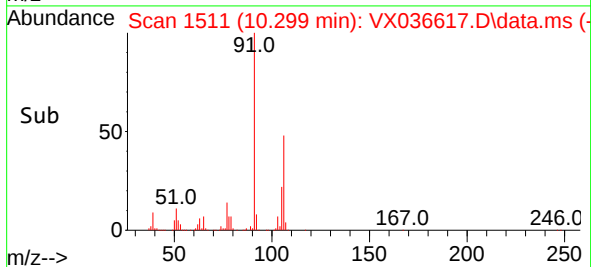
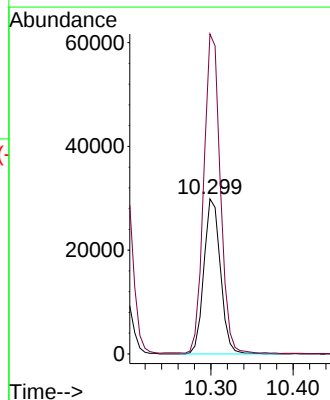
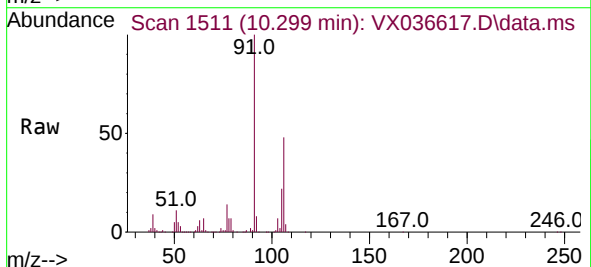
Acq: 21 Jul 2023 18:28

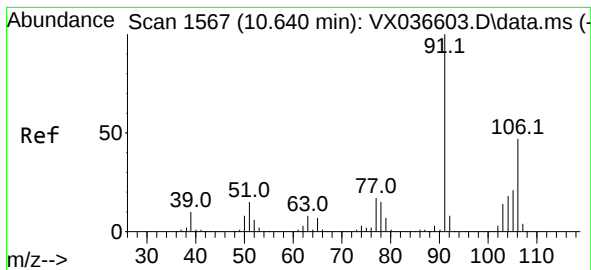
Tgt Ion: 106 Resp: 41780

Ion Ratio Lower Upper

106 100

91 206.1 165.5 248.3





#69

o-Xylene

Concen: 4.862 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX036617.D

Acq: 21 Jul 2023 18:28

Instrument :

MSVOA_X

ClientSampleId :

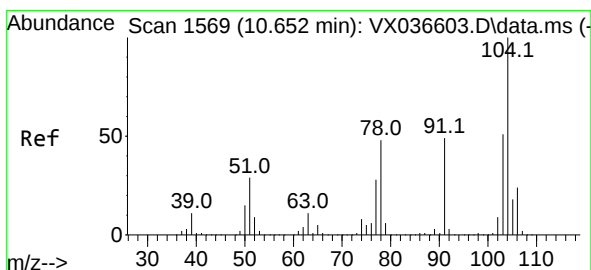
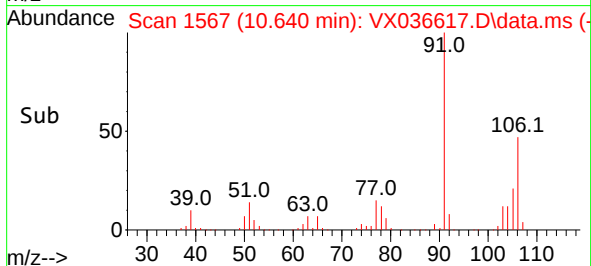
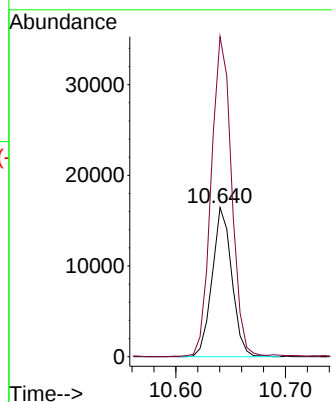
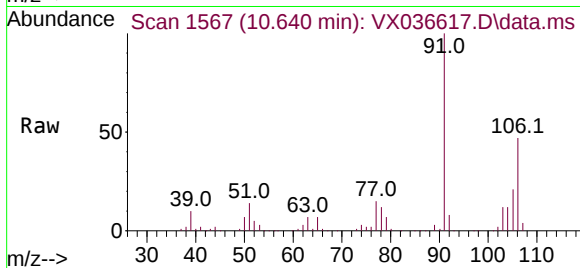
LOQ-WATER-02-QT3-2023

Tgt Ion:106 Resp: 20469

Ion Ratio Lower Upper

106 100

91 223.4 108.9 326.8



#70

Styrene

Concen: 4.737 ug/l

RT: 10.652 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VX036617.D

Acq: 21 Jul 2023 18:28

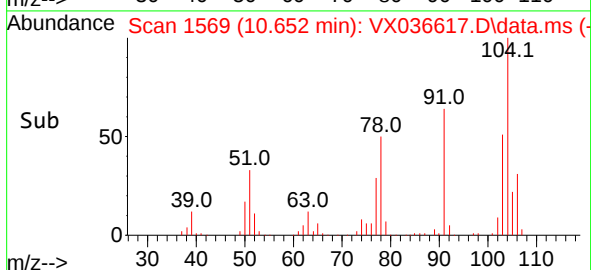
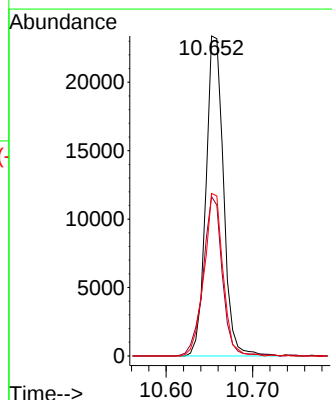
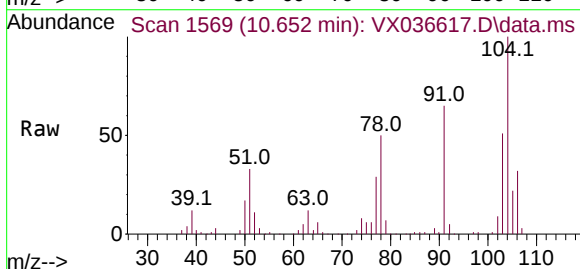
Tgt Ion:104 Resp: 32903

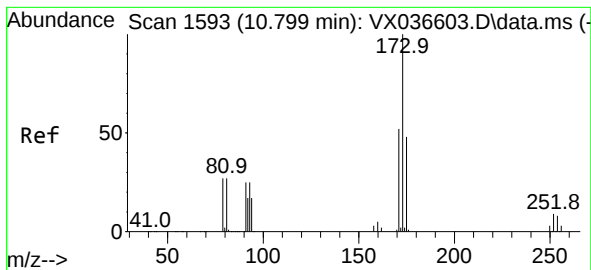
Ion Ratio Lower Upper

104 100

78 54.4 43.6 65.4

103 54.8 43.6 65.4





#71

Bromoform

Concen: 4.787 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX036617.D

Acq: 21 Jul 2023 18:28

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT3-2023

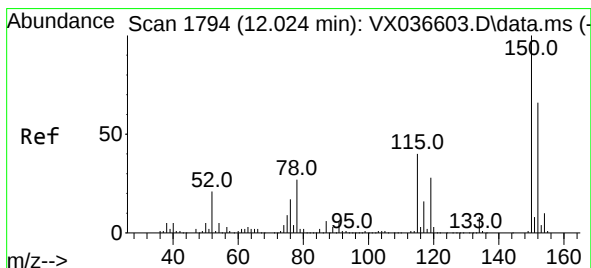
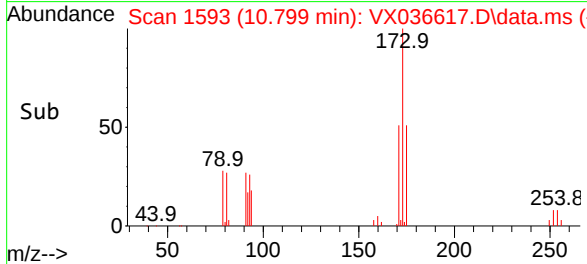
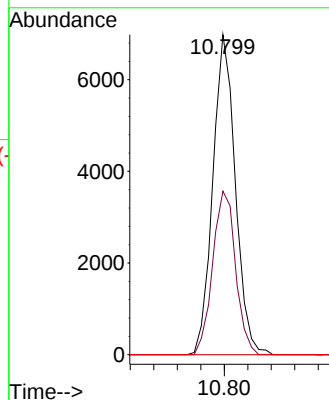
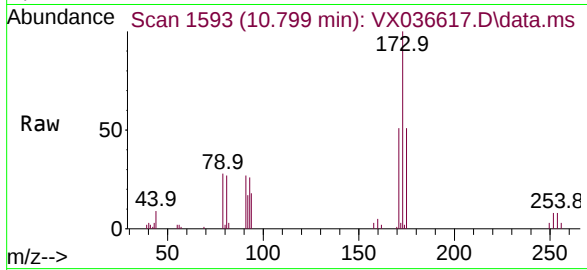
Tgt Ion:173 Resp: 9267

