

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051223\
 Data File : VX035645.D
 Acq On : 12 May 2023 18:01
 Operator : JC/MD
 Sample : 02213-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

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

Quant Time: May 15 02:00:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051123W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 11 13:57:54 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	201887	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	378063	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	333782	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	147838	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	160561	45.588	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.180%
35) Dibromofluoromethane	5.385	113	105793	41.493	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	82.980%
50) Toluene-d8	8.647	98	386408	41.024	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	82.040%#
62) 4-Bromofluorobenzene	11.079	95	152824	40.296	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	80.600%#
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	9944	3.779	ug/l	100
3) Chloromethane	1.294	50	13946	4.368	ug/l	97
4) Vinyl Chloride	1.374	62	11655	4.301	ug/l	99
5) Bromomethane	1.611	94	7415	5.053	ug/l	92
6) Chloroethane	1.691	64	7138	4.342	ug/l	96
7) Trichlorofluoromethane	1.886	101	16484	4.137	ug/l	91
8) Diethyl Ether	2.136	74	7292	4.753	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.325	101	9405	3.976	ug/l	98
10) Methyl Iodide	2.453	142	7904	3.736	ug/l	# 86
11) Tert butyl alcohol	3.020	59	14973	24.097	ug/l	# 79
12) 1,1-Dichloroethene	2.319	96	9502	4.226	ug/l	91
13) Acrolein	2.239	56	16629	22.548	ug/l	98
14) Allyl chloride	2.660	41	19277	4.002	ug/l	93
15) Acrylonitrile	3.069	53	35638	26.046	ug/l	98
16) Acetone	2.398	43	35550	23.485	ug/l	98
17) Carbon Disulfide	2.514	76	18662	3.439	ug/l	98
18) Methyl Acetate	2.709	43	26693	4.781	ug/l	96
19) Methyl tert-butyl Ether	3.111	73	42105	4.706	ug/l	97
20) Methylene Chloride	2.788	84	13085	4.770	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	10967	4.452	ug/l	95
22) Diisopropyl ether	3.764	45	43988	4.664	ug/l	91
23) Vinyl Acetate	3.721	43	150509	22.556	ug/l	97
24) 1,1-Dichloroethane	3.611	63	22734	4.507	ug/l	98
25) 2-Butanone	4.574	43	52622	25.112	ug/l	97
26) 2,2-Dichloropropane	4.477	77	15010	3.514	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	13633	4.603	ug/l	96
28) Bromochloromethane	4.910	49	10870	4.791	ug/l	96
29) Tetrahydrofuran	5.026	42	33487	25.425	ug/l	100
30) Chloroform	5.093	83	23263	4.501	ug/l	94
31) Cyclohexane	5.471	56	17713	3.981	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	18630	4.143	ug/l	96
36) 1,1-Dichloropropene	5.690	75	16356	4.064	ug/l	98
37) Ethyl Acetate	4.727	43	20243	4.822	ug/l	99
38) Carbon Tetrachloride	5.678	117	13935	3.655	ug/l	98
39) Methylcyclohexane	7.379	83	17864	3.771	ug/l	92
40) Benzene	6.031	78	49568	4.403	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	11866	4.761	ug/l	94
42) 1,2-Dichloroethane	6.092	62	21992	4.541	ug/l	92
43) Isopropyl Acetate	6.342	43	32382	4.424	ug/l	98
44) Trichloroethene	7.123	130	11847	4.150	ug/l	98
45) 1,2-Dichloropropane	7.434	63	12963	4.347	ug/l	90
46) Dibromomethane	7.580	93	8449	4.139	ug/l	95
47) Bromodichloromethane	7.824	83	15171	3.846	ug/l	96
48) Methyl methacrylate	7.696	41	16155	4.472	ug/l	97
49) 1,4-Dioxane	7.738	88	7190	92.361	ug/l #	73
51) 4-Methyl-2-Pentanone	8.574	43	102127	24.218	ug/l	97
52) Toluene	8.720	92	29767	4.188	ug/l	96
53) t-1,3-Dichloropropene	8.976	75	14553	3.395	ug/l	94
54) cis-1,3-Dichloropropene	8.366	75	17309	3.769	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	11586	4.151	ug/l	93
56) Ethyl methacrylate	9.116	69	19101	4.226	ug/l	94
57) 1,3-Dichloropropane	9.311	76	23097	4.564	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	55769	24.252	ug/l	98
59) 2-Hexanone	9.433	43	76379	24.050	ug/l	97
60) Dibromochloromethane	9.525	129	9382	3.526	ug/l	98
61) 1,2-Dibromoethane	9.610	107	12432	4.227	ug/l	100
64) Tetrachloroethene	9.275	164	9631	4.286	ug/l	96
65) Chlorobenzene	10.079	112	31958	4.386	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	9596	3.725	ug/l	97
67) Ethyl Benzene	10.195	91	56542	4.126	ug/l	98
68) m/p-Xylenes	10.299	106	43302	8.549	ug/l	98
69) o-Xylene	10.640	106	21219	4.222	ug/l	93
70) Styrene	10.653	104	33308	4.112	ug/l	97
71) Bromoform	10.799	173	5515	3.253	ug/l #	99
73) Isopropylbenzene	10.963	105	54618	4.384	ug/l	96
74) N-amyl acetate	10.842	43	25736	4.431	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	18500	4.578	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	18624	5.150	ug/l	85
77) Bromobenzene	11.195	156	12798	4.526	ug/l	93
78) n-propylbenzene	11.305	91	61706	4.214	ug/l	97
79) 2-Chlorotoluene	11.366	91	40316	4.397	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	45723	4.318	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	3282	2.925	ug/l #	58
82) 4-Chlorotoluene	11.457	91	45797	4.337	ug/l	99
83) tert-Butylbenzene	11.713	119	42150	4.095	ug/l	92
84) 1,2,4-Trimethylbenzene	11.750	105	45653	4.294	ug/l	96
85) sec-Butylbenzene	11.890	105	52147	4.035	ug/l	100
86) p-Isopropyltoluene	12.006	119	42964	4.044	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	23368	4.350	ug/l	96
88) 1,4-Dichlorobenzene	12.043	146	24092	4.442	ug/l	93
89) n-Butylbenzene	12.329	91	34991	3.621	ug/l	98
90) Hexachloroethane	12.536	117	5470	3.397	ug/l	92
91) 1,2-Dichlorobenzene	12.335	146	22513	4.280	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.939	75	3746	4.163	ug/l	85
93) 1,2,4-Trichlorobenzene	13.591	180	13345	4.214	ug/l	97
94) Hexachlorobutadiene	13.725	225	4527	3.601	ug/l	99
95) Naphthalene	13.774	128	48764	4.496	ug/l	98
96) 1,2,3-Trichlorobenzene	13.963	180	12980	4.167	ug/l	99

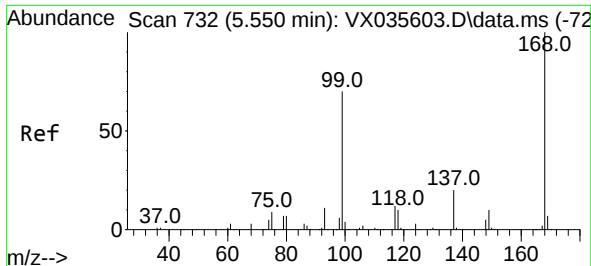
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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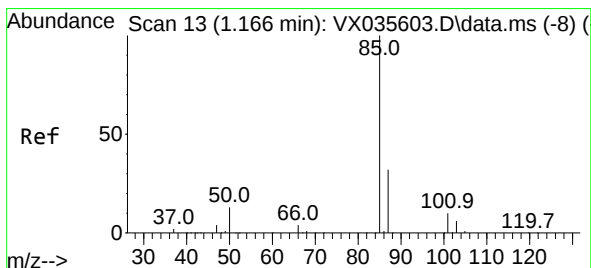
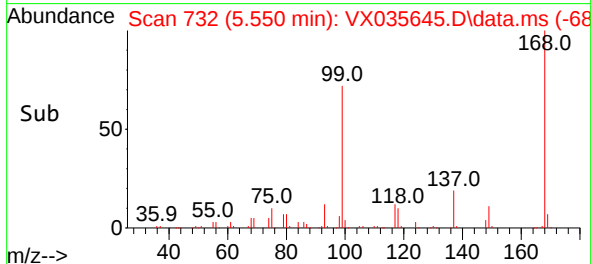
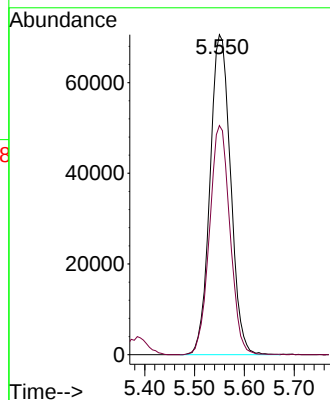
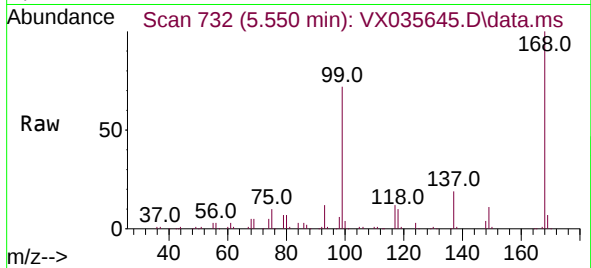
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
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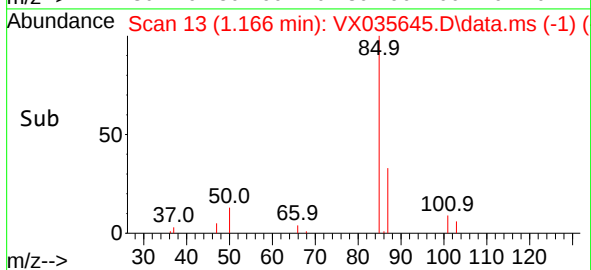
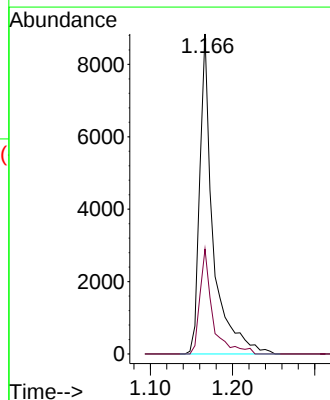
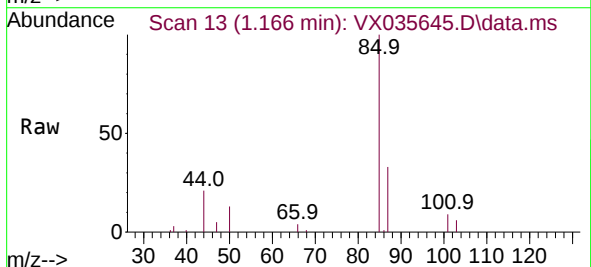
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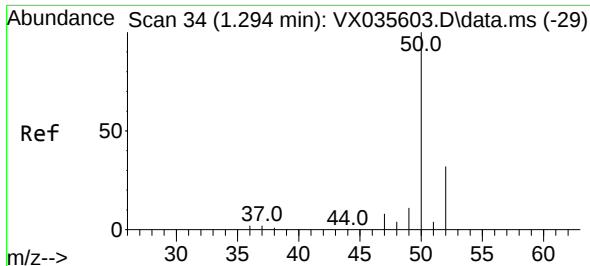
Tgt Ion:168 Resp: 201887
Ion Ratio Lower Upper
168 100
99 71.6 45.7 68.5#



#2
Dichlorodifluoromethane
Concen: 3.779 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX035645.D
Acq: 12 May 2023 18:01

Tgt Ion: 85 Resp: 9944
Ion Ratio Lower Upper
85 100
87 32.8 16.4 49.1

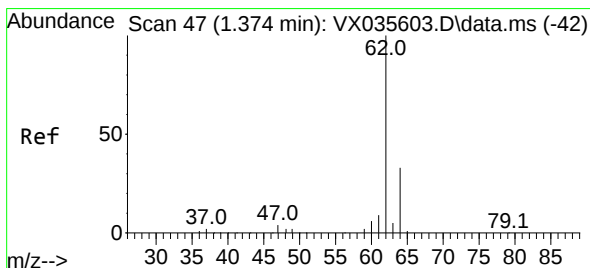
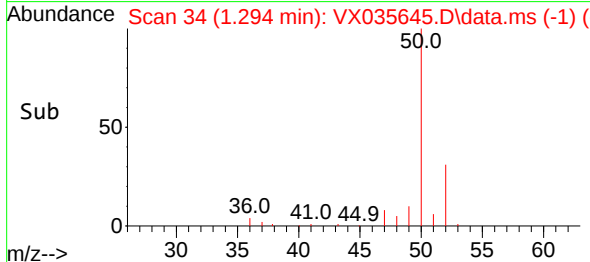
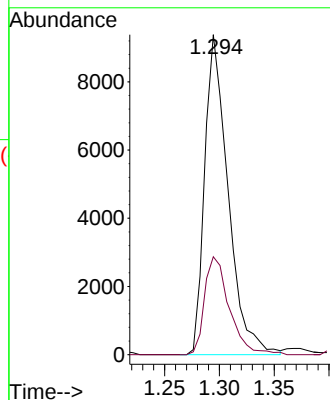
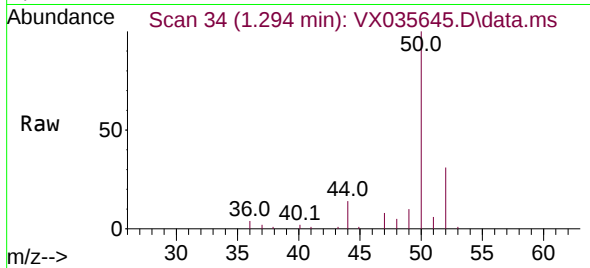




#3
Chloromethane
Concen: 4.368 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX035645.D
Acq: 12 May 2023 18:01

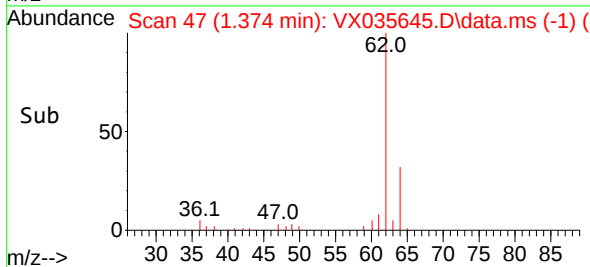
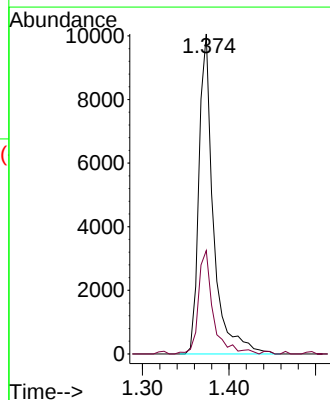
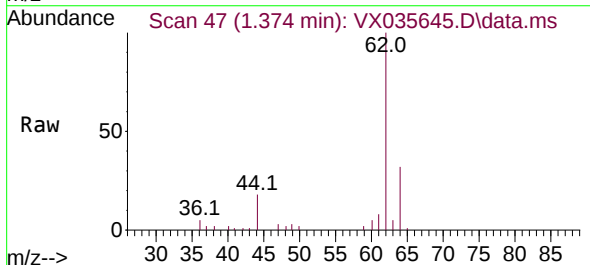
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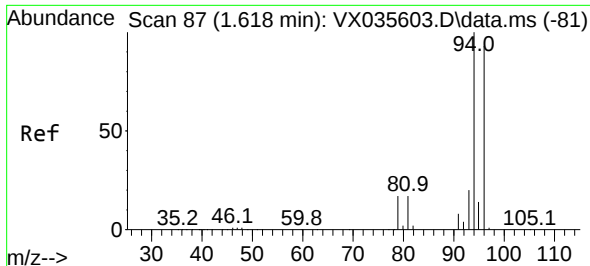
Tgt Ion: 50 Resp: 13946
Ion Ratio Lower Upper
50 100
52 30.6 25.9 38.9



#4
Vinyl Chloride
Concen: 4.301 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX035645.D
Acq: 12 May 2023 18:01

Tgt Ion: 62 Resp: 11655
Ion Ratio Lower Upper
62 100
64 32.3 26.4 39.6

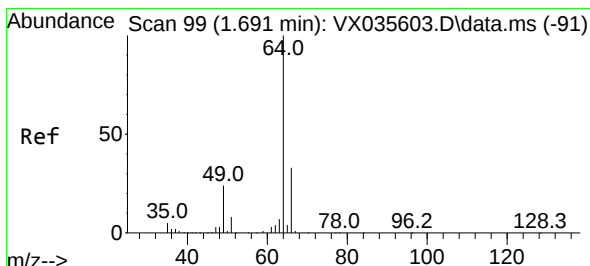
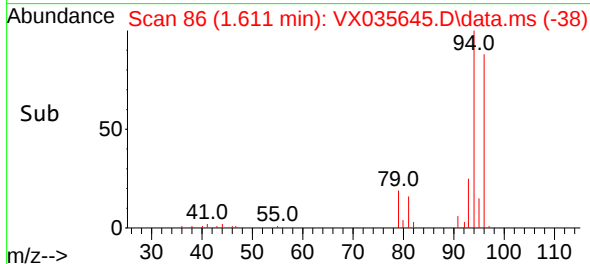
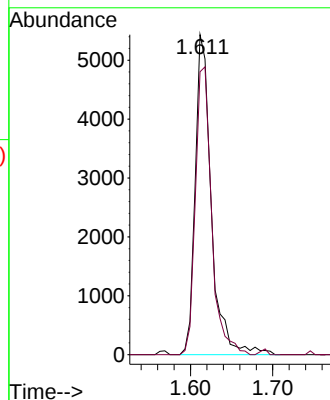
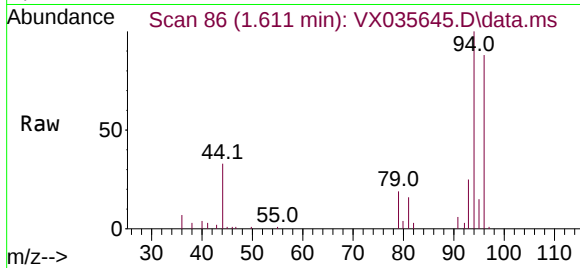




#5
Bromomethane
Concen: 5.053 ug/l
RT: 1.611 min Scan# 80
Delta R.T. -0.007 min
Lab File: VX035645.D
Acq: 12 May 2023 18:01

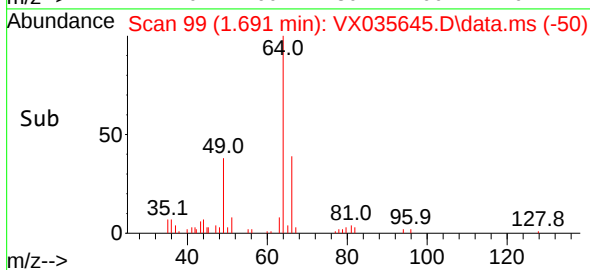
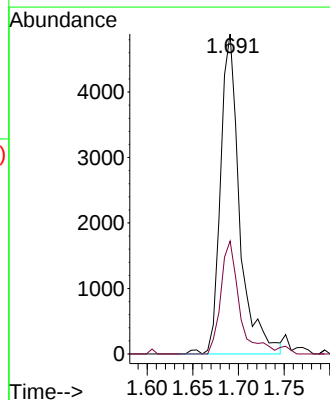
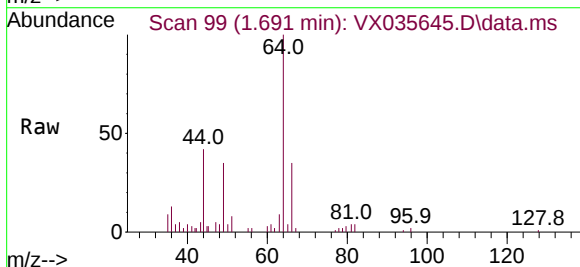
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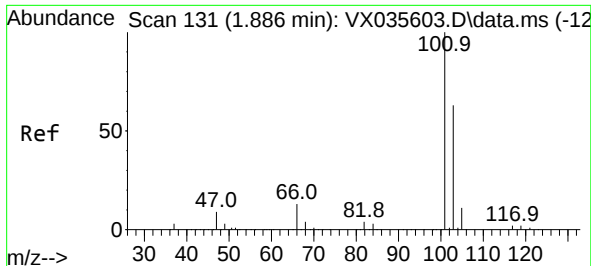
Tgt Ion: 94 Resp: 7415
Ion Ratio Lower Upper
94 100
96 88.4 77.0 115.6



#6
Chloroethane
Concen: 4.342 ug/l
RT: 1.691 min Scan# 99
Delta R.T. -0.000 min
Lab File: VX035645.D
Acq: 12 May 2023 18:01

Tgt Ion: 64 Resp: 7138
Ion Ratio Lower Upper
64 100
66 35.3 26.2 39.4

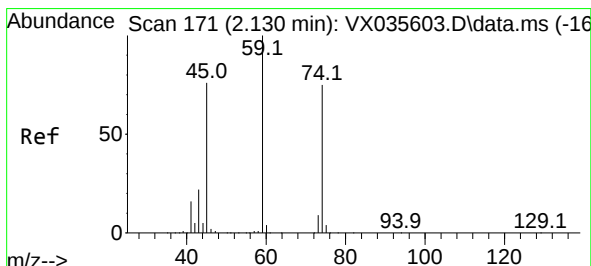
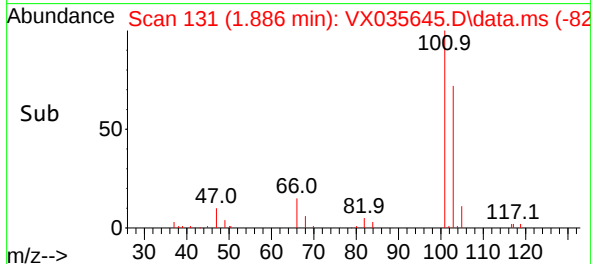
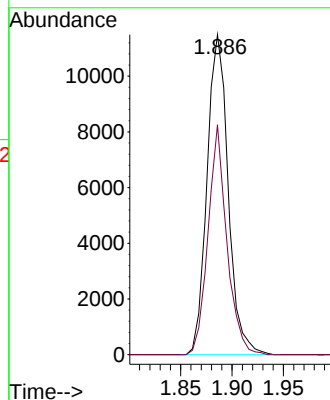
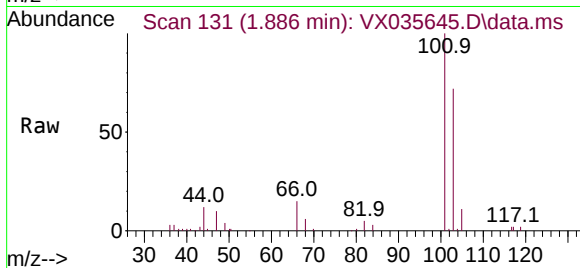




#7
 Trichlorofluoromethane
 Concen: 4.137 ug/l
 RT: 1.886 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX035645.D
 Acq: 12 May 2023 18:01

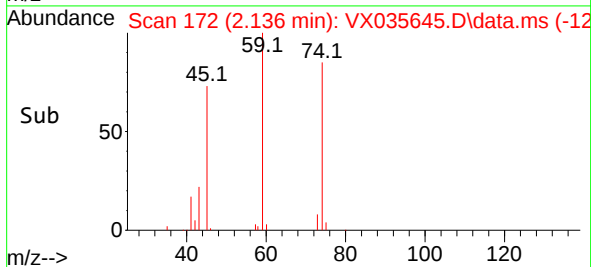
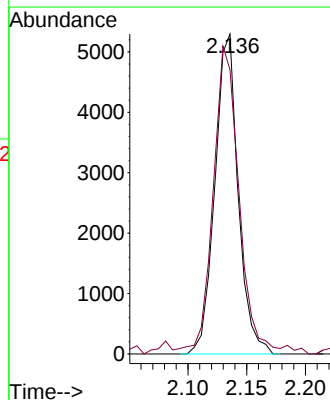
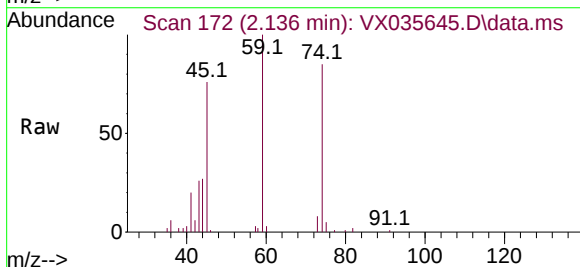
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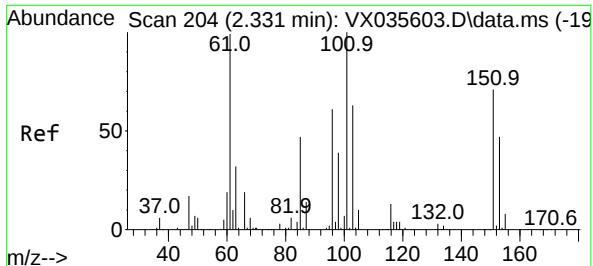
Tgt Ion:101 Resp: 16484
 Ion Ratio Lower Upper
 101 100
 103 71.8 52.0 78.0



#8
 Diethyl Ether
 Concen: 4.753 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. 0.006 min
 Lab File: VX035645.D
 Acq: 12 May 2023 18:01

Tgt Ion: 74 Resp: 7292
 Ion Ratio Lower Upper
 74 100
 45 102.4 49.8 149.3

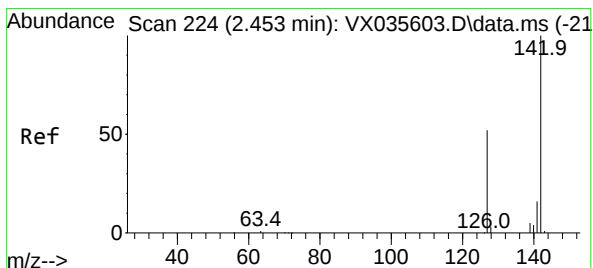
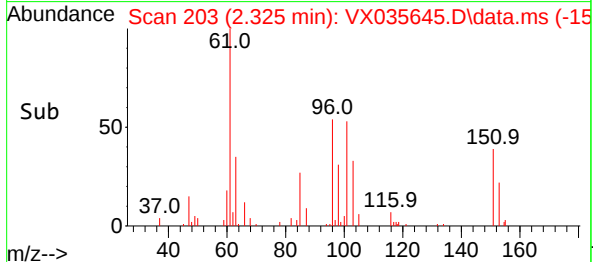
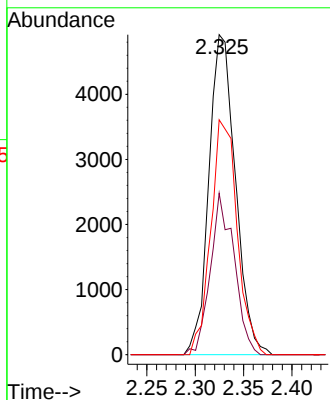
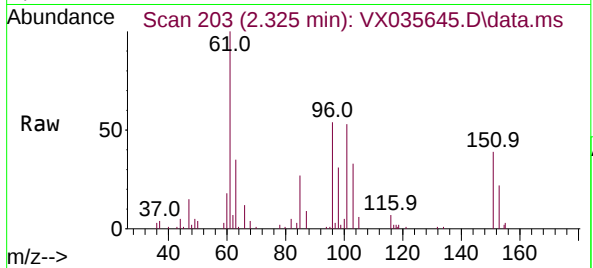




#9
1,1,2-Trichlorotrifluoroethane
Concen: 3.976 ug/l
RT: 2.325 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX035645.D
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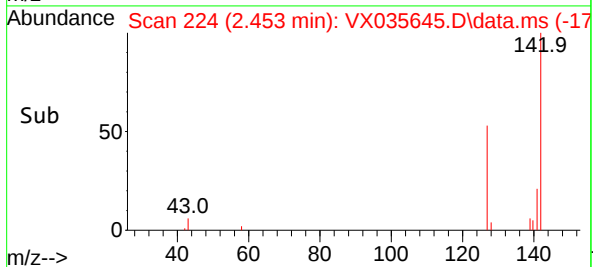
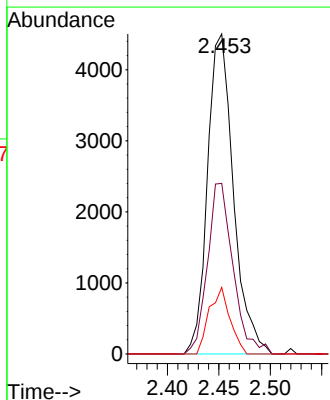
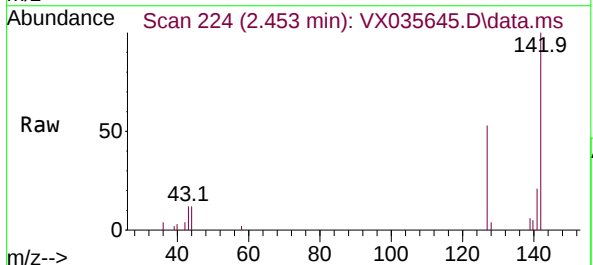
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2023

