

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061224\
 Data File : VU059219.D
 Acq On : 12 Jun 2024 13:18
 Operator : MD/SY
 Sample : P2403-08
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Jun 13 04:36:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U060524DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Jun 13 04:35:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.110	96	43033	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.631	95	14268	0.974	ug/l	0.00
Spiked Amount 1.000			Recovery	=	97.000%	
68) 1,2-Dichlorobenzene-d4	12.190	152	15706	1.025	ug/l	0.00
Spiked Amount 1.000			Recovery	=	102.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	12939	0.960	ug/l	100
3) Chloromethane	1.515	50	15500	0.955	ug/l	98
4) Vinyl Chloride	1.602	62	16302	0.994	ug/l	95
5) Bromomethane	1.853	94	10582	1.062	ug/l	100
6) Chloroethane	1.930	64	9907	0.939	ug/l	93
7) Trichlorofluoromethane	2.133	101	18273	0.898	ug/l	93
8) 1,1,2-Trichloro-1,2,2-...	2.576	101	10862	1.038	ug/l	97
9) 1,1-Dichloroethene	2.573	96	10020	0.967	ug/l	94
10) Iodomethane	2.715	142	13055	0.999	ug/l	96
11) Allyl Chloride	2.917	41	12633	0.902	ug/l	99
12) Acrylonitrile	3.335	53	5210m	2.225	ug/l	
13) Acetone	2.644	43	12502m	3.508	ug/l	
14) Carbon Disulfide	2.789	76	31820	0.963	ug/l	96
15) Methylene Chloride	3.039	84	15495	1.090	ug/l	98
16) trans-1,2-Dichloroethene	3.348	96	11817	1.045	ug/l	96
17) 1,1-Dichloroethane	3.862	63	22750	0.961	ug/l	98
18) 2-Butanone	4.731	43	15724m	3.978	ug/l	
19) Cyclohexane	5.383	56	15355m	0.896	ug/l	
20) Methylcyclohexane	6.756	83	15334	0.890	ug/l	96
21) 2,2-Dichloropropane	4.653	77	16221	0.926	ug/l	100
22) cis-1,2-Dichloroethene	4.660	96	12515	1.018	ug/l	98
23) Diethyl Ether	2.370	59	9229	0.950	ug/l	95
24) tert-Butyl Alcohol	3.232	59	5786m	9.281	ug/l	
25) Methyl tert-Butyl Ether	3.358	73	22831	0.919	ug/l	98
26) Bromochloromethane	4.972	128	5496	1.059	ug/l	91
27) Chloroform	5.081	83	23219	0.975	ug/l	99
28) 1,1,1-Trichloroethane	5.309	97	18154	0.967	ug/l	98
29) 1,1-Dichloropropene	5.525	75	14896	0.947	ug/l	99
30) Carbon Tetrachloride	5.518	117	15724	1.021	ug/l	98
31) Isopropyl Ether	3.985	45	27463	0.884	ug/l	97
32) Ethyl-t-butyl ether	4.493	59	26770	0.926	ug/l	100
33) Tert-Amyl methyl ether	5.933	73	23147	0.907	ug/l	98
34) Propionitrile	4.814	54	4375m	4.832	ug/l	
35) Benzene	5.769	78	47855	0.967	ug/l	98
36) 1,2-Dichloroethane	5.792	62	14258	0.972	ug/l	100
37) Trichloroethene	6.541	130	12192	1.032	ug/l	98
38) 1,2-Dichloropropane	6.785	63	13681	0.974	ug/l	96
39) Methacrylonitrile	4.988	41	2935m	0.869	ug/l	
40) Methyl acrylate	4.882	55	5036m	0.851	ug/l	
41) Tetrahydrofuran	5.071	42	3247m	1.798	ug/l	
42) 1-Chlorobutane	5.454	56	20103	0.925	ug/l	97
43) Dibromomethane	6.920	93	6381	1.003	ug/l	97
44) Bromodichloromethane	7.100	83	16534	1.003	ug/l	# 96

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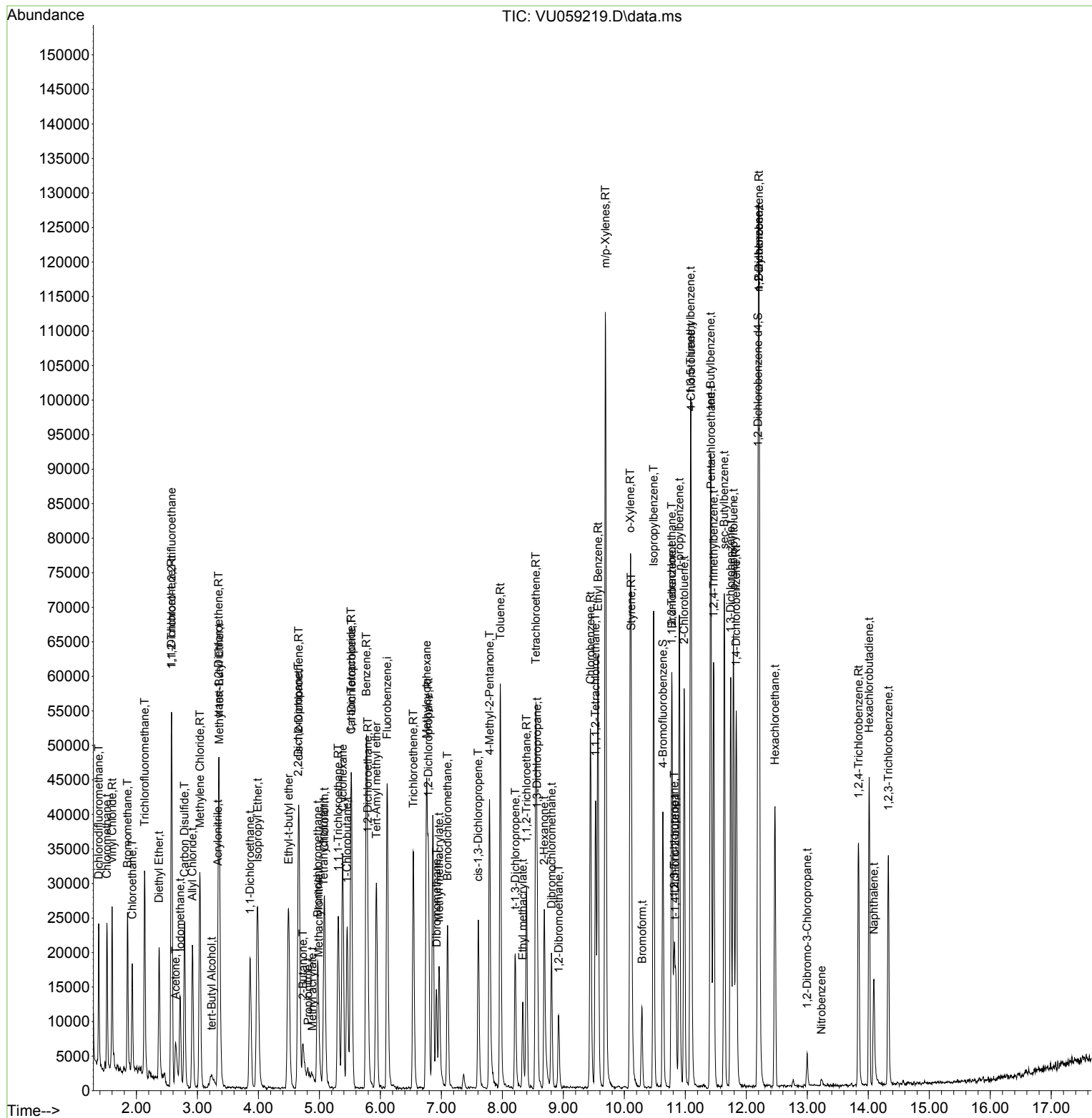
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.788	43	30108	4.415	ug/l	94
46) t-1,4-Dichloro-2-butene	10.830	75	4938m	1.706	ug/l	
47) Methyl methacrylate	6.962	69	9170m	1.679	ug/l	
48) Ethyl methacrylate	8.332	69	8140	0.844	ug/l	92
49) Toluene	7.965	92	25696	0.943	ug/l	100
50) t-1,3-Dichloropropene	8.210	75	12384	0.878	ug/l	93
51) cis-1,3-Dichloropropene	7.602	75	16143	0.934	ug/l	99
52) 1,1,2-Trichloroethane	8.396	97	9181	0.977	ug/l	93
53) 1,3-Dichloropropane	8.570	76	15060	0.930	ug/l	96
54) 2-Hexanone	8.685	43	19819	3.749	ug/l	92
55) Dibromochloromethane	8.804	129	10479	1.030	ug/l	99
56) 1,2-Dibromoethane	8.923	107	7746	0.940	ug/l	94
58) Tetrachloroethene	8.547	164	11752	1.079	ug/l	98
59) Chlorobenzene	9.444	112	30584	1.026	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.528	131	10545	0.988	ug/l	99
61) Pentachloroethane	11.422	117	7727	0.933	ug/l	94
62) Hexachloroethane	12.467	117	7652	0.909	ug/l	93
63) Ethyl Benzene	9.566	91	44600	0.886	ug/l	99
64) m/p-Xylenes	9.689	106	33859	1.784	ug/l	95
65) o-Xylene	10.097	106	16868	0.901	ug/l	95
66) Styrene	10.113	104	25752	0.861	ug/l	97
67) Bromoform	10.290	173	5480	0.995	ug/l	95
69) Isopropylbenzene	10.480	105	42514	0.886	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.775	83	12119	1.026	ug/l	99
71) 1,2,3-Trichloropropane	10.820	75	9381m	1.040	ug/l	
72) Bromobenzene	10.779	156	11764	1.023	ug/l	96
73) n-propylbenzene	10.901	120	11305	0.882	ug/l	94
74) 2-Chlorotoluene	10.981	126	10798	0.921	ug/l	98
75) 1,3,5-Trimethylbenzene	11.084	105	34700	0.856	ug/l	100
76) 4-Chlorotoluene	11.094	126	11382	0.929	ug/l	89
77) tert-Butylbenzene	11.415	119	34170	0.888	ug/l	99
78) 1,2,4-Trimethylbenzene	11.463	105	34294	0.838	ug/l	97
79) sec-Butylbenzene	11.637	105	48169	0.901	ug/l	100
80) Nitrobenzene	13.232	77	1179m	4.660	ug/l	
81) p-Isopropyltoluene	11.788	119	35361	0.862	ug/l	96
82) 1,3-Dichlorobenzene	11.743	146	24223	0.994	ug/l	98
83) 1,4-Dichlorobenzene	11.833	146	24123	0.990	ug/l	98
84) n-Butylbenzene	12.203	91	34581	0.896	ug/l	97
85) 1,2-Dichlorobenzene	12.206	146	23587	1.026	ug/l	98
86) 1,2-Dibromo-3-Chloropr...	12.997	75	1447	0.900	ug/l	98
87) 1,2,4-Trichlorobenzene	13.839	180	12630	1.026	ug/l	98
88) Hexachlorobutadiene	14.013	225	8308	1.081	ug/l	98
89) Naphthalene	14.090	128	17555	0.876	ug/l	97
90) 1,2,3-Trichlorobenzene	14.328	180	10798	0.965	ug/l	97

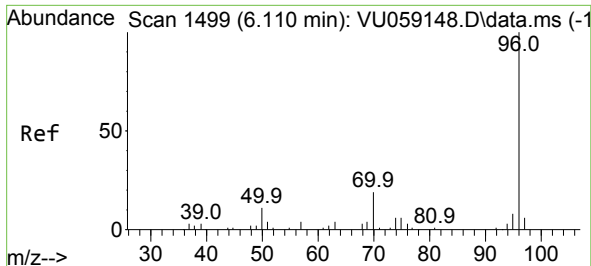
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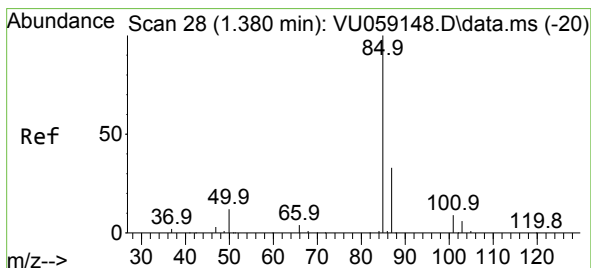
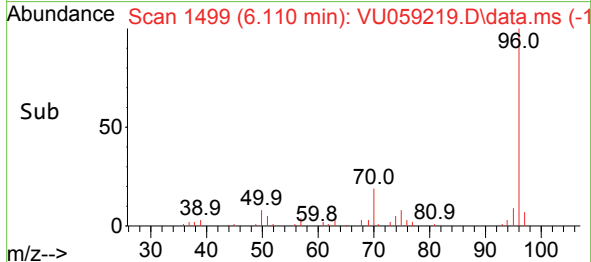
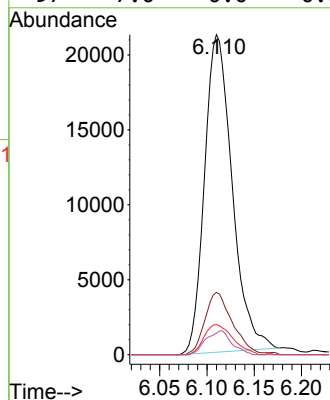
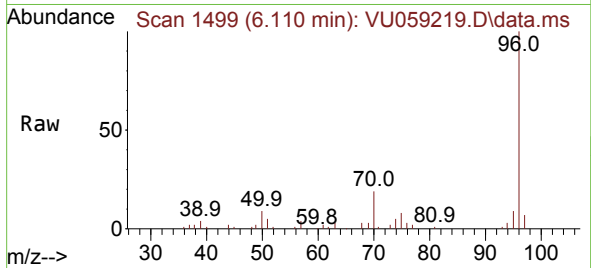




#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.110 min Scan# 1499
Delta R.T. -0.000 min
Lab File: VU059219.D
Acq: 12 Jun 2024 13:18

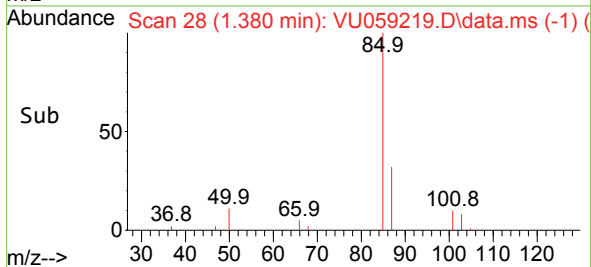
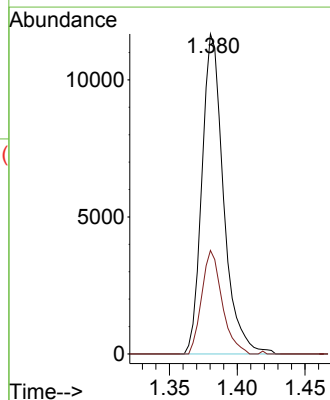
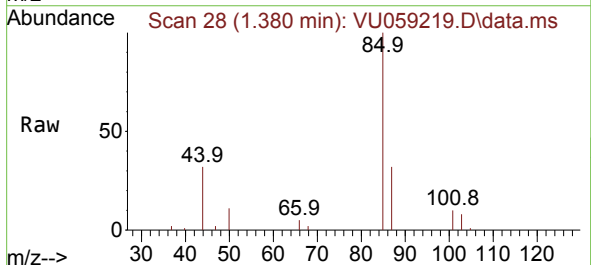
Instrument : MSVOA_U
ClientSampleId : LOQ-WATER-02-QT2-2024

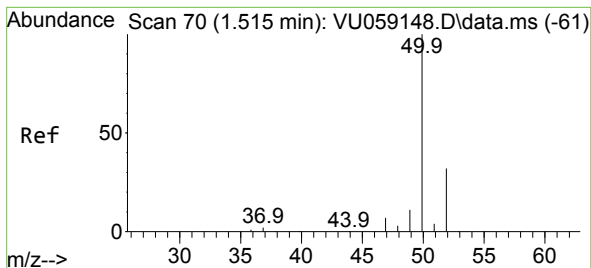
Tgt Ion: 96	Resp: 43033
Ion Ratio	Lower Upper
96 100	
70 18.9	16.6 24.8
95 9.9	7.1 10.7
97 7.0	0.0 0.0



#2
Dichlorodifluoromethane
Concen: 0.960 ug/l
RT: 1.380 min Scan# 28
Delta R.T. 0.000 min
Lab File: VU059219.D
Acq: 12 Jun 2024 13:18

Tgt Ion: 85	Resp: 12939
Ion Ratio	Lower Upper
85 100	
87 32.4	16.3 48.9





#3

Chloromethane

Concen: 0.955 ug/l

RT: 1.515 min Scan# 70

Delta R.T. 0.000 min

Lab File: VU059219.D

Acq: 12 Jun 2024 13:18

Instrument :

MSVOA_U

ClientSampleId :

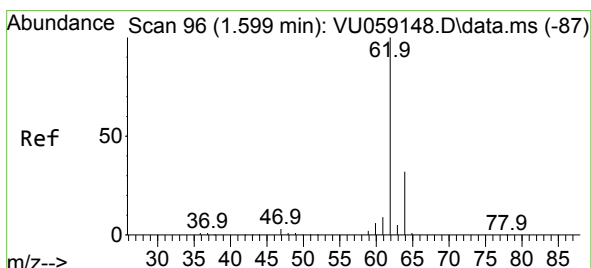
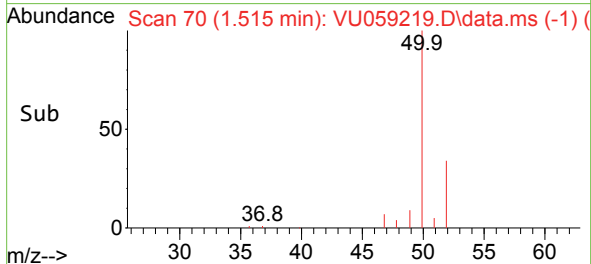
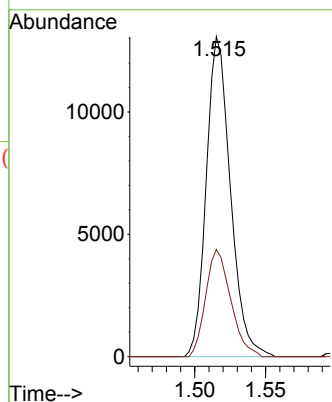
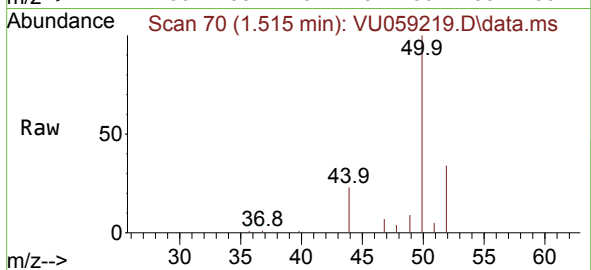
LOQ-WATER-02-QT2-2024

Tgt Ion: 50 Resp: 15500

Ion Ratio Lower Upper

50 100

52 33.5 26.0 39.0



#4

Vinyl Chloride

Concen: 0.994 ug/l

RT: 1.602 min Scan# 97

Delta R.T. 0.003 min

Lab File: VU059219.D

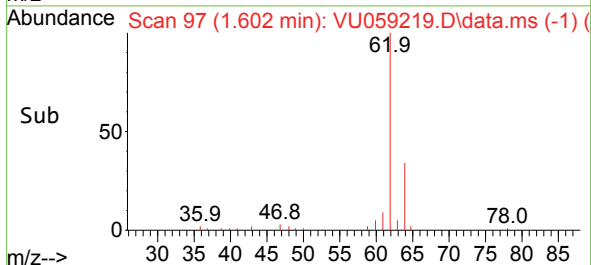
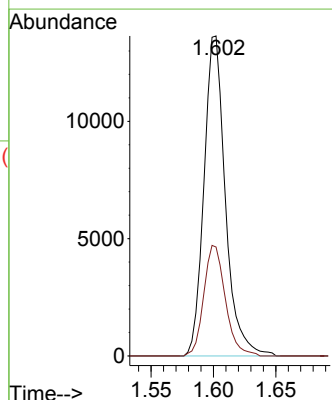
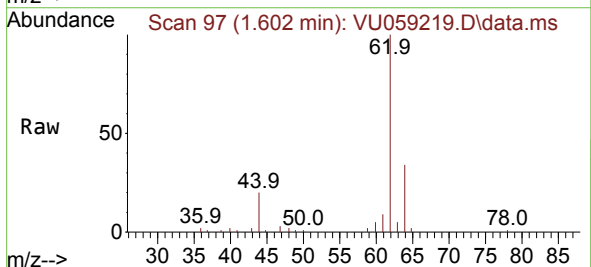
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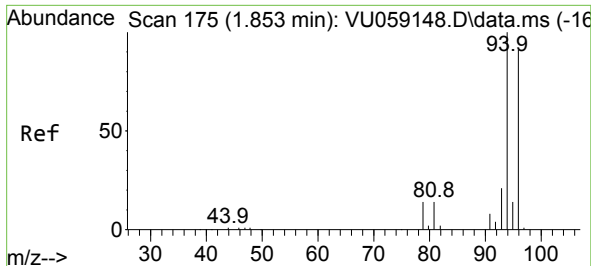
Tgt Ion: 62 Resp: 16302

Ion Ratio Lower Upper

62 100

64 34.1 25.2 37.8





#5

Bromomethane

Concen: 1.062 ug/l

RT: 1.853 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU059219.D

Acq: 12 Jun 2024 13:18

Instrument :

MSVOA_U

ClientSampleId :

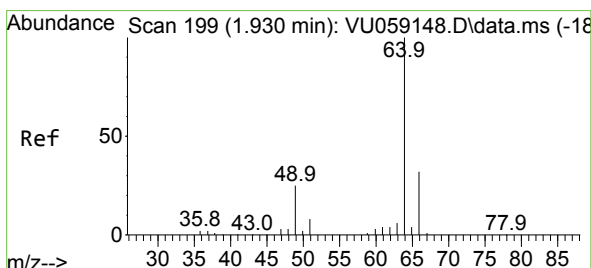
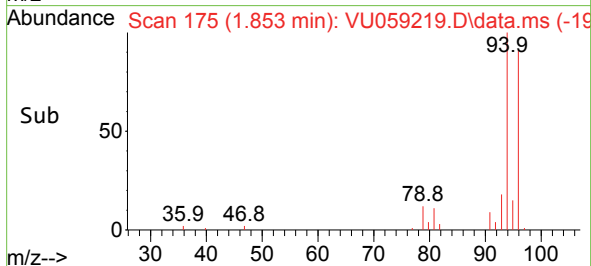
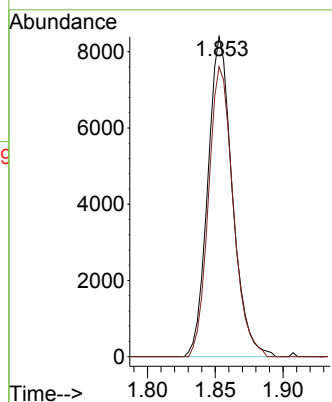
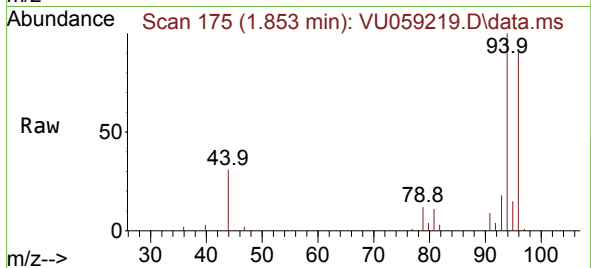
LOQ-WATER-02-QT2-2024

Tgt Ion: 94 Resp: 10582

Ion Ratio Lower Upper

94 100

96 90.6 72.7 109.1



#6

Chloroethane

Concen: 0.939 ug/l

RT: 1.930 min Scan# 199

Delta R.T. 0.000 min

Lab File: VU059219.D

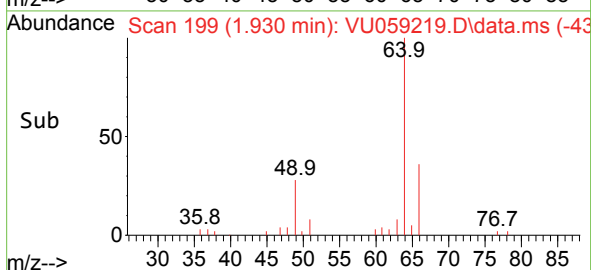
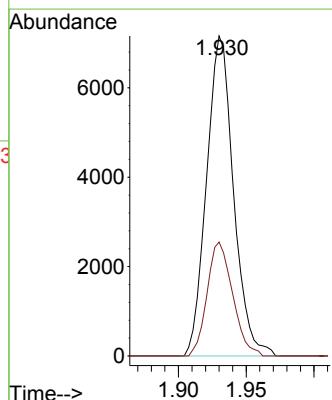
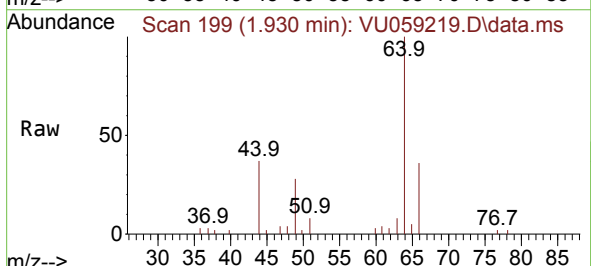
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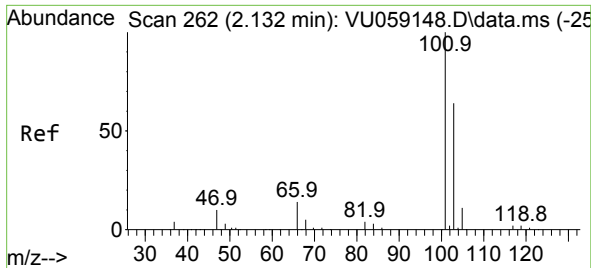
Tgt Ion: 64 Resp: 9907

Ion Ratio Lower Upper

64 100

66 35.6 25.5 38.3

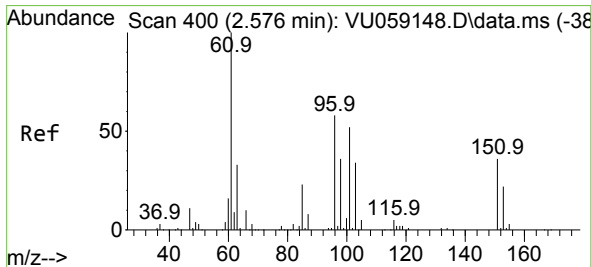
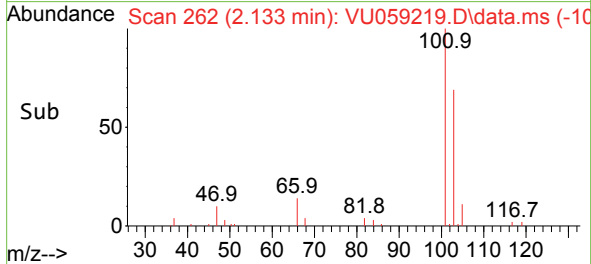
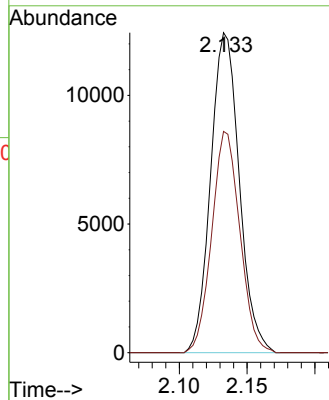
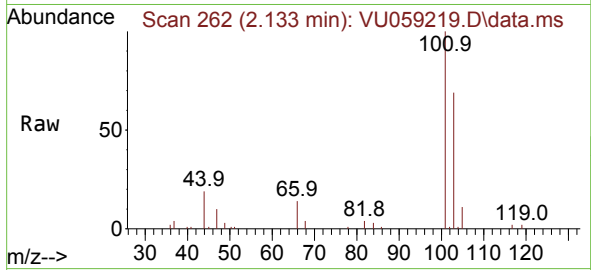