Ion Ratio Lower Upper

173 100

175 52.0 24.1 72.4

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VX036617.D

Acq: 21 Jul 2023 18:28

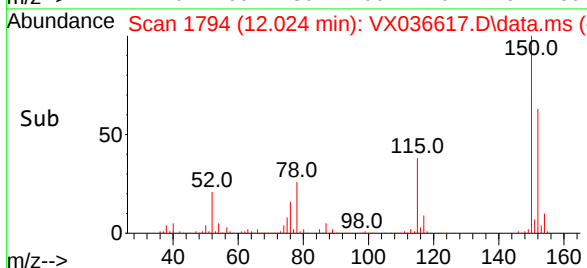
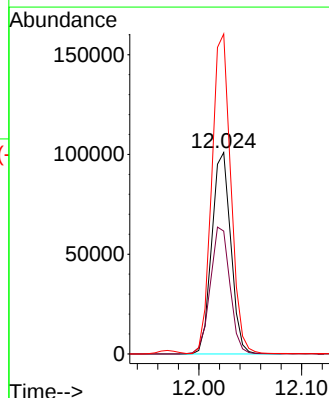
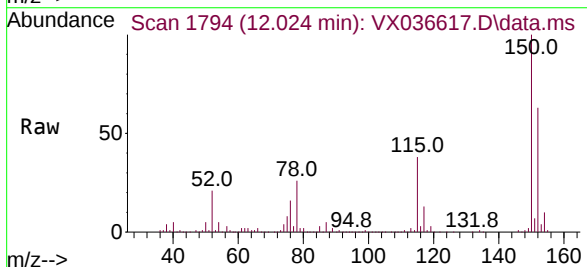
Tgt Ion:152 Resp: 129270

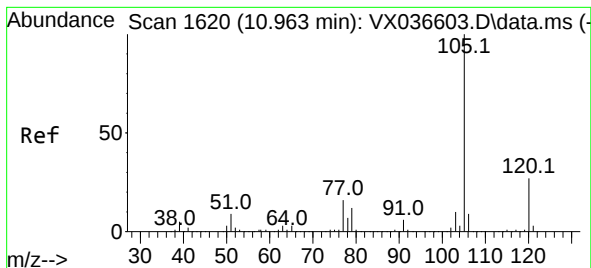
Ion Ratio Lower Upper

152 100

115 65.1 43.3 129.9

150 159.7 0.0 345.0





#73

Isopropylbenzene

Concen: 5.039 ug/l

RT: 10.963 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX036617.D

Acq: 21 Jul 2023 18:28

Instrument :

MSVOA_X

ClientSampleId :

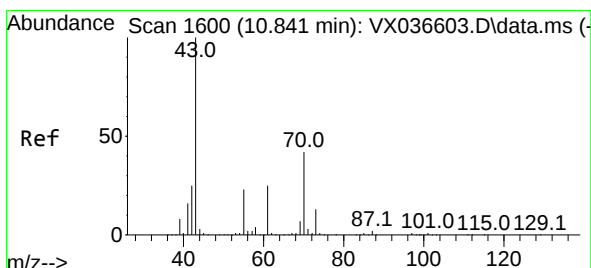
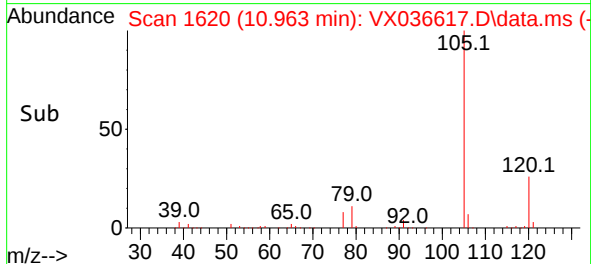
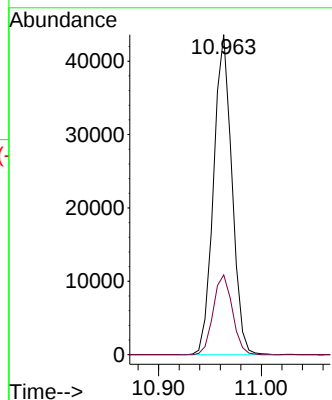
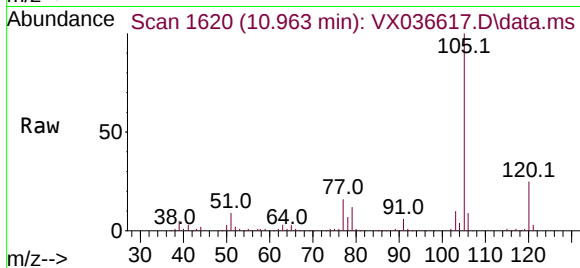
LOQ-WATER-02-QT3-2023

Tgt Ion:105 Resp: 53906

Ion Ratio Lower Upper

105 100

120 26.0 12.9 38.6



#74

N-ethyl acetate

Concen: 5.037 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VX036617.D

Acq: 21 Jul 2023 18:28

Tgt Ion: 43 Resp: 25128

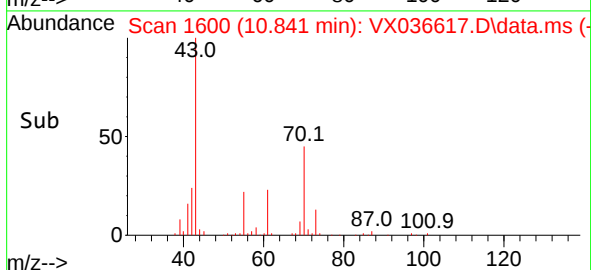
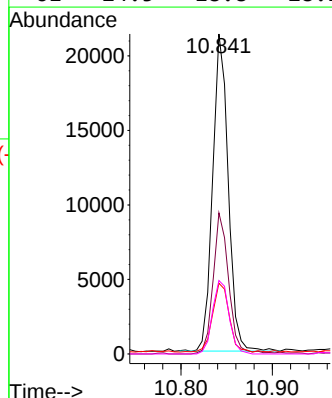
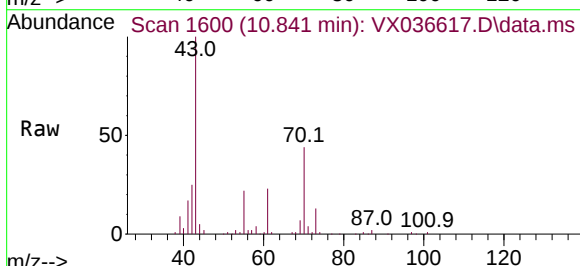
Ion Ratio Lower Upper