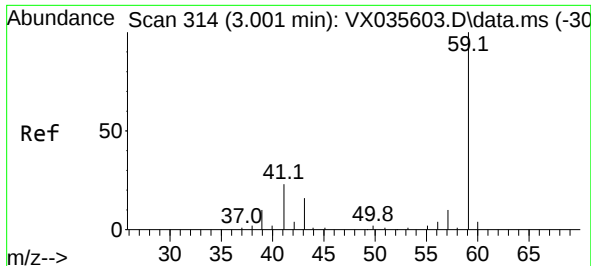
Tgt Ion:101 Resp: 9405
Ion Ratio Lower Upper
101 100
85 45.1 35.4 53.2
151 72.9 60.2 90.4



#10
Methyl Iodide
Concen: 3.736 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX035645.D
Acq: 12 May 2023 18:01

Tgt Ion:142 Resp: 7904
Ion Ratio Lower Upper
142 100
127 52.6 34.0 51.0#
141 16.6 11.1 16.7





#11

Tert butyl alcohol

Concen: 24.097 ug/l

RT: 3.020 min Scan# 314

Delta R.T. 0.019 min

Lab File: VX035645.D

Acq: 12 May 2023 18:01

Instrument :

MSVOA_X

ClientSampleId :

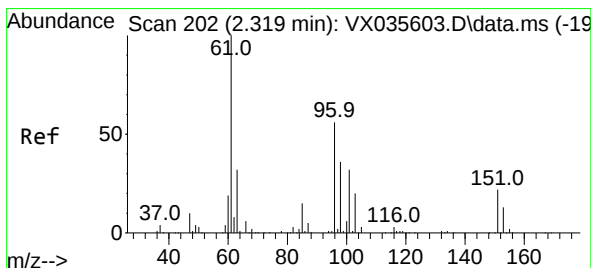
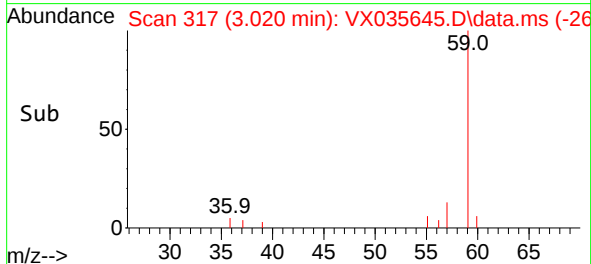
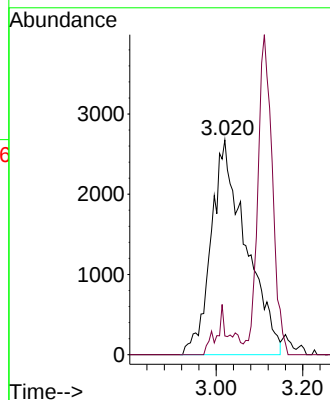
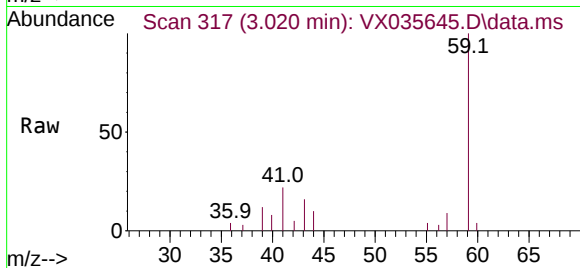
LOQ-WATER-02-QT2-2023

Tgt Ion: 59 Resp: 14973

Ion Ratio Lower Upper

59 100

57 2.2 8.1 12.1#



#12

1,1-Dichloroethene

Concen: 4.226 ug/l

RT: 2.319 min Scan# 202

Delta R.T. -0.000 min

Lab File: VX035645.D

Acq: 12 May 2023 18:01

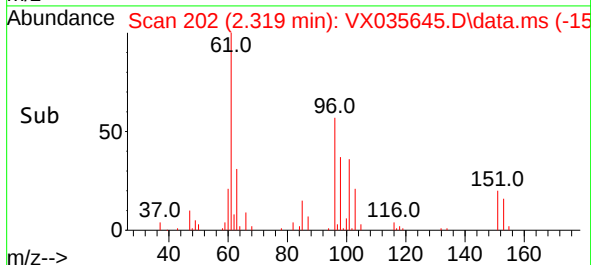
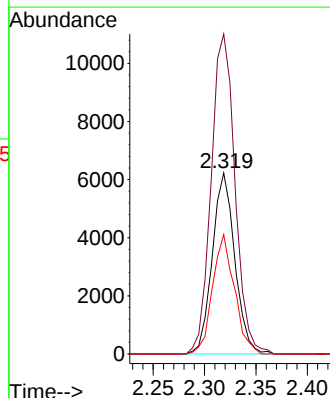
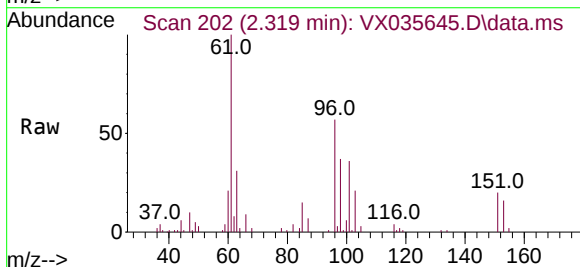
Tgt Ion: 96 Resp: 9502

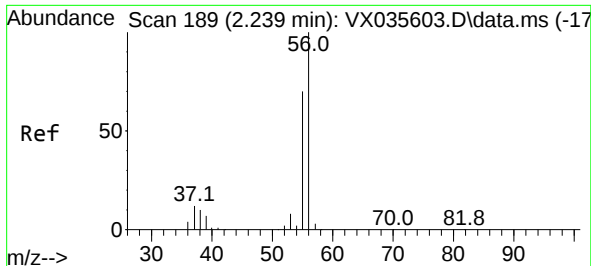
Ion Ratio Lower Upper

96 100

61 176.8 128.8 193.2

98 66.0 51.4 77.0

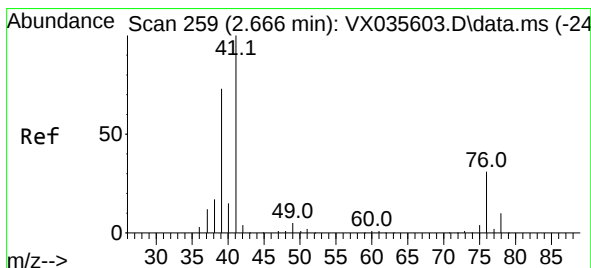
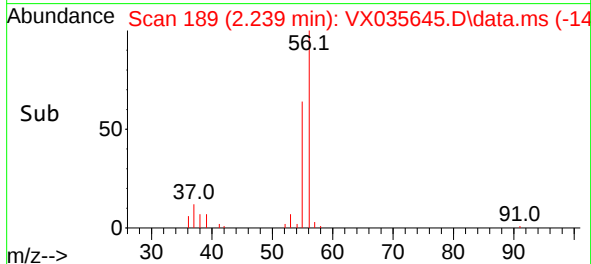
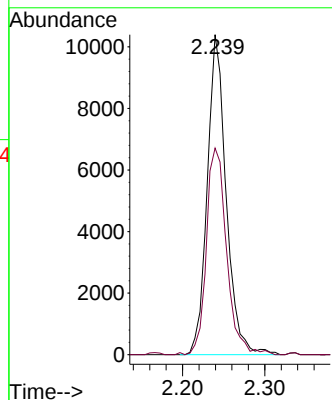
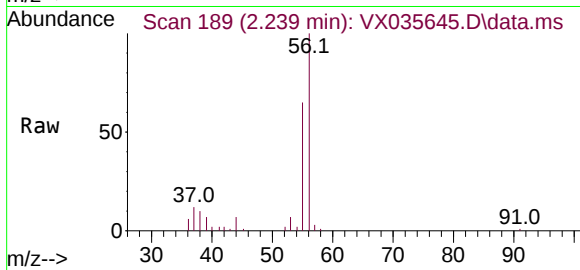




#13
Acrolein
Concen: 22.548 ug/l
RT: 2.239 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX035645.D
Acq: 12 May 2023 18:01

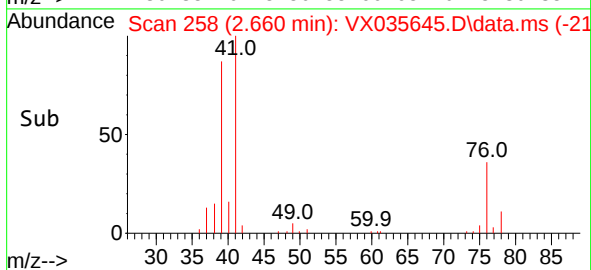
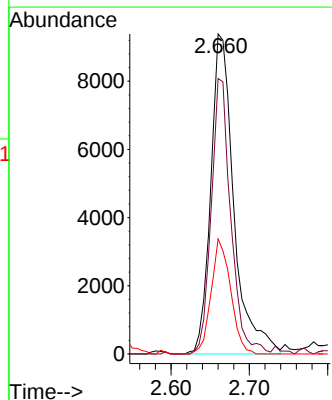
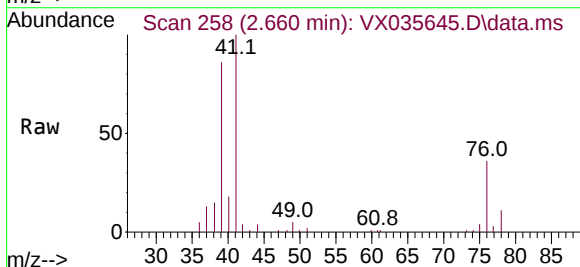
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2023

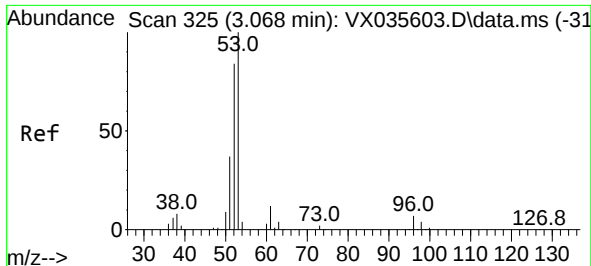
Tgt Ion: 56 Resp: 16629
Ion Ratio Lower Upper
56 100
55 68.9 56.6 85.0



#14
Allyl chloride
Concen: 4.002 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX035645.D
Acq: 12 May 2023 18:01

Tgt Ion: 41 Resp: 19277
Ion Ratio Lower Upper
41 100
39 72.8 52.4 78.6
76 30.3 26.0 39.0

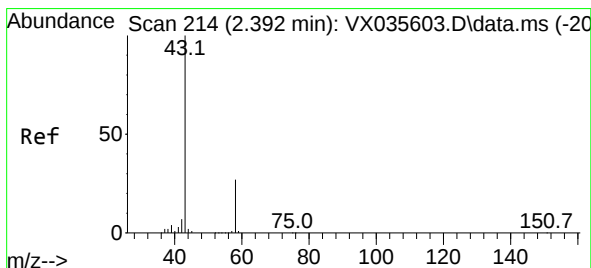
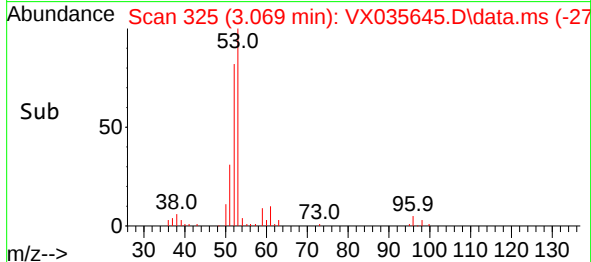
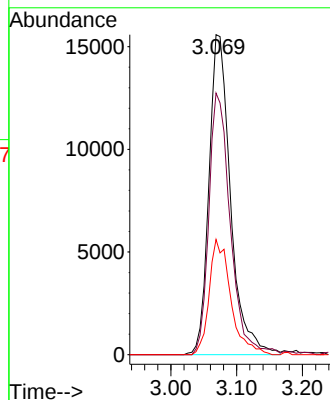
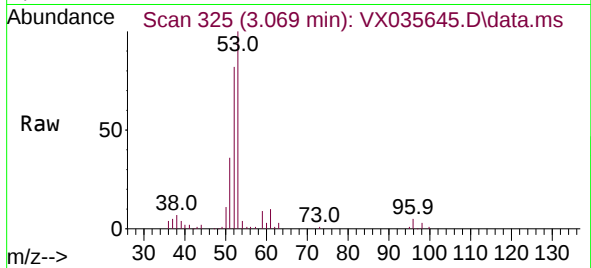




#15
Acrylonitrile
Concen: 26.046 ug/l
RT: 3.069 min Scan# 31
Delta R.T. 0.001 min
Lab File: VX035645.D
Acq: 12 May 2023 18:01

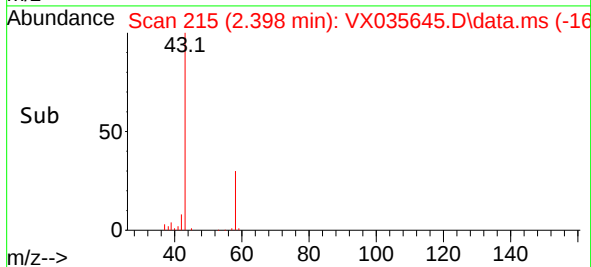
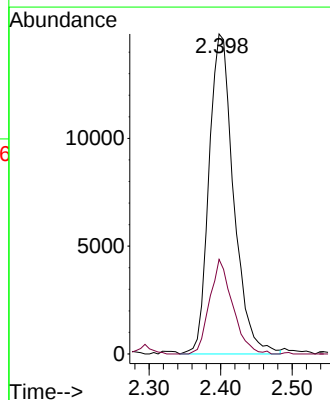
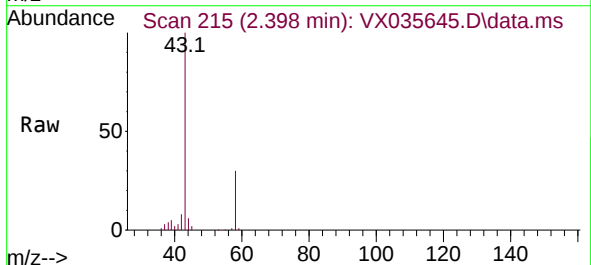
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2023

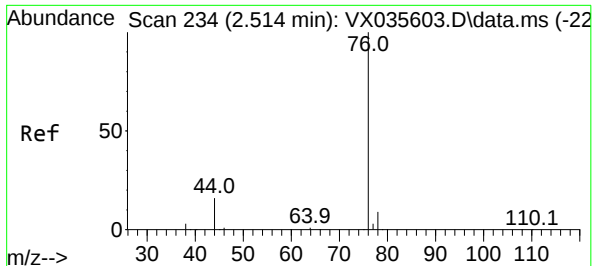
Tgt Ion: 53 Resp: 35638
Ion Ratio Lower Upper
53 100
52 81.0 66.2 99.2
51 36.0 28.3 42.5



#16
Acetone
Concen: 23.485 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.006 min
Lab File: VX035645.D
Acq: 12 May 2023 18:01

Tgt Ion: 43 Resp: 35550
Ion Ratio Lower Upper
43 100
58 29.5 24.7 37.1

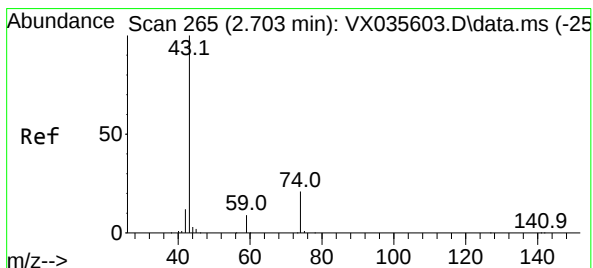
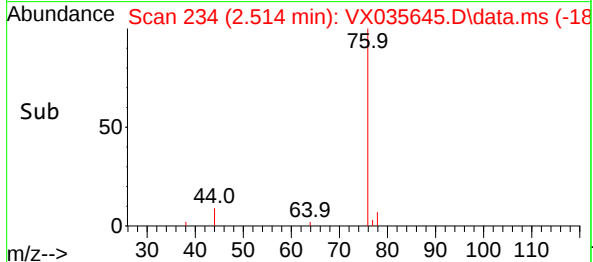
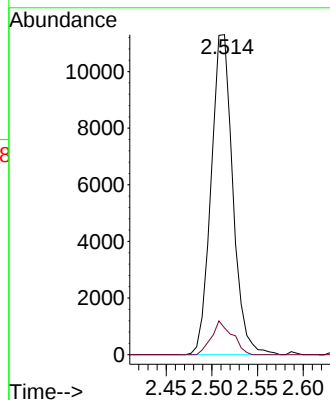
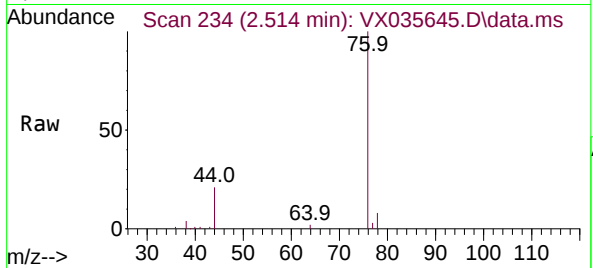




#17
Carbon Disulfide
Concen: 3.439 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX035645.D
Acq: 12 May 2023 18:01

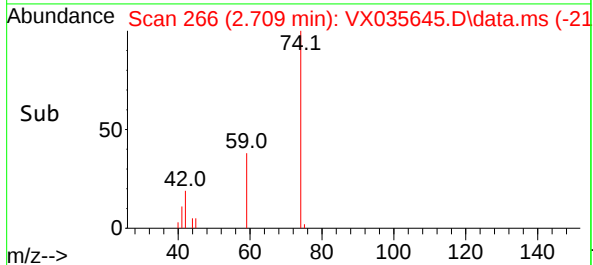
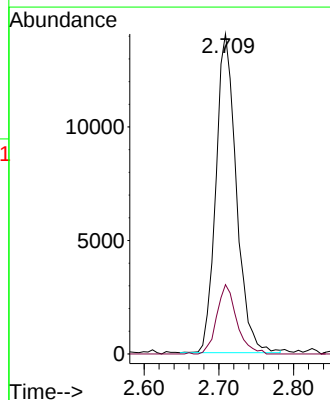
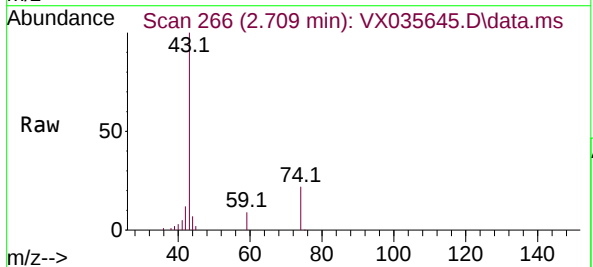
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT2-2023

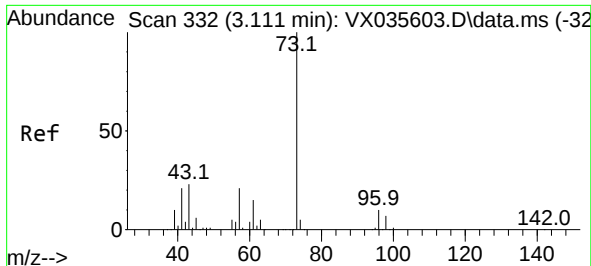
Tgt Ion: 76 Resp: 18662
Ion Ratio Lower Upper
76 100
78 8.4 7.2 10.8



#18
Methyl Acetate
Concen: 4.781 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX035645.D
Acq: 12 May 2023 18:01

Tgt Ion: 43 Resp: 26693
Ion Ratio Lower Upper
43 100
74 21.1 18.3 27.5

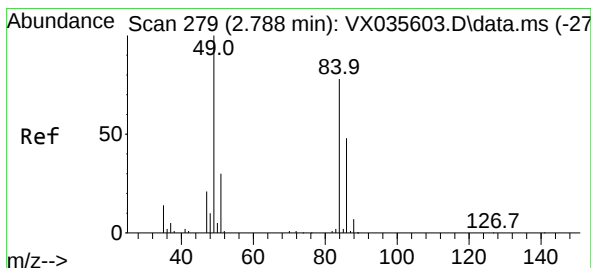
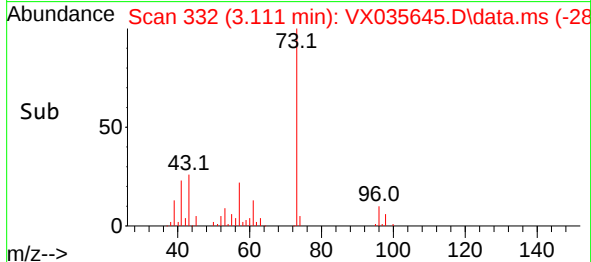
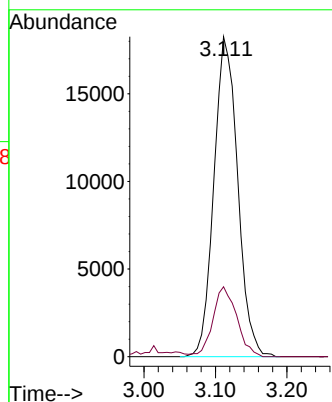
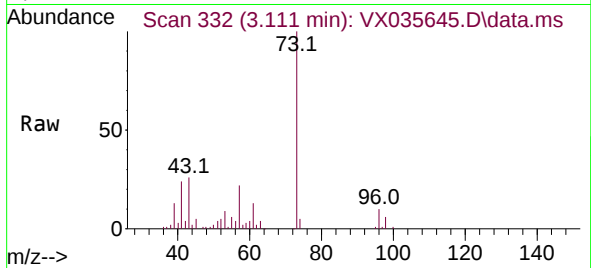




#19
Methyl tert-butyl Ether
Concen: 4.706 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX035645.D
Acq: 12 May 2023 18:01

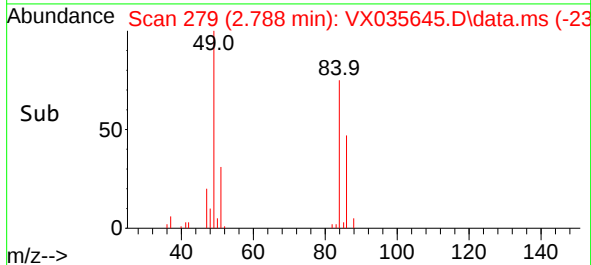
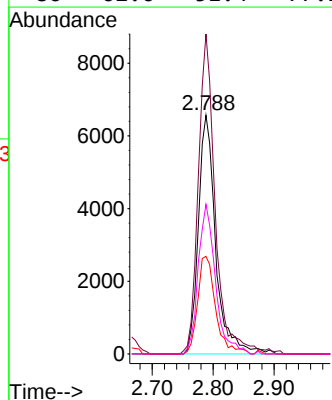
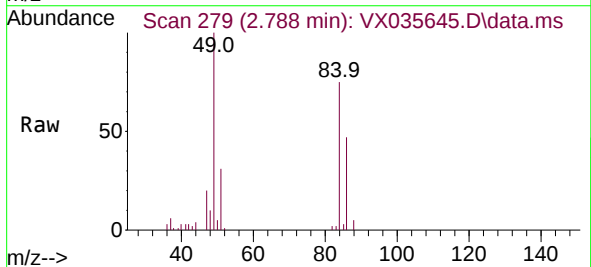
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2023

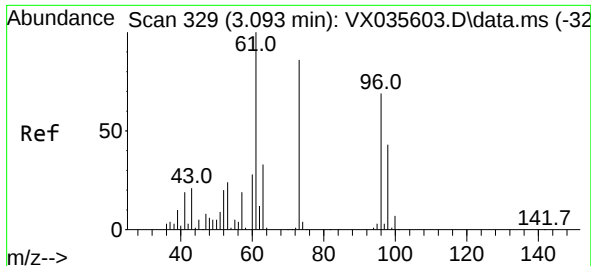
Tgt Ion: 73 Resp: 42105
Ion Ratio Lower Upper
73 100
57 21.8 18.5 27.7



#20
Methylene Chloride
Concen: 4.770 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX035645.D
Acq: 12 May 2023 18:01

Tgt Ion: 84 Resp: 13085
Ion Ratio Lower Upper
84 100
49 134.1 103.8 155.8
51 40.9 31.8 47.8
86 62.6 51.4 77.2

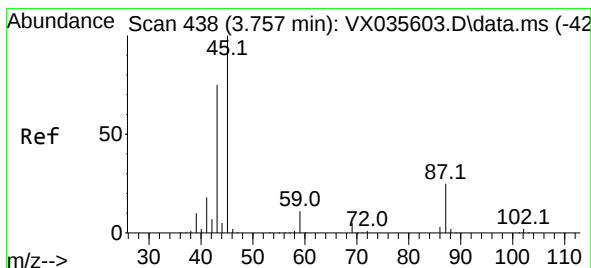
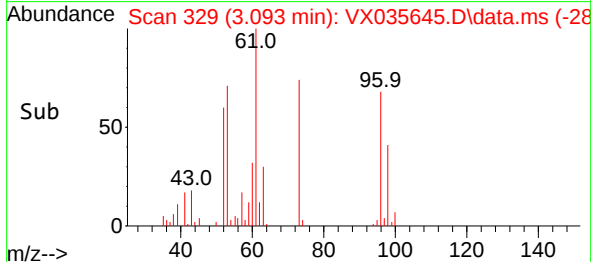
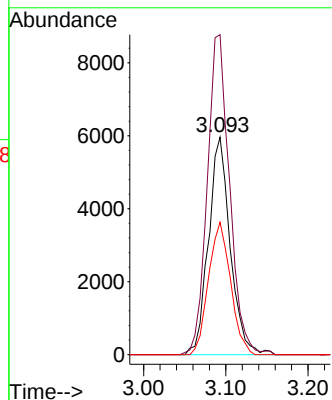
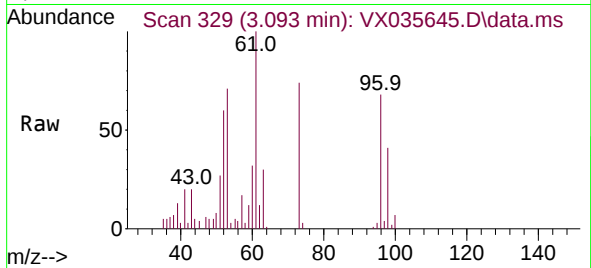




#21
trans-1,2-Dichloroethene
Concen: 4.452 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX035645.D
Acq: 12 May 2023 18:01

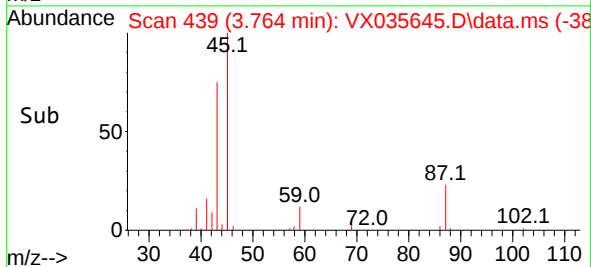
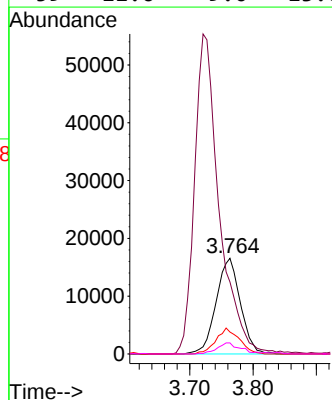
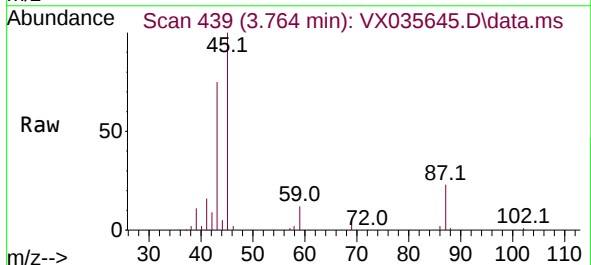
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2023

