

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051524\
 Data File : VX041542.D
 Acq On : 15 May 2024 16:20
 Operator : JC/MD
 Sample : P2403-08 5.0PPB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT2-2024

Quant Time: May 16 05:27:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X051524W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu May 16 05:13:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.897	128	28222	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	157335	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	142400	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	66356	29.857	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	99.533%
60) 4-Bromofluorobenzene	11.079	95	65315	29.382	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	97.933%
63) Toluene-d8	8.647	98	188545	30.888	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	102.967%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	7251	4.912	ug/l	99
3) Chloromethane	1.294	50	8418	5.208	ug/l	94
4) Vinyl Chloride	1.374	62	8595	5.050	ug/l	99
5) Bromomethane	1.599	94	5474	5.057	ug/l	98
6) Chloroethane	1.666	64	4220	4.904	ug/l	88
7) Trichlorofluoromethane	1.867	101	14087	5.453	ug/l	97
8) Diethyl Ether	2.136	74	4925	5.105	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.319	101	8181	5.461	ug/l	100
10) 1,1-Dichloroethene	2.306	96	7621	5.278	ug/l	95
11) Methyl Iodide	2.447	142	6819	3.965	ug/l	100
12) Methyl Acetate	2.709	43	11703	5.382	ug/l	98
13) Acrolein	2.239	56	4877	18.422	ug/l	92
14) Acrylonitrile	3.075	53	24415	25.536	ug/l	99
15) Acetone	2.392	58	6902	26.943	ug/l	96
16) Carbon Disulfide	2.501	76	14949	4.585	ug/l	100
17) Allyl chloride	2.660	41	12240	4.777	ug/l	96
18) Methylene Chloride	2.788	84	9326	5.431	ug/l	96
19) trans-1,2-Dichloroethene	3.087	96	7714	4.659	ug/l	96
20) Diisopropyl ether	3.770	45	26563	4.934	ug/l	96
21) 1,1-Dichloroethane	3.611	63	14559	4.818	ug/l	99
22) cis-1,2-Dichloroethene	4.489	96	9700	4.821	ug/l	98
23) tert-Butyl Alcohol	3.001	59	8383	20.661	ug/l #	100
24) Methyl tert-Butyl Ether	3.117	73	26368	4.891	ug/l	99
25) Chloroform	5.092	83	15710	4.880	ug/l	98
26) Cyclohexane	5.464	56	12229	4.853	ug/l #	100
29) 1,1-Dichloropropene	5.690	75	10158	4.881	ug/l	99
30) 2-Butanone	4.580	43	34596	25.043	ug/l	100
31) 2,2-Dichloropropane	4.471	77	11196	4.584	ug/l	98
32) 1,1,1-Trichloroethane	5.373	97	13077	4.683	ug/l	100
33) Carbon Tetrachloride	5.672	117	10788	4.515	ug/l	95
34) Benzene	6.037	78	33170	5.046	ug/l	99
35) Methacrylonitrile	4.934	41	6421	4.608	ug/l	93
36) 1,2-Dichloroethane	6.086	62	12261	4.999	ug/l #	86
37) Trichloroethene	7.129	130	9145	4.994	ug/l	99
38) Methylcyclohexane	7.379	83	12910	4.885	ug/l	98
39) 1,2-Dichloropropane	7.434	63	7677	4.941	ug/l	95
40) Dibromomethane	7.586	93	5978	4.889	ug/l	99
41) Bromodichloromethane	7.824	83	10205	4.445	ug/l	96
42) Vinyl Acetate	3.721	43	113612	23.704	ug/l	100

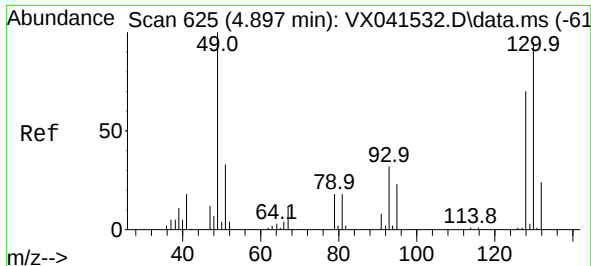
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051524\
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Quant Time: May 16 05:27:31 2024
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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.727	43	12325	4.624	ug/l	94
44) Isopropyl Acetate	6.348	43	19646	4.876	ug/l	99
45) 1,4-Dioxane	7.677	88	2882	63.424	ug/l #	80
46) Methyl methacrylate	7.702	41	8822	4.401	ug/l	95
47) n-amyl Acetate	10.848	43	15146	4.145	ug/l	97
48) t-1,3-Dichloropropene	8.982	75	9330	4.047	ug/l	94
49) cis-1,3-Dichloropropene	8.372	75	10793	4.322	ug/l	95
50) 1,1,2-Trichloroethane	9.153	97	8350	4.909	ug/l	94
51) Ethyl methacrylate	9.122	69	11997	4.381	ug/l	97
52) 1,3-Dichloropropane	9.311	76	13956	4.965	ug/l	98
53) Dibromochloromethane	9.519	129	8176	4.224	ug/l	98
54) 1,2-Dibromoethane	9.610	107	8782	4.868	ug/l	99
55) 2-Chloroethyl vinyl ether	8.244	63	31415	23.505	ug/l	99
56) Bromoform	10.799	173	5897	3.803	ug/l	97
58) 4-Methyl-2-Pentanone	8.580	43	66298	25.481	ug/l	99
59) 2-Hexanone	9.433	43	51001	24.605	ug/l	99
61) Tetrachloroethene	9.275	164	8837	5.072	ug/l	95
62) Toluene	8.720	91	36159	5.103	ug/l	99
64) Chlorobenzene	10.079	112	24099	5.007	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.165	131	7998	4.695	ug/l	99
66) Ethyl Benzene	10.195	91	37308	4.742	ug/l	99
67) m/p-Xylenes	10.299	106	29490	9.585	ug/l	96
68) o-Xylene	10.640	106	15207	4.910	ug/l	97
69) Styrene	10.659	104	23458	4.517	ug/l	99
70) Isopropylbenzene	10.963	105	37311	4.768	ug/l	96
71) 1,1,2,2-Tetrachloroethane	11.213	83	13525	5.031	ug/l	99
72) 1,2,3-Trichloropropane	11.238	75	14153	5.838	ug/l	89
73) Bromobenzene	11.201	156	10858	4.722	ug/l	97
74) n-propylbenzene	11.305	91	39952	4.527	ug/l	99
75) 2-Chlorotoluene	11.366	91	27876	5.030	ug/l	96
76) 1,3,5-Trimethylbenzene	11.451	105	31059	4.650	ug/l	97
77) t-1,4-Dichloro-2-butene	11.018	75	2792	3.664	ug/l	91
78) 4-Chlorotoluene	11.457	91	29575	4.686	ug/l	99
79) tert-butylbenzene	11.713	119	32908	4.629	ug/l	99
80) 1,2,4-Trimethylbenzene	11.750	105	30820	4.603	ug/l	98
81) sec-Butylbenzene	11.890	105	37721	4.541	ug/l	99
82) p-Isopropyltoluene	12.006	119	29795	4.097	ug/l	98
83) 1,3-Dichlorobenzene	11.969	146	18865	4.574	ug/l	98
84) 1,4-Dichlorobenzene	12.042	146	18124	4.349	ug/l	98
85) n-Butylbenzene	12.335	91	22258	3.804	ug/l	99
86) Hexachloroethane	12.536	117	4841	3.954	ug/l	99
87) 1,2-Dichlorobenzene	12.335	146	19867	4.720	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	12.939	75	2637	4.466	ug/l	96
89) 1,2,4-Trichlorobenzene	13.591	180	11952	4.226	ug/l	99
90) Hexachlorobutadiene	13.725	225	6544	4.743	ug/l	98
91) Naphthalene	13.780	128	37386	4.423	ug/l	98
92) 1,2,3-Trichlorobenzene	13.963	180	12990	4.495	ug/l	98

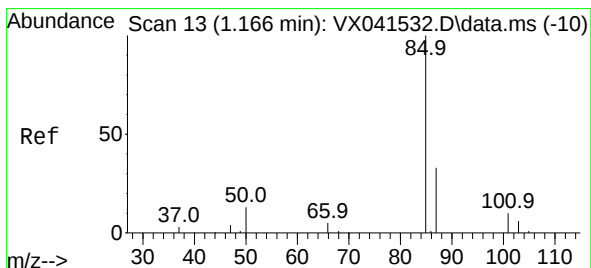
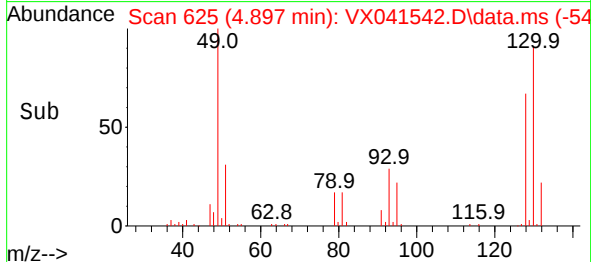
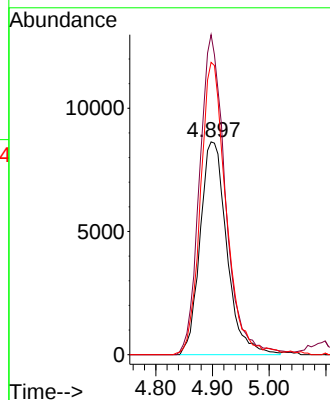
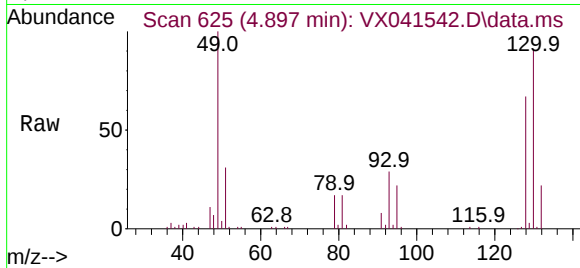
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 Bromochloromethane
 Concen: 30.000 ug/l
 RT: 4.897 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: VX041542.D
 Acq: 15 May 2024 16:20

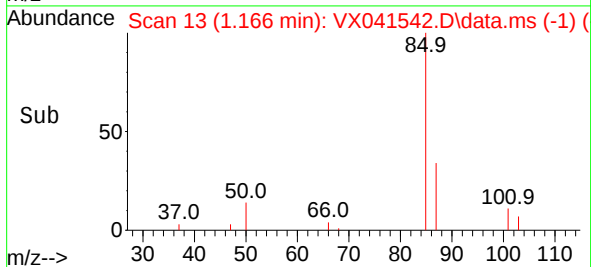
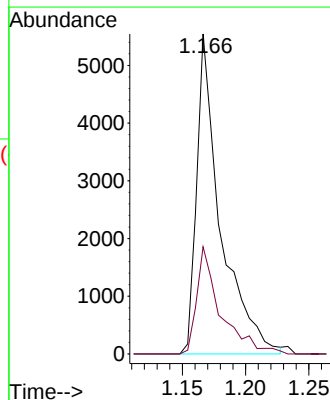
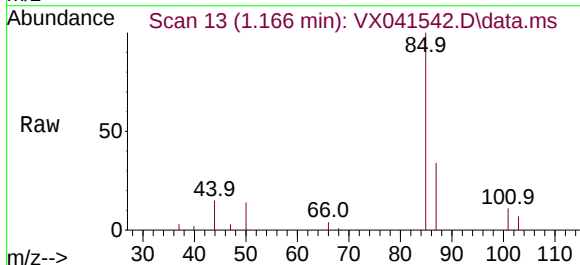
Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT2-2024

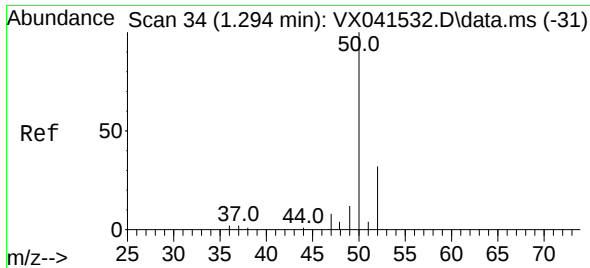
Tgt Ion:	128	Resp:	28222
Ion	Ratio	Lower	Upper
128	100		
49	143.9	0.0	361.5
130	129.9	0.0	324.3



#2
 Dichlorodifluoromethane
 Concen: 4.912 ug/l
 RT: 1.166 min Scan# 13
 Delta R.T. 0.000 min
 Lab File: VX041542.D
 Acq: 15 May 2024 16:20

Tgt Ion:	85	Resp:	7251
Ion	Ratio	Lower	Upper
85	100		
87	33.5	16.4	49.1

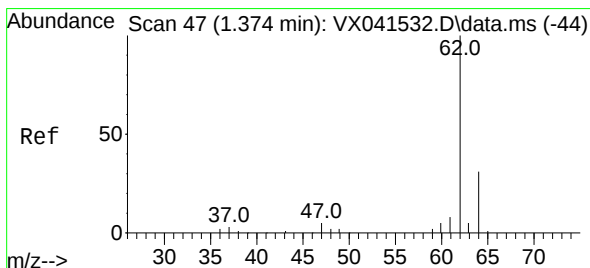
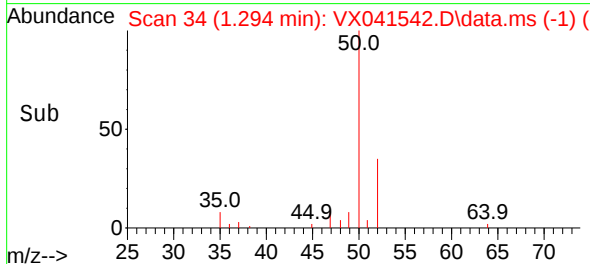
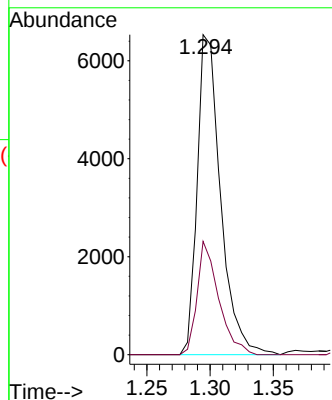
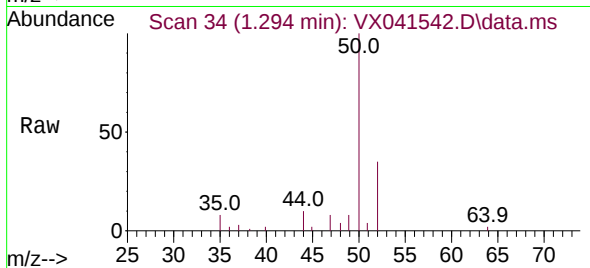




#3
Chloromethane
Concen: 5.208 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX041542.D
Acq: 15 May 2024 16:20

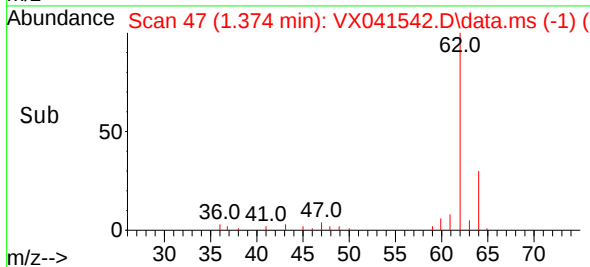
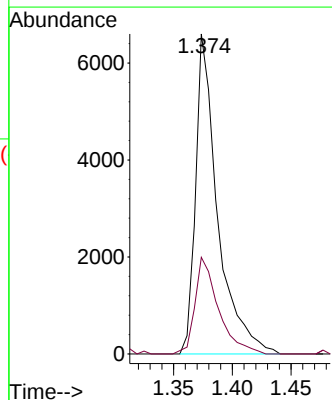
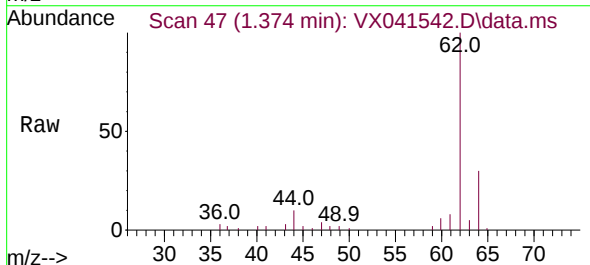
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2024

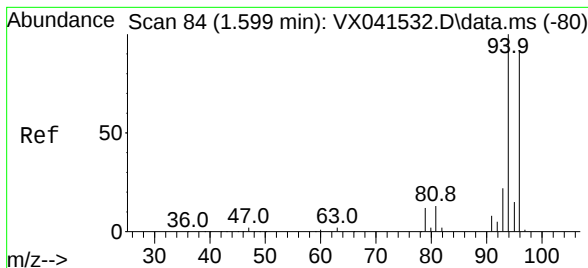
Tgt Ion: 50 Resp: 8418
Ion Ratio Lower Upper
50 100
52 35.4 25.8 38.8



#4
Vinyl Chloride
Concen: 5.050 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX041542.D
Acq: 15 May 2024 16:20

Tgt Ion: 62 Resp: 8595
Ion Ratio Lower Upper
62 100
64 30.2 24.6 37.0





#5

Bromomethane

Concen: 5.057 ug/l

RT: 1.599 min Scan# 84

Delta R.T. 0.000 min

Lab File: VX041542.D

Acq: 15 May 2024 16:20

Instrument :

MSVOA_X

ClientSampleId :

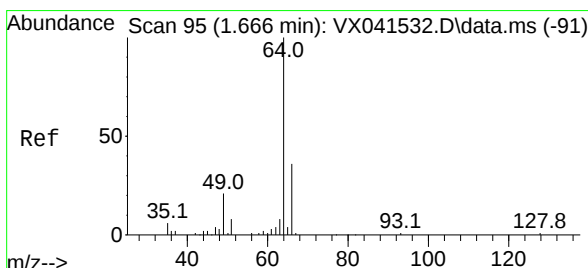
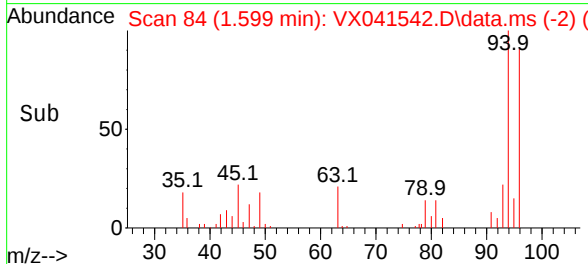
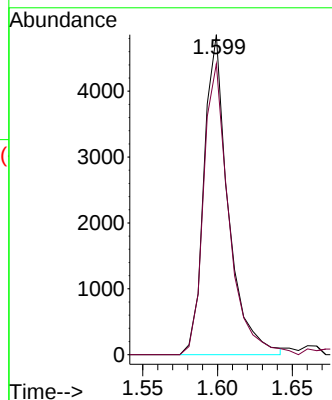
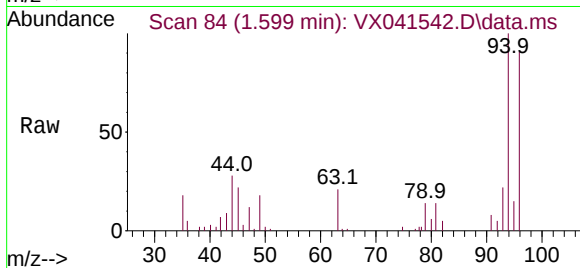
LOQ-WATER-02-QT2-2024

Tgt Ion: 94 Resp: 5474

Ion Ratio Lower Upper

94 100

96 90.9 73.9 110.9



#6

Chloroethane

Concen: 4.904 ug/l

RT: 1.666 min Scan# 95

Delta R.T. 0.000 min

Lab File: VX041542.D

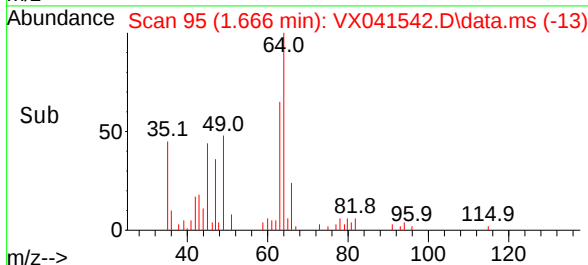
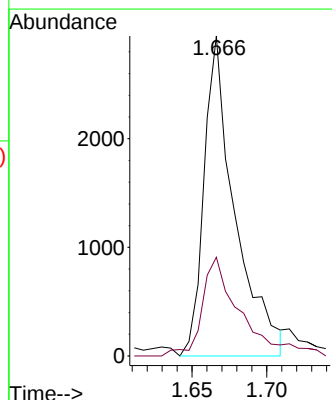
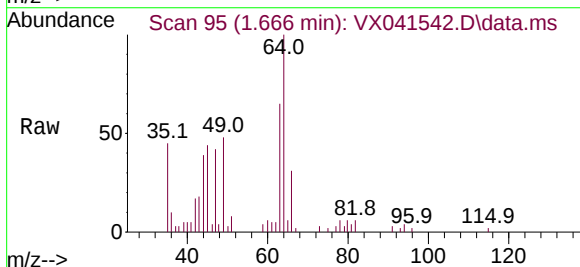
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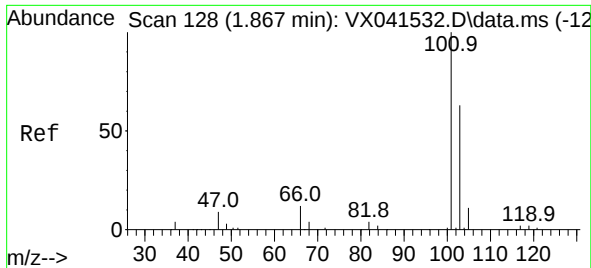
Tgt Ion: 64 Resp: 4220

Ion Ratio Lower Upper

64 100

66 28.8 28.6 42.8

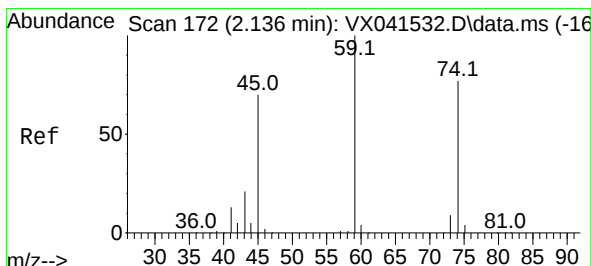
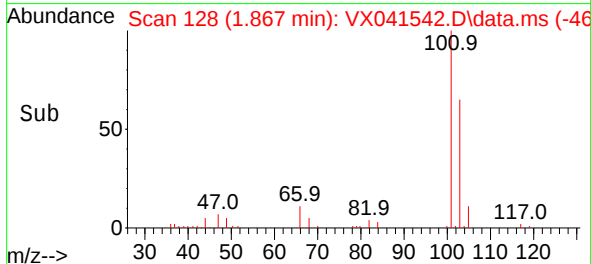
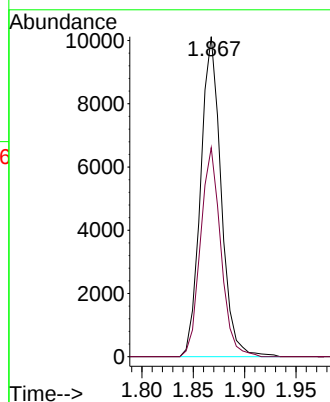
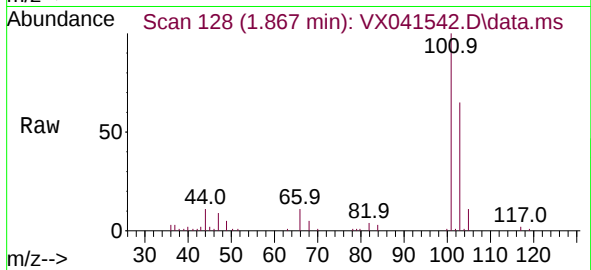




#7
 Trichlorofluoromethane
 Concen: 5.453 ug/l
 RT: 1.867 min Scan# 128
 Delta R.T. 0.000 min
 Lab File: VX041542.D
 Acq: 15 May 2024 16:20

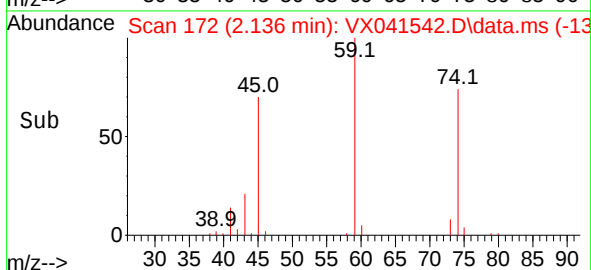
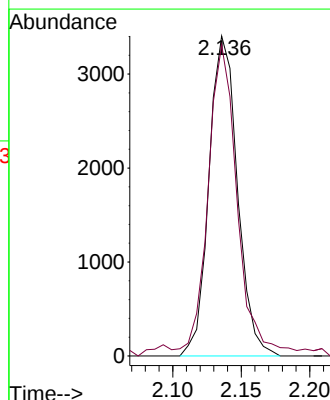
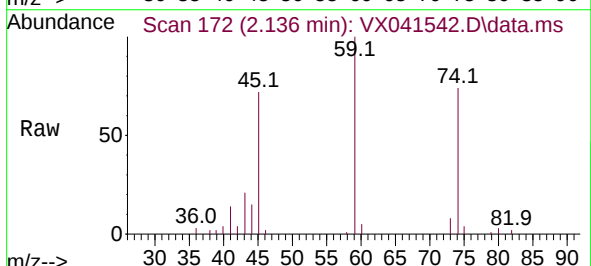
Instrument : MSVOA_X
 ClientSampleId : LOQ-WATER-02-QT2-2024

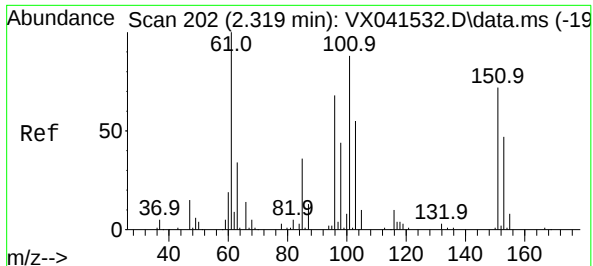
Tgt Ion:101 Resp: 14087
 Ion Ratio Lower Upper
 101 100
 103 65.3 50.1 75.1



#8
 Diethyl Ether
 Concen: 5.105 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. 0.000 min
 Lab File: VX041542.D
 Acq: 15 May 2024 16:20

Tgt Ion: 74 Resp: 4925
 Ion Ratio Lower Upper
 74 100
 45 101.3 18.6 167.4

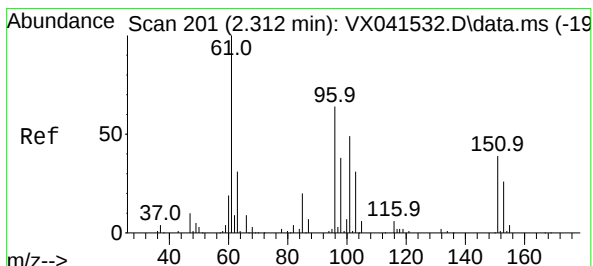
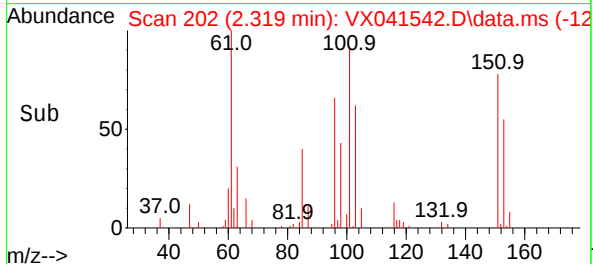
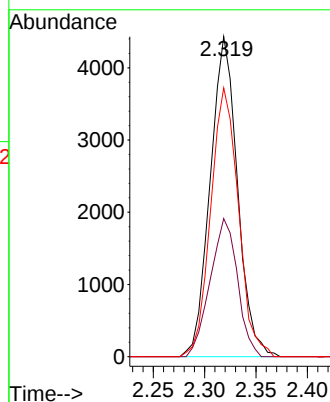
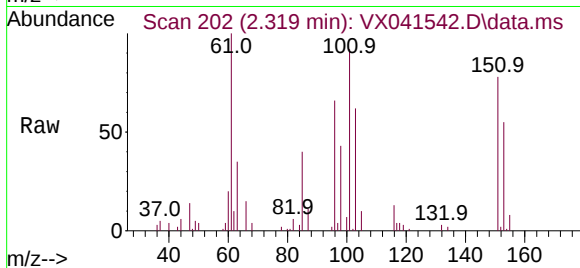




