

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070722\
 Data File : VU049651.D
 Acq On : 07 Jul 2022 14:03
 Operator : SY/MD
 Sample : N3214-08 0.5PPB
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 LOQ-WATER-02-QT2-2022

Quant Time: Jul 08 07:23:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U070622DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Fri Jul 08 07:22:07 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.112	96	39925	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.632	95	14254	0.975	ug/l	0.00
Spiked Amount 1.000			Recovery	=	97.000%	
68) 1,2-Dichlorobenzene-d4	12.195	152	14734	1.094	ug/l	0.00
Spiked Amount 1.000			Recovery	=	109.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	6087	0.398	ug/l	93
3) Chloromethane	1.530	50	7249	0.464	ug/l	100
4) Vinyl Chloride	1.604	62	6229	0.437	ug/l	99
5) Bromomethane	1.858	94	3593	0.483	ug/l	88
6) Chloroethane	1.935	64	3596	0.450	ug/l	97
7) Trichlorofluoromethane	2.141	101	7637	0.447	ug/l	95
8) 1,1,2-Trichloro-1,2,2-...	2.585	101	3909	0.435	ug/l	97
9) 1,1-Dichloroethene	2.581	96	3807	0.421	ug/l	95
10) Iodomethane	2.723	142	2754	0.240	ug/l	92
11) Allyl Chloride	2.925	41	6997	0.453	ug/l	89
12) Acrylonitrile	3.330	53	2164	0.894	ug/l	96
13) Acetone	2.655	43	5030	2.634	ug/l	91
14) Carbon Disulfide	2.794	76	12505	0.420	ug/l	# 91
15) Methylene Chloride	3.048	84	12680	1.119	ug/l	97
16) trans-1,2-Dichloroethene	3.350	96	3959	0.416	ug/l	98
17) 1,1-Dichloroethane	3.867	63	8236	0.419	ug/l	99
18) 2-Butanone	4.739	43	7093	2.179	ug/l	95
19) Cyclohexane	5.379	56	6661	0.355	ug/l	88
20) Methylcyclohexane	6.758	83	6810	0.368	ug/l	98
21) 2,2-Dichloropropane	4.658	77	7443	0.463	ug/l	93
22) cis-1,2-Dichloroethene	4.665	96	4571	0.390	ug/l	96
23) Diethyl Ether	2.379	59	3243	0.421	ug/l	93
24) tert-Butyl Alcohol	3.195	59	512	0.582	ug/l	# 73
25) Methyl tert-Butyl Ether	3.375	73	10375	0.410	ug/l	# 87
26) Bromochloromethane	4.970	128	2191	0.444	ug/l	93
27) Chloroform	5.092	83	8406	0.435	ug/l	95
28) 1,1,1-Trichloroethane	5.311	97	6861	0.402	ug/l	96
29) 1,1-Dichloropropene	5.520	75	6087	0.400	ug/l	96
30) Carbon Tetrachloride	5.517	117	6348	0.442	ug/l	98
31) Isopropyl Ether	4.009	45	12916	0.383	ug/l	98
32) Ethyl-t-butyl ether	4.517	59	12876	0.404	ug/l	95
33) Tert-Amyl methyl ether	5.954	73	10840	0.391	ug/l	97
34) Propionitrile	4.803	54	2402	2.573	ug/l	# 86
35) Benzene	5.771	78	18086	0.417	ug/l	99
36) 1,2-Dichloroethane	5.800	62	5595	0.453	ug/l	100
37) Trichloroethene	6.543	130	4364	0.398	ug/l	99
38) 1,2-Dichloropropane	6.797	63	4957	0.431	ug/l	93
39) Methacrylonitrile	4.999	41	2072	0.518	ug/l	# 86
40) Methyl acrylate	4.858	55	3088	0.493	ug/l	# 76
41) Tetrahydrofuran	5.086	42	2293	0.970	ug/l	# 84
42) 1-Chlorobutane	5.456	56	8395	0.393	ug/l	93
43) Dibromomethane	6.922	93	2456	0.429	ug/l	90
44) Bromodichloromethane	7.108	83	5622	0.410	ug/l	92

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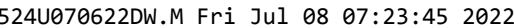
Instrument :
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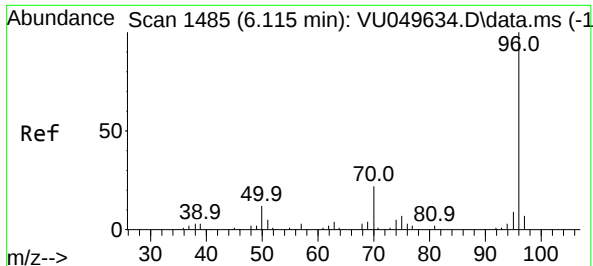
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U070622DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Fri Jul 08 07:22:07 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.806	43	15769	2.029	ug/l	96
46) t-1,4-Dichloro-2-butene	10.829	75	4847	1.916	ug/l #	52
47) Methyl methacrylate	6.977	69	4285	0.742	ug/l #	89
48) Ethyl methacrylate	8.343	69	4252	0.367	ug/l	100
49) Toluene	7.967	92	10331	0.390	ug/l	98
50) t-1,3-Dichloropropene	8.215	75	4904	0.370	ug/l	95
51) cis-1,3-Dichloropropene	7.613	75	5997	0.382	ug/l	95
52) 1,1,2-Trichloroethane	8.404	97	3648	0.462	ug/l	97
53) 1,3-Dichloropropane	8.581	76	5683	0.401	ug/l	99
54) 2-Hexanone	8.697	43	10793	1.999	ug/l	97
55) Dibromochloromethane	8.813	129	3752	0.416	ug/l	100
56) 1,2-Dibromoethane	8.928	107	3259	0.426	ug/l	97
58) Tetrachloroethene	8.552	164	3513	0.385	ug/l #	88
59) Chlorobenzene	9.449	112	11047	0.398	ug/l	97
60) 1,1,1,2-Tetrachloroethane	9.536	131	3694	0.374	ug/l	95
61) Pentachloroethane	11.433	117	3092	0.408	ug/l	91
62) Hexachloroethane	12.478	117	2904	0.383	ug/l	95
63) Ethyl Benzene	9.568	91	18486	0.370	ug/l	99
64) m/p-Xylenes	9.694	106	13323	0.722	ug/l	99
65) o-Xylene	10.102	106	6488	0.357	ug/l	95
66) Styrene	10.115	104	10432	0.358	ug/l	98
67) Bromoform	10.292	173	1857	0.360	ug/l #	81
69) Isopropylbenzene	10.485	105	17744	0.366	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.784	83	4244	0.413	ug/l	95
71) 1,2,3-Trichloropropane	10.829	75	4847	0.570	ug/l	57
72) Bromobenzene	10.784	156	4277	0.392	ug/l	96
73) n-propylbenzene	10.906	120	4470	0.365	ug/l	93
74) 2-Chlorotoluene	10.986	126	4045	0.371	ug/l	81
75) 1,3,5-Trimethylbenzene	11.089	105	13449	0.332	ug/l	99
76) 4-Chlorotoluene	11.102	126	4105	0.375	ug/l	93
77) tert-Butylbenzene	11.420	119	14844	0.372	ug/l	97
78) 1,2,4-Trimethylbenzene	11.468	105	14317	0.352	ug/l	95
79) sec-Butylbenzene	11.645	105	18455	0.353	ug/l	100
80) Nitrobenzene	13.221	77	932	2.219	ug/l #	85
81) p-Isopropyltoluene	11.793	119	15210	0.358	ug/l	97
82) 1,3-Dichlorobenzene	11.745	146	8964	0.424	ug/l	99
83) 1,4-Dichlorobenzene	11.835	146	9493	0.445	ug/l	97
84) n-Butylbenzene	12.208	91	14811	0.375	ug/l	96
85) 1,2-Dichlorobenzene	12.214	146	8442	0.412	ug/l	95
86) 1,2-Dibromo-3-Chloropr...	13.002	75	644	0.360	ug/l	97
87) 1,2,4-Trichlorobenzene	13.841	180	6327	0.458	ug/l	95
88) Hexachlorobutadiene	14.021	225	3285	0.467	ug/l	93
89) Naphthalene	14.092	128	13663	0.472	ug/l	97
90) 1,2,3-Trichlorobenzene	14.333	180	6034	0.458	ug/l	98

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

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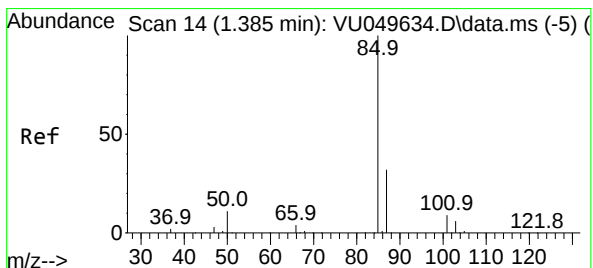
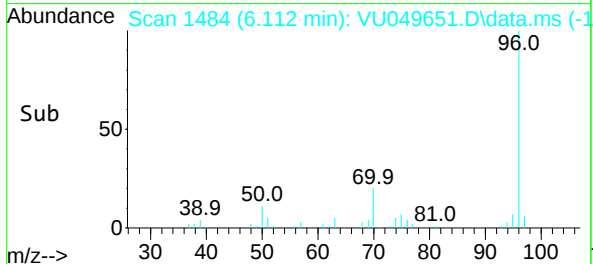
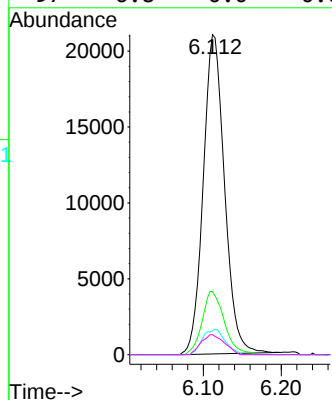
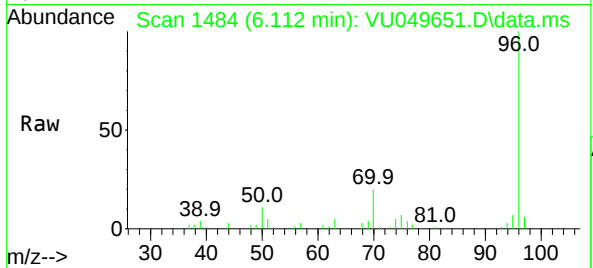




#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.112 min Scan# 14
Delta R.T. -0.003 min
Lab File: VU049651.D
Acq: 07 Jul 2022 14:03

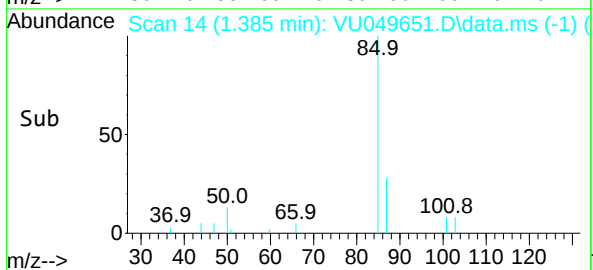
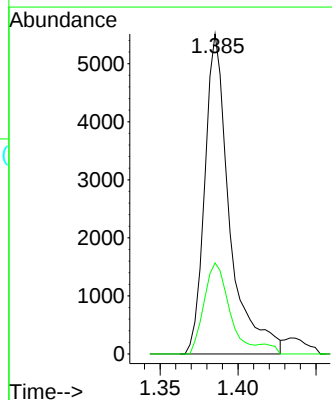
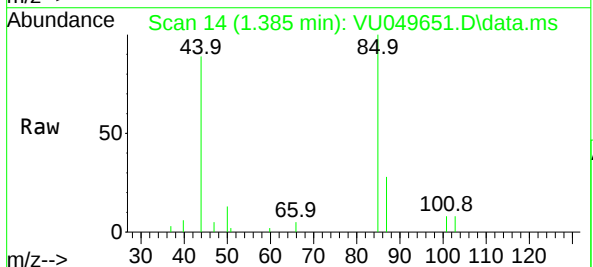
Instrument :
MSVOA_U
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LOQ-WATER-02-QT2-2022

Tgt Ion: 96	Resp: 39925
Ion Ratio	Lower Upper
96 100	
70 20.6	16.7 25.1
95 8.5	7.4 11.0
97 6.8	0.0 0.0



#2
Dichlorodifluoromethane
Concen: 0.398 ug/l
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU049651.D
Acq: 07 Jul 2022 14:03

Tgt Ion: 85	Resp: 6087
Ion Ratio	Lower Upper
85 100	
87 28.5	16.3 48.8

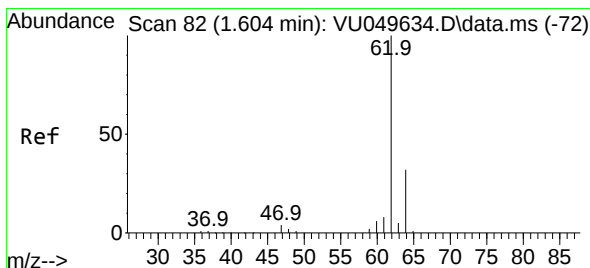
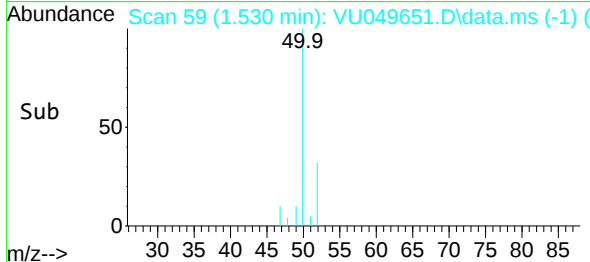
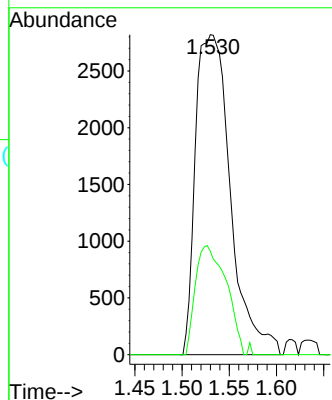
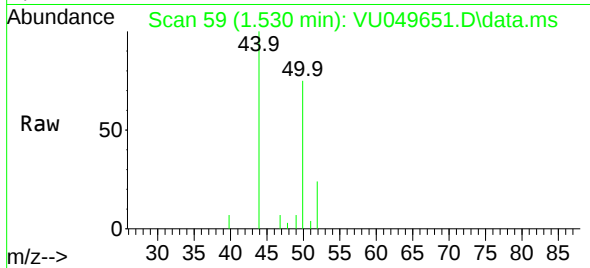