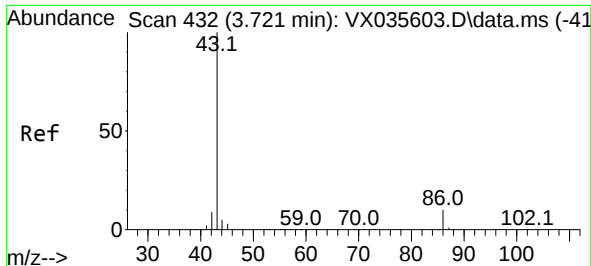
Tgt Ion: 96 Resp: 10967
Ion Ratio Lower Upper
96 100
61 147.1 113.0 169.6
98 60.9 52.1 78.1



#22
Diisopropyl ether
Concen: 4.664 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.007 min
Lab File: VX035645.D
Acq: 12 May 2023 18:01

Tgt Ion: 45 Resp: 43988
Ion Ratio Lower Upper
45 100
43 72.3 65.4 98.2
87 22.9 20.6 31.0
59 11.6 9.0 13.6

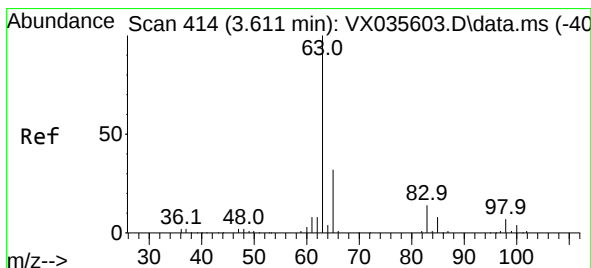
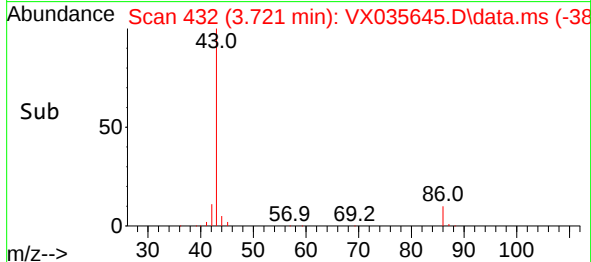
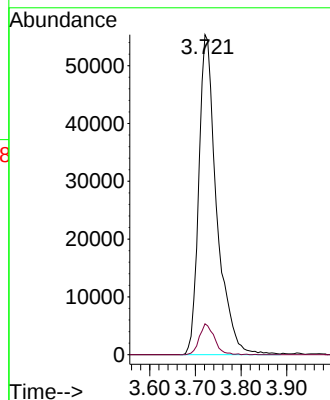
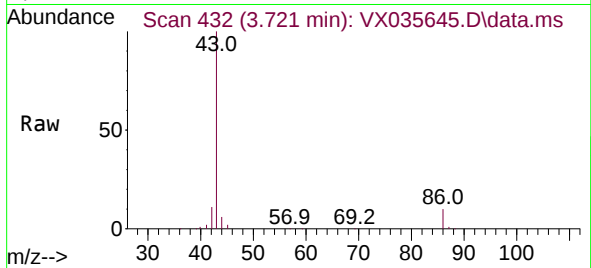




#23
 Vinyl Acetate
 Concen: 22.556 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX035645.D
 Acq: 12 May 2023 18:01

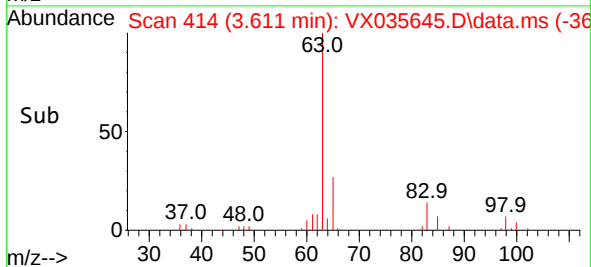
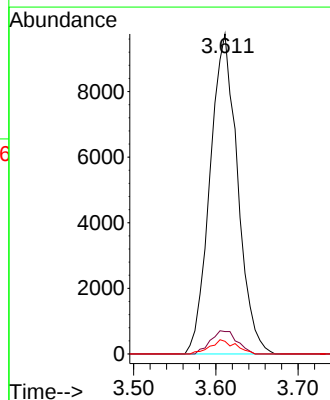
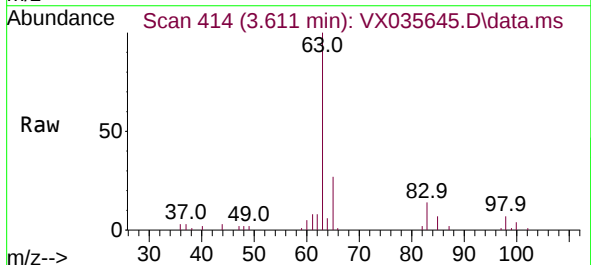
Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT2-2023

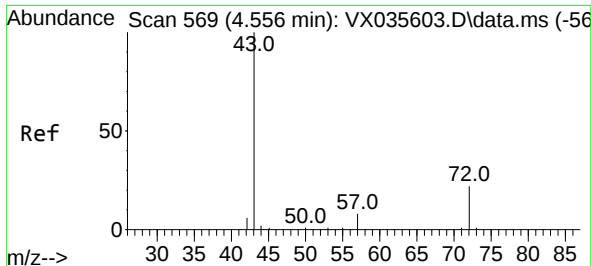
Tgt Ion: 43 Resp: 150509
 Ion Ratio Lower Upper
 43 100
 86 9.6 8.5 12.7



#24
 1,1-Dichloroethane
 Concen: 4.507 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX035645.D
 Acq: 12 May 2023 18:01

Tgt Ion: 63 Resp: 22734
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.8 11.2
 100 3.9 2.4 7.1

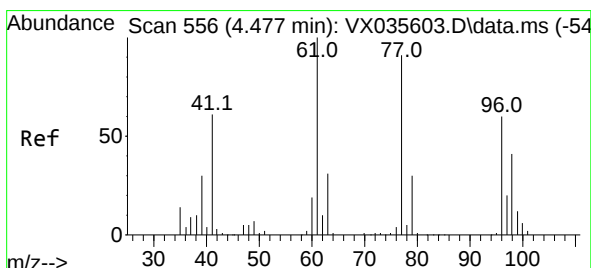
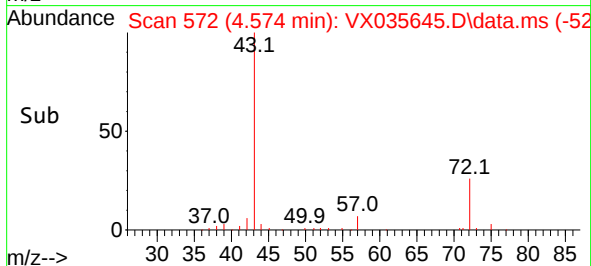
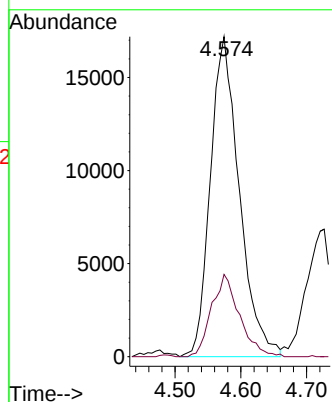
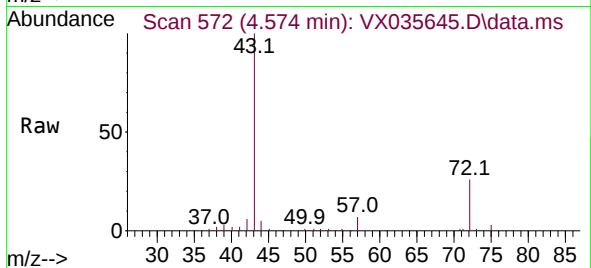




#25
2-Butanone
Concen: 25.112 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.018 min
Lab File: VX035645.D
Acq: 12 May 2023 18:01

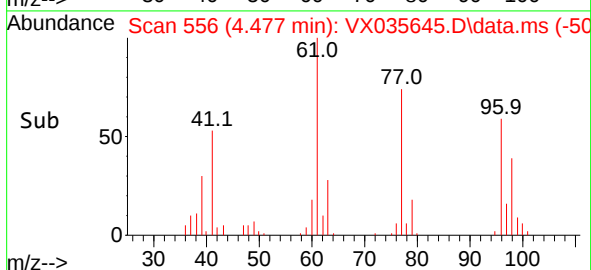
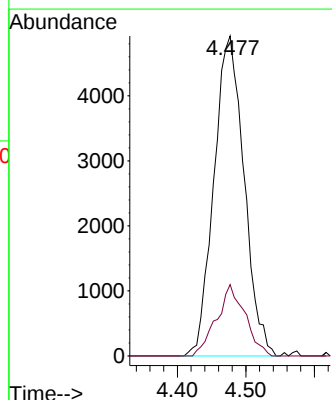
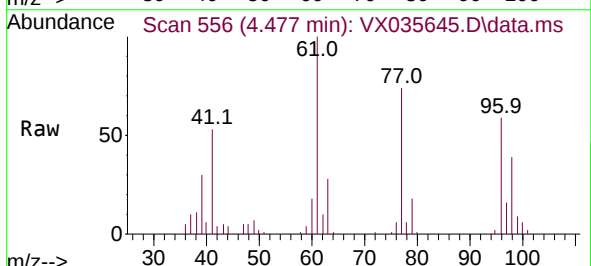
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2023

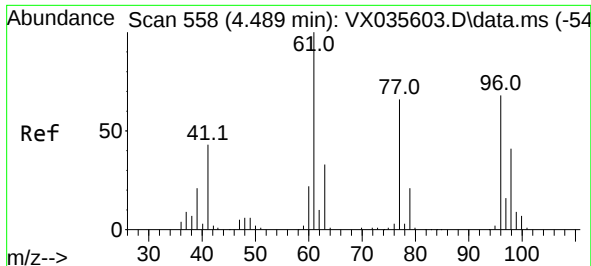
Tgt Ion: 43 Resp: 52622
Ion Ratio Lower Upper
43 100
72 25.7 19.3 28.9



#26
2,2-Dichloropropane
Concen: 3.514 ug/l
RT: 4.477 min Scan# 556
Delta R.T. -0.000 min
Lab File: VX035645.D
Acq: 12 May 2023 18:01

Tgt Ion: 77 Resp: 15010
Ion Ratio Lower Upper
77 100
97 21.1 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 4.603 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX035645.D

Acq: 12 May 2023 18:01

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2023

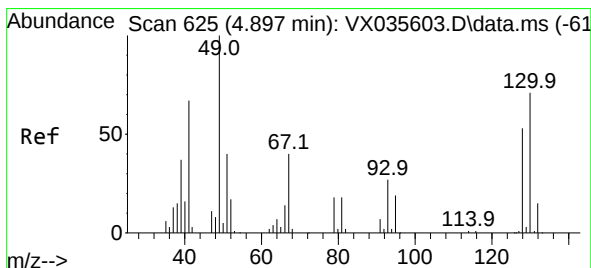
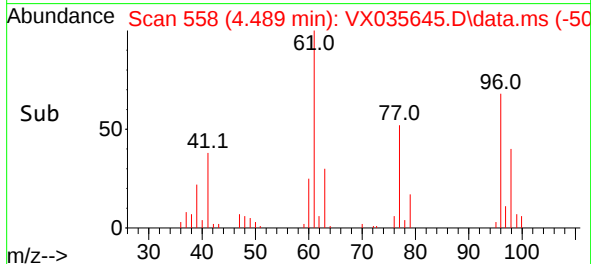
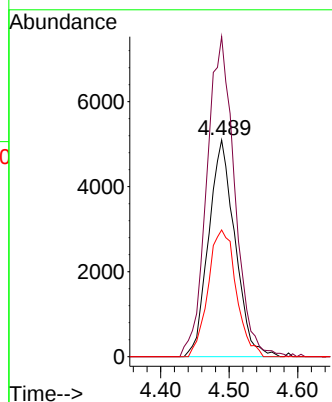
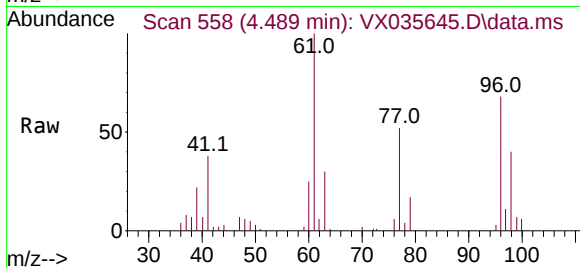
Tgt Ion: 96 Resp: 13633

Ion Ratio Lower Upper

96 100

61 156.0 0.0 300.4

98 62.1 0.0 129.0



#28

Bromochloromethane

Concen: 4.791 ug/l

RT: 4.910 min Scan# 627

Delta R.T. 0.013 min

Lab File: VX035645.D

Acq: 12 May 2023 18:01

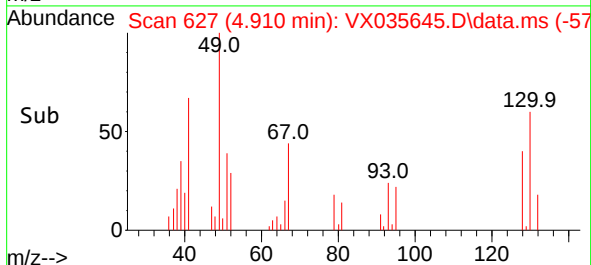
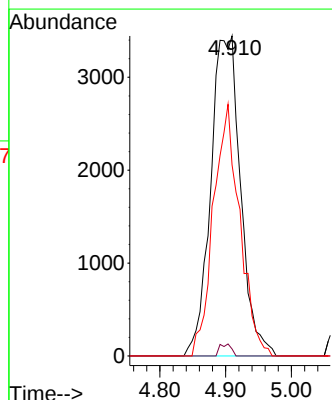
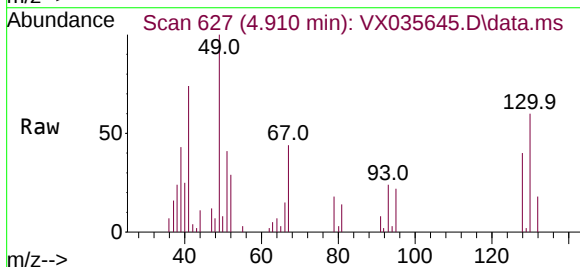
Tgt Ion: 49 Resp: 10870

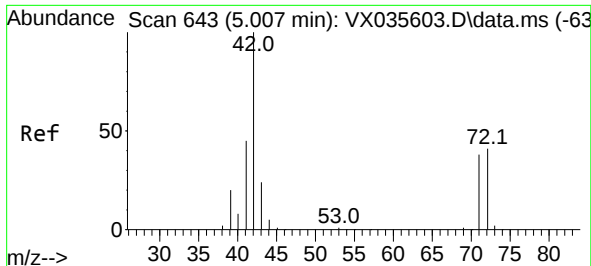
Ion Ratio Lower Upper

49 100

129 1.5 0.0 4.0

130 69.6 58.2 87.2





#29

Tetrahydrofuran

Concen: 25.425 ug/l

RT: 5.026 min Scan# 64

Delta R.T. 0.019 min

Lab File: VX035645.D

Acq: 12 May 2023 18:01

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2023

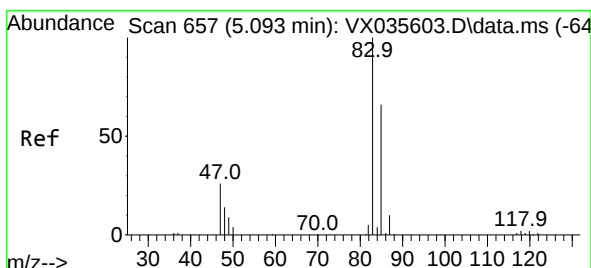
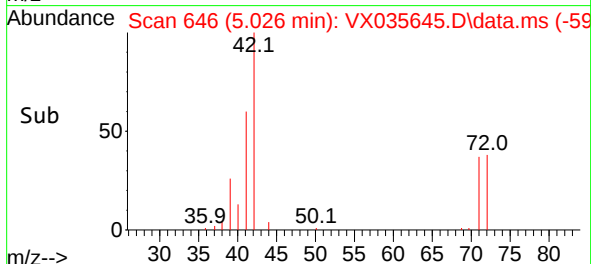
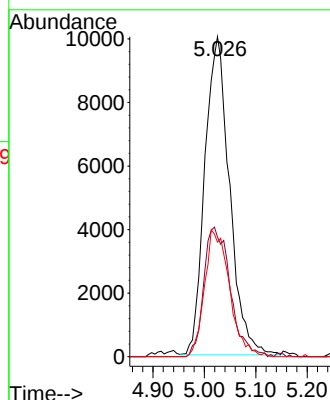
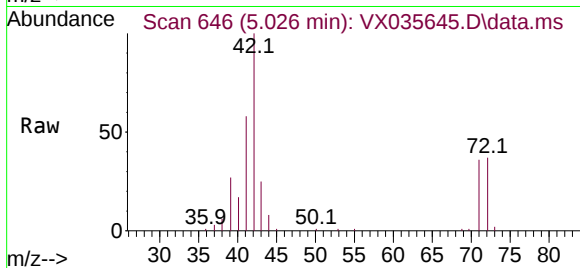
Tgt Ion: 42 Resp: 33487

Ion Ratio Lower Upper

42 100

72 43.2 34.5 51.7

71 40.2 32.1 48.1



#30

Chloroform

Concen: 4.501 ug/l

RT: 5.093 min Scan# 657

Delta R.T. -0.000 min

Lab File: VX035645.D

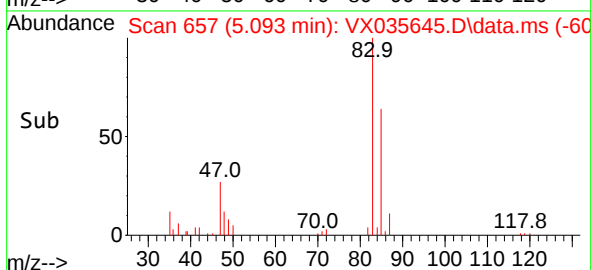
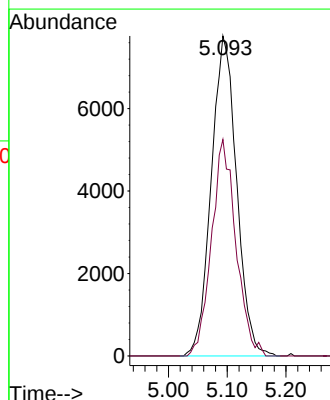
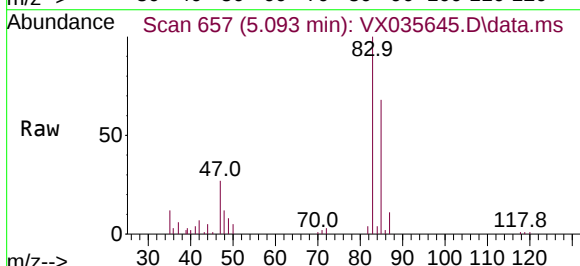
Acq: 12 May 2023 18:01

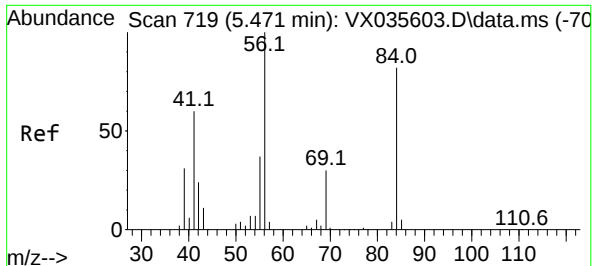
Tgt Ion: 83 Resp: 23263

Ion Ratio Lower Upper

83 100

85 67.6 50.6 76.0

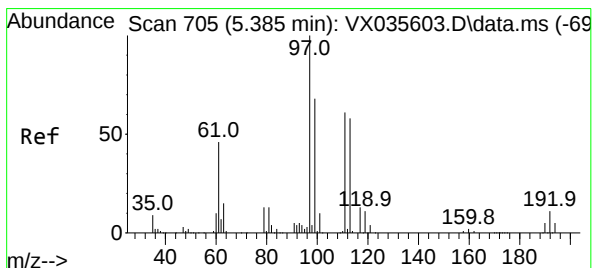
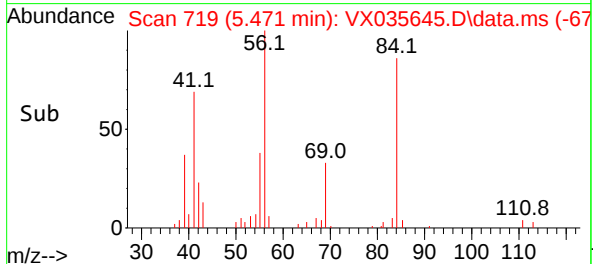
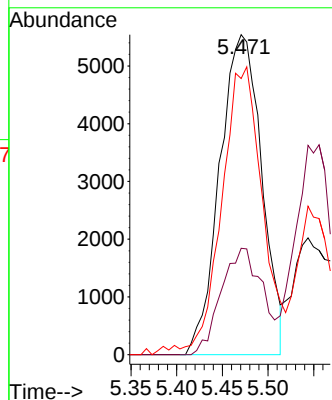
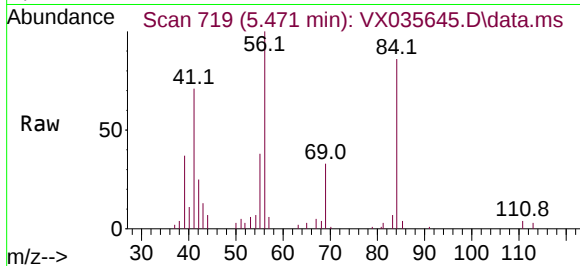




#31
Cyclohexane
Concen: 3.981 ug/l
RT: 5.471 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX035645.D
Acq: 12 May 2023 18:01

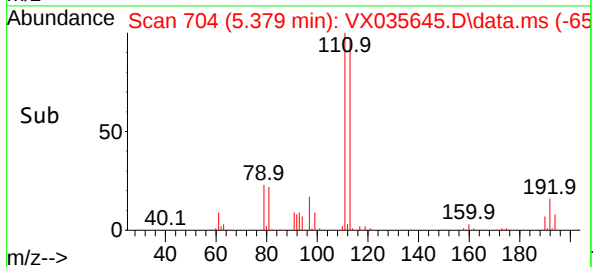
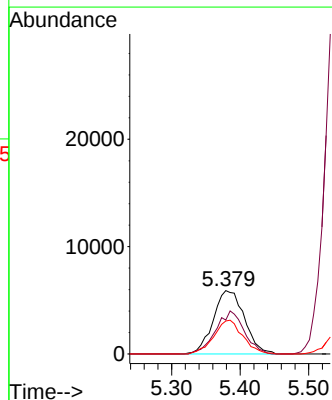
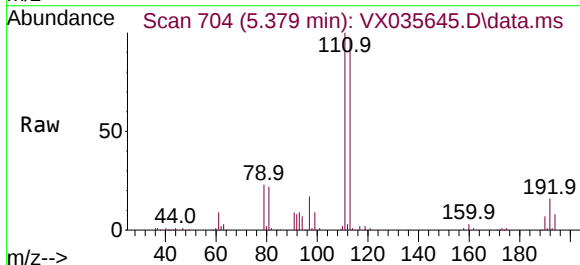
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2023

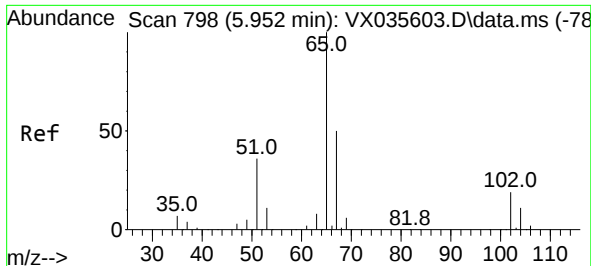
Tgt Ion: 56	Resp: 17713
Ion Ratio	Lower Upper
56 100	
69 33.2	23.7 35.5
84 84.5	68.5 102.7



#32
1,1,1-Trichloroethane
Concen: 4.143 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX035645.D
Acq: 12 May 2023 18:01

Tgt Ion: 97	Resp: 18630
Ion Ratio	Lower Upper
97 100	
99 61.9	51.1 76.7
61 49.3	36.5 54.7

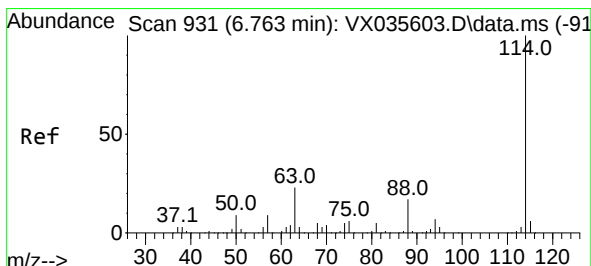
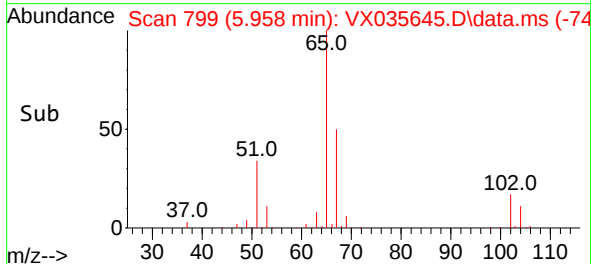
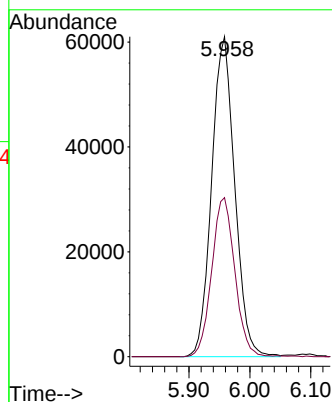
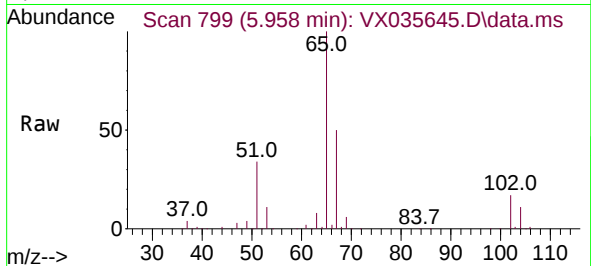




#33
 1,2-Dichloroethane-d4
 Concen: 45.588 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.006 min
 Lab File: VX035645.D
 Acq: 12 May 2023 18:01

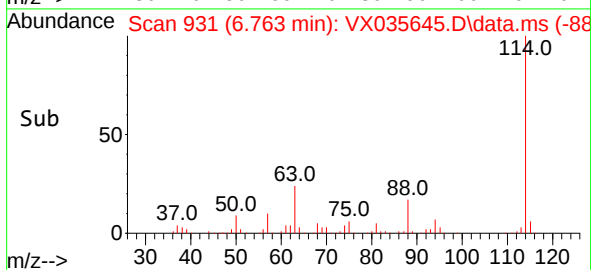
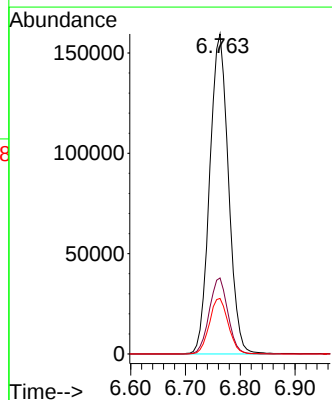
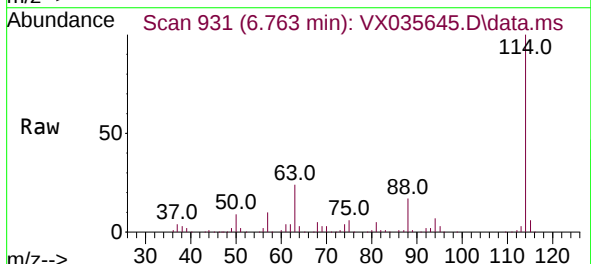
Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT2-2023