#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.461 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX041542.D
Acq: 15 May 2024 16:20

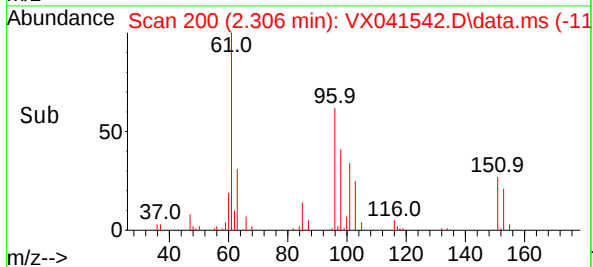
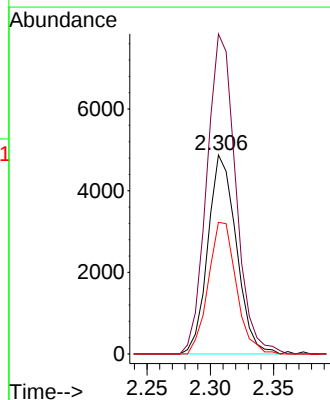
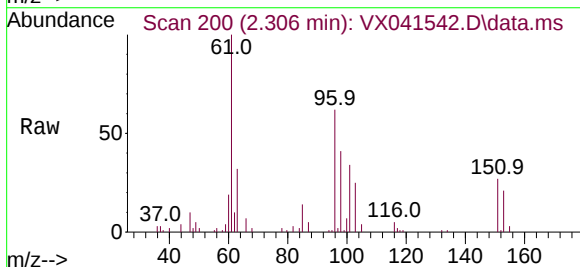
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2024

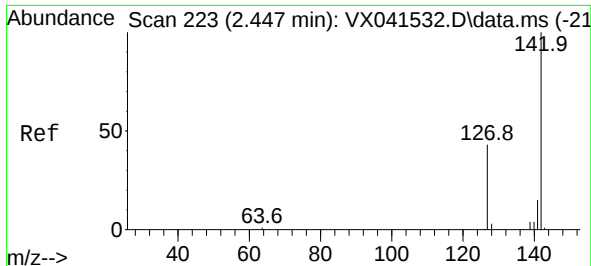
Tgt Ion:101 Resp: 8181
Ion Ratio Lower Upper
101 100
85 43.1 0.0 84.6
151 85.1 0.0 170.2



#10
1,1-Dichloroethene
Concen: 5.278 ug/l
RT: 2.306 min Scan# 200
Delta R.T. -0.006 min
Lab File: VX041542.D
Acq: 15 May 2024 16:20

Tgt Ion: 96 Resp: 7621
Ion Ratio Lower Upper
96 100
61 160.8 124.5 186.7
98 66.1 47.9 71.9

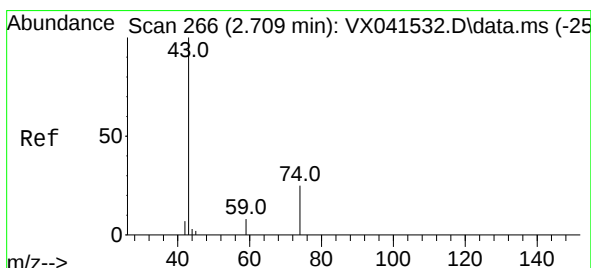
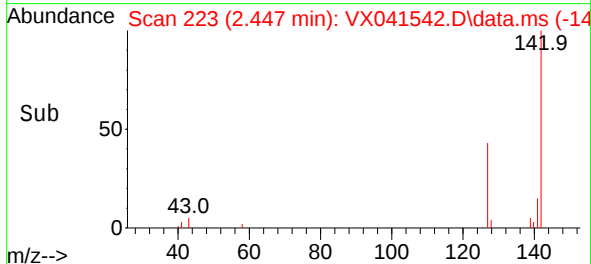
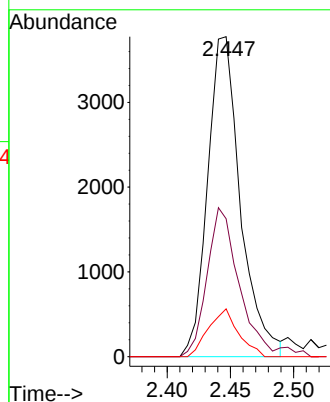
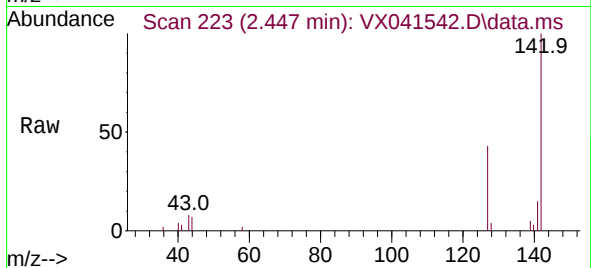




#11
Methyl Iodide
Concen: 3.965 ug/l
RT: 2.447 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX041542.D
Acq: 15 May 2024 16:20

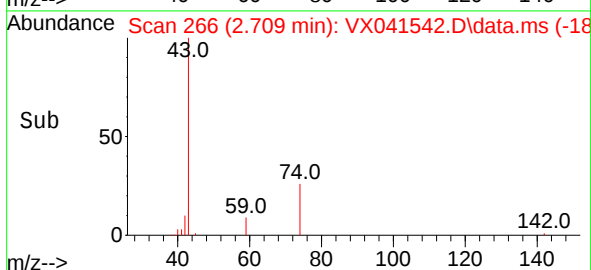
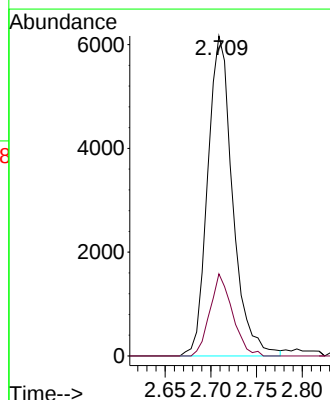
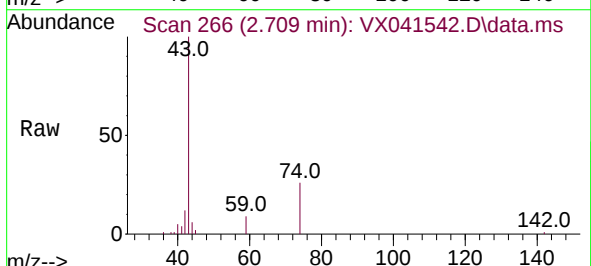
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2024

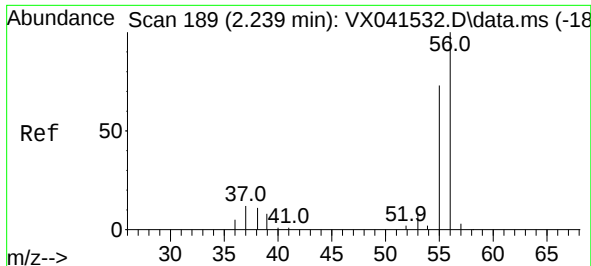
Tgt Ion:142 Resp: 6819
Ion Ratio Lower Upper
142 100
127 42.8 21.4 64.2
141 15.3 7.6 22.8



#12
Methyl Acetate
Concen: 5.382 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.000 min
Lab File: VX041542.D
Acq: 15 May 2024 16:20

Tgt Ion: 43 Resp: 11703
Ion Ratio Lower Upper
43 100
74 25.9 19.9 29.9





#13

Acrolein

Concen: 18.422 ug/l

RT: 2.239 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX041542.D

Acq: 15 May 2024 16:20

Instrument :

MSVOA_X

ClientSampleId :

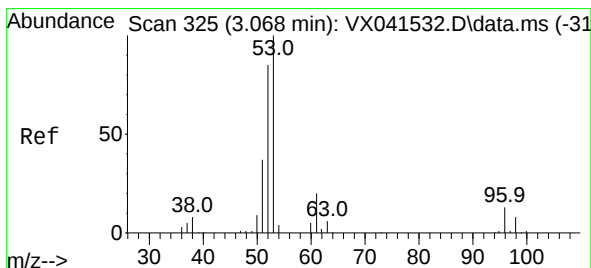
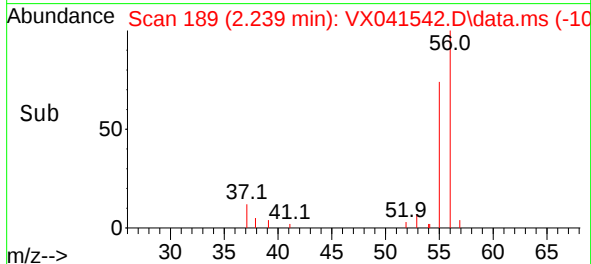
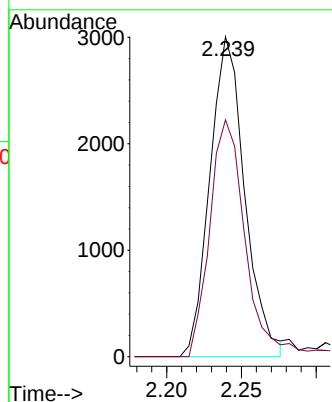
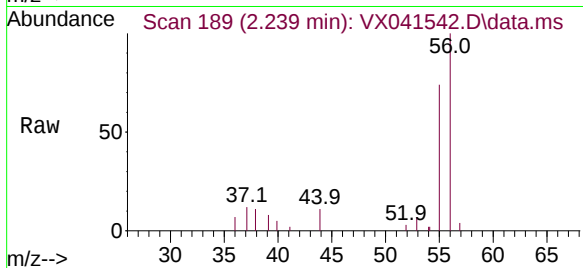
LOQ-WATER-02-QT2-2024

Tgt Ion: 56 Resp: 4877

Ion Ratio Lower Upper

56 100

55 75.0 55.1 82.7



#14

Acrylonitrile

Concen: 25.536 ug/l

RT: 3.075 min Scan# 326

Delta R.T. 0.006 min

Lab File: VX041542.D

Acq: 15 May 2024 16:20

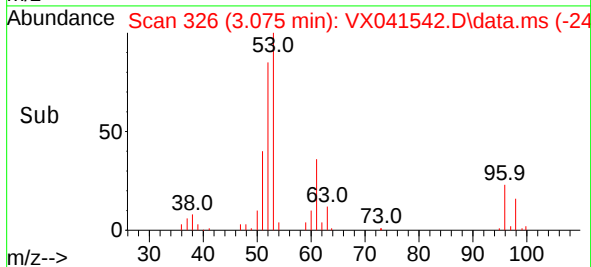
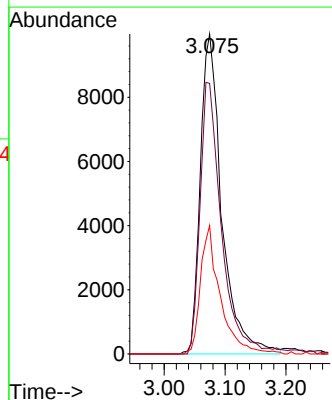
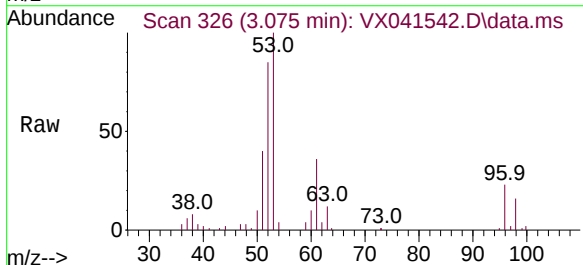
Tgt Ion: 53 Resp: 24415

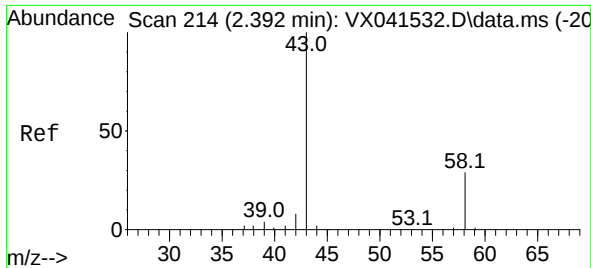
Ion Ratio Lower Upper

53 100

52 83.2 41.3 123.7

51 36.6 18.4 55.0

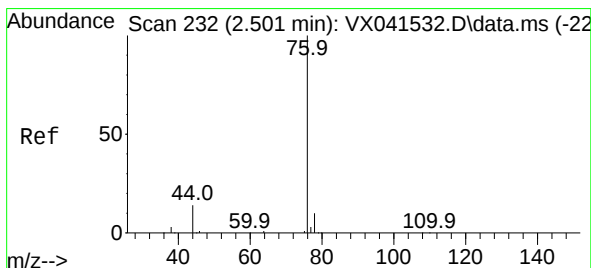
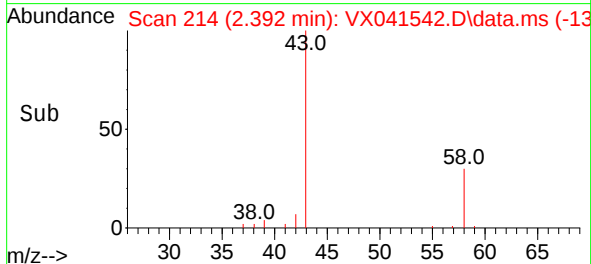
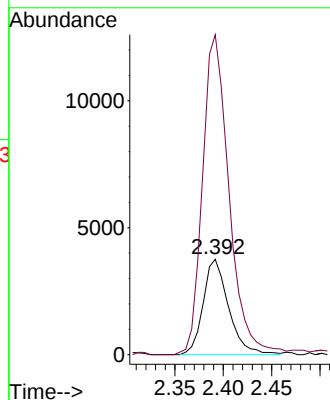
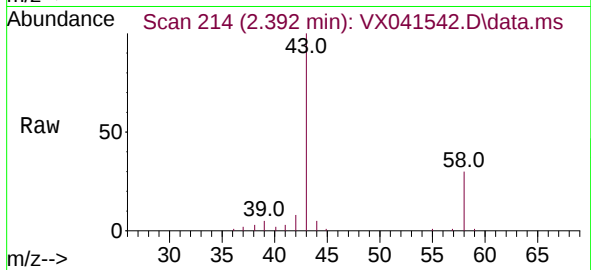




#15
Acetone
Concen: 26.943 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX041542.D
Acq: 15 May 2024 16:20

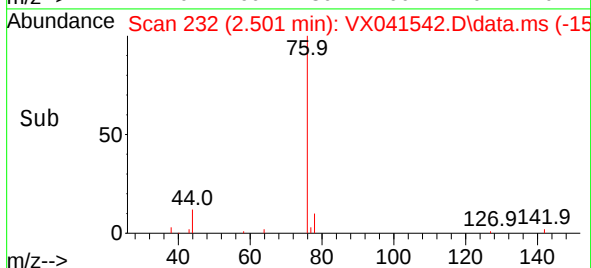
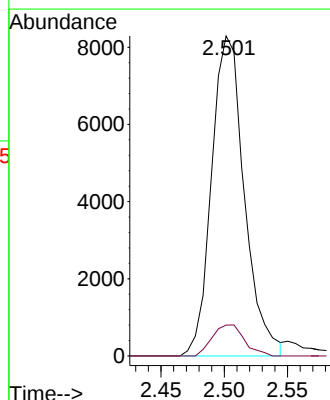
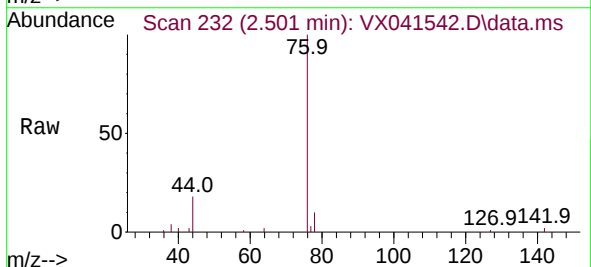
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT2-2024

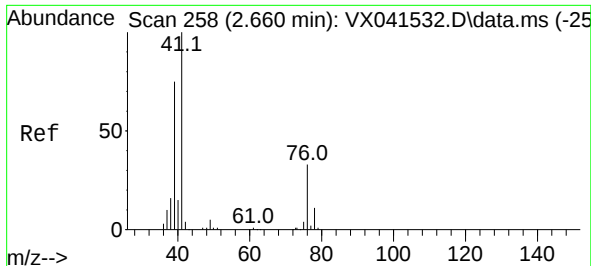
Tgt Ion: 58 Resp: 6902
Ion Ratio Lower Upper
58 100
43 332.9 274.0 411.0



#16
Carbon Disulfide
Concen: 4.585 ug/l
RT: 2.501 min Scan# 232
Delta R.T. 0.000 min
Lab File: VX041542.D
Acq: 15 May 2024 16:20

Tgt Ion: 76 Resp: 14949
Ion Ratio Lower Upper
76 100
78 9.7 7.6 11.4





#17

Allyl chloride

Concen: 4.777 ug/l

RT: 2.660 min Scan# 258

Delta R.T. 0.000 min

Lab File: VX041542.D

Acq: 15 May 2024 16:20

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2024

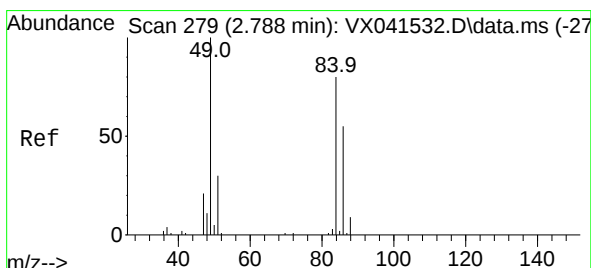
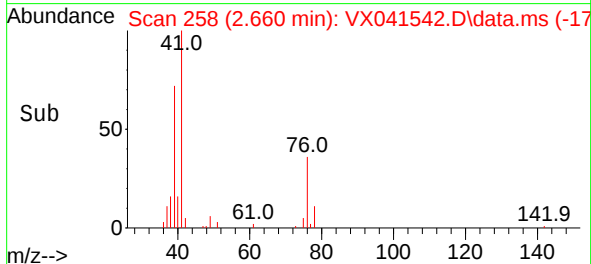
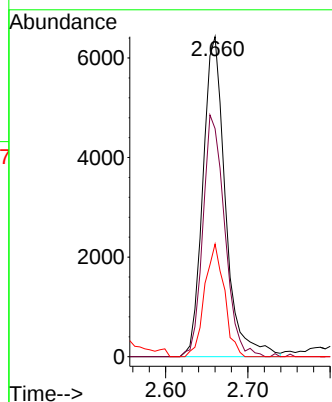
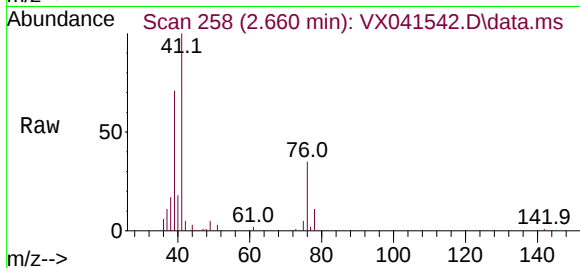
Tgt Ion: 41 Resp: 12240

Ion Ratio Lower Upper

41 100

39 71.3 37.5 112.7

76 35.2 16.6 49.8



#18

Methylene Chloride

Concen: 5.431 ug/l

RT: 2.788 min Scan# 279

Delta R.T. 0.000 min

Lab File: VX041542.D

Acq: 15 May 2024 16:20

Tgt Ion: 84 Resp: 9326

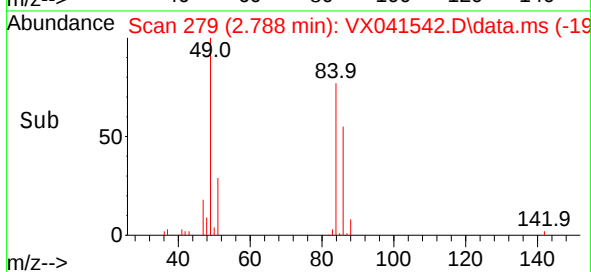
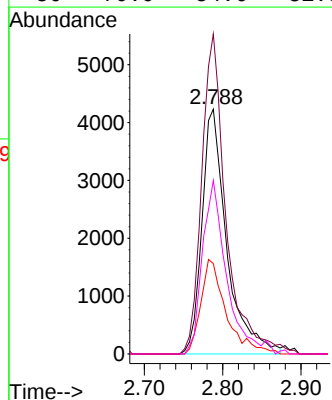
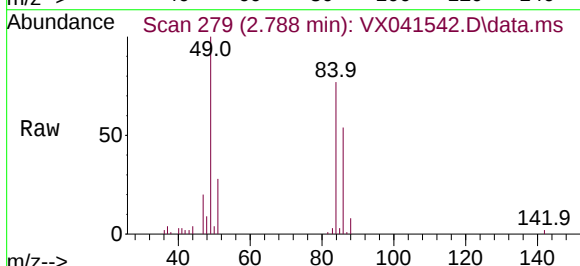
Ion Ratio Lower Upper

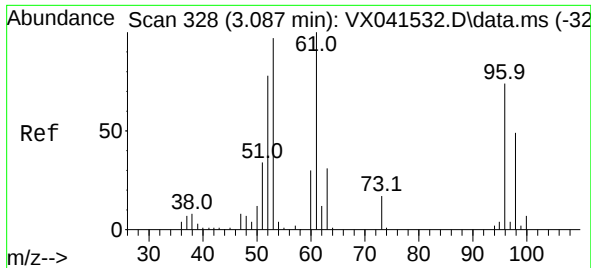
84 100

49 130.7 99.8 149.8

51 36.9 30.2 45.4

86 70.9 54.6 81.8





#19

trans-1,2-Dichloroethene

Concen: 4.659 ug/l

RT: 3.087 min Scan# 31

Delta R.T. 0.000 min

Lab File: VX041542.D

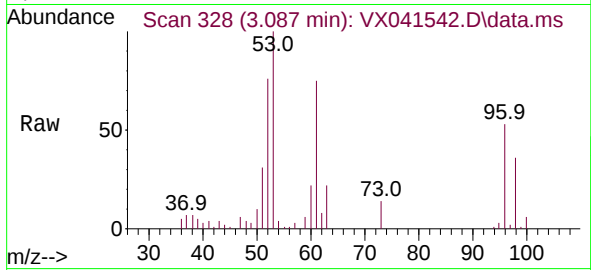
Acq: 15 May 2024 16:20

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2024



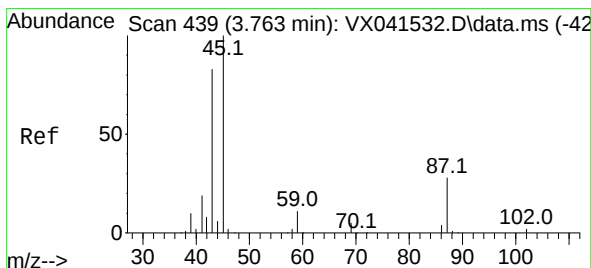
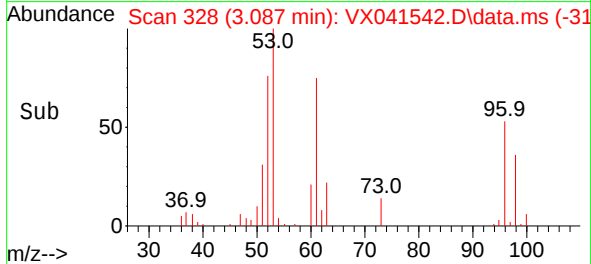
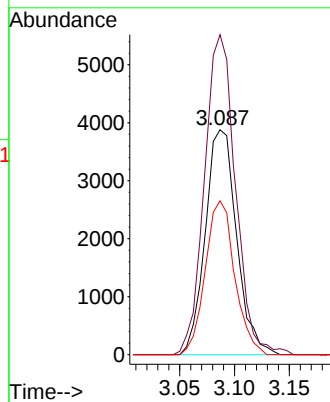
Tgt Ion: 96 Resp: 7714

Ion Ratio Lower Upper

96 100

61 140.7 107.7 161.5

98 68.4 53.1 79.7



#20

Diisopropyl ether

Concen: 4.934 ug/l

RT: 3.770 min Scan# 440

Delta R.T. 0.006 min

Lab File: VX041542.D

Acq: 15 May 2024 16:20

Tgt Ion: 45 Resp: 26563

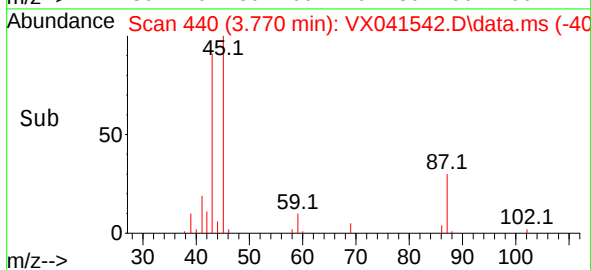
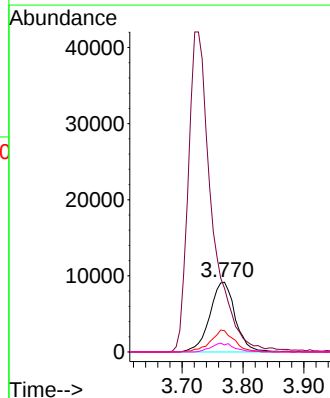
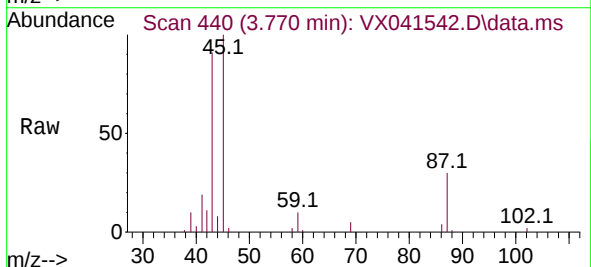
Ion Ratio Lower Upper