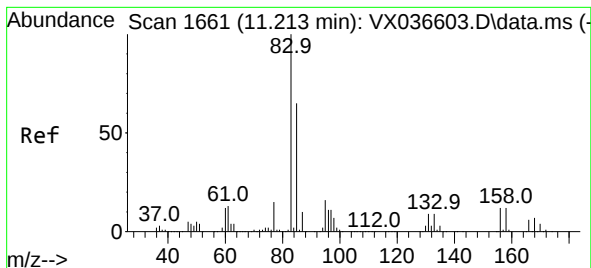
43 100

70 45.1 32.9 49.3

55 23.3 19.3 28.9

61 24.5 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 5.040 ug/l

RT: 11.213 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX036617.D

Acq: 21 Jul 2023 18:28

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT3-2023

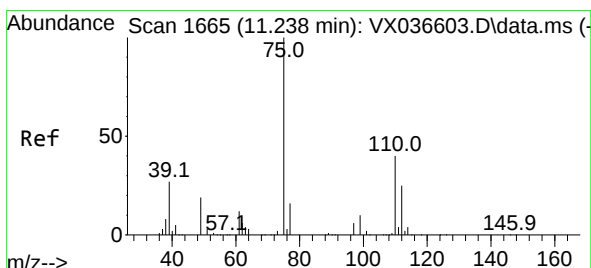
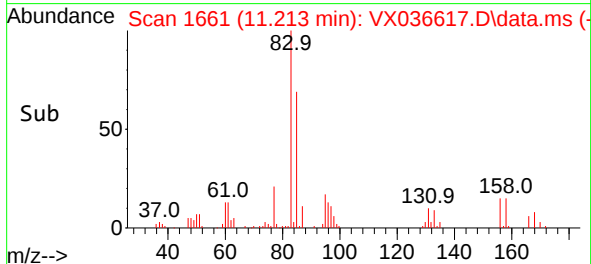
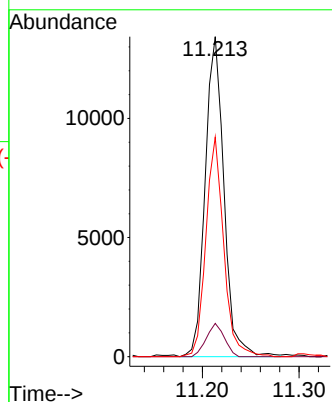
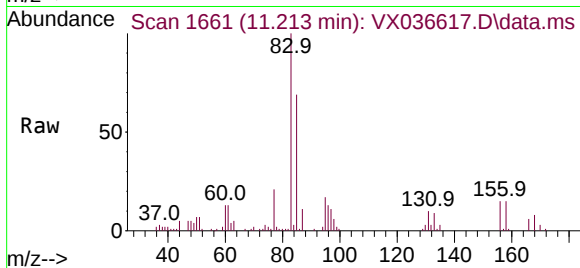
Tgt Ion: 83 Resp: 18213

Ion Ratio Lower Upper

83 100

131 10.0 5.3 15.8

85 65.1 32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 6.887 ug/l

RT: 11.238 min Scan# 1665

Delta R.T. -0.000 min

Lab File: VX036617.D

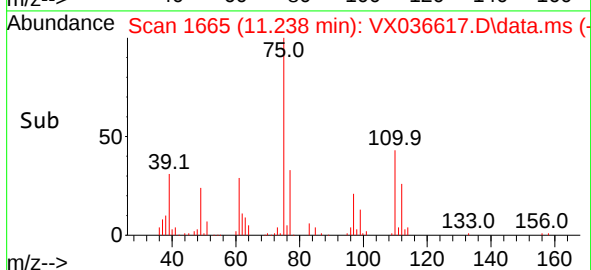
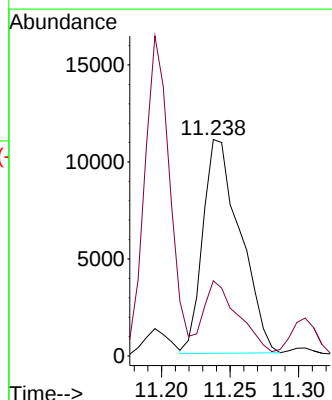
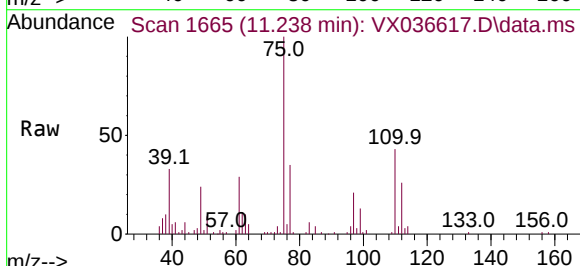
Acq: 21 Jul 2023 18:28

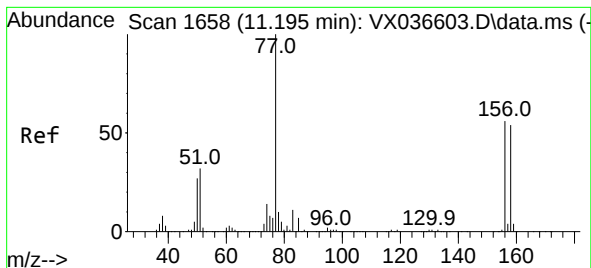
Tgt Ion: 75 Resp: 20940

Ion Ratio Lower Upper

75 100

77 33.8 19.1 57.5





#77

Bromobenzene

Concen: 5.024 ug/l

RT: 11.201 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX036617.D

Acq: 21 Jul 2023 18:28

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT3-2023

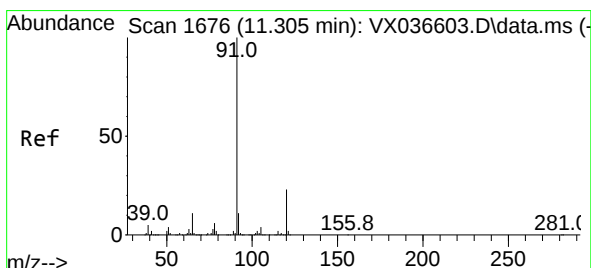
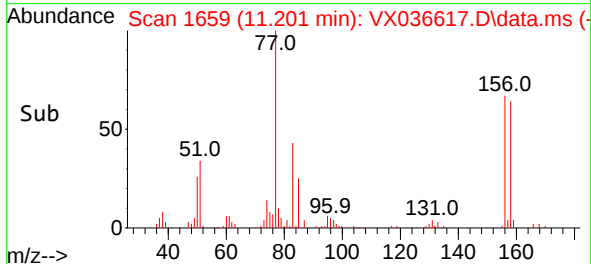
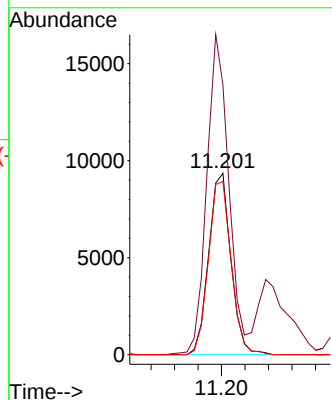
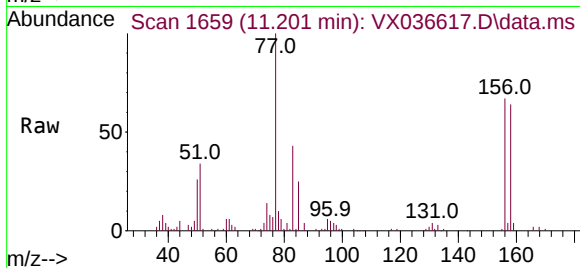
Tgt Ion:156 Resp: 12240

Ion Ratio Lower Upper

156 100

77 173.1 88.4 265.3

158 97.9 48.0 144.0



#78

n-propylbenzene

Concen: 4.910 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX036617.D

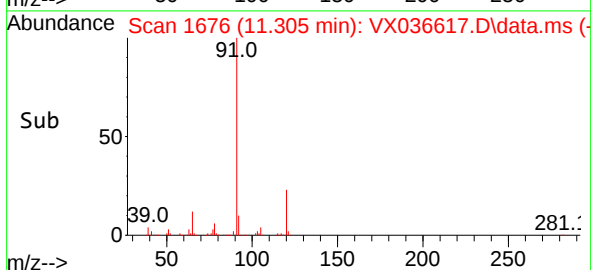
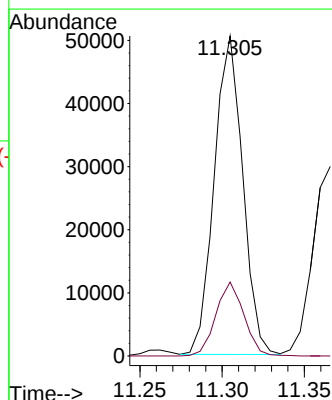
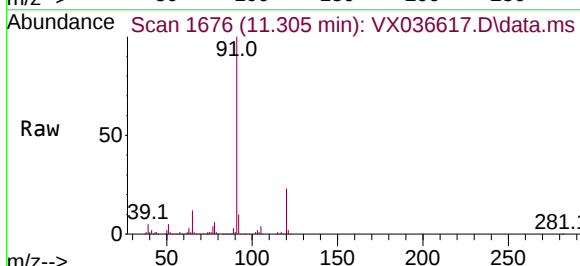
Acq: 21 Jul 2023 18:28