#3
Chloromethane
Concen: 0.464 ug/l
RT: 1.530 min Scan# 58
Delta R.T. 0.003 min
Lab File: VU049651.D
Acq: 07 Jul 2022 14:03

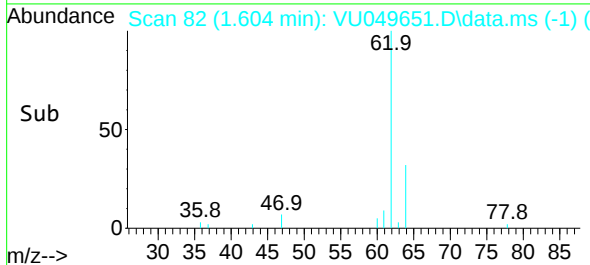
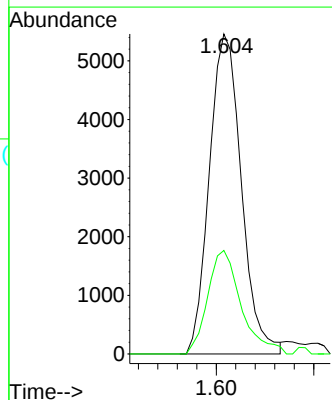
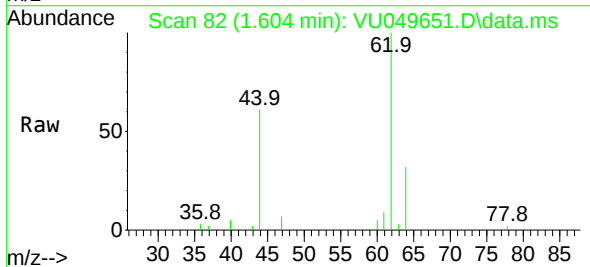
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ClientSampleId :
LOQ-WATER-02-QT2-2022

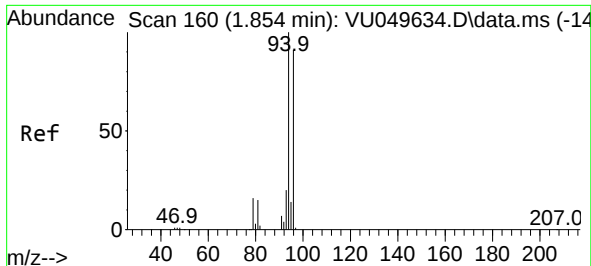
Tgt Ion: 50 Resp: 7249
Ion Ratio Lower Upper
50 100
52 32.3 26.1 39.1



#4
Vinyl Chloride
Concen: 0.437 ug/l
RT: 1.604 min Scan# 82
Delta R.T. 0.000 min
Lab File: VU049651.D
Acq: 07 Jul 2022 14:03

Tgt Ion: 62 Resp: 6229
Ion Ratio Lower Upper
62 100
64 32.4 25.5 38.3

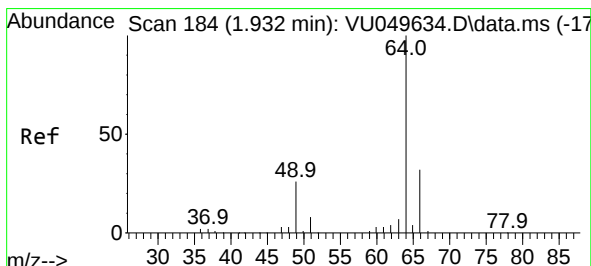
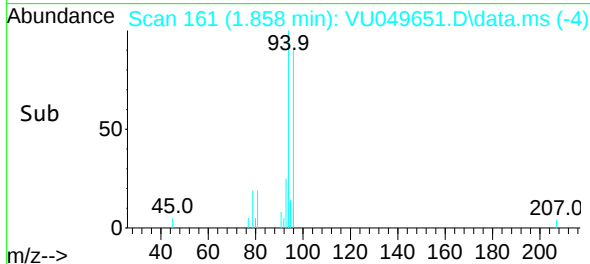
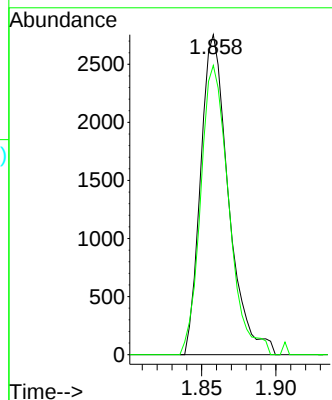
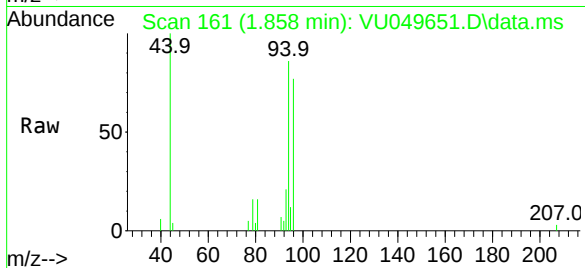




#5
Bromomethane
Concen: 0.483 ug/l
RT: 1.858 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU049651.D
Acq: 07 Jul 2022 14:03

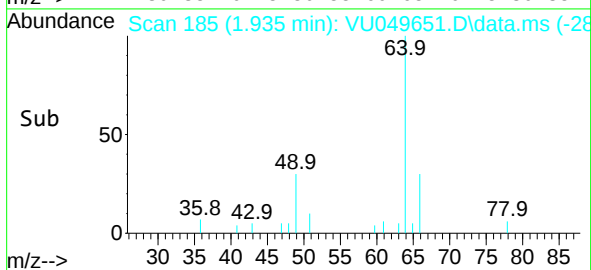
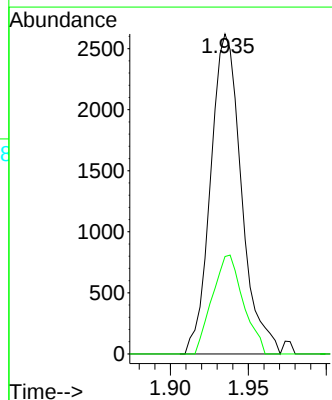
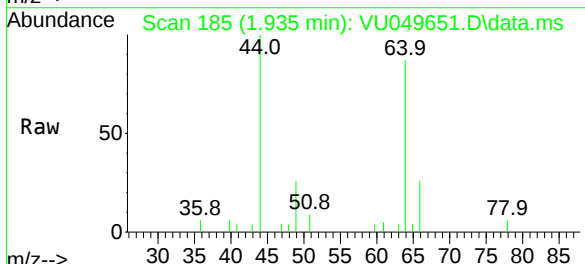
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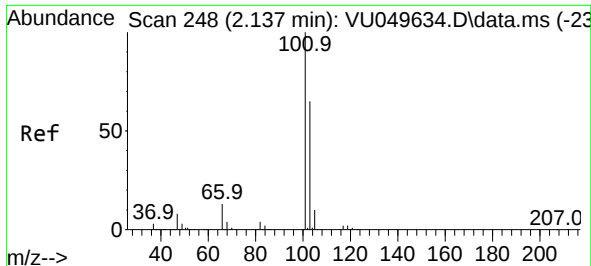
Tgt Ion: 94 Resp: 3593
Ion Ratio Lower Upper
94 100
96 79.6 73.0 109.6



#6
Chloroethane
Concen: 0.450 ug/l
RT: 1.935 min Scan# 185
Delta R.T. 0.003 min
Lab File: VU049651.D
Acq: 07 Jul 2022 14:03

Tgt Ion: 64 Resp: 3596
Ion Ratio Lower Upper
64 100
66 30.5 25.8 38.6

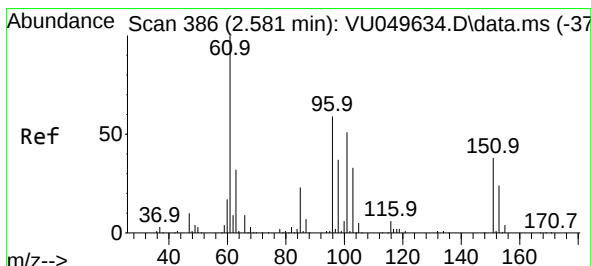
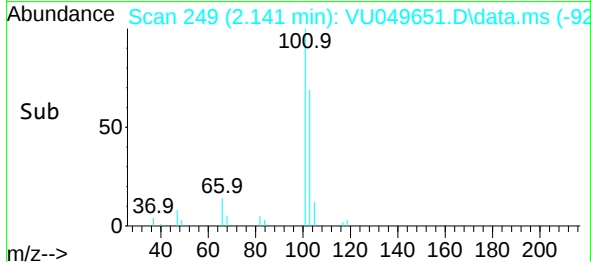
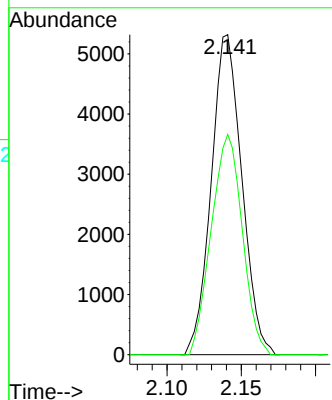
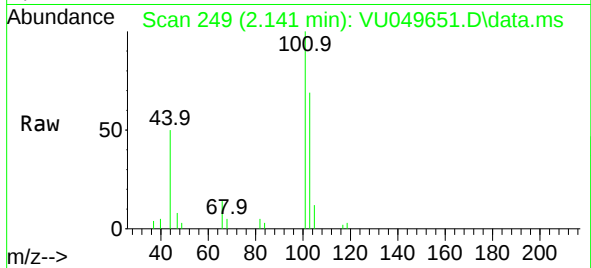




#7
 Trichlorofluoromethane
 Concen: 0.447 ug/l
 RT: 2.141 min Scan# 248
 Delta R.T. 0.003 min
 Lab File: VU049651.D
 Acq: 07 Jul 2022 14:03

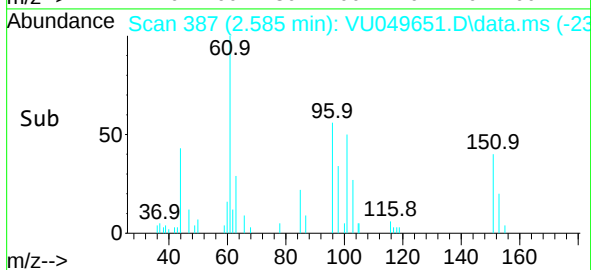
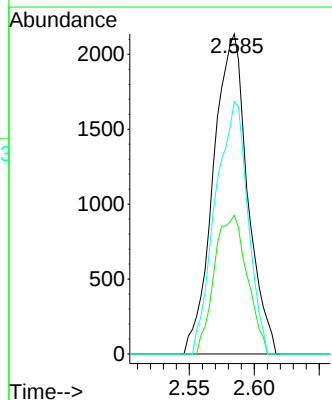
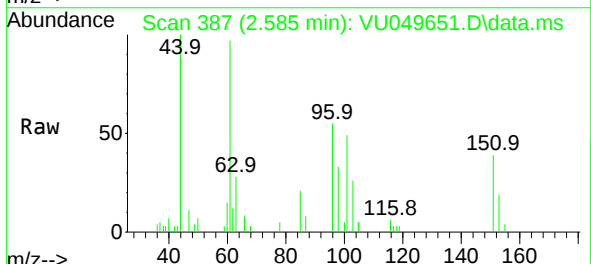
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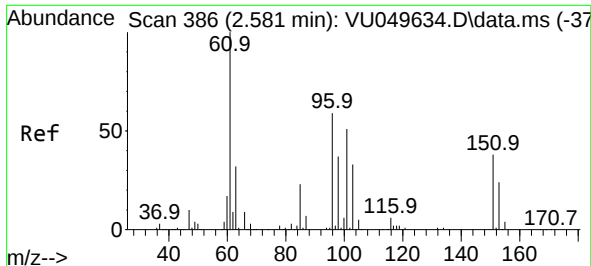
Tgt Ion:101 Resp: 7637
 Ion Ratio Lower Upper
 101 100
 103 68.9 51.8 77.6



#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.435 ug/l
 RT: 2.585 min Scan# 387
 Delta R.T. 0.003 min
 Lab File: VU049651.D
 Acq: 07 Jul 2022 14:03

Tgt Ion:101 Resp: 3909
 Ion Ratio Lower Upper
 101 100
 85 41.5 36.4 54.6
 151 74.7 59.1 88.7

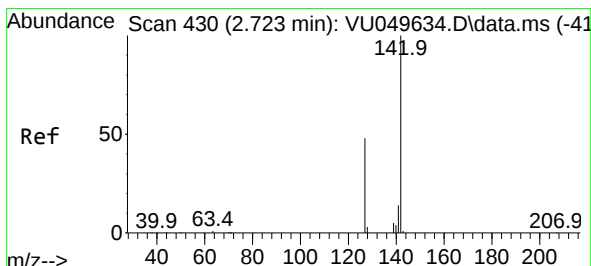
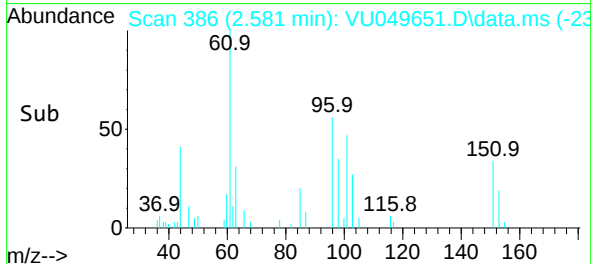
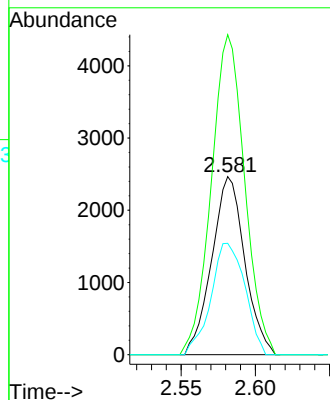
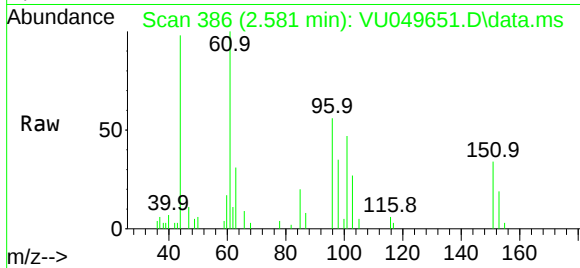