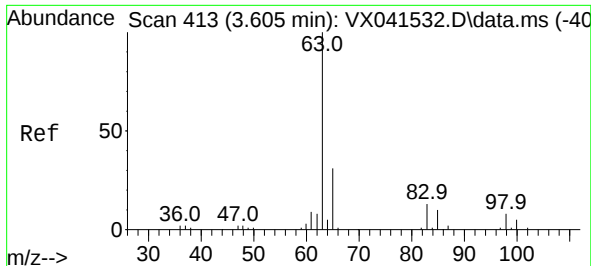
45 100

43 87.4 66.7 100.1

87 30.4 22.4 33.6

59 10.0 9.0 13.4





#21

1,1-Dichloroethane

Concen: 4.818 ug/l

RT: 3.611 min Scan# 41

Delta R.T. 0.006 min

Lab File: VX041542.D

Acq: 15 May 2024 16:20

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2024

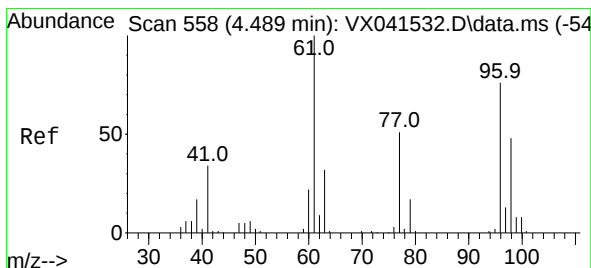
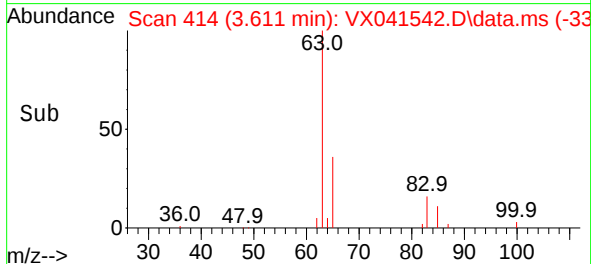
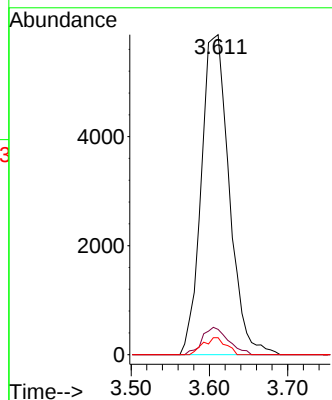
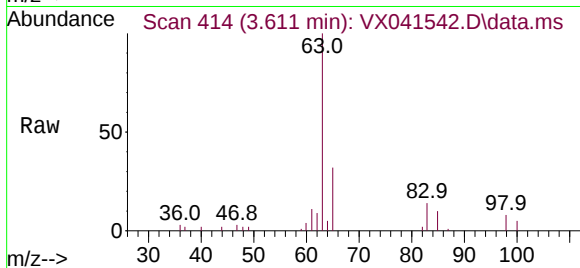
Tgt Ion: 63 Resp: 14559

Ion Ratio Lower Upper

63 100

98 7.9 3.8 11.4

100 5.3 2.5 7.4



#22

cis-1,2-Dichloroethene

Concen: 4.821 ug/l

RT: 4.489 min Scan# 558

Delta R.T. 0.000 min

Lab File: VX041542.D

Acq: 15 May 2024 16:20

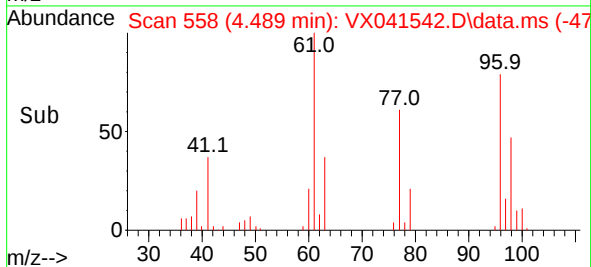
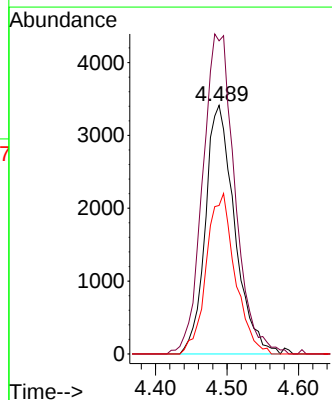
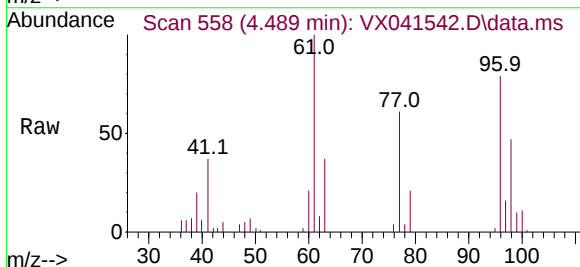
Tgt Ion: 96 Resp: 9700

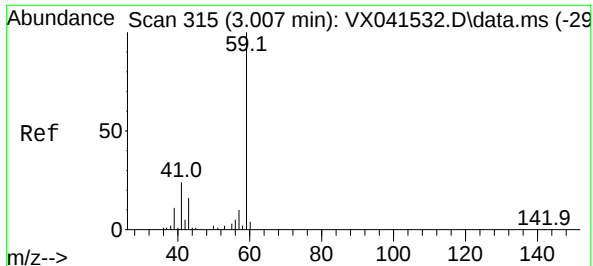
Ion Ratio Lower Upper

96 100

61 141.6 114.2 171.4

98 63.3 52.6 79.0





#23

tert-Butyl Alcohol

Concen: 20.661 ug/l

RT: 3.001 min Scan# 315

Delta R.T. -0.006 min

Lab File: VX041542.D

Acq: 15 May 2024 16:20

Instrument :

MSVOA_X

ClientSampleId :

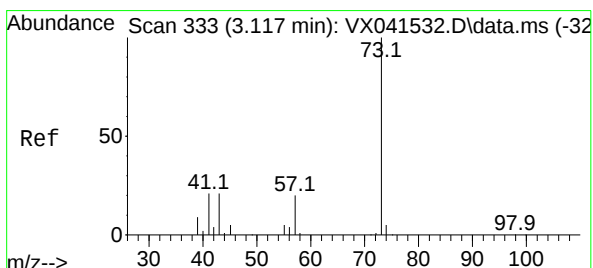
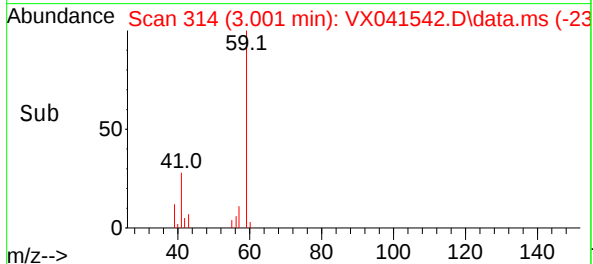
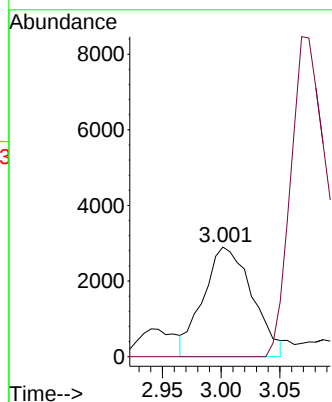
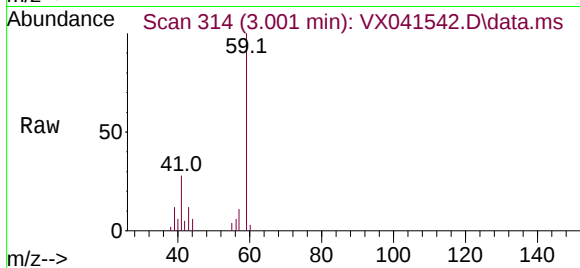
LOQ-WATER-02-QT2-2024

Tgt Ion: 59 Resp: 8383

Ion Ratio Lower Upper

59 100

52 0.0 0.0 0.0



#24

Methyl tert-Butyl Ether

Concen: 4.891 ug/l

RT: 3.117 min Scan# 333

Delta R.T. 0.000 min

Lab File: VX041542.D

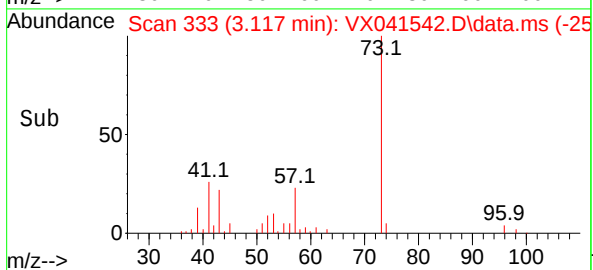
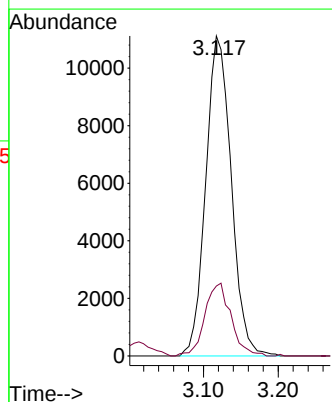
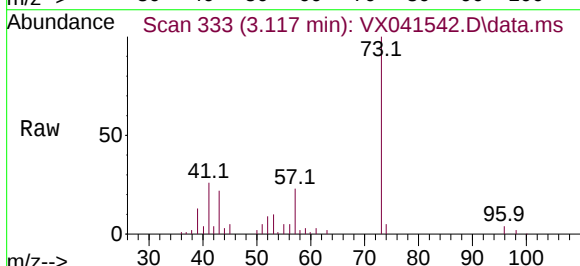
Acq: 15 May 2024 16:20

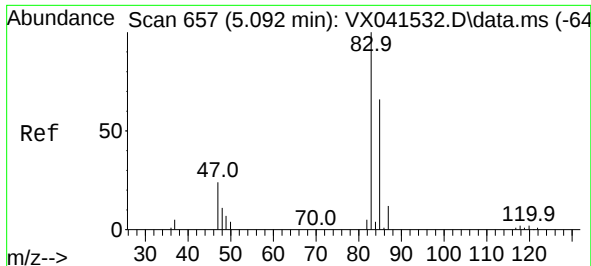
Tgt Ion: 73 Resp: 26368

Ion Ratio Lower Upper

73 100

43 21.2 17.2 25.8





#25

Chloroform

Concen: 4.880 ug/l

RT: 5.092 min Scan# 657

Delta R.T. 0.000 min

Lab File: VX041542.D

Acq: 15 May 2024 16:20

Instrument :

MSVOA_X

ClientSampleId :

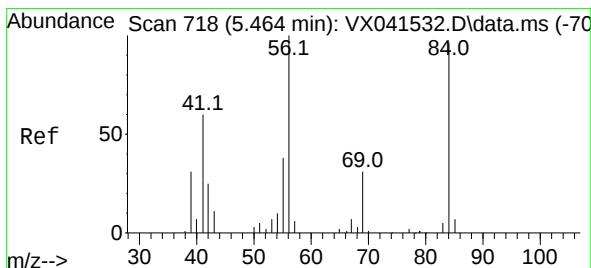
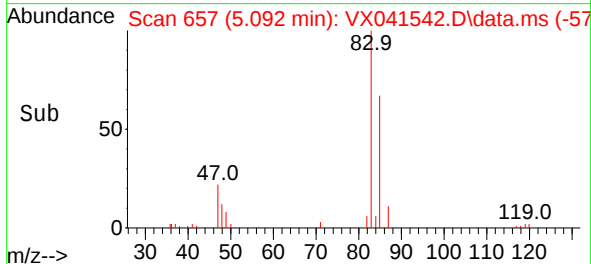
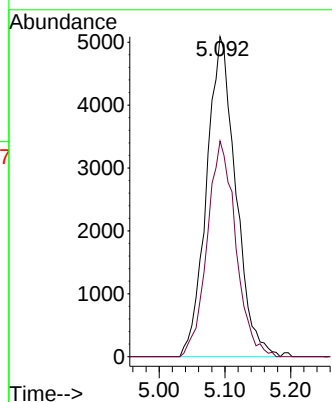
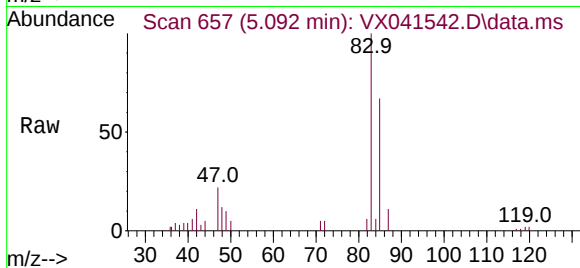
LOQ-WATER-02-QT2-2024

Tgt Ion: 83 Resp: 15710

Ion Ratio Lower Upper

83 100

85 67.4 52.9 79.3



#26

Cyclohexane

Concen: 4.853 ug/l

RT: 5.464 min Scan# 718

Delta R.T. 0.000 min

Lab File: VX041542.D

Acq: 15 May 2024 16:20

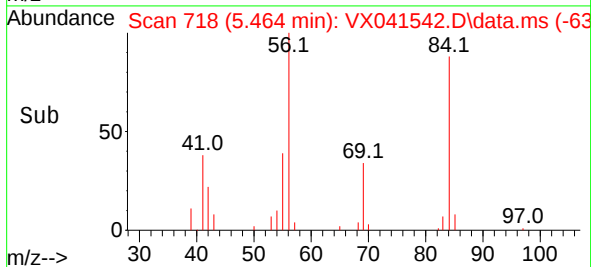
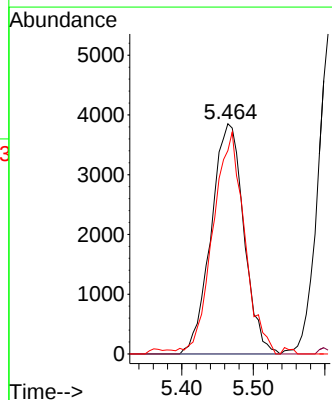
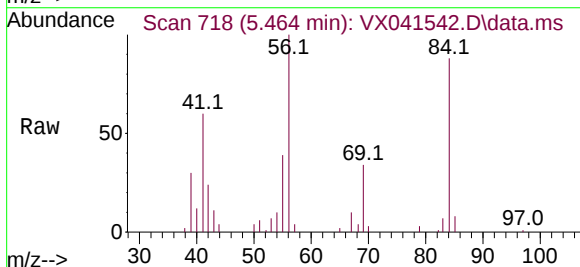
Tgt Ion: 56 Resp: 12229

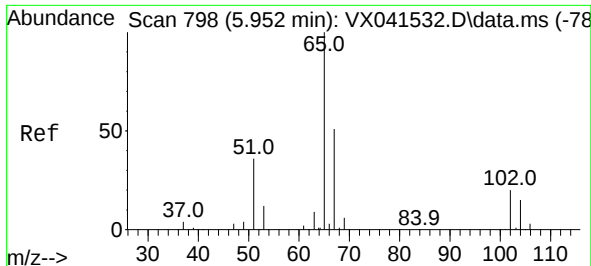
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 92.9 74.0 111.0





#27

1,2-Dichloroethane-d4

Concen: 29.857 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX041542.D

Acq: 15 May 2024 16:20

Instrument :

MSVOA_X

ClientSampleId :

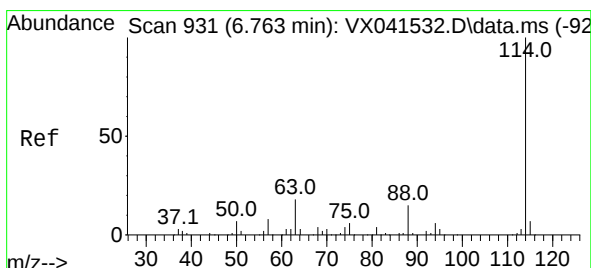
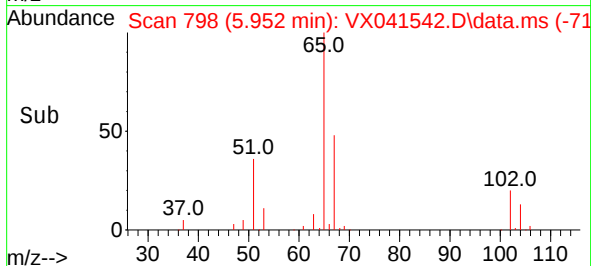
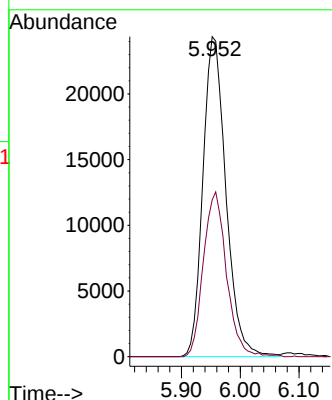
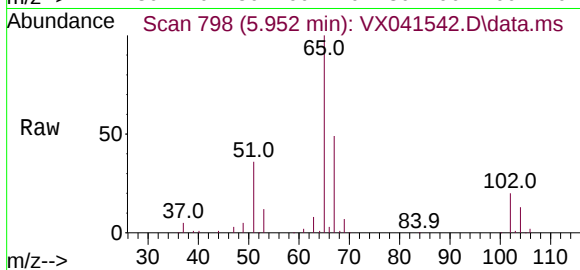
LOQ-WATER-02-QT2-2024

Tgt Ion: 65 Resp: 66356

Ion Ratio Lower Upper

65 100

67 51.3 40.8 61.2



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX041542.D

Acq: 15 May 2024 16:20

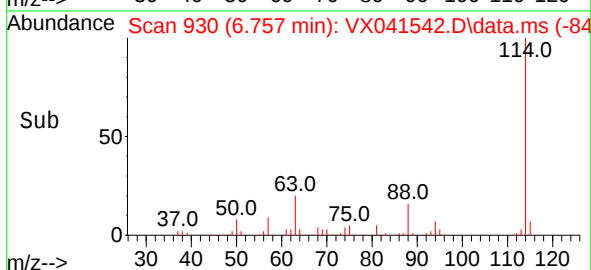
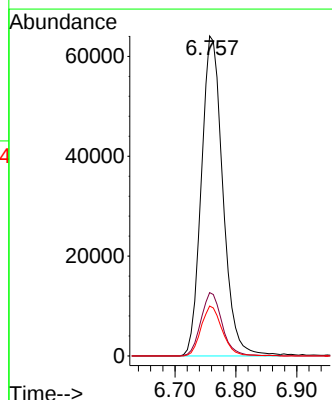
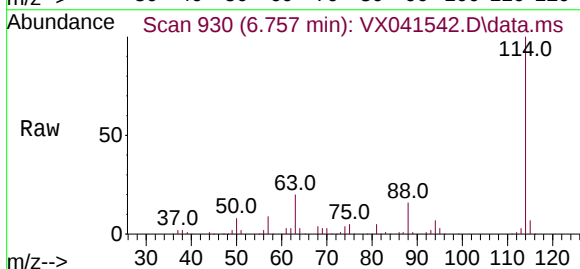
Tgt Ion: 114 Resp: 157335

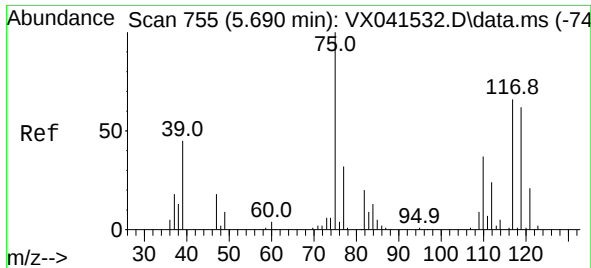
Ion Ratio Lower Upper

114 100

63 19.4 15.4 23.0

88 15.2 12.2 18.2

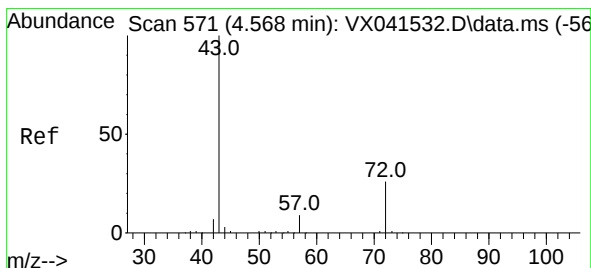
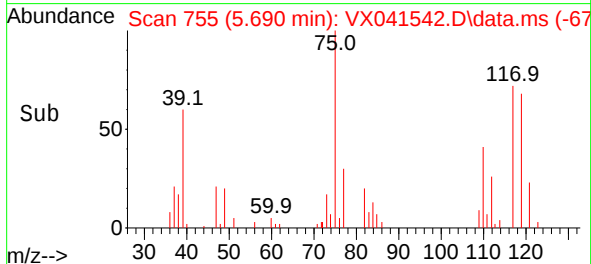
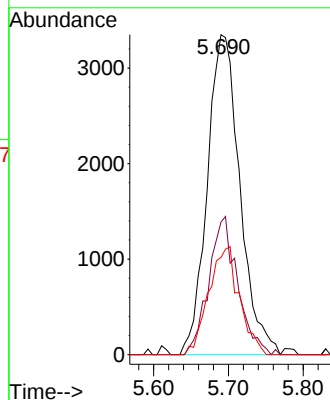
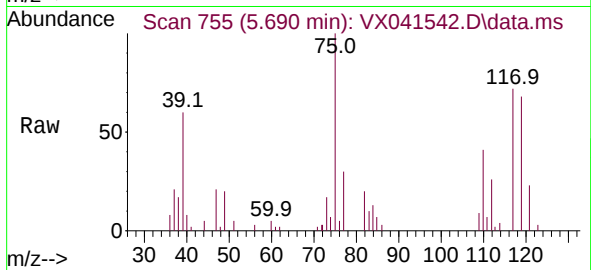




#29
1,1-Dichloropropene
Concen: 4.881 ug/l
RT: 5.690 min Scan# 75
Delta R.T. 0.000 min
Lab File: VX041542.D
Acq: 15 May 2024 16:20

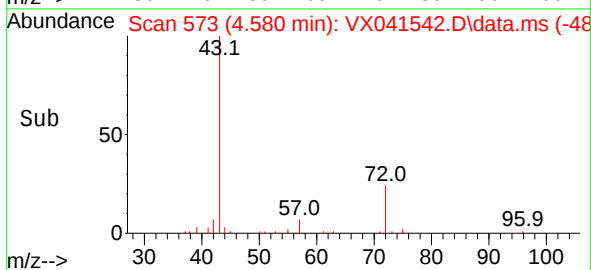
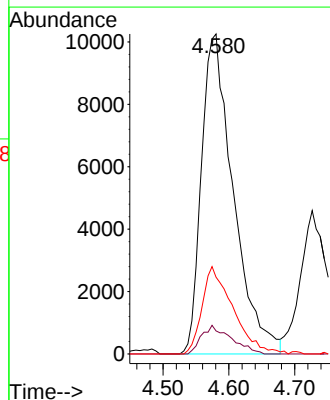
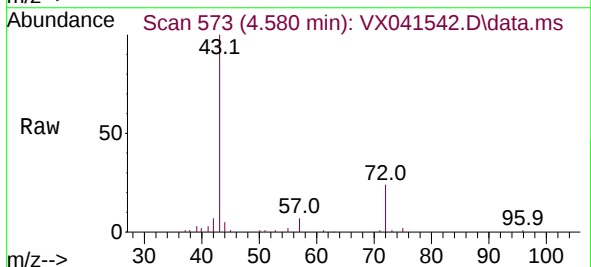
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2024

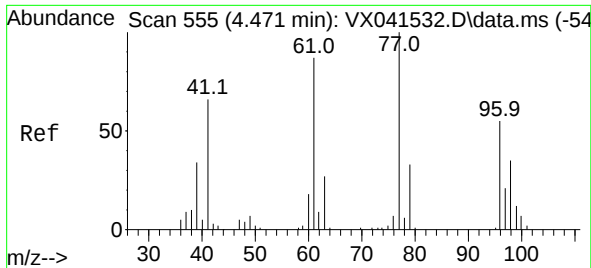
Tgt Ion: 75 Resp: 10158
Ion Ratio Lower Upper
75 100
110 38.1 0.0 74.4
77 31.7 0.0 62.6



#30
2-Butanone
Concen: 25.043 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.012 min
Lab File: VX041542.D
Acq: 15 May 2024 16:20

Tgt Ion: 43 Resp: 34596
Ion Ratio Lower Upper
43 100
57 8.4 6.6 10.0
72 26.0 20.7 31.1





#31

2,2-Dichloropropane

Concen: 4.584 ug/l

RT: 4.471 min Scan# 511

Delta R.T. 0.000 min

Lab File: VX041542.D

Acq: 15 May 2024 16:20

Instrument :

MSVOA_X

ClientSampleId :

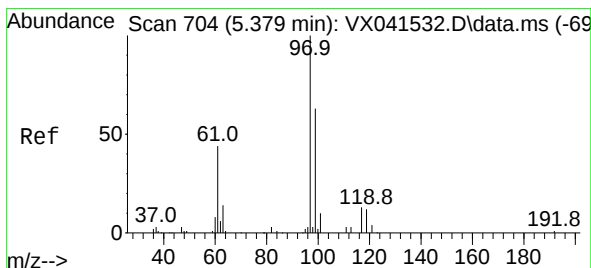
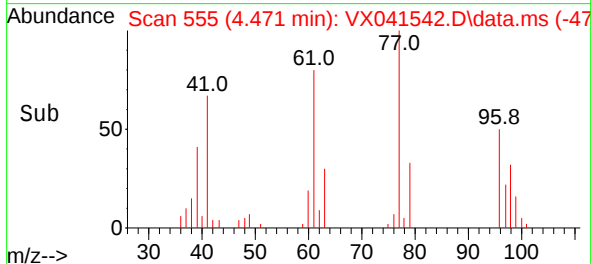
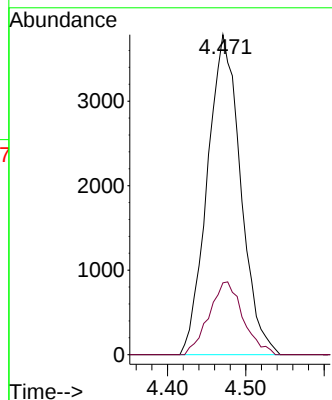
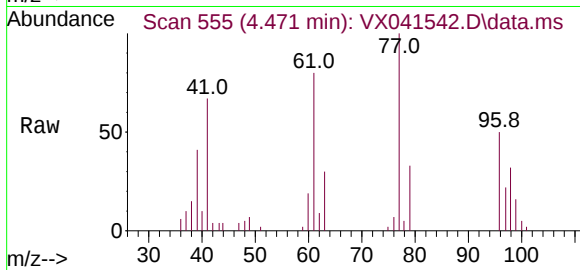
LOQ-WATER-02-QT2-2024

Tgt Ion: 77 Resp: 11196

Ion Ratio Lower Upper

77 100

97 23.2 18.0 27.0



#32

1,1,1-Trichloroethane

Concen: 4.683 ug/l

RT: 5.373 min Scan# 703

Delta R.T. -0.006 min

Lab File: VX041542.D

Acq: 15 May 2024 16:20

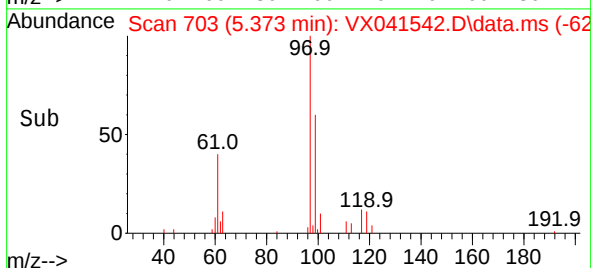
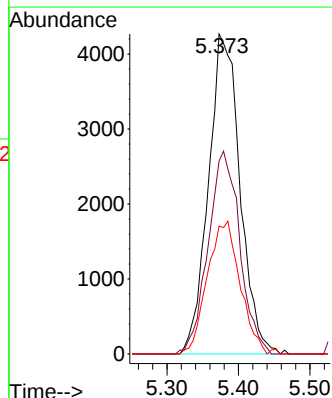
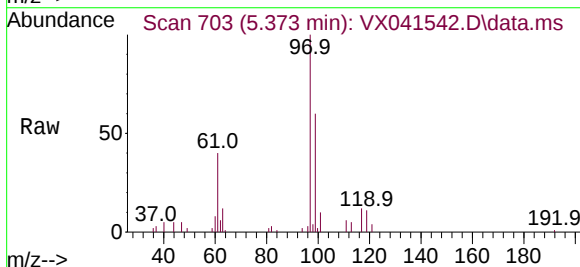
Tgt Ion: 97 Resp: 13077