#7
 Trichlorofluoromethane
 Concen: 0.898 ug/l
 RT: 2.133 min Scan# 213
 Delta R.T. 0.000 min
 Lab File: VU059219.D
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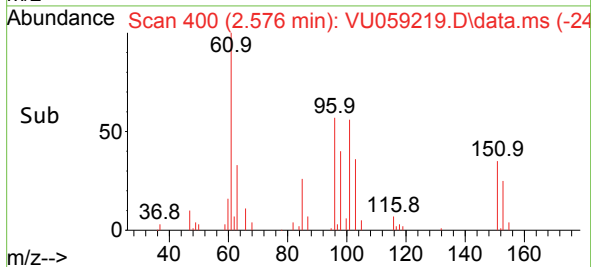
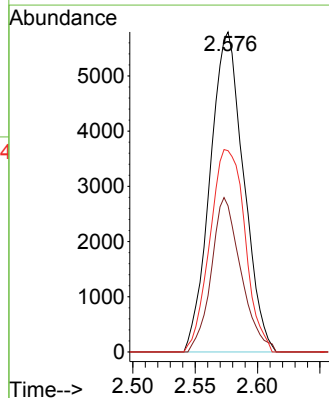
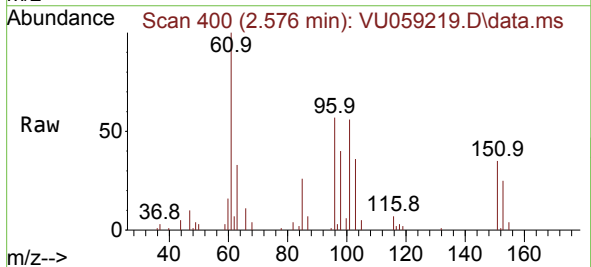
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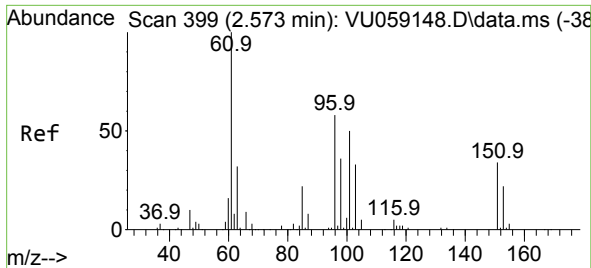
Tgt Ion:101 Resp: 18273
 Ion Ratio Lower Upper
 101 100
 103 69.2 51.1 76.7



#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 1.038 ug/l
 RT: 2.576 min Scan# 400
 Delta R.T. 0.000 min
 Lab File: VU059219.D
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Tgt Ion:101 Resp: 10862
 Ion Ratio Lower Upper
 101 100
 85 42.7 36.1 54.1
 151 66.2 55.0 82.6

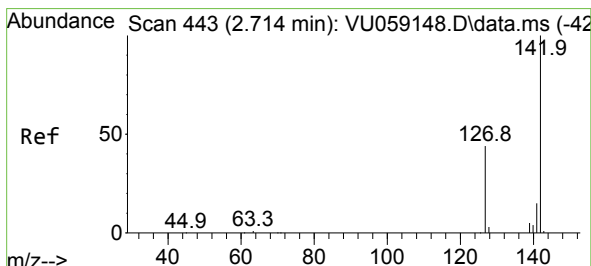
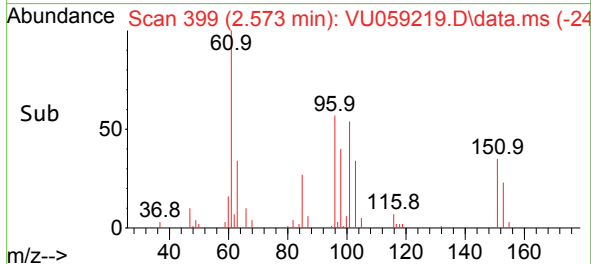
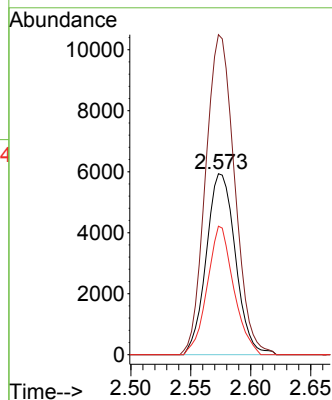
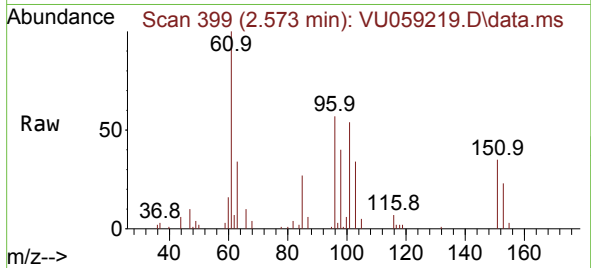




#9
1,1-Dichloroethene
Concen: 0.967 ug/l
RT: 2.573 min Scan# 399
Delta R.T. 0.000 min
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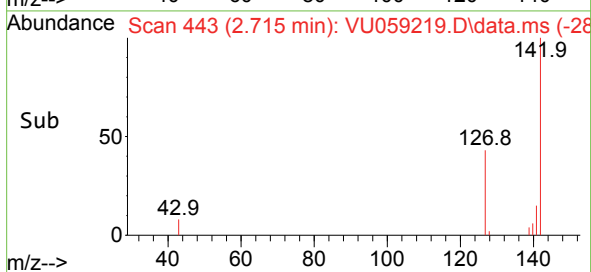
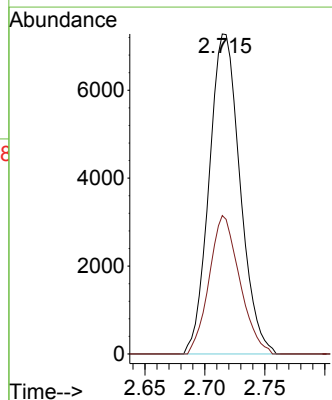
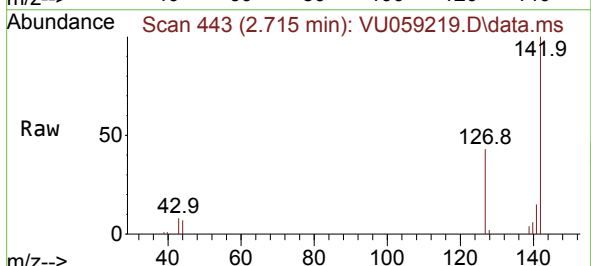
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LOQ-WATER-02-QT2-2024

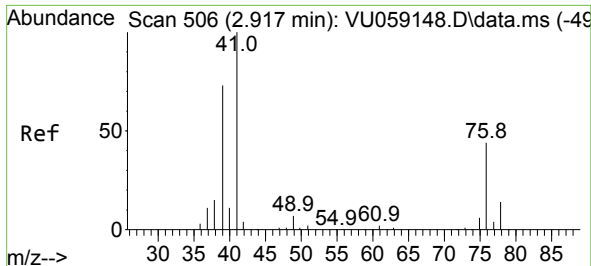
Tgt Ion: 96 Resp: 10020
Ion Ratio Lower Upper
96 100
61 176.8 0.0 515.4
98 71.0 0.0 124.4



#10
Iodomethane
Concen: 0.999 ug/l
RT: 2.715 min Scan# 443
Delta R.T. 0.001 min
Lab File: VU059219.D
Acq: 12 Jun 2024 13:18

Tgt Ion: 142 Resp: 13055
Ion Ratio Lower Upper
142 100
127 42.7 36.2 54.4

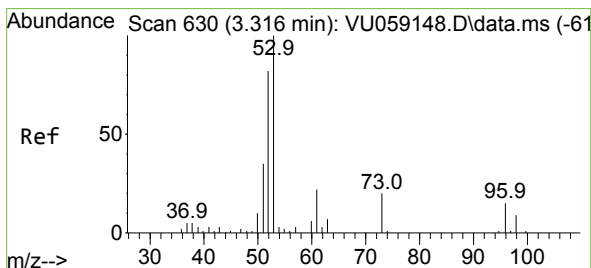
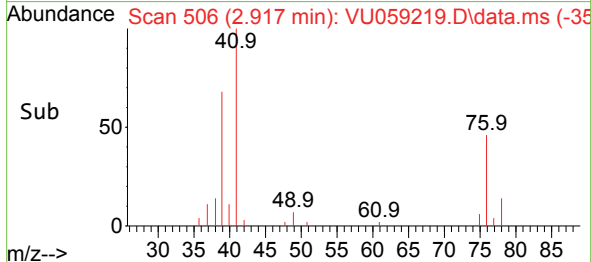
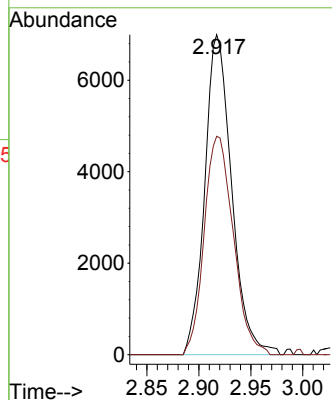
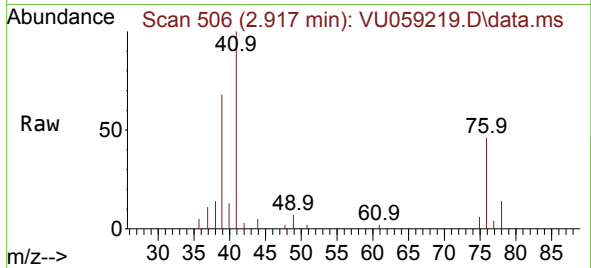




#11
 Allyl Chloride
 Concen: 0.902 ug/l
 RT: 2.917 min Scan# 506
 Delta R.T. 0.000 min
 Lab File: VU059219.D
 Acq: 12 Jun 2024 13:18

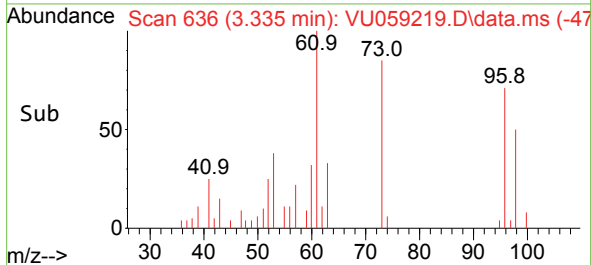
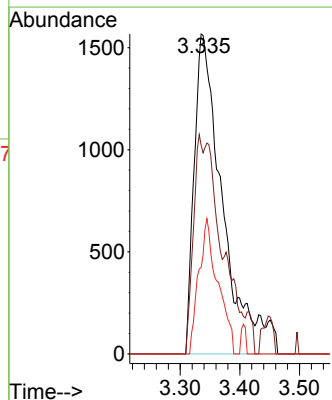
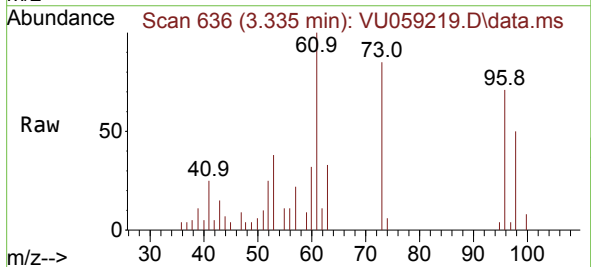
Instrument :
 MSVOA_U
 ClientSampleId :
 LOQ-WATER-02-QT2-2024

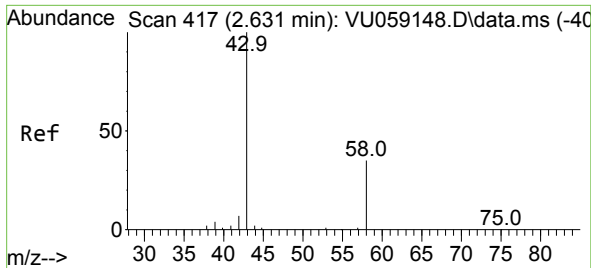
Tgt Ion: 41 Resp: 12633
 Ion Ratio Lower Upper
 41 100
 39 73.6 58.1 87.1



#12
 Acrylonitrile
 Concen: 2.225 ug/l m
 RT: 3.335 min Scan# 636
 Delta R.T. 0.020 min
 Lab File: VU059219.D
 Acq: 12 Jun 2024 13:18

Tgt Ion: 53 Resp: 5210
 Ion Ratio Lower Upper
 53 100
 52 23.6 64.2 96.4#
 51 28.1 33.0 49.4#





#13

Acetone

Concen: 3.508 ug/l m

RT: 2.644 min Scan# 417

Delta R.T. 0.013 min

Lab File: VU059219.D

Acq: 12 Jun 2024 13:18

Instrument :

MSVOA_U

ClientSampleId :

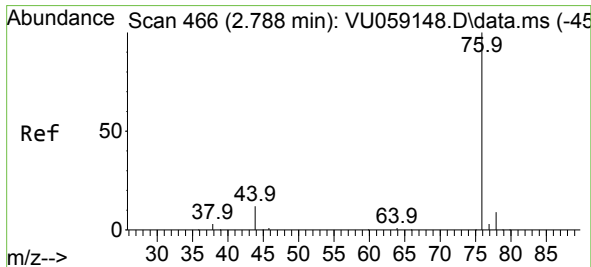
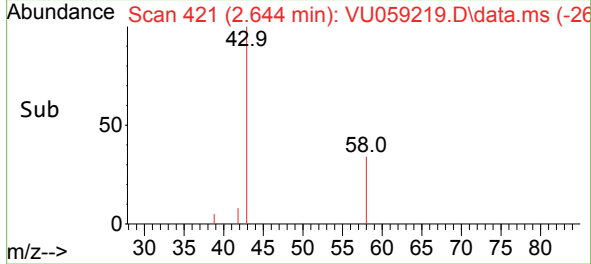
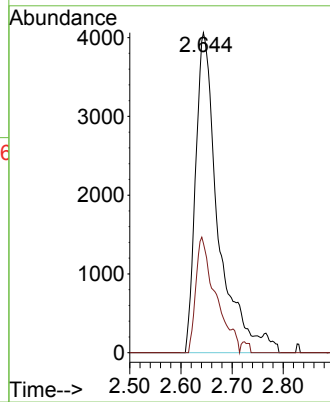
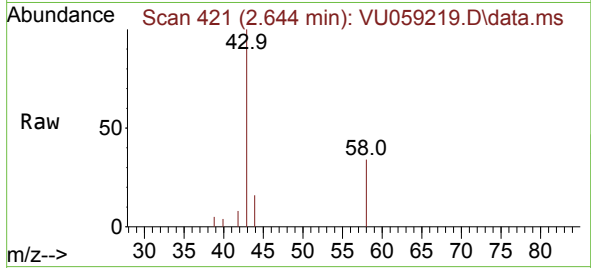
LOQ-WATER-02-QT2-2024

Tgt Ion: 43 Resp: 12502

Ion Ratio Lower Upper

43 100

58 34.2 27.9 41.9



#14

Carbon Disulfide

Concen: 0.963 ug/l

RT: 2.789 min Scan# 466

Delta R.T. 0.000 min

Lab File: VU059219.D

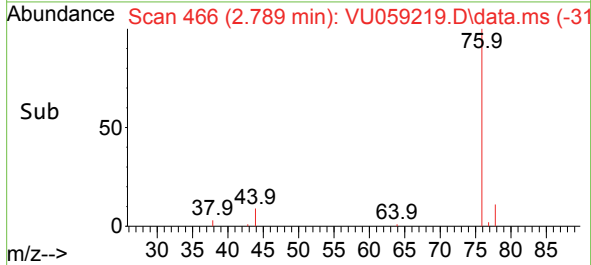
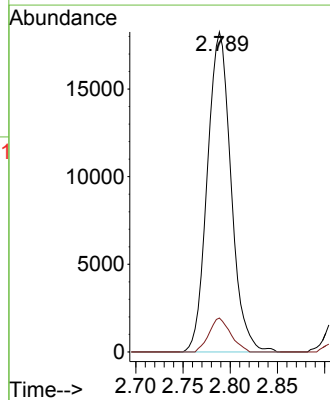
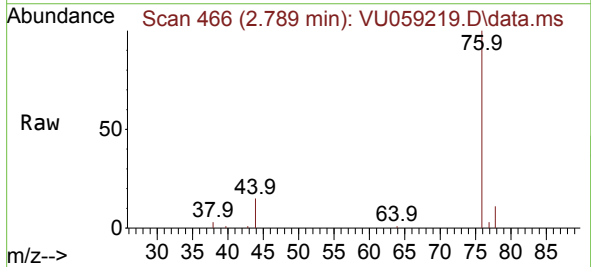
Acq: 12 Jun 2024 13:18

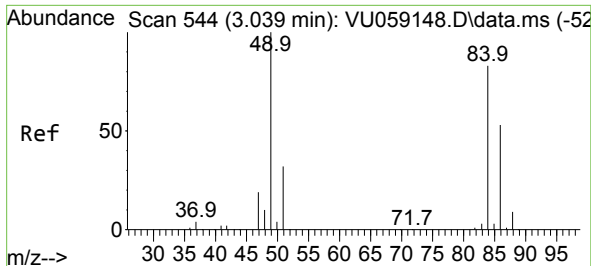
Tgt Ion: 76 Resp: 31820

Ion Ratio Lower Upper

76 100

78 10.6 7.3 10.9

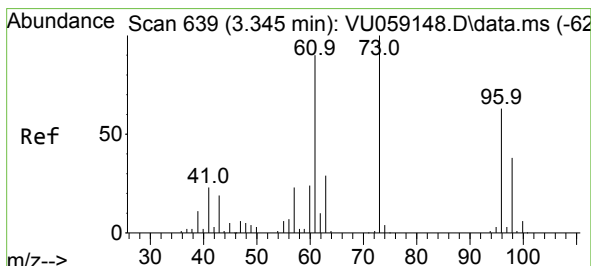
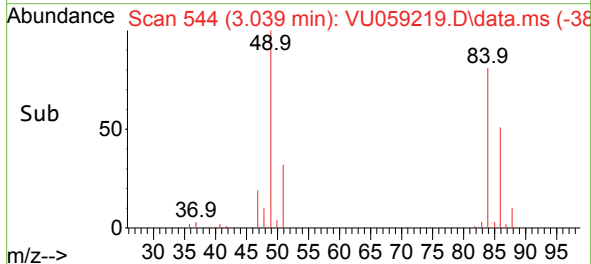
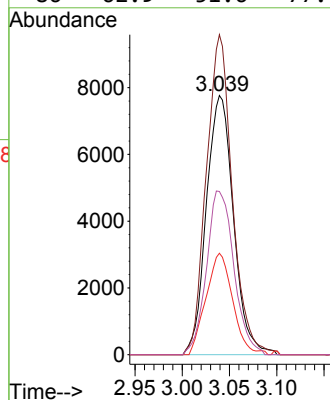
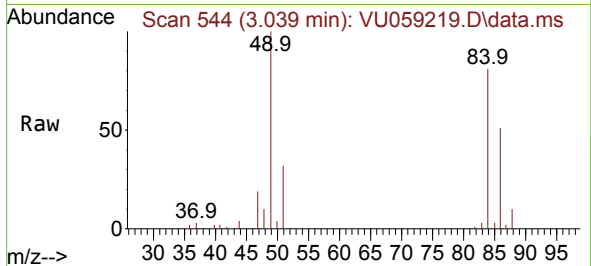




#15
Methylene Chloride
Concen: 1.090 ug/l
RT: 3.039 min Scan# 54
Delta R.T. 0.000 min
Lab File: VU059219.D
Acq: 12 Jun 2024 13:18

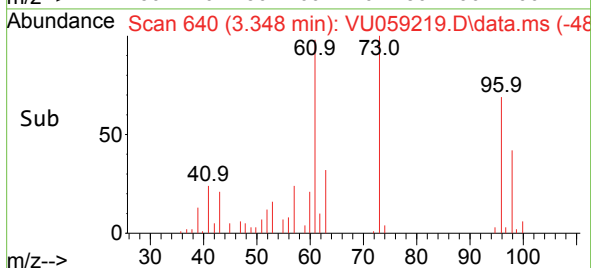
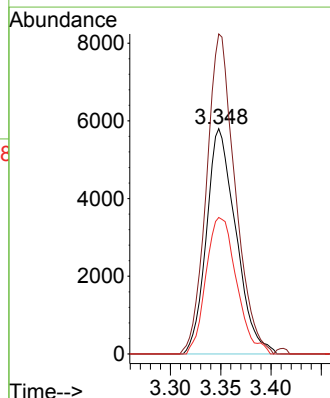
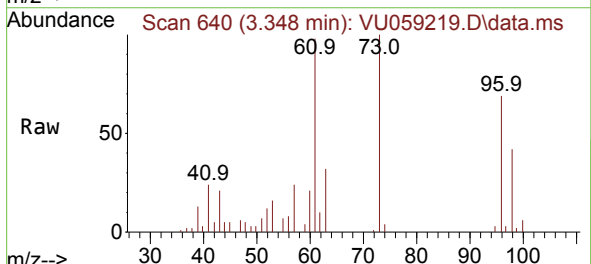
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2024

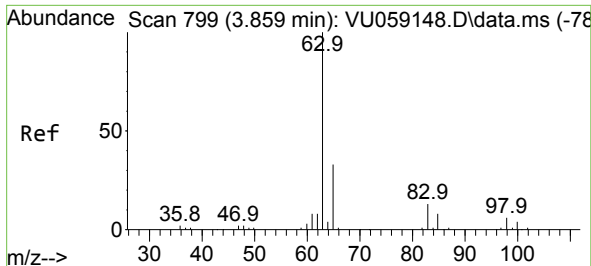
Tgt Ion:	84	Resp:	15495
Ion	Ratio	Lower	Upper
84	100		
49	123.5	96.7	145.1
51	39.1	0.0	76.8
86	62.9	51.6	77.4



#16
trans-1,2-Dichloroethene
Concen: 1.045 ug/l
RT: 3.348 min Scan# 640
Delta R.T. 0.003 min
Lab File: VU059219.D
Acq: 12 Jun 2024 13:18

Tgt Ion:	96	Resp:	11817
Ion	Ratio	Lower	Upper
96	100		
61	137.1	114.8	172.2
98	60.6	48.8	73.2

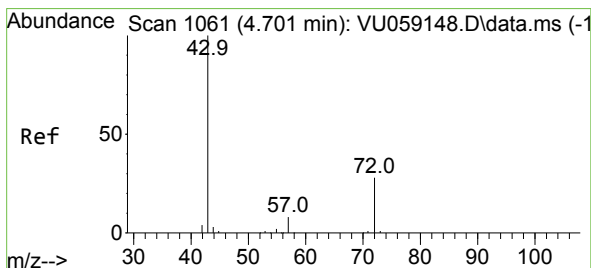
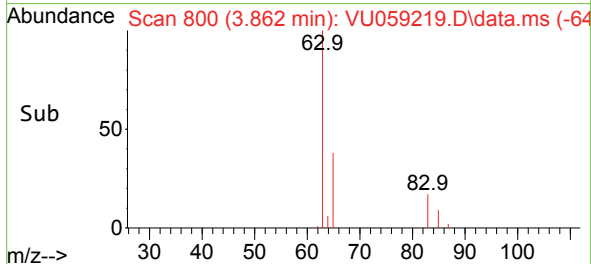
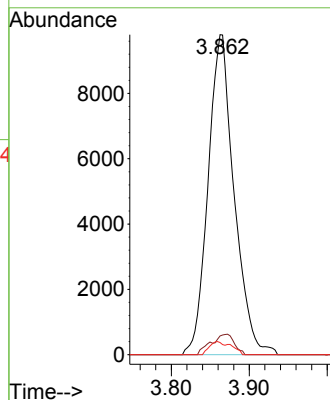
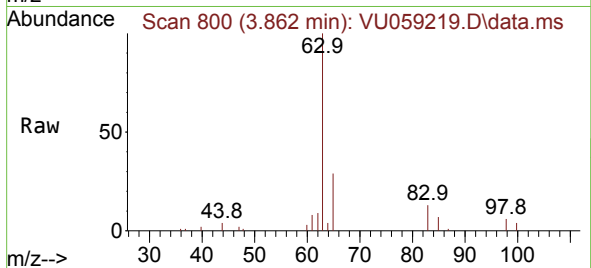




#17
1,1-Dichloroethane
Concen: 0.961 ug/l
RT: 3.862 min Scan# 80
Delta R.T. 0.003 min
Lab File: VU059219.D
Acq: 12 Jun 2024 13:18

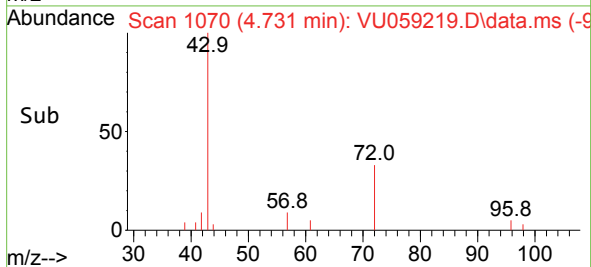
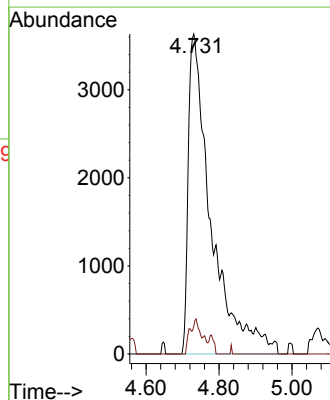
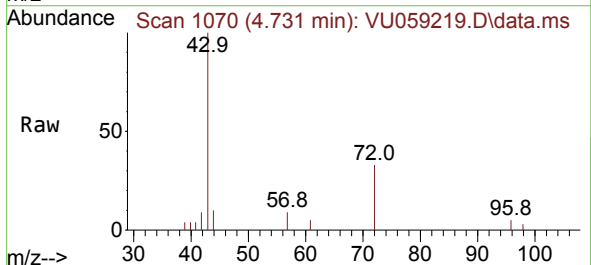
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2024

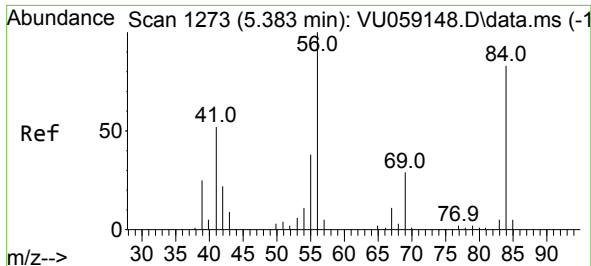
Tgt Ion: 63 Resp: 22750
Ion Ratio Lower Upper
63 100
98 5.9 3.2 9.6
100 3.8 2.1 6.5



#18
2-Butanone
Concen: 3.978 ug/l m
RT: 4.731 min Scan# 1070
Delta R.T. 0.029 min
Lab File: VU059219.D
Acq: 12 Jun 2024 13:18

Tgt Ion: 43 Resp: 15724
Ion Ratio Lower Upper
43 100
57 8.7 0.0 16.8





#19

Cyclohexane

Concen: 0.896 ug/l m

RT: 5.383 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU059219.D

Acq: 12 Jun 2024 13:18

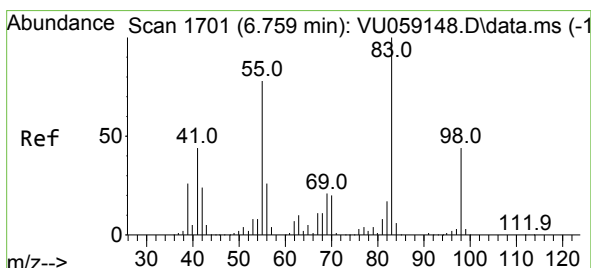
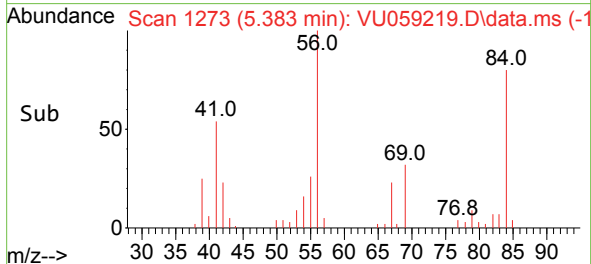
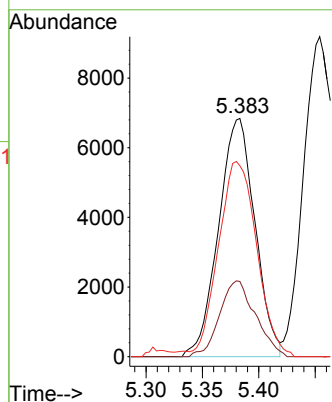
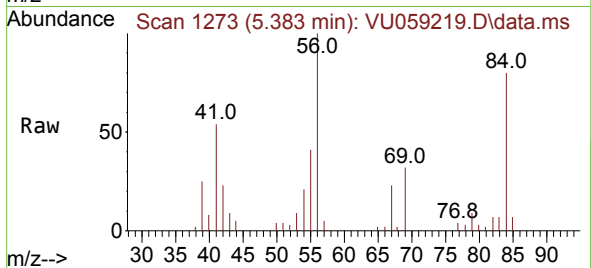
Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT2-2024