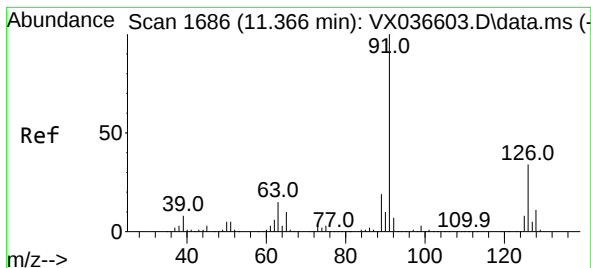
Tgt Ion: 91 Resp: 60745

Ion Ratio Lower Upper

91 100

120 22.9 11.5 34.4





#79

2-Chlorotoluene

Concen: 5.010 ug/l

RT: 11.366 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX036617.D

Acq: 21 Jul 2023 18:28

Instrument :

MSVOA_X

ClientSampleId :

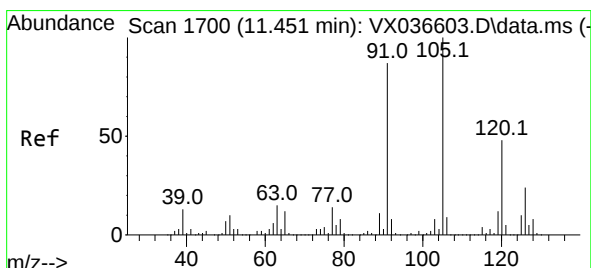
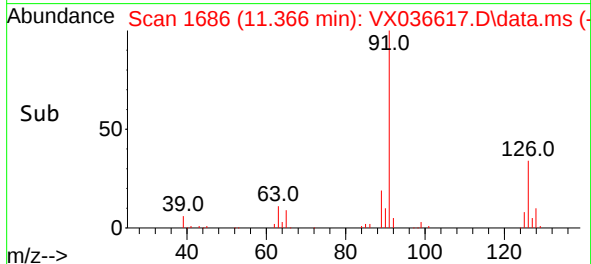
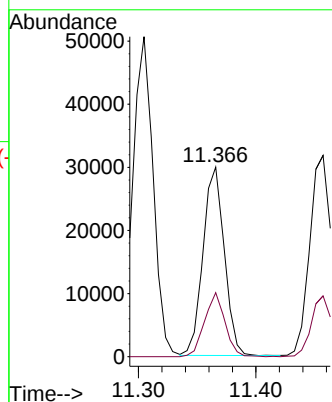
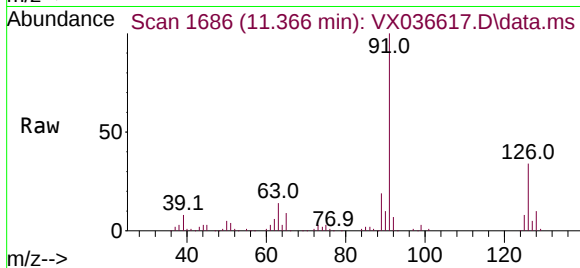
LOQ-WATER-02-QT3-2023

Tgt Ion: 91 Resp: 37564

Ion Ratio Lower Upper

91 100

126 32.6 16.3 48.8



#80

1,3,5-Trimethylbenzene

Concen: 5.091 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX036617.D

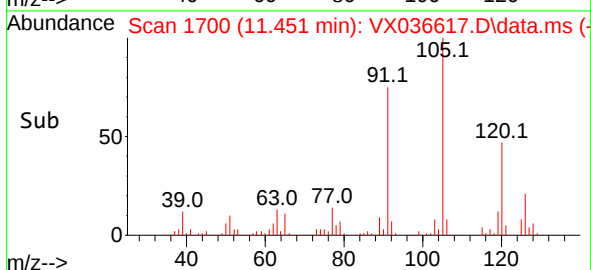
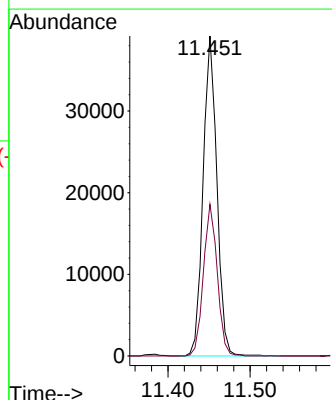
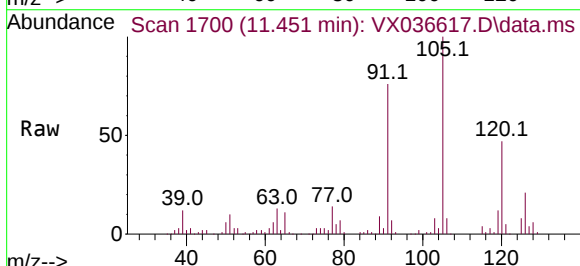
Acq: 21 Jul 2023 18:28

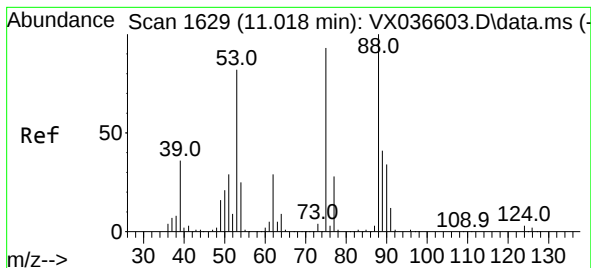
Tgt Ion: 105 Resp: 45566

Ion Ratio Lower Upper

105 100

120 47.6 24.1 72.3

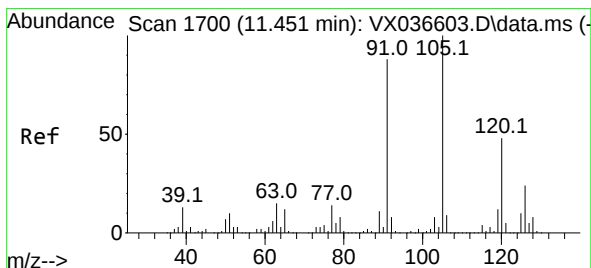
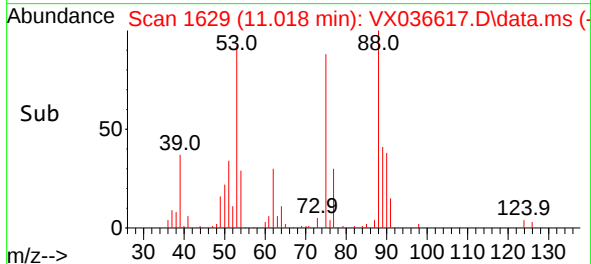
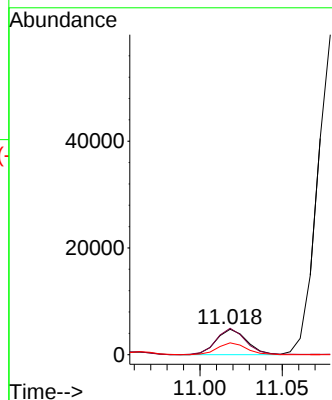
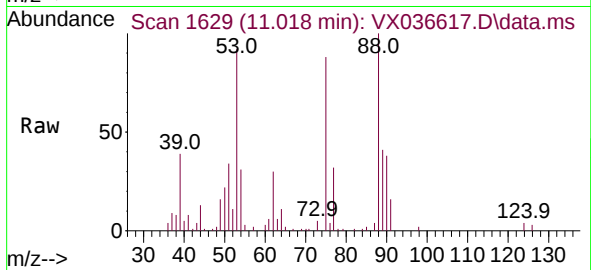




#81
trans-1,4-Dichloro-2-butene
Concen: 4.597 ug/l
RT: 11.018 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX036617.D
Acq: 21 Jul 2023 18:28