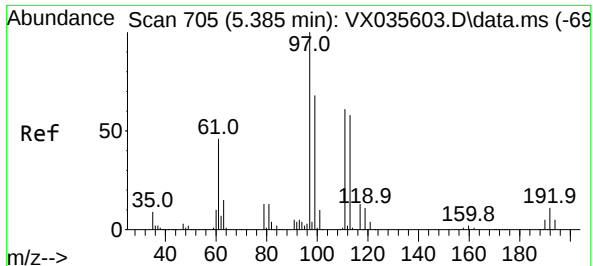
Tgt Ion: 65 Resp: 160561
 Ion Ratio Lower Upper
 65 100
 67 49.6 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX035645.D
 Acq: 12 May 2023 18:01

Tgt Ion: 114 Resp: 378063
 Ion Ratio Lower Upper
 114 100
 63 23.8 0.0 42.2
 88 17.3 0.0 33.2





#35

Dibromofluoromethane

Concen: 41.493 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX035645.D

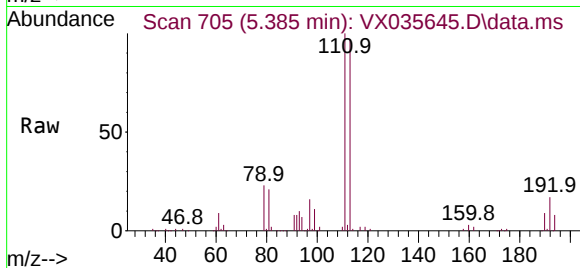
Acq: 12 May 2023 18:01

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2023



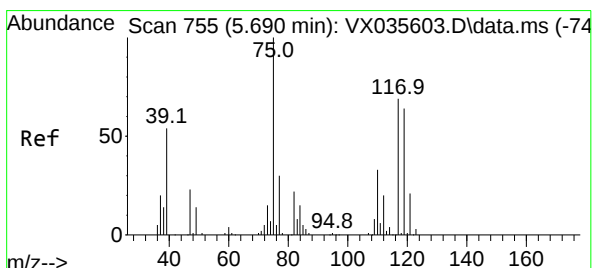
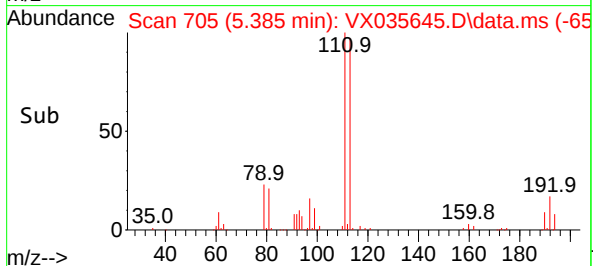
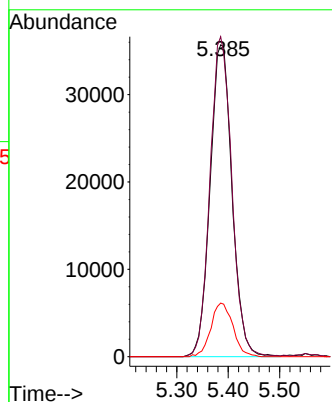
Tgt Ion:113 Resp: 105793

Ion Ratio Lower Upper

113 100

111 101.8 83.7 125.5

192 17.3 15.4 23.2



#36

1,1-Dichloropropene

Concen: 4.064 ug/l

RT: 5.690 min Scan# 755

Delta R.T. 0.000 min

Lab File: VX035645.D

Acq: 12 May 2023 18:01

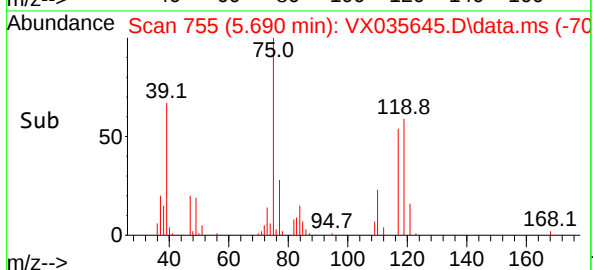
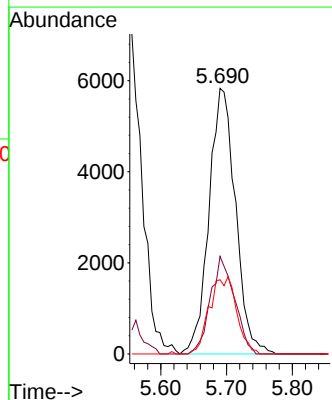
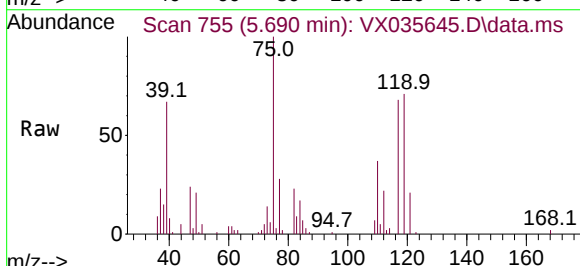
Tgt Ion: 75 Resp: 16356

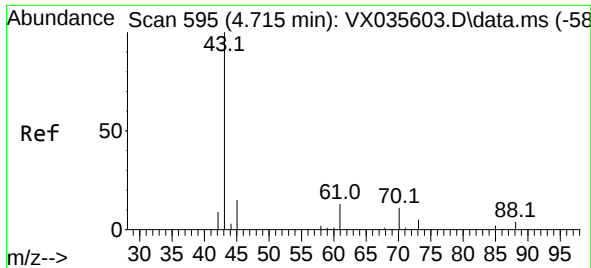
Ion Ratio Lower Upper

75 100

110 33.2 17.5 52.5

77 29.8 24.3 36.5





#37

Ethyl Acetate

Concen: 4.822 ug/l

RT: 4.727 min Scan# 597

Delta R.T. 0.012 min

Lab File: VX035645.D

Acq: 12 May 2023 18:01

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2023

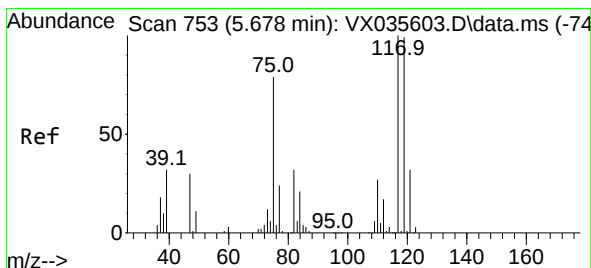
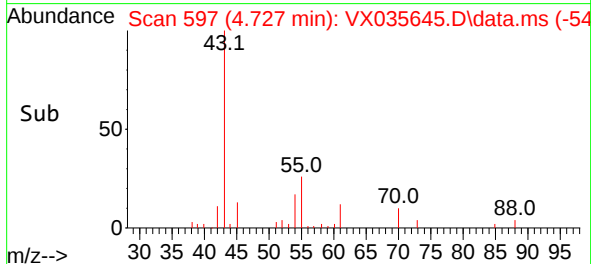
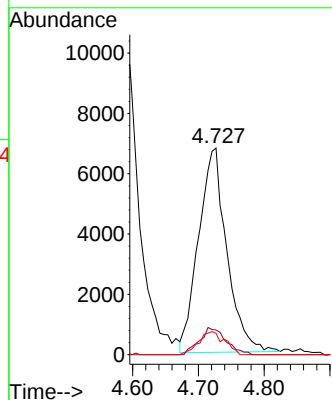
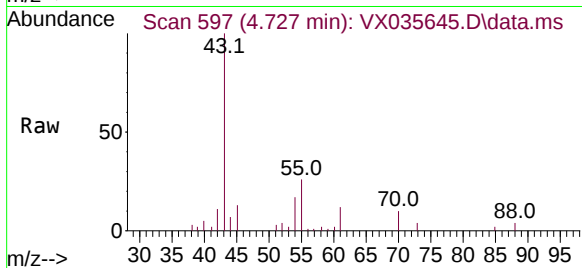
Tgt Ion: 43 Resp: 20243

Ion Ratio Lower Upper

43 100

61 12.4 10.2 15.4

70 10.3 8.2 12.4



#38

Carbon Tetrachloride

Concen: 3.655 ug/l

RT: 5.678 min Scan# 753

Delta R.T. -0.000 min

Lab File: VX035645.D

Acq: 12 May 2023 18:01

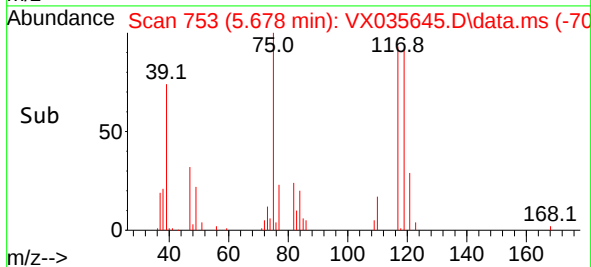
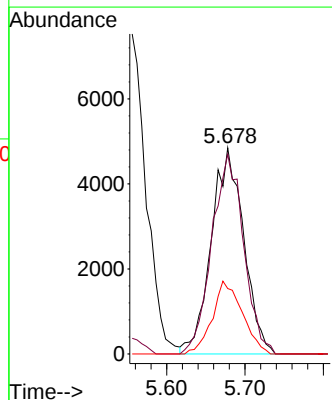
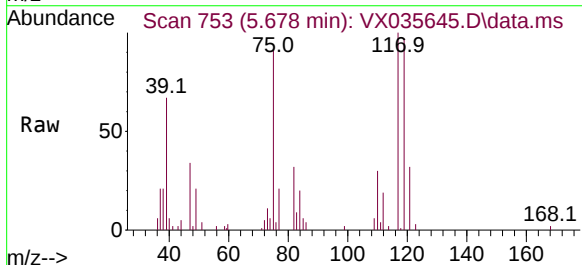
Tgt Ion: 117 Resp: 13935

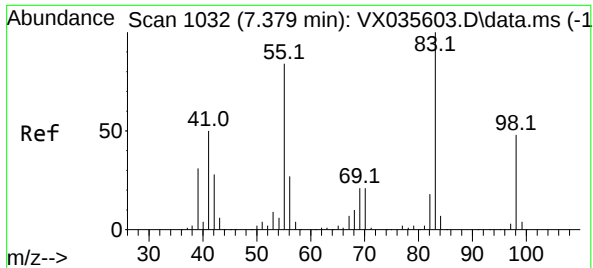
Ion Ratio Lower Upper

117 100

119 96.9 76.6 114.8

121 31.8 23.8 35.6

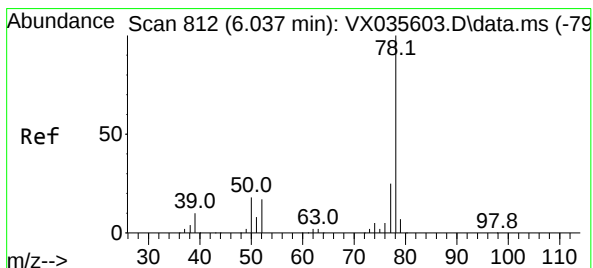
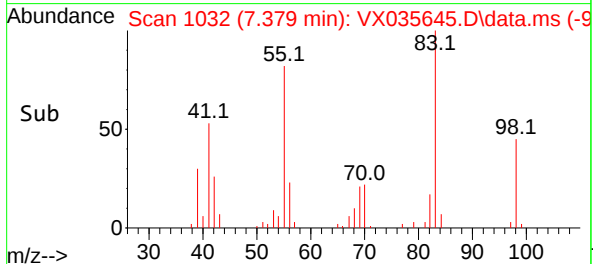
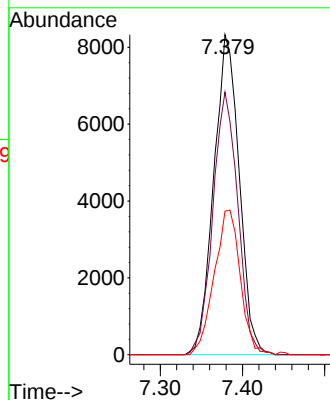
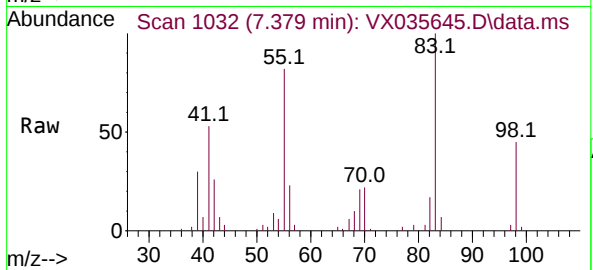




#39
Methylcyclohexane
Concen: 3.771 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VX035645.D
Acq: 12 May 2023 18:01

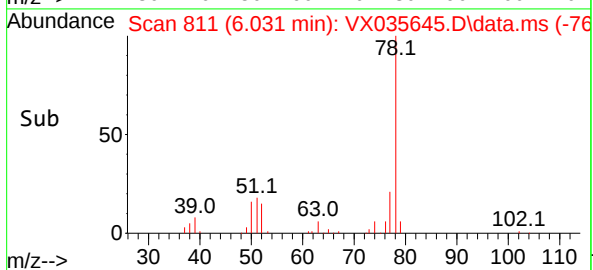
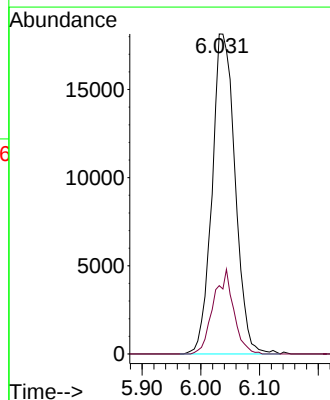
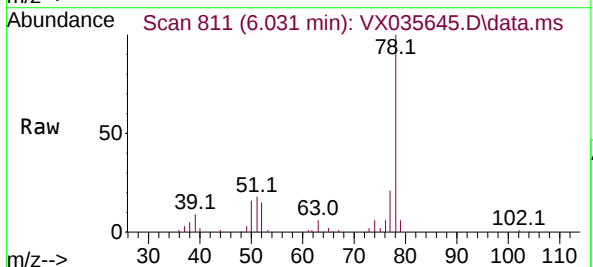
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2023

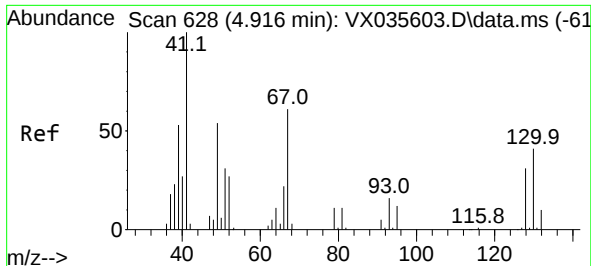
Tgt Ion: 83	Resp: 17864
Ion Ratio	Lower Upper
83 100	
55 82.0	60.5 90.7
98 44.9	40.4 60.6



#40
Benzene
Concen: 4.403 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.006 min
Lab File: VX035645.D
Acq: 12 May 2023 18:01

Tgt Ion: 78	Resp: 49568
Ion Ratio	Lower Upper
78 100	
77 21.4	19.0 28.4

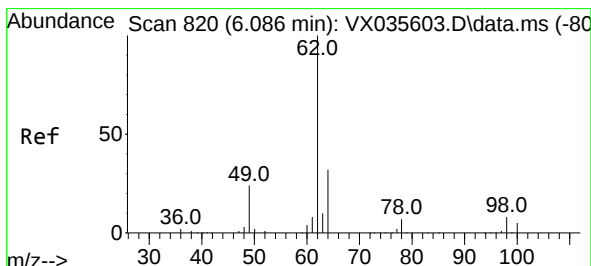
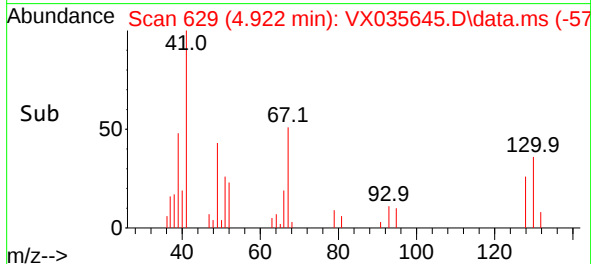
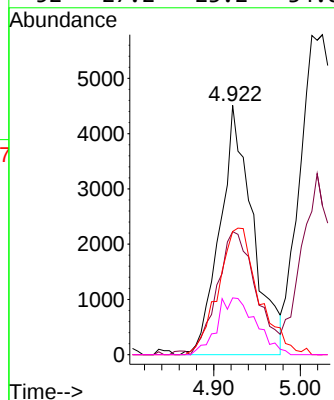
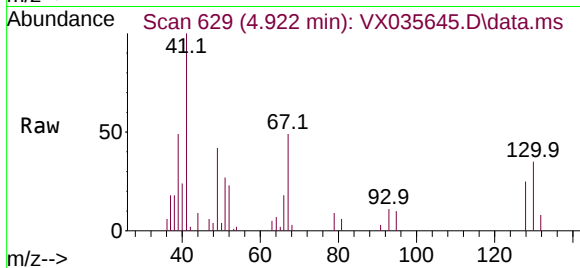




#41
Methacrylonitrile
Concen: 4.761 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX035645.D
Acq: 12 May 2023 18:01

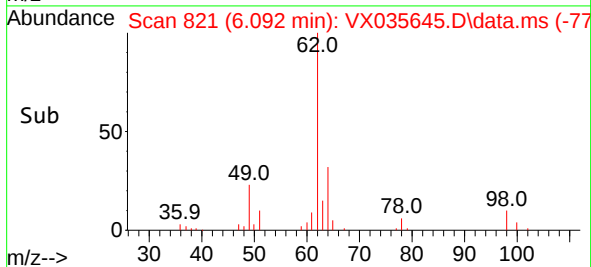
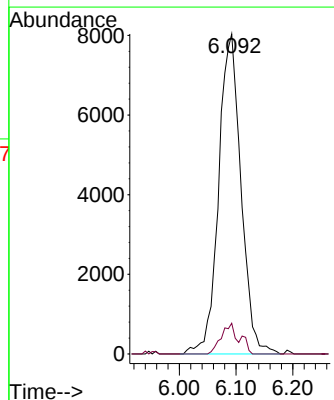
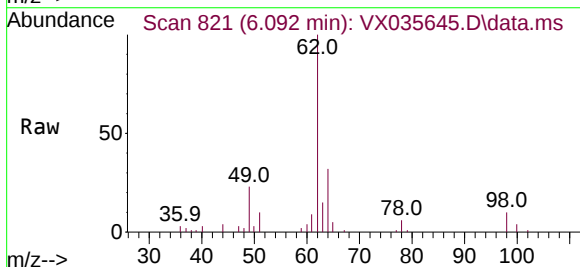
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2023

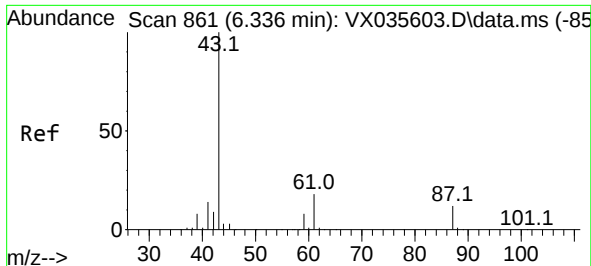
Tgt Ion: 41	Resp: 11866
Ion Ratio	Lower Upper
41 100	
39 59.0	45.0 67.6
67 62.7	55.6 83.4
52 27.2	23.2 34.8



#42
1,2-Dichloroethane
Concen: 4.541 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.006 min
Lab File: VX035645.D
Acq: 12 May 2023 18:01

Tgt Ion: 62	Resp: 21992
Ion Ratio	Lower Upper
62 100	
98 6.1	0.0 18.0

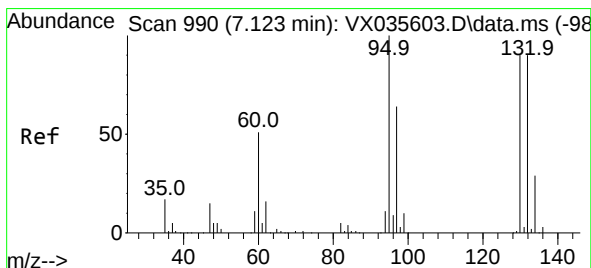
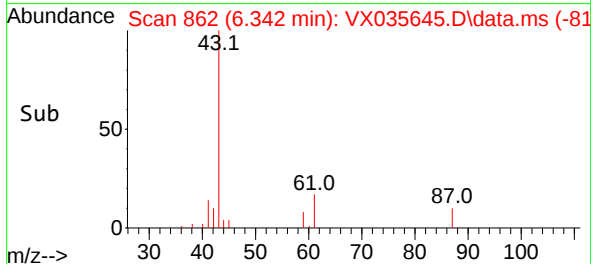
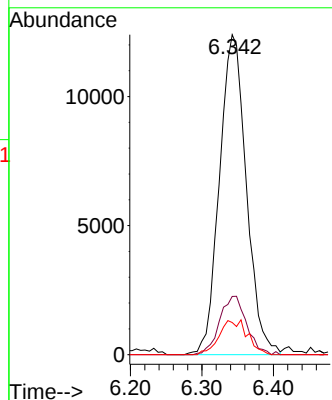
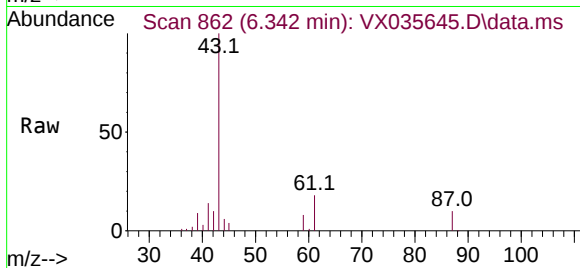




#43
Isopropyl Acetate
Concen: 4.424 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.006 min
Lab File: VX035645.D
Acq: 12 May 2023 18:01

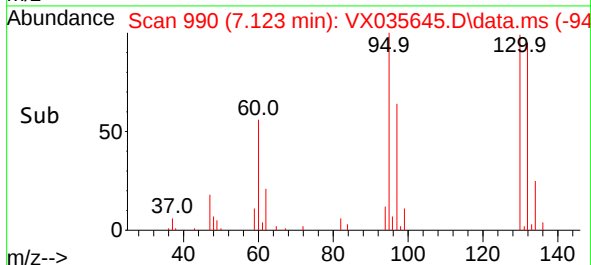
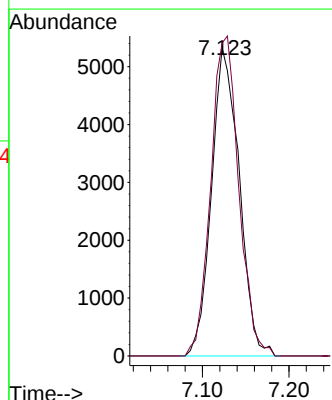
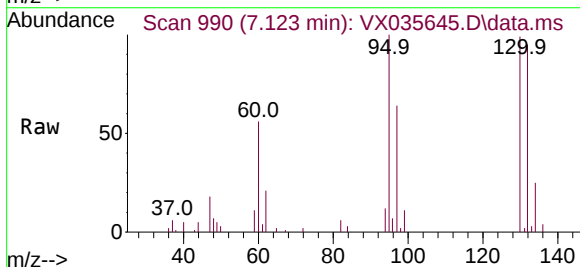
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT2-2023

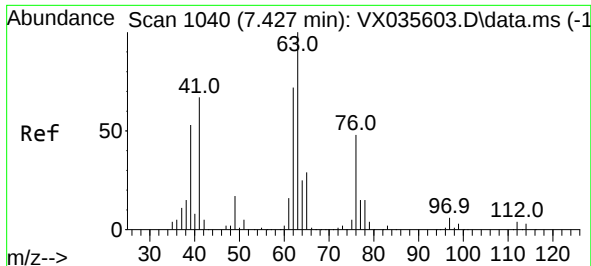
Tgt Ion: 43 Resp: 32382
Ion Ratio Lower Upper
43 100
61 18.4 15.2 22.8
87 11.4 9.8 14.8



#44
Trichloroethene
Concen: 4.150 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX035645.D
Acq: 12 May 2023 18:01

Tgt Ion:130 Resp: 11847
Ion Ratio Lower Upper
130 100
95 101.5 0.0 198.4

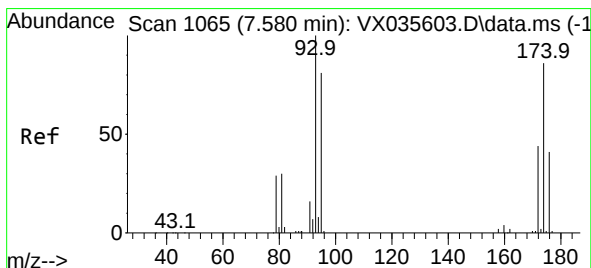
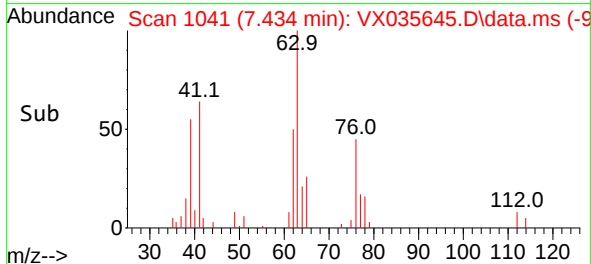
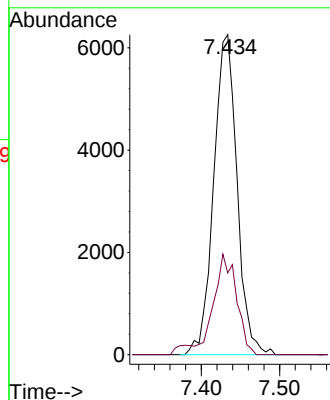
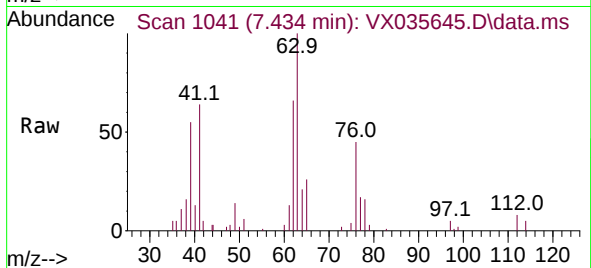




#45
1,2-Dichloropropane
Concen: 4.347 ug/l
RT: 7.434 min Scan# 1041
Delta R.T. 0.007 min
Lab File: VX035645.D
Acq: 12 May 2023 18:01

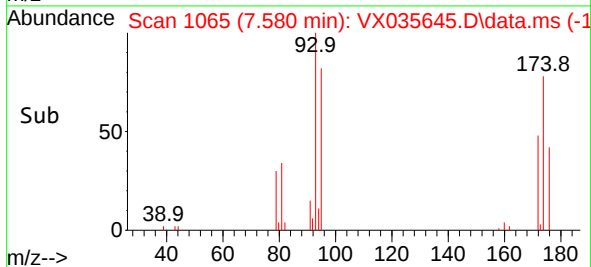
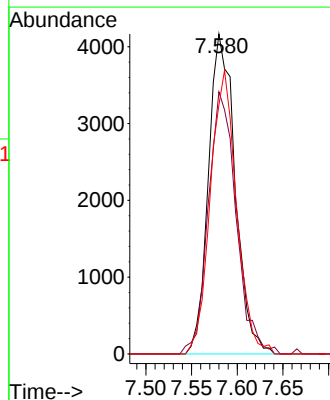
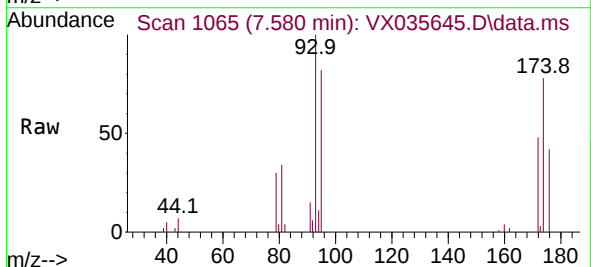
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2023

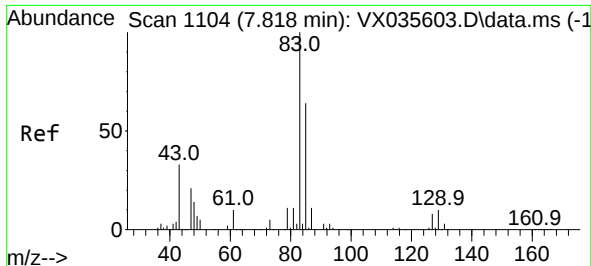
Tgt Ion: 63 Resp: 12963
Ion Ratio Lower Upper
63 100
65 25.6 24.6 37.0