#9
1,1-Dichloroethene
Concen: 0.421 ug/l
RT: 2.581 min Scan# 386
Delta R.T. 0.000 min
Lab File: VU049651.D
Acq: 07 Jul 2022 14:03

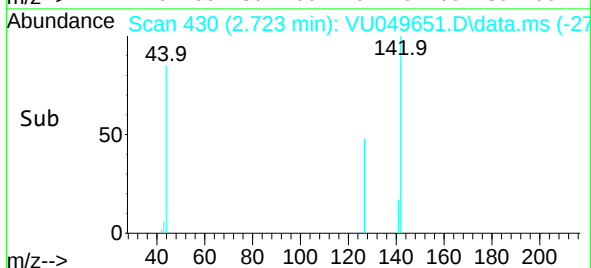
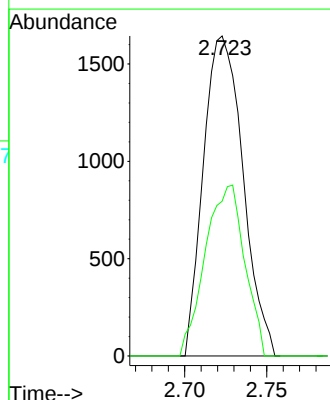
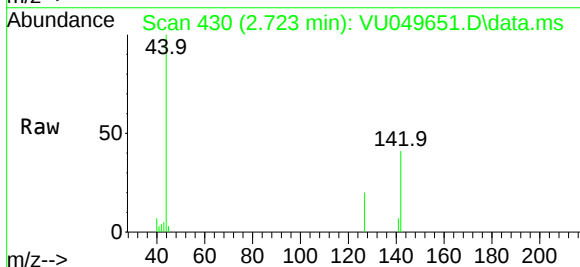
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ClientSampleId :
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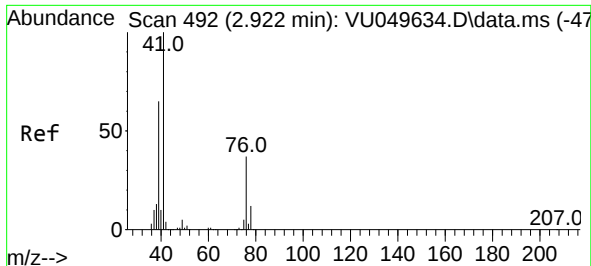
Tgt Ion: 96 Resp: 3807
Ion Ratio Lower Upper
96 100
61 179.7 0.0 510.6
98 62.6 0.0 124.6



#10
Iodomethane
Concen: 0.240 ug/l
RT: 2.723 min Scan# 430
Delta R.T. 0.000 min
Lab File: VU049651.D
Acq: 07 Jul 2022 14:03

Tgt Ion: 142 Resp: 2754
Ion Ratio Lower Upper
142 100
127 53.2 38.2 57.2





#11

Allyl Chloride

Concen: 0.453 ug/l

RT: 2.925 min Scan# 492

Delta R.T. 0.003 min

Lab File: VU049651.D

Acq: 07 Jul 2022 14:03

Instrument :

MSVOA_U

ClientSampleId :

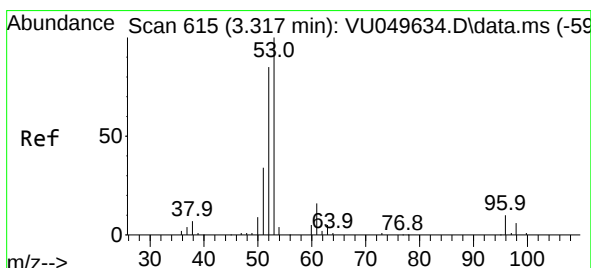
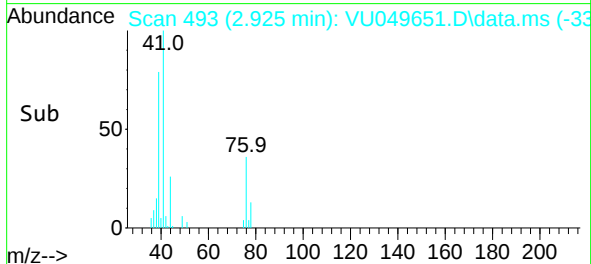
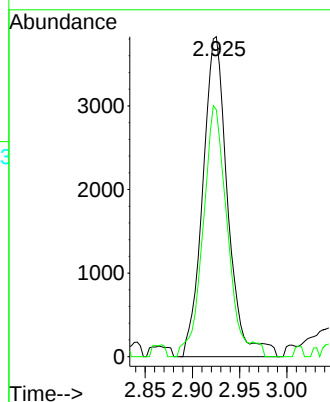
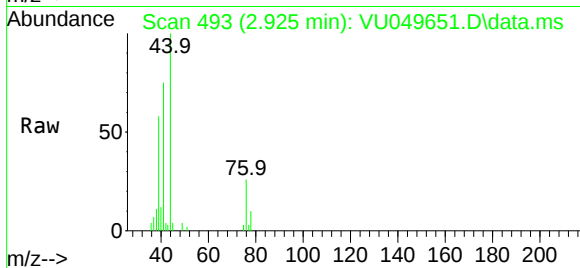
LOQ-WATER-02-QT2-2022

Tgt Ion: 41 Resp: 6997

Ion Ratio Lower Upper

41 100

39 75.0 53.2 79.8



#12

Acrylonitrile

Concen: 0.894 ug/l

RT: 3.330 min Scan# 619

Delta R.T. 0.013 min

Lab File: VU049651.D

Acq: 07 Jul 2022 14:03

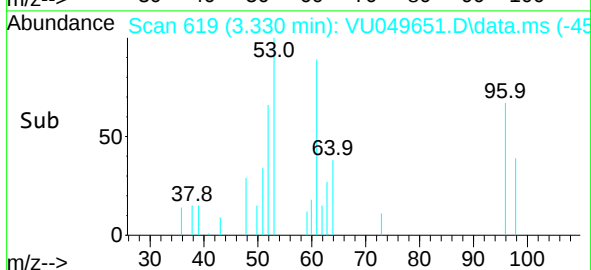
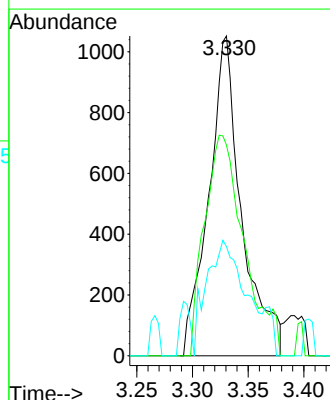
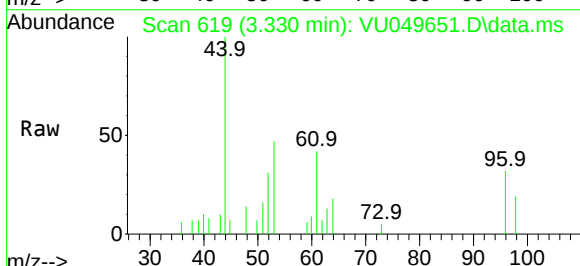
Tgt Ion: 53 Resp: 2164

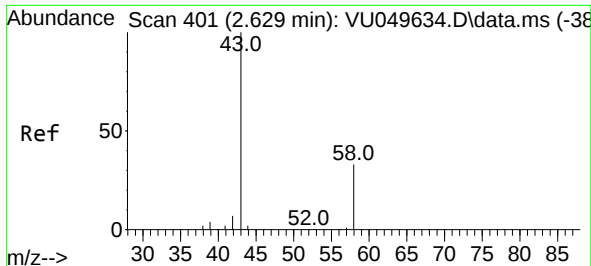
Ion Ratio Lower Upper

53 100

52 82.9 64.6 97.0

51 42.2 30.7 46.1





#13

Acetone

Concen: 2.634 ug/l

RT: 2.655 min Scan# 409

Delta R.T. 0.026 min

Lab File: VU049651.D

Acq: 07 Jul 2022 14:03

Instrument :

MSVOA_U

ClientSampleId :

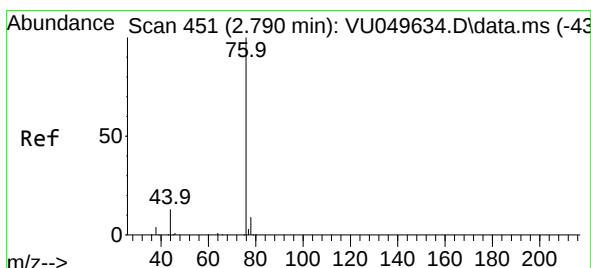
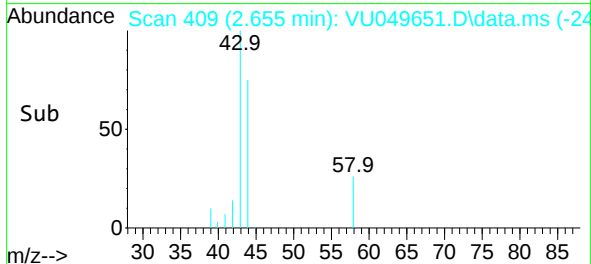
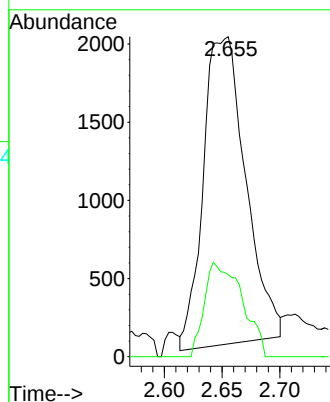
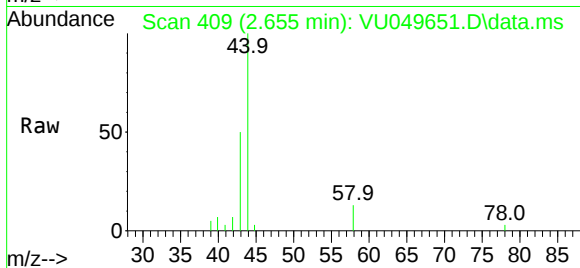
LOQ-WATER-02-QT2-2022

Tgt Ion: 43 Resp: 5030

Ion Ratio Lower Upper

43 100

58 27.4 26.2 39.2



#14

Carbon Disulfide

Concen: 0.420 ug/l

RT: 2.794 min Scan# 452

Delta R.T. 0.003 min

Lab File: VU049651.D

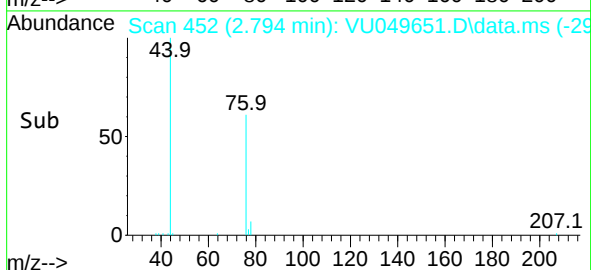
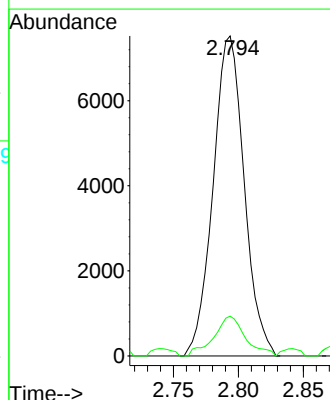
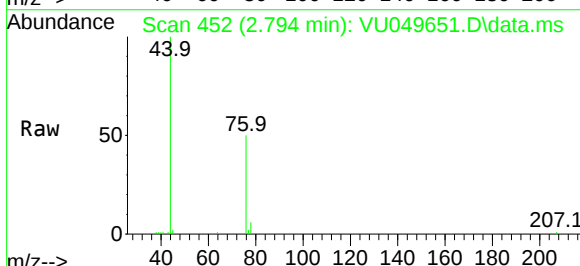
Acq: 07 Jul 2022 14:03

Tgt Ion: 76 Resp: 12505

Ion Ratio Lower Upper

76 100

78 12.4 7.4 11.0#

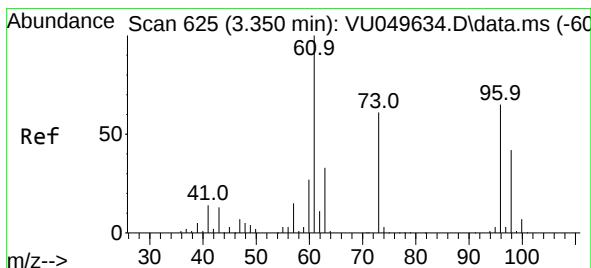
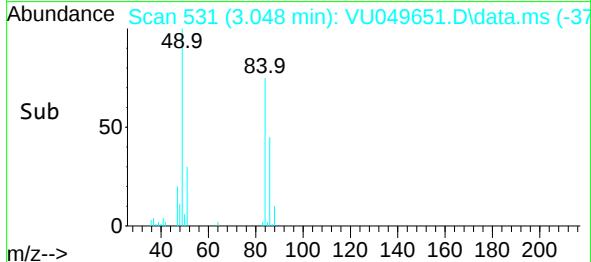
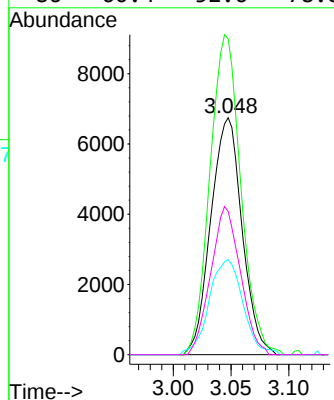
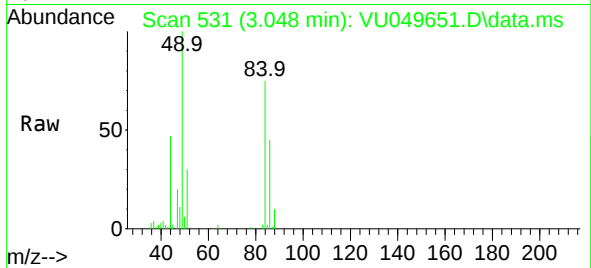