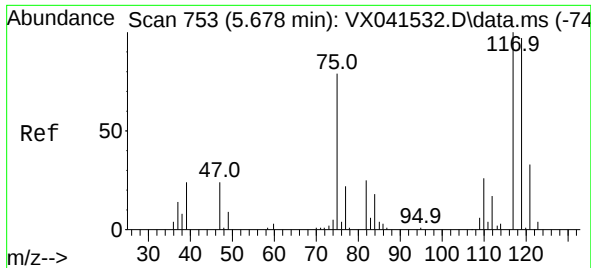
Ion Ratio Lower Upper

97 100

99 63.5 50.7 76.1

61 42.9 34.6 51.8

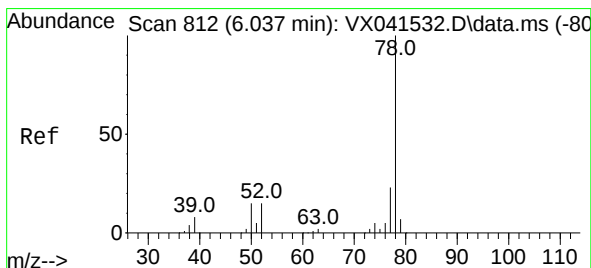
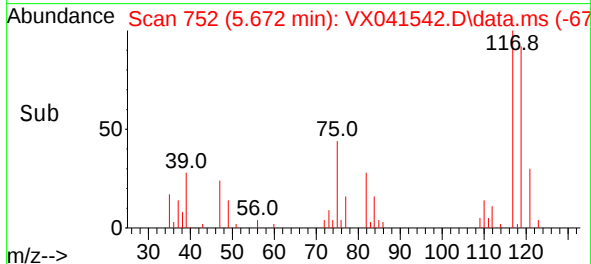
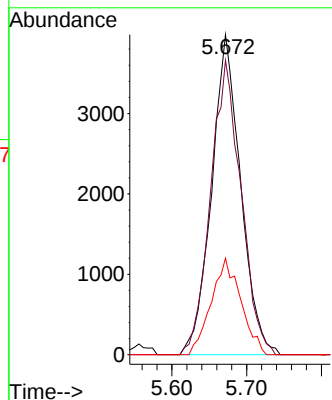
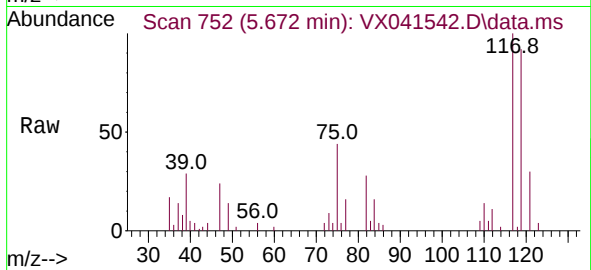




#33
Carbon Tetrachloride
Concen: 4.515 ug/l
RT: 5.672 min Scan# 753
Delta R.T. -0.006 min
Lab File: VX041542.D
Acq: 15 May 2024 16:20

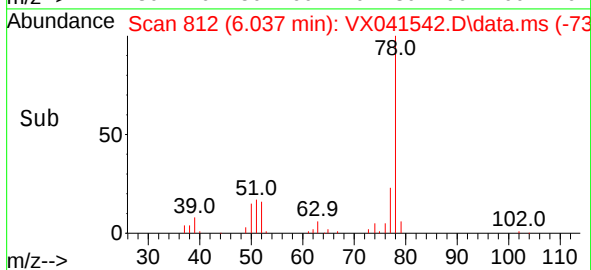
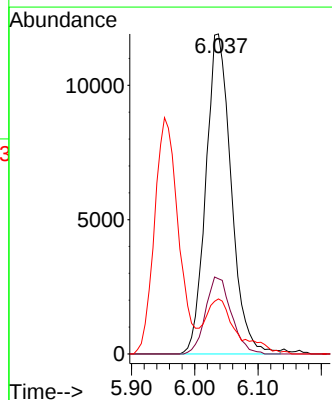
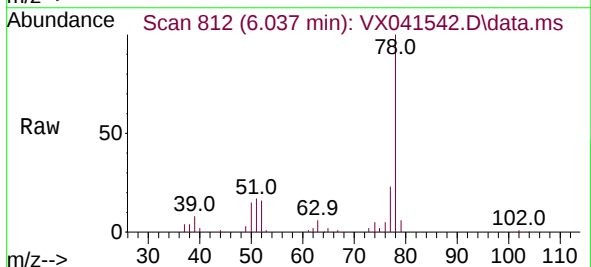
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2024

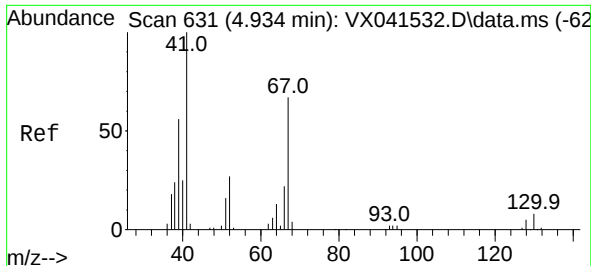
Tgt Ion:117 Resp: 10788
Ion Ratio Lower Upper
117 100
119 92.0 77.4 116.2
121 30.2 26.4 39.6



#34
Benzene
Concen: 5.046 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX041542.D
Acq: 15 May 2024 16:20

Tgt Ion: 78 Resp: 33170
Ion Ratio Lower Upper
78 100
77 23.5 18.6 28.0
51 16.6 12.4 18.6





#35

Methacrylonitrile

Concen: 4.608 ug/l

RT: 4.934 min Scan# 61

Delta R.T. 0.000 min

Lab File: VX041542.D

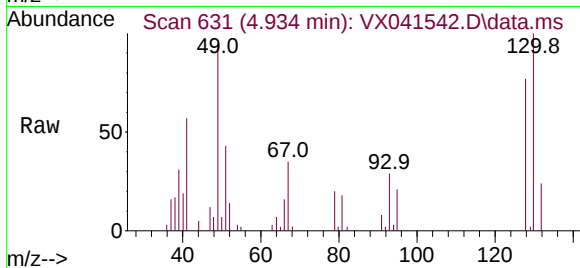
Acq: 15 May 2024 16:20

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2024



Tgt Ion: 41 Resp: 6421

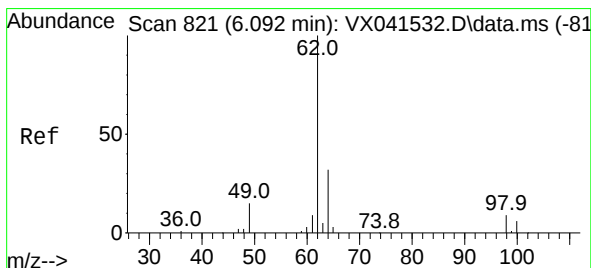
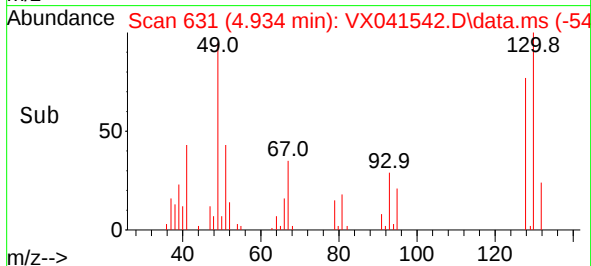
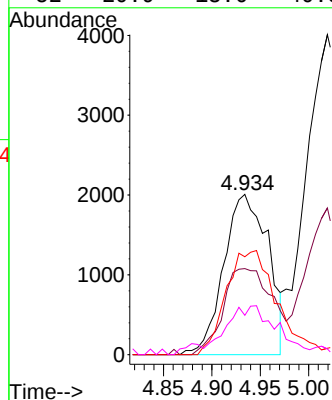
Ion Ratio Lower Upper

41 100

39 53.7 28.1 84.4

67 61.2 33.7 101.1

52 20.9 13.6 40.8



#36

1,2-Dichloroethane

Concen: 4.999 ug/l

RT: 6.086 min Scan# 820

Delta R.T. -0.006 min

Lab File: VX041542.D

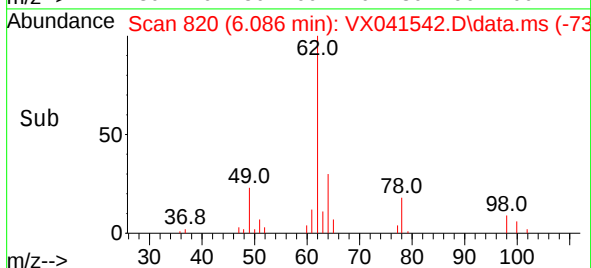
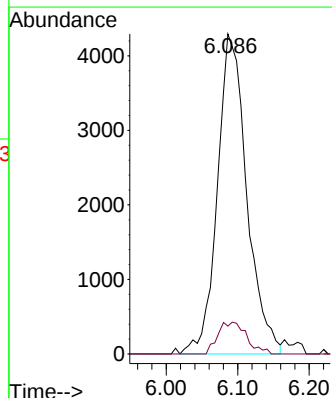
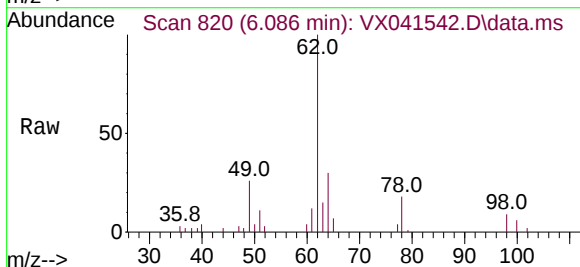
Acq: 15 May 2024 16:20

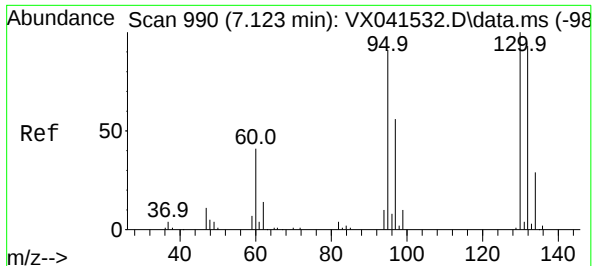
Tgt Ion: 62 Resp: 12261

Ion Ratio Lower Upper

62 100

98 4.1 7.4 11.0#





#37

Trichloroethene

Concen: 4.994 ug/l

RT: 7.129 min Scan# 990

Delta R.T. 0.006 min

Lab File: VX041542.D

Acq: 15 May 2024 16:20

Instrument :

MSVOA_X

ClientSampleId :

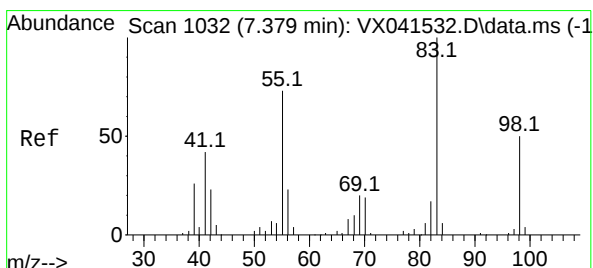
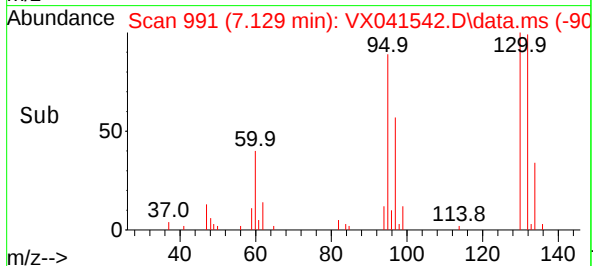
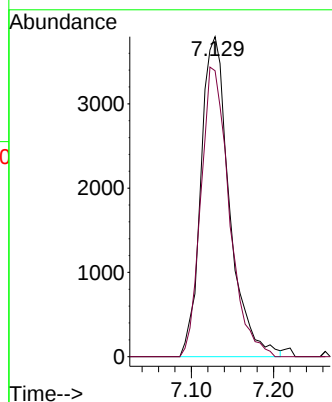
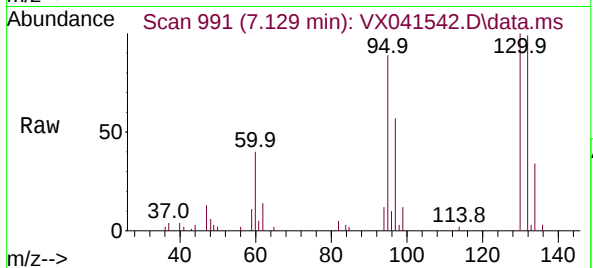
LOQ-WATER-02-QT2-2024

Tgt Ion:130 Resp: 9145

Ion Ratio Lower Upper

130 100

95 89.3 72.6 108.8



#38

Methylcyclohexane

Concen: 4.885 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VX041542.D

Acq: 15 May 2024 16:20

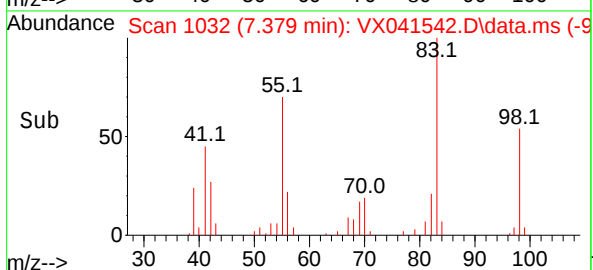
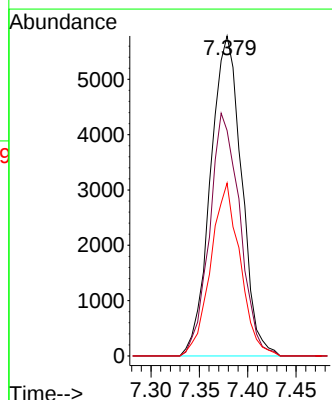
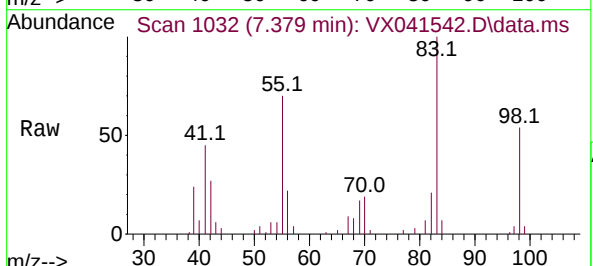
Tgt Ion: 83 Resp: 12910

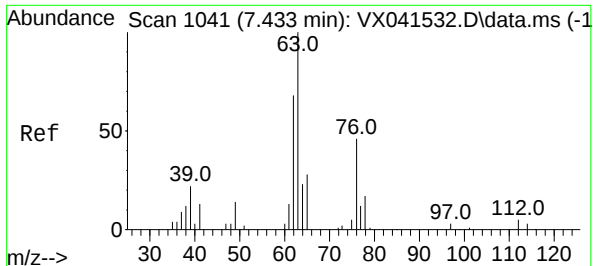
Ion Ratio Lower Upper

83 100

55 74.0 37.7 113.1

98 51.2 25.1 75.3





#39

1,2-Dichloropropane

Concen: 4.941 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VX041542.D

Acq: 15 May 2024 16:20

Instrument :

MSVOA_X

ClientSampleId :

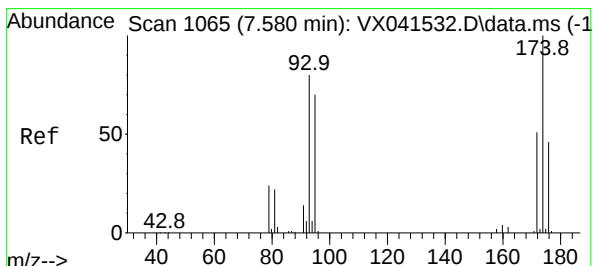
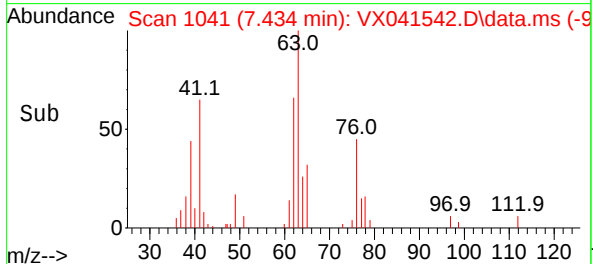
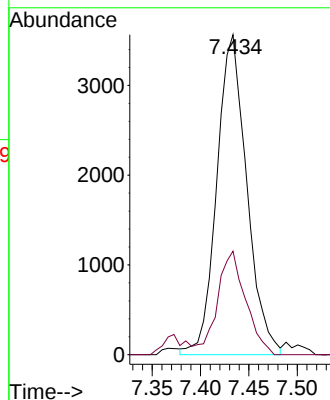
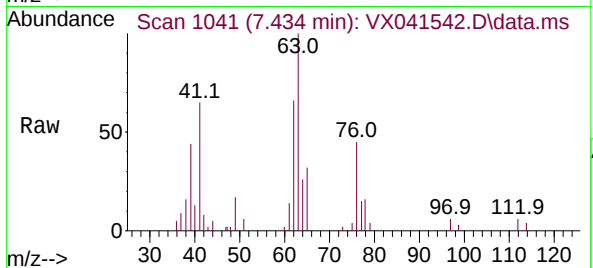
LOQ-WATER-02-QT2-2024

Tgt Ion: 63 Resp: 7677

Ion Ratio Lower Upper

63 100

65 32.9 24.2 36.2



#40

Dibromomethane

Concen: 4.889 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. 0.006 min

Lab File: VX041542.D

Acq: 15 May 2024 16:20

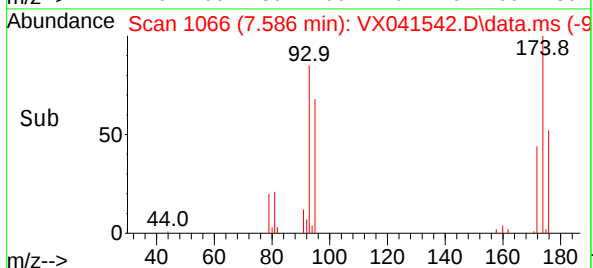
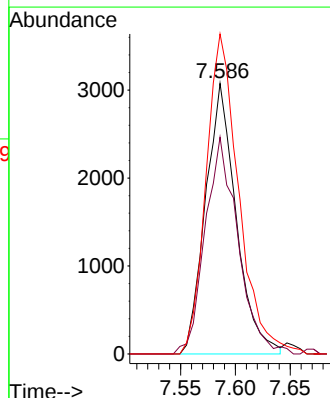
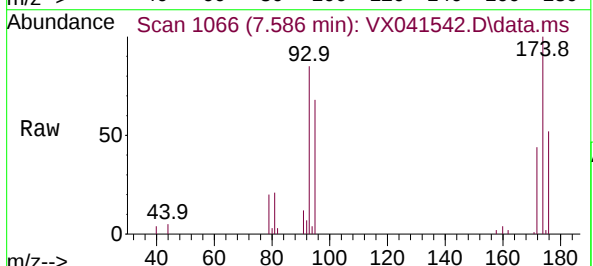
Tgt Ion: 93 Resp: 5978

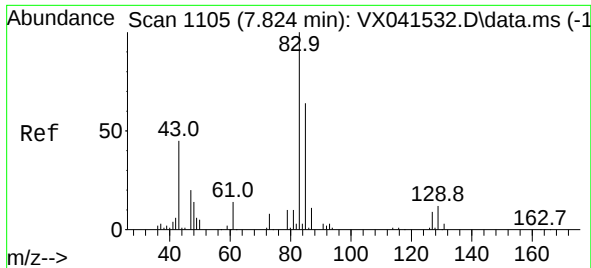
Ion Ratio Lower Upper

93 100

95 84.7 0.0 168.6

174 126.1 0.0 249.8

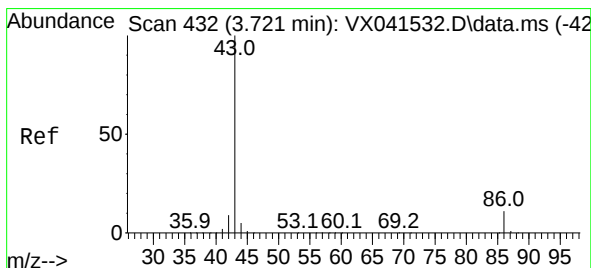
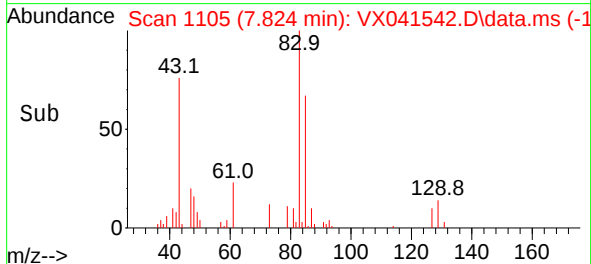
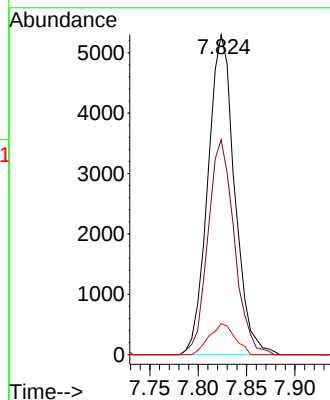
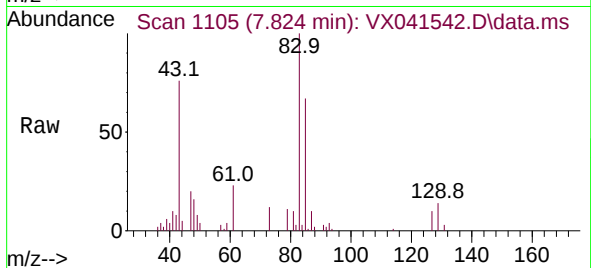




#41
Bromodichloromethane
Concen: 4.445 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX041542.D
Acq: 15 May 2024 16:20

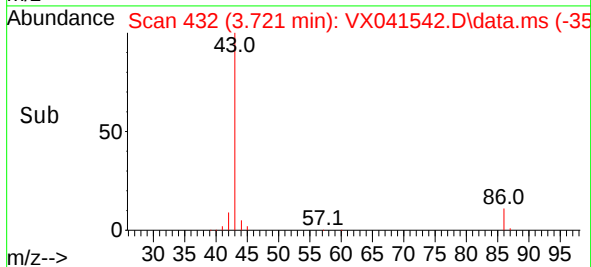
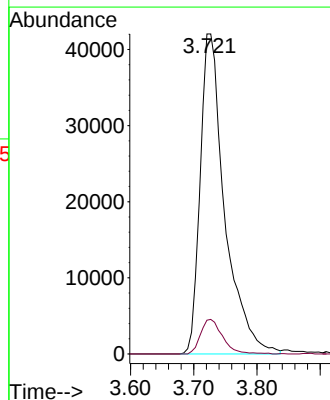
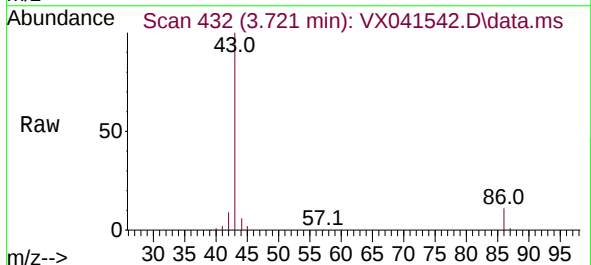
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT2-2024

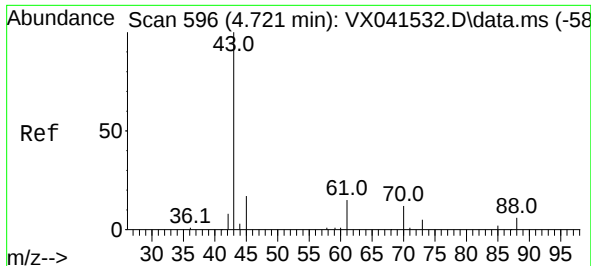
Tgt Ion	Ratio	Lower	Upper
83	100		
85	67.1	51.0	76.4
127	9.7	7.1	10.7



#42
Vinyl Acetate
Concen: 23.704 ug/l
RT: 3.721 min Scan# 432
Delta R.T. 0.000 min
Lab File: VX041542.D
Acq: 15 May 2024 16:20

Tgt Ion	Ratio	Lower	Upper
43	100		
86	9.7	7.8	11.6





#43

Ethyl Acetate

Concen: 4.624 ug/l

RT: 4.727 min Scan# 597

Delta R.T. 0.006 min

Lab File: VX041542.D

Acq: 15 May 2024 16:20

Instrument :

MSVOA_X

ClientSampleId :

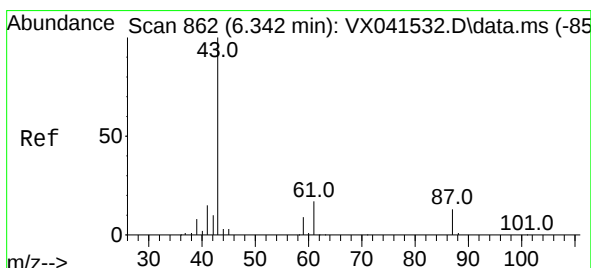
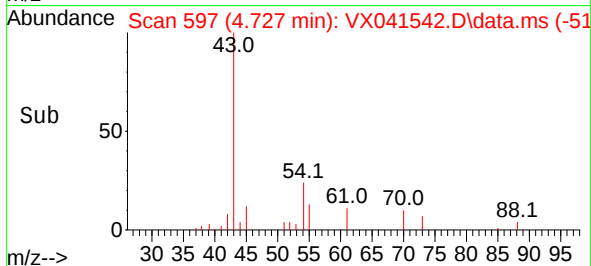
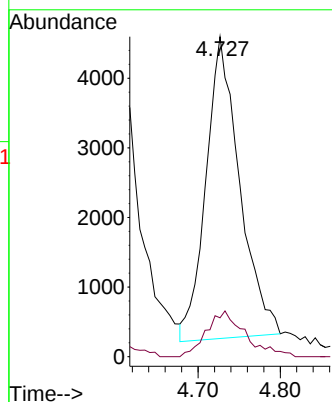
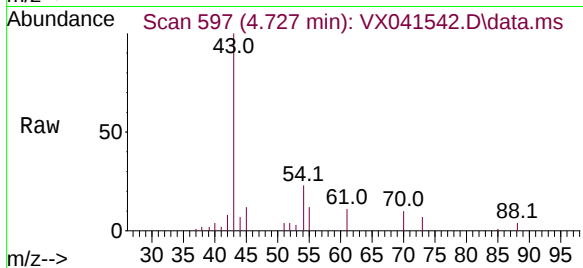
LOQ-WATER-02-QT2-2024

Tgt Ion: 43 Resp: 12325

Ion Ratio Lower Upper

43 100

45 17.4 11.9 17.9



#44

Isopropyl Acetate

Concen: 4.876 ug/l

RT: 6.348 min Scan# 863

Delta R.T. 0.006 min

Lab File: VX041542.D

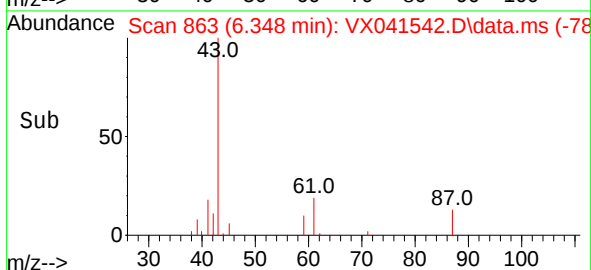
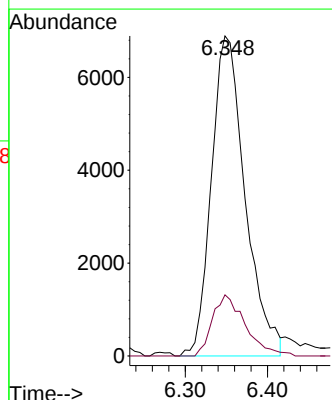
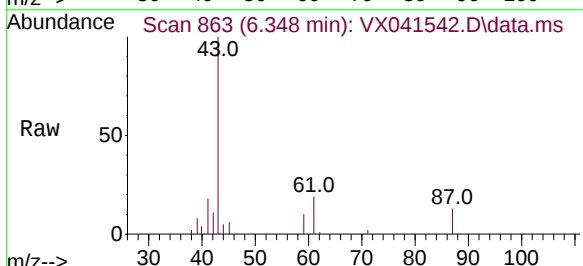
Acq: 15 May 2024 16:20