Tgt Ion:	56	Resp:	15355
Ion Ratio	Lower	Upper	
56	100		
69	31.4	23.5	35.3
84	83.5	66.5	99.7



#20

Methylcyclohexane

Concen: 0.890 ug/l

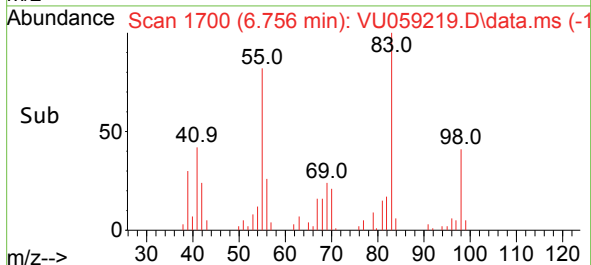
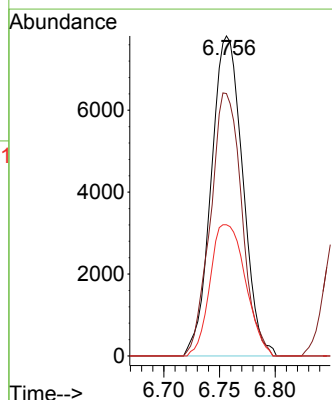
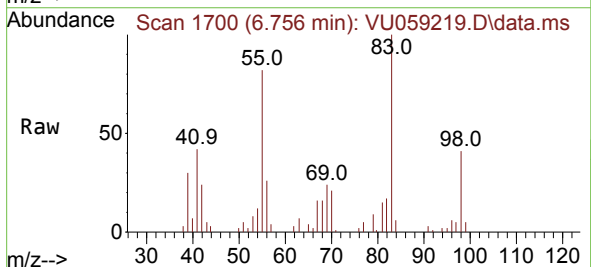
RT: 6.756 min Scan# 1700

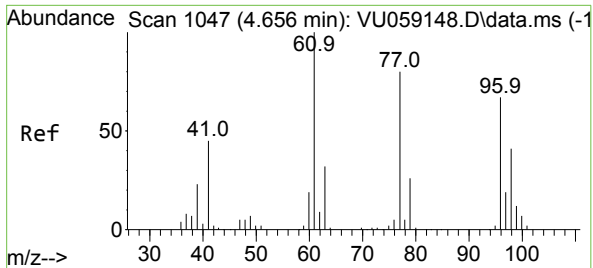
Delta R.T. -0.003 min

Lab File: VU059219.D

Acq: 12 Jun 2024 13:18

Tgt Ion:	83	Resp:	15334
Ion Ratio	Lower	Upper	
83	100		
55	82.1	62.7	94.1
98	46.1	35.1	52.7





#21

2,2-Dichloropropane

Concen: 0.926 ug/l

RT: 4.653 min Scan# 1046

Delta R.T. -0.003 min

Lab File: VU059219.D

Acq: 12 Jun 2024 13:18

Instrument :

MSVOA_U

ClientSampleId :

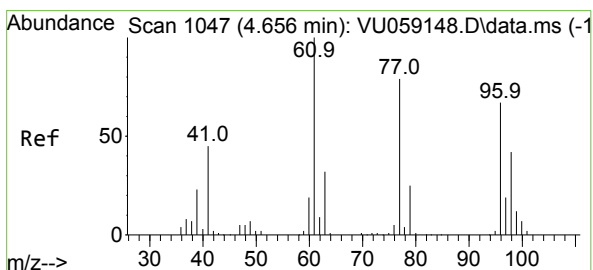
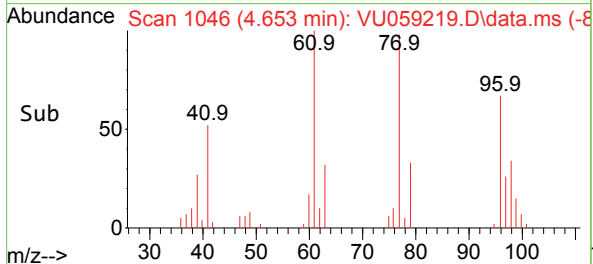
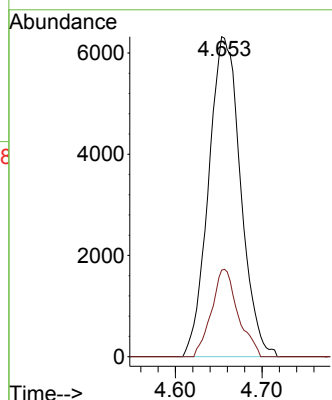
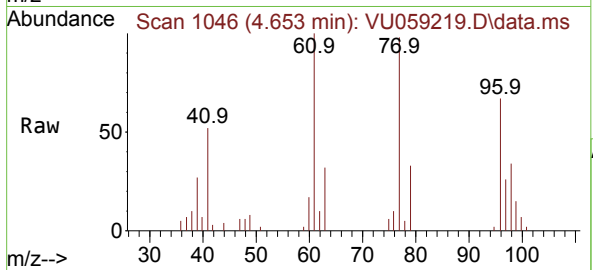
LOQ-WATER-02-QT2-2024

Tgt Ion: 77 Resp: 16221

Ion Ratio Lower Upper

77 100

97 22.6 18.1 27.1



#22

cis-1,2-Dichloroethene

Concen: 1.018 ug/l

RT: 4.660 min Scan# 1048

Delta R.T. 0.003 min

Lab File: VU059219.D

Acq: 12 Jun 2024 13:18

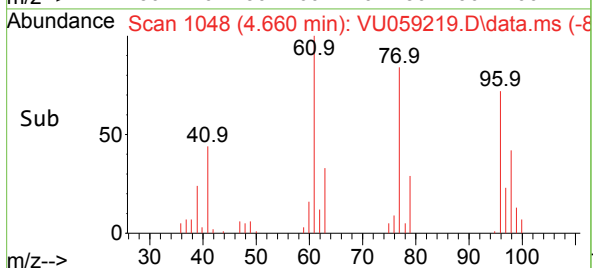
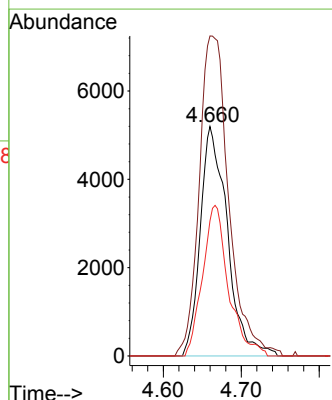
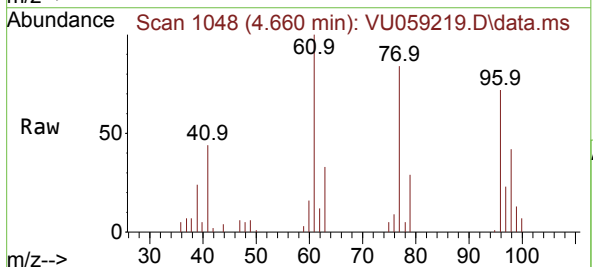
Tgt Ion: 96 Resp: 12515

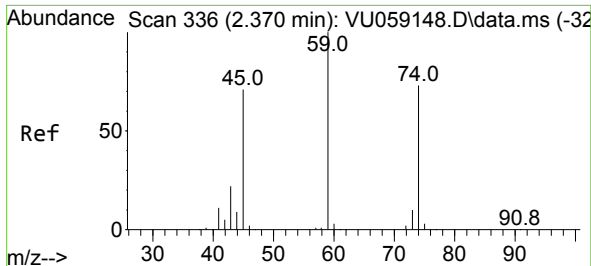
Ion Ratio Lower Upper

96 100

61 152.9 0.0 388.5

98 63.0 31.8 95.3





#23

Diethyl Ether

Concen: 0.950 ug/l

RT: 2.370 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU059219.D

Acq: 12 Jun 2024 13:18

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT2-2024

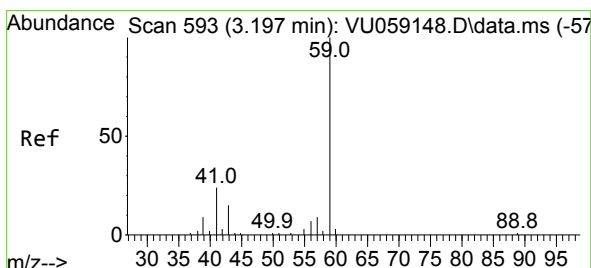
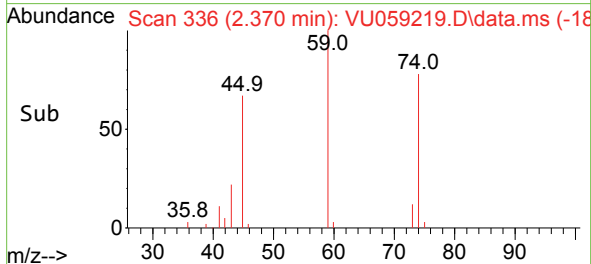
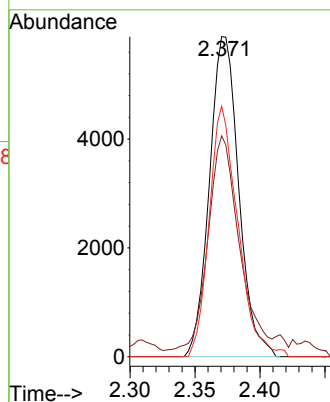
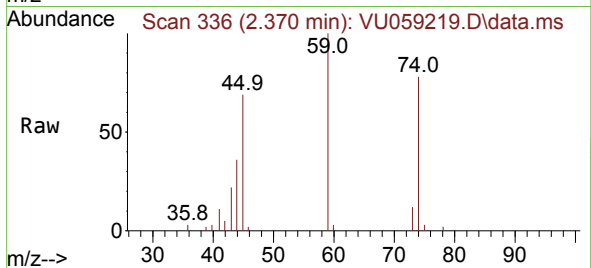
Tgt Ion: 59 Resp: 9229

Ion Ratio Lower Upper

59 100

45 69.7 58.8 88.2

74 76.9 58.0 87.0



#24

tert-Butyl Alcohol

Concen: 9.281 ug/l m

RT: 3.232 min Scan# 604

Delta R.T. 0.035 min

Lab File: VU059219.D

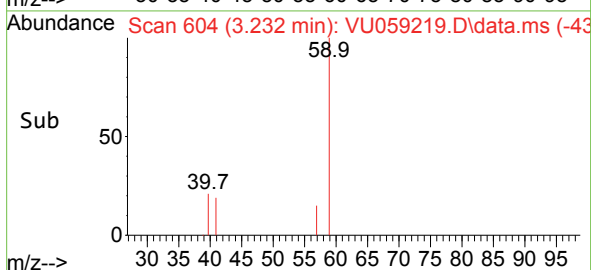
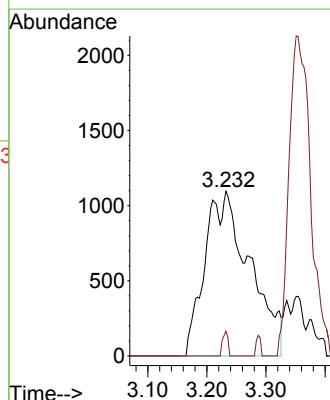
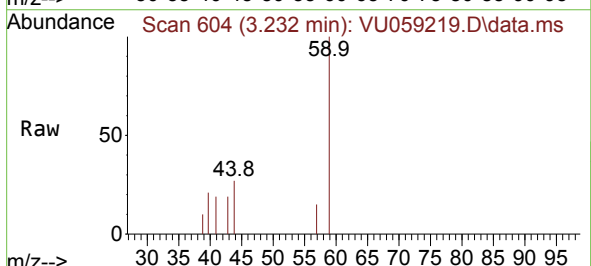
Acq: 12 Jun 2024 13:18

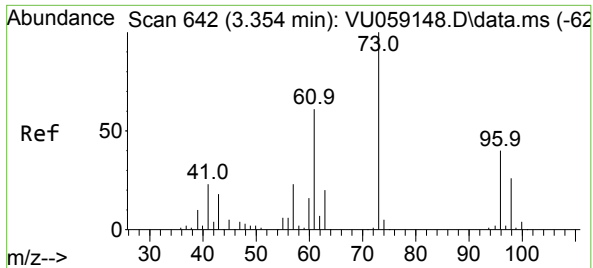
Tgt Ion: 59 Resp: 5786

Ion Ratio Lower Upper

59 100

57 0.0 2.9 4.3#

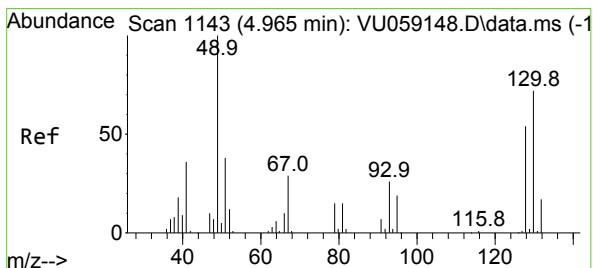
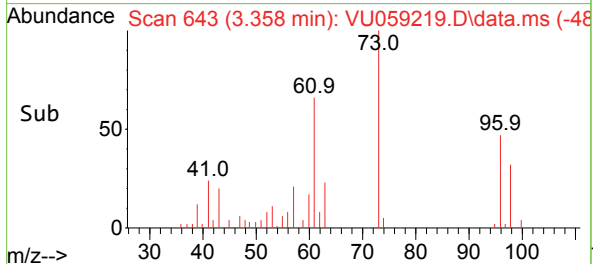
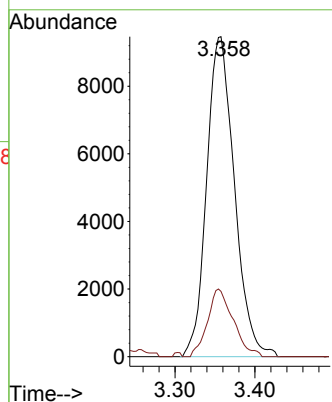
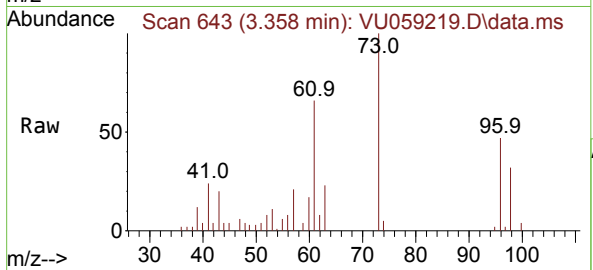




#25
Methyl tert-Butyl Ether
Concen: 0.919 ug/l
RT: 3.358 min Scan# 64
Delta R.T. 0.003 min
Lab File: VU059219.D
Acq: 12 Jun 2024 13:18

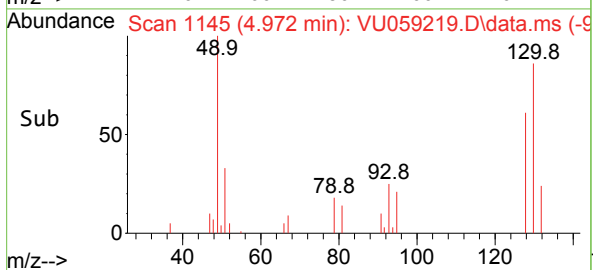
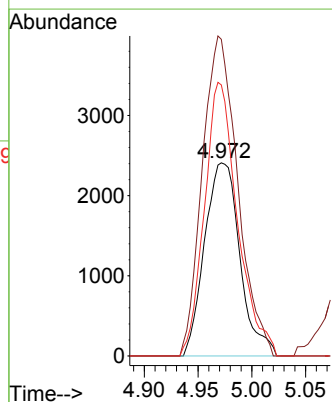
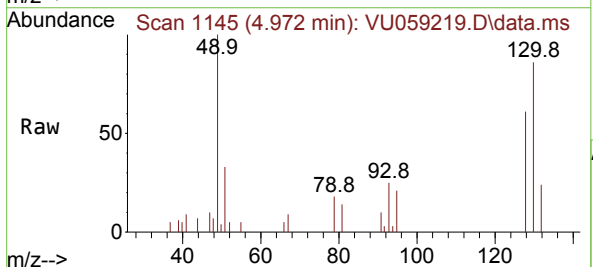
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2024

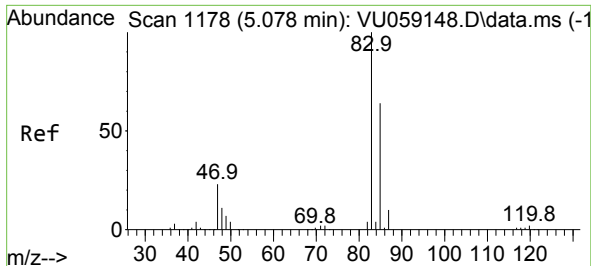
Tgt Ion: 73 Resp: 22831
Ion Ratio Lower Upper
73 100
43 19.6 15.0 22.6



#26
Bromochloromethane
Concen: 1.059 ug/l
RT: 4.972 min Scan# 1145
Delta R.T. 0.007 min
Lab File: VU059219.D
Acq: 12 Jun 2024 13:18

Tgt Ion: 128 Resp: 5496
Ion Ratio Lower Upper
128 100
49 166.2 0.0 371.2
130 132.7 104.1 156.1

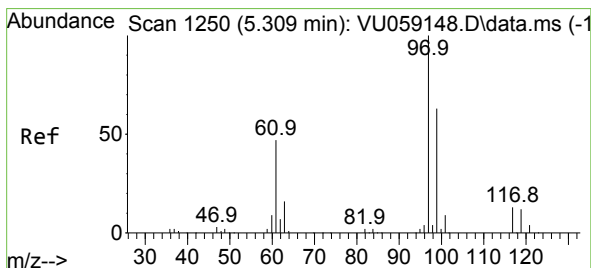
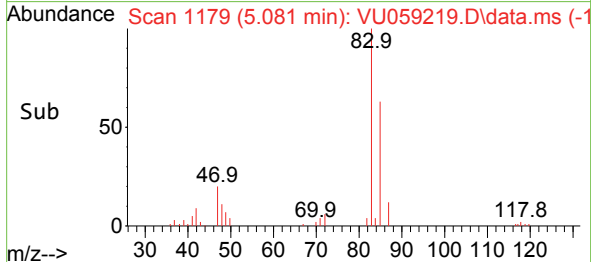
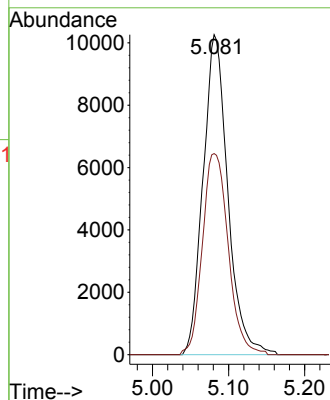
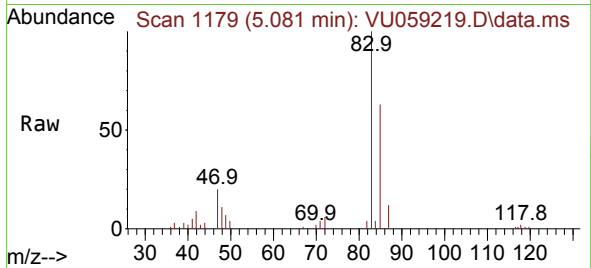




#27
Chloroform
Concen: 0.975 ug/l
RT: 5.081 min Scan# 1178
Delta R.T. 0.003 min
Lab File: VU059219.D
Acq: 12 Jun 2024 13:18

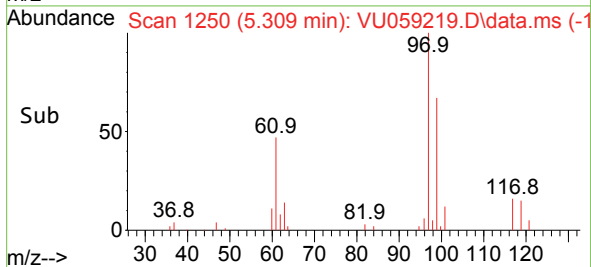
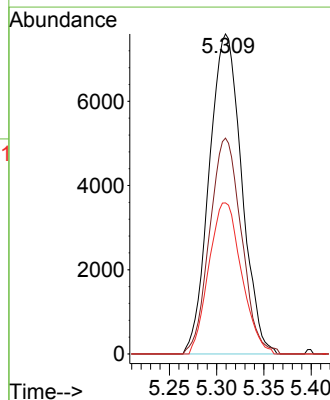
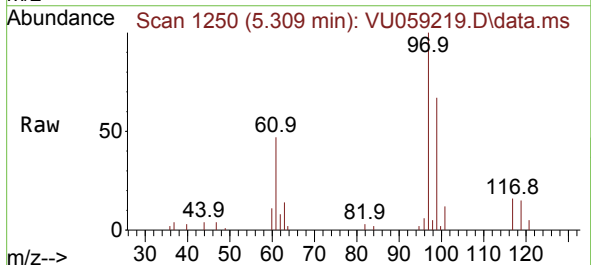
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2024

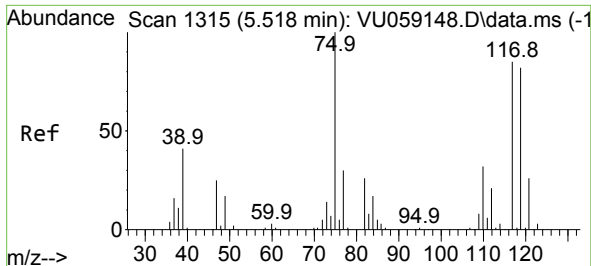
Tgt Ion: 83 Resp: 23219
Ion Ratio Lower Upper
83 100
85 62.8 0.0 127.2



#28
1,1,1-Trichloroethane
Concen: 0.967 ug/l
RT: 5.309 min Scan# 1250
Delta R.T. 0.000 min
Lab File: VU059219.D
Acq: 12 Jun 2024 13:18

Tgt Ion: 97 Resp: 18154
Ion Ratio Lower Upper
97 100
99 66.0 32.0 96.0
61 47.4 23.9 71.7





#29

1,1-Dichloropropene

Concen: 0.947 ug/l

RT: 5.525 min Scan# 11

Delta R.T. 0.007 min

Lab File: VU059219.D

Acq: 12 Jun 2024 13:18

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT2-2024

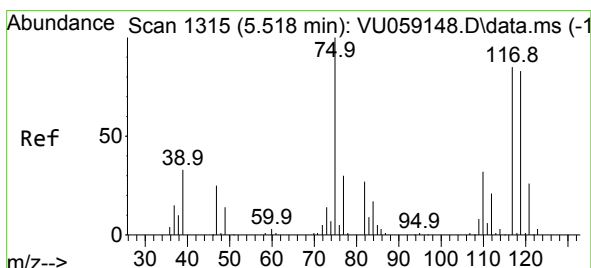
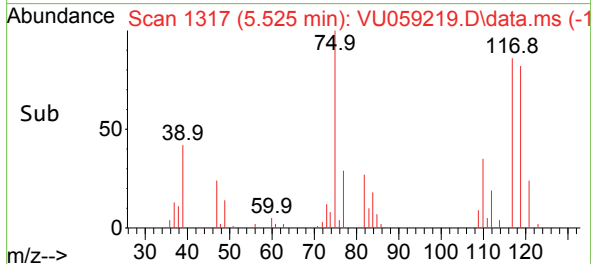
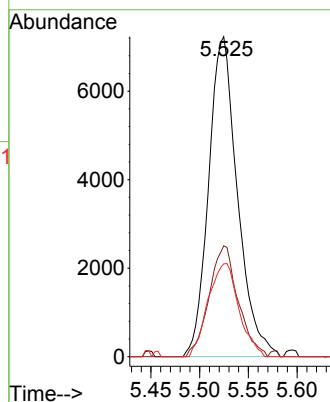
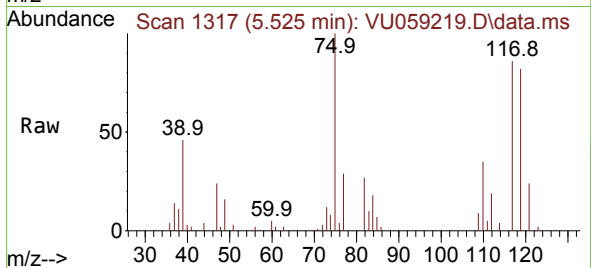
Tgt Ion: 75 Resp: 14896

Ion Ratio Lower Upper

75 100

110 34.8 17.0 50.9

77 30.9 24.6 36.8



#30

Carbon Tetrachloride

Concen: 1.021 ug/l

RT: 5.518 min Scan# 1315

Delta R.T. 0.000 min

Lab File: VU059219.D

Acq: 12 Jun 2024 13:18

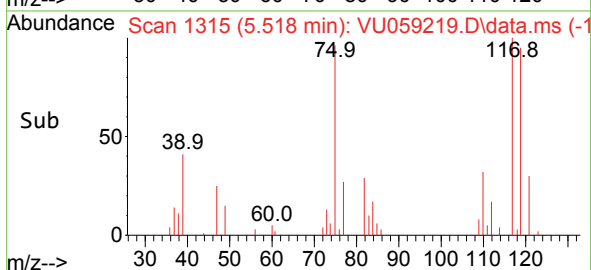
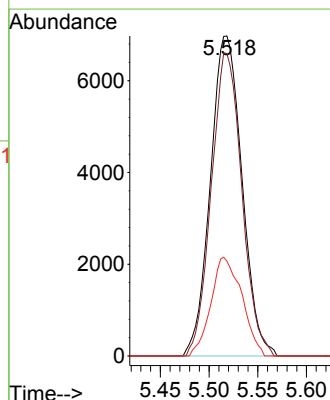
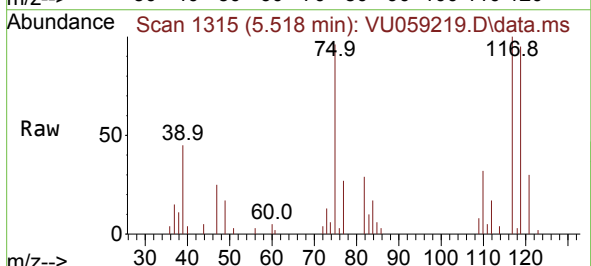
Tgt Ion: 117 Resp: 15724

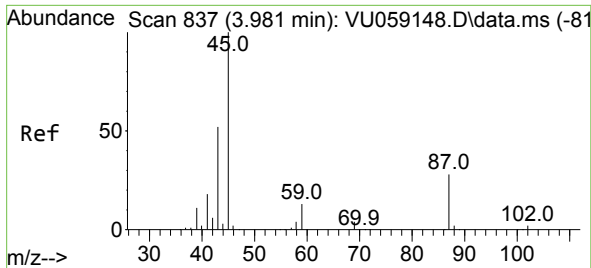
Ion Ratio Lower Upper

117 100

119 94.5 77.5 116.3

121 29.6 24.6 37.0

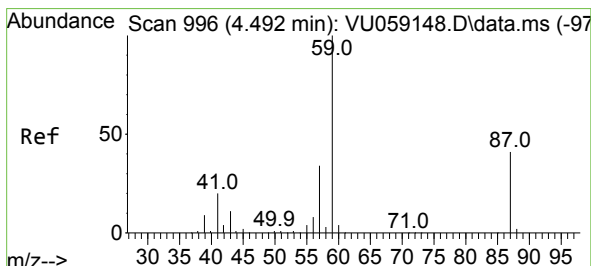
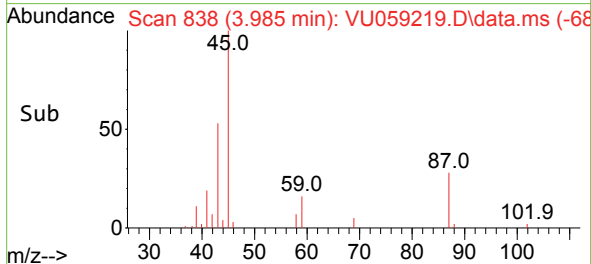
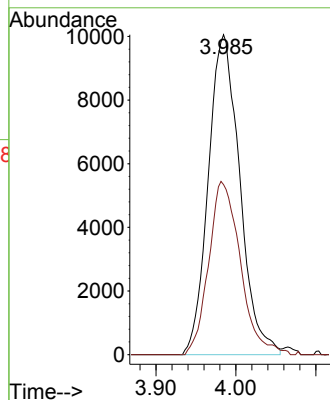
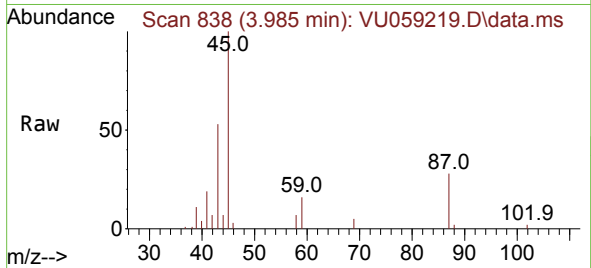