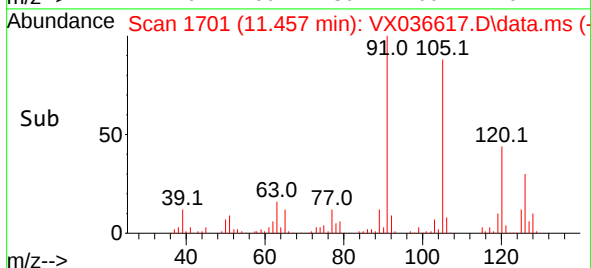
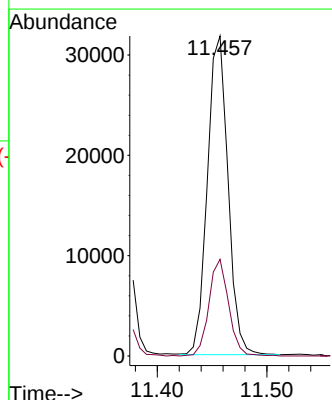
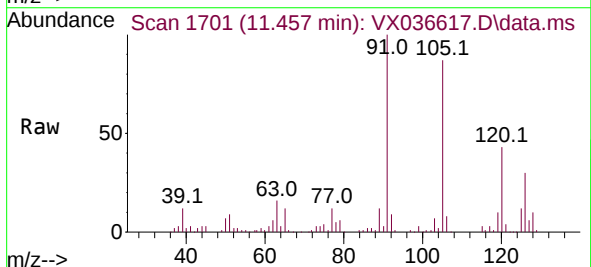
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT3-2023

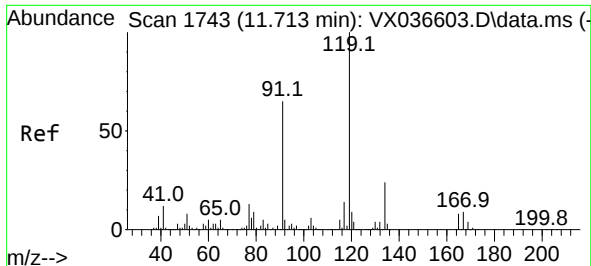
Tgt Ion: 75 Resp: 6167
Ion Ratio Lower Upper
75 100
53 101.4 90.5 135.7
89 43.9 36.9 55.3



#82
4-Chlorotoluene
Concen: 4.861 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX036617.D
Acq: 21 Jul 2023 18:28

Tgt Ion: 91 Resp: 41525
Ion Ratio Lower Upper
91 100
126 29.0 14.2 42.6

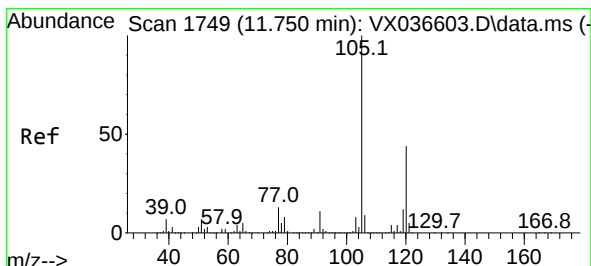
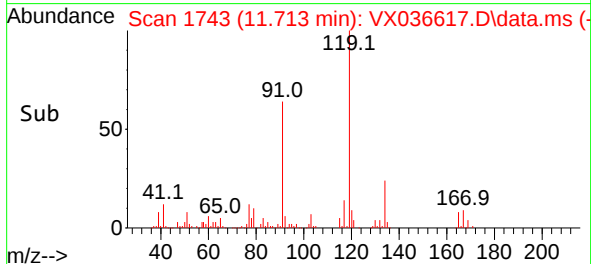
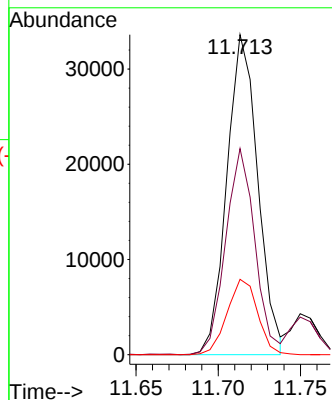
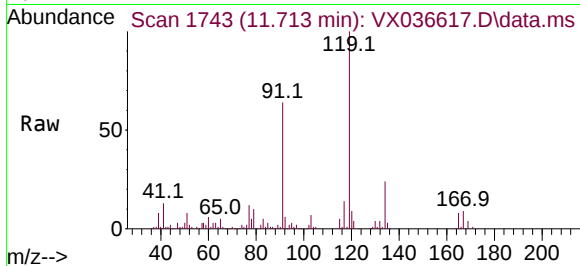




#83
tert-Butylbenzene
Concen: 5.006 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX036617.D
Acq: 21 Jul 2023 18:28

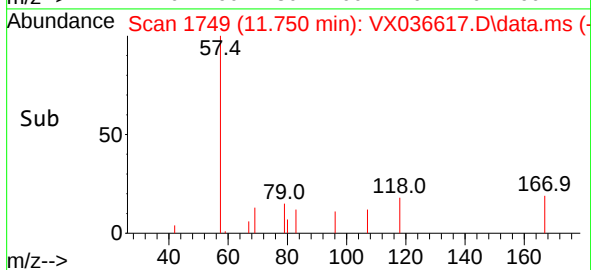
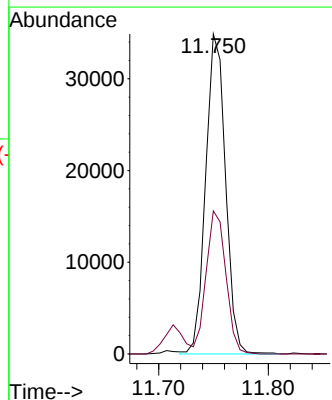
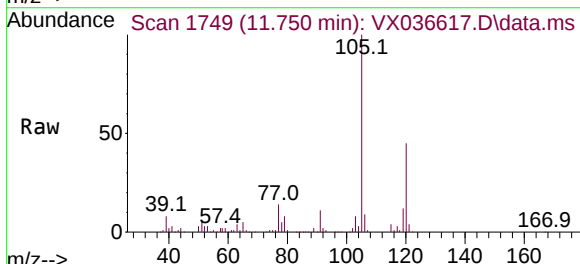
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT3-2023

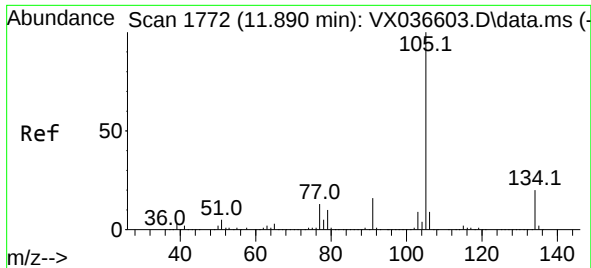
Tgt Ion:	119	Resp:	44012
Ion Ratio	Lower	Upper	
119	100		
91	61.1	31.2	93.6
134	23.3	11.7	35.0



#84
1,2,4-Trimethylbenzene
Concen: 4.893 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX036617.D
Acq: 21 Jul 2023 18:28

Tgt Ion:	105	Resp:	43794
Ion Ratio	Lower	Upper	
105	100		
120	44.4	21.2	63.6

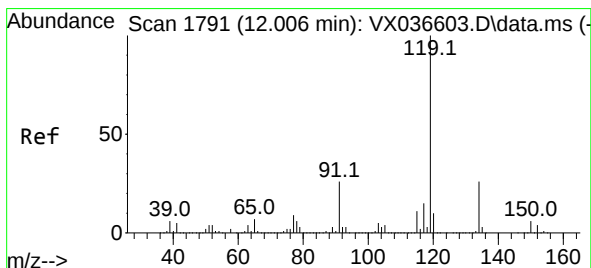
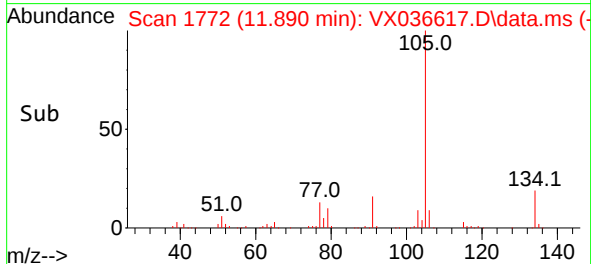
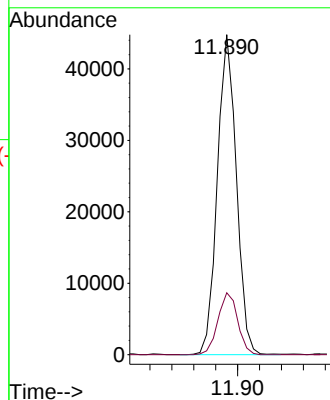
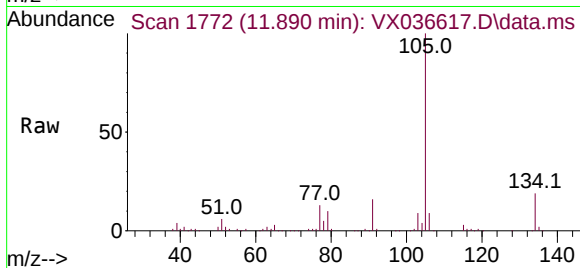