#15
Methylene Chloride
Concen: 1.119 ug/l
RT: 3.048 min Scan# 51
Delta R.T. 0.003 min
Lab File: VU049651.D
Acq: 07 Jul 2022 14:03

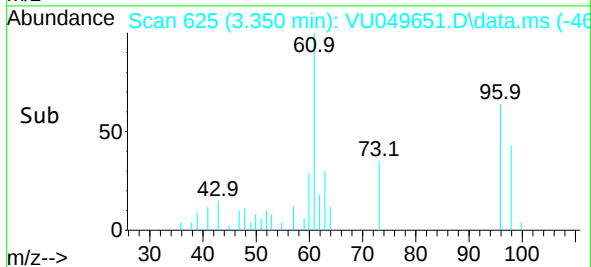
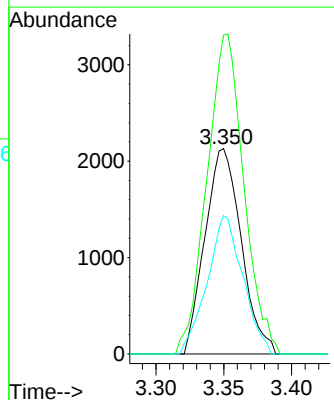
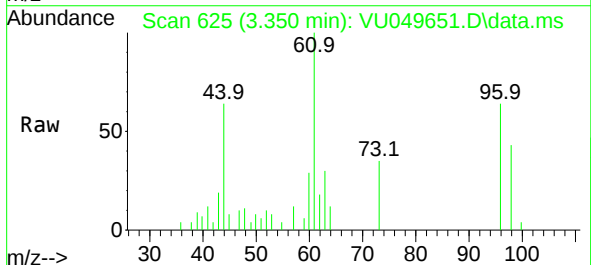
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2022

Tgt Ion:	84	Resp:	12680
Ion	Ratio	Lower	Upper
84	100		
49	133.4	104.6	157.0
51	40.1	0.0	81.4
86	60.4	52.6	78.8



#16
trans-1,2-Dichloroethene
Concen: 0.416 ug/l
RT: 3.350 min Scan# 625
Delta R.T. 0.000 min
Lab File: VU049651.D
Acq: 07 Jul 2022 14:03

Tgt Ion:	96	Resp:	3959
Ion	Ratio	Lower	Upper
96	100		
61	155.1	123.4	185.0
98	67.4	51.6	77.4

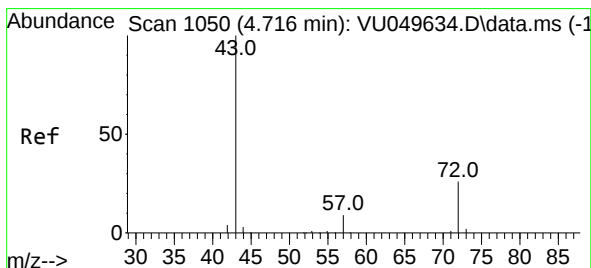
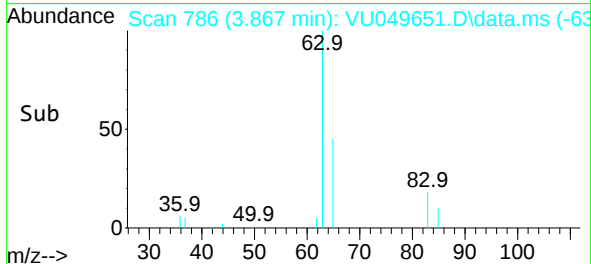
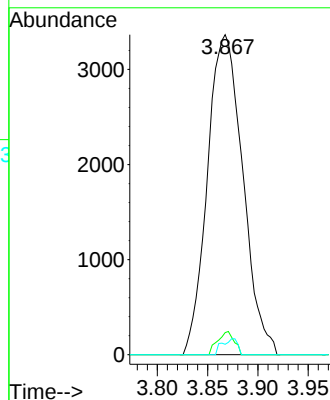
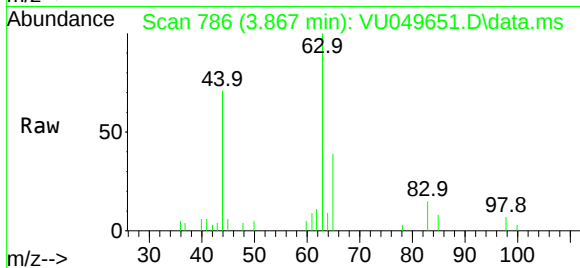




#17
1,1-Dichloroethane
Concen: 0.419 ug/l
RT: 3.867 min Scan# 71
Delta R.T. 0.000 min
Lab File: VU049651.D
Acq: 07 Jul 2022 14:03

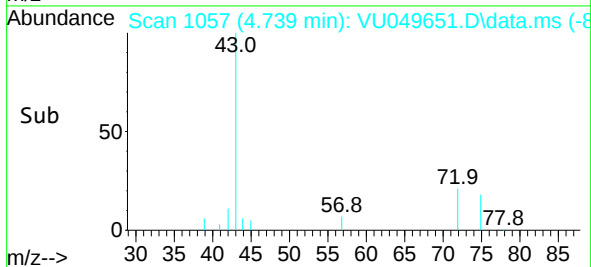
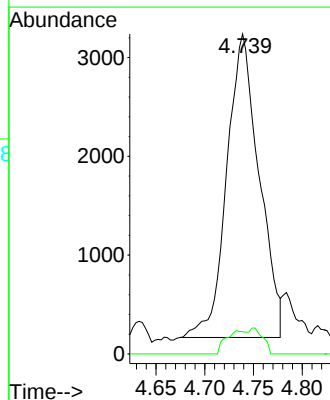
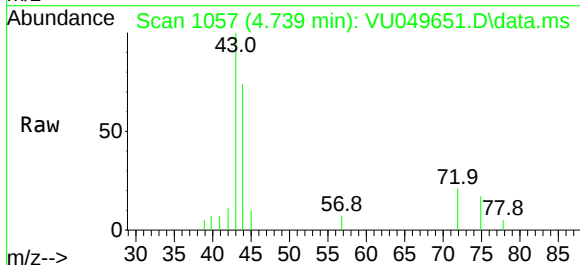
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2022

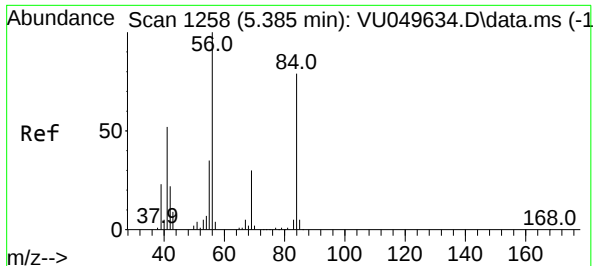
Tgt Ion: 63 Resp: 8236
Ion Ratio Lower Upper
63 100
98 6.9 3.4 10.2
100 3.2 2.0 6.0



#18
2-Butanone
Concen: 2.179 ug/l
RT: 4.739 min Scan# 1057
Delta R.T. 0.023 min
Lab File: VU049651.D
Acq: 07 Jul 2022 14:03

Tgt Ion: 43 Resp: 7093
Ion Ratio Lower Upper
43 100
57 7.3 0.0 18.0





#19

Cyclohexane

Concen: 0.355 ug/l

RT: 5.379 min Scan# 11

Delta R.T. -0.006 min

Lab File: VU049651.D

Acq: 07 Jul 2022 14:03

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT2-2022

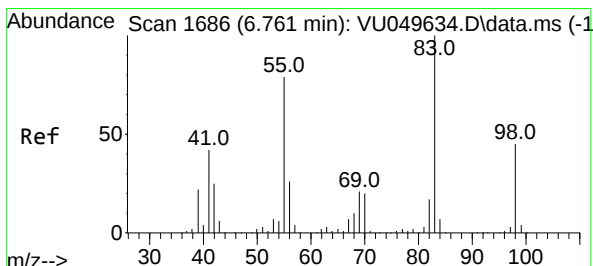
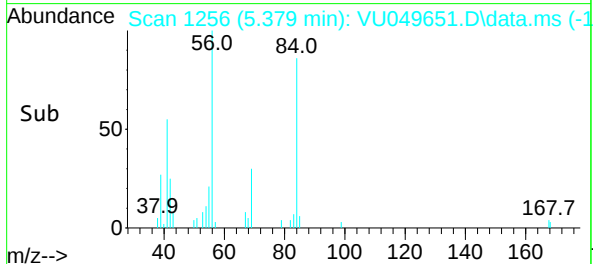
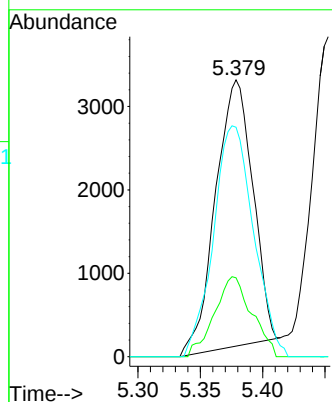
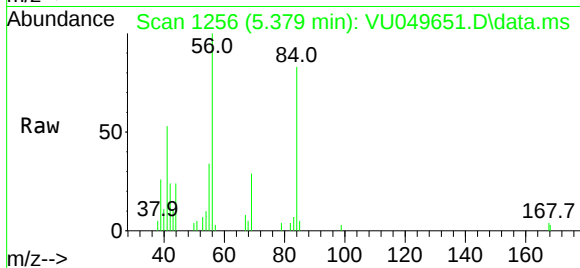
Tgt Ion: 56 Resp: 6661

Ion Ratio Lower Upper

56 100

69 30.1 24.2 36.4

84 93.2 63.4 95.2



#20

Methylcyclohexane

Concen: 0.368 ug/l

RT: 6.758 min Scan# 1685

Delta R.T. -0.003 min

Lab File: VU049651.D

Acq: 07 Jul 2022 14:03

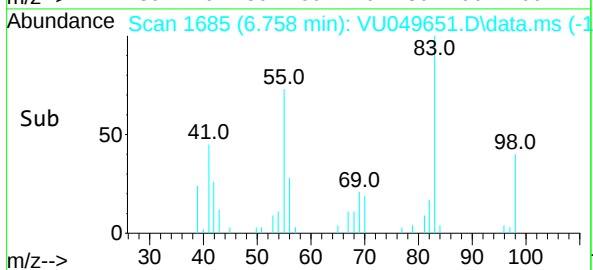
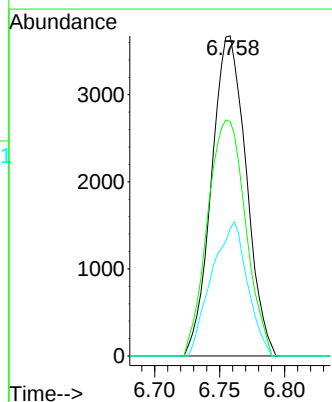
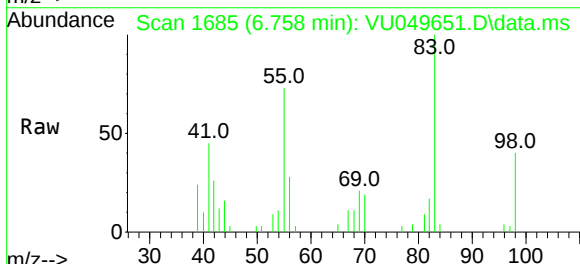
Tgt Ion: 83 Resp: 6810

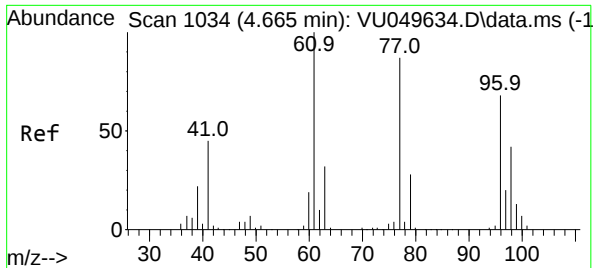
Ion Ratio Lower Upper

83 100

55 80.9 63.0 94.4

98 43.2 35.7 53.5





#21

2,2-Dichloropropane

Concen: 0.463 ug/l

RT: 4.658 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VU049651.D

Acq: 07 Jul 2022 14:03

Instrument :

MSVOA_U

ClientSampleId :

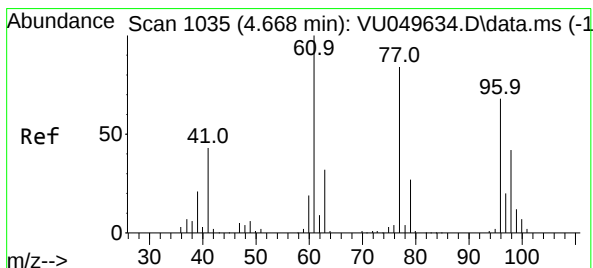
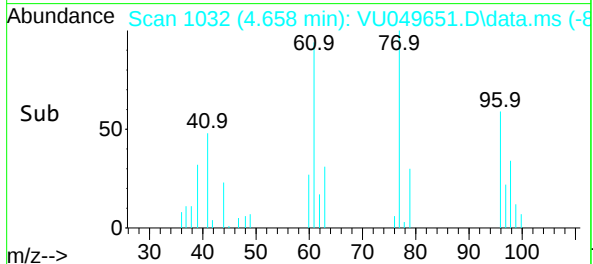
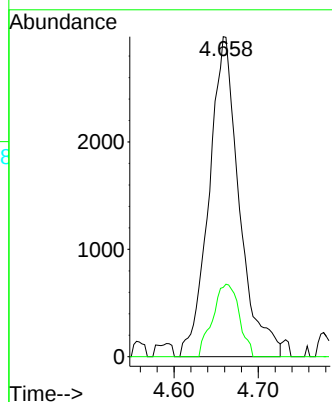
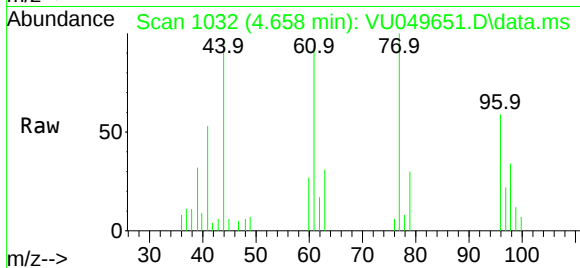
LOQ-WATER-02-QT2-2022