#31
Isopropyl Ether
Concen: 0.884 ug/l
RT: 3.985 min Scan# 837
Delta R.T. 0.003 min
Lab File: VU059219.D
Acq: 12 Jun 2024 13:18

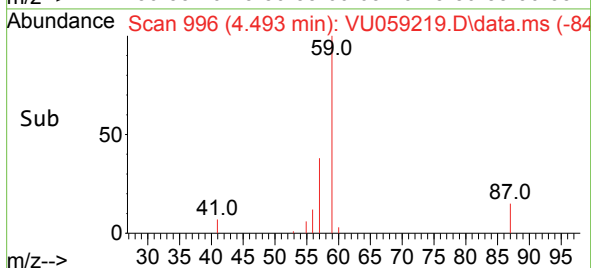
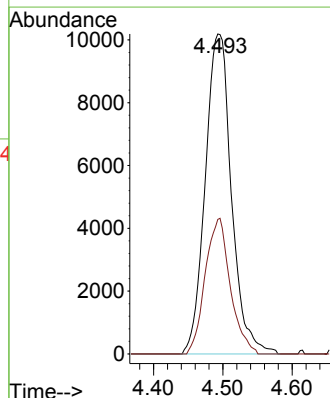
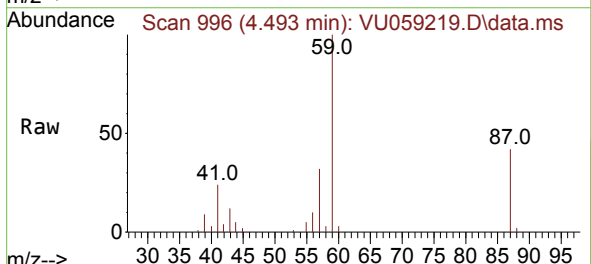
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2024

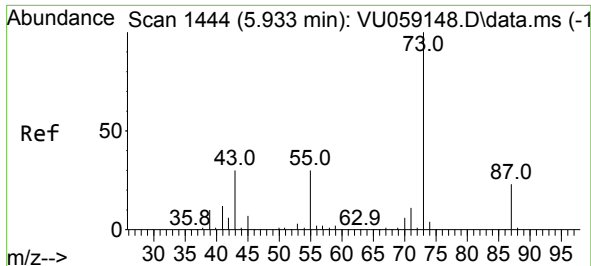
Tgt Ion: 45 Resp: 27463
Ion Ratio Lower Upper
45 100
43 54.6 26.1 78.3



#32
Ethyl-t-butyl ether
Concen: 0.926 ug/l
RT: 4.493 min Scan# 996
Delta R.T. 0.000 min
Lab File: VU059219.D
Acq: 12 Jun 2024 13:18

Tgt Ion: 59 Resp: 26770
Ion Ratio Lower Upper
59 100
87 40.5 32.2 48.4

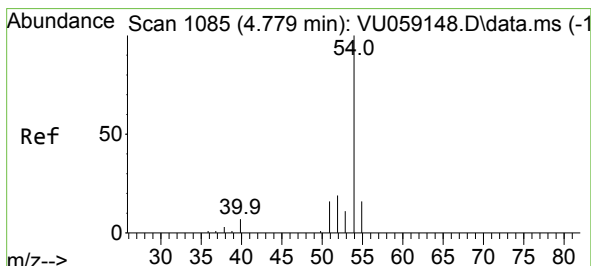
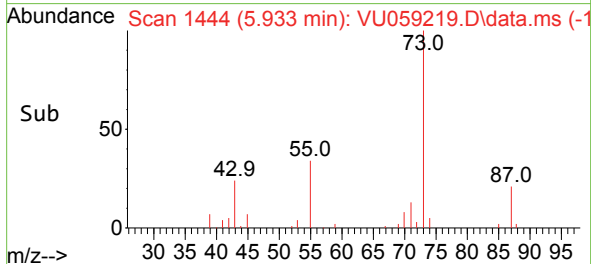
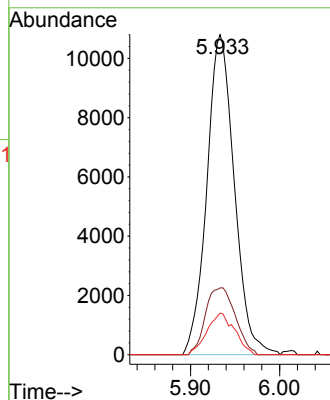
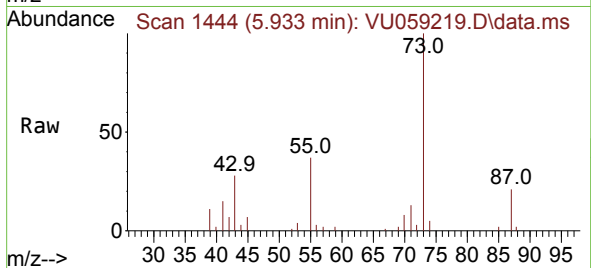




#33
Tert-Amyl methyl ether
Concen: 0.907 ug/l
RT: 5.933 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VU059219.D
Acq: 12 Jun 2024 13:18

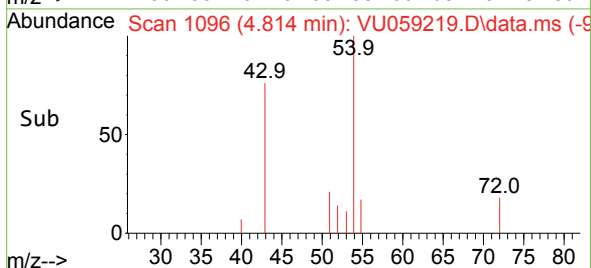
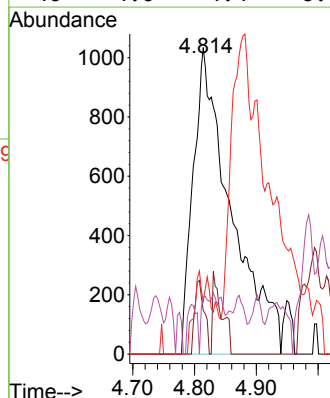
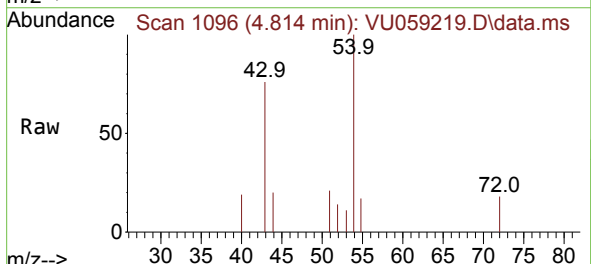
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2024

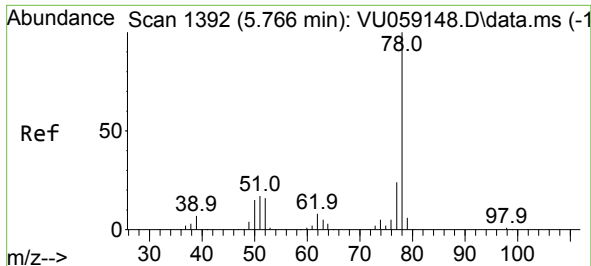
Tgt Ion: 73	Resp: 23147
Ion Ratio	Lower Upper
73	100
87	22.7 18.6 27.8
71	13.1 9.1 13.7



#34
Propionitrile
Concen: 4.832 ug/l m
RT: 4.814 min Scan# 1096
Delta R.T. 0.036 min
Lab File: VU059219.D
Acq: 12 Jun 2024 13:18

Tgt Ion: 54	Resp: 4375
Ion Ratio	Lower Upper
54	100
52	6.0 15.2 22.8#
55	6.3 12.4 18.6#
40	4.0 4.4 6.6#

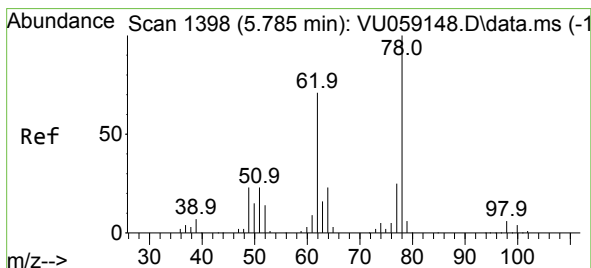
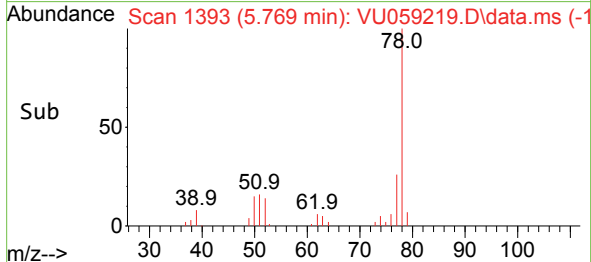
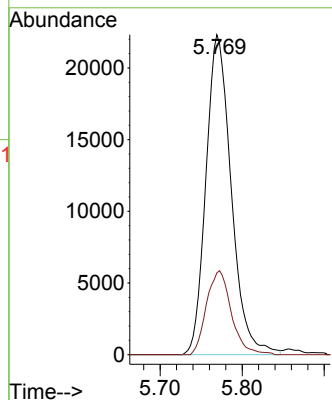
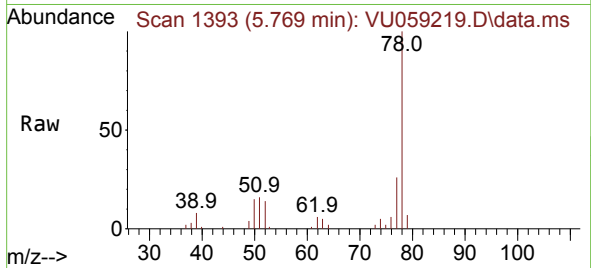




#35
Benzene
Concen: 0.967 ug/l
RT: 5.769 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU059219.D
Acq: 12 Jun 2024 13:18

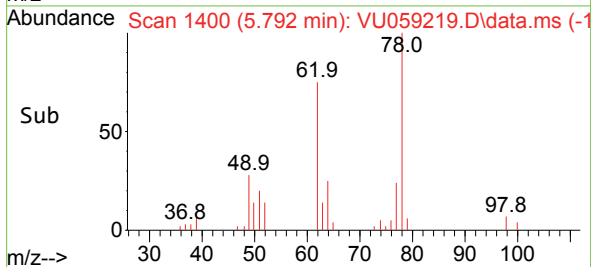
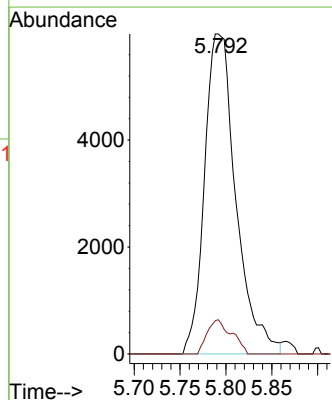
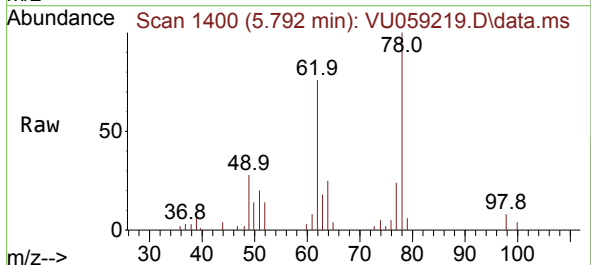
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2024

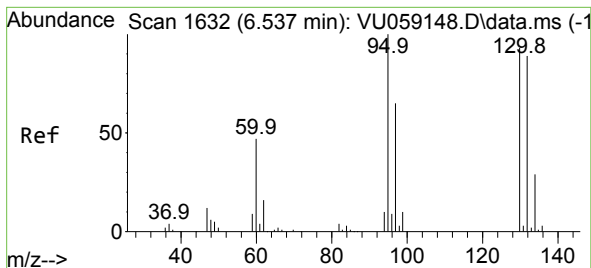
Tgt Ion: 78 Resp: 47855
Ion Ratio Lower Upper
78 100
77 25.5 19.4 29.2



#36
1,2-Dichloroethane
Concen: 0.972 ug/l
RT: 5.792 min Scan# 1400
Delta R.T. 0.007 min
Lab File: VU059219.D
Acq: 12 Jun 2024 13:18

Tgt Ion: 62 Resp: 14258
Ion Ratio Lower Upper
62 100
98 8.3 6.7 10.1





#37

Trichloroethene

Concen: 1.032 ug/l

RT: 6.541 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU059219.D

Acq: 12 Jun 2024 13:18

Instrument :

MSVOA_U

ClientSampleId :

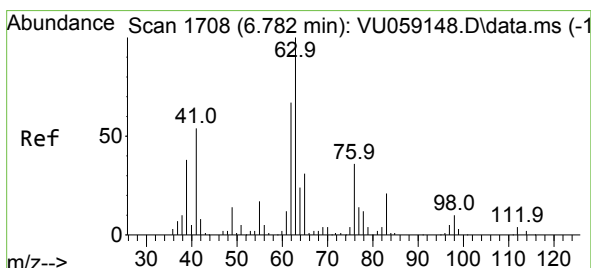
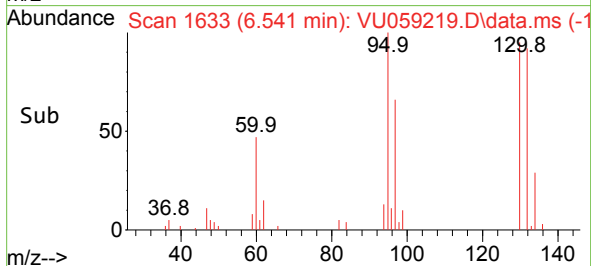
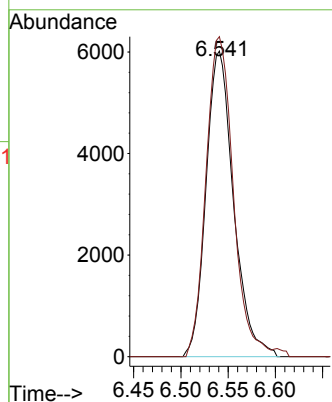
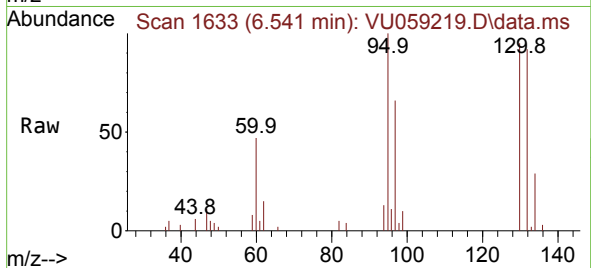
LOQ-WATER-02-QT2-2024

Tgt Ion:130 Resp: 12192

Ion Ratio Lower Upper

130 100

95 104.7 85.6 128.4



#38

1,2-Dichloropropane

Concen: 0.974 ug/l

RT: 6.785 min Scan# 1709

Delta R.T. 0.003 min

Lab File: VU059219.D

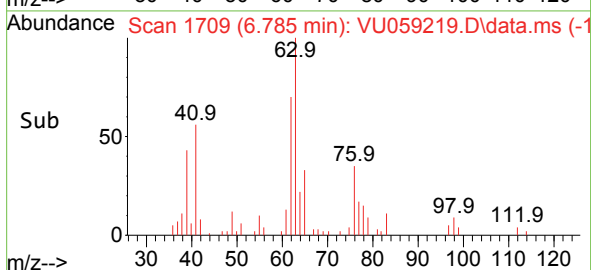
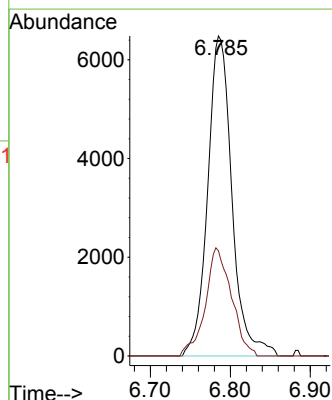
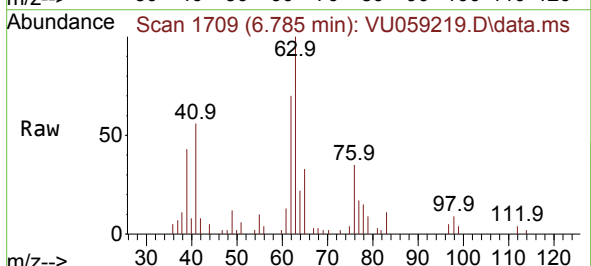
Acq: 12 Jun 2024 13:18

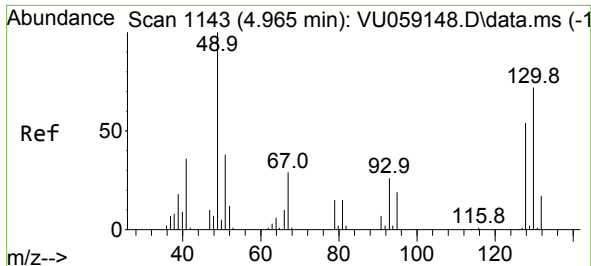
Tgt Ion: 63 Resp: 13681

Ion Ratio Lower Upper

63 100

65 32.9 24.6 37.0





#39

Methacrylonitrile

Concen: 0.869 ug/l m

RT: 4.988 min Scan# 1115

Delta R.T. 0.023 min

Lab File: VU059219.D

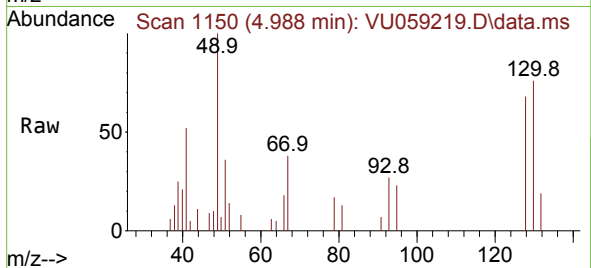
Acq: 12 Jun 2024 13:18

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT2-2024



Tgt Ion: 41 Resp: 2935

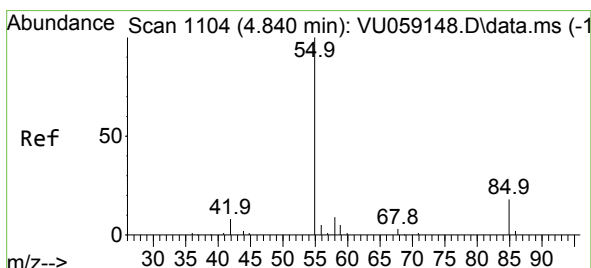
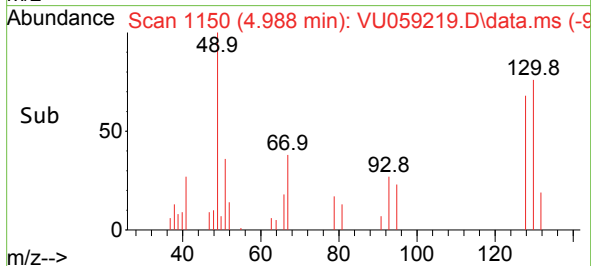
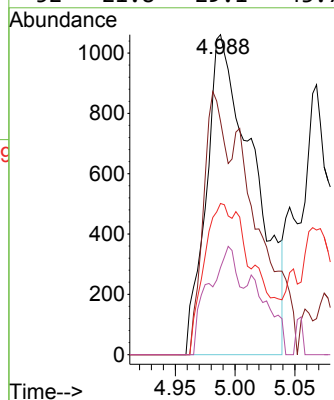
Ion Ratio Lower Upper

41 100

67 39.0 68.2 102.4#

39 50.0 43.4 65.2

52 21.8 29.1 43.7#



#40

Methyl acrylate

Concen: 0.851 ug/l m

RT: 4.882 min Scan# 1117

Delta R.T. 0.042 min

Lab File: VU059219.D

Acq: 12 Jun 2024 13:18

Tgt Ion: 55 Resp: 5036

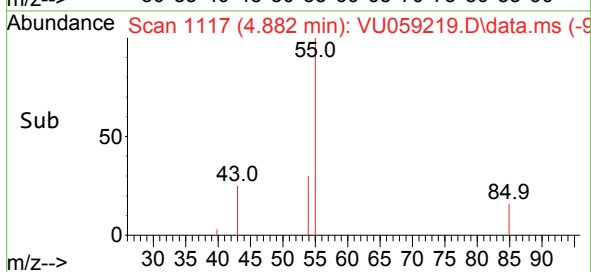
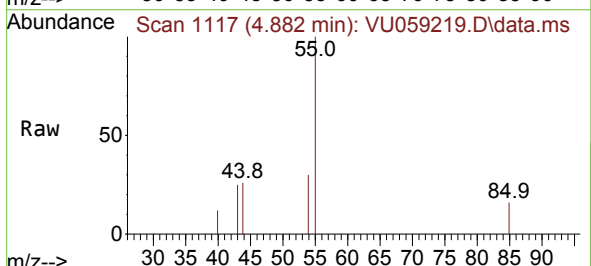
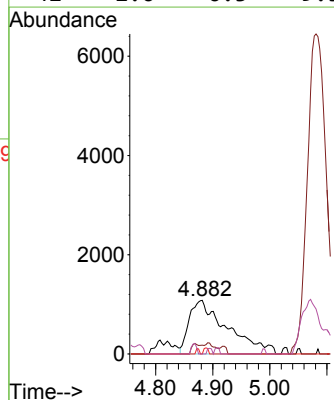
Ion Ratio Lower Upper

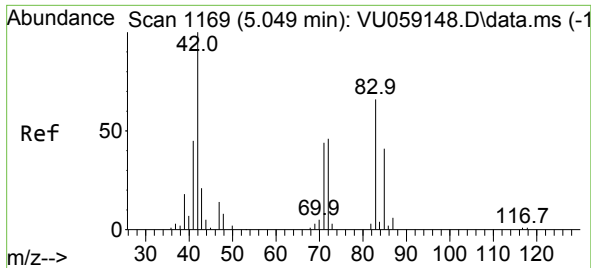
55 100

85 0.0 11.8 17.6#

58 0.8 6.0 9.0#

42 2.6 6.3 9.5#

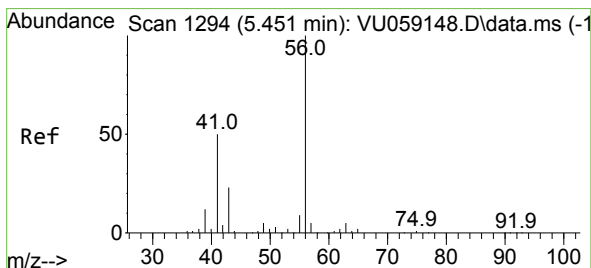
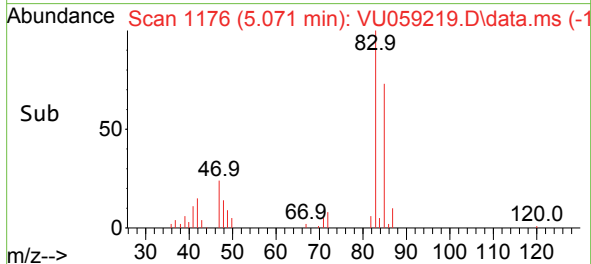
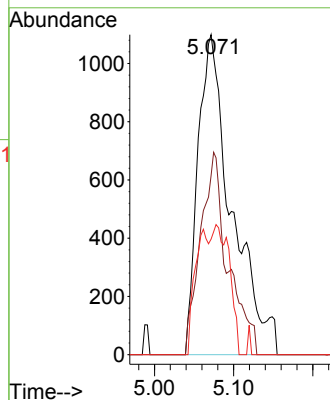
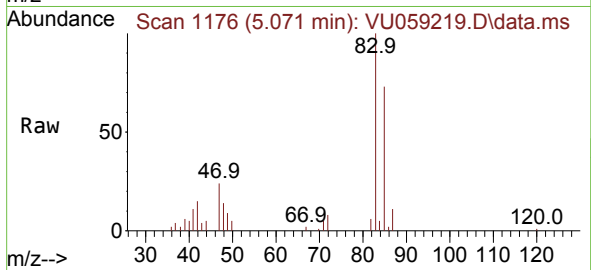




#41
Tetrahydrofuran
Concen: 1.798 ug/l m
RT: 5.071 min Scan# 1169
Delta R.T. 0.023 min
Lab File: VU059219.D
Acq: 12 Jun 2024 13:18

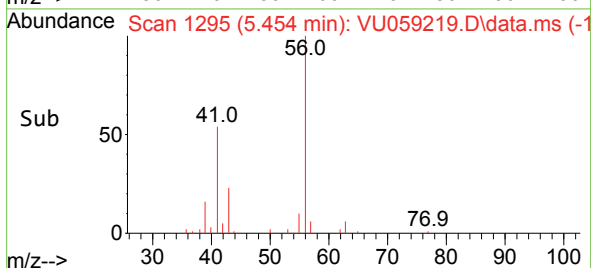
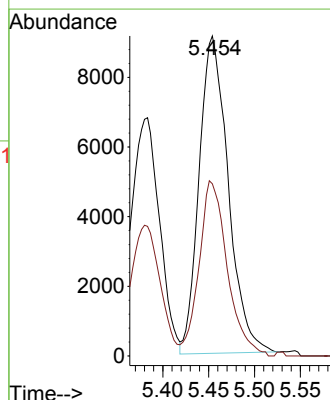
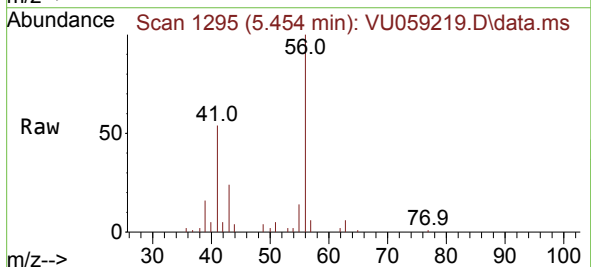
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2024

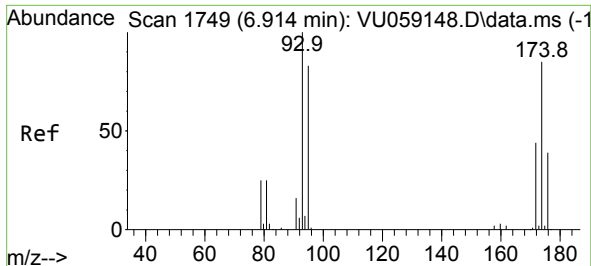
Tgt Ion: 42 Resp: 3247
Ion Ratio Lower Upper
42 100
72 51.6 40.7 61.1
71 16.1 36.5 54.7#



#42
1-Chlorobutane
Concen: 0.925 ug/l
RT: 5.454 min Scan# 1295
Delta R.T. 0.003 min
Lab File: VU059219.D
Acq: 12 Jun 2024 13:18