#46
Dibromomethane
Concen: 4.139 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VX035645.D
Acq: 12 May 2023 18:01

Tgt Ion: 93 Resp: 8449
Ion Ratio Lower Upper
93 100
95 85.3 66.9 100.3
174 87.1 75.4 113.0

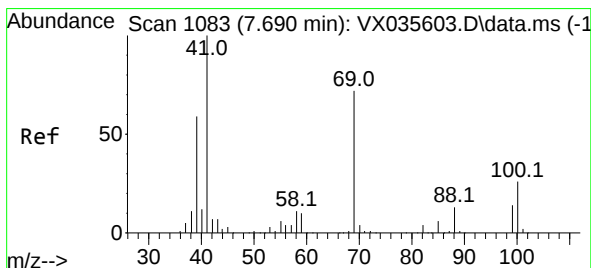
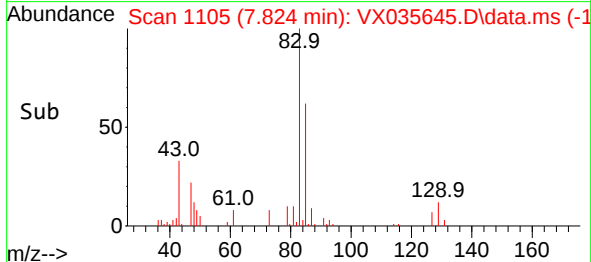
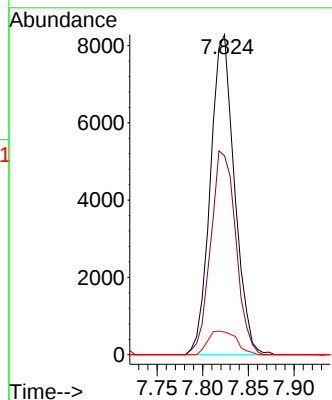
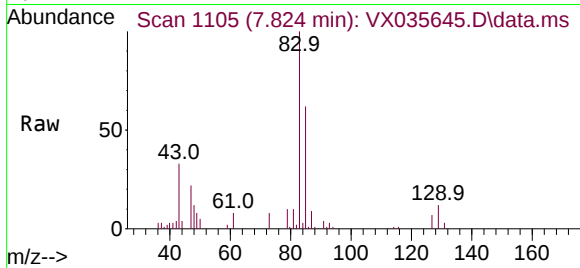




#47
Bromodichloromethane
Concen: 3.846 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VX035645.D
Acq: 12 May 2023 18:01

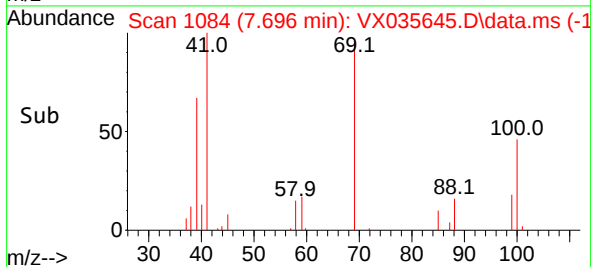
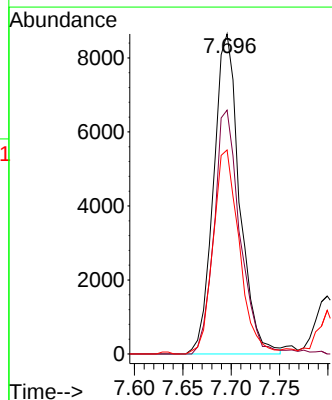
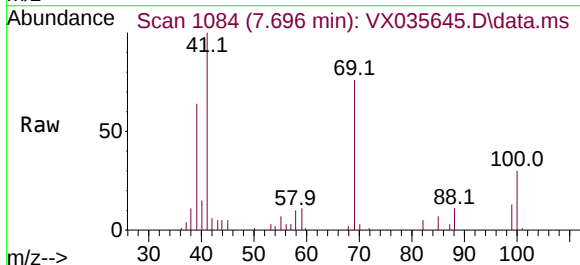
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2023

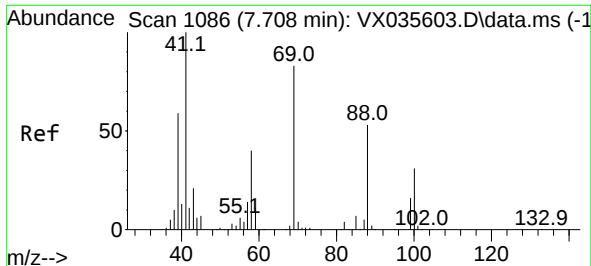
Tgt Ion: 83 Resp: 15171
Ion Ratio Lower Upper
83 100
85 62.1 52.2 78.4
127 7.1 6.6 9.8



#48
Methyl methacrylate
Concen: 4.472 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.006 min
Lab File: VX035645.D
Acq: 12 May 2023 18:01

Tgt Ion: 41 Resp: 16155
Ion Ratio Lower Upper
41 100
69 76.6 62.2 93.4
39 64.3 47.7 71.5





#49

1,4-Dioxane

Concen: 92.361 ug/l

RT: 7.738 min Scan# 1086

Delta R.T. 0.030 min

Lab File: VX035645.D

Acq: 12 May 2023 18:01

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2023

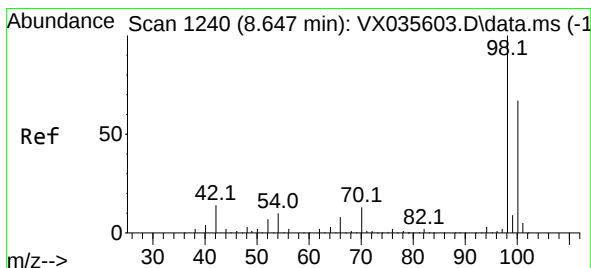
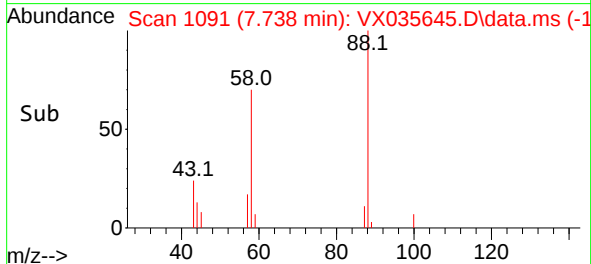
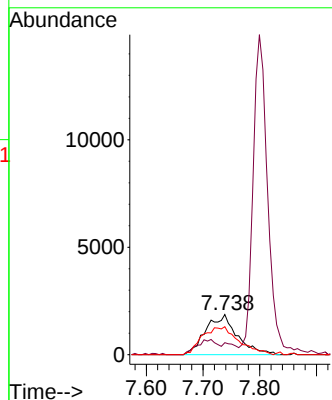
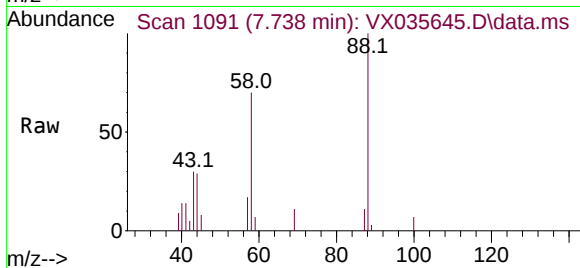
Tgt Ion: 88 Resp: 7190

Ion Ratio Lower Upper

88 100

43 0.0 27.7 41.5#

58 80.3 56.8 85.2



#50

Toluene-d8

Concen: 41.024 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX035645.D

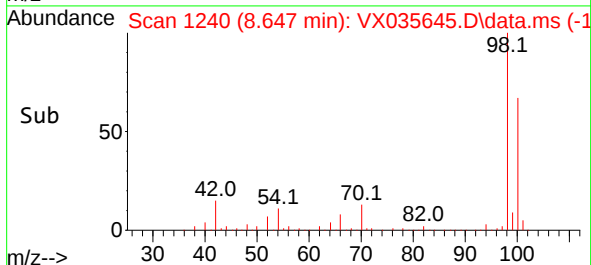
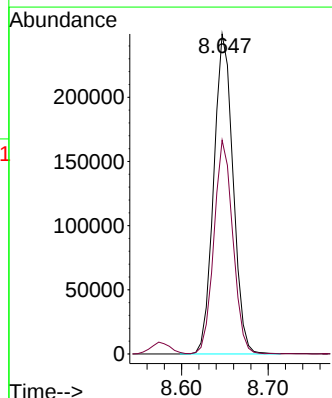
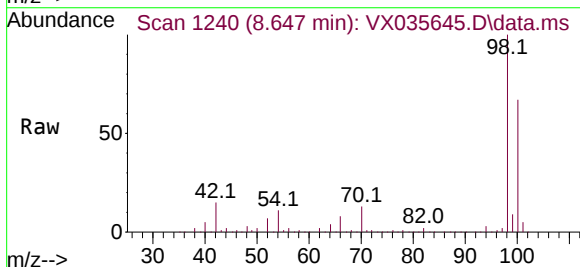
Acq: 12 May 2023 18:01

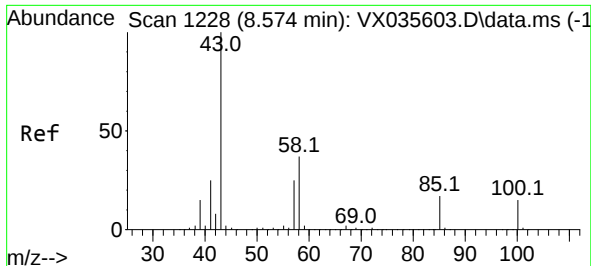
Tgt Ion: 98 Resp: 386408

Ion Ratio Lower Upper

98 100

100 65.2 52.5 78.7

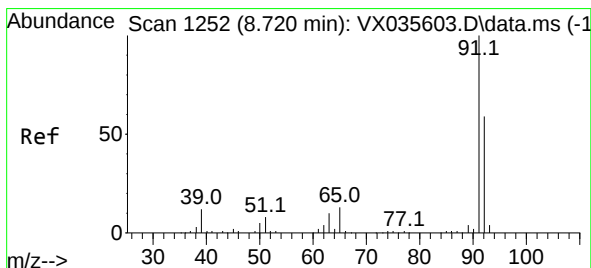
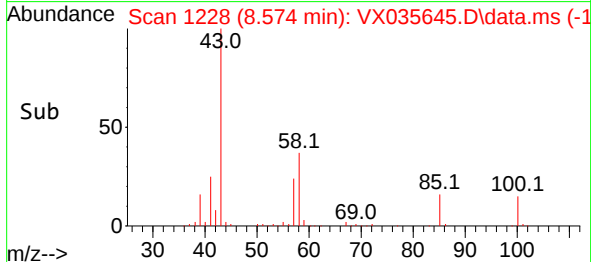
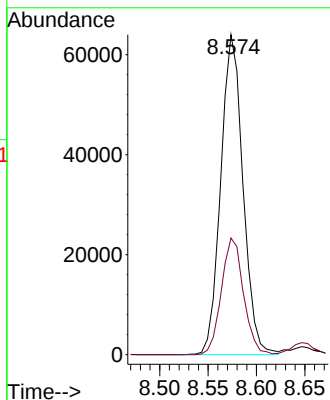
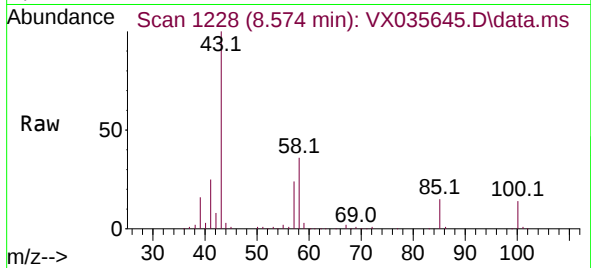




#51
4-Methyl-2-Pentanone
Concen: 24.218 ug/l
RT: 8.574 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX035645.D
Acq: 12 May 2023 18:01

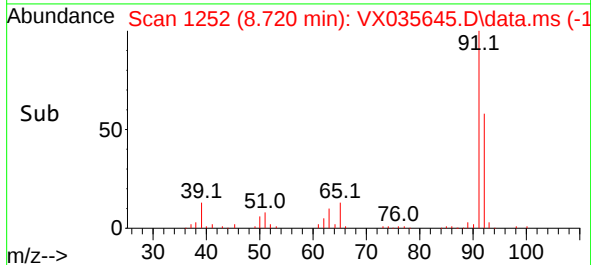
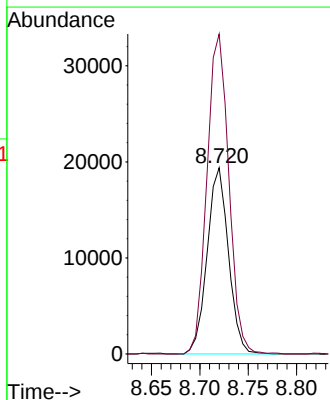
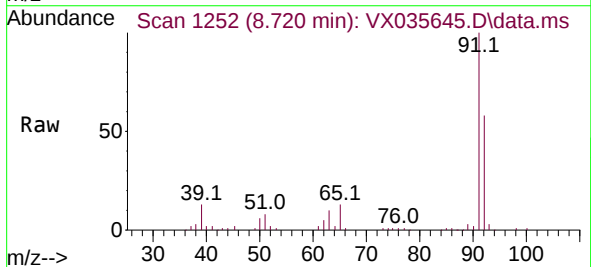
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2023

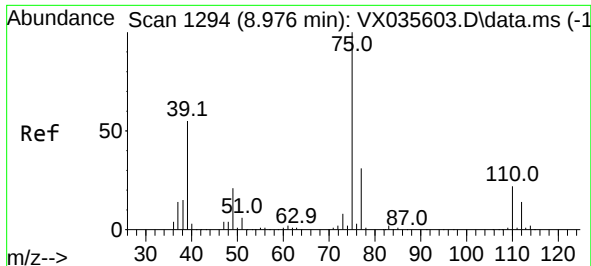
Tgt Ion: 43 Resp: 102127
Ion Ratio Lower Upper
43 100
58 36.3 30.6 46.0



#52
Toluene
Concen: 4.188 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX035645.D
Acq: 12 May 2023 18:01

Tgt Ion: 92 Resp: 29767
Ion Ratio Lower Upper
92 100
91 176.2 136.8 205.2

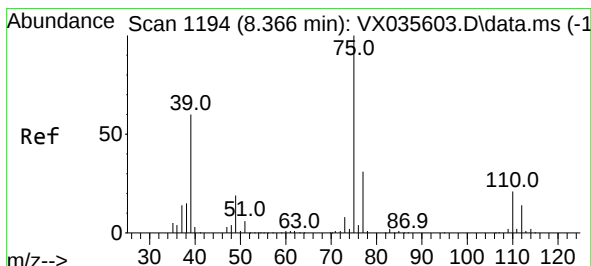
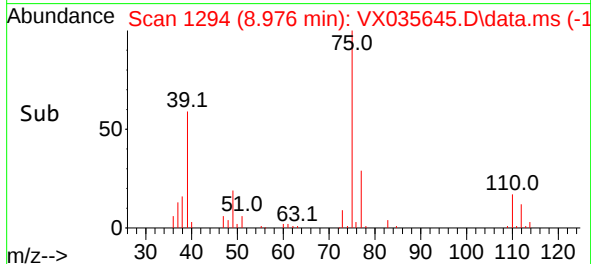
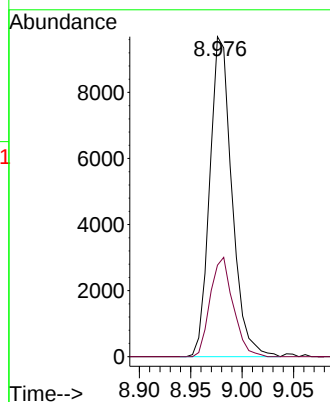
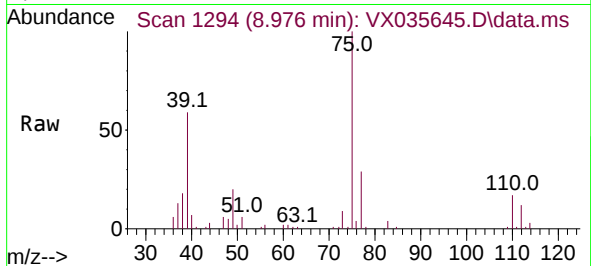




#53
 t-1,3-Dichloropropene
 Concen: 3.395 ug/l
 RT: 8.976 min Scan# 1194
 Delta R.T. 0.000 min
 Lab File: VX035645.D
 Acq: 12 May 2023 18:01

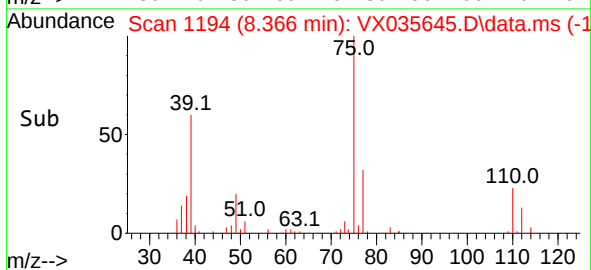
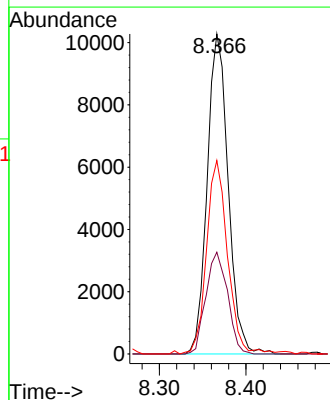
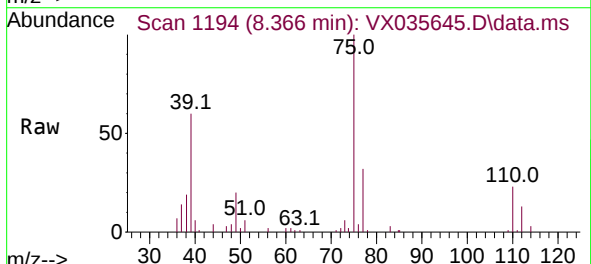
Instrument : MSVOA_X
 ClientSampleId : LOQ-WATER-02-QT2-2023

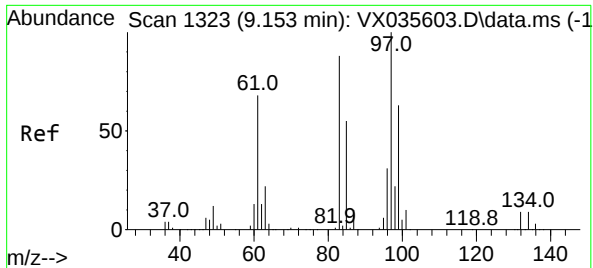
Tgt Ion: 75 Resp: 14553
 Ion Ratio Lower Upper
 75 100
 77 28.6 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 3.769 ug/l
 RT: 8.366 min Scan# 1194
 Delta R.T. 0.000 min
 Lab File: VX035645.D
 Acq: 12 May 2023 18:01

Tgt Ion: 75 Resp: 17309
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.0 37.4
 39 60.4 44.6 66.8

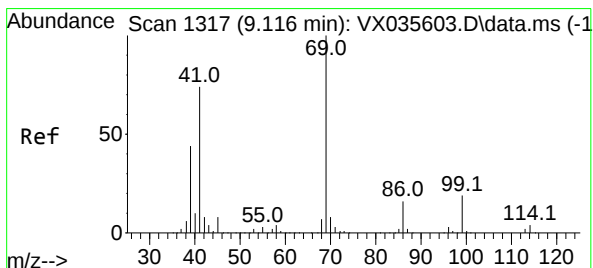
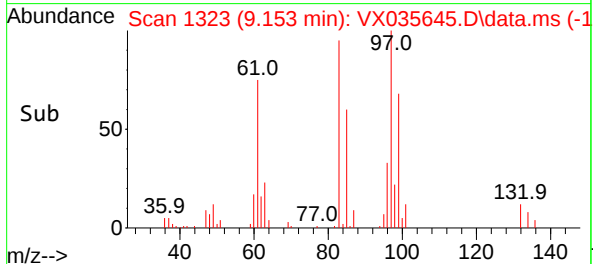
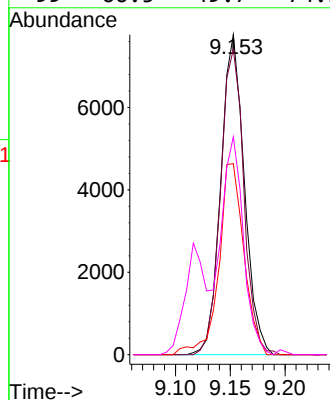
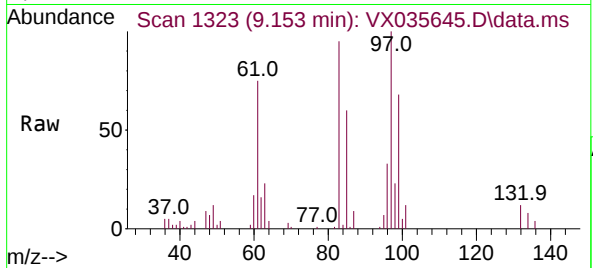




#55
1,1,2-Trichloroethane
Concen: 4.151 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX035645.D
Acq: 12 May 2023 18:01

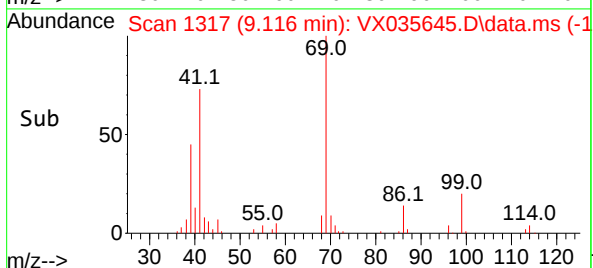
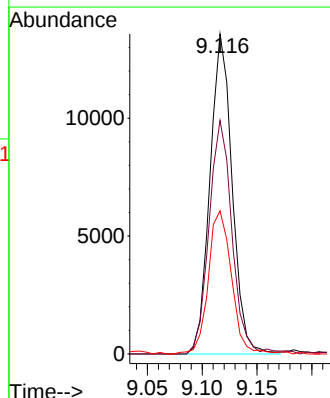
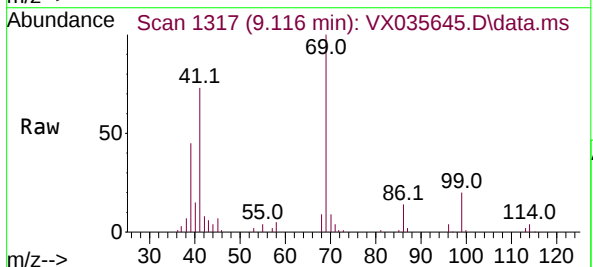
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT2-2023

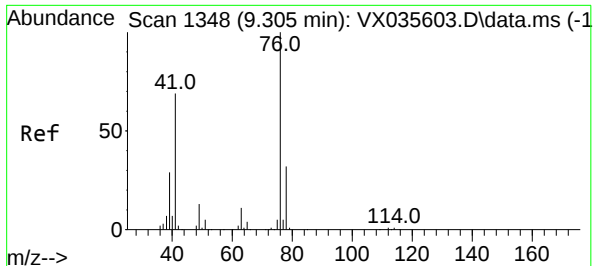
Tgt Ion: 97	Resp: 11586
Ion Ratio	Lower Upper
97 100	
83 95.4	69.7 104.5
85 59.7	43.7 65.5
99 66.5	49.7 74.5



#56
Ethyl methacrylate
Concen: 4.226 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX035645.D
Acq: 12 May 2023 18:01

Tgt Ion: 69	Resp: 19101
Ion Ratio	Lower Upper
69 100	
41 76.1	57.4 86.0
39 47.0	33.7 50.5





#57

1,3-Dichloropropane

Concen: 4.564 ug/l

RT: 9.311 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX035645.D

Acq: 12 May 2023 18:01

Instrument :

MSVOA_X

ClientSampleId :

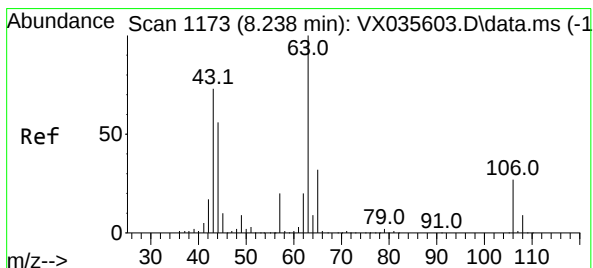
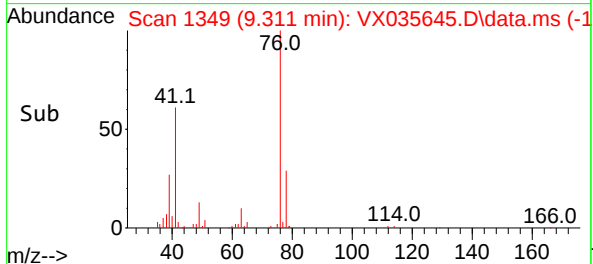
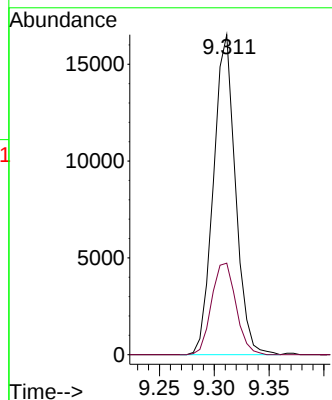
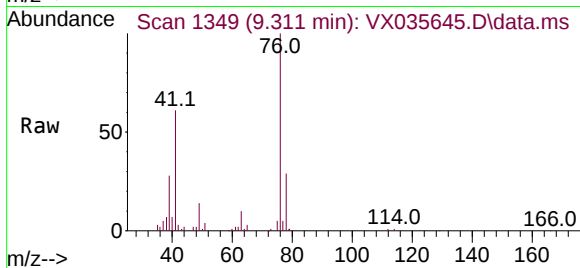
LOQ-WATER-02-QT2-2023

Tgt Ion: 76 Resp: 23097

Ion Ratio Lower Upper

76 100

78 31.6 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 24.252 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.006 min

Lab File: VX035645.D

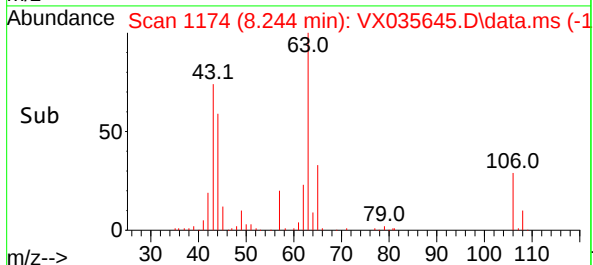
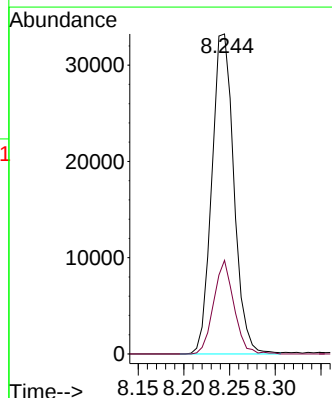
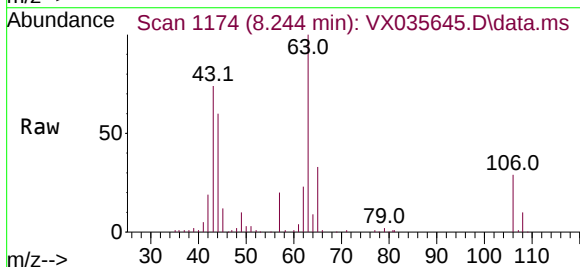
Acq: 12 May 2023 18:01

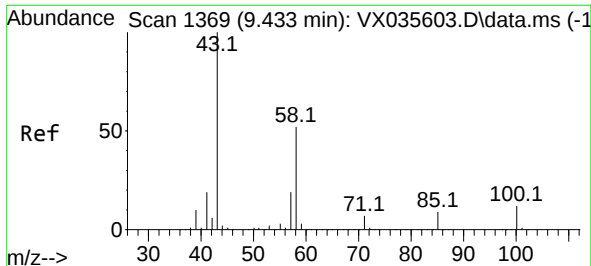
Tgt Ion: 63 Resp: 55769

Ion Ratio Lower Upper

63 100

106 26.9 22.2 33.2





#59

2-Hexanone

Concen: 24.050 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VX035645.D

Acq: 12 May 2023 18:01

Instrument :

MSVOA_X

ClientSampleId :