#85
 sec-Butylbenzene
 Concen: 4.931 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX036617.D
 Acq: 21 Jul 2023 18:28

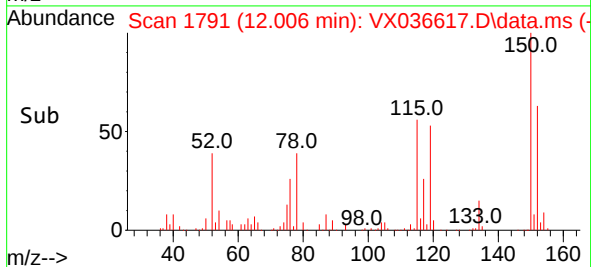
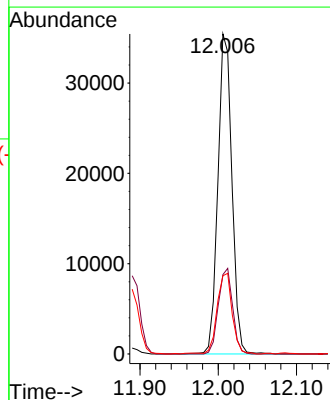
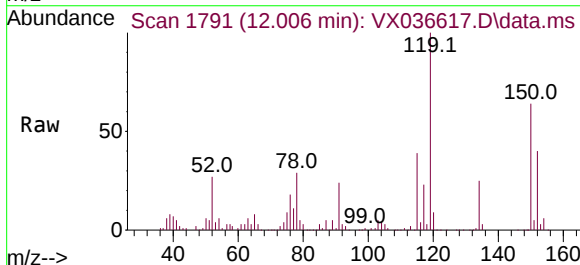
Instrument : MSVOA_X
 ClientSampleId : LOQ-WATER-02-QT3-2023

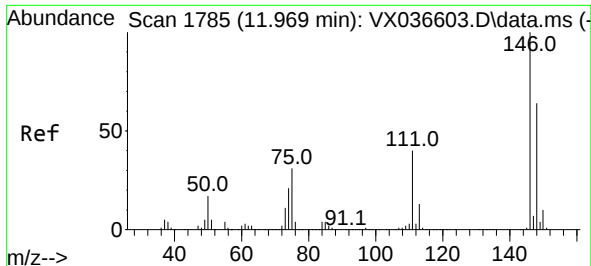
Tgt Ion:105 Resp: 54064
 Ion Ratio Lower Upper
 105 100
 134 20.1 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 4.886 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX036617.D
 Acq: 21 Jul 2023 18:28

Tgt Ion:119 Resp: 44087
 Ion Ratio Lower Upper
 119 100
 134 27.1 12.8 38.3
 91 27.2 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 4.887 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX036617.D

Acq: 21 Jul 2023 18:28

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT3-2023

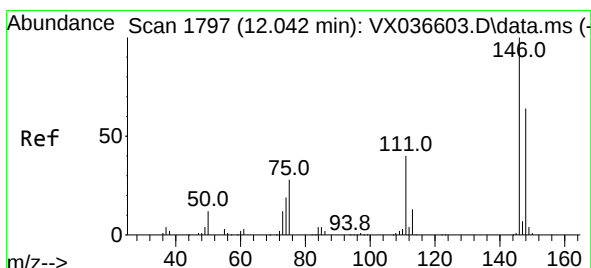
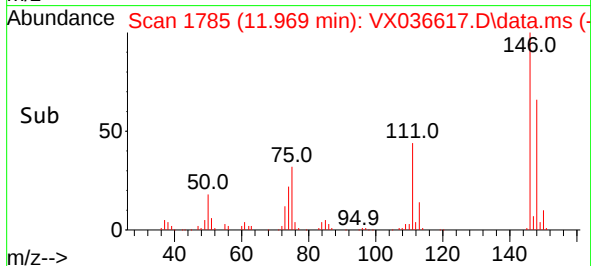
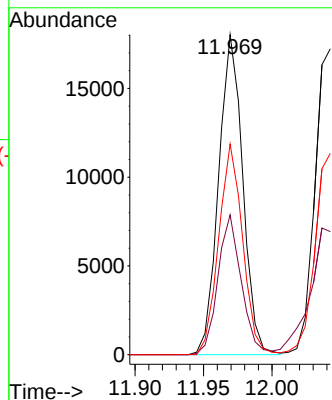
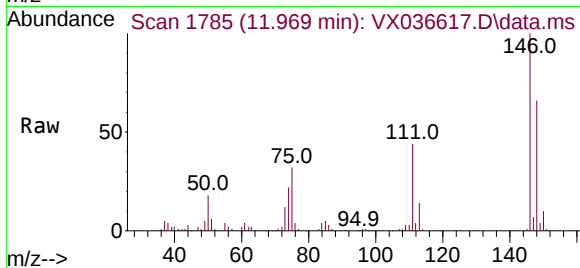
Tgt Ion:146 Resp: 22051

Ion Ratio Lower Upper

146 100

111 42.4 22.1 66.1

148 65.4 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 5.059 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX036617.D

Acq: 21 Jul 2023 18:28

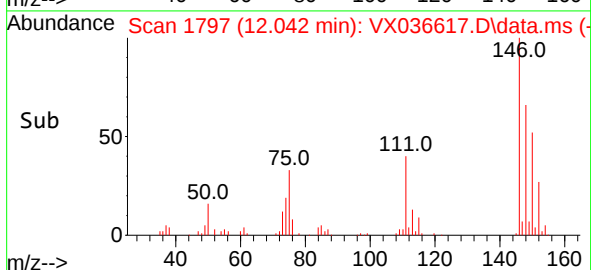
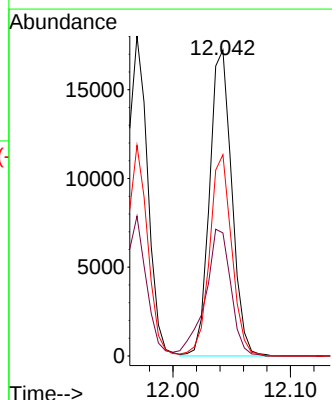
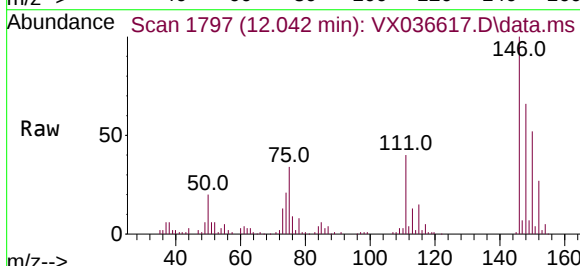
Tgt Ion:146 Resp: 22655