Tgt Ion: 56 Resp: 20103
Ion Ratio Lower Upper
56 100
41 53.4 25.7 77.1

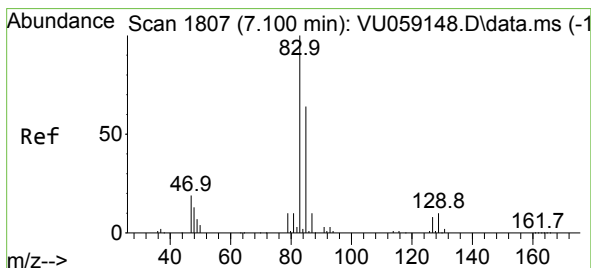
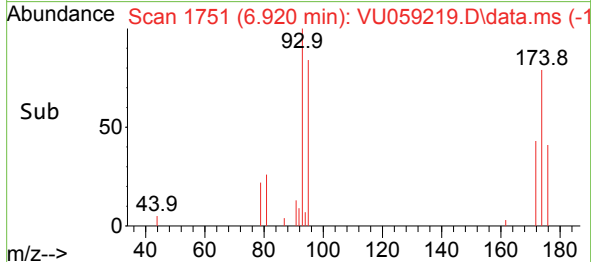
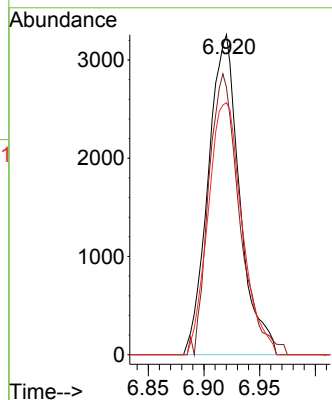
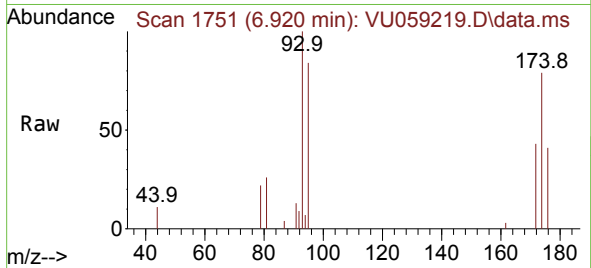




#43
Dibromomethane
Concen: 1.003 ug/l
RT: 6.920 min Scan# 1751
Delta R.T. 0.007 min
Lab File: VU059219.D
Acq: 12 Jun 2024 13:18

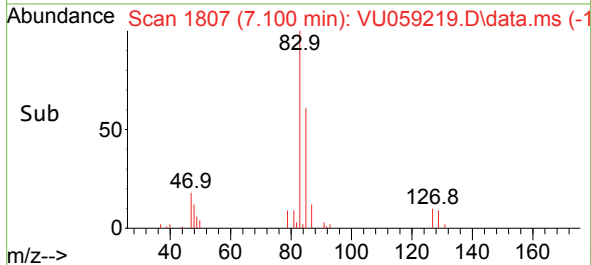
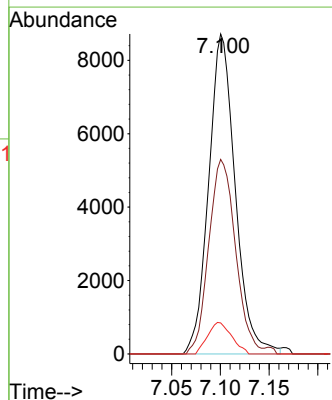
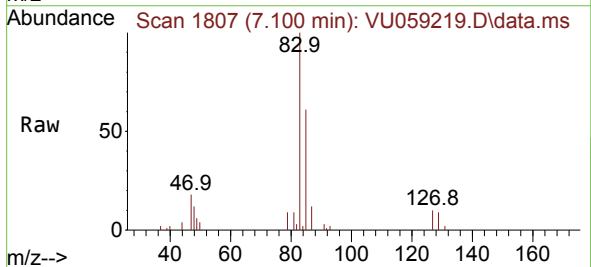
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2024

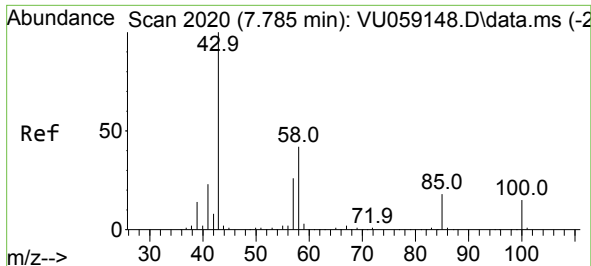
Tgt Ion: 93 Resp: 6381
Ion Ratio Lower Upper
93 100
95 86.7 66.1 99.1
174 85.0 67.2 100.8



#44
Bromodichloromethane
Concen: 1.003 ug/l
RT: 7.100 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VU059219.D
Acq: 12 Jun 2024 13:18

Tgt Ion: 83 Resp: 16534
Ion Ratio Lower Upper
83 100
85 60.8 51.0 76.4
127 9.7 6.4 9.6#





#45

4-Methyl-2-Pentanone

Concen: 4.415 ug/l

RT: 7.788 min Scan# 2020

Delta R.T. 0.003 min

Lab File: VU059219.D

Acq: 12 Jun 2024 13:18

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT2-2024

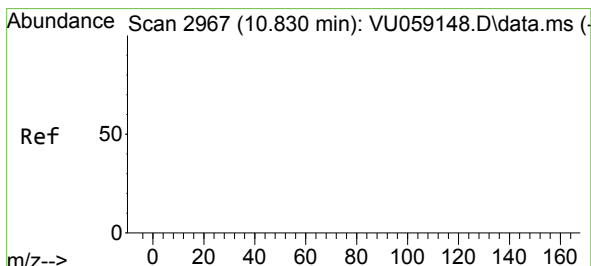
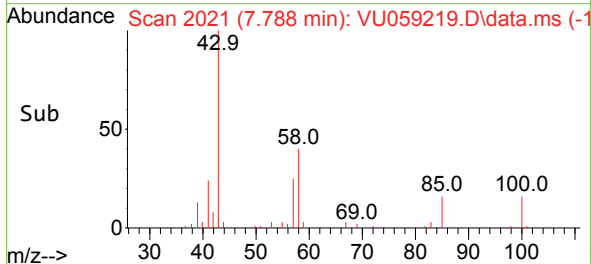
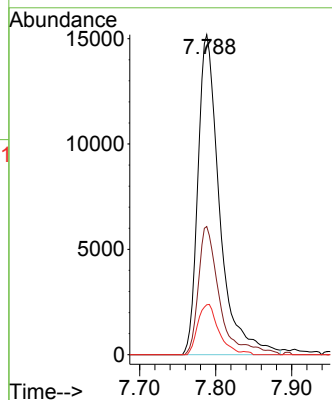
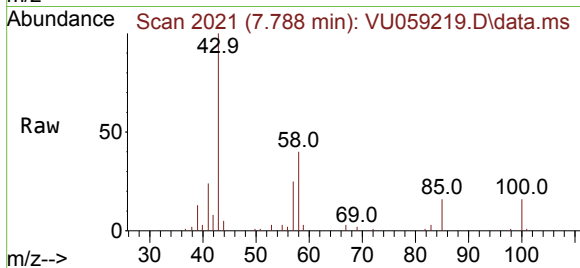
Tgt Ion: 43 Resp: 30108

Ion Ratio Lower Upper

43 100

58 39.2 21.1 63.3

85 15.1 14.6 22.0



#46

t-1,4-Dichloro-2-butene

Concen: 1.706 ug/l m

RT: 10.830 min Scan# 2967

Delta R.T. 0.000 min

Lab File: VU059219.D

Acq: 12 Jun 2024 13:18

Tgt Ion: 75 Resp: 4938

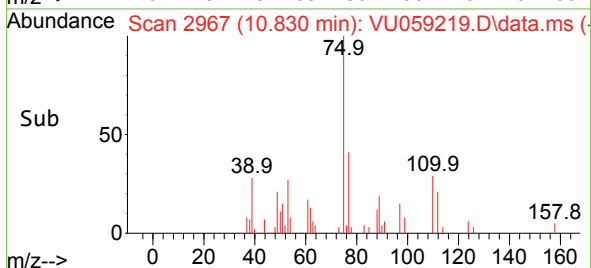
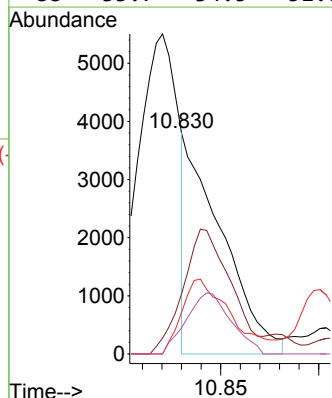
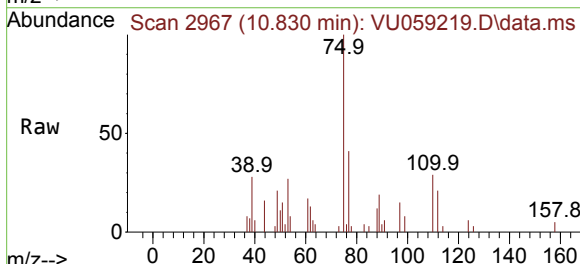
Ion Ratio Lower Upper

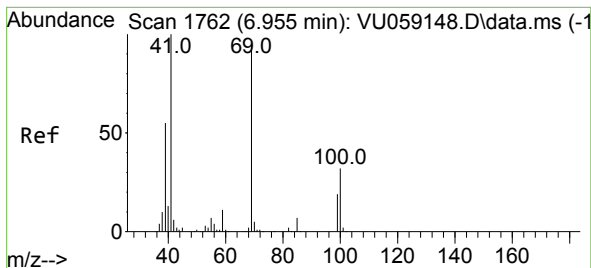
75 100

53 73.9 72.2 108.4

89 45.7 47.0 70.4#

88 33.7 34.5 51.7#





#47

Methyl methacrylate

Concen: 1.679 ug/l m

RT: 6.962 min Scan# 1

Delta R.T. 0.007 min

Lab File: VU059219.D

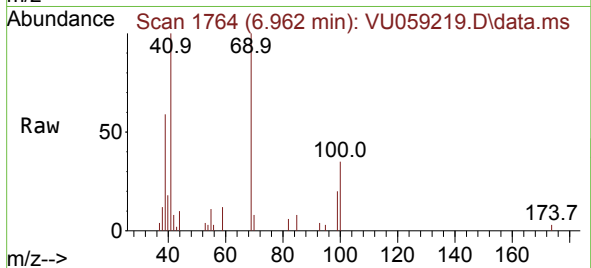
Acq: 12 Jun 2024 13:18

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT2-2024



Tgt Ion: 69 Resp: 9170

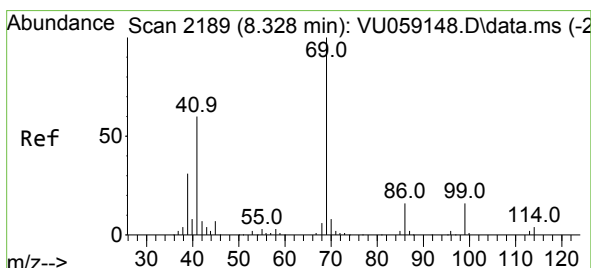
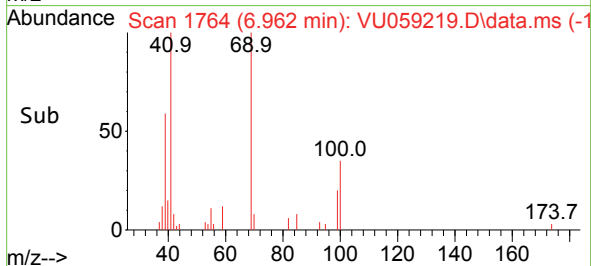
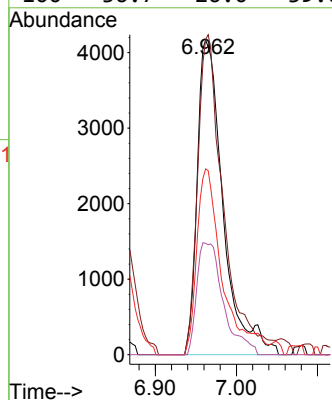
Ion Ratio Lower Upper

69 100

41 101.9 0.0 208.8

39 58.9 46.0 69.0

100 36.7 26.0 39.0



#48

Ethyl methacrylate

Concen: 0.844 ug/l

RT: 8.332 min Scan# 2190

Delta R.T. 0.003 min

Lab File: VU059219.D

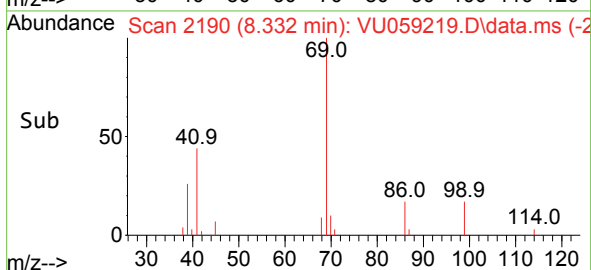
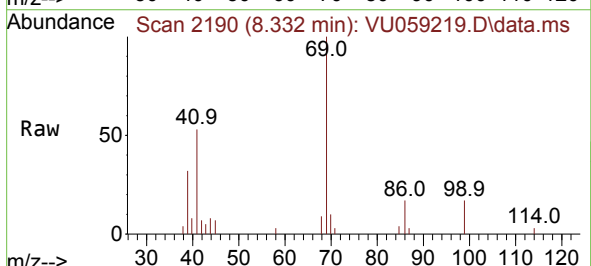
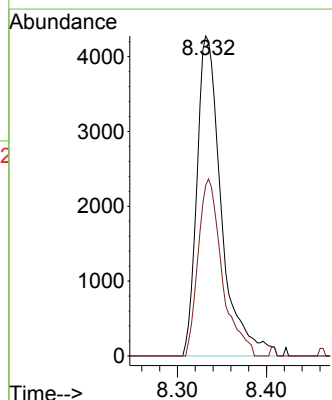
Acq: 12 Jun 2024 13:18

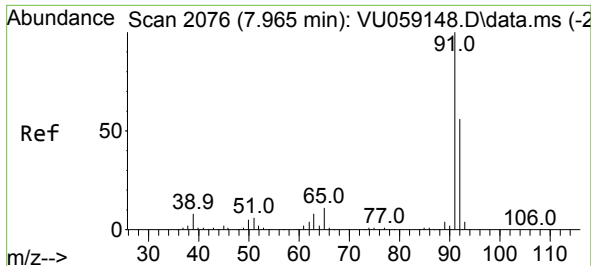
Tgt Ion: 69 Resp: 8140

Ion Ratio Lower Upper

69 100

41 54.2 30.2 90.6





#49

Toluene

Concen: 0.943 ug/l

RT: 7.965 min Scan# 2076

Delta R.T. 0.000 min

Lab File: VU059219.D

Acq: 12 Jun 2024 13:18

Instrument :

MSVOA_U

ClientSampleId :

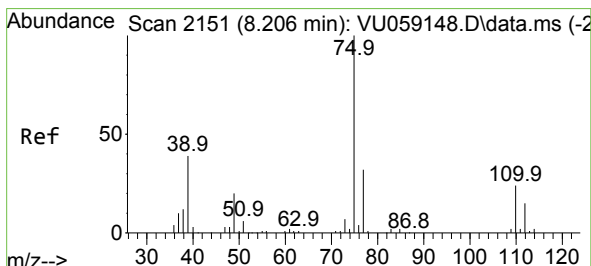
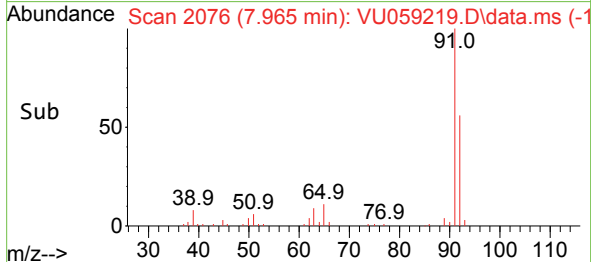
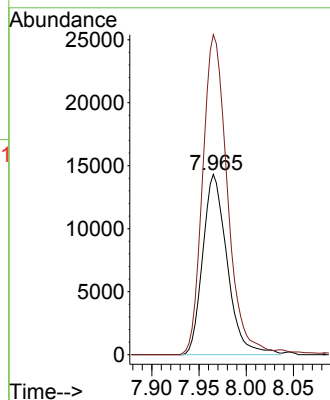
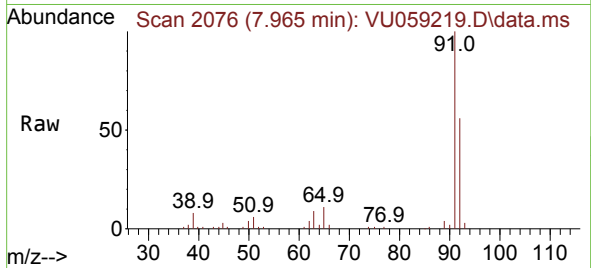
LOQ-WATER-02-QT2-2024

Tgt Ion: 92 Resp: 25696

Ion Ratio Lower Upper

92 100

91 179.4 143.4 215.0



#50

t-1,3-Dichloropropene

Concen: 0.878 ug/l

RT: 8.210 min Scan# 2152

Delta R.T. 0.003 min

Lab File: VU059219.D

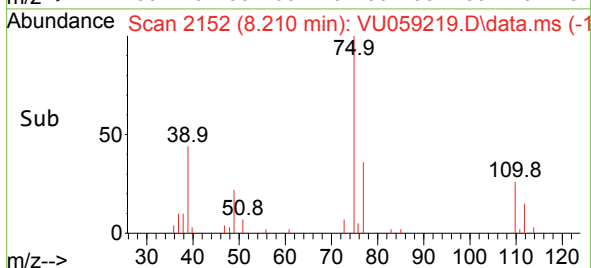
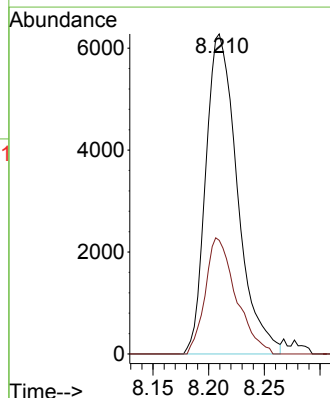
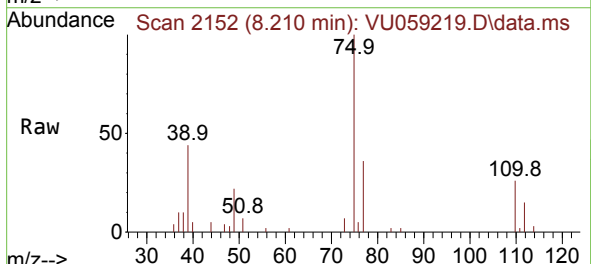
Acq: 12 Jun 2024 13:18

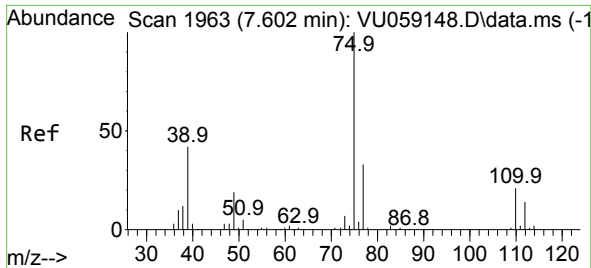
Tgt Ion: 75 Resp: 12384

Ion Ratio Lower Upper

75 100

77 35.5 25.3 37.9

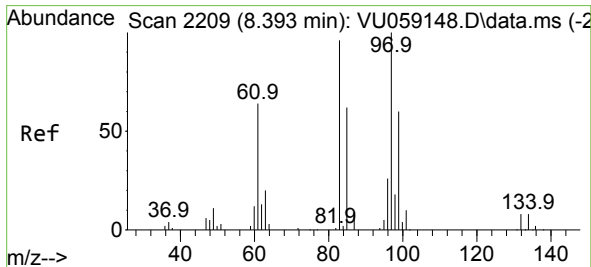
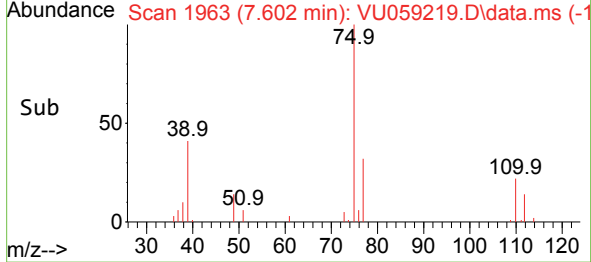
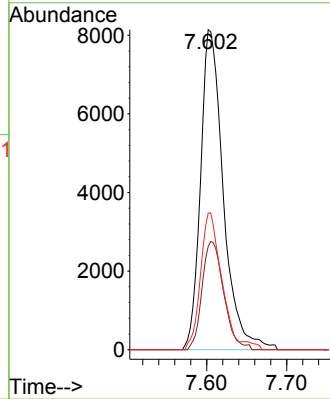
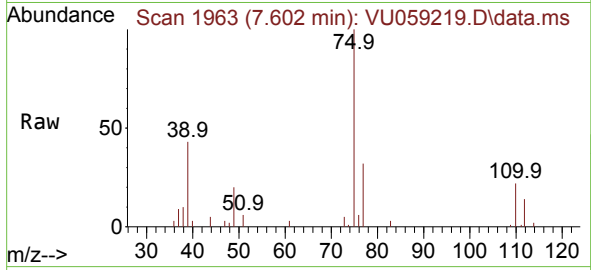




#51
 cis-1,3-Dichloropropene
 Concen: 0.934 ug/l
 RT: 7.602 min Scan# 1963
 Delta R.T. 0.000 min
 Lab File: VU059219.D
 Acq: 12 Jun 2024 13:18

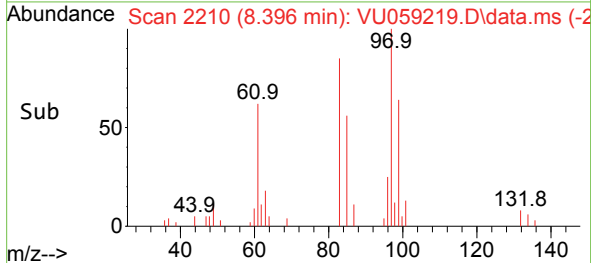
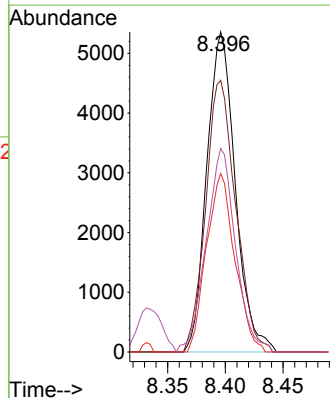
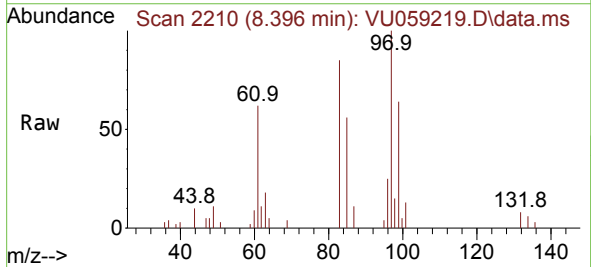
Instrument :
 MSVOA_U
 ClientSampleId :
 LOQ-WATER-02-QT2-2024

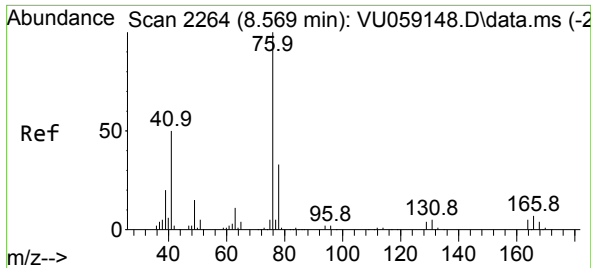
Tgt Ion:	75	Resp:	16143
Ion	Ratio	Lower	Upper
75	100		
77	32.2	26.0	39.0
39	42.7	33.2	49.8



#52
 1,1,2-Trichloroethane
 Concen: 0.977 ug/l
 RT: 8.396 min Scan# 2210
 Delta R.T. 0.003 min
 Lab File: VU059219.D
 Acq: 12 Jun 2024 13:18

Tgt Ion:	97	Resp:	9181
Ion	Ratio	Lower	Upper
97	100		
83	84.9	76.4	114.6
85	55.8	49.6	74.4
99	63.6	49.8	74.8





#53

1,3-Dichloropropane

Concen: 0.930 ug/l

RT: 8.570 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU059219.D

Acq: 12 Jun 2024 13:18

Instrument :

MSVOA_U

ClientSampleId :

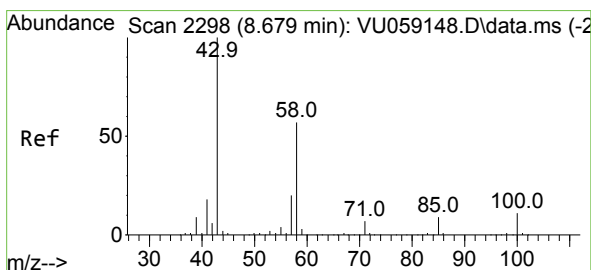
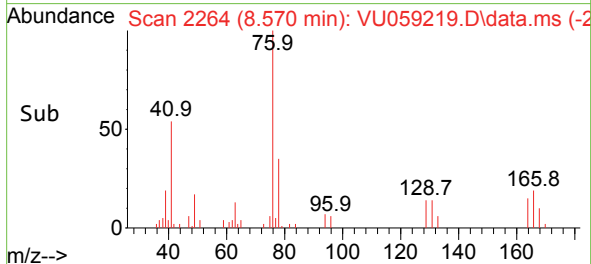
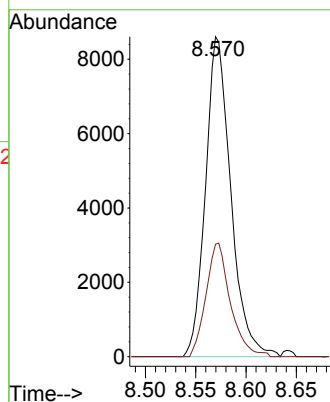
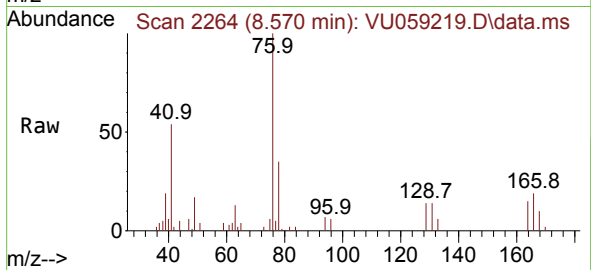
LOQ-WATER-02-QT2-2024

Tgt Ion: 76 Resp: 15060

Ion Ratio Lower Upper

76 100

78 34.1 25.4 38.2



#54

2-Hexanone

Concen: 3.749 ug/l

RT: 8.685 min Scan# 2300

Delta R.T. 0.007 min

Lab File: VU059219.D

Acq: 12 Jun 2024 13:18

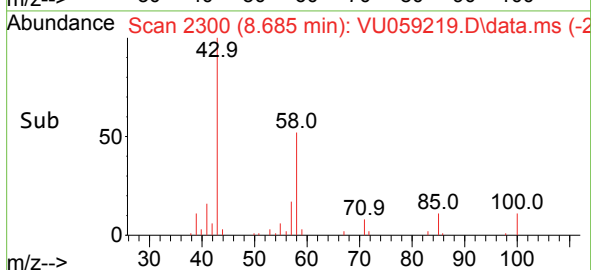
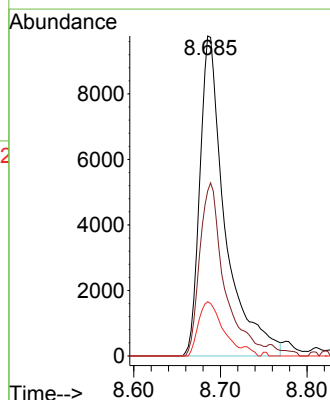
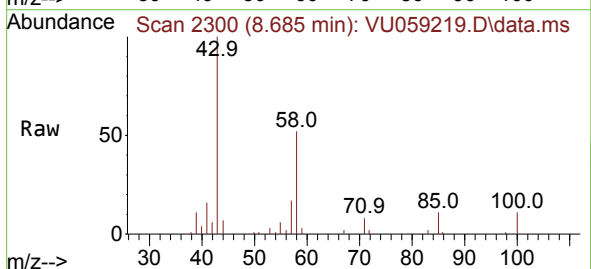
Tgt Ion: 43 Resp: 19819