Tgt Ion: 77 Resp: 7443

Ion Ratio Lower Upper

77 100

97 19.7 18.5 27.7



#22

cis-1,2-Dichloroethene

Concen: 0.390 ug/l

RT: 4.665 min Scan# 1034

Delta R.T. -0.003 min

Lab File: VU049651.D

Acq: 07 Jul 2022 14:03

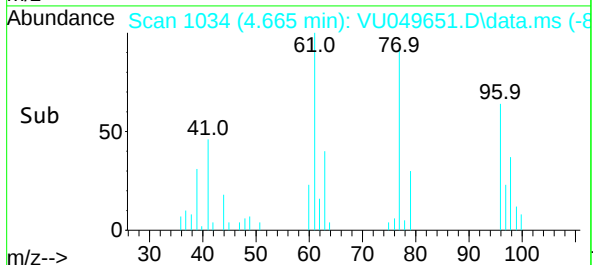
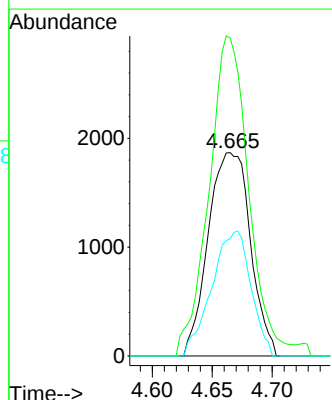
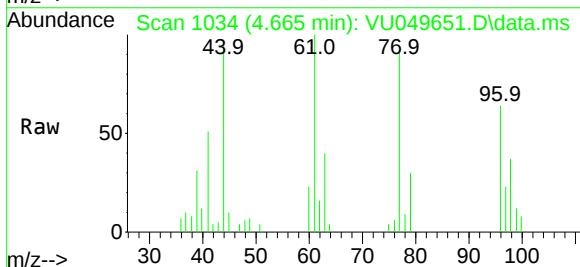
Tgt Ion: 96 Resp: 4571

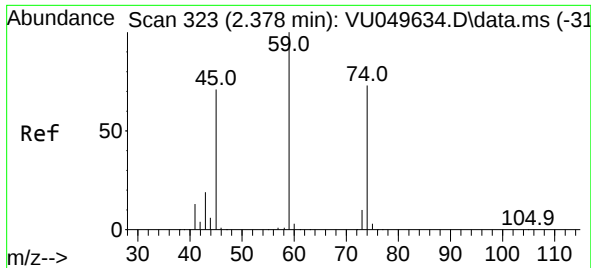
Ion Ratio Lower Upper

96 100

61 148.0 0.0 375.8

98 57.0 31.6 95.0





#23

Diethyl Ether

Concen: 0.421 ug/l

RT: 2.379 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU049651.D

Acq: 07 Jul 2022 14:03

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT2-2022

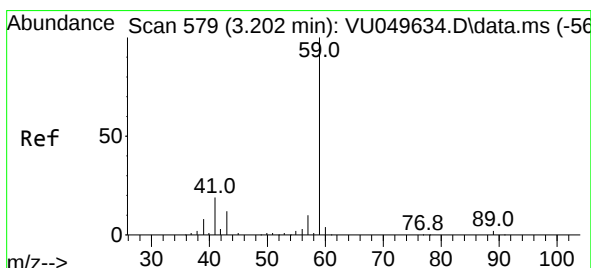
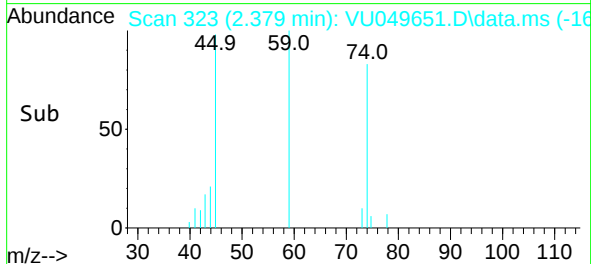
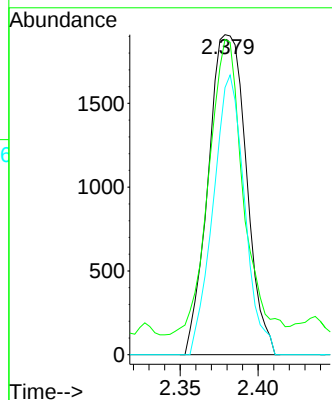
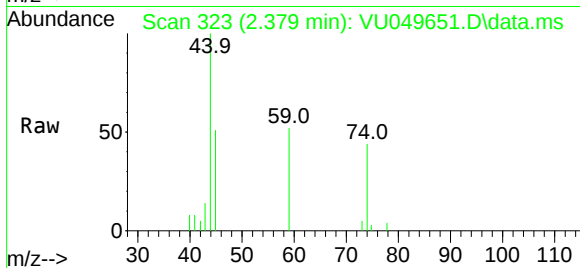
Tgt Ion: 59 Resp: 3243

Ion Ratio Lower Upper

59 100

45 82.4 56.0 84.0

74 72.1 57.6 86.4



#24

tert-Butyl Alcohol

Concen: 0.582 ug/l

RT: 3.195 min Scan# 577

Delta R.T. -0.006 min

Lab File: VU049651.D

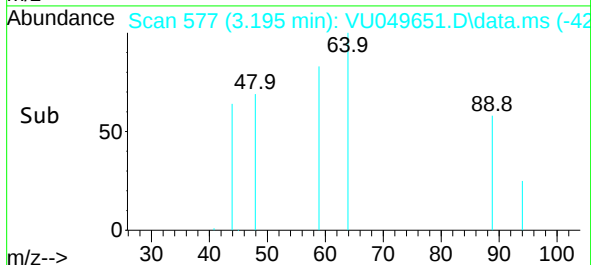
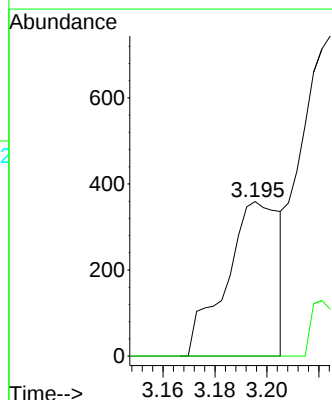
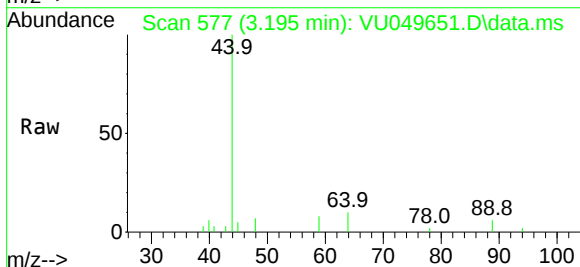
Acq: 07 Jul 2022 14:03

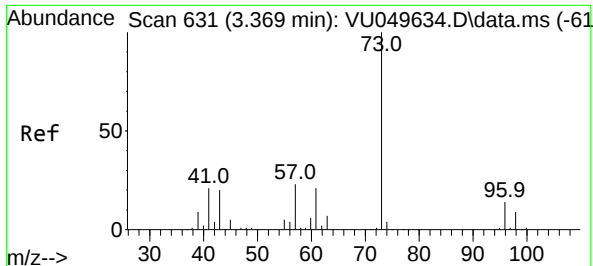
Tgt Ion: 59 Resp: 512

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.2#

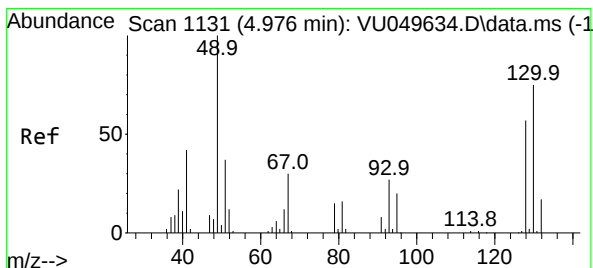
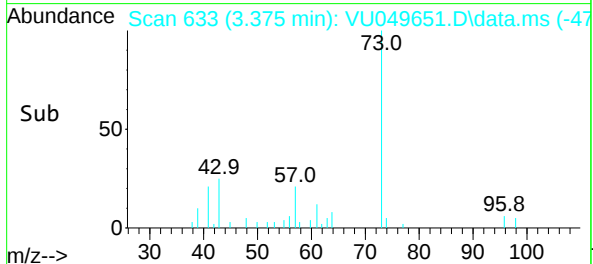
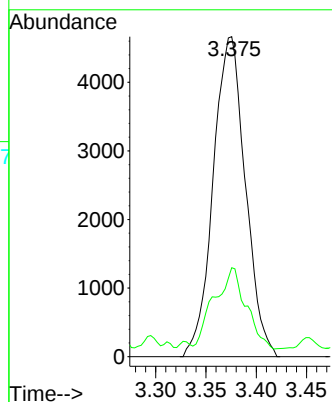
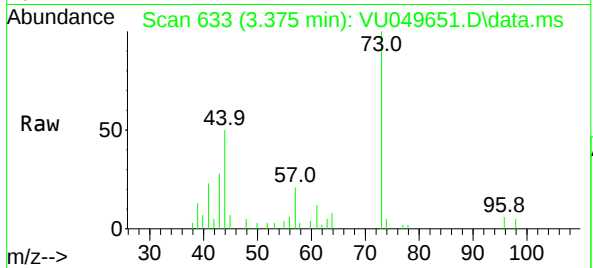




#25
Methyl tert-Butyl Ether
Concen: 0.410 ug/l
RT: 3.375 min Scan# 61
Delta R.T. 0.007 min
Lab File: VU049651.D
Acq: 07 Jul 2022 14:03

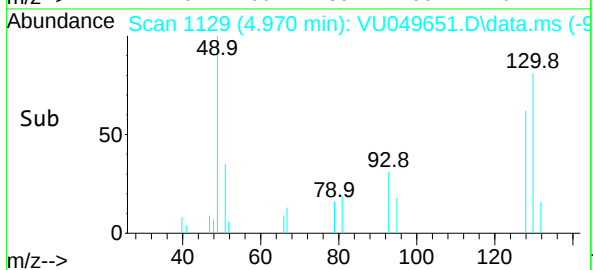
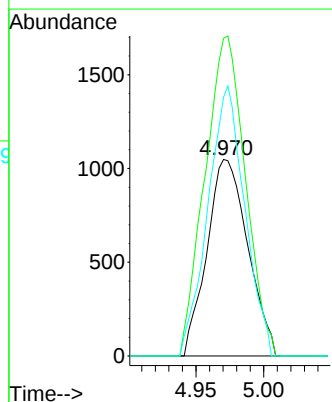
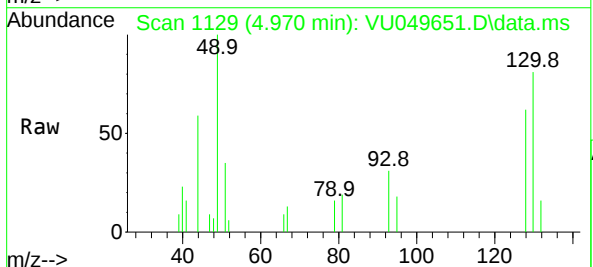
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2022

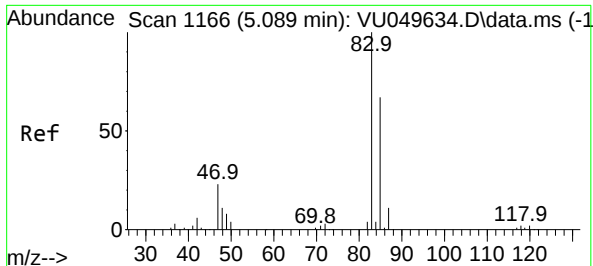
Tgt Ion: 73 Resp: 10375
Ion Ratio Lower Upper
73 100
43 26.0 15.9 23.9#



#26
Bromochloromethane
Concen: 0.444 ug/l
RT: 4.970 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VU049651.D
Acq: 07 Jul 2022 14:03

Tgt Ion: 128 Resp: 2191
Ion Ratio Lower Upper
128 100
49 161.2 0.0 349.2
130 124.3 103.0 154.6





#27

Chloroform

Concen: 0.435 ug/l

RT: 5.092 min Scan# 1166

Delta R.T. 0.003 min

Lab File: VU049651.D

Acq: 07 Jul 2022 14:03

Instrument :

MSVOA_U

ClientSampleId :

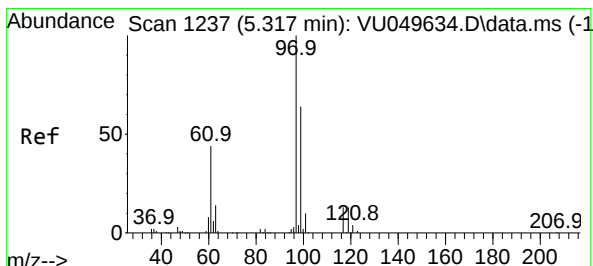
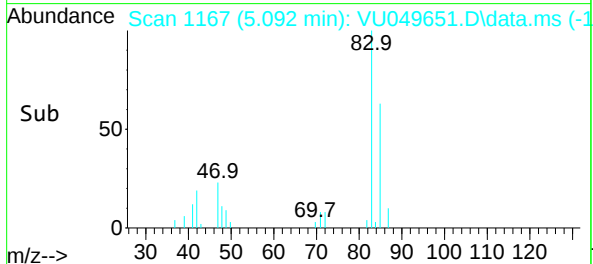
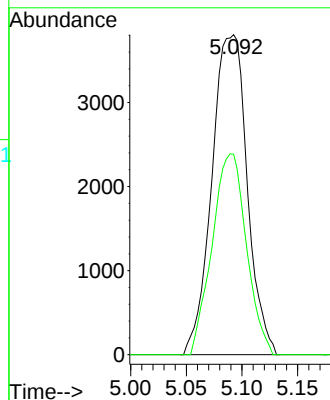
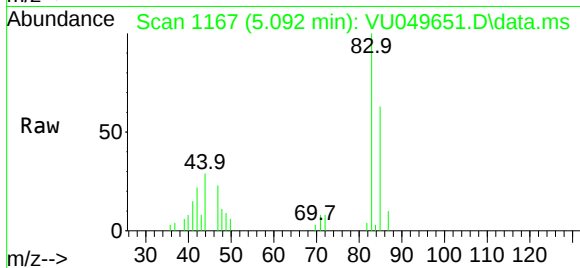
LOQ-WATER-02-QT2-2022