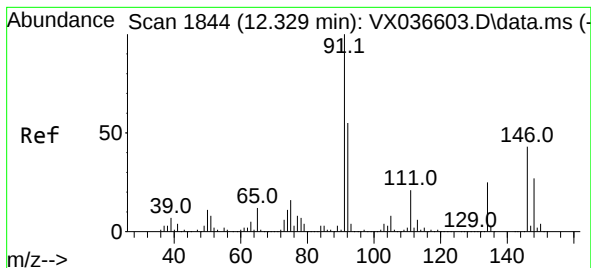
Ion Ratio Lower Upper

146 100

111 47.8 21.3 63.7

148 65.6 31.8 95.4





#89

n-Butylbenzene

Concen: 4.610 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.006 min

Lab File: VX036617.D

Acq: 21 Jul 2023 18:28

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT3-2023

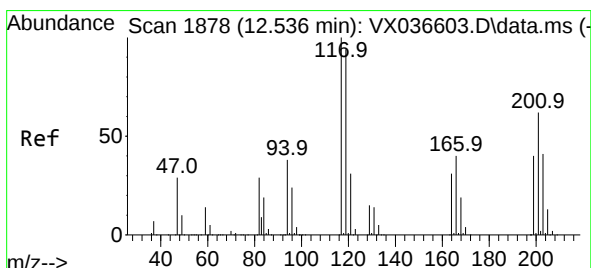
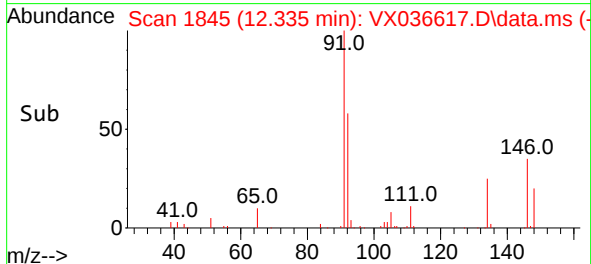
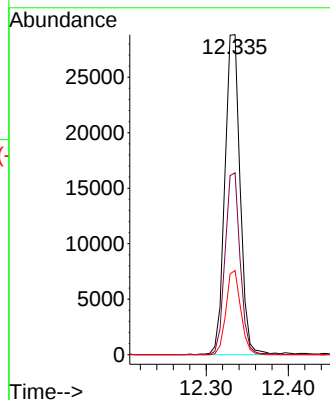
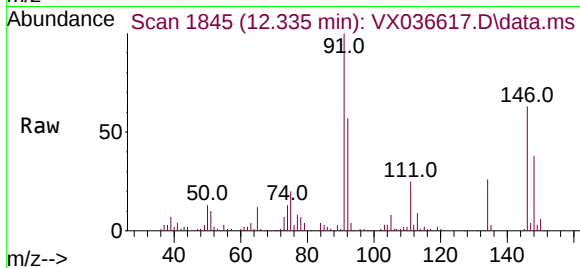
Tgt Ion: 91 Resp: 37234

Ion Ratio Lower Upper

91 100

92 56.0 27.4 82.0

134 25.4 12.6 37.8



#90

Hexachloroethane

Concen: 4.706 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. -0.000 min

Lab File: VX036617.D

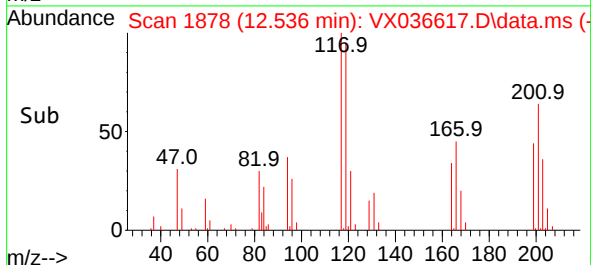
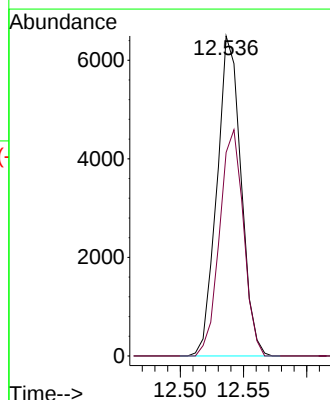
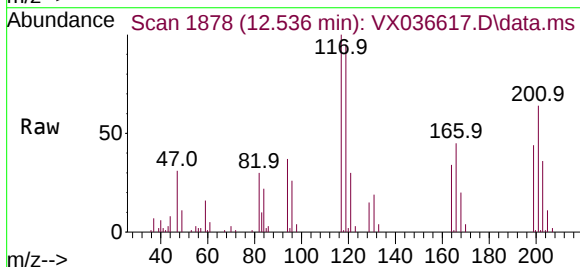
Acq: 21 Jul 2023 18:28

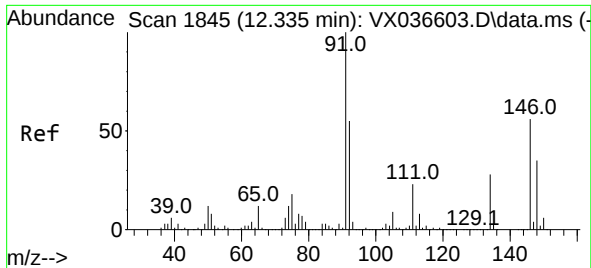
Tgt Ion: 117 Resp: 8608

Ion Ratio Lower Upper

117 100

201 70.1 32.9 98.6

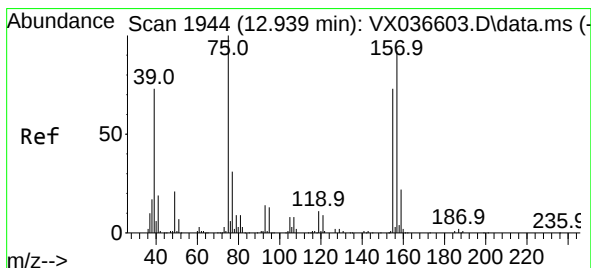
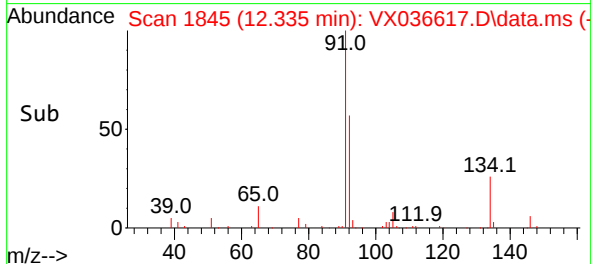
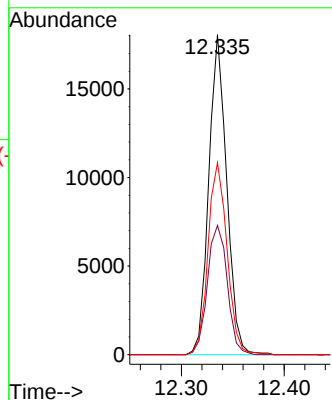
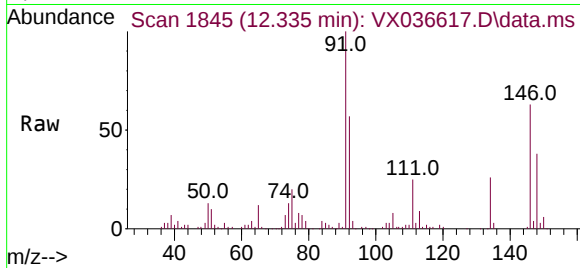




#91
1,2-Dichlorobenzene
Concen: 5.031 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX036617.D
Acq: 21 Jul 2023 18:28

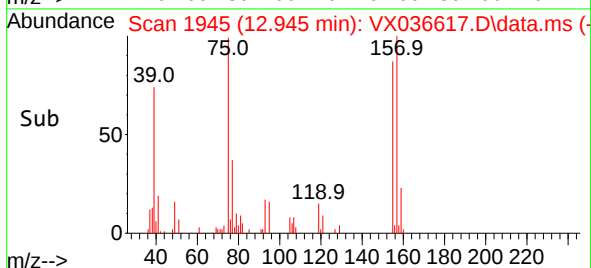
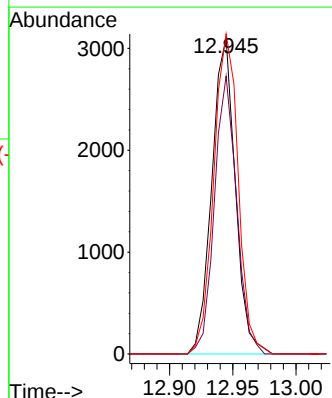
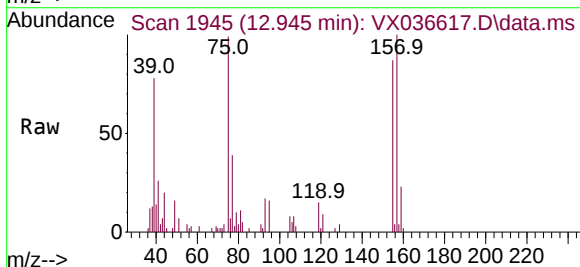
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT3-2023