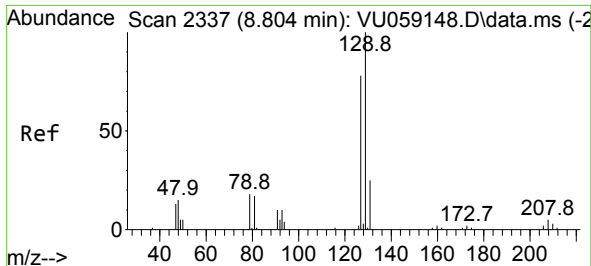
Ion Ratio Lower Upper

43 100

58 52.9 38.6 78.6

57 16.2 0.0 39.5

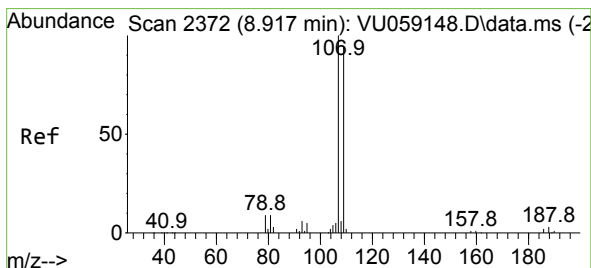
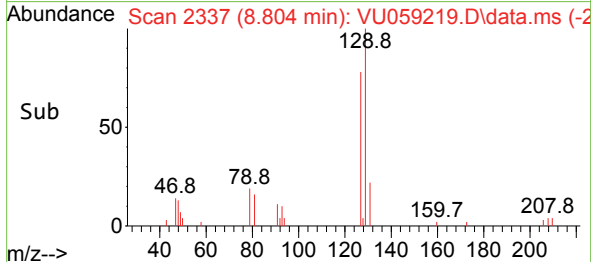
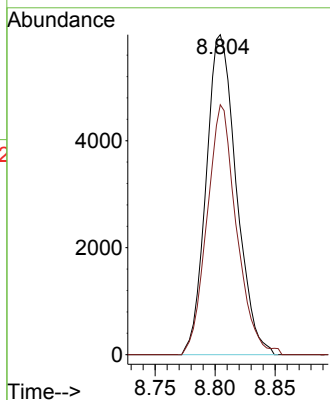
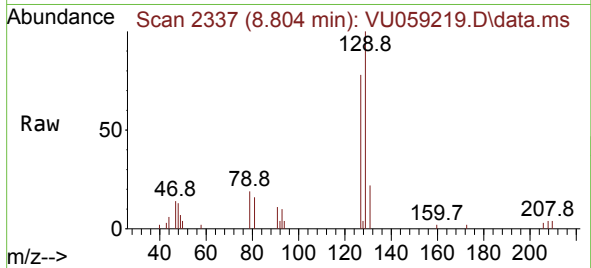




#55
Dibromochloromethane
Concen: 1.030 ug/l
RT: 8.804 min Scan# 2137
Delta R.T. 0.000 min
Lab File: VU059219.D
Acq: 12 Jun 2024 13:18

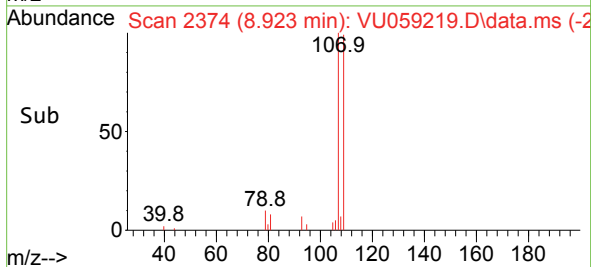
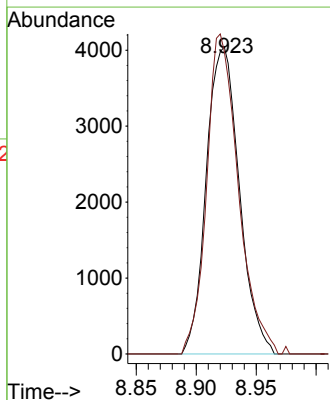
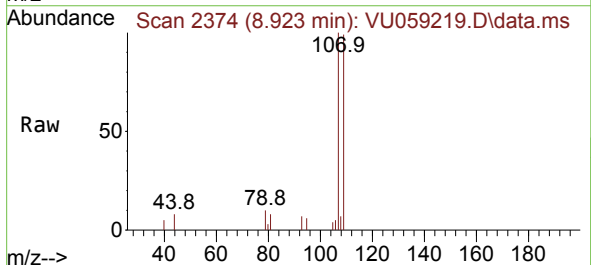
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2024

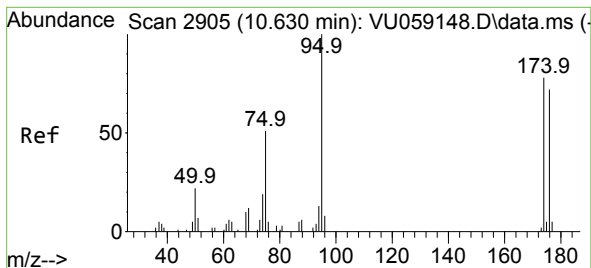
Tgt Ion:129 Resp: 10479
Ion Ratio Lower Upper
129 100
127 76.3 61.9 92.9



#56
1,2-Dibromoethane
Concen: 0.940 ug/l
RT: 8.923 min Scan# 2374
Delta R.T. 0.007 min
Lab File: VU059219.D
Acq: 12 Jun 2024 13:18

Tgt Ion:107 Resp: 7746
Ion Ratio Lower Upper
107 100
109 99.9 0.0 188.2





#57

4-Bromofluorobenzene

Concen: 0.974 ug/l

RT: 10.631 min Scan# 2905

Delta R.T. 0.000 min

Lab File: VU059219.D

Acq: 12 Jun 2024 13:18

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT2-2024

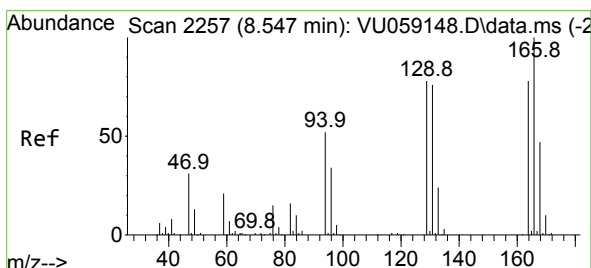
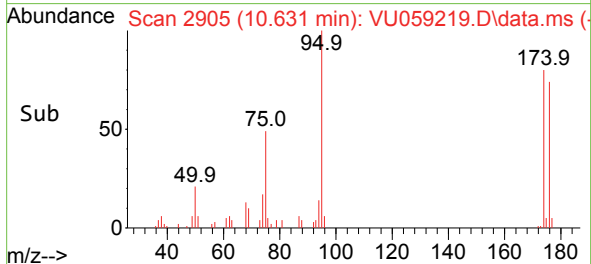
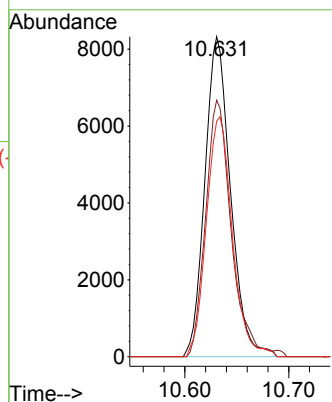
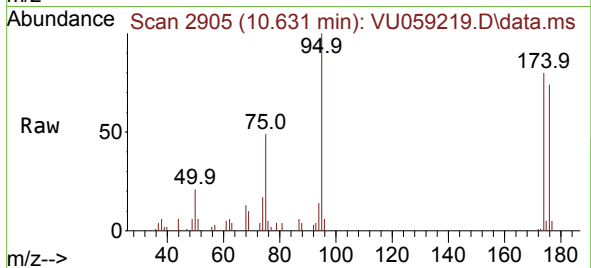
Tgt Ion: 95 Resp: 14268

Ion Ratio Lower Upper

95 100

174 79.8 59.6 89.4

176 76.1 57.3 85.9



#58

Tetrachloroethene

Concen: 1.079 ug/l

RT: 8.547 min Scan# 2257

Delta R.T. 0.000 min

Lab File: VU059219.D

Acq: 12 Jun 2024 13:18

Tgt Ion: 164 Resp: 11752

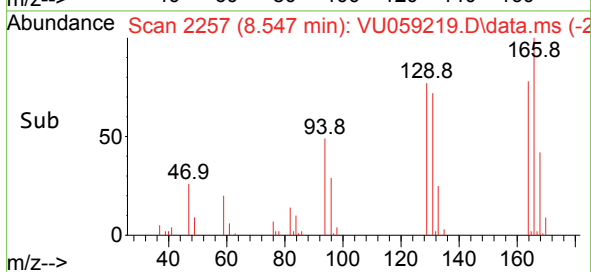
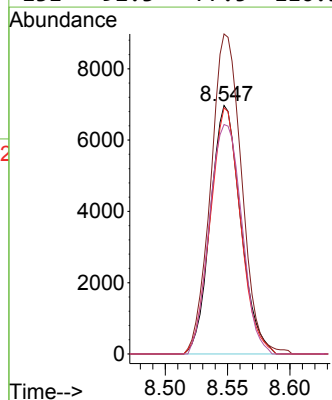
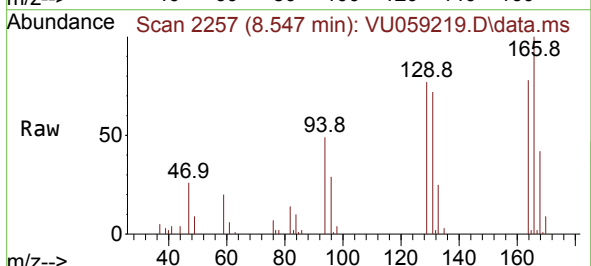
Ion Ratio Lower Upper

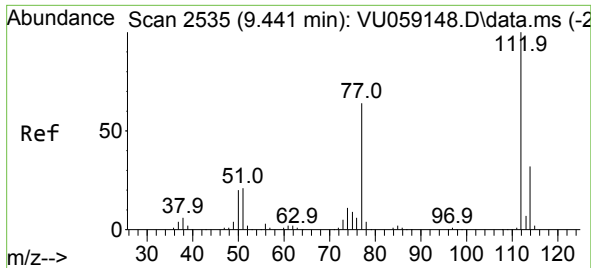
164 100

166 128.8 102.6 153.8

129 99.1 80.3 120.5

131 92.3 77.5 116.3

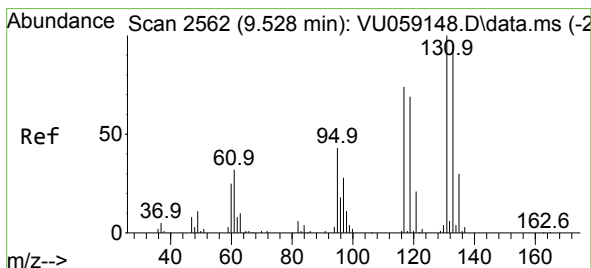
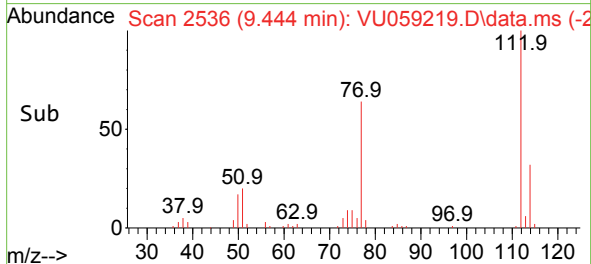
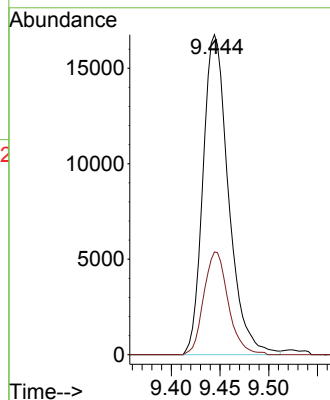
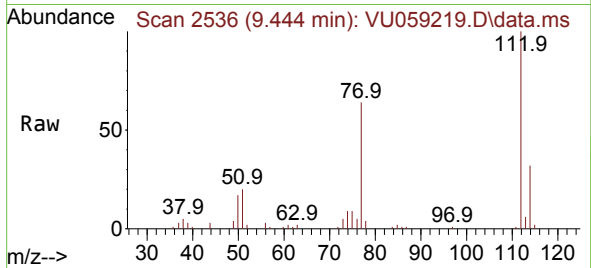




#59
Chlorobenzene
Concen: 1.026 ug/l
RT: 9.444 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU059219.D
Acq: 12 Jun 2024 13:18

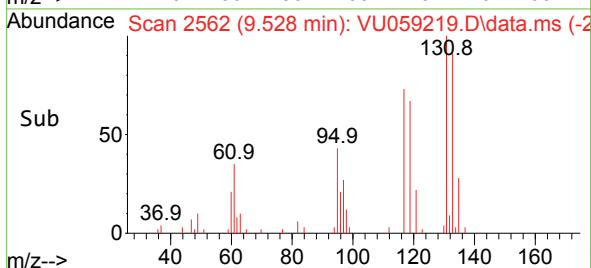
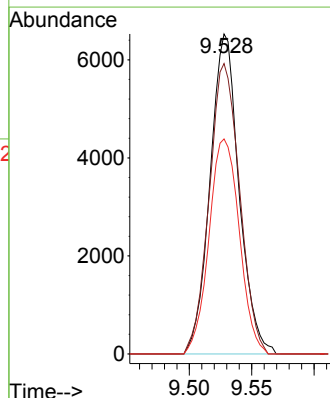
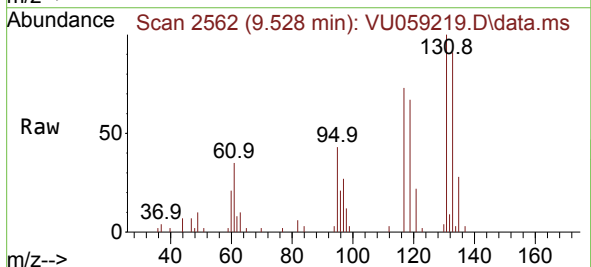
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2024

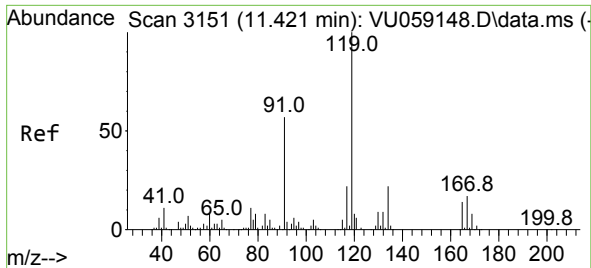
Tgt Ion:112 Resp: 30584
Ion Ratio Lower Upper
112 100
114 32.1 25.6 38.4



#60
1,1,1,2-Tetrachloroethane
Concen: 0.988 ug/l
RT: 9.528 min Scan# 2562
Delta R.T. 0.000 min
Lab File: VU059219.D
Acq: 12 Jun 2024 13:18

Tgt Ion:131 Resp: 10545
Ion Ratio Lower Upper
131 100
133 95.3 76.7 115.1
119 70.4 55.3 82.9

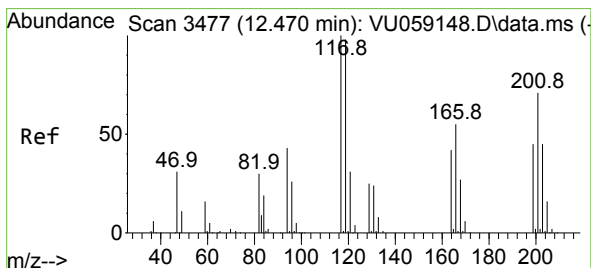
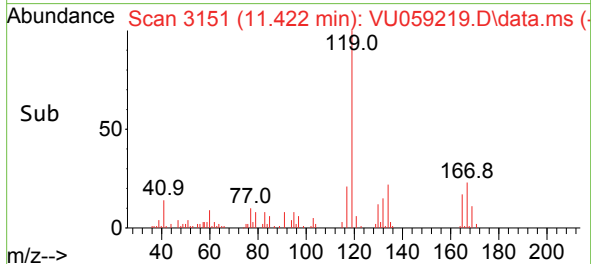
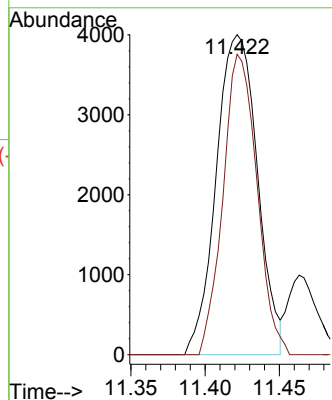
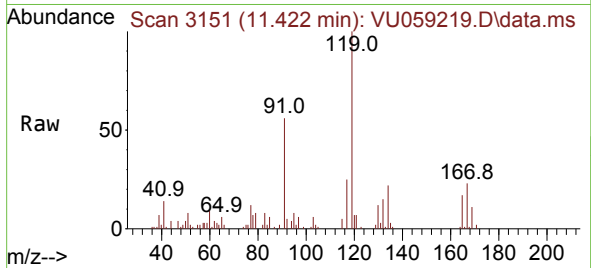




#61
Pentachloroethane
Concen: 0.933 ug/l
RT: 11.422 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VU059219.D
Acq: 12 Jun 2024 13:18

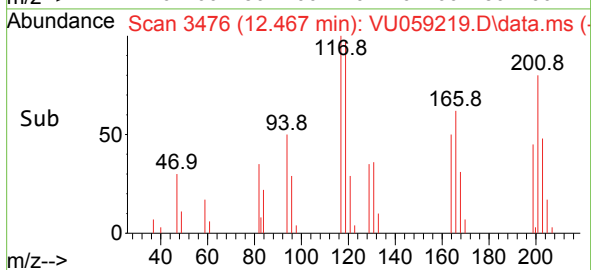
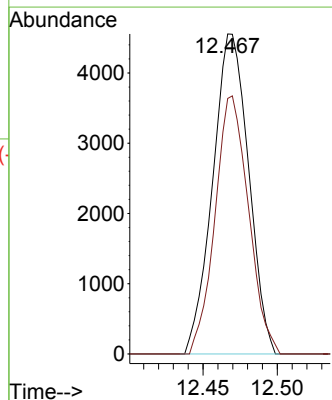
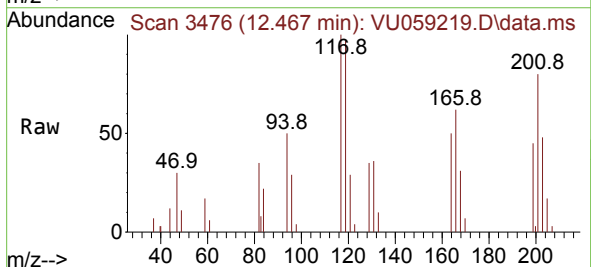
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2024

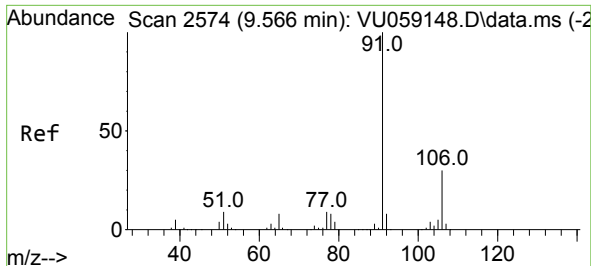
Tgt Ion:117 Resp: 7727
Ion Ratio Lower Upper
117 100
167 77.2 58.1 87.1



#62
Hexachloroethane
Concen: 0.909 ug/l
RT: 12.467 min Scan# 3476
Delta R.T. -0.003 min
Lab File: VU059219.D
Acq: 12 Jun 2024 13:18

Tgt Ion:117 Resp: 7652
Ion Ratio Lower Upper
117 100
201 75.3 55.8 83.8

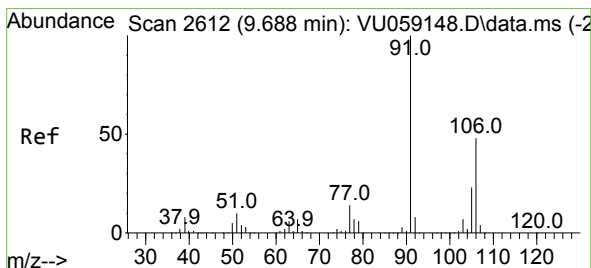
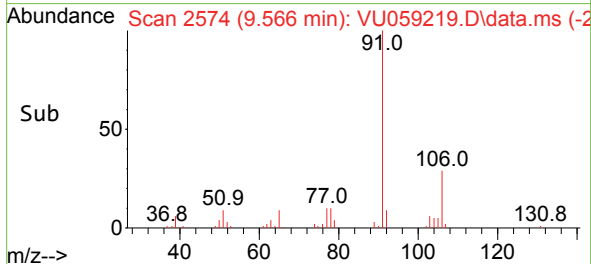
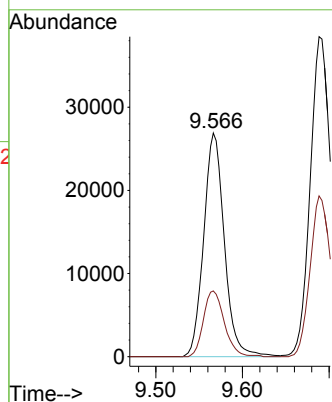
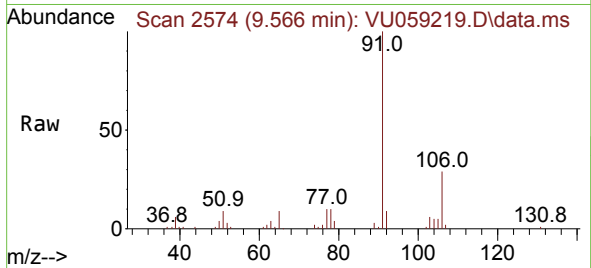




#63
Ethyl Benzene
Concen: 0.886 ug/l
RT: 9.566 min Scan# 2574
Delta R.T. 0.000 min
Lab File: VU059219.D
Acq: 12 Jun 2024 13:18

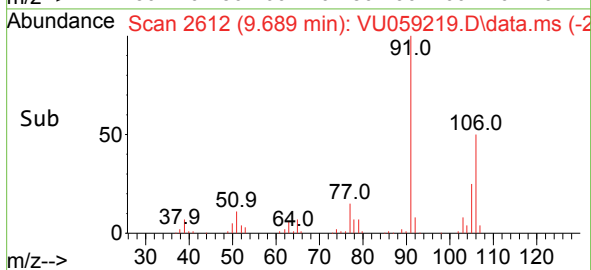
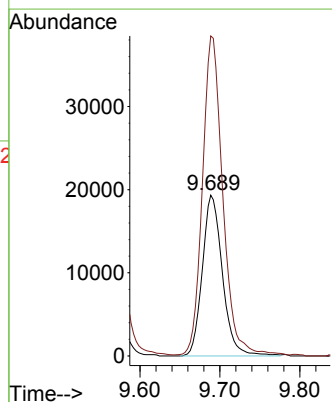
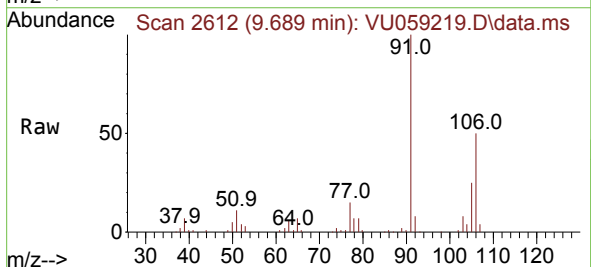
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2024

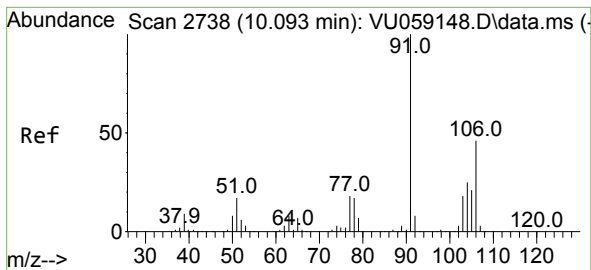
Tgt Ion: 91 Resp: 44600
Ion Ratio Lower Upper
91 100
106 29.4 23.9 35.9



#64
m/p-Xylenes
Concen: 1.784 ug/l
RT: 9.689 min Scan# 2612
Delta R.T. 0.000 min
Lab File: VU059219.D
Acq: 12 Jun 2024 13:18

Tgt Ion: 106 Resp: 33859
Ion Ratio Lower Upper
106 100
91 200.7 166.4 249.6





#65

o-Xylene

Concen: 0.901 ug/l

RT: 10.097 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU059219.D

Acq: 12 Jun 2024 13:18

Instrument :

MSVOA_U

ClientSampleId :

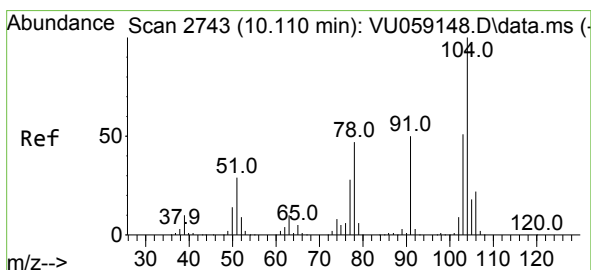
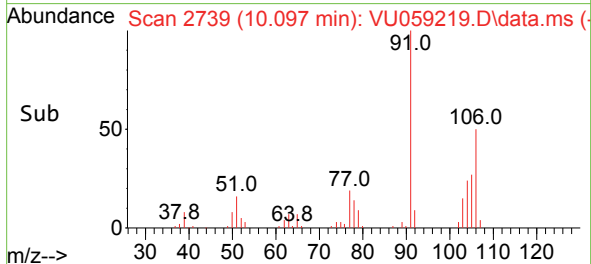
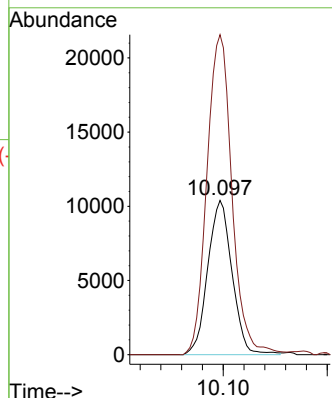
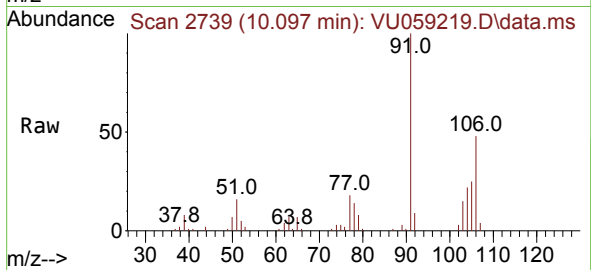
LOQ-WATER-02-QT2-2024

Tgt Ion:106 Resp: 16868

Ion Ratio Lower Upper

106 100

91 213.9 110.7 332.1



#66

Styrene

Concen: 0.861 ug/l

RT: 10.113 min Scan# 2744

Delta R.T. 0.003 min

Lab File: VU059219.D

Acq: 12 Jun 2024 13:18

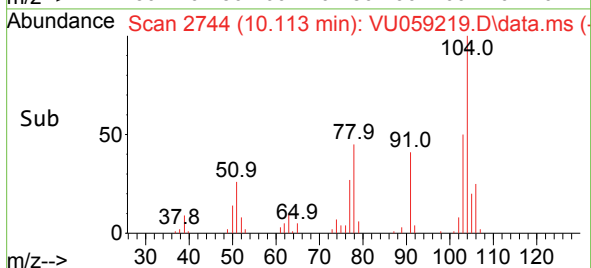
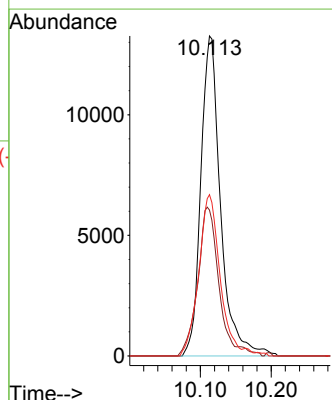
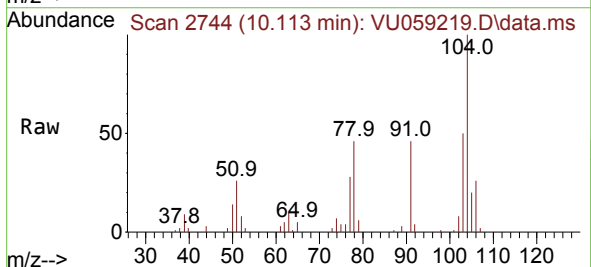
Tgt Ion:104 Resp: 25752