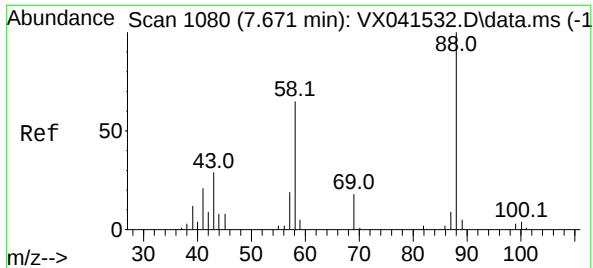
Tgt Ion: 43 Resp: 19646

Ion Ratio Lower Upper

43 100

61 18.7 15.3 22.9

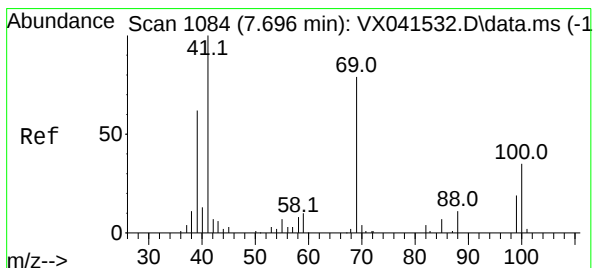
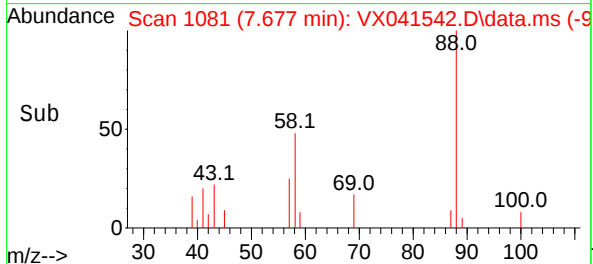
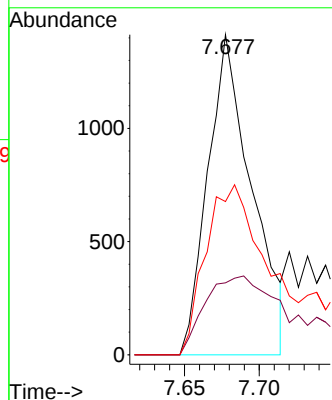
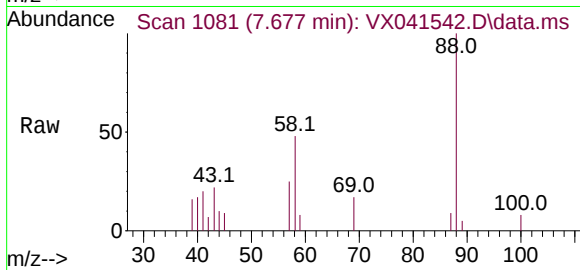




#45
1,4-Dioxane
Concen: 63.424 ug/l
RT: 7.677 min Scan# 1080
Delta R.T. 0.006 min
Lab File: VX041542.D
Acq: 15 May 2024 16:20

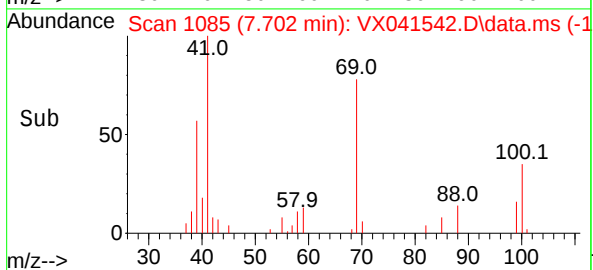
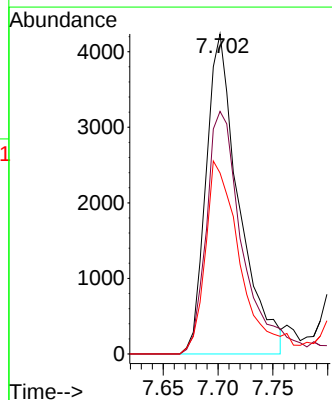
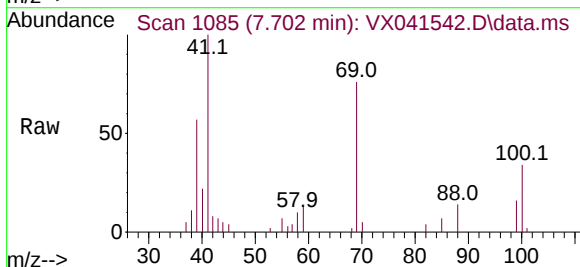
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2024

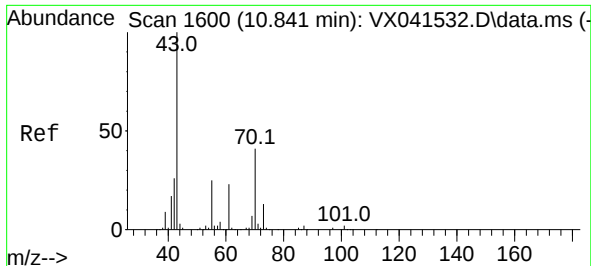
Tgt Ion: 88 Resp: 2882
Ion Ratio Lower Upper
88 100
43 42.4 24.9 37.3#
58 73.9 47.0 70.4#



#46
Methyl methacrylate
Concen: 4.401 ug/l
RT: 7.702 min Scan# 1085
Delta R.T. 0.006 min
Lab File: VX041542.D
Acq: 15 May 2024 16:20

Tgt Ion: 41 Resp: 8822
Ion Ratio Lower Upper
41 100
69 75.8 39.6 119.0
39 56.5 30.9 92.8





#47

n-amy1 Acetate

Concen: 4.145 ug/l

RT: 10.848 min Scan# 1601

Delta R.T. 0.006 min

Lab File: VX041542.D

Acq: 15 May 2024 16:20

Instrument :

MSVOA_X

ClientSampleId :

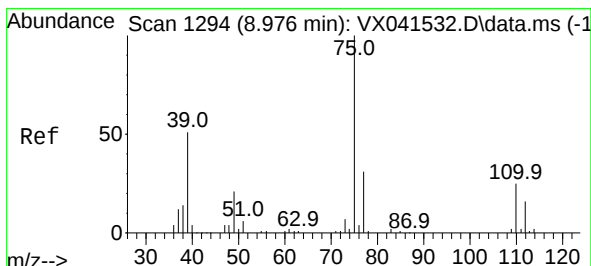
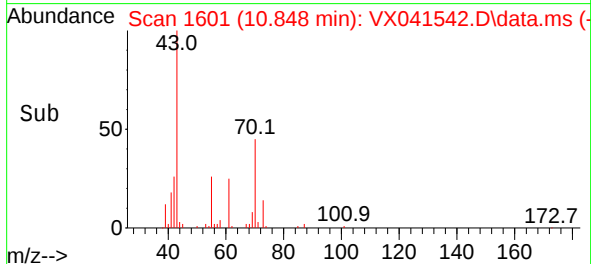
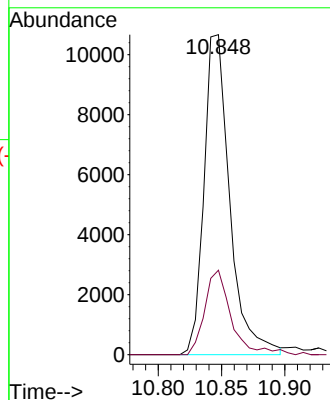
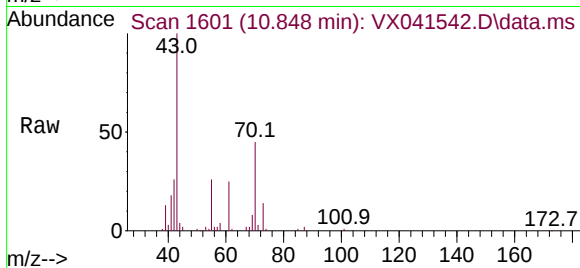
LOQ-WATER-02-QT2-2024

Tgt Ion: 43 Resp: 15146

Ion Ratio Lower Upper

43 100

55 25.7 19.4 29.0



#48

t-1,3-Dichloropropene

Concen: 4.047 ug/l

RT: 8.982 min Scan# 1295

Delta R.T. 0.006 min

Lab File: VX041542.D

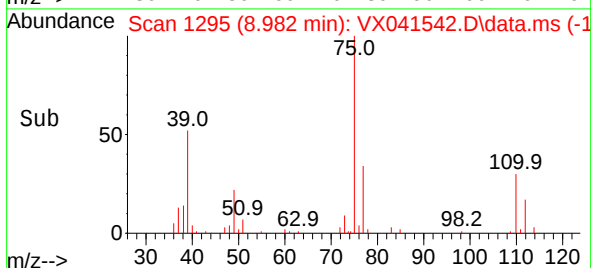
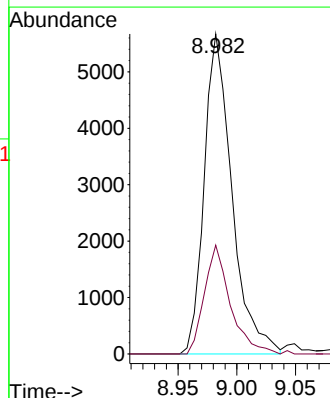
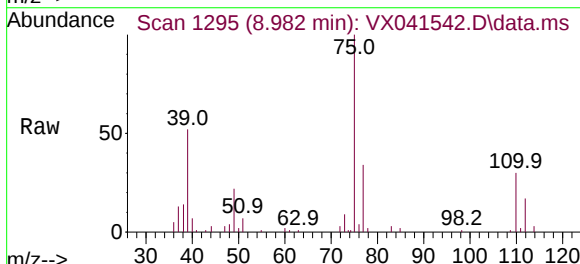
Acq: 15 May 2024 16:20

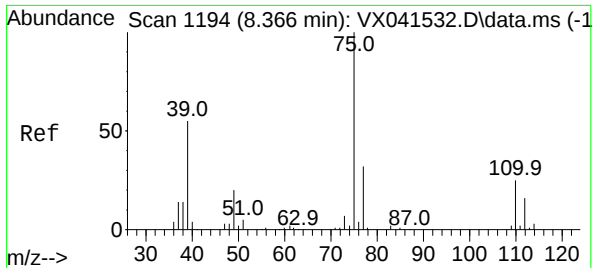
Tgt Ion: 75 Resp: 9330

Ion Ratio Lower Upper

75 100

77 34.0 24.5 36.7

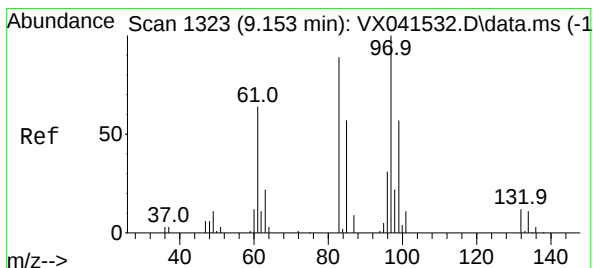
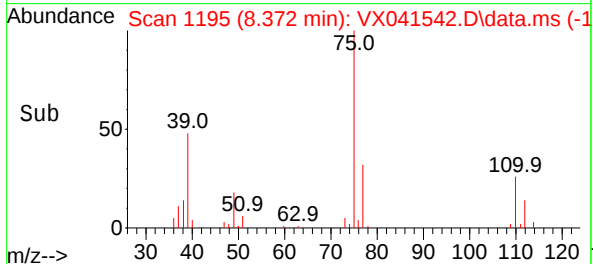
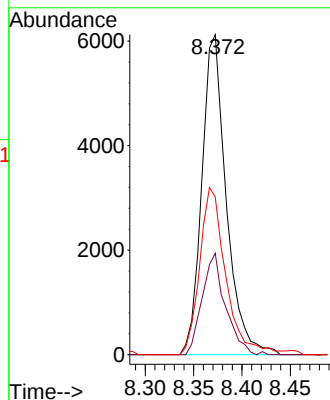
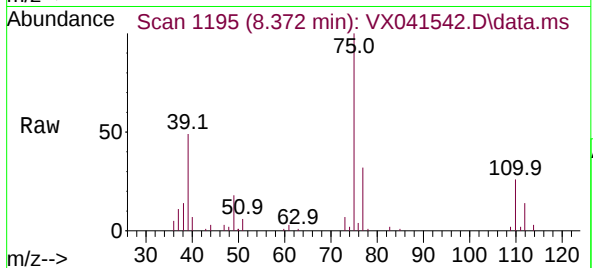




#49
cis-1,3-Dichloropropene
Concen: 4.322 ug/l
RT: 8.372 min Scan# 1195
Delta R.T. 0.006 min
Lab File: VX041542.D
Acq: 15 May 2024 16:20

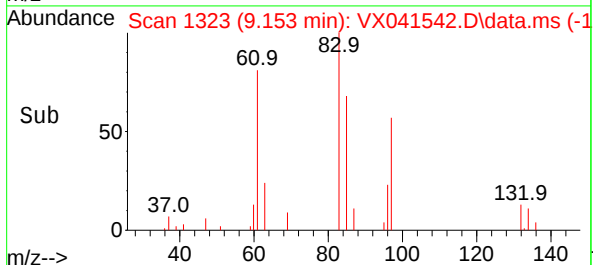
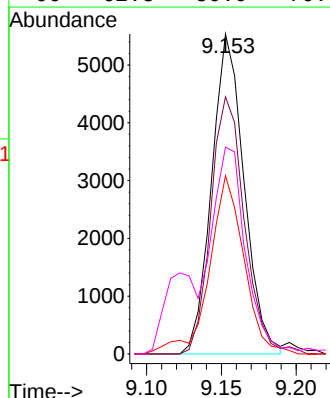
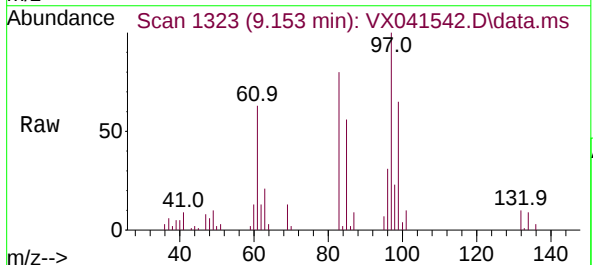
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2024

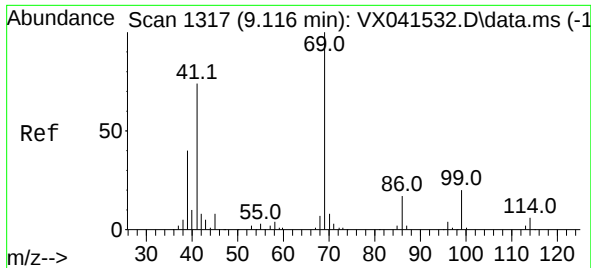
Tgt Ion: 75	Resp:	10793
Ion	Ratio	Lower Upper
75	100	
77	31.7	25.8 38.8
39	49.3	43.6 65.4



#50
1,1,2-Trichloroethane
Concen: 4.909 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX041542.D
Acq: 15 May 2024 16:20

Tgt Ion: 97	Resp:	8350
Ion	Ratio	Lower Upper
97	100	
83	80.4	71.3 106.9
85	53.7	45.7 68.5
99	62.8	50.9 76.3

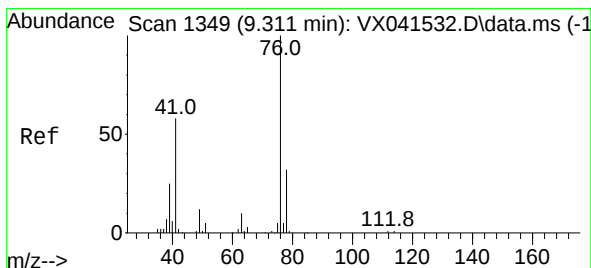
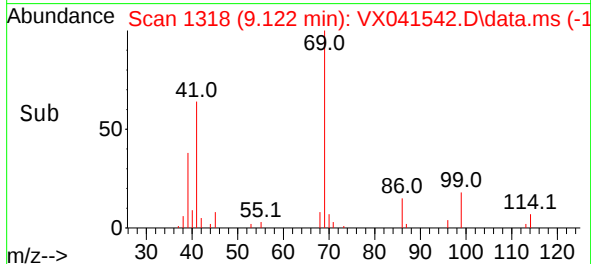
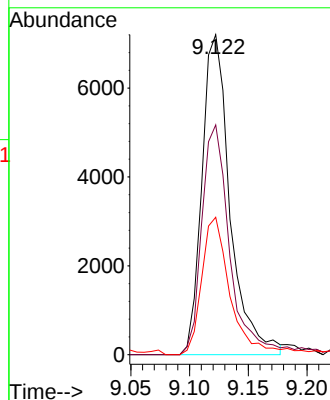
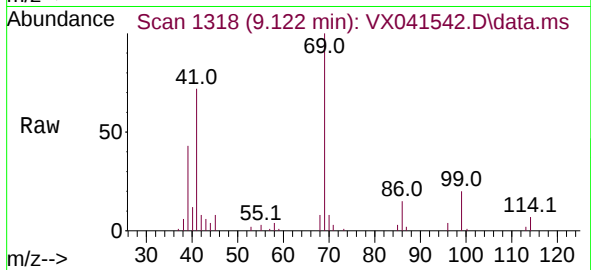




#51
Ethyl methacrylate
Concen: 4.381 ug/l
RT: 9.122 min Scan# 1318
Delta R.T. 0.006 min
Lab File: VX041542.D
Acq: 15 May 2024 16:20

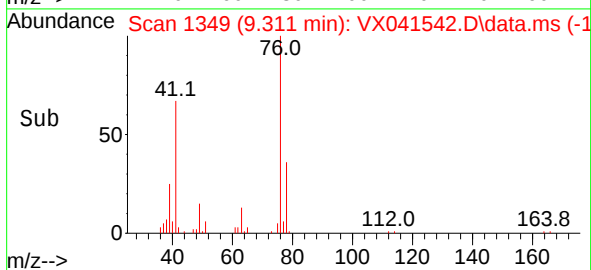
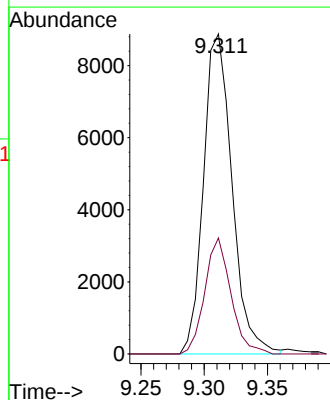
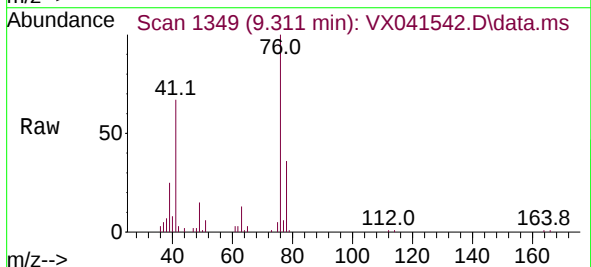
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2024

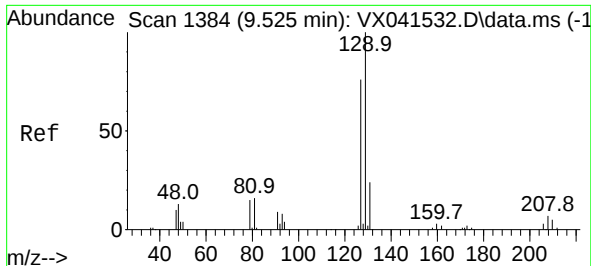
Tgt Ion: 69 Resp: 11997
Ion Ratio Lower Upper
69 100
41 71.8 37.1 111.3
39 42.9 20.2 60.6



#52
1,3-Dichloropropane
Concen: 4.965 ug/l
RT: 9.311 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VX041542.D
Acq: 15 May 2024 16:20

Tgt Ion: 76 Resp: 13956
Ion Ratio Lower Upper
76 100
78 33.2 0.0 64.4





#53

Dibromochloromethane

Concen: 4.224 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. -0.006 min

Lab File: VX041542.D

Acq: 15 May 2024 16:20

Instrument :

MSVOA_X

ClientSampleId :

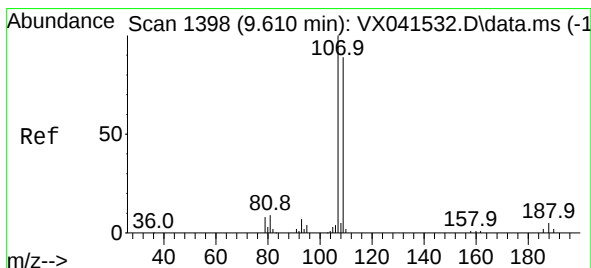
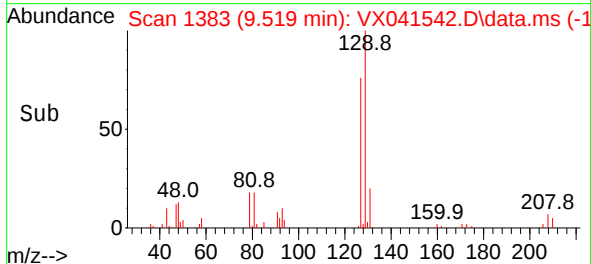
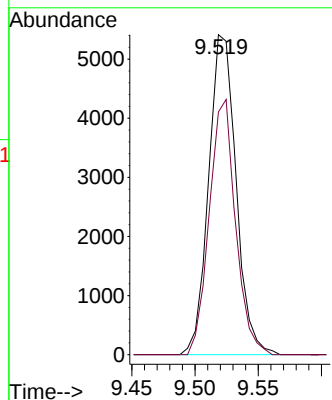
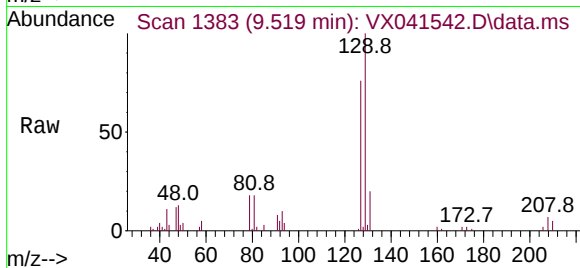
LOQ-WATER-02-QT2-2024

Tgt Ion:129 Resp: 8176

Ion Ratio Lower Upper

129 100

127 76.3 38.9 116.7



#54

1,2-Dibromoethane

Concen: 4.868 ug/l

RT: 9.610 min Scan# 1398

Delta R.T. 0.000 min

Lab File: VX041542.D

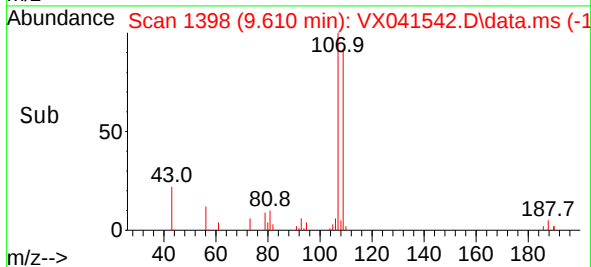
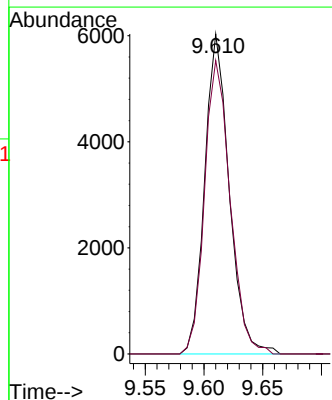
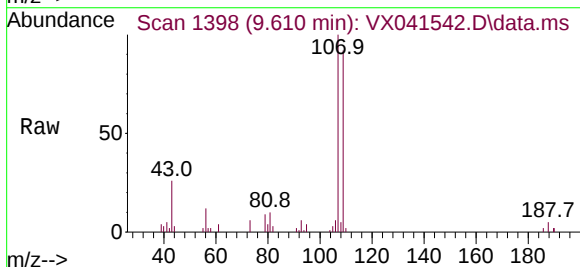
Acq: 15 May 2024 16:20

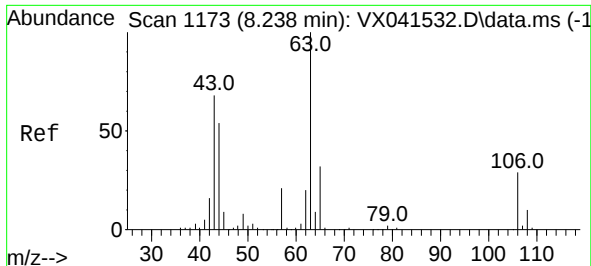
Tgt Ion:107 Resp: 8782

Ion Ratio Lower Upper

107 100

109 95.4 75.3 112.9

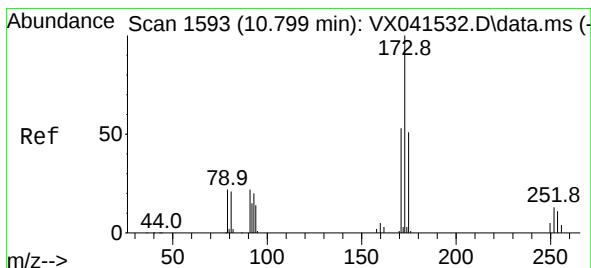
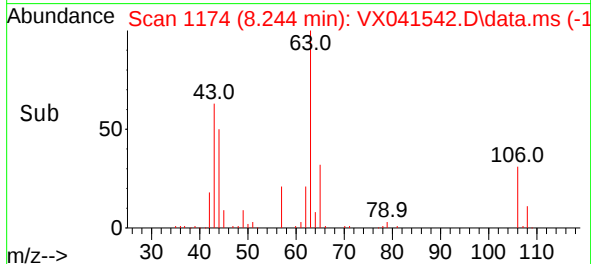
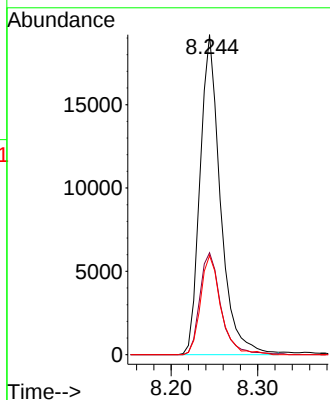
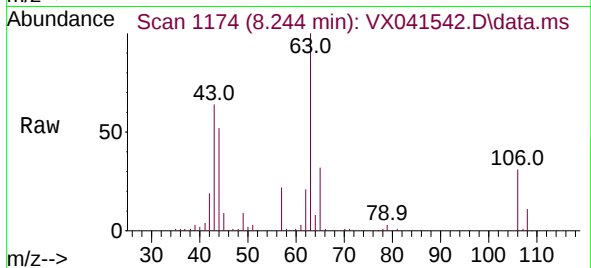




#55
2-Chloroethyl vinyl ether
Concen: 23.505 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. 0.006 min
Lab File: VX041542.D
Acq: 15 May 2024 16:20