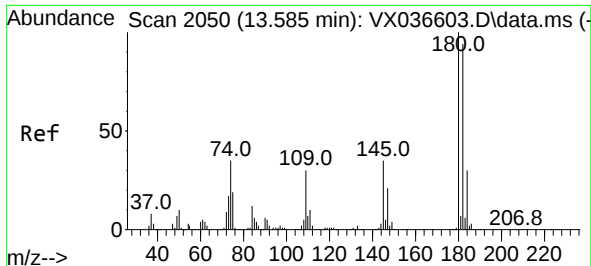
Tgt Ion:146 Resp: 21907
Ion Ratio Lower Upper
146 100
111 44.7 22.4 67.0
148 63.7 31.6 95.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 4.765 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX036617.D
Acq: 21 Jul 2023 18:28

Tgt Ion: 75 Resp: 4001
Ion Ratio Lower Upper
75 100
155 83.1 36.1 108.5
157 105.5 44.9 134.7

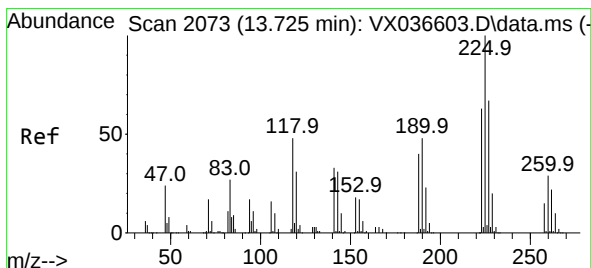
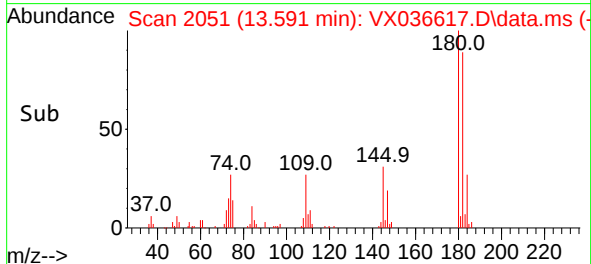
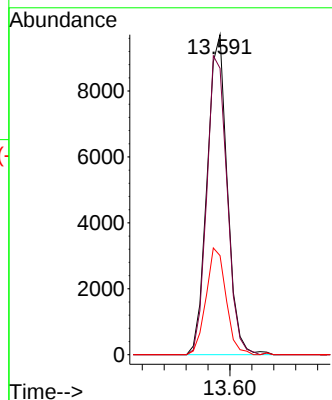
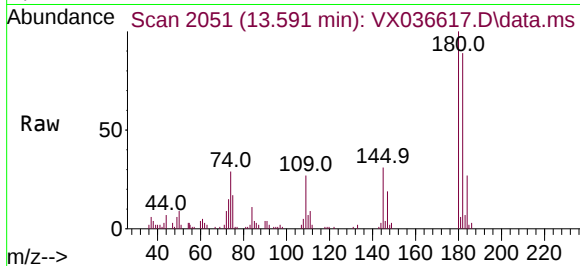




#93
1,2,4-Trichlorobenzene
Concen: 4.606 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX036617.D
Acq: 21 Jul 2023 18:28

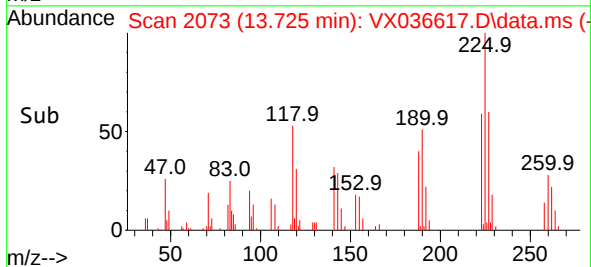
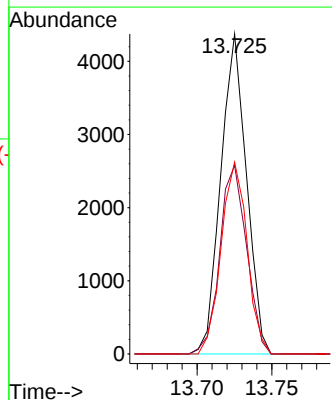
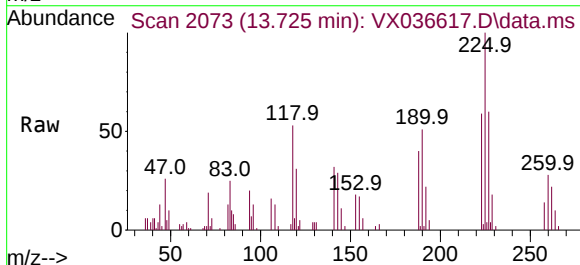
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MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT3-2023

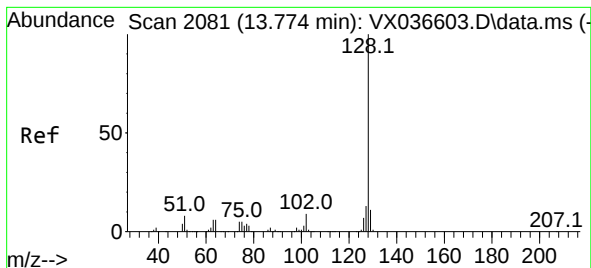
Tgt Ion:180 Resp: 12356
Ion Ratio Lower Upper
180 100
182 94.4 48.3 144.8
145 33.0 18.0 54.0



#94
Hexachlorobutadiene
Concen: 4.709 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX036617.D
Acq: 21 Jul 2023 18:28

Tgt Ion:225 Resp: 5227
Ion Ratio Lower Upper
225 100
223 61.6 31.1 93.2
227 60.6 32.5 97.5





#95

Naphthalene

Concen: 4.848 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX036617.D

Acq: 21 Jul 2023 18:28

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT3-2023

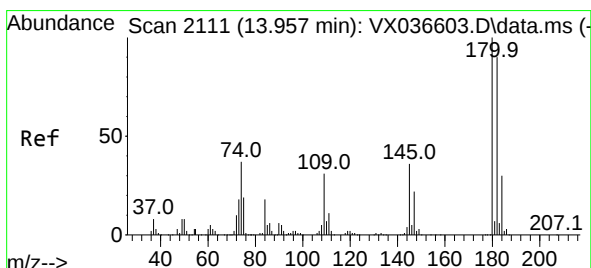
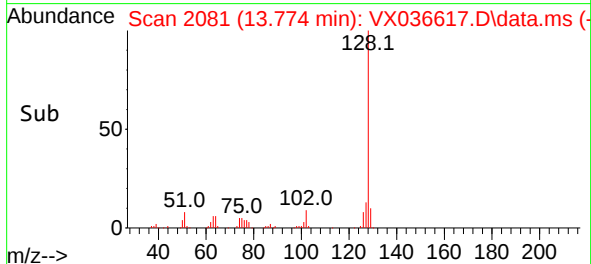
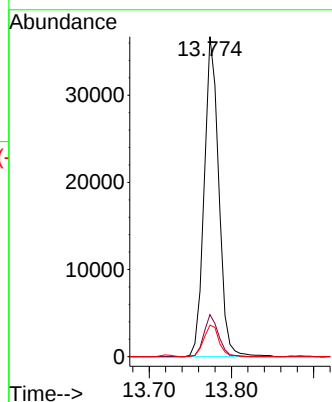
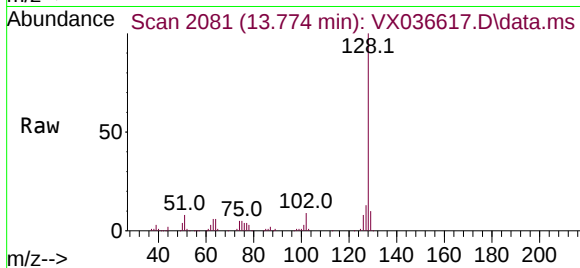
Tgt Ion:128 Resp: 45328

Ion Ratio Lower Upper

128 100

127 13.2 10.3 15.5

129 10.4 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 4.609 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.006 min

Lab File: VX036617.D

Acq: 21 Jul 2023 18:28

Tgt Ion:180 Resp: 12186

Ion Ratio Lower Upper

180 100

182 96.0 46.9 140.6

145 35.4 17.8 53.5