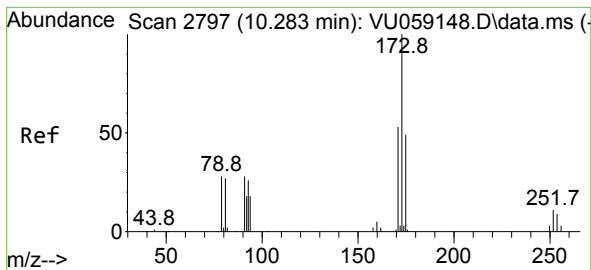
Ion Ratio Lower Upper

104 100

78 50.0 41.6 62.4

103 53.7 44.6 66.8





#67

Bromoform

Concen: 0.995 ug/l

RT: 10.290 min Scan# 21

Delta R.T. 0.007 min

Lab File: VU059219.D

Acq: 12 Jun 2024 13:18

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT2-2024

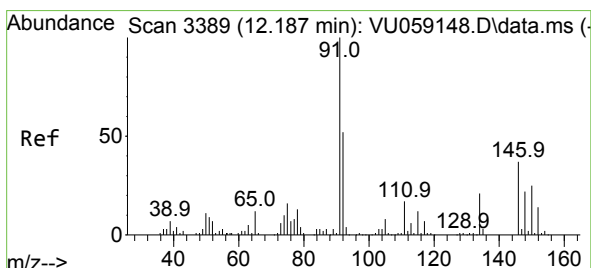
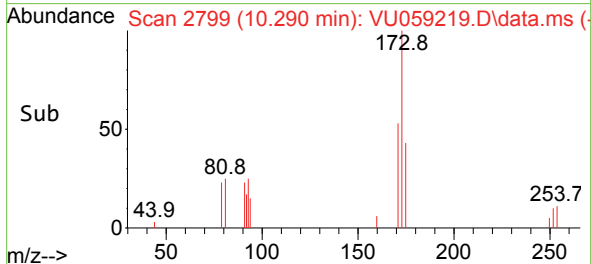
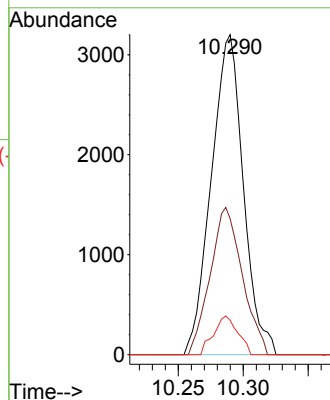
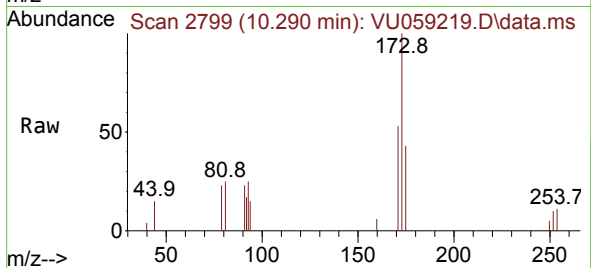
Tgt Ion:173 Resp: 5480

Ion Ratio Lower Upper

173 100

175 46.2 40.1 60.1

254 9.1 7.0 10.4



#68

1,2-Dichlorobenzene-d4

Concen: 1.025 ug/l

RT: 12.190 min Scan# 3390

Delta R.T. 0.003 min

Lab File: VU059219.D

Acq: 12 Jun 2024 13:18

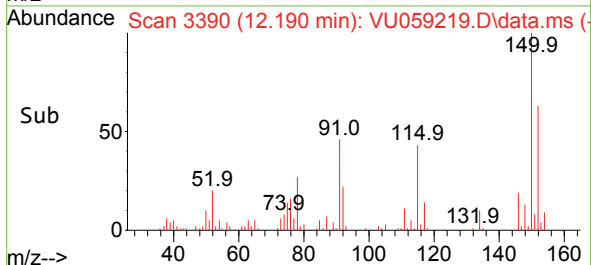
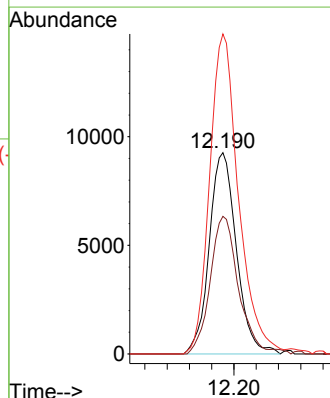
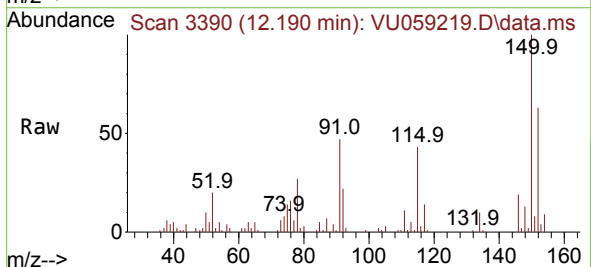
Tgt Ion:152 Resp: 15706

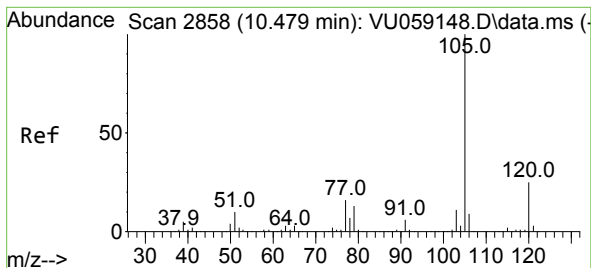
Ion Ratio Lower Upper

152 100

115 71.4 0.0 293.2

150 168.8 0.0 636.0





#69

Isopropylbenzene

Concen: 0.886 ug/l

RT: 10.480 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU059219.D

Acq: 12 Jun 2024 13:18

Instrument :

MSVOA_U

ClientSampleId :

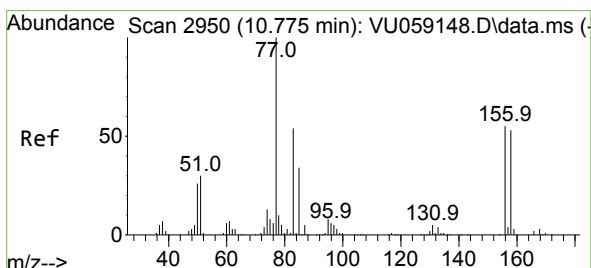
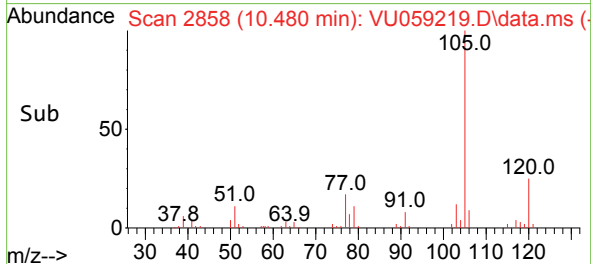
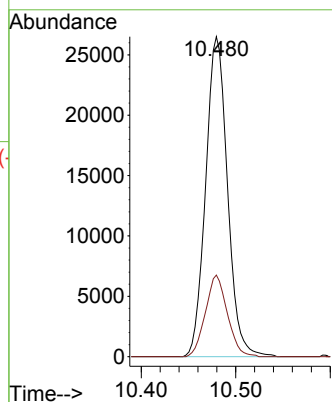
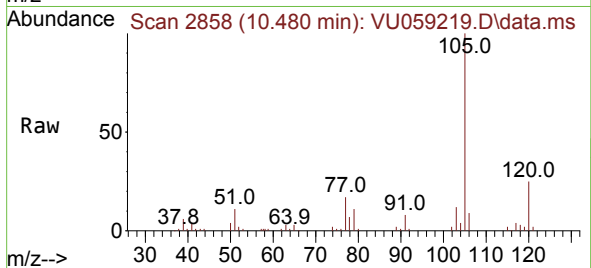
LOQ-WATER-02-QT2-2024

Tgt Ion:105 Resp: 42514

Ion Ratio Lower Upper

105 100

120 25.6 12.7 38.0



#70

1,1,2,2-Tetrachloroethane

Concen: 1.026 ug/l

RT: 10.775 min Scan# 2950

Delta R.T. 0.000 min

Lab File: VU059219.D

Acq: 12 Jun 2024 13:18

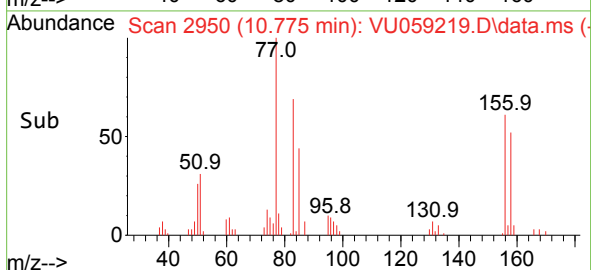
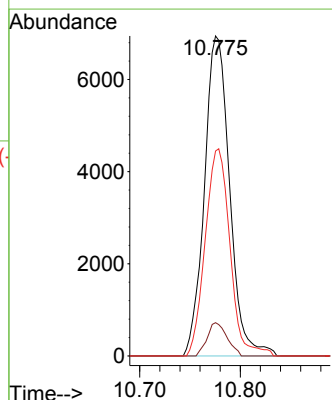
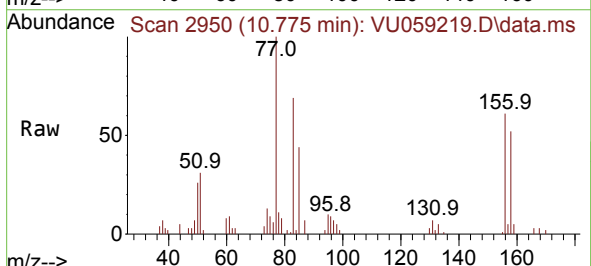
Tgt Ion: 83 Resp: 12119

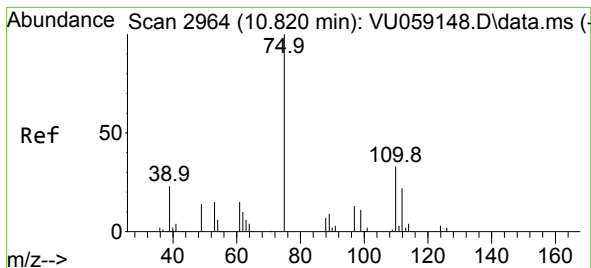
Ion Ratio Lower Upper

83 100

131 8.2 6.6 10.0

85 63.6 50.1 75.1





#71

1,2,3-Trichloropropane

Concen: 1.040 ug/l m

RT: 10.820 min Scan# 2964

Delta R.T. 0.000 min

Lab File: VU059219.D

Acq: 12 Jun 2024 13:18

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT2-2024

Tgt Ion: 75 Resp: 9381

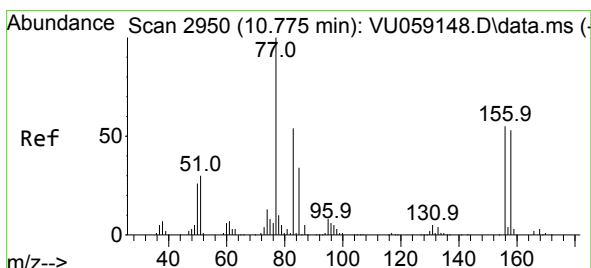
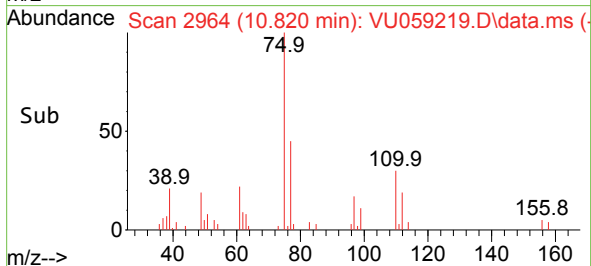
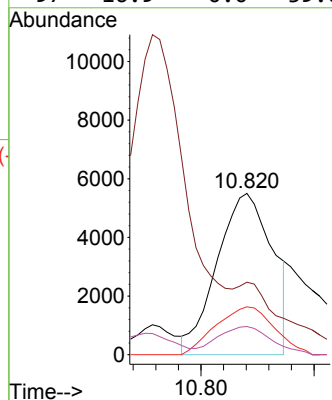
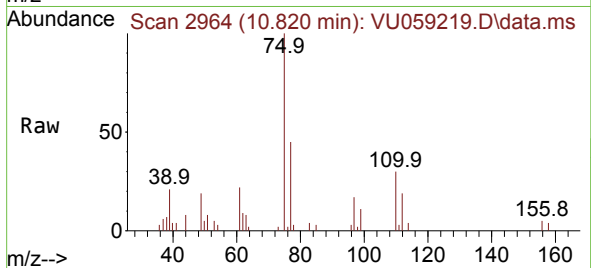
Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

110 31.3 0.0 68.4

97 16.9 0.0 39.6



#72

Bromobenzene

Concen: 1.023 ug/l

RT: 10.779 min Scan# 2951

Delta R.T. 0.003 min

Lab File: VU059219.D

Acq: 12 Jun 2024 13:18

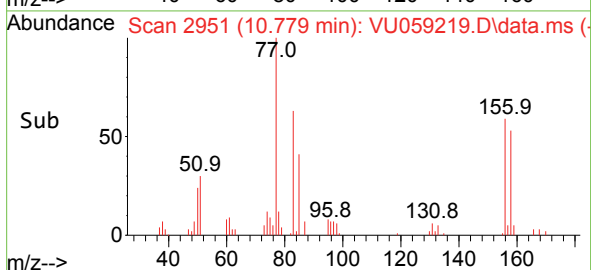
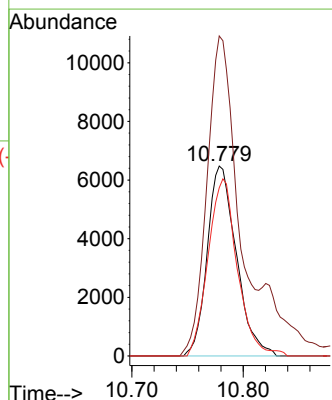
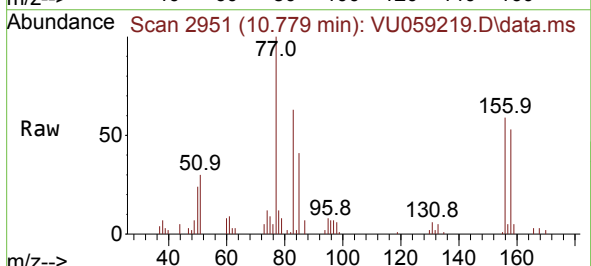
Tgt Ion: 156 Resp: 11764

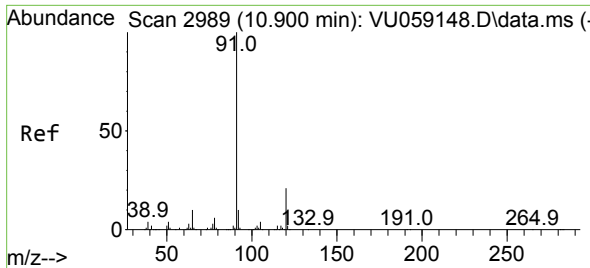
Ion Ratio Lower Upper

156 100

77 173.7 0.0 359.6

158 93.8 0.0 192.2

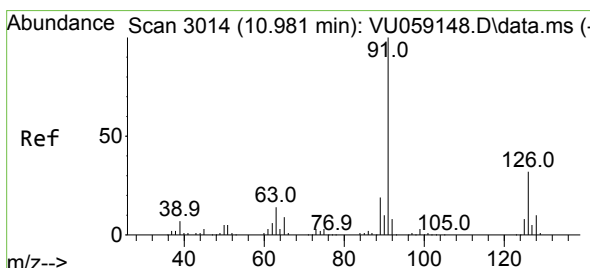
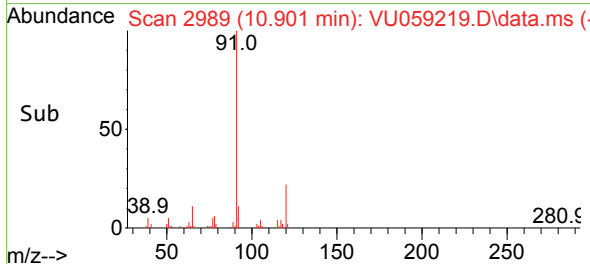
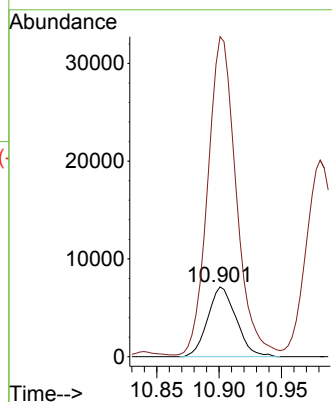
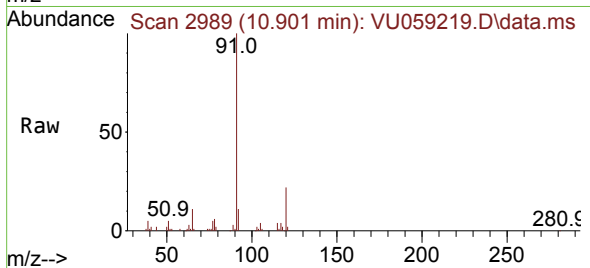




#73
n-propylbenzene
Concen: 0.882 ug/l
RT: 10.901 min Scan# 2989
Delta R.T. 0.000 min
Lab File: VU059219.D
Acq: 12 Jun 2024 13:18

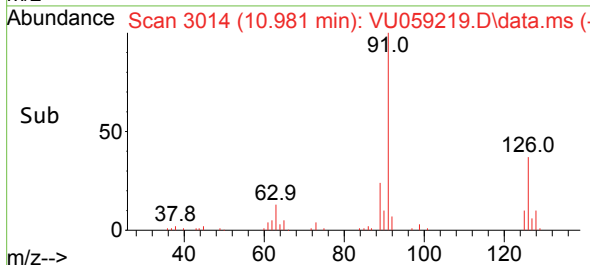
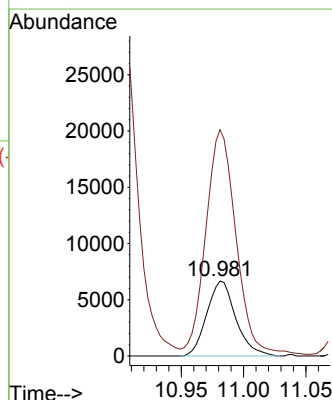
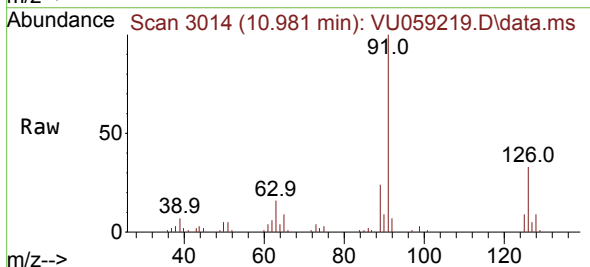
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2024

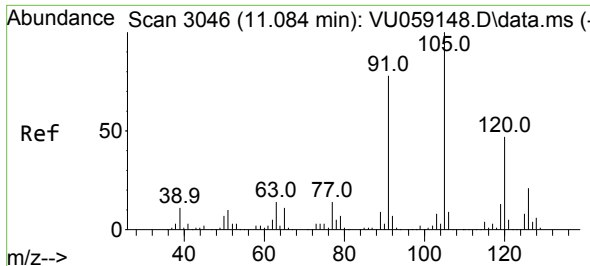
Tgt Ion:120 Resp: 11305
Ion Ratio Lower Upper
120 100
91 456.3 378.6 567.8



#74
2-Chlorotoluene
Concen: 0.921 ug/l
RT: 10.981 min Scan# 3014
Delta R.T. 0.000 min
Lab File: VU059219.D
Acq: 12 Jun 2024 13:18

Tgt Ion:126 Resp: 10798
Ion Ratio Lower Upper
126 100
91 310.4 0.0 627.0

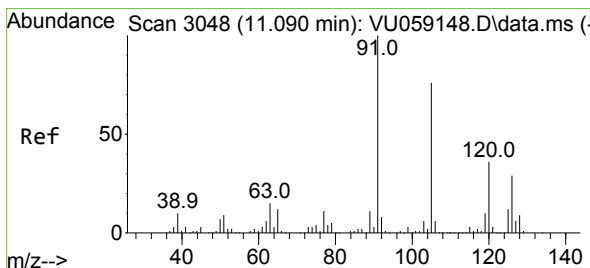
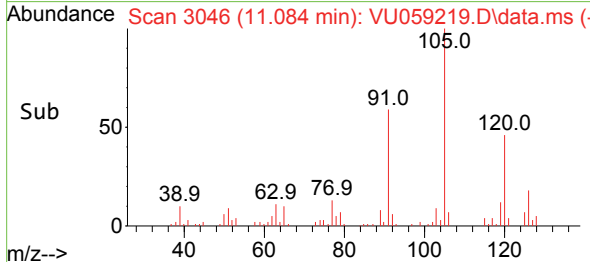
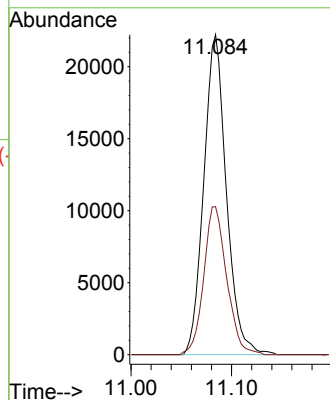
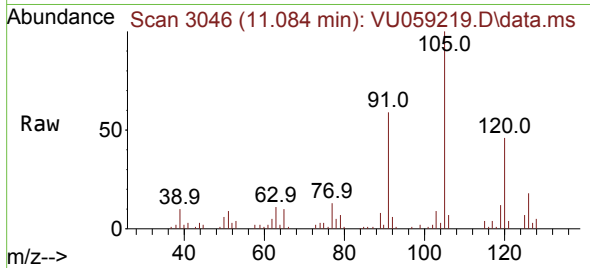




#75
1,3,5-Trimethylbenzene
Concen: 0.856 ug/l
RT: 11.084 min Scan# 3046
Delta R.T. 0.000 min
Lab File: VU059219.D
Acq: 12 Jun 2024 13:18

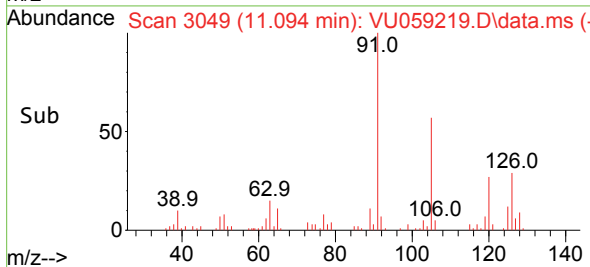
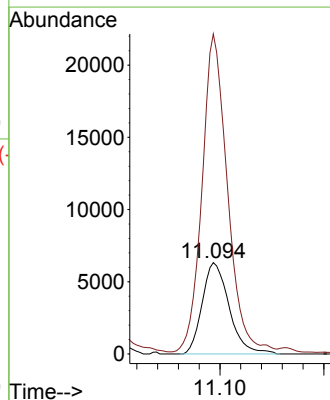
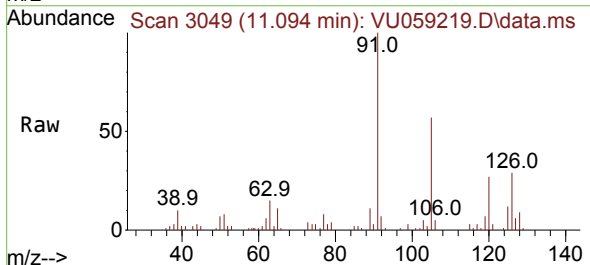
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2024

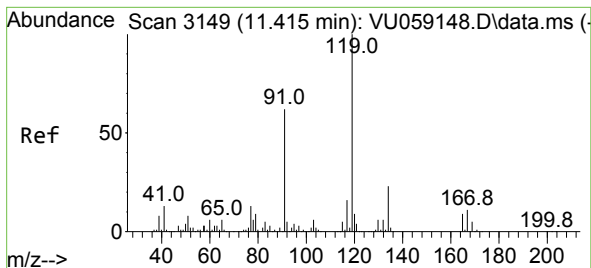
Tgt Ion:105 Resp: 34700
Ion Ratio Lower Upper
105 100
120 47.0 37.5 56.3



#76
4-Chlorotoluene
Concen: 0.929 ug/l
RT: 11.094 min Scan# 3049
Delta R.T. 0.003 min
Lab File: VU059219.D
Acq: 12 Jun 2024 13:18

Tgt Ion:126 Resp: 11382
Ion Ratio Lower Upper
126 100
91 327.2 0.0 704.4





#77

tert-Butylbenzene

Concen: 0.888 ug/l

RT: 11.415 min Scan# 3149

Delta R.T. 0.000 min

Lab File: VU059219.D

Acq: 12 Jun 2024 13:18

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT2-2024

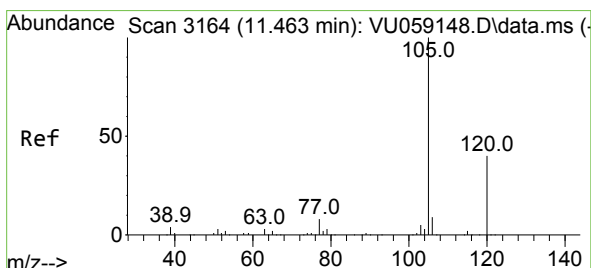
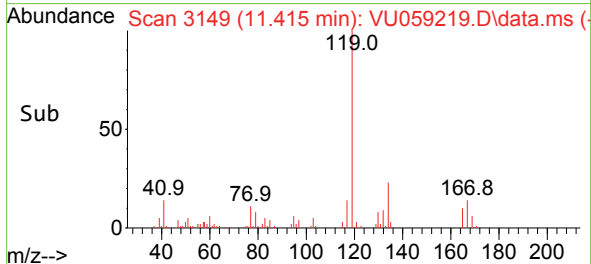
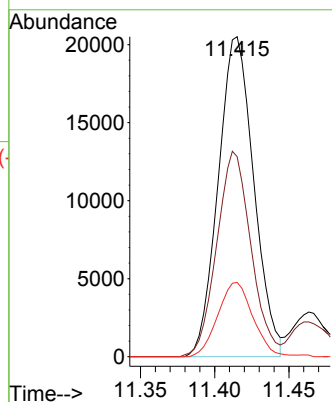
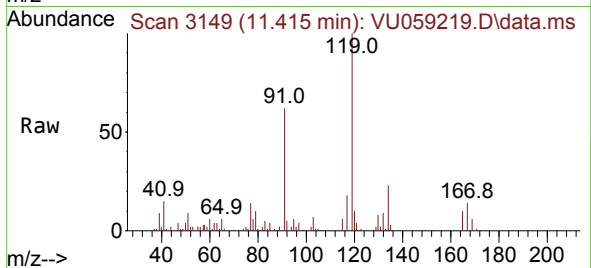
Tgt Ion:119 Resp: 34170

Ion Ratio Lower Upper

119 100

91 61.9 30.7 92.1

134 22.9 17.7 26.5



#78

1,2,4-Trimethylbenzene

Concen: 0.838 ug/l

RT: 11.463 min Scan# 3164

Delta R.T. 0.000 min

Lab File: VU059219.D

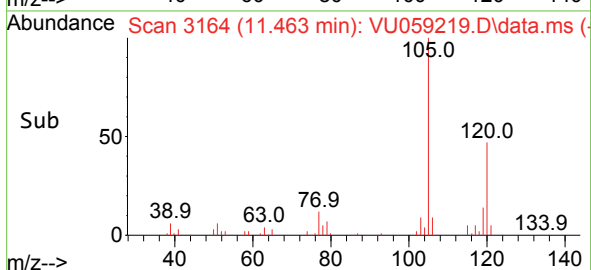
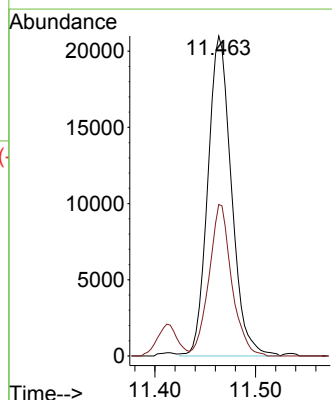
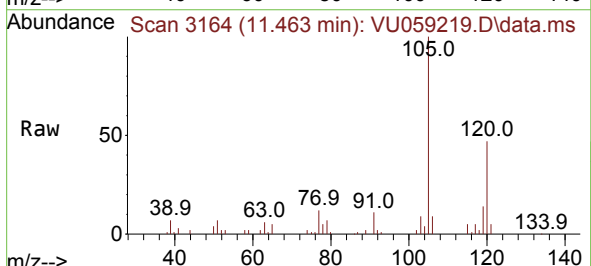
Acq: 12 Jun 2024 13:18