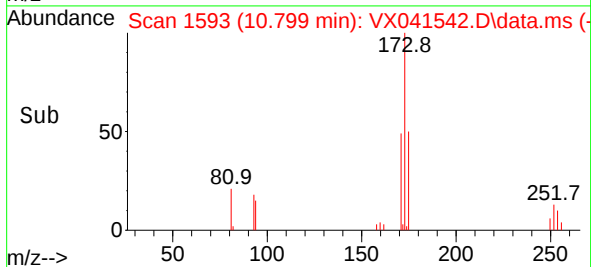
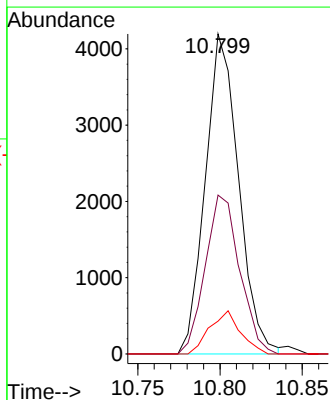
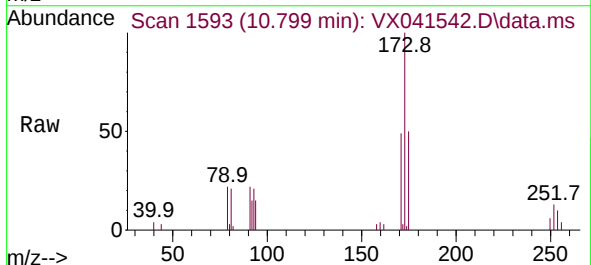
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2024

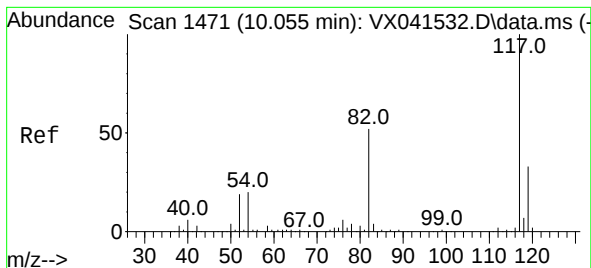
Tgt Ion: 63 Resp: 31415
Ion Ratio Lower Upper
63 100
65 32.8 25.5 38.3
106 31.0 24.7 37.1



#56
Bromoform
Concen: 3.803 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX041542.D
Acq: 15 May 2024 16:20

Tgt Ion: 173 Resp: 5897
Ion Ratio Lower Upper
173 100
175 51.4 39.0 58.6
254 12.5 10.3 15.5





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX041542.D

Acq: 15 May 2024 16:20

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2024

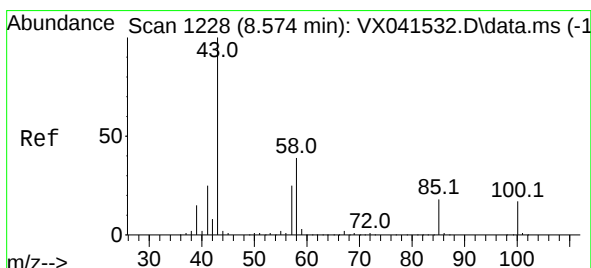
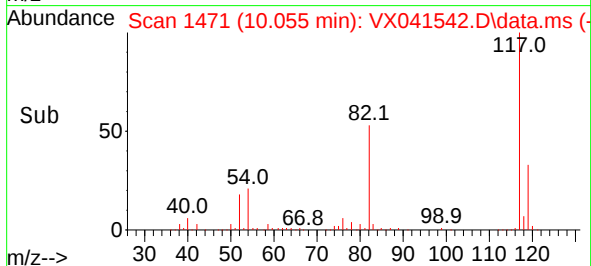
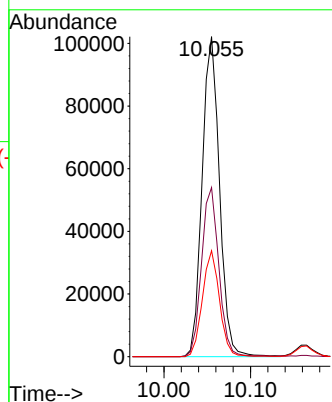
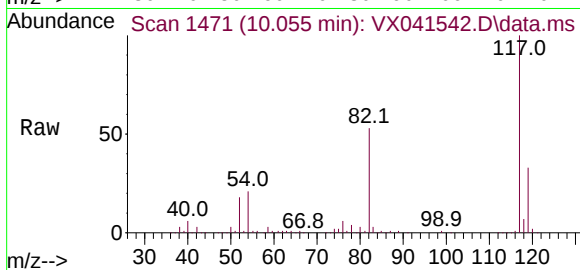
Tgt Ion:117 Resp: 142400

Ion Ratio Lower Upper

117 100

82 52.5 41.7 62.5

119 32.6 25.7 38.5



#58

4-Methyl-2-Pentanone

Concen: 25.481 ug/l

RT: 8.580 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VX041542.D

Acq: 15 May 2024 16:20

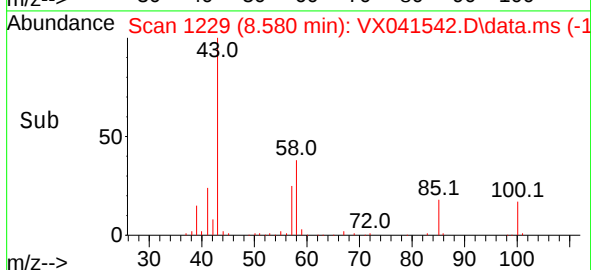
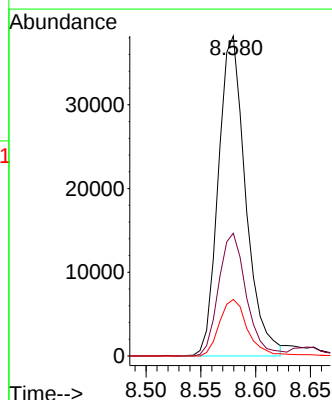
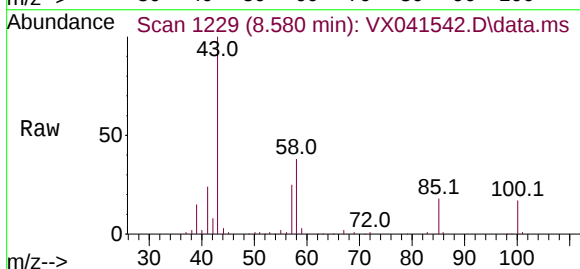
Tgt Ion: 43 Resp: 66298

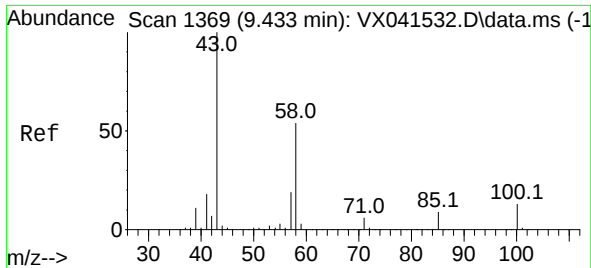
Ion Ratio Lower Upper

43 100

58 38.9 30.2 45.4

85 18.2 14.6 21.8

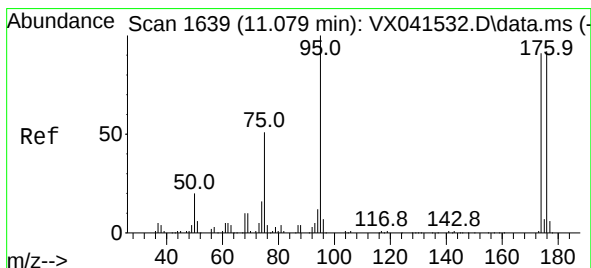
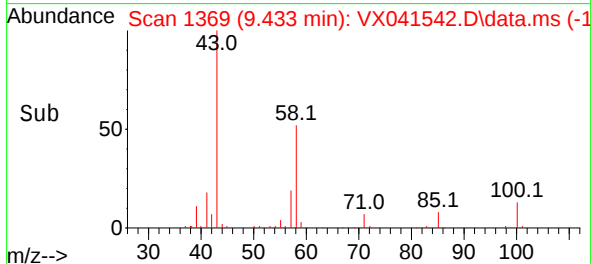
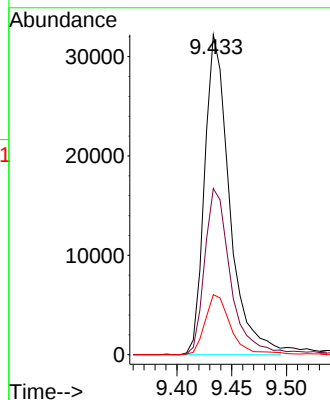
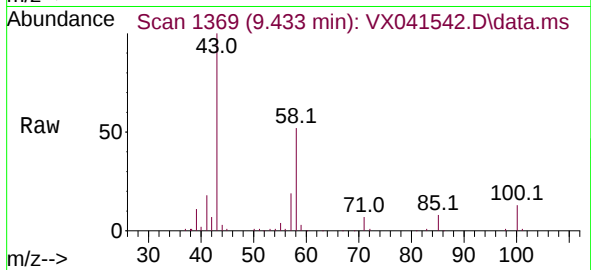




#59
2-Hexanone
Concen: 24.605 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX041542.D
Acq: 15 May 2024 16:20

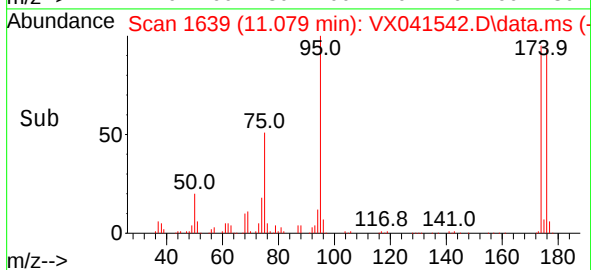
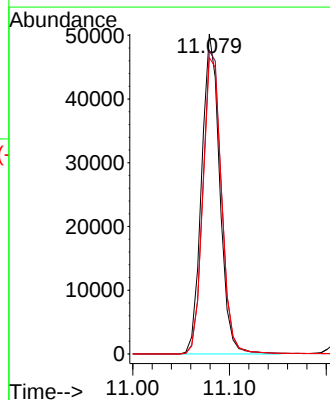
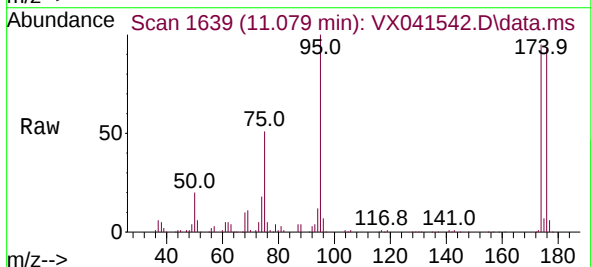
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2024

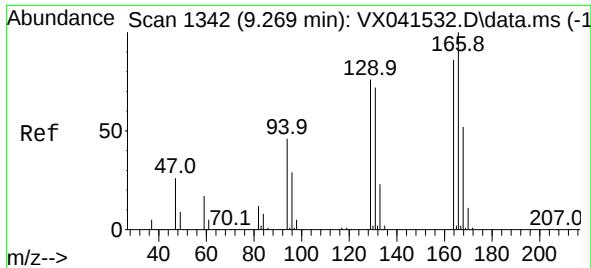
Tgt Ion: 43 Resp: 51001
Ion Ratio Lower Upper
43 100
58 53.5 42.3 63.5
57 18.6 15.1 22.7



#60
4-Bromofluorobenzene
Concen: 29.382 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX041542.D
Acq: 15 May 2024 16:20

Tgt Ion: 95 Resp: 65315
Ion Ratio Lower Upper
95 100
174 97.0 76.6 115.0
176 95.1 75.4 113.0

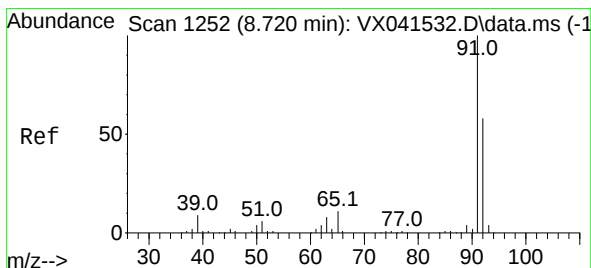
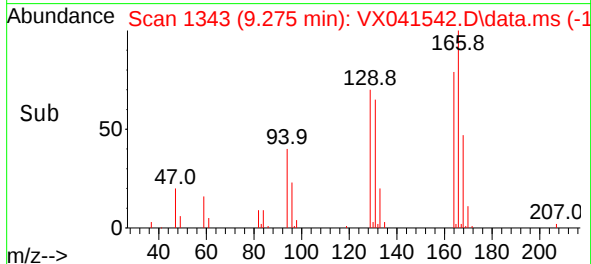
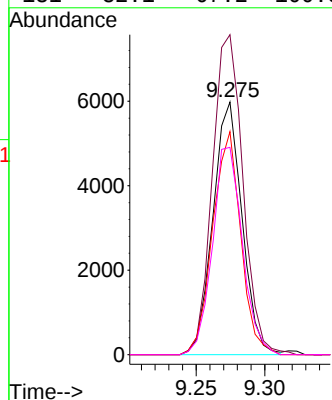
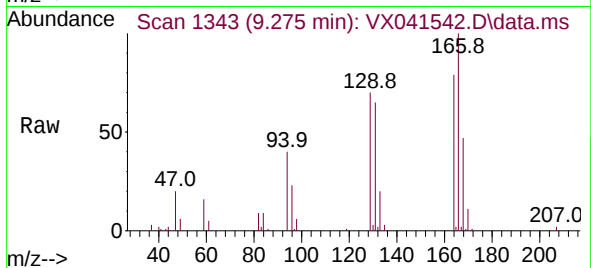




#61
Tetrachloroethene
Concen: 5.072 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.006 min
Lab File: VX041542.D
Acq: 15 May 2024 16:20

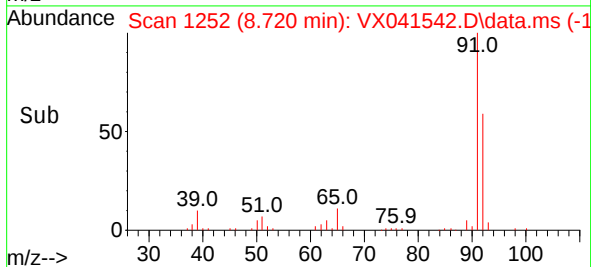
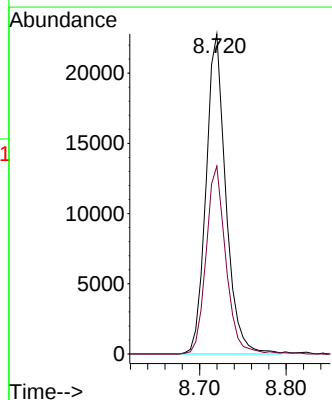
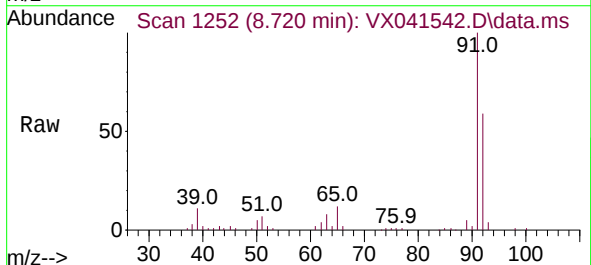
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2024

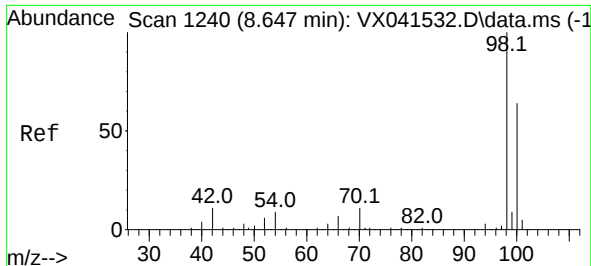
Tgt Ion:164 Resp: 8837
Ion Ratio Lower Upper
164 100
166 126.7 92.8 139.2
129 88.3 70.1 105.1
131 82.1 67.2 100.8



#62
Toluene
Concen: 5.103 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX041542.D
Acq: 15 May 2024 16:20

Tgt Ion: 91 Resp: 36159
Ion Ratio Lower Upper
91 100
92 58.2 47.0 70.6





#63

Toluene-d8

Concen: 30.888 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX041542.D

Acq: 15 May 2024 16:20

Instrument :

MSVOA_X

ClientSampleId :

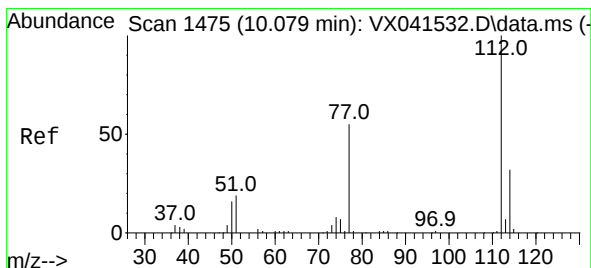
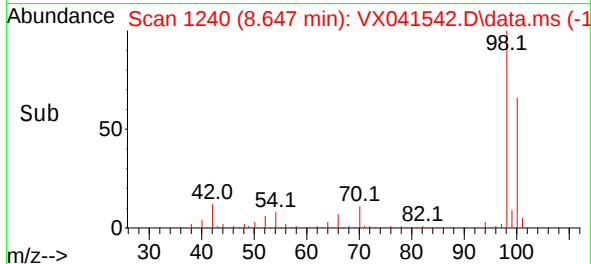
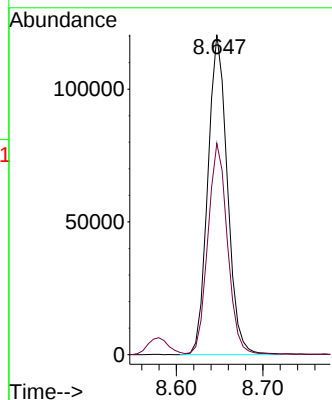
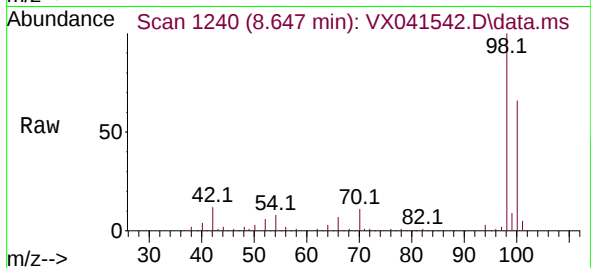
LOQ-WATER-02-QT2-2024

Tgt Ion: 98 Resp: 188545

Ion Ratio Lower Upper

98 100

100 66.4 53.1 79.7



#64

Chlorobenzene

Concen: 5.007 ug/l

RT: 10.079 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VX041542.D

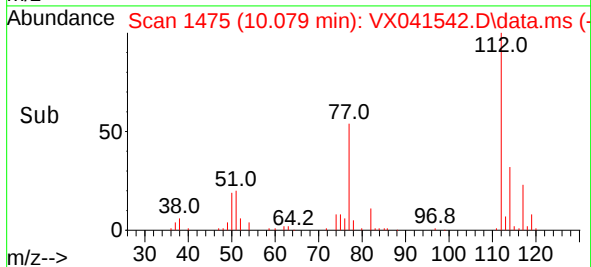
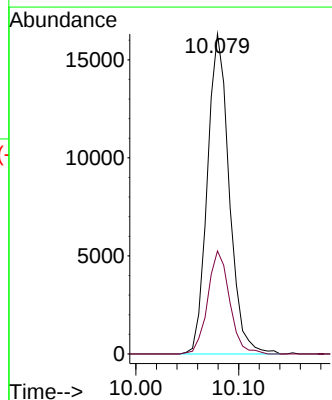
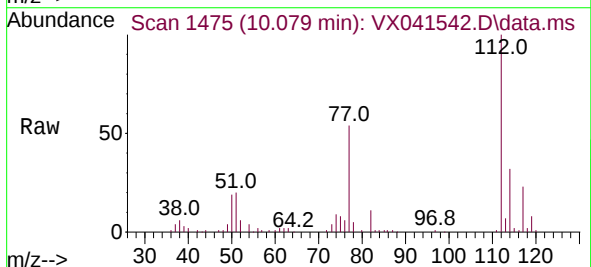
Acq: 15 May 2024 16:20

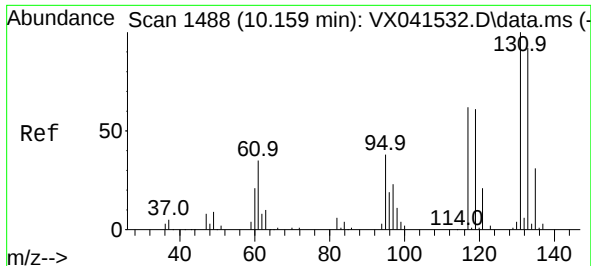
Tgt Ion: 112 Resp: 24099

Ion Ratio Lower Upper

112 100

114 32.2 26.0 39.0





#65

1,1,1,2-Tetrachloroethane

Concen: 4.695 ug/l

RT: 10.165 min Scan# 1489

Delta R.T. 0.006 min

Lab File: VX041542.D

Acq: 15 May 2024 16:20

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2024

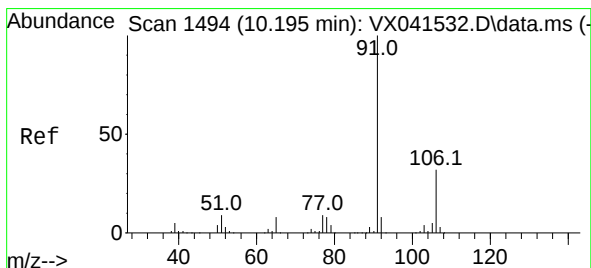
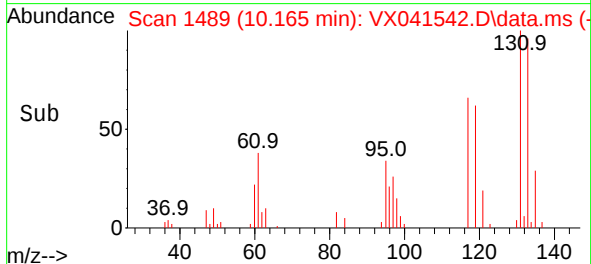
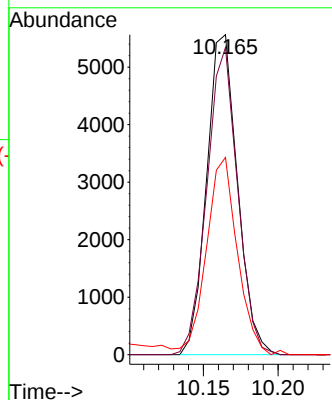
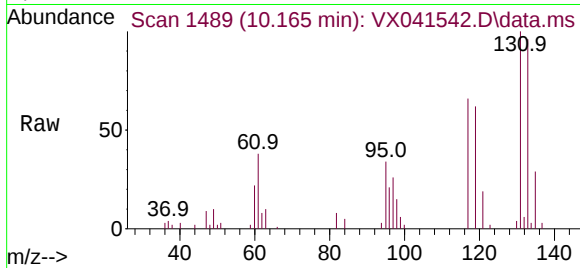
Tgt Ion:131 Resp: 7998

Ion Ratio Lower Upper

131 100

133 95.4 0.0 191.6

119 61.6 0.0 126.4



#66

Ethyl Benzene

Concen: 4.742 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX041542.D

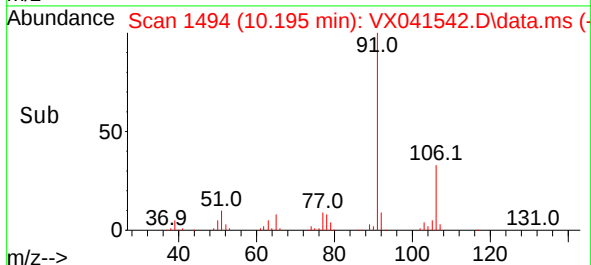
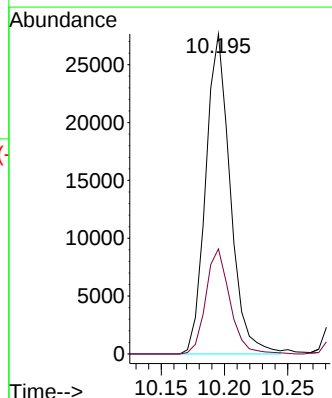
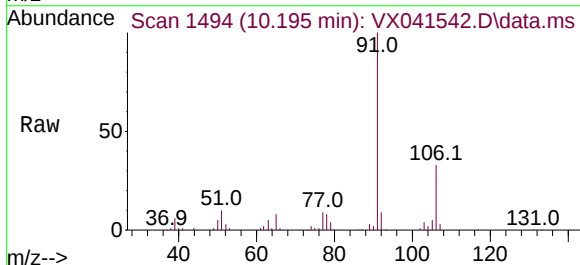
Acq: 15 May 2024 16:20

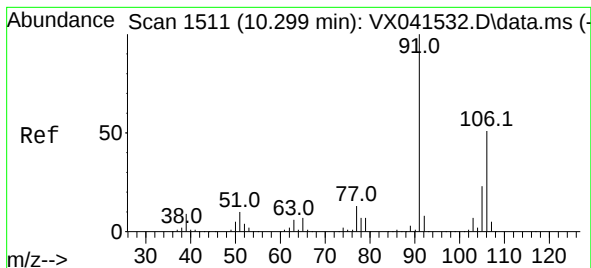
Tgt Ion: 91 Resp: 37308

Ion Ratio Lower Upper

91 100

106 32.8 25.9 38.9

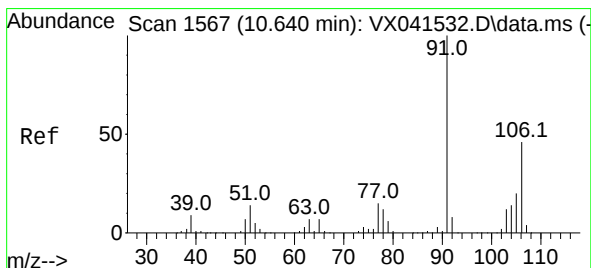
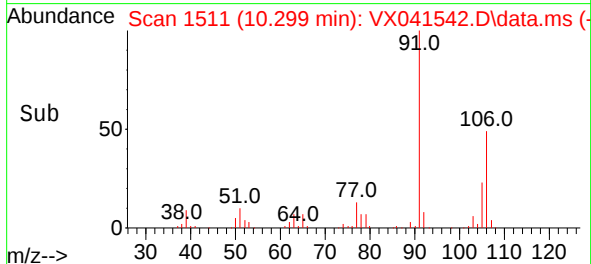
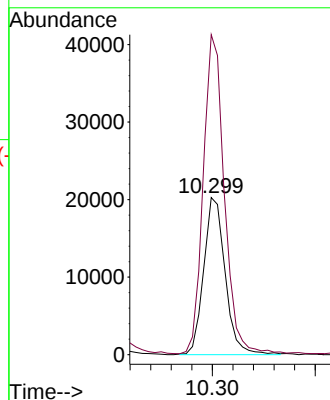
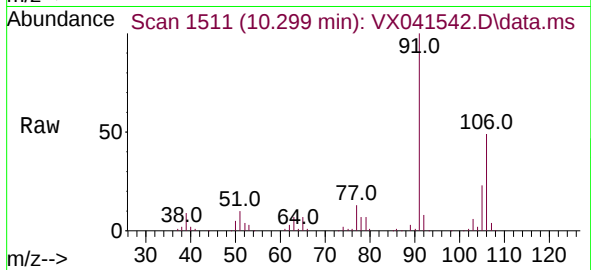




#67
m/p-Xylenes
Concen: 9.585 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX041542.D
Acq: 15 May 2024 16:20