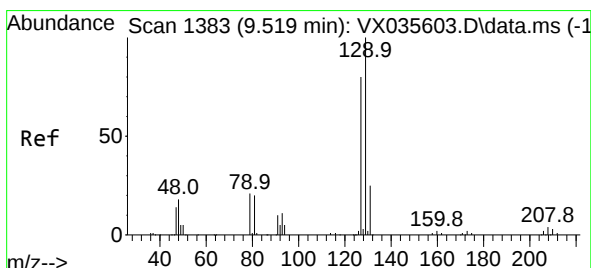
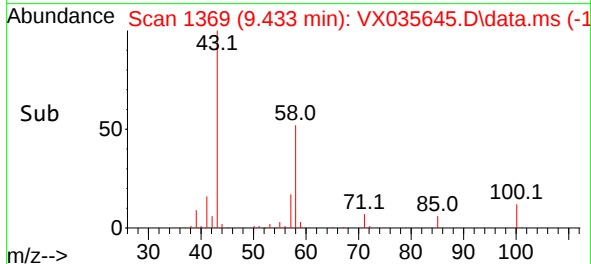
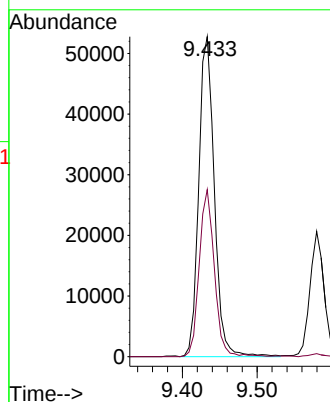
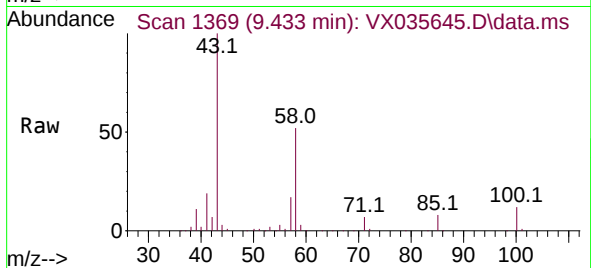
LOQ-WATER-02-QT2-2023

Tgt Ion: 43 Resp: 76379

Ion Ratio Lower Upper

43 100

58 50.8 26.3 78.9



#60

Dibromochloromethane

Concen: 3.526 ug/l

RT: 9.525 min Scan# 1384

Delta R.T. 0.006 min

Lab File: VX035645.D

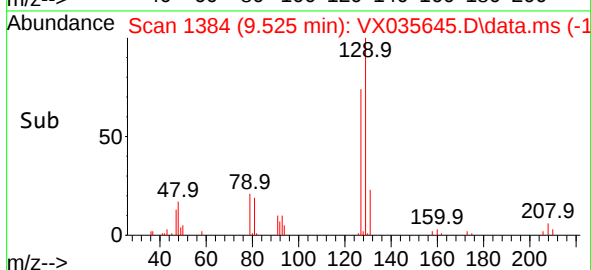
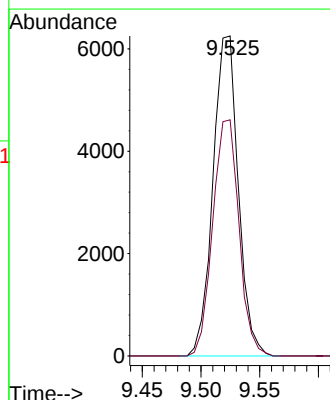
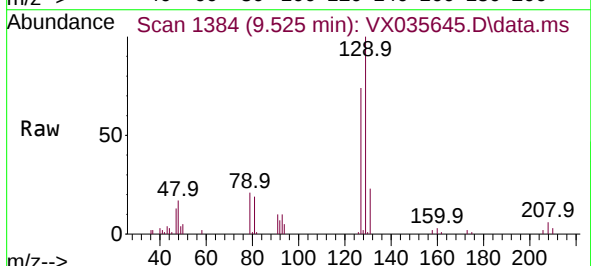
Acq: 12 May 2023 18:01

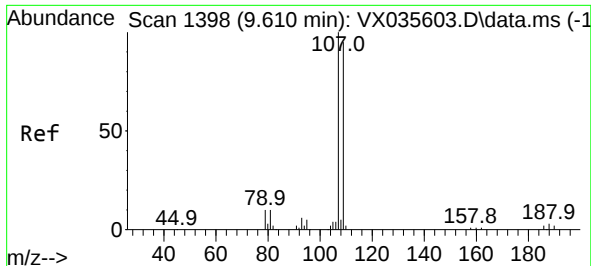
Tgt Ion: 129 Resp: 9382

Ion Ratio Lower Upper

129 100

127 76.3 39.0 117.0

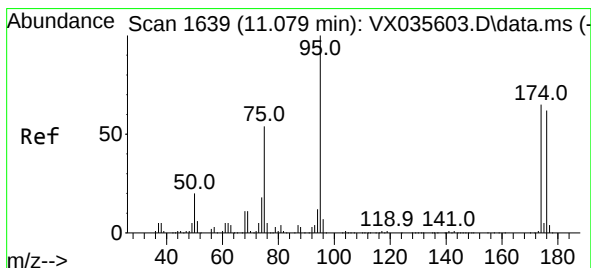
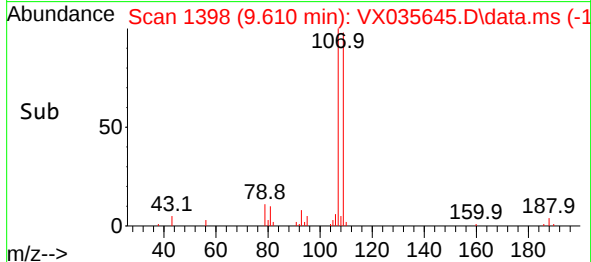
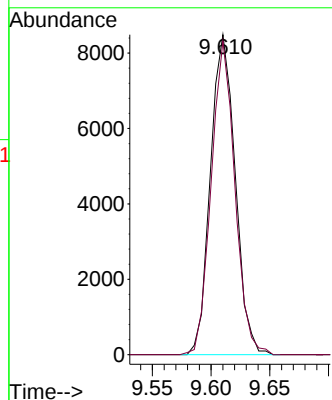
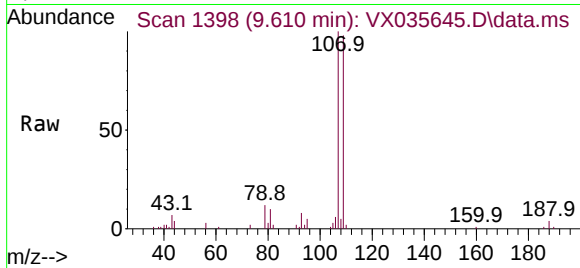




#61
1,2-Dibromoethane
Concen: 4.227 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX035645.D
Acq: 12 May 2023 18:01

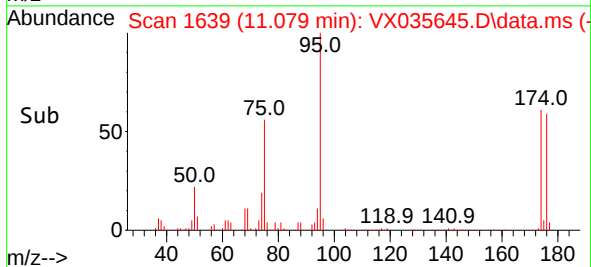
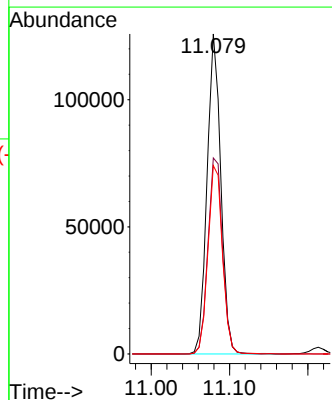
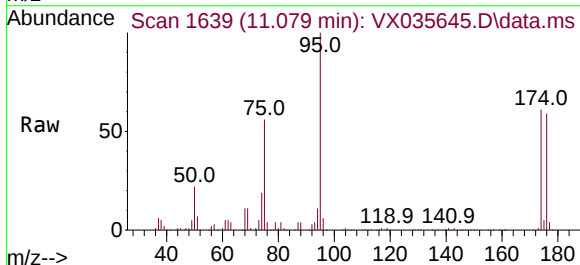
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT2-2023

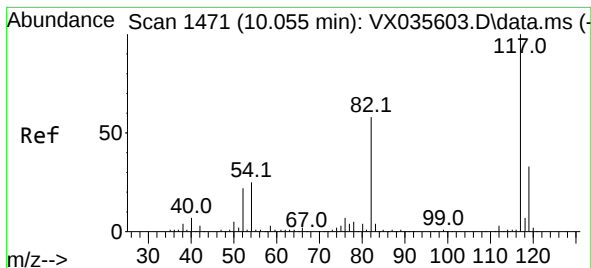
Tgt Ion:107 Resp: 12432
Ion Ratio Lower Upper
107 100
109 93.6 75.3 112.9



#62
4-Bromofluorobenzene
Concen: 40.296 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035645.D
Acq: 12 May 2023 18:01

Tgt Ion: 95 Resp: 152824
Ion Ratio Lower Upper
95 100
174 65.3 0.0 147.4
176 62.3 0.0 140.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX035645.D

Acq: 12 May 2023 18:01

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2023

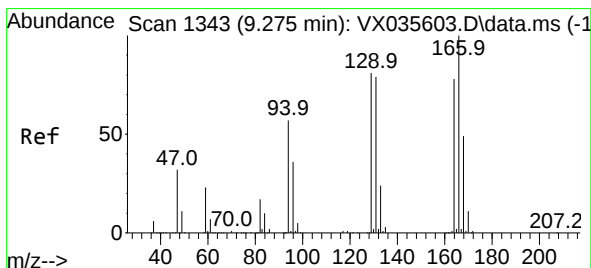
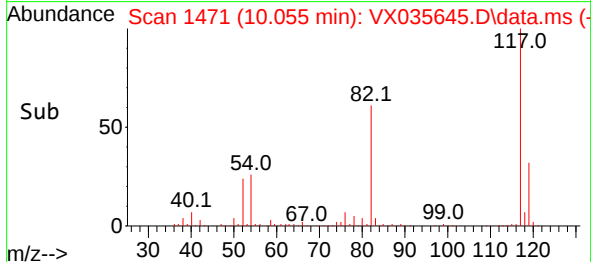
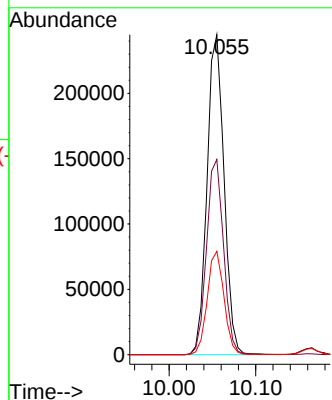
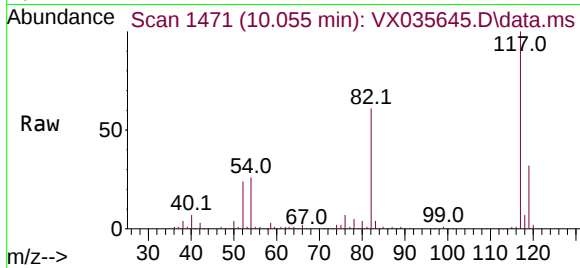
Tgt Ion:117 Resp: 333782

Ion Ratio Lower Upper

117 100

82 61.0 45.0 67.4

119 32.3 26.0 39.0



#64

Tetrachloroethene

Concen: 4.286 ug/l

RT: 9.275 min Scan# 1343

Delta R.T. -0.000 min

Lab File: VX035645.D

Acq: 12 May 2023 18:01

Tgt Ion:164 Resp: 9631

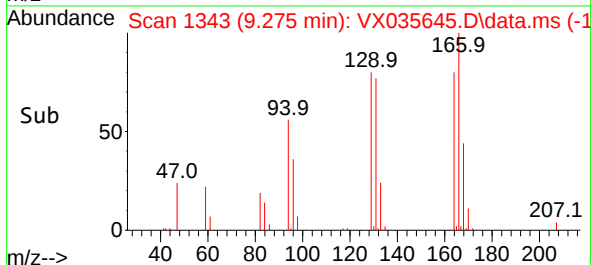
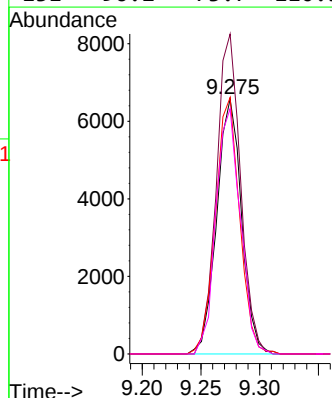
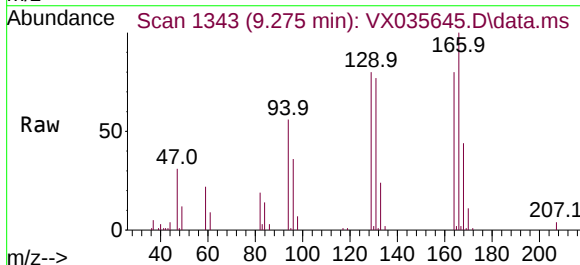
Ion Ratio Lower Upper

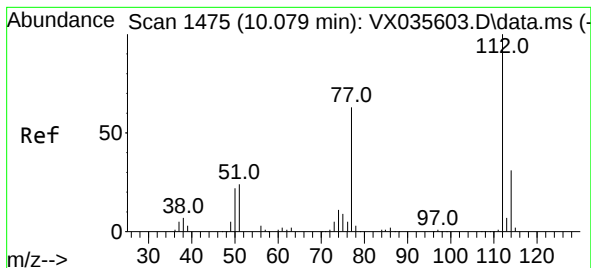
164 100

166 125.5 102.7 154.1

129 100.5 75.6 113.4

131 96.2 73.7 110.5





#65

Chlorobenzene

Concen: 4.386 ug/l

RT: 10.079 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VX035645.D

Acq: 12 May 2023 18:01

Instrument :

MSVOA_X

ClientSampleId :

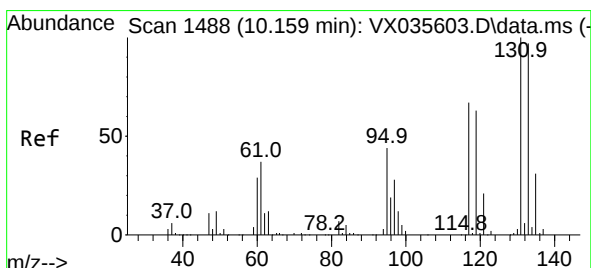
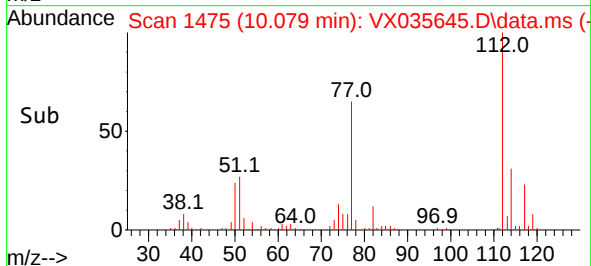
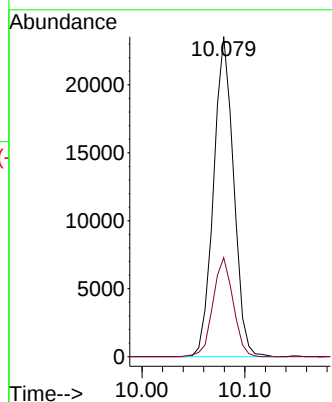
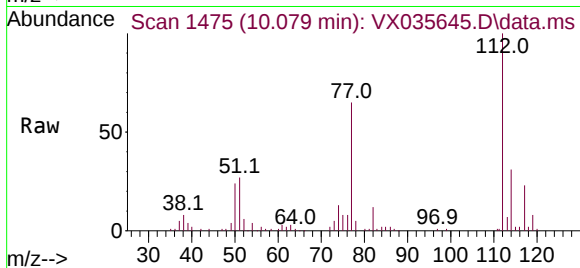
LOQ-WATER-02-QT2-2023

Tgt Ion:112 Resp: 31958

Ion Ratio Lower Upper

112 100

114 30.9 26.2 39.2



#66

1,1,1,2-Tetrachloroethane

Concen: 3.725 ug/l

RT: 10.165 min Scan# 1489

Delta R.T. 0.006 min

Lab File: VX035645.D

Acq: 12 May 2023 18:01

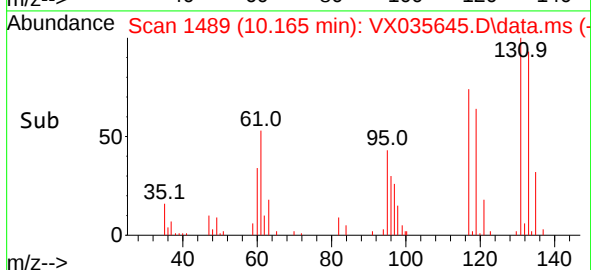
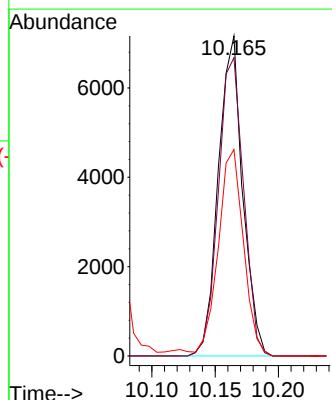
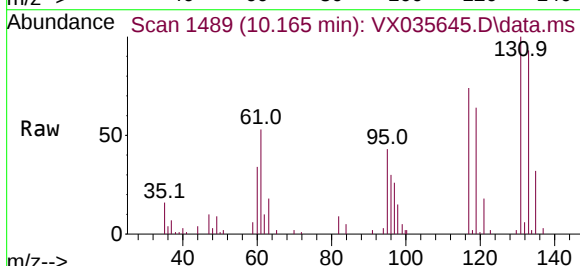
Tgt Ion:131 Resp: 9596

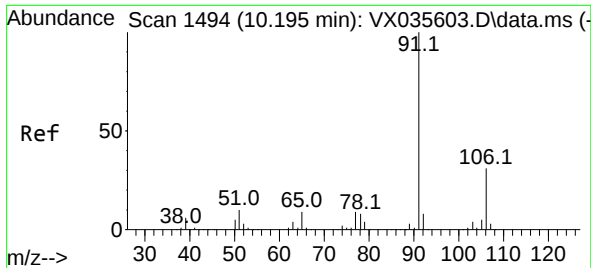
Ion Ratio Lower Upper

131 100

133 96.7 47.1 141.4

119 68.4 32.6 98.0

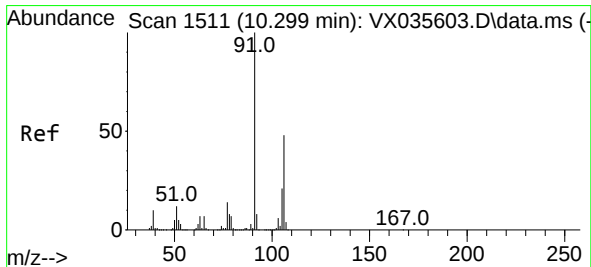
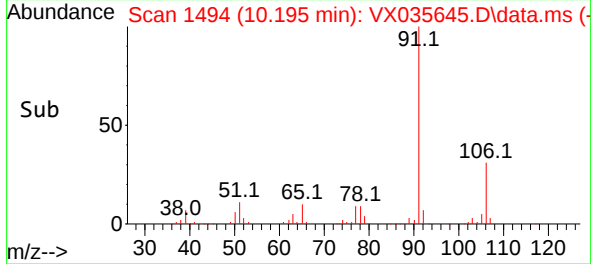
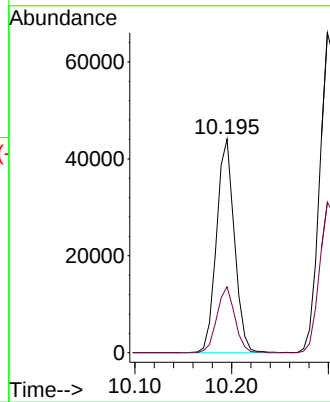
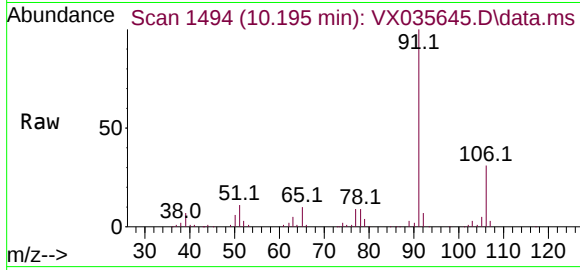




#67
Ethyl Benzene
Concen: 4.126 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX035645.D
Acq: 12 May 2023 18:01

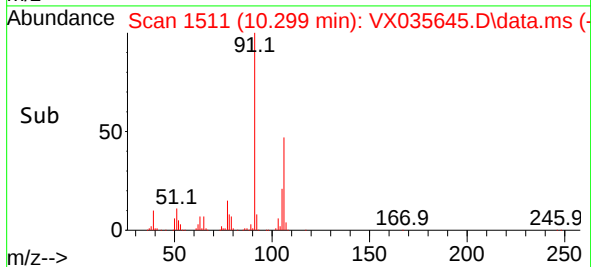
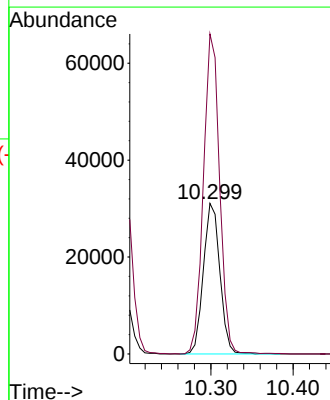
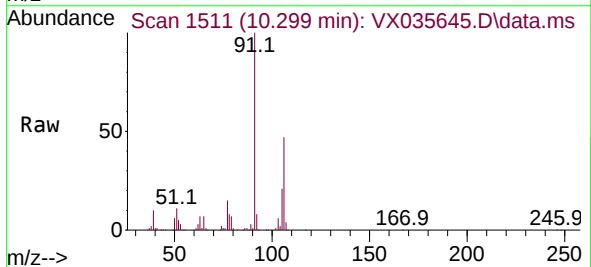
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2023

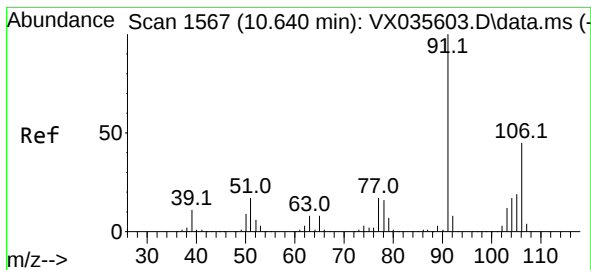
Tgt Ion: 91 Resp: 56542
Ion Ratio Lower Upper
91 100
106 30.9 25.6 38.4



#68
m/p-Xylenes
Concen: 8.549 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX035645.D
Acq: 12 May 2023 18:01

Tgt Ion: 106 Resp: 43302
Ion Ratio Lower Upper
106 100
91 208.8 164.0 246.0





#69

o-Xylene

Concen: 4.222 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX035645.D

Acq: 12 May 2023 18:01

Instrument :

MSVOA_X

ClientSampleId :

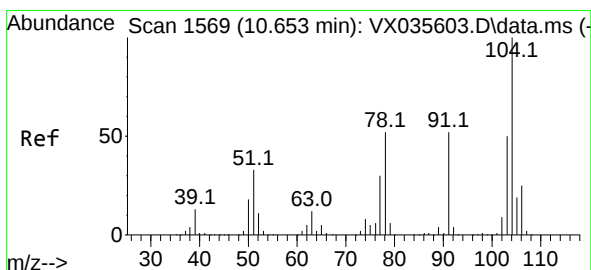
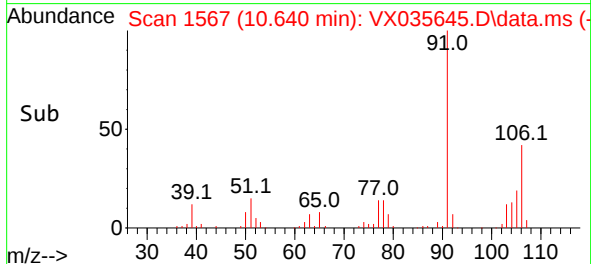
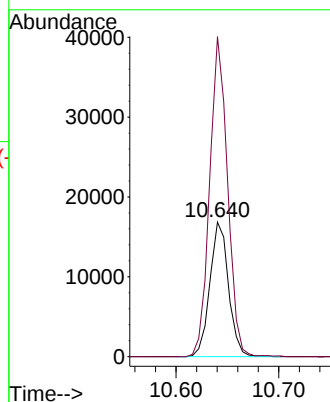
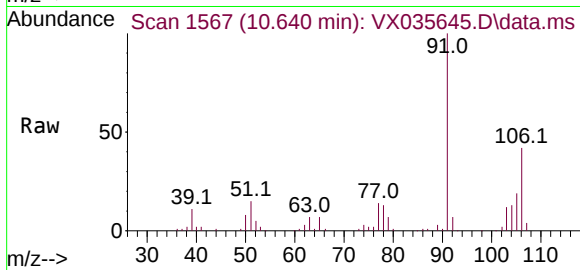
LOQ-WATER-02-QT2-2023

Tgt Ion:106 Resp: 21219

Ion Ratio Lower Upper

106 100

91 228.7 108.5 325.3



#70

Styrene

Concen: 4.112 ug/l

RT: 10.653 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VX035645.D

Acq: 12 May 2023 18:01

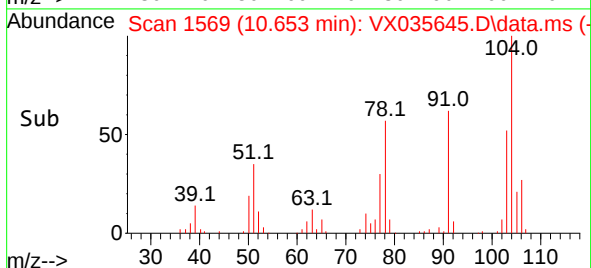
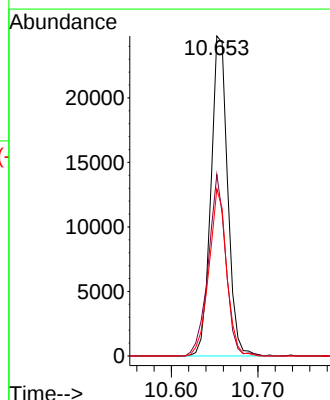
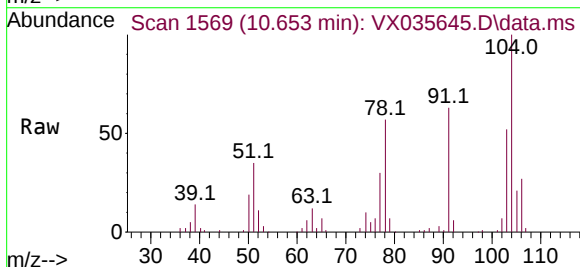
Tgt Ion:104 Resp: 33308