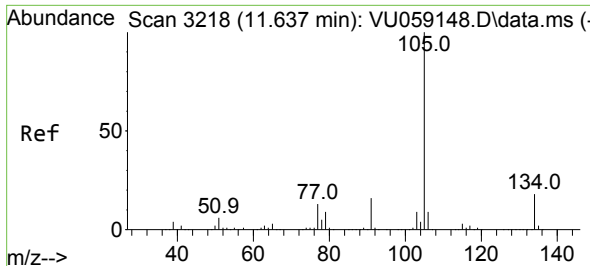
Tgt Ion:105 Resp: 34294

Ion Ratio Lower Upper

105 100

120 45.5 21.7 65.1

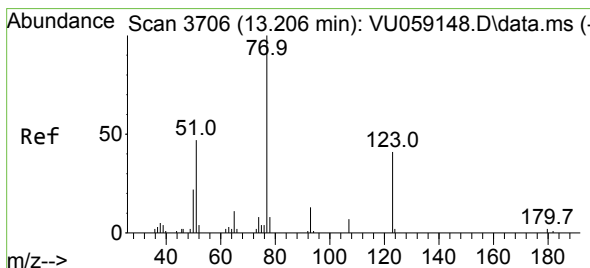
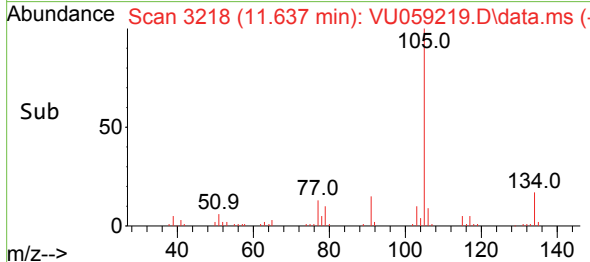
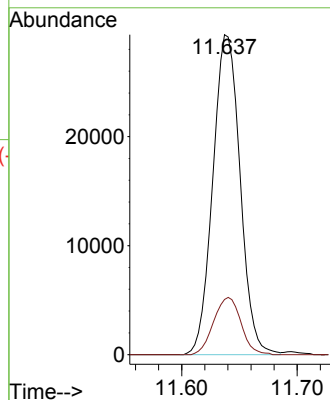
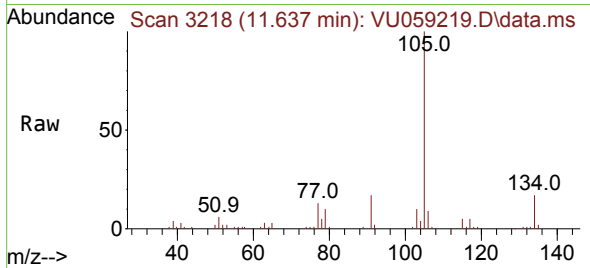




#79
 sec-Butylbenzene
 Concen: 0.901 ug/l
 RT: 11.637 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU059219.D
 Acq: 12 Jun 2024 13:18

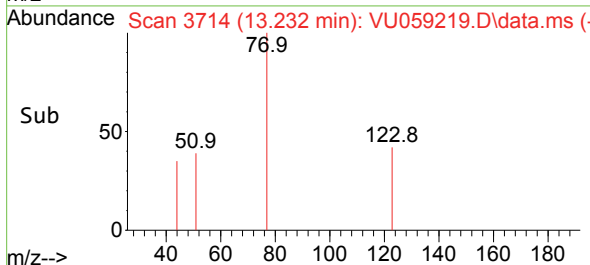
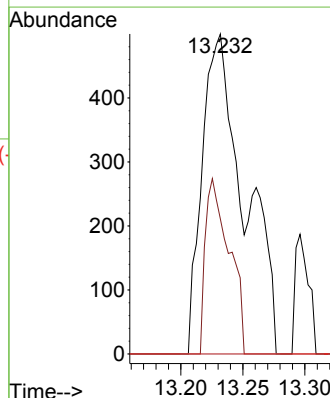
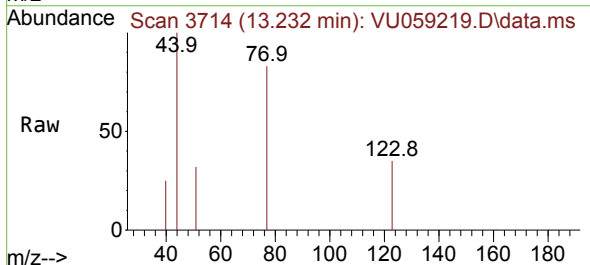
Instrument :
 MSVOA_U
 ClientSampleId :
 LOQ-WATER-02-QT2-2024

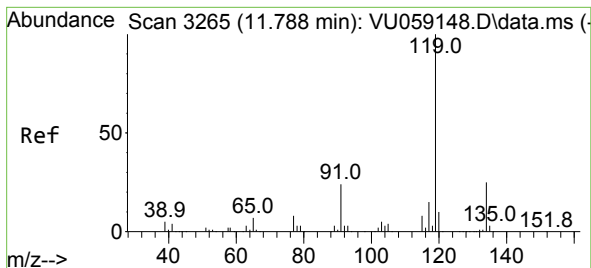
Tgt Ion:105 Resp: 48169
 Ion Ratio Lower Upper
 105 100
 134 18.0 14.5 21.7



#80
 Nitrobenzene
 Concen: 4.660 ug/l m
 RT: 13.232 min Scan# 3714
 Delta R.T. 0.026 min
 Lab File: VU059219.D
 Acq: 12 Jun 2024 13:18

Tgt Ion: 77 Resp: 1179
 Ion Ratio Lower Upper
 77 100
 123 31.0 18.3 64.7
 65 0.0 10.6 13.4#





#81

p-Isopropyltoluene

Concen: 0.862 ug/l

RT: 11.788 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU059219.D

Acq: 12 Jun 2024 13:18

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT2-2024

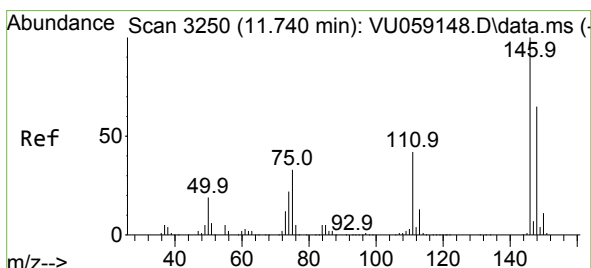
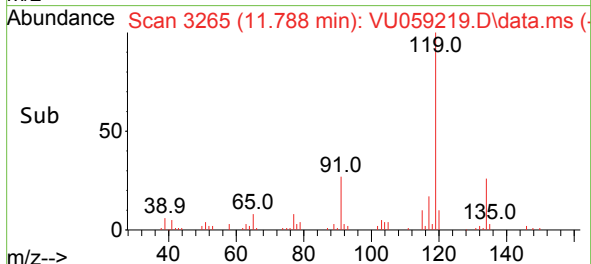
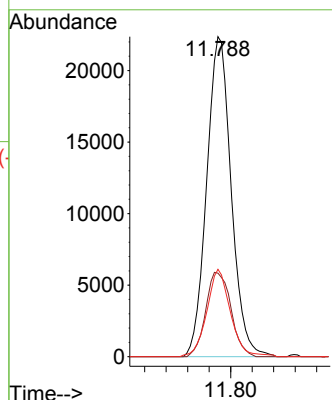
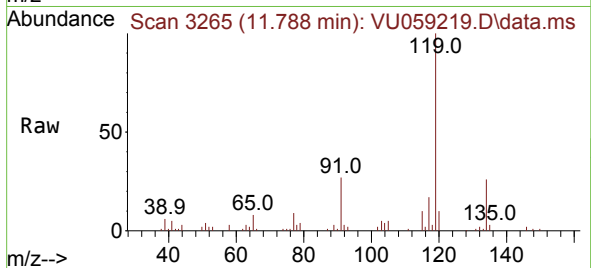
Tgt Ion:119 Resp: 35361

Ion Ratio Lower Upper

119 100

134 27.0 20.2 30.4

91 26.3 19.3 28.9



#82

1,3-Dichlorobenzene

Concen: 0.994 ug/l

RT: 11.743 min Scan# 3251

Delta R.T. 0.003 min

Lab File: VU059219.D

Acq: 12 Jun 2024 13:18

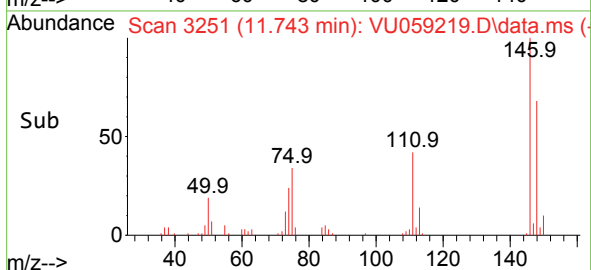
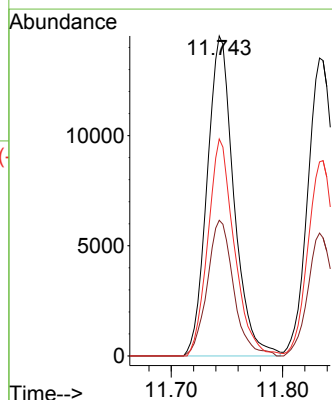
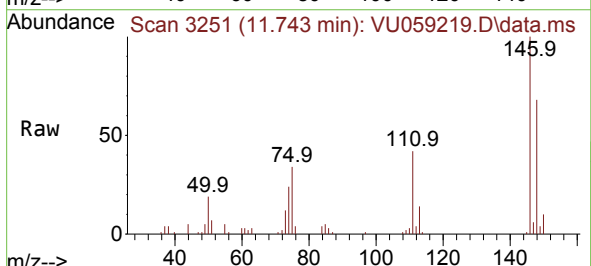
Tgt Ion:146 Resp: 24223

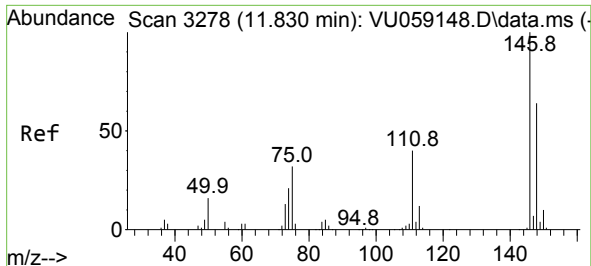
Ion Ratio Lower Upper

146 100

111 41.8 33.4 50.0

148 66.9 51.2 76.8

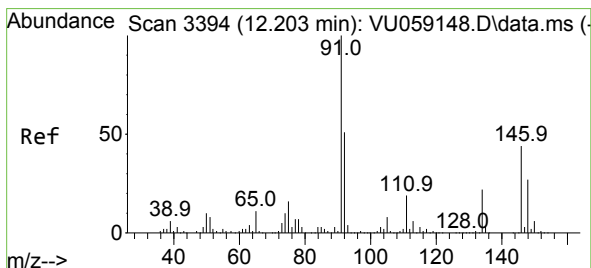
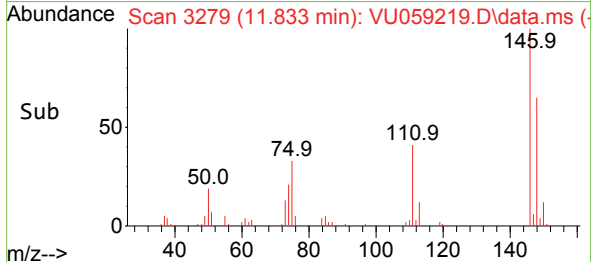
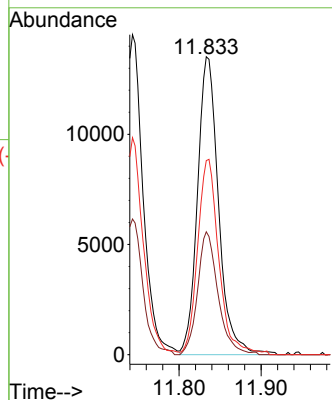
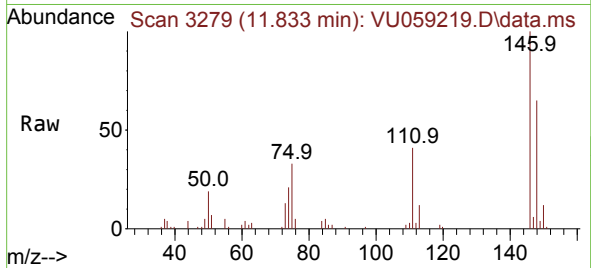




#83
1,4-Dichlorobenzene
Concen: 0.990 ug/l
RT: 11.833 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU059219.D
Acq: 12 Jun 2024 13:18

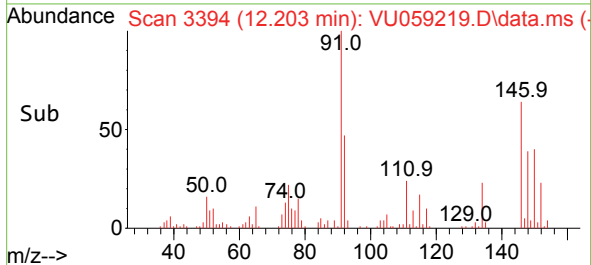
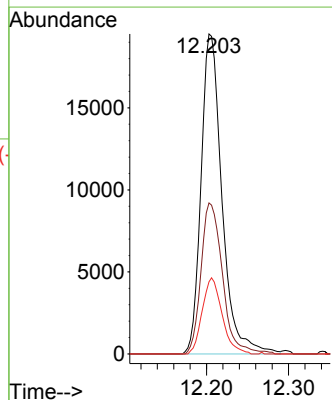
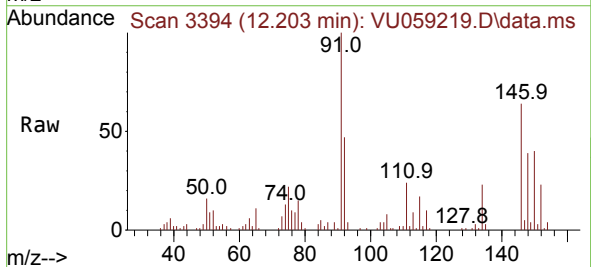
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2024

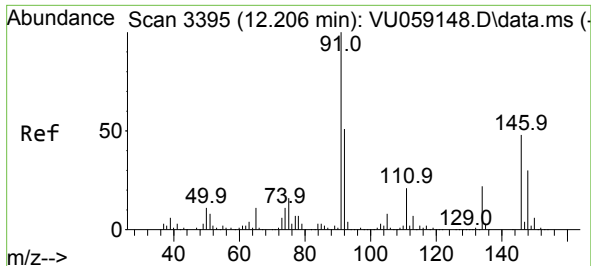
Tgt Ion:146 Resp: 24123
Ion Ratio Lower Upper
146 100
111 40.1 32.1 48.1
148 66.1 51.2 76.8



#84
n-Butylbenzene
Concen: 0.896 ug/l
RT: 12.203 min Scan# 3394
Delta R.T. 0.000 min
Lab File: VU059219.D
Acq: 12 Jun 2024 13:18

Tgt Ion: 91 Resp: 34581
Ion Ratio Lower Upper
91 100
92 48.5 40.7 61.1
134 22.5 17.6 26.4

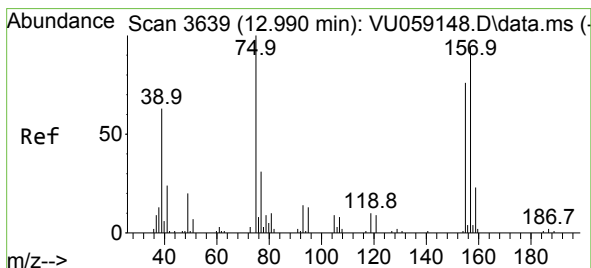
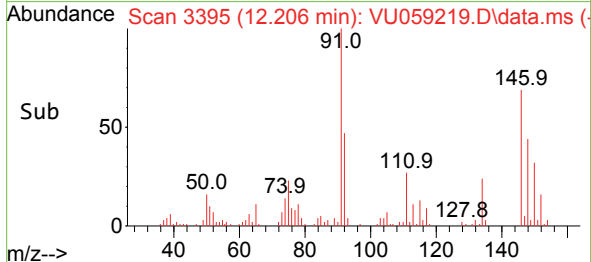
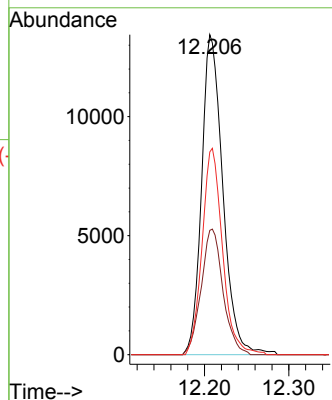
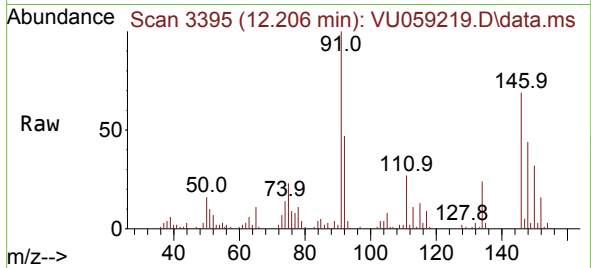




#85
 1,2-Dichlorobenzene
 Concen: 1.026 ug/l
 RT: 12.206 min Scan# 311
 Delta R.T. 0.000 min
 Lab File: VU059219.D
 Acq: 12 Jun 2024 13:18

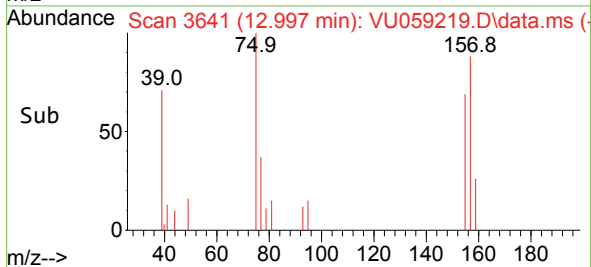
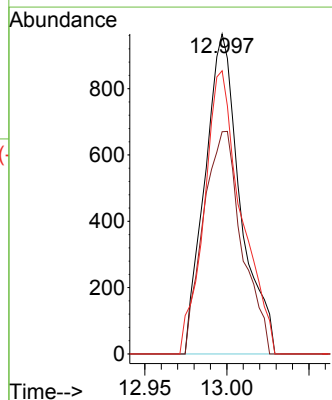
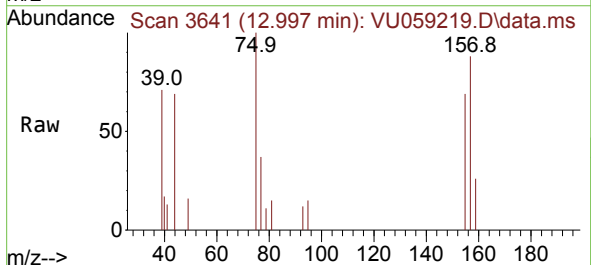
Instrument :
 MSVOA_U
 ClientSampleId :
 LOQ-WATER-02-QT2-2024

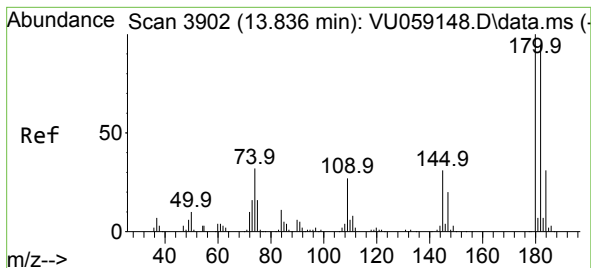
Tgt Ion:	146	Resp:	23587
Ion	Ratio	Lower	Upper
146	100		
111	40.3	21.8	65.3
148	62.1	31.3	93.9



#86
 1,2-Dibromo-3-Chloropropane
 Concen: 0.900 ug/l
 RT: 12.997 min Scan# 3641
 Delta R.T. 0.007 min
 Lab File: VU059219.D
 Acq: 12 Jun 2024 13:18

Tgt Ion:	75	Resp:	1447
Ion	Ratio	Lower	Upper
75	100		
155	75.5	61.2	91.8
157	92.7	75.8	113.6





#87

1,2,4-Trichlorobenzene

Concen: 1.026 ug/l

RT: 13.839 min Scan# 3903

Delta R.T. 0.003 min

Lab File: VU059219.D

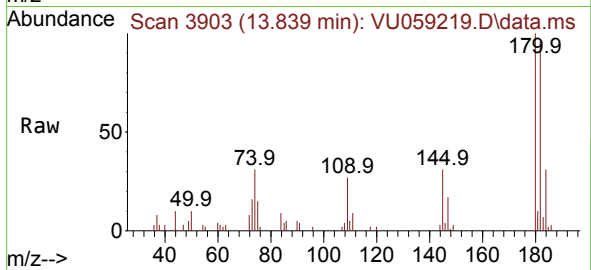
Acq: 12 Jun 2024 13:18

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT2-2024



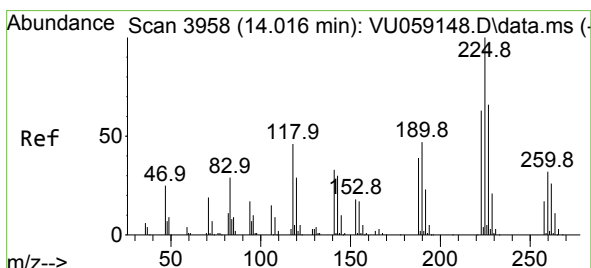
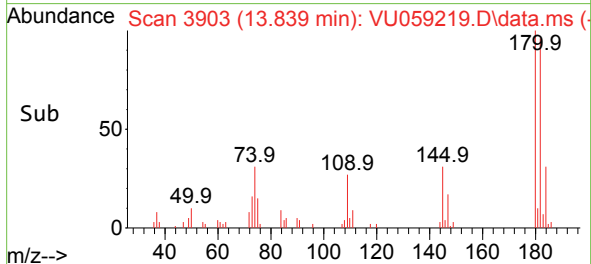
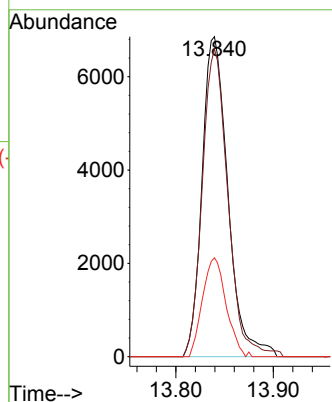
Tgt Ion:180 Resp: 12630

Ion Ratio Lower Upper

180 100

182 95.1 75.7 113.5

145 28.2 24.6 36.8



#88

Hexachlorobutadiene

Concen: 1.081 ug/l

RT: 14.013 min Scan# 3957

Delta R.T. -0.003 min

Lab File: VU059219.D

Acq: 12 Jun 2024 13:18

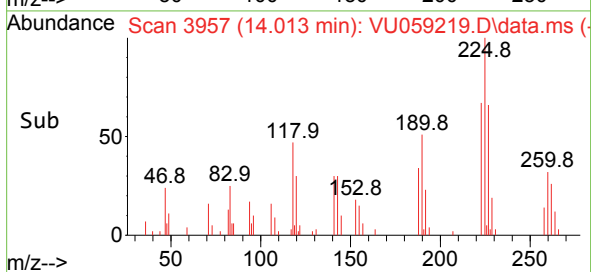
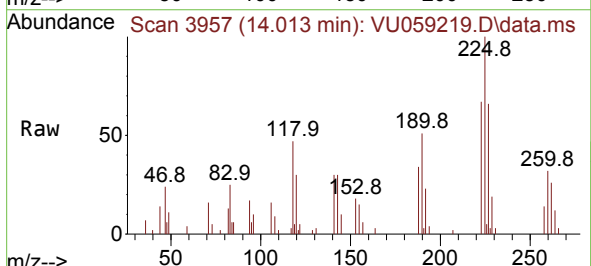
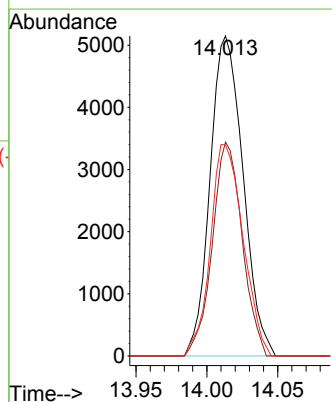
Tgt Ion:225 Resp: 8308

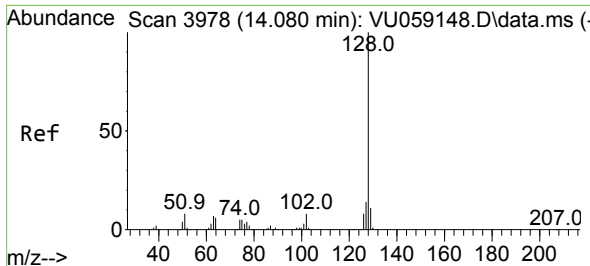
Ion Ratio Lower Upper

225 100

223 60.5 50.0 75.0

227 65.6 51.8 77.8

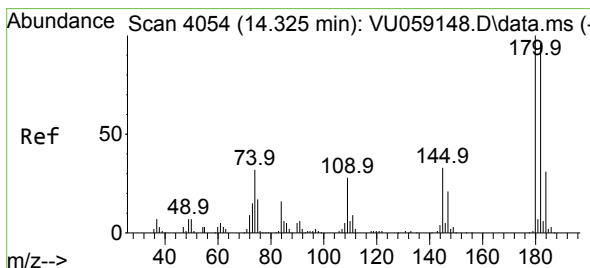
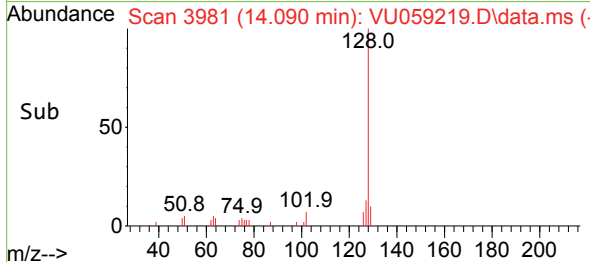
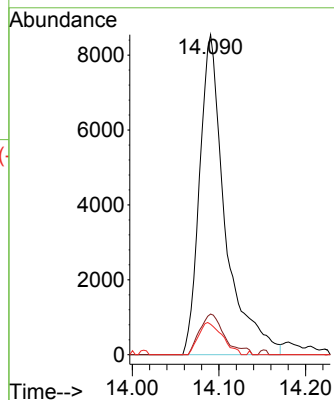
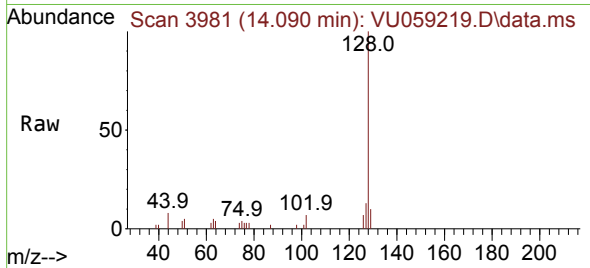




#89
Naphthalene
Concen: 0.876 ug/l
RT: 14.090 min Scan# 3978
Delta R.T. 0.010 min
Lab File: VU059219.D
Acq: 12 Jun 2024 13:18

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

Tgt Ion:128	Resp:	17555
Ion Ratio	Lower	Upper
128	100	
127	12.3	10.7 16.1
129	9.4	8.4 12.6



#90
1,2,3-Trichlorobenzene
Concen: 0.965 ug/l
RT: 14.328 min Scan# 4055
Delta R.T. 0.003 min
Lab File: VU059219.D
Acq: 12 Jun 2024 13:18

Tgt Ion:180	Resp:	10798
Ion Ratio	Lower	Upper
180	100	
182	99.0	76.3 114.5
145	32.7	26.5 39.7