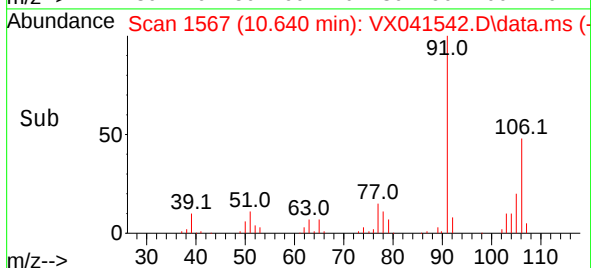
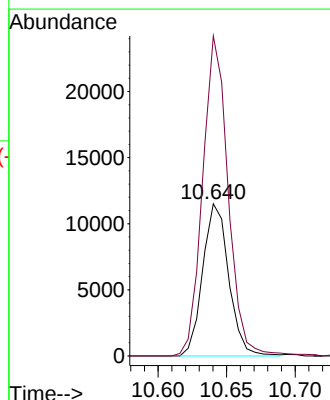
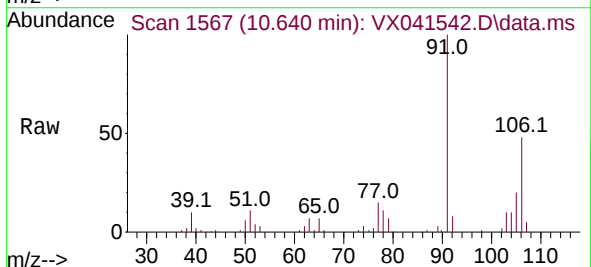
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2024

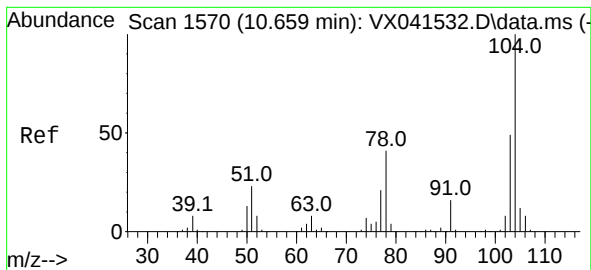
Tgt Ion:106 Resp: 29490
Ion Ratio Lower Upper
106 100
91 201.2 156.5 234.7



#68
o-Xylene
Concen: 4.910 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX041542.D
Acq: 15 May 2024 16:20

Tgt Ion:106 Resp: 15207
Ion Ratio Lower Upper
106 100
91 206.5 105.2 315.6





#69

Styrene

Concen: 4.517 ug/l

RT: 10.659 min Scan# 1570

Delta R.T. 0.000 min

Lab File: VX041542.D

Acq: 15 May 2024 16:20

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2024

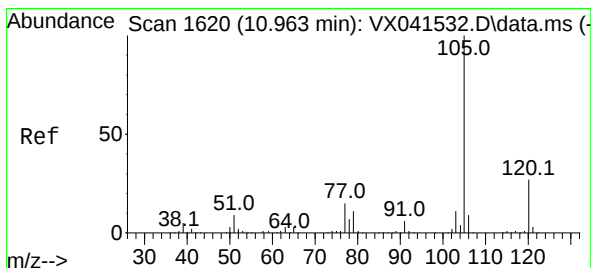
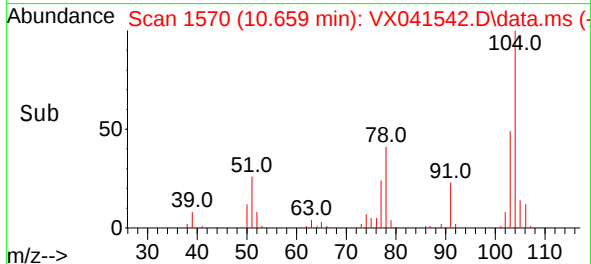
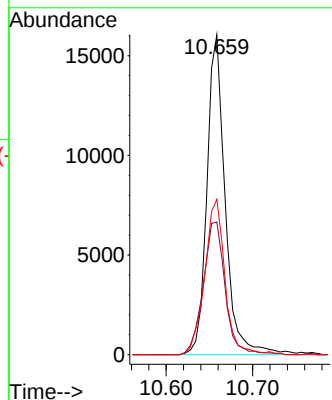
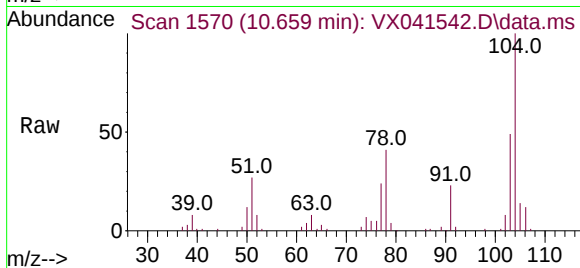
Tgt Ion:104 Resp: 23458

Ion Ratio Lower Upper

104 100

78 49.7 39.3 58.9

103 53.6 43.2 64.8



#70

Isopropylbenzene

Concen: 4.768 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX041542.D

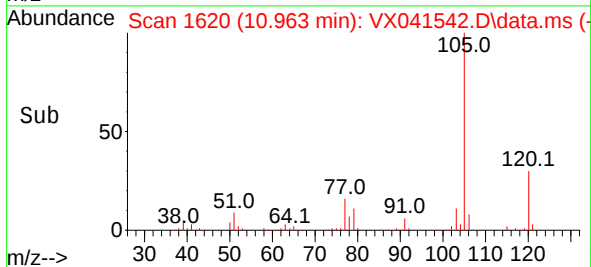
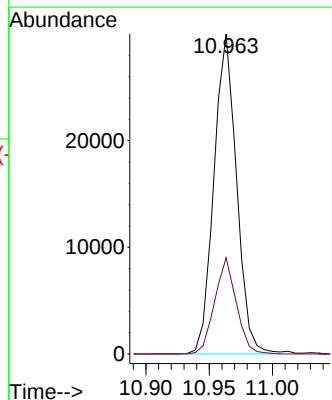
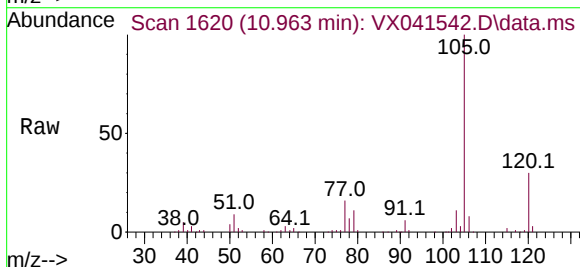
Acq: 15 May 2024 16:20

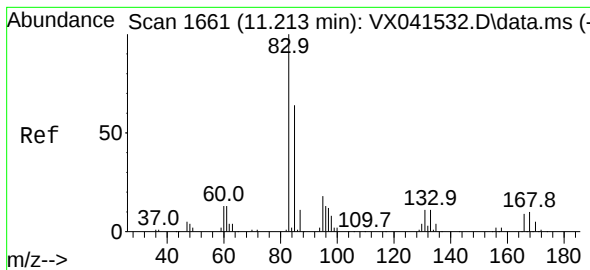
Tgt Ion:105 Resp: 37311

Ion Ratio Lower Upper

105 100

120 28.7 18.8 34.8

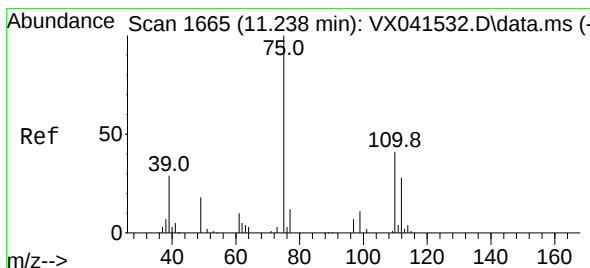
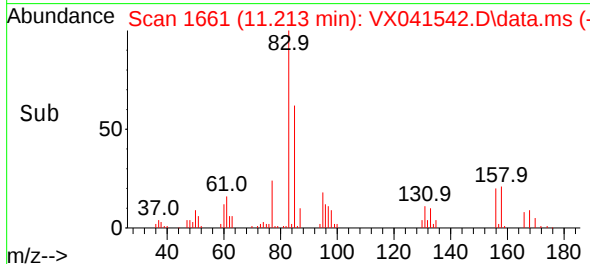
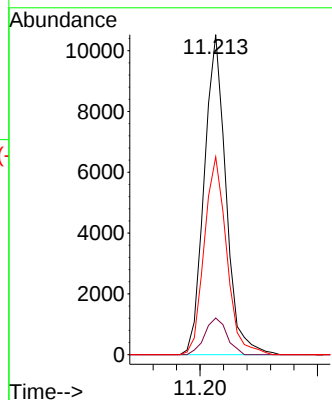
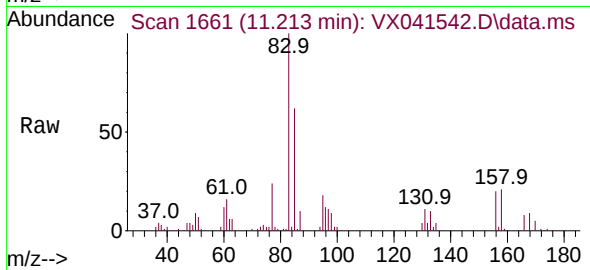




#71
1,1,2,2-Tetrachloroethane
Concen: 5.031 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX041542.D
Acq: 15 May 2024 16:20

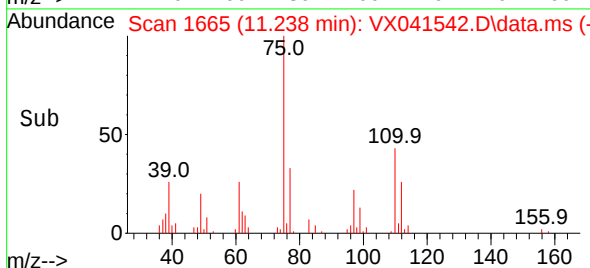
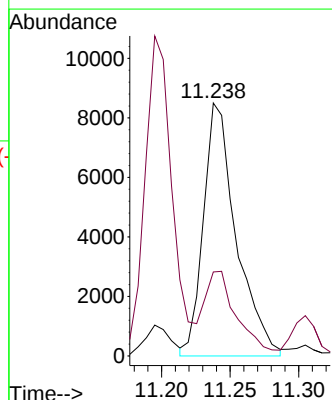
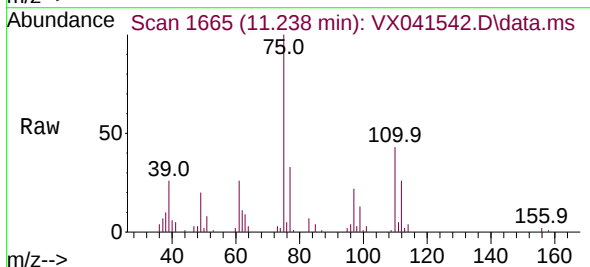
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2024

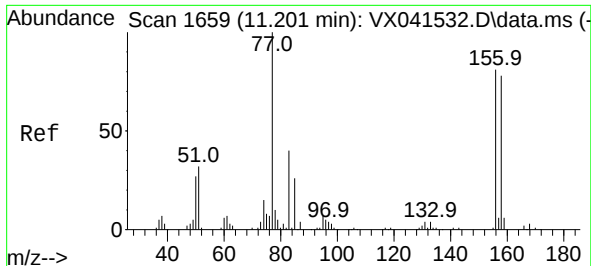
Tgt Ion: 83 Resp: 13525
Ion Ratio Lower Upper
83 100
131 11.6 5.7 17.0
85 63.6 32.3 96.8



#72
1,2,3-Trichloropropane
Concen: 5.838 ug/l
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX041542.D
Acq: 15 May 2024 16:20

Tgt Ion: 75 Resp: 14153
Ion Ratio Lower Upper
75 100
77 32.8 0.0 78.8

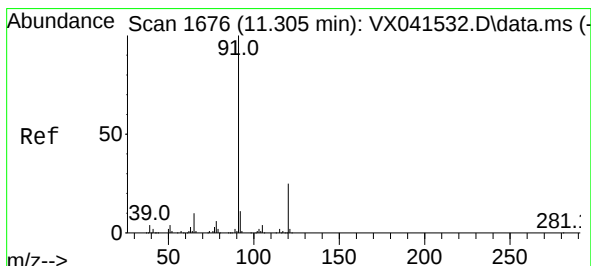
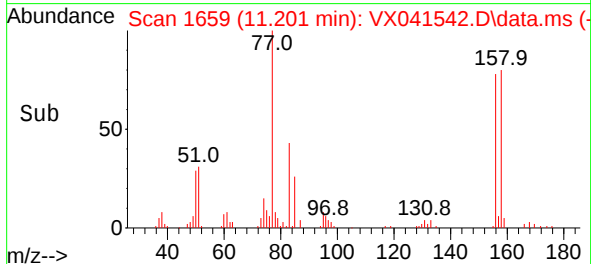
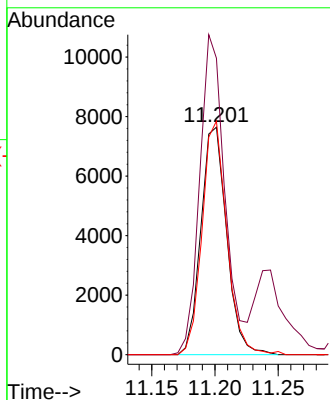
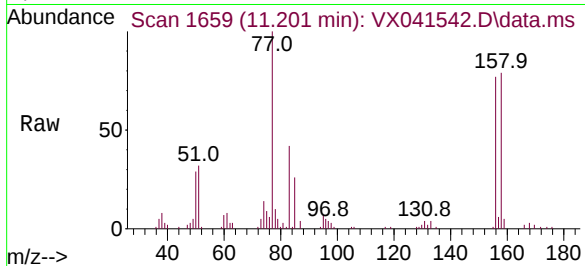




#73
Bromobenzene
Concen: 4.722 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.000 min
Lab File: VX041542.D
Acq: 15 May 2024 16:20

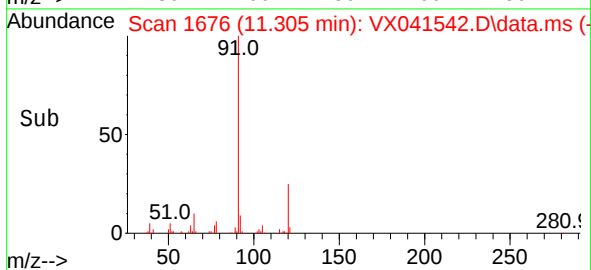
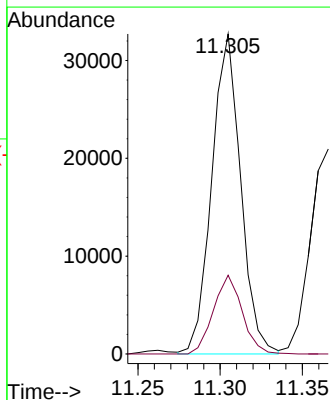
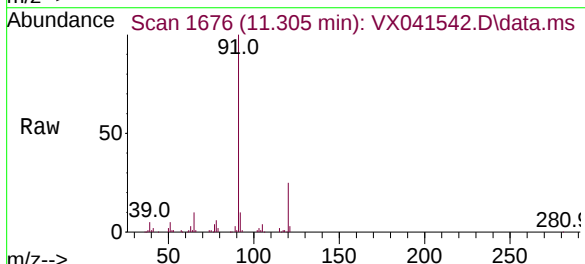
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2024

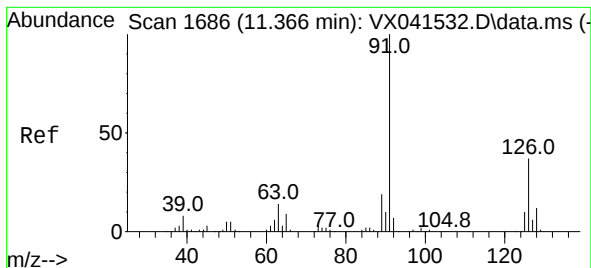
Tgt Ion:156 Resp: 10858
Ion Ratio Lower Upper
156 100
77 137.9 0.0 267.4
158 98.3 0.0 192.8



#74
n-propylbenzene
Concen: 4.527 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX041542.D
Acq: 15 May 2024 16:20

Tgt Ion: 91 Resp: 39952
Ion Ratio Lower Upper
91 100
120 24.5 0.0 48.4





#75

2-Chlorotoluene

Concen: 5.030 ug/l

RT: 11.366 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX041542.D

Acq: 15 May 2024 16:20

Instrument :

MSVOA_X

ClientSampleId :

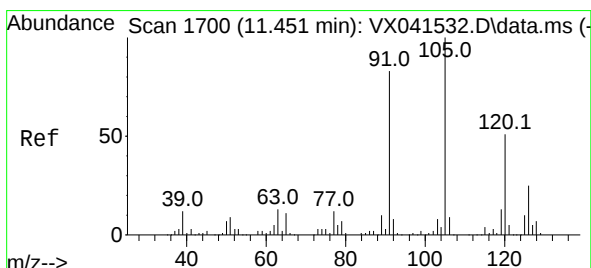
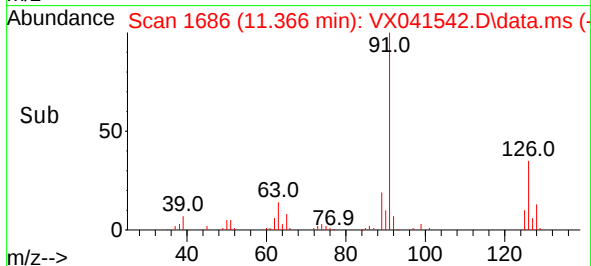
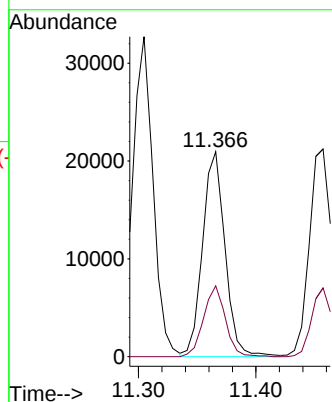
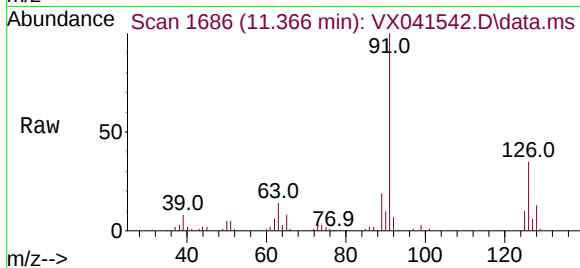
LOQ-WATER-02-QT2-2024

Tgt Ion: 91 Resp: 27876

Ion Ratio Lower Upper

91 100

126 33.4 0.0 71.6



#76

1,3,5-Trimethylbenzene

Concen: 4.650 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX041542.D

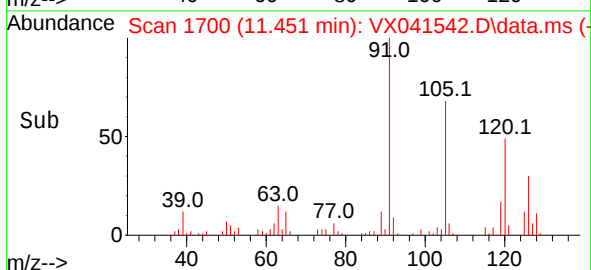
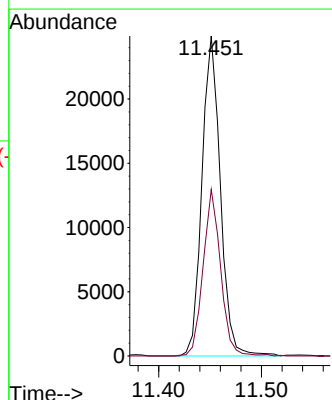
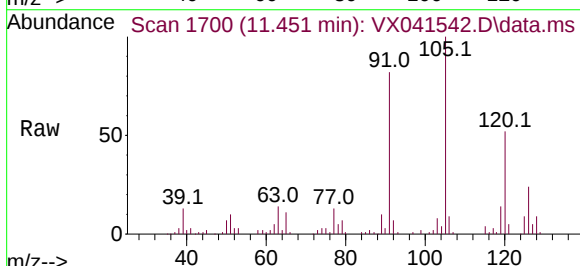
Acq: 15 May 2024 16:20

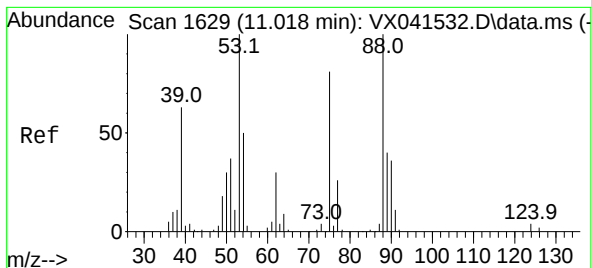
Tgt Ion:105 Resp: 31059

Ion Ratio Lower Upper

105 100

120 49.3 0.0 102.6

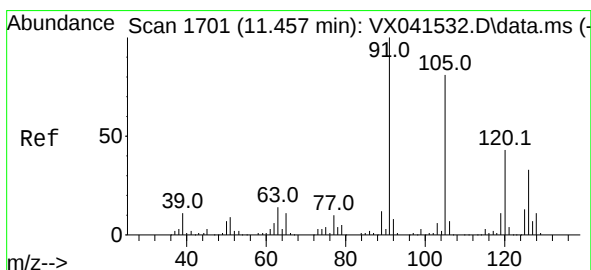
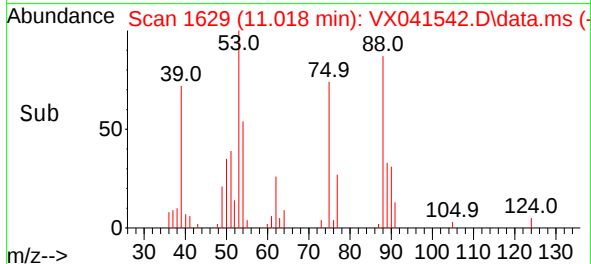
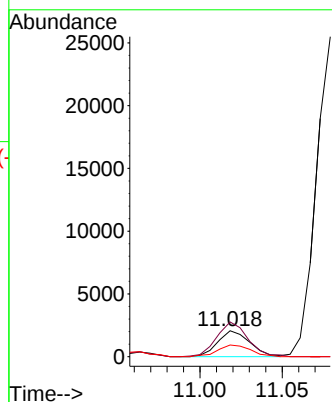
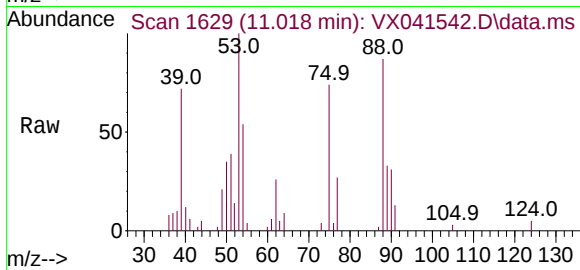




#77
t-1,4-Dichloro-2-butene
Concen: 3.664 ug/l
RT: 11.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX041542.D
Acq: 15 May 2024 16:20

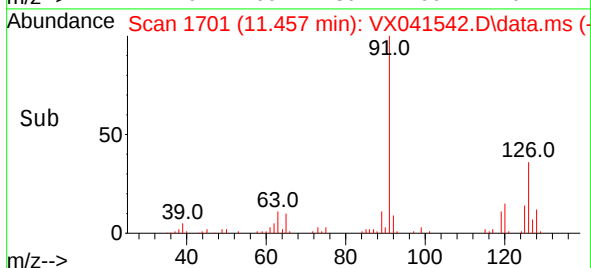
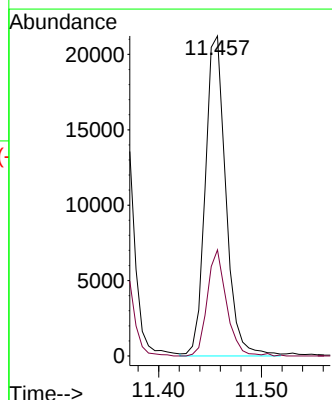
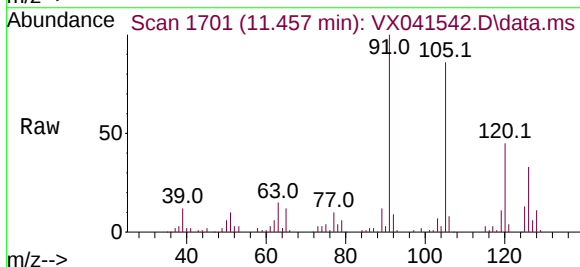
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2024

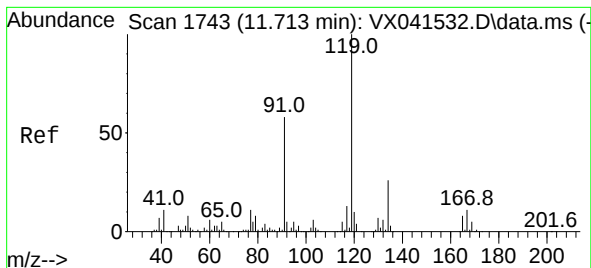
Tgt Ion: 75 Resp: 2792
Ion Ratio Lower Upper
75 100
53 134.3 61.8 185.3
89 44.9 24.9 74.7



#78
4-Chlorotoluene
Concen: 4.686 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX041542.D
Acq: 15 May 2024 16:20

Tgt Ion: 91 Resp: 29575
Ion Ratio Lower Upper
91 100
126 30.7 0.0 62.2





#79

tert-butylbenzene

Concen: 4.629 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX041542.D

Acq: 15 May 2024 16:20

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2024

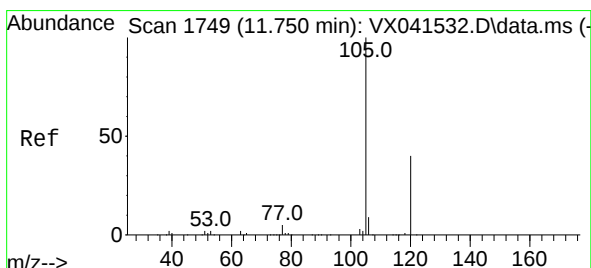
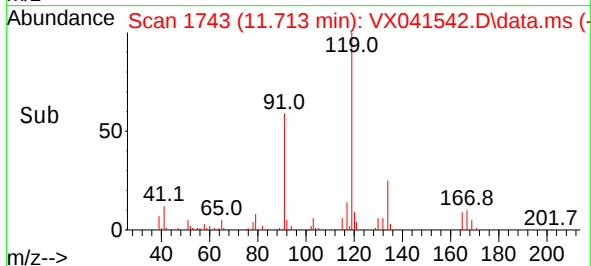
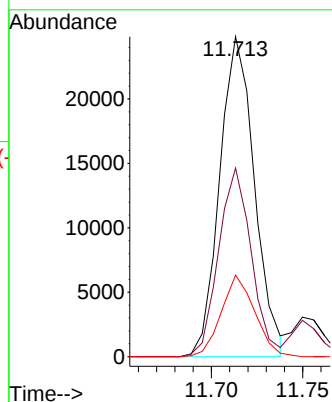
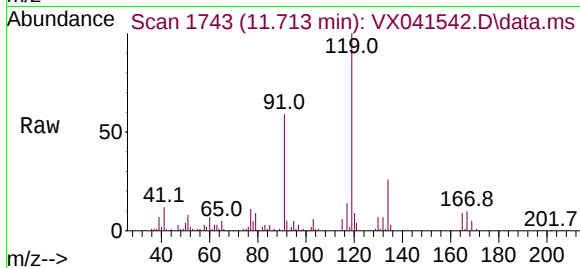
Tgt Ion:119 Resp: 32908