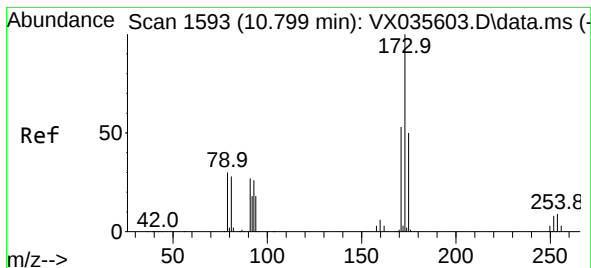
Ion Ratio Lower Upper

104 100

78 58.8 43.4 65.2

103 55.1 44.2 66.2





#71

Bromoform

Concen: 3.253 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX035645.D

Acq: 12 May 2023 18:01

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2023

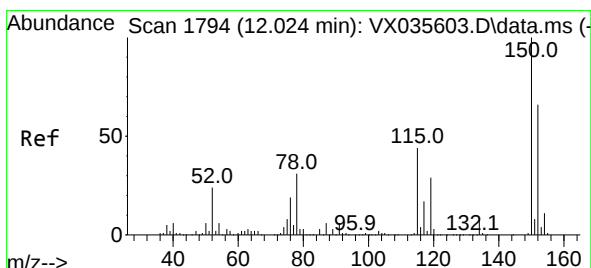
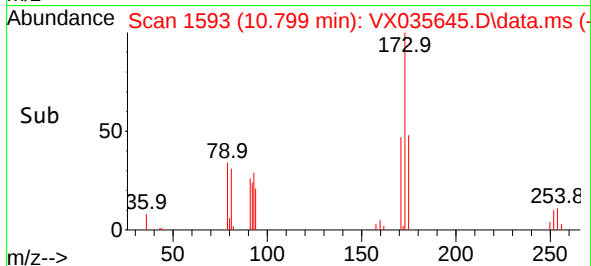
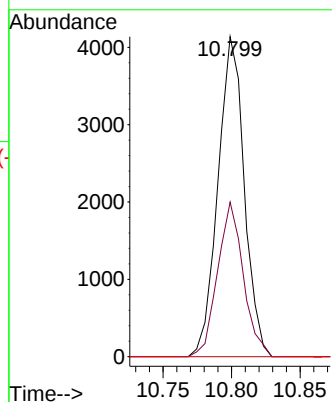
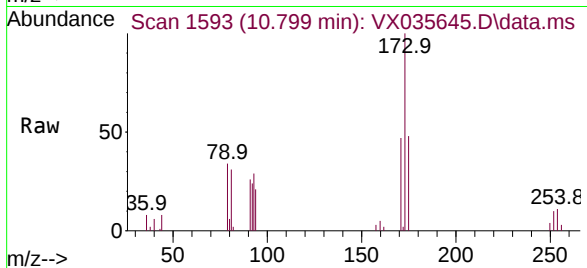
Tgt Ion:173 Resp: 5515

Ion Ratio Lower Upper

173 100

175 47.4 24.1 72.4

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX035645.D

Acq: 12 May 2023 18:01

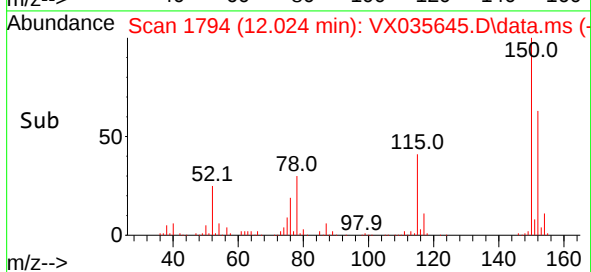
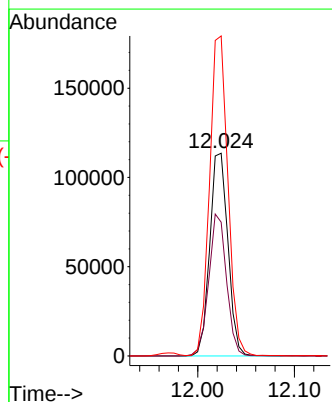
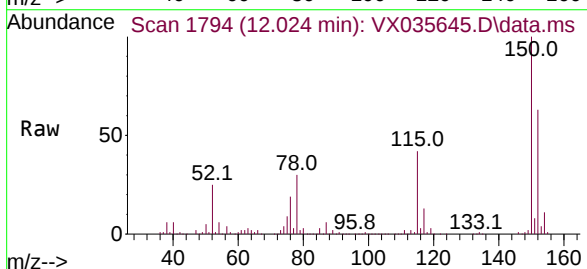
Tgt Ion:152 Resp: 147838

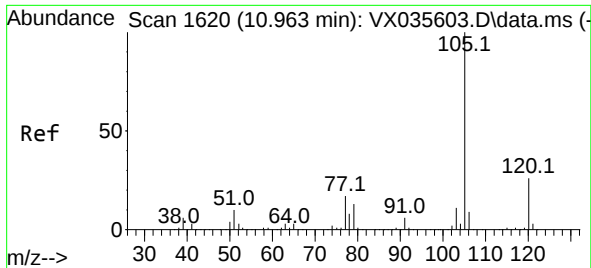
Ion Ratio Lower Upper

152 100

115 68.5 45.0 135.0

150 159.3 0.0 352.4

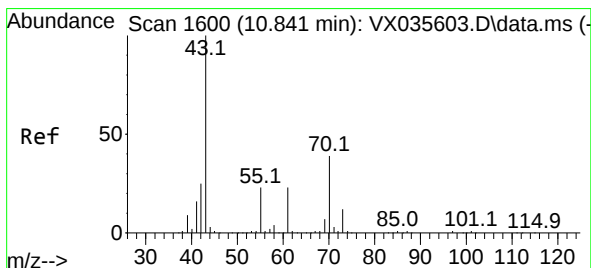
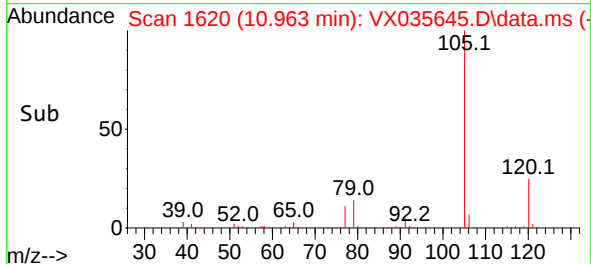
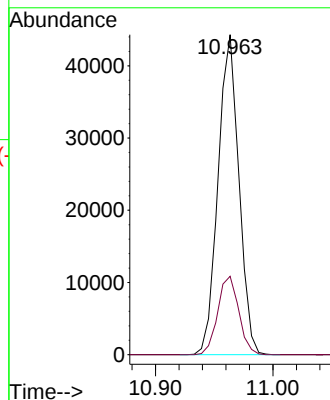
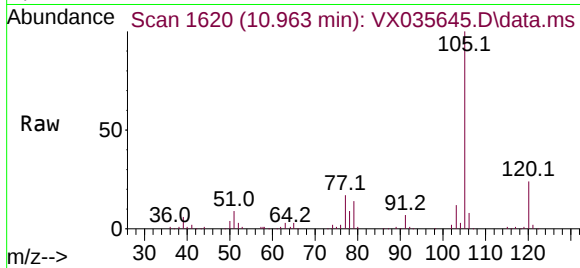




#73
Isopropylbenzene
Concen: 4.384 ug/l
RT: 10.963 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX035645.D
Acq: 12 May 2023 18:01

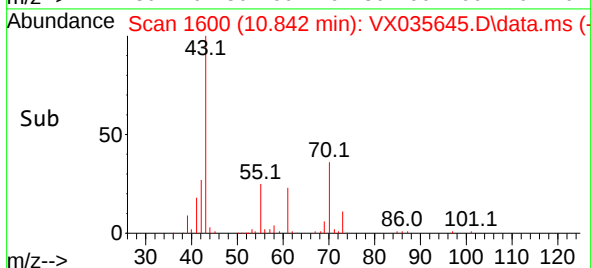
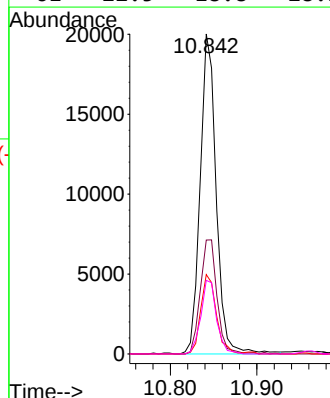
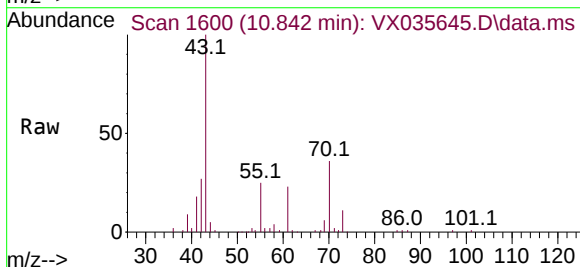
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2023

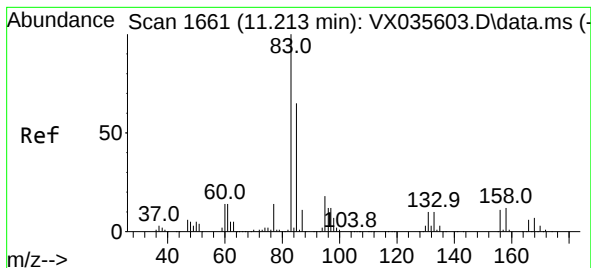
Tgt Ion:105 Resp: 54618
Ion Ratio Lower Upper
105 100
120 24.7 13.3 39.9



#74
N-ethyl acetate
Concen: 4.431 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.001 min
Lab File: VX035645.D
Acq: 12 May 2023 18:01

Tgt Ion: 43 Resp: 25736
Ion Ratio Lower Upper
43 100
70 37.1 32.1 48.1
55 24.0 18.3 27.5
61 22.5 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 4.578 ug/l

RT: 11.213 min Scan# 1661

Delta R.T. 0.000 min

Lab File: VX035645.D

Acq: 12 May 2023 18:01

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2023

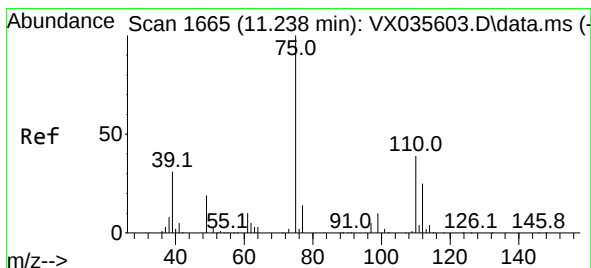
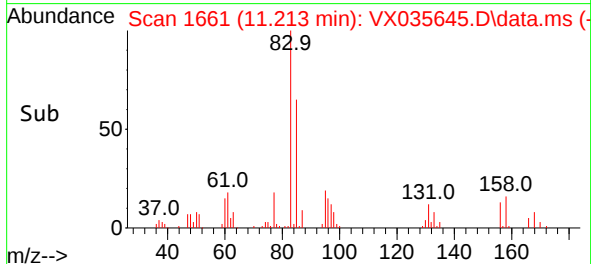
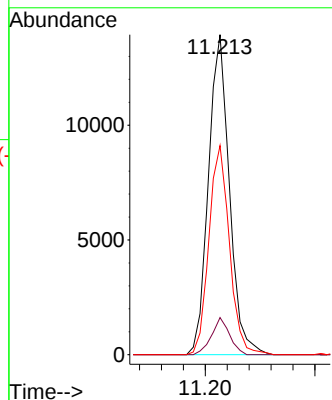
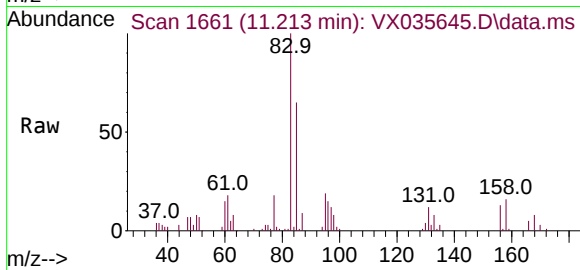
Tgt Ion: 83 Resp: 18500

Ion Ratio Lower Upper

83 100

131 10.0 4.8 14.3

85 64.0 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 5.150 ug/l

RT: 11.238 min Scan# 1665

Delta R.T. -0.000 min

Lab File: VX035645.D

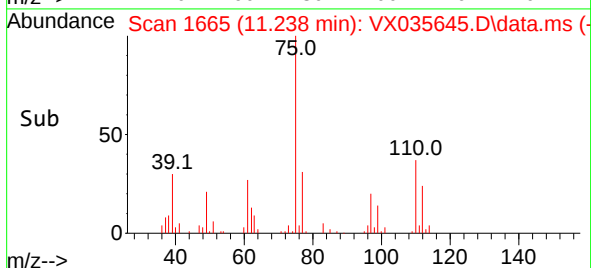
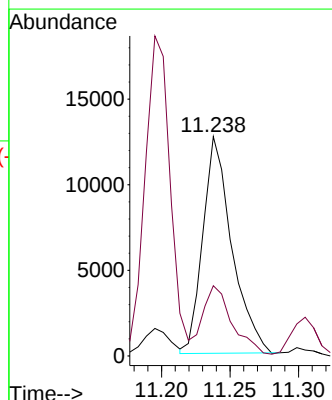
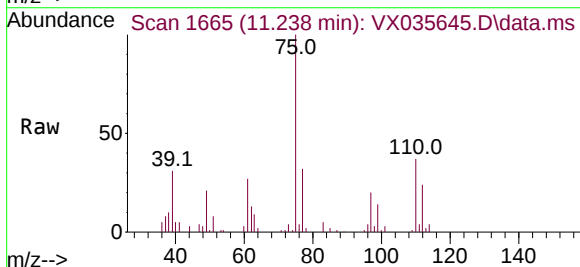
Acq: 12 May 2023 18:01

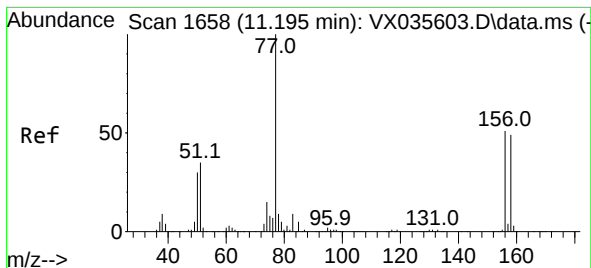
Tgt Ion: 75 Resp: 18624

Ion Ratio Lower Upper

75 100

77 33.7 21.6 64.8





#77

Bromobenzene

Concen: 4.526 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX035645.D

Acq: 12 May 2023 18:01

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2023

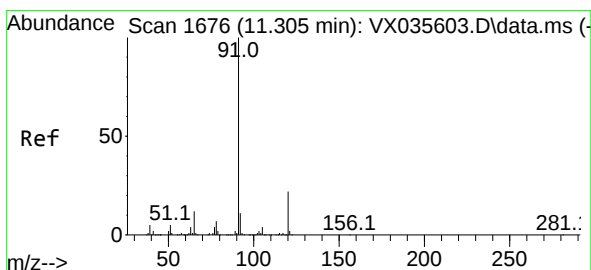
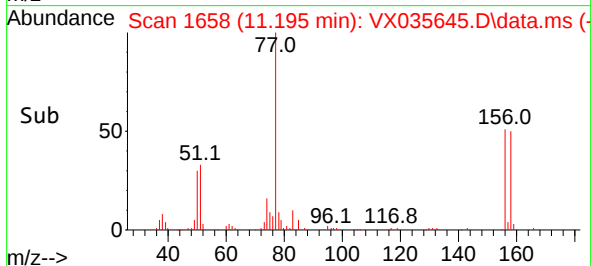
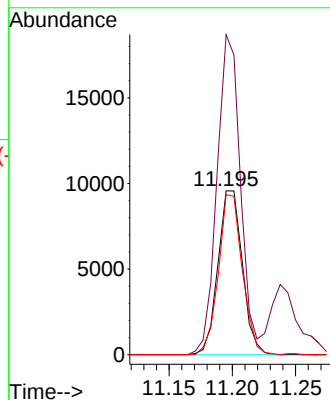
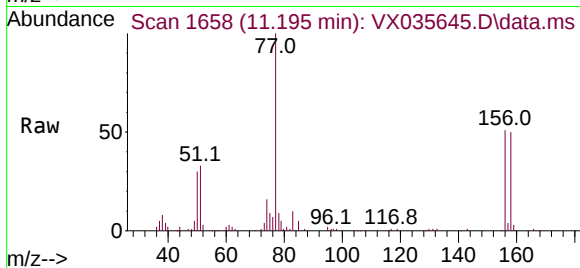
Tgt Ion:156 Resp: 12798

Ion Ratio Lower Upper

156 100

77 187.3 86.7 259.9

158 95.5 48.0 144.0



#78

n-propylbenzene

Concen: 4.214 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX035645.D

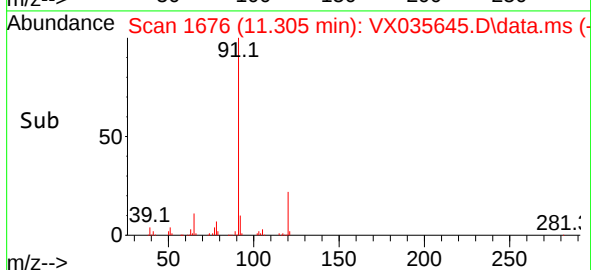
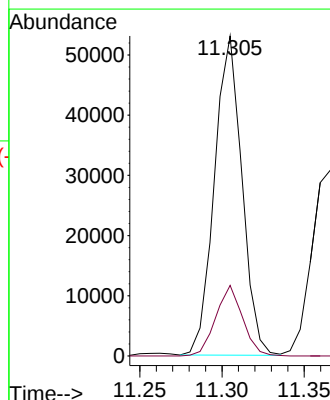
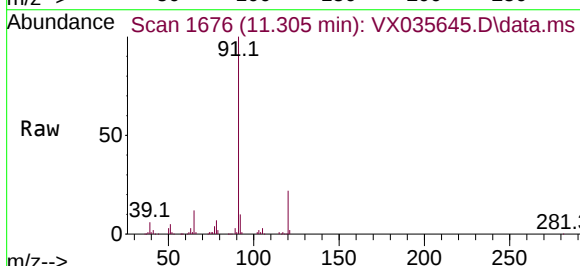
Acq: 12 May 2023 18:01

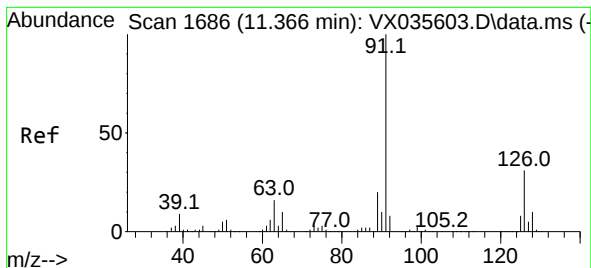
Tgt Ion: 91 Resp: 61706

Ion Ratio Lower Upper

91 100

120 21.5 11.5 34.5





#79

2-Chlorotoluene

Concen: 4.397 ug/l

RT: 11.366 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX035645.D

Acq: 12 May 2023 18:01

Instrument :

MSVOA_X

ClientSampleId :

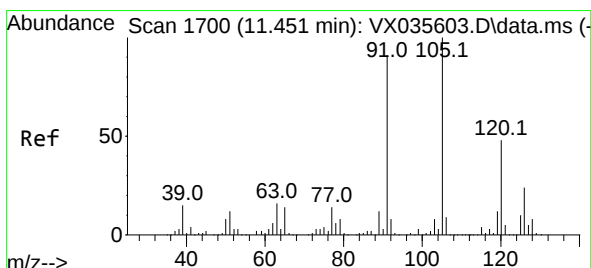
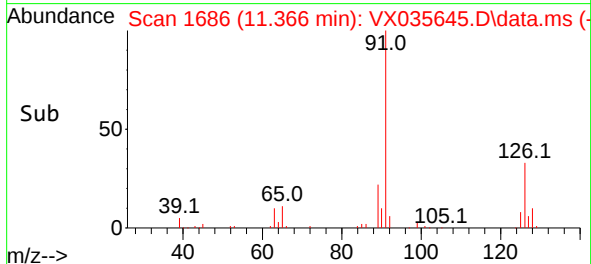
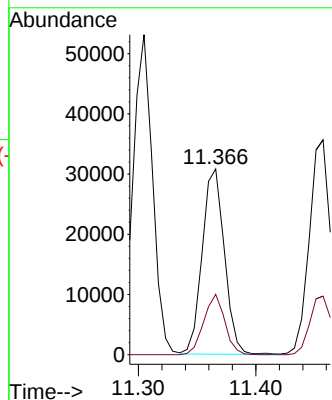
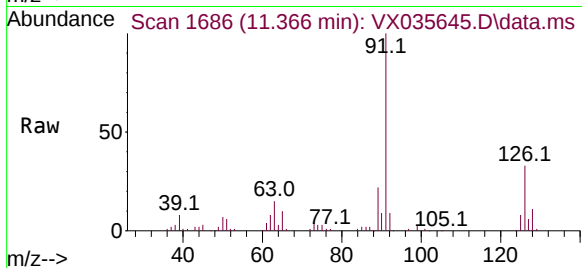
LOQ-WATER-02-QT2-2023

Tgt Ion: 91 Resp: 40316

Ion Ratio Lower Upper

91 100

126 30.7 16.3 48.9



#80

1,3,5-Trimethylbenzene

Concen: 4.318 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX035645.D

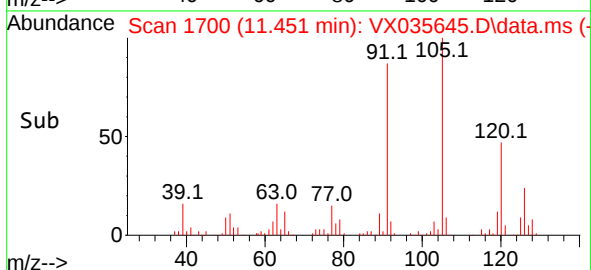
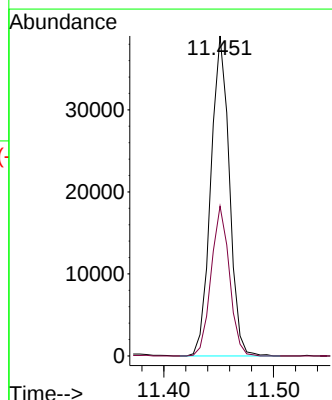
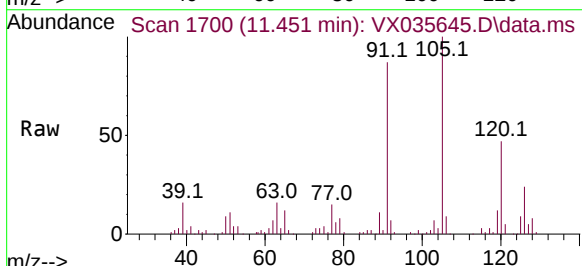
Acq: 12 May 2023 18:01

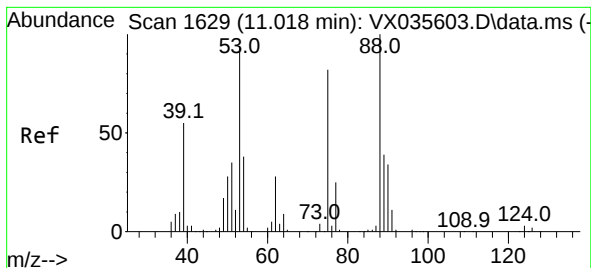
Tgt Ion:105 Resp: 45723

Ion Ratio Lower Upper

105 100

120 46.1 23.7 71.1

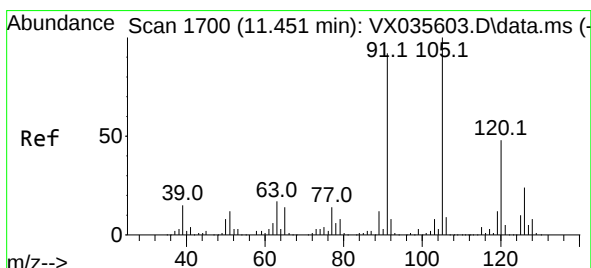
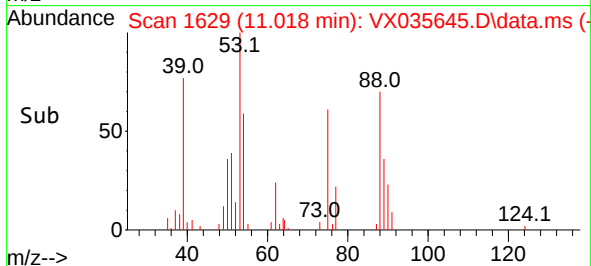
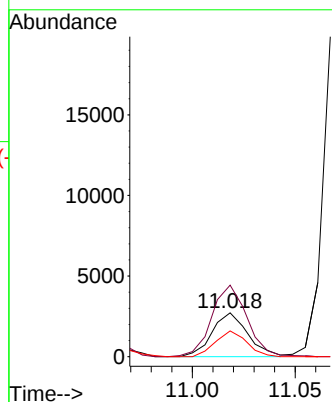
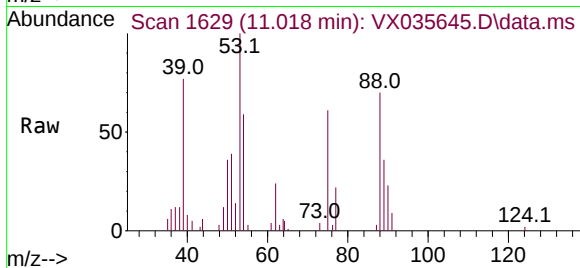




#81
trans-1,4-Dichloro-2-butene
Concen: 2.925 ug/l
RT: 11.018 min Scan# 1101
Delta R.T. 0.000 min
Lab File: VX035645.D
Acq: 12 May 2023 18:01

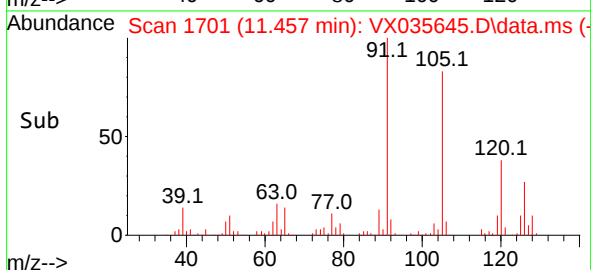
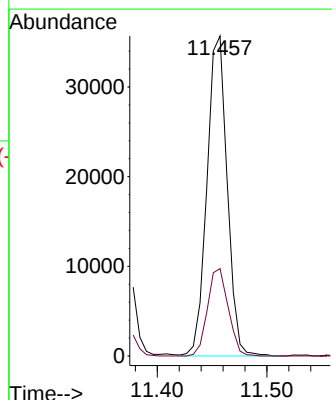
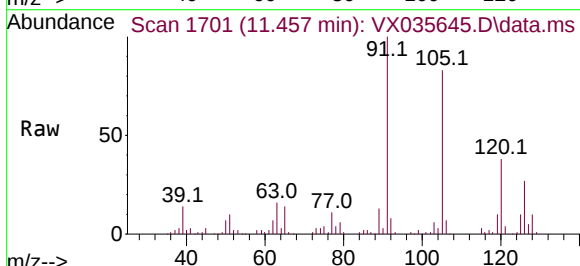
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT2-2023

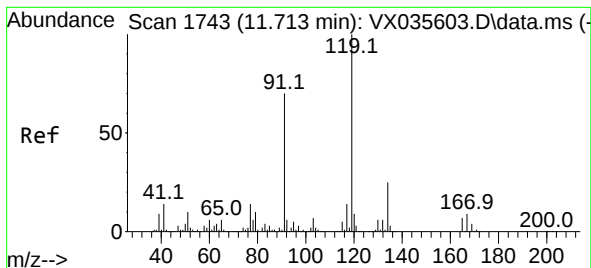
Tgt Ion: 75 Resp: 3282
Ion Ratio Lower Upper
75 100
53 162.0 82.6 124.0#
89 51.6 36.9 55.3



#82
4-Chlorotoluene
Concen: 4.337 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX035645.D
Acq: 12 May 2023 18:01

Tgt Ion: 91 Resp: 45797
Ion Ratio Lower Upper
91 100
126 27.9 14.2 42.6





#83

tert-Butylbenzene

Concen: 4.095 ug/l

RT: 11.713 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX035645.D

Acq: 12 May 2023 18:01

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2023

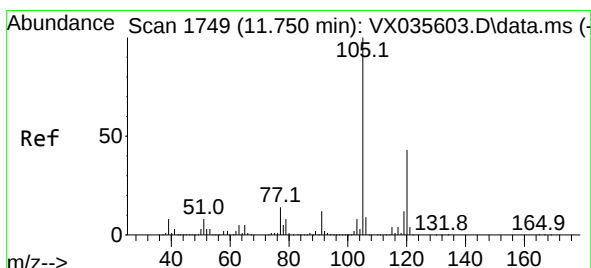
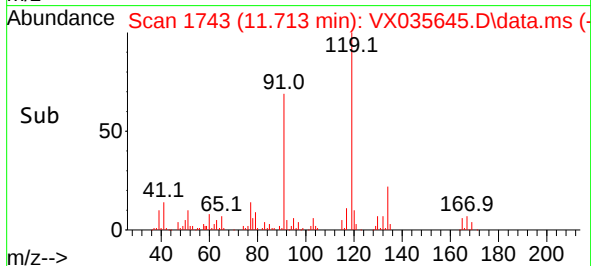
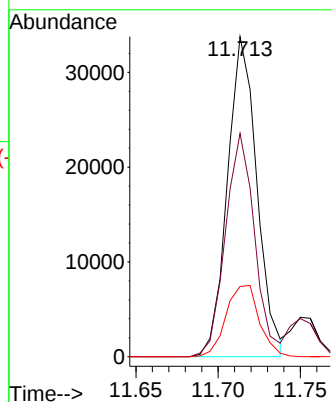
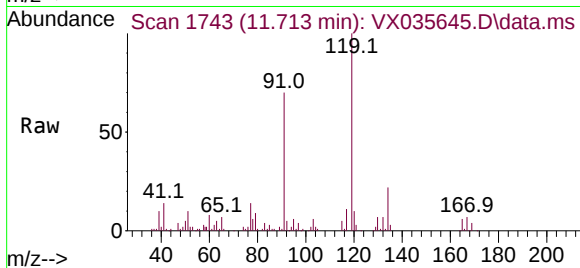
Tgt Ion:119 Resp: 42150