Tgt Ion: 83 Resp: 8406

Ion Ratio Lower Upper

83 100

85 62.6 0.0 133.6



#28

1,1,1-Trichloroethane

Concen: 0.402 ug/l

RT: 5.311 min Scan# 1235

Delta R.T. -0.006 min

Lab File: VU049651.D

Acq: 07 Jul 2022 14:03

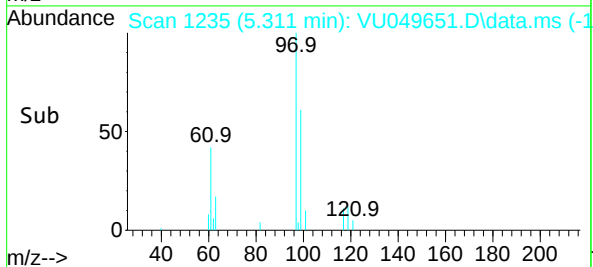
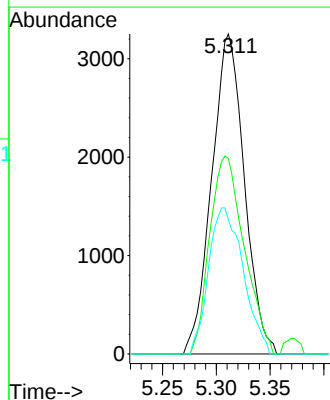
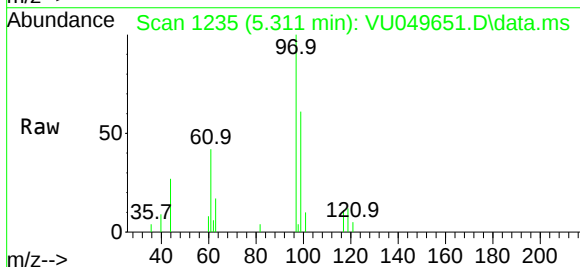
Tgt Ion: 97 Resp: 6861

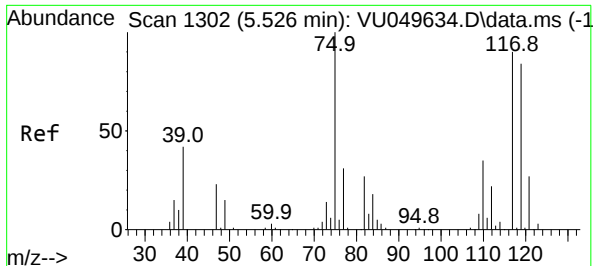
Ion Ratio Lower Upper

97 100

99 65.3 32.1 96.5

61 48.4 21.8 65.4





#29

1,1-Dichloropropene

Concen: 0.400 ug/l

RT: 5.520 min Scan# 11

Delta R.T. -0.006 min

Lab File: VU049651.D

Acq: 07 Jul 2022 14:03

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT2-2022

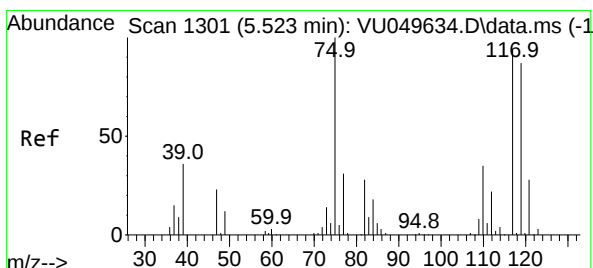
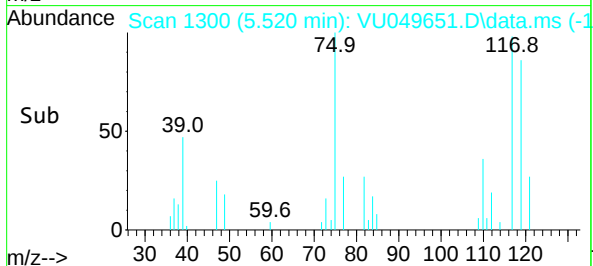
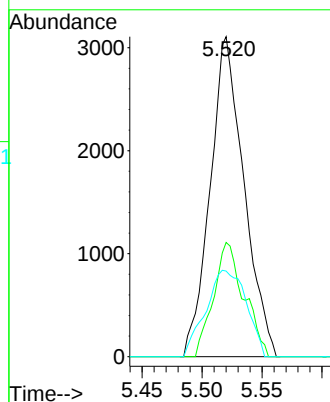
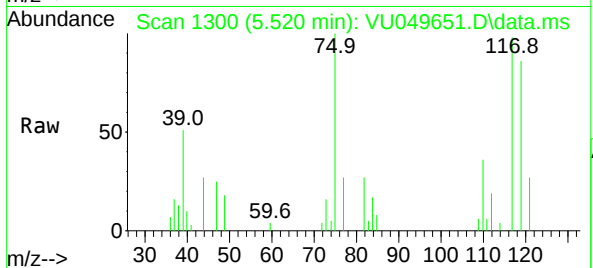
Tgt Ion: 75 Resp: 6087

Ion Ratio Lower Upper

75 100

110 32.2 17.3 52.0

77 32.3 24.6 37.0



#30

Carbon Tetrachloride

Concen: 0.442 ug/l

RT: 5.517 min Scan# 1299

Delta R.T. -0.006 min

Lab File: VU049651.D

Acq: 07 Jul 2022 14:03

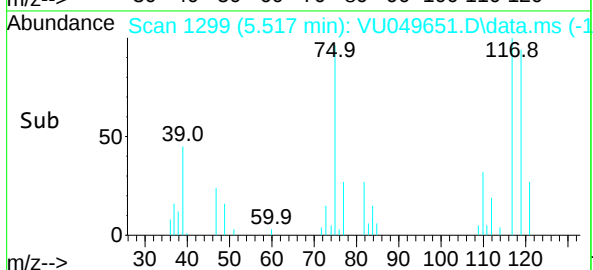
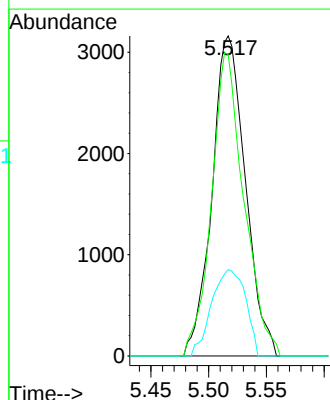
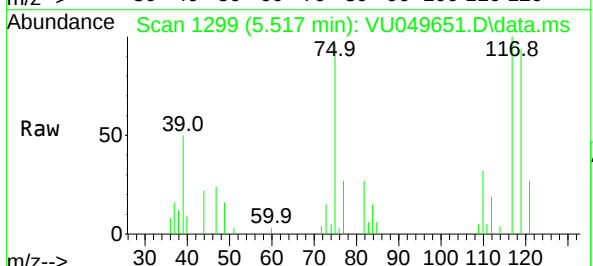
Tgt Ion: 117 Resp: 6348

Ion Ratio Lower Upper

117 100

119 94.2 74.6 112.0

121 27.0 24.2 36.4

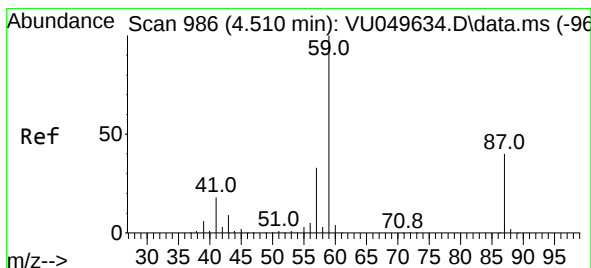
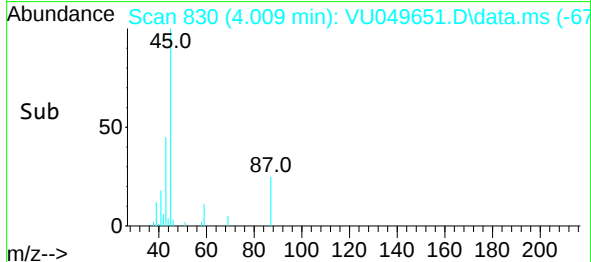
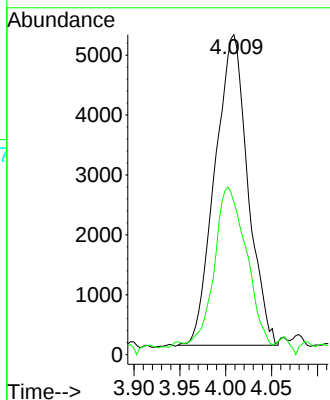
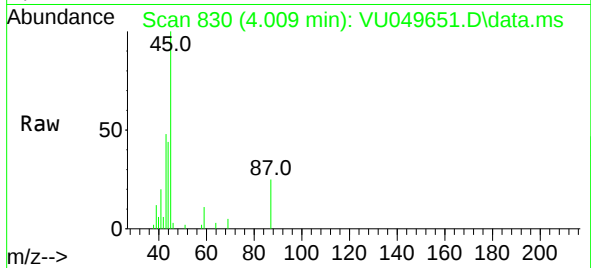




#31
Isopropyl Ether
Concen: 0.383 ug/l
RT: 4.009 min Scan# 81
Delta R.T. 0.010 min
Lab File: VU049651.D
Acq: 07 Jul 2022 14:03

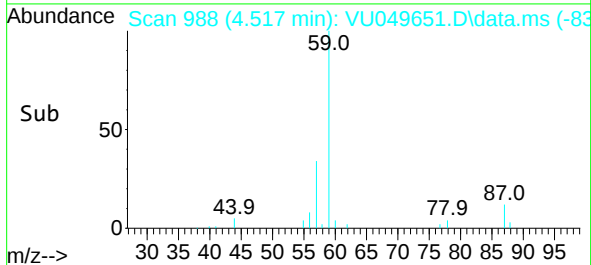
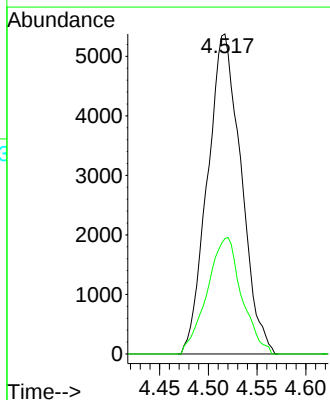
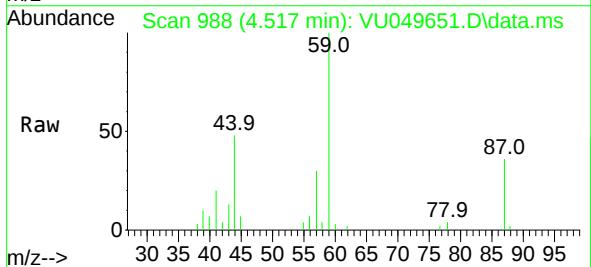
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2022

Tgt Ion: 45 Resp: 12916
Ion Ratio Lower Upper
45 100
43 48.7 23.8 71.2



#32
Ethyl-t-butyl ether
Concen: 0.404 ug/l
RT: 4.517 min Scan# 988
Delta R.T. 0.007 min
Lab File: VU049651.D
Acq: 07 Jul 2022 14:03

Tgt Ion: 59 Resp: 12876
Ion Ratio Lower Upper
59 100
87 37.5 32.5 48.7

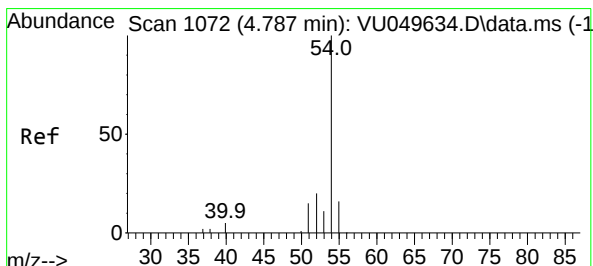
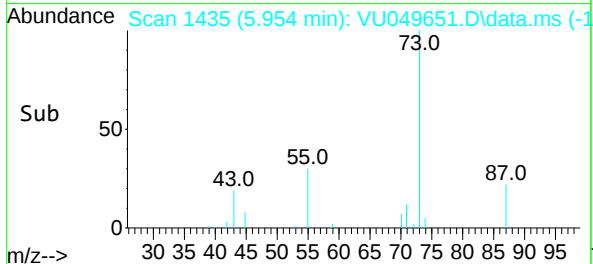
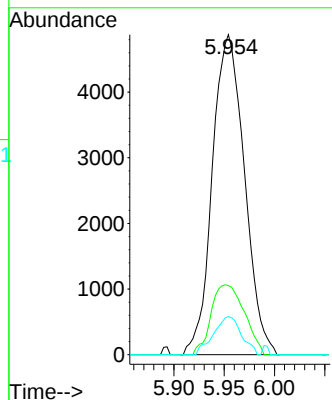
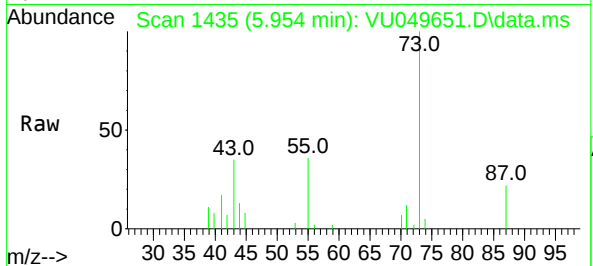




#33
Tert-Amyl methyl ether
Concen: 0.391 ug/l
RT: 5.954 min Scan# 1432
Delta R.T. 0.010 min
Lab File: VU049651.D
Acq: 07 Jul 2022 14:03