Ion Ratio Lower Upper

119 100

91 55.5 0.0 110.0

134 24.6 0.0 50.0



#80

1,2,4-Trimethylbenzene

Concen: 4.603 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX041542.D

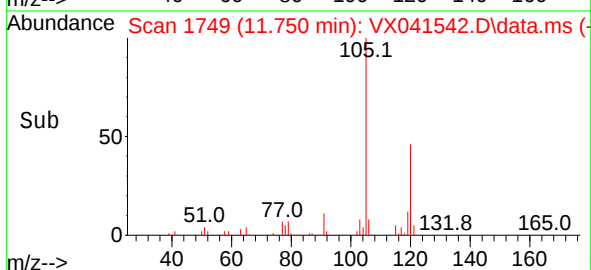
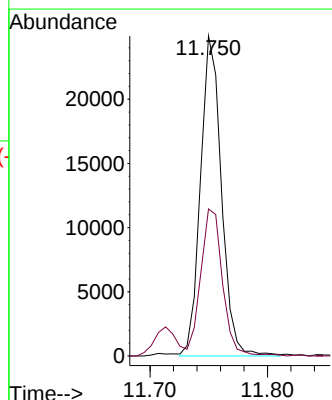
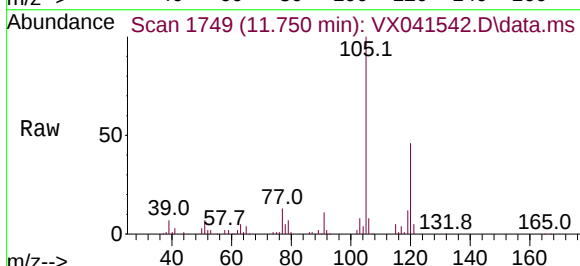
Acq: 15 May 2024 16:20

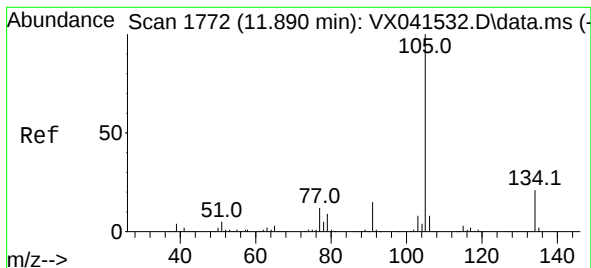
Tgt Ion:105 Resp: 30820

Ion Ratio Lower Upper

105 100

120 47.3 0.0 92.2





#81

sec-Butylbenzene

Concen: 4.541 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VX041542.D

Acq: 15 May 2024 16:20

Instrument :

MSVOA_X

ClientSampleId :

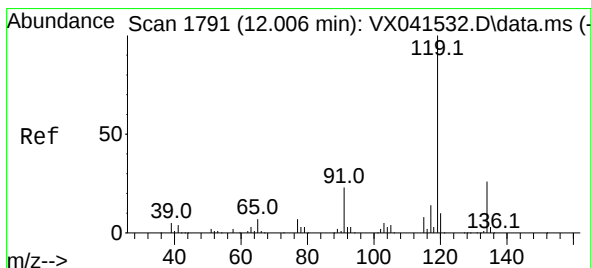
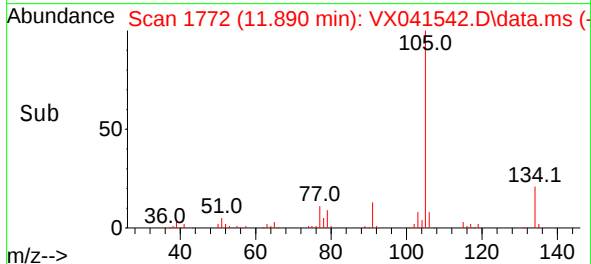
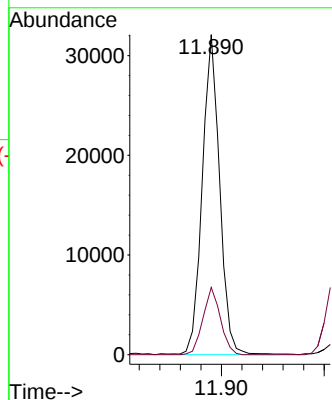
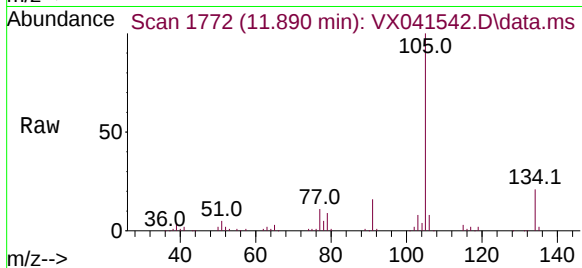
LOQ-WATER-02-QT2-2024

Tgt Ion:105 Resp: 37721

Ion Ratio Lower Upper

105 100

134 21.0 0.0 43.4



#82

p-Isopropyltoluene

Concen: 4.097 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. 0.000 min

Lab File: VX041542.D

Acq: 15 May 2024 16:20

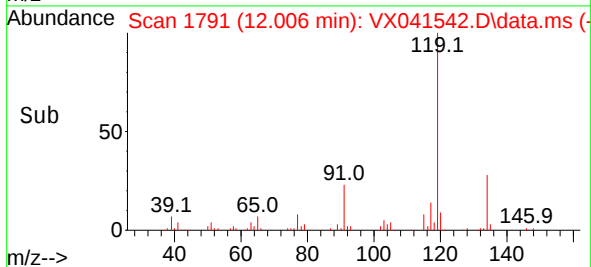
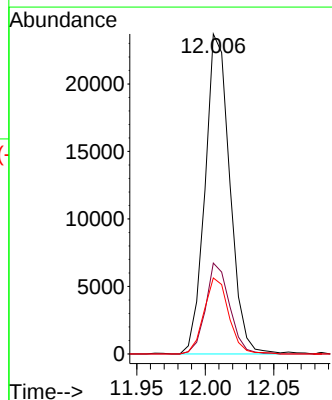
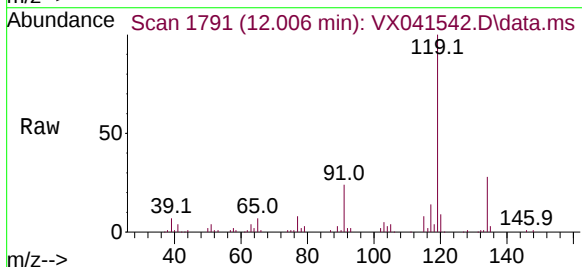
Tgt Ion:119 Resp: 29795

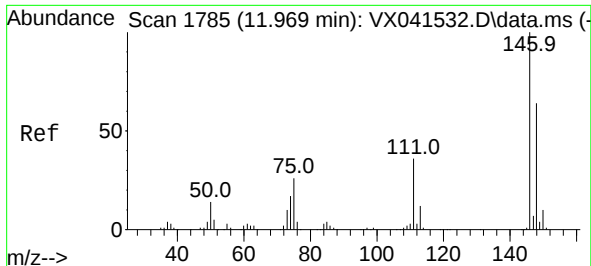
Ion Ratio Lower Upper

119 100

134 27.5 0.0 53.4

91 23.7 0.0 44.8





#83

1,3-Dichlorobenzene

Concen: 4.574 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX041542.D

Acq: 15 May 2024 16:20

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2024

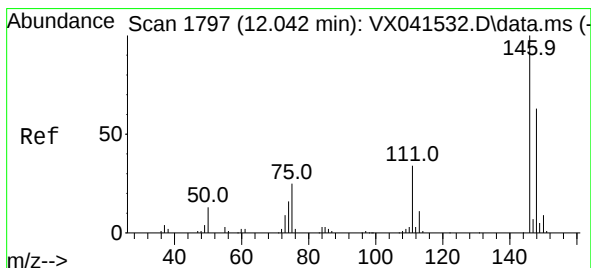
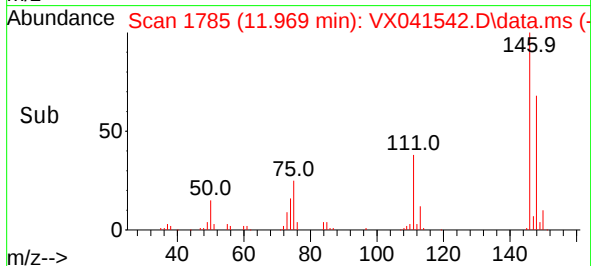
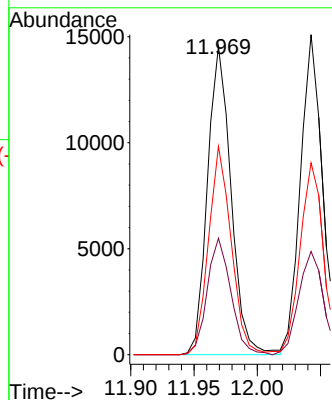
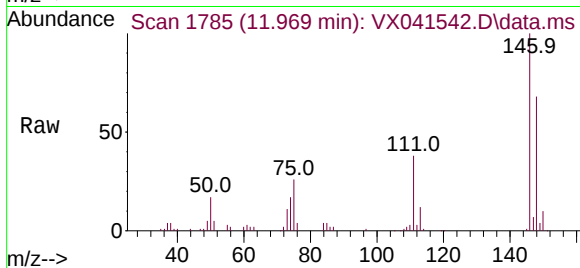
Tgt Ion:146 Resp: 18865

Ion Ratio Lower Upper

146 100

111 37.9 18.4 55.2

148 65.7 32.3 96.9



#84

1,4-Dichlorobenzene

Concen: 4.349 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX041542.D

Acq: 15 May 2024 16:20

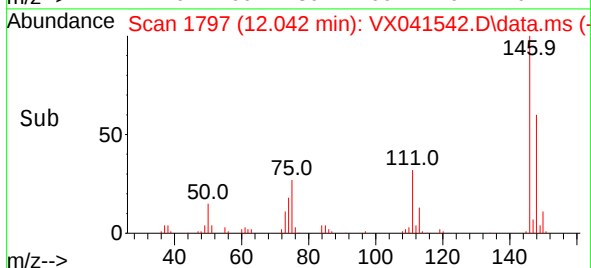
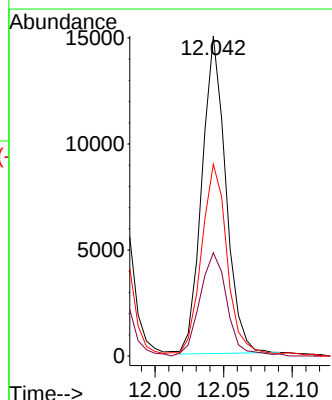
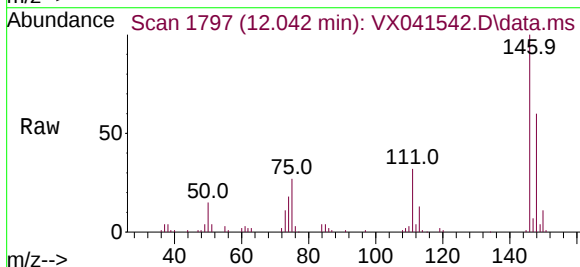
Tgt Ion:146 Resp: 18124

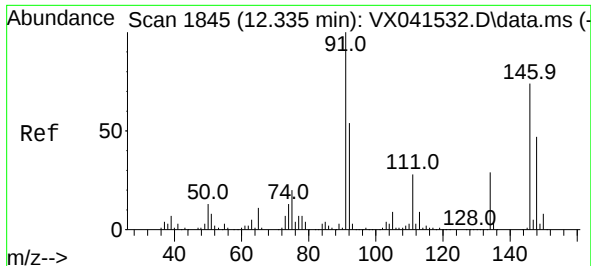
Ion Ratio Lower Upper

146 100

111 37.0 17.8 53.5

148 65.5 31.9 95.5





#85

n-Butylbenzene

Concen: 3.804 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX041542.D

Acq: 15 May 2024 16:20

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2024

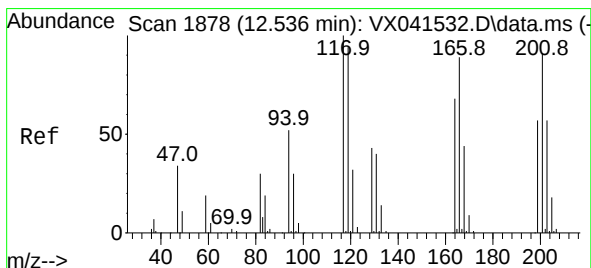
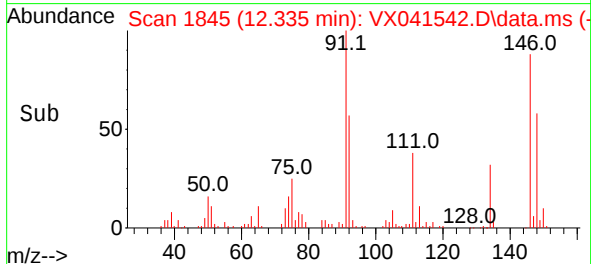
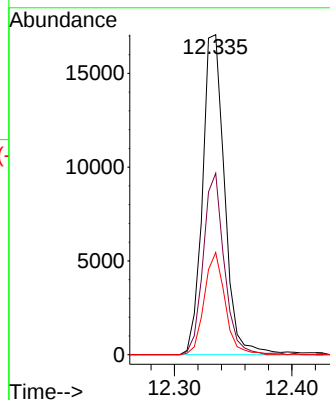
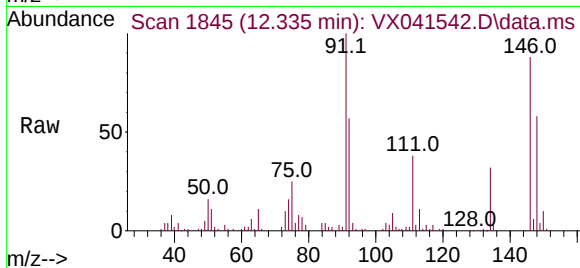
Tgt Ion: 91 Resp: 22258

Ion Ratio Lower Upper

91 100

92 53.8 0.0 108.4

134 30.0 0.0 56.6



#86

Hexachloroethane

Concen: 3.954 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX041542.D

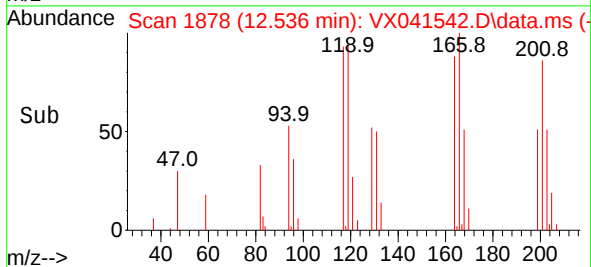
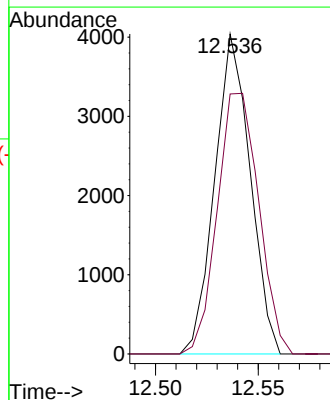
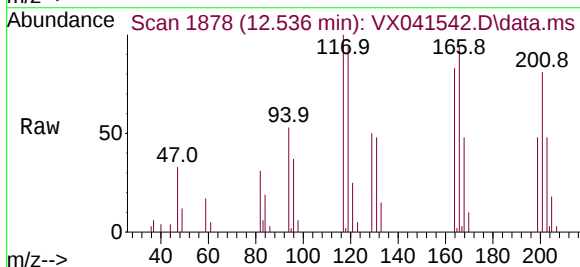
Acq: 15 May 2024 16:20

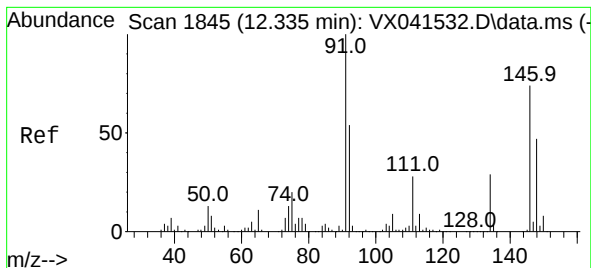
Tgt Ion: 117 Resp: 4841

Ion Ratio Lower Upper

117 100

201 95.5 47.3 141.8





#87

1,2-Dichlorobenzene

Concen: 4.720 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX041542.D

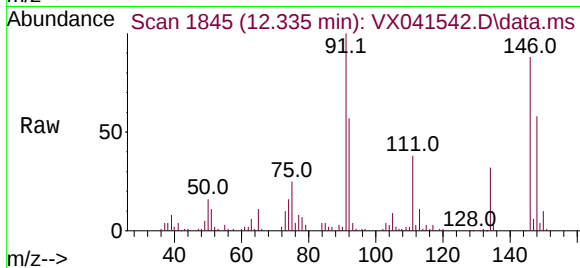
Acq: 15 May 2024 16:20

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2024



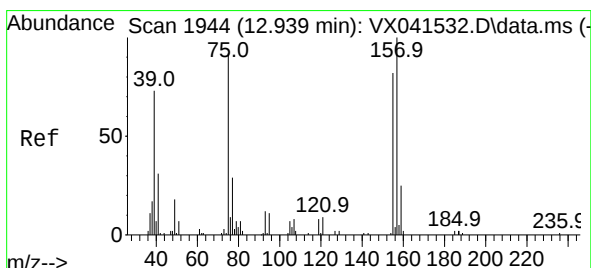
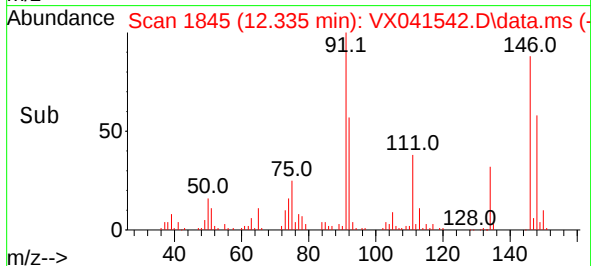
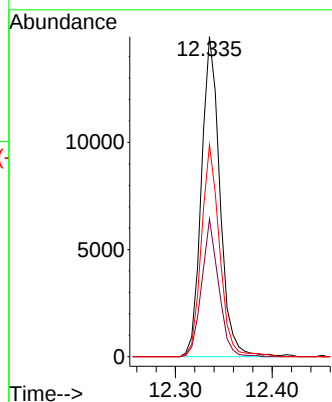
Tgt Ion:146 Resp: 19867

Ion Ratio Lower Upper

146 100

111 39.3 19.3 57.9

148 65.0 31.8 95.4



#88

1,2-Dibromo-3-Chloropropane

Concen: 4.466 ug/l

RT: 12.939 min Scan# 1944

Delta R.T. 0.000 min

Lab File: VX041542.D

Acq: 15 May 2024 16:20

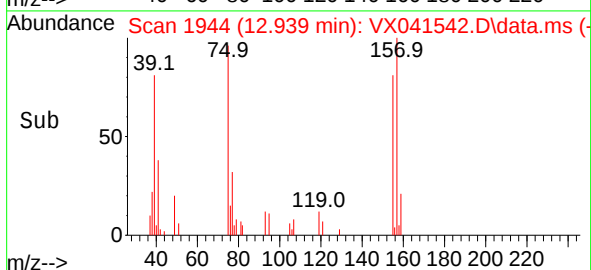
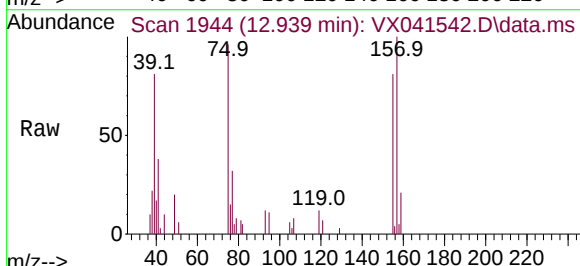
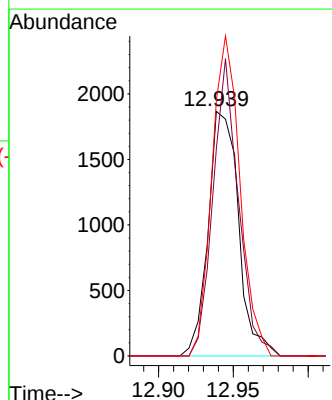
Tgt Ion: 75 Resp: 2637

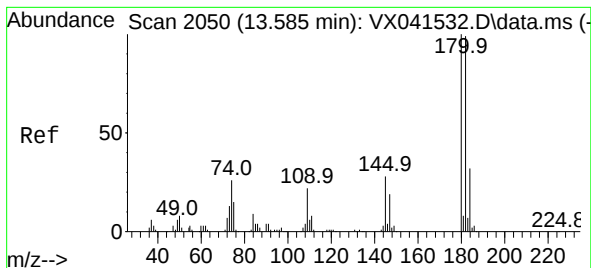
Ion Ratio Lower Upper

75 100

155 101.8 80.4 120.6

157 120.9 102.2 153.2





#89

1,2,4-Trichlorobenzene

Concen: 4.226 ug/l

RT: 13.591 min Scan# 2050

Delta R.T. 0.006 min

Lab File: VX041542.D

Acq: 15 May 2024 16:20

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2024

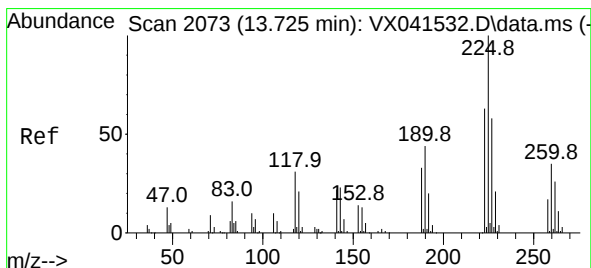
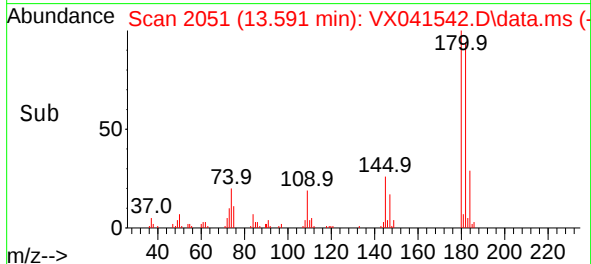
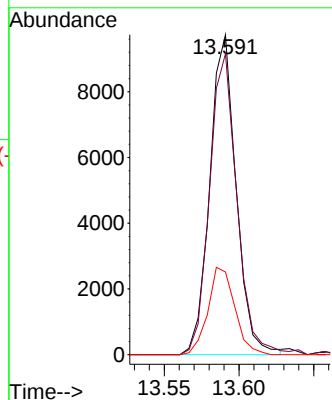
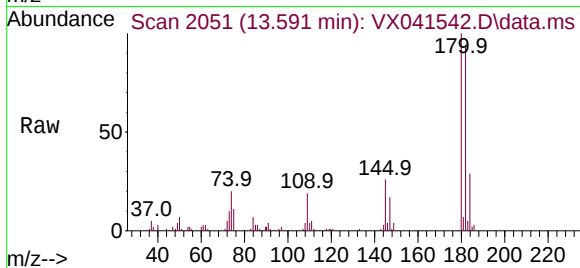
Tgt Ion:180 Resp: 11952

Ion Ratio Lower Upper

180 100

182 97.3 77.0 115.4

145 27.8 22.7 34.1



#90

Hexachlorobutadiene

Concen: 4.743 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX041542.D

Acq: 15 May 2024 16:20

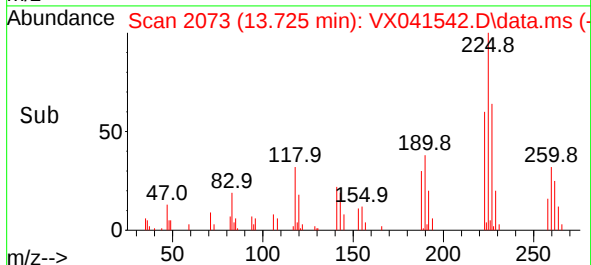
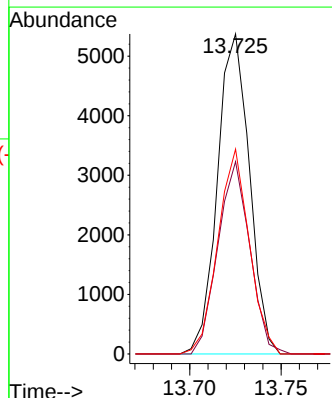
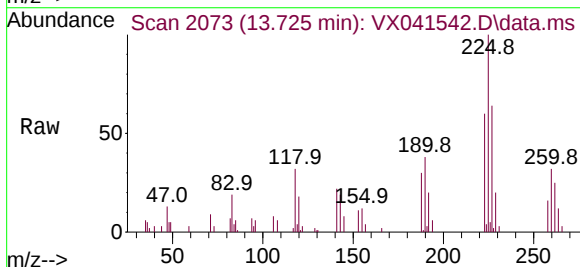
Tgt Ion:225 Resp: 6544

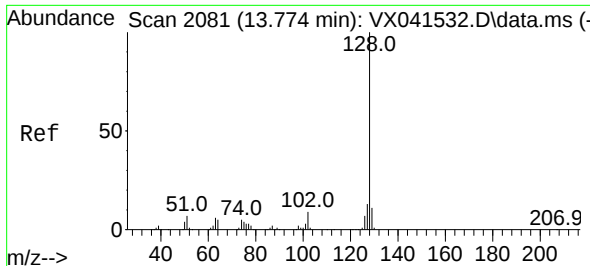
Ion Ratio Lower Upper

225 100

223 59.8 0.0 125.8

227 62.9 0.0 125.6

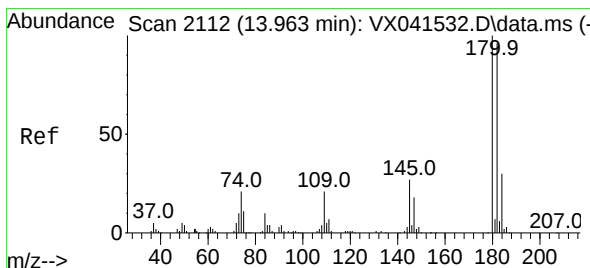
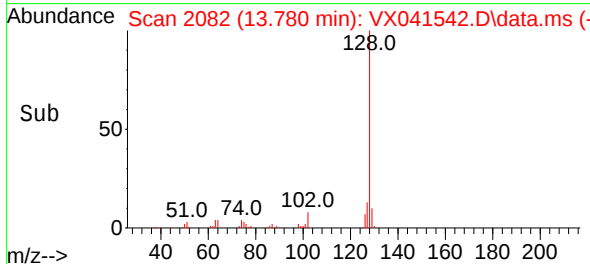
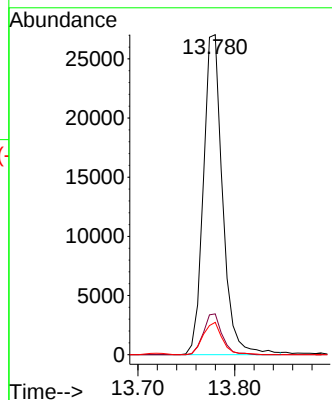
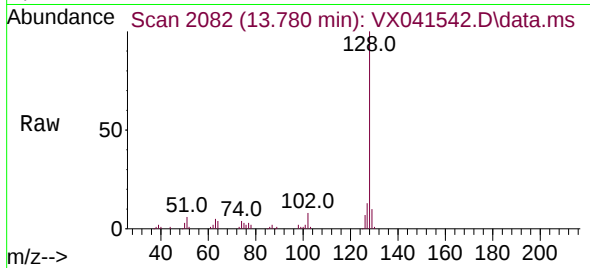




#91
Naphthalene
Concen: 4.423 ug/l
RT: 13.780 min Scan# 2081
Delta R.T. 0.006 min
Lab File: VX041542.D
Acq: 15 May 2024 16:20

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2024

Tgt Ion:128 Resp: 37386
Ion Ratio Lower Upper
128 100
127 12.4 10.6 16.0
129 10.2 8.8 13.2



#92
1,2,3-Trichlorobenzene
Concen: 4.495 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX041542.D
Acq: 15 May 2024 16:20

Tgt Ion:180 Resp: 12990
Ion Ratio Lower Upper
180 100
182 93.2 0.0 191.0
145 30.8 0.0 58.6