Ion Ratio Lower Upper

119 100

91 69.2 30.6 92.0

134 25.2 11.8 35.4



#84

1,2,4-Trimethylbenzene

Concen: 4.294 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX035645.D

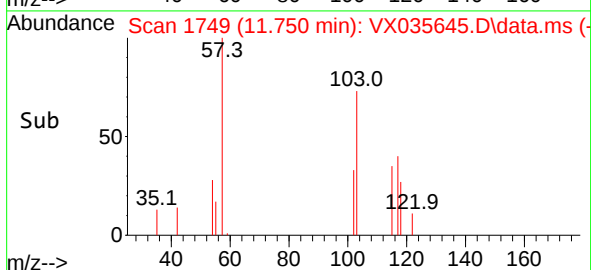
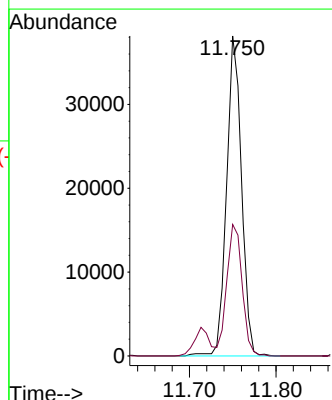
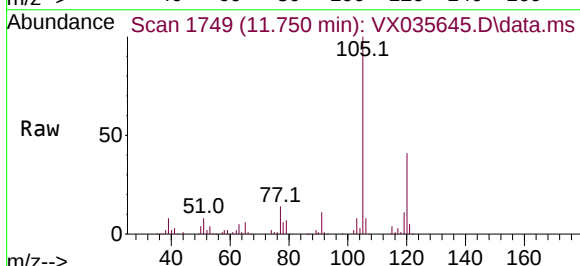
Acq: 12 May 2023 18:01

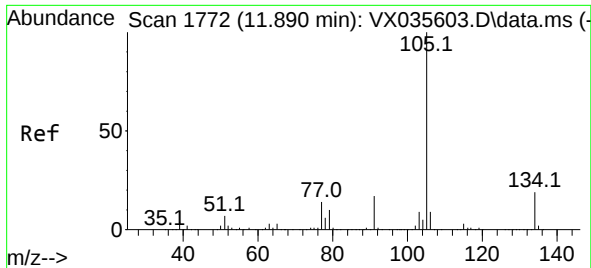
Tgt Ion:105 Resp: 45653

Ion Ratio Lower Upper

105 100

120 42.2 22.4 67.0

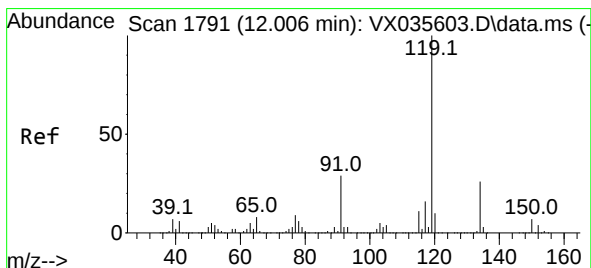
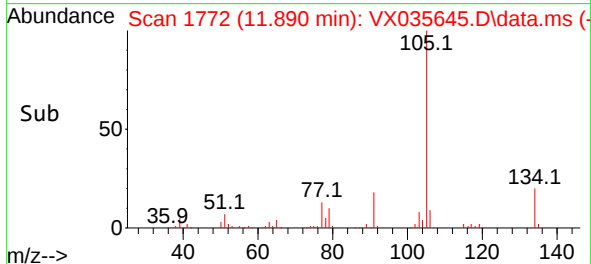
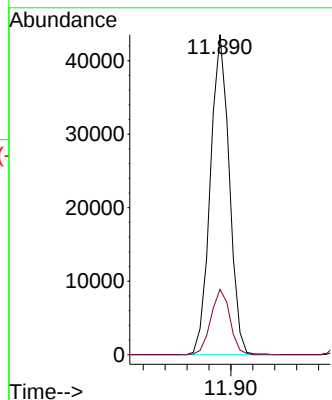
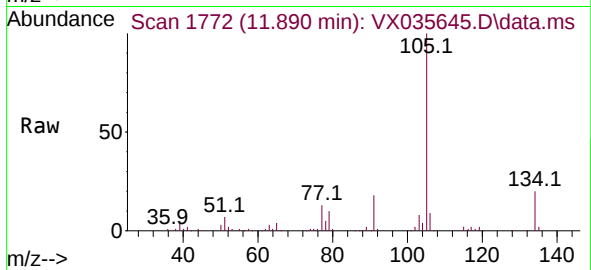




#85
 sec-Butylbenzene
 Concen: 4.035 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX035645.D
 Acq: 12 May 2023 18:01

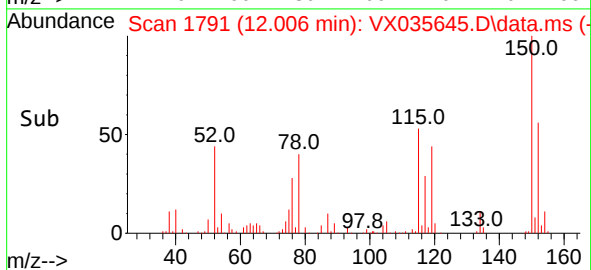
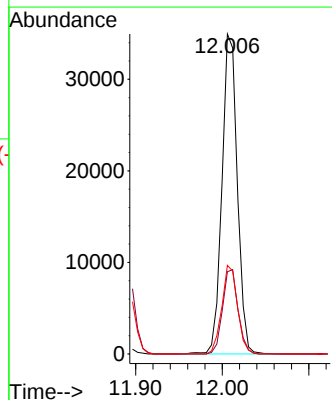
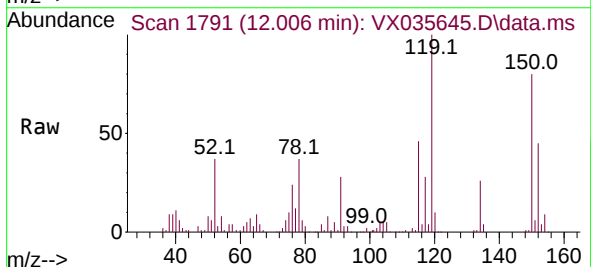
Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT2-2023

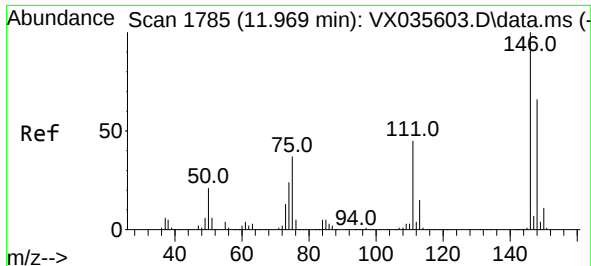
Tgt Ion:105 Resp: 52147
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 4.044 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX035645.D
 Acq: 12 May 2023 18:01

Tgt Ion:119 Resp: 42964
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.2 39.5
 91 28.2 12.9 38.7





#87

1,3-Dichlorobenzene

Concen: 4.350 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX035645.D

Acq: 12 May 2023 18:01

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2023

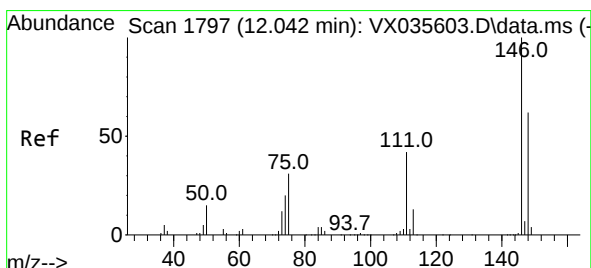
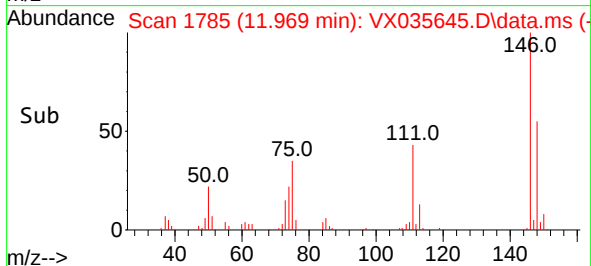
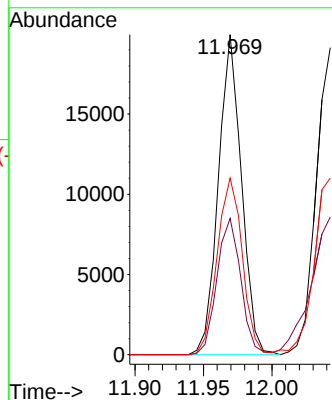
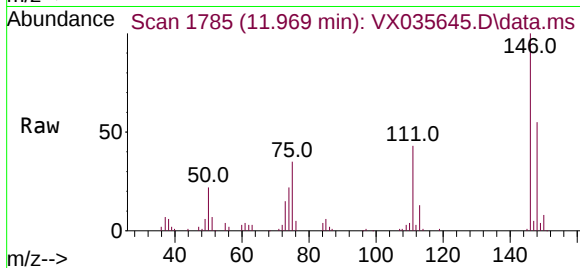
Tgt Ion:146 Resp: 23368

Ion Ratio Lower Upper

146 100

111 44.0 20.9 62.8

148 60.2 31.6 95.0



#88

1,4-Dichlorobenzene

Concen: 4.442 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.001 min

Lab File: VX035645.D

Acq: 12 May 2023 18:01

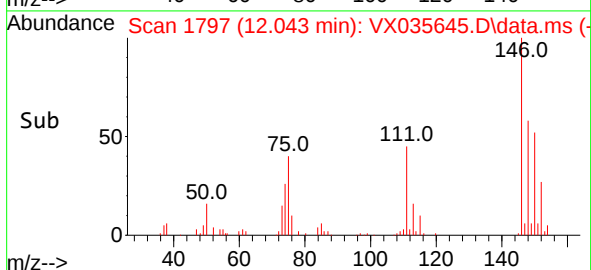
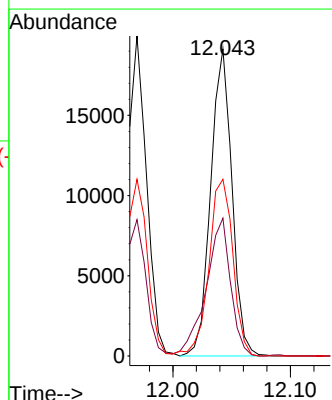
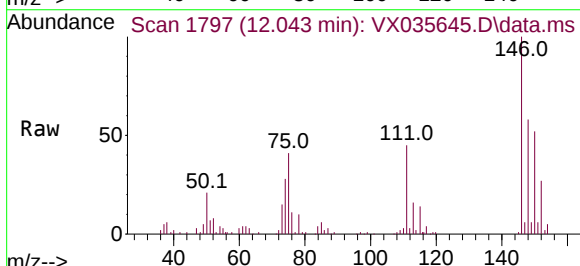
Tgt Ion:146 Resp: 24092

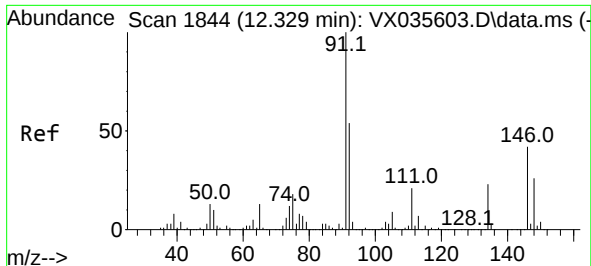
Ion Ratio Lower Upper

146 100

111 51.7 20.6 61.9

148 64.7 31.8 95.4





#89

n-Butylbenzene

Concen: 3.621 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX035645.D

Acq: 12 May 2023 18:01

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2023

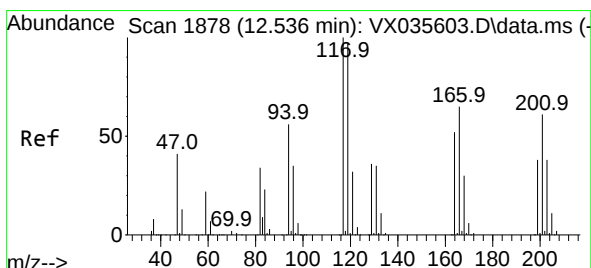
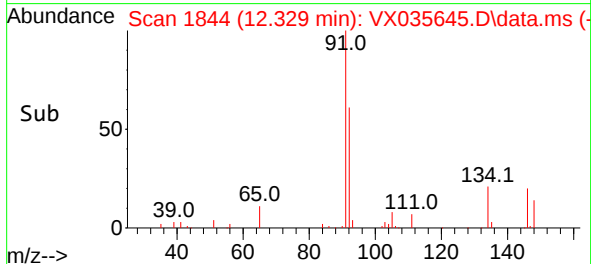
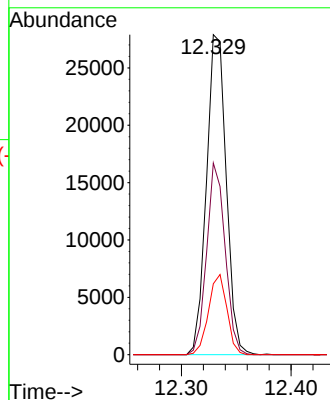
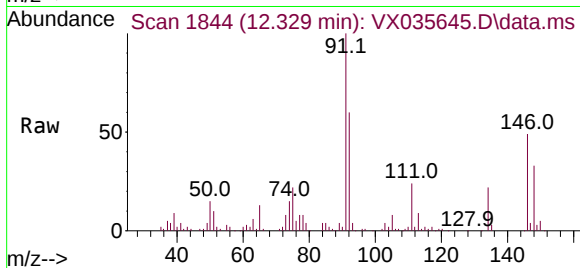
Tgt Ion: 91 Resp: 34991

Ion Ratio Lower Upper

91 100

92 55.9 27.7 83.0

134 23.3 13.0 38.9



#90

Hexachloroethane

Concen: 3.397 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX035645.D

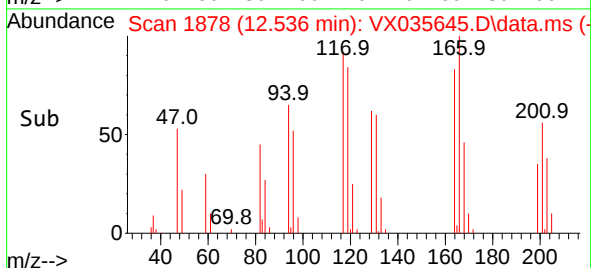
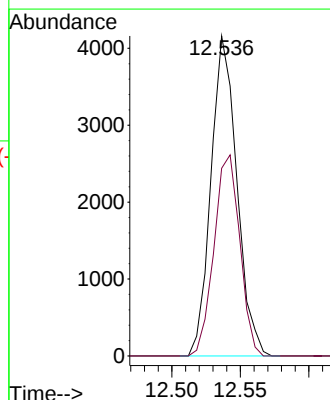
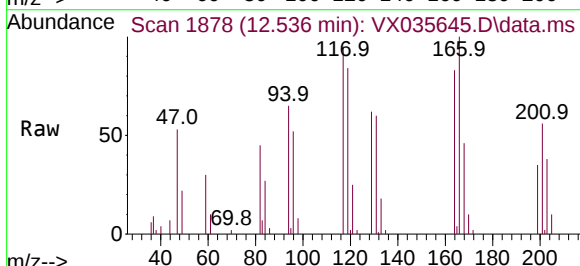
Acq: 12 May 2023 18:01

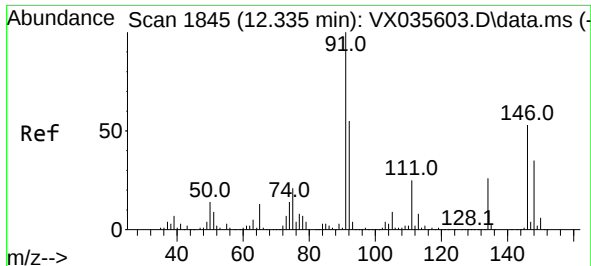
Tgt Ion: 117 Resp: 5470

Ion Ratio Lower Upper

117 100

201 62.5 34.4 103.1

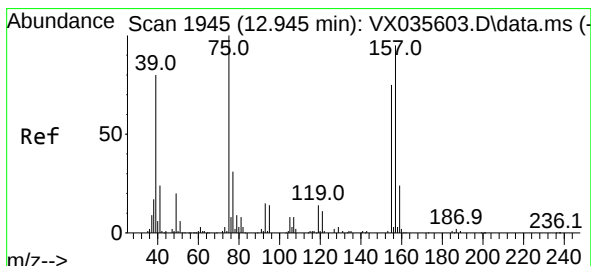
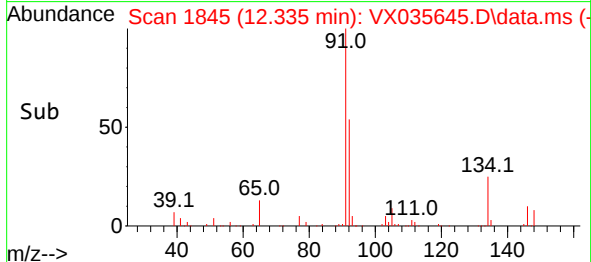
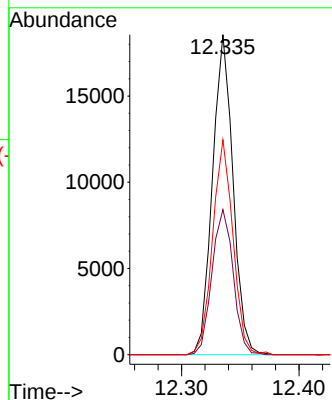
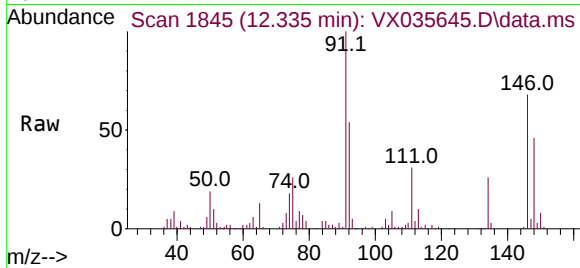




#91
1,2-Dichlorobenzene
Concen: 4.280 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX035645.D
Acq: 12 May 2023 18:01

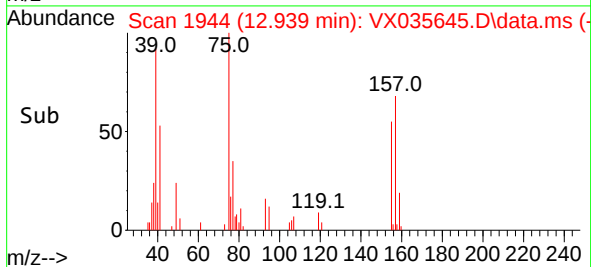
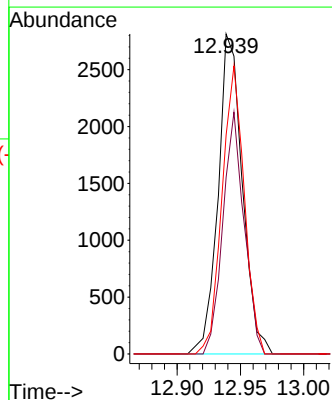
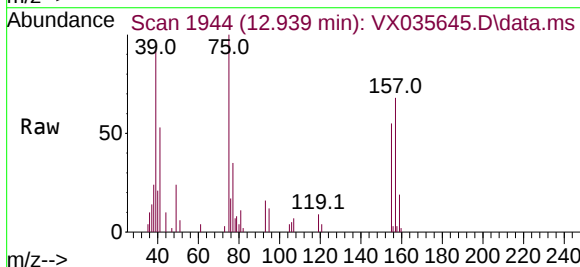
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2023

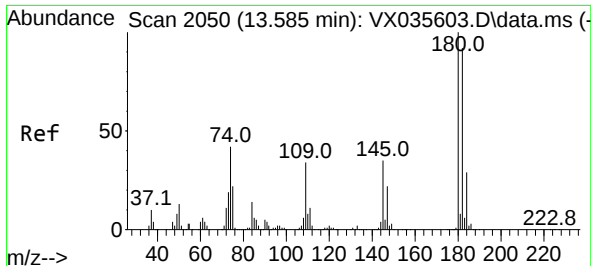
Tgt Ion:146 Resp: 22513
Ion Ratio Lower Upper
146 100
111 46.9 22.0 66.0
148 66.9 32.0 96.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 4.163 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.006 min
Lab File: VX035645.D
Acq: 12 May 2023 18:01

Tgt Ion: 75 Resp: 3746
Ion Ratio Lower Upper
75 100
155 66.2 38.4 115.1
157 82.3 49.9 149.7

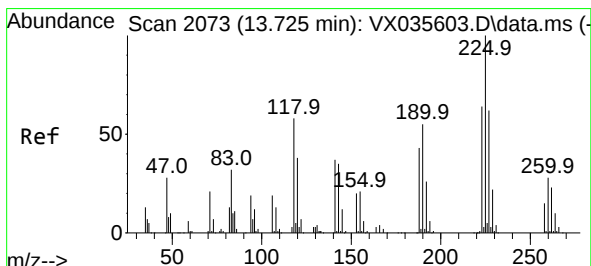
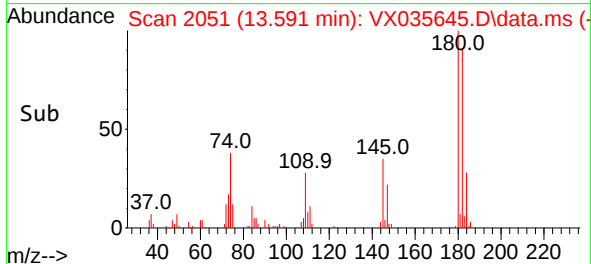
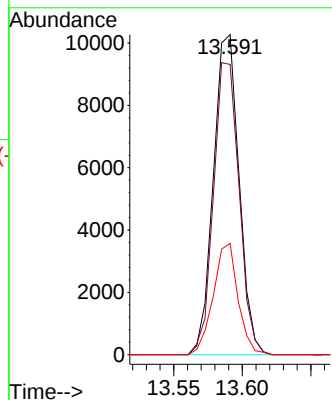
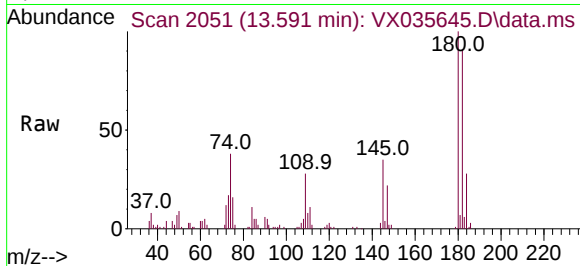




#93
1,2,4-Trichlorobenzene
Concen: 4.214 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX035645.D
Acq: 12 May 2023 18:01

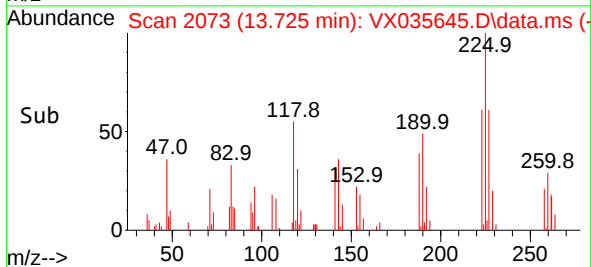
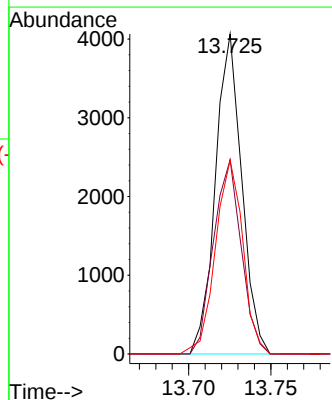
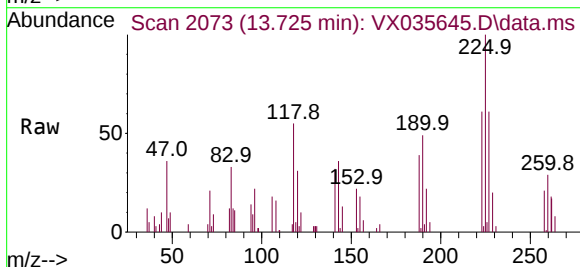
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2023

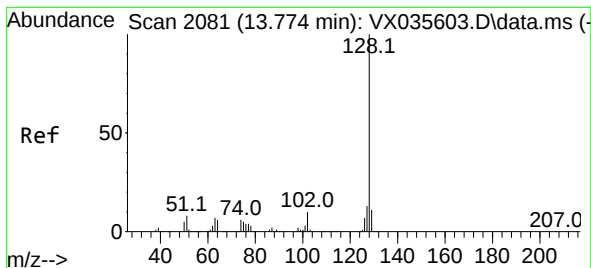
Tgt Ion:180 Resp: 13345
Ion Ratio Lower Upper
180 100
182 91.3 47.0 141.0
145 33.7 15.9 47.7



#94
Hexachlorobutadiene
Concen: 3.601 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX035645.D
Acq: 12 May 2023 18:01

Tgt Ion:225 Resp: 4527
Ion Ratio Lower Upper
225 100
223 64.1 32.1 96.5
227 63.0 31.8 95.4





#95

Naphthalene

Concen: 4.496 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX035645.D

Acq: 12 May 2023 18:01

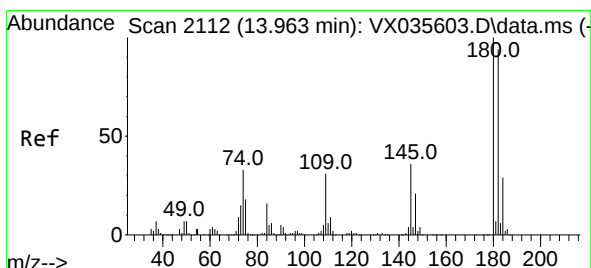
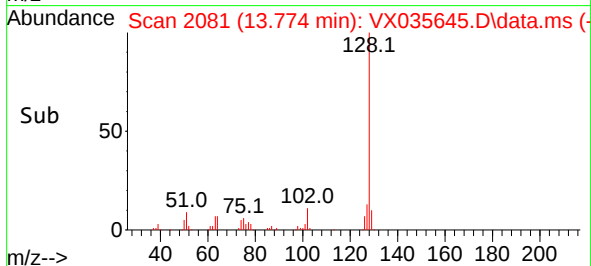
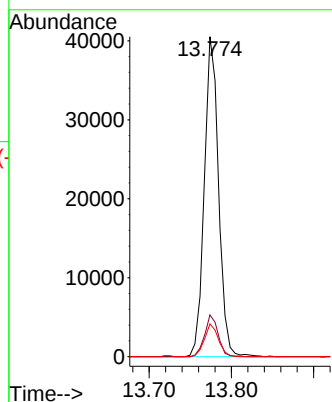
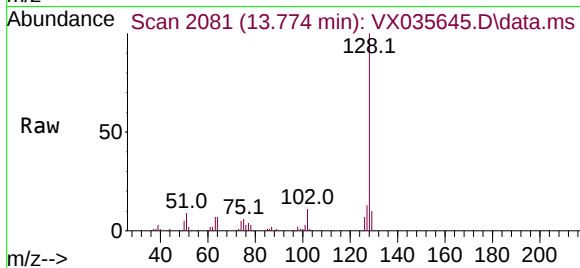
Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2023

Tgt Ion:128	Resp:	48764
Ion Ratio	Lower	Upper
128	100	
127	12.4	10.2 15.4
129	10.0	8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 4.167 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX035645.D

Acq: 12 May 2023 18:01

Tgt Ion:180	Resp:	12980
Ion Ratio	Lower	Upper
180	100	
182	97.3	48.0 144.2
145	35.6	17.7 53.1