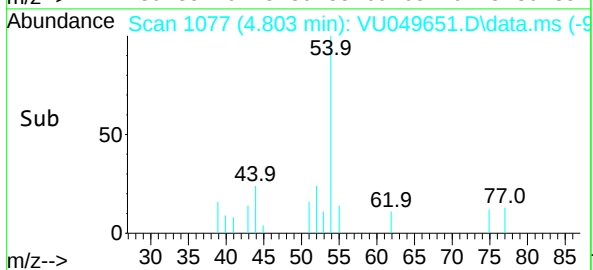
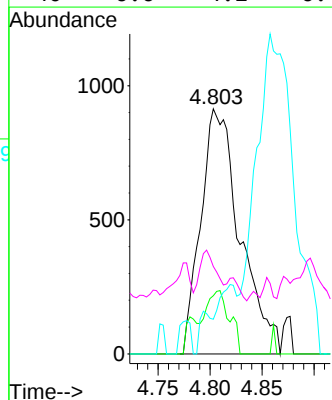
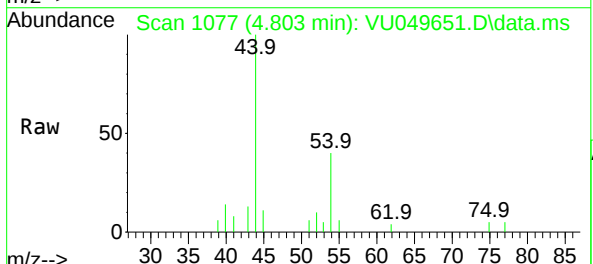
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2022

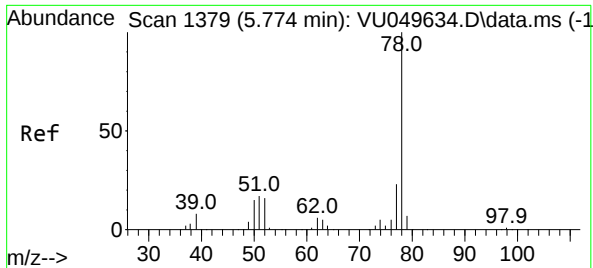
Tgt Ion: 73	Resp: 10840
Ion Ratio	Lower Upper
73 100	
87 22.7	19.7 29.5
71 10.3	9.0 13.4



#34
Propionitrile
Concen: 2.573 ug/l
RT: 4.803 min Scan# 1077
Delta R.T. 0.016 min
Lab File: VU049651.D
Acq: 07 Jul 2022 14:03

Tgt Ion: 54	Resp: 2402
Ion Ratio	Lower Upper
54 100	
52 15.3	15.0 22.6
55 5.6	12.6 19.0#
40 6.6	4.2 6.4#





#35

Benzene

Concen: 0.417 ug/l

RT: 5.771 min Scan# 11

Delta R.T. -0.003 min

Lab File: VU049651.D

Acq: 07 Jul 2022 14:03

Instrument :

MSVOA_U

ClientSampleId :

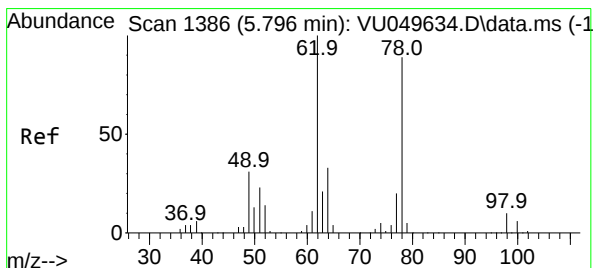
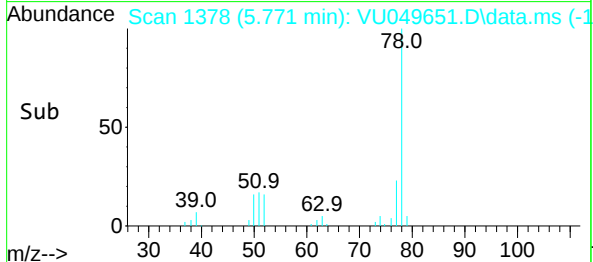
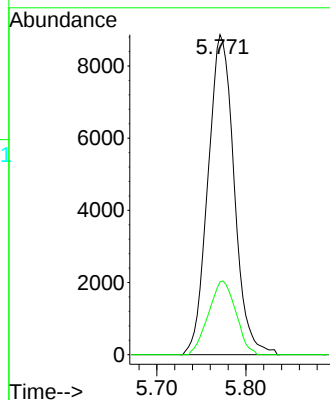
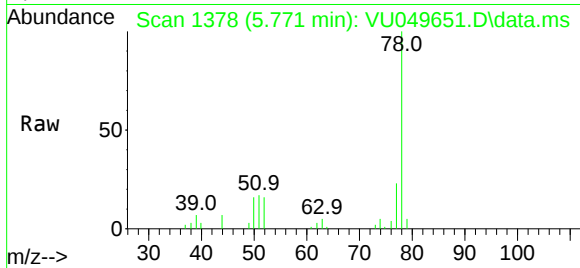
LOQ-WATER-02-QT2-2022

Tgt Ion: 78 Resp: 18086

Ion Ratio Lower Upper

78 100

77 22.7 18.6 28.0



#36

1,2-Dichloroethane

Concen: 0.453 ug/l

RT: 5.800 min Scan# 1387

Delta R.T. 0.003 min

Lab File: VU049651.D

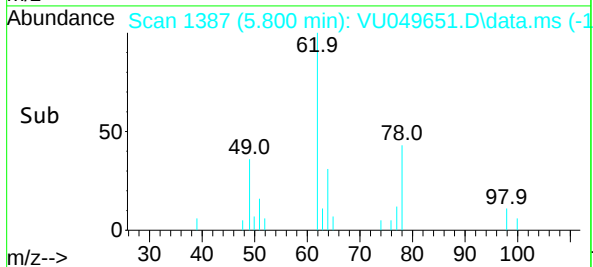
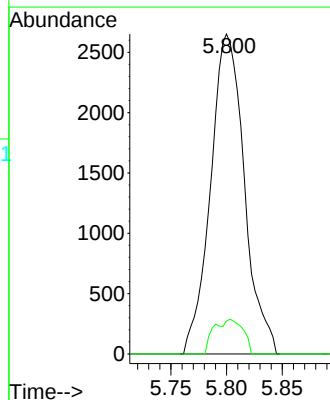
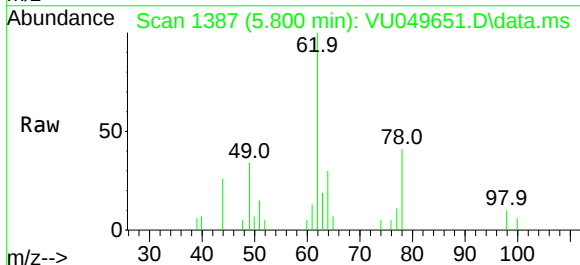
Acq: 07 Jul 2022 14:03

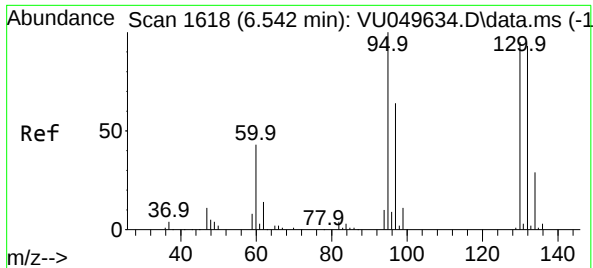
Tgt Ion: 62 Resp: 5595

Ion Ratio Lower Upper

62 100

98 9.3 7.4 11.0

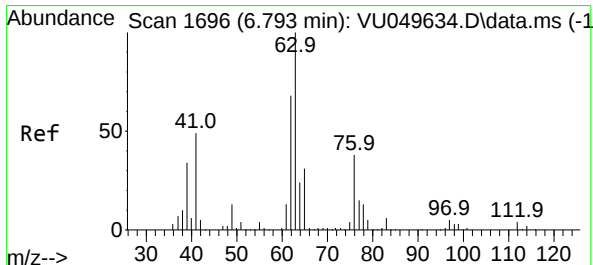
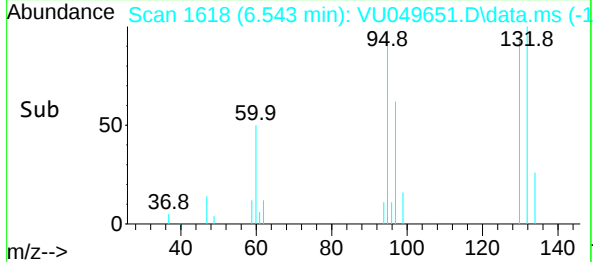
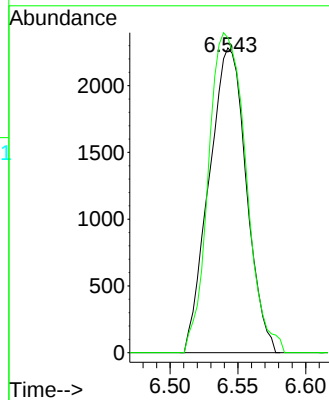
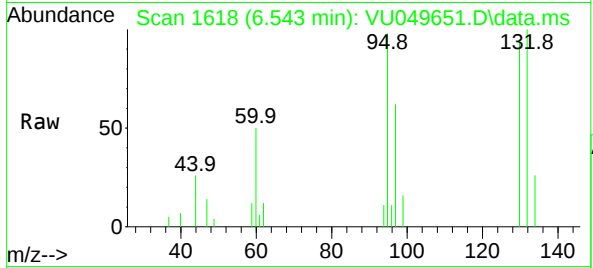




#37
Trichloroethene
Concen: 0.398 ug/l
RT: 6.543 min Scan# 1618
Delta R.T. 0.001 min
Lab File: VU049651.D
Acq: 07 Jul 2022 14:03

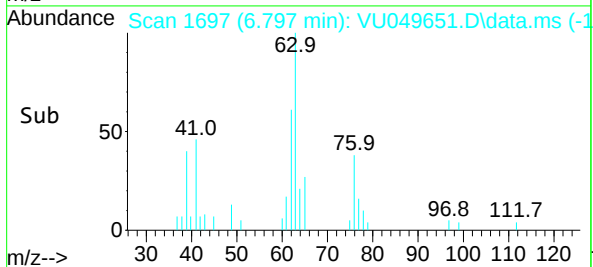
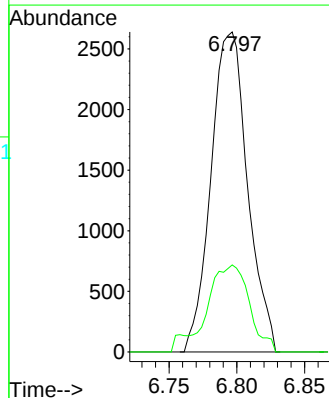
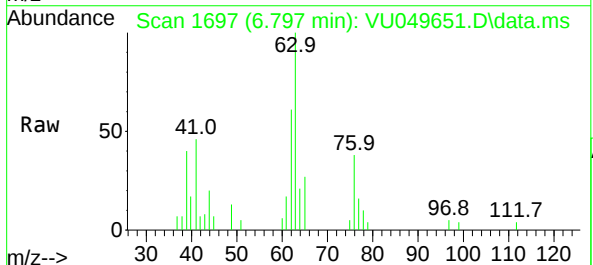
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2022

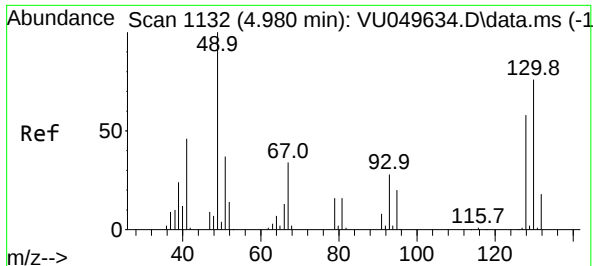
Tgt Ion:130 Resp: 4364
Ion Ratio Lower Upper
130 100
95 103.3 83.8 125.8



#38
1,2-Dichloropropane
Concen: 0.431 ug/l
RT: 6.797 min Scan# 1697
Delta R.T. 0.003 min
Lab File: VU049651.D
Acq: 07 Jul 2022 14:03

Tgt Ion: 63 Resp: 4957
Ion Ratio Lower Upper
63 100
65 27.2 25.0 37.4





#39

Methacrylonitrile

Concen: 0.518 ug/l

RT: 4.999 min Scan# 1138

Delta R.T. 0.019 min

Lab File: VU049651.D

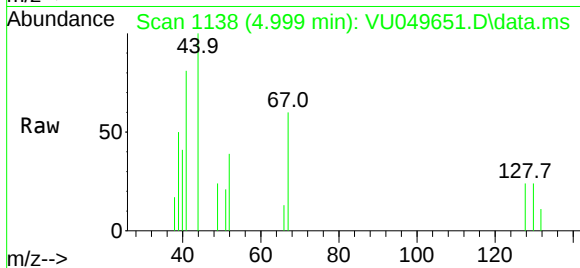
Acq: 07 Jul 2022 14:03

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT2-2022



Tgt Ion: 41 Resp: 2072

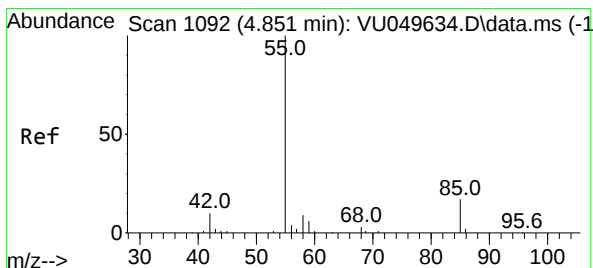
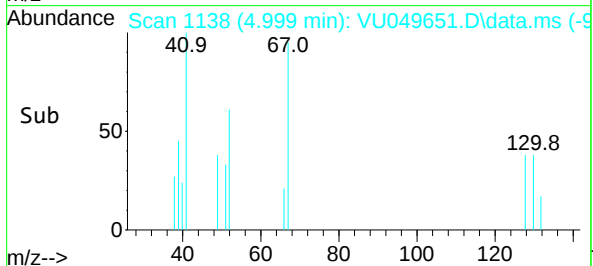
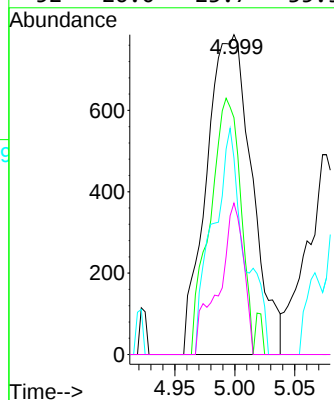
Ion Ratio Lower Upper

41 100

67 54.0 59.4 89.0#

39 49.3 42.2 63.2

52 26.0 23.7 35.5



#40

Methyl acrylate

Concen: 0.493 ug/l

RT: 4.858 min Scan# 1094

Delta R.T. 0.007 min

Lab File: VU049651.D

Acq: 07 Jul 2022 14:03

Tgt Ion: 55 Resp: 3088

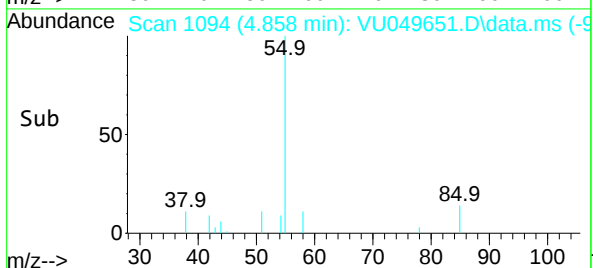
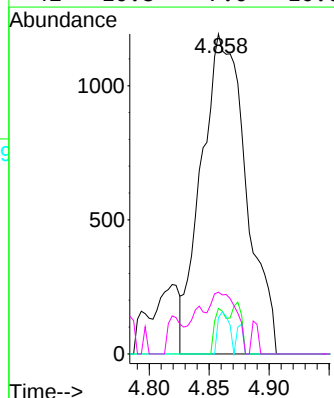
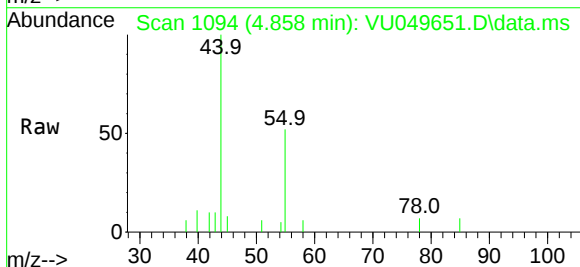
Ion Ratio Lower Upper

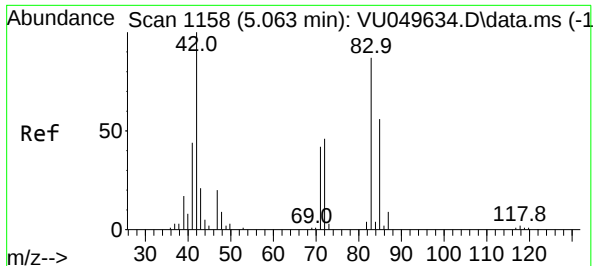
55 100

85 0.0 13.5 20.3#

58 3.4 7.0 10.4#

42 10.8 7.0 10.6#





#41

Tetrahydrofuran

Concen: 0.970 ug/l

RT: 5.086 min Scan# 1165

Delta R.T. 0.023 min

Lab File: VU049651.D

Acq: 07 Jul 2022 14:03

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT2-2022

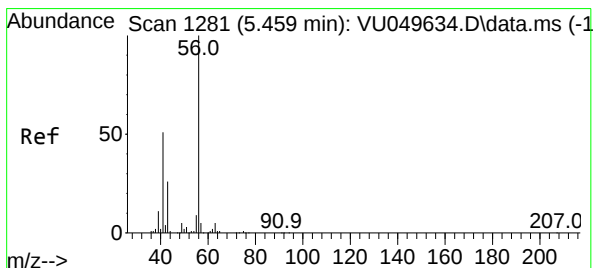
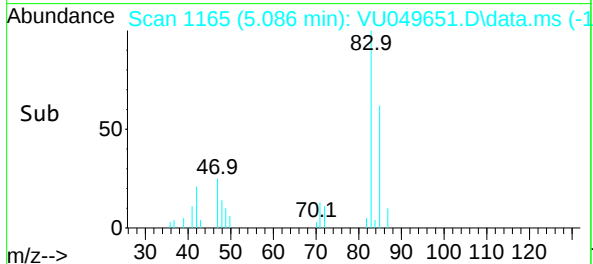
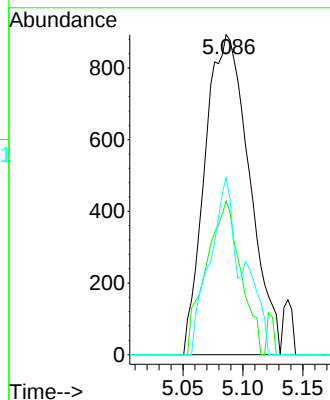
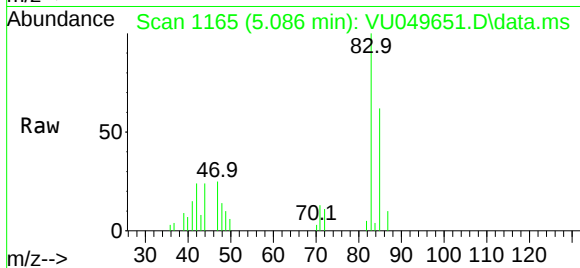
Tgt Ion: 42 Resp: 2293

Ion Ratio Lower Upper

42 100

72 37.5 38.9 58.3#

71 31.9 33.7 50.5#



#42

1-Chlorobutane

Concen: 0.393 ug/l

RT: 5.456 min Scan# 1280

Delta R.T. -0.003 min

Lab File: VU049651.D

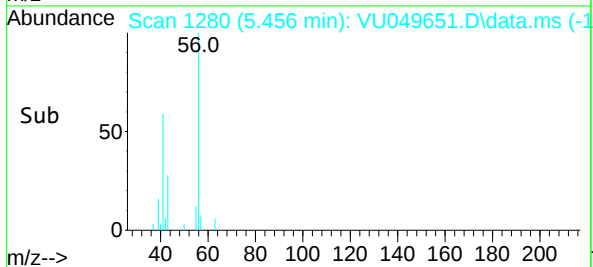
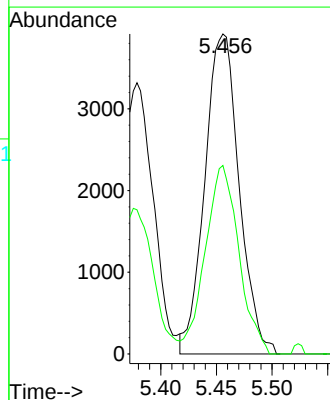
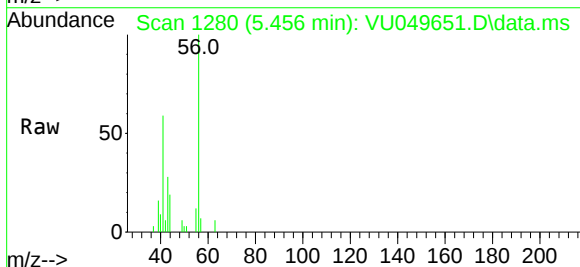
Acq: 07 Jul 2022 14:03

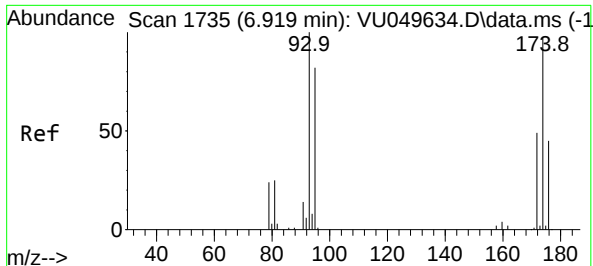
Tgt Ion: 56 Resp: 8395

Ion Ratio Lower Upper

56 100

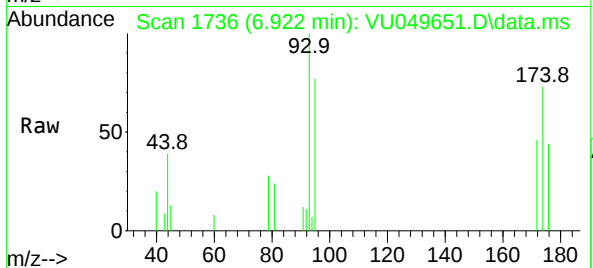
41 57.8 26.4 79.2



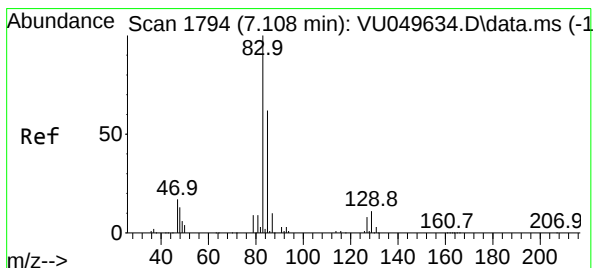
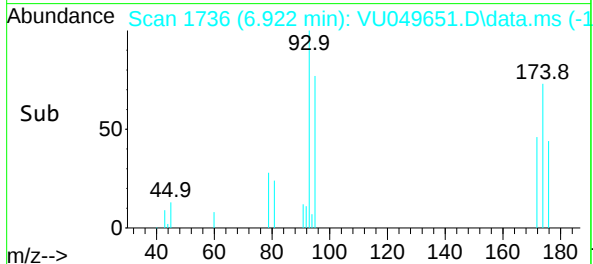
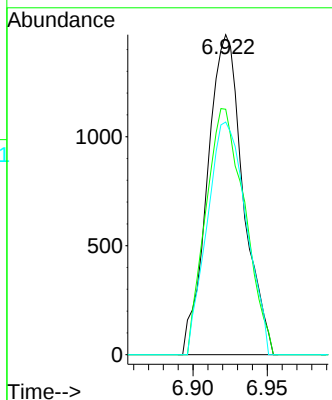


#43
Dibromomethane
Concen: 0.429 ug/l
RT: 6.922 min Scan# 1736
Delta R.T. 0.003 min
Lab File: VU049651.D
Acq: 07 Jul 2022 14:03

Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2022

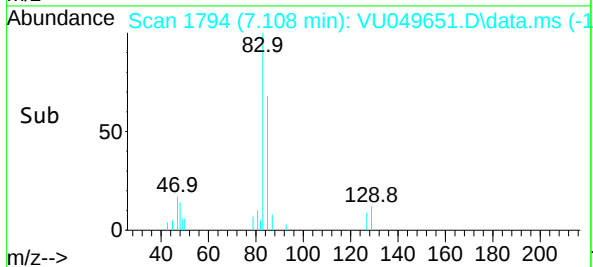
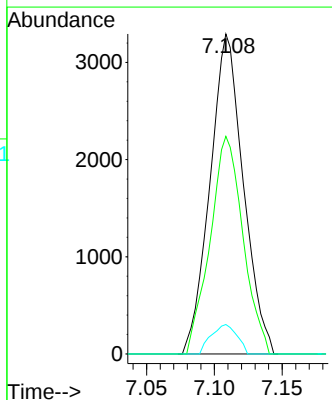
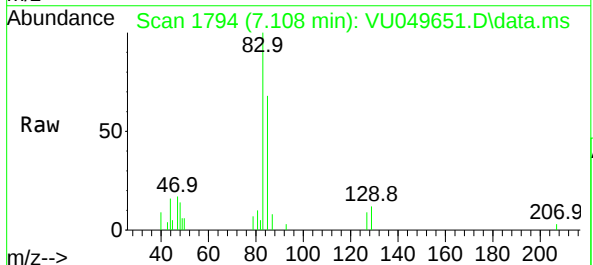


Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.9	65.0	97.6
174	79.4	76.3	114.5



#44
Bromodichloromethane
Concen: 0.410 ug/l
RT: 7.108 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VU049651.D
Acq: 07 Jul 2022 14:03

Tgt Ion	Ratio	Lower	Upper
83	100		
85	68.0	49.4	74.0
127	9.2	6.6	10.0





#45

4-Methyl-2-Pentanone

Concen: 2.029 ug/l

RT: 7.806 min Scan# 2011

Delta R.T. 0.010 min

Lab File: VU049651.D

Acq: 07 Jul 2022 14:03

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT2-2022

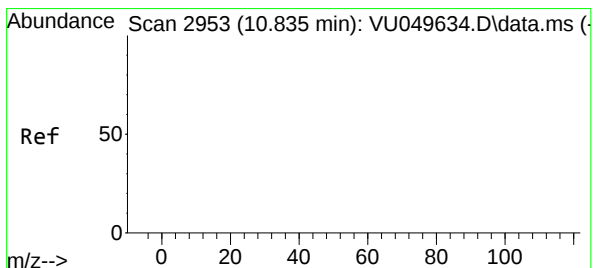
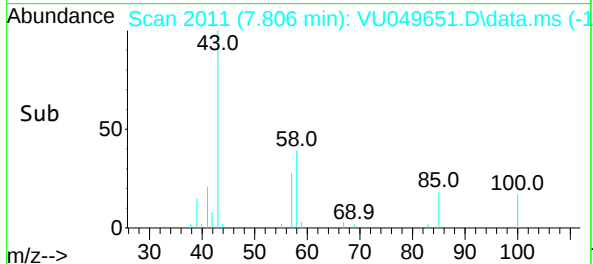
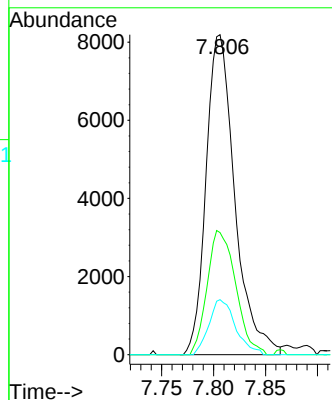
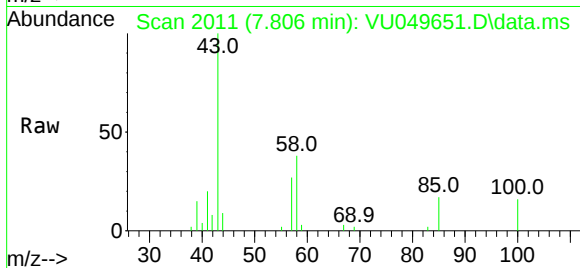
Tgt Ion: 43 Resp: 15769

Ion Ratio Lower Upper

43 100

58 38.4 20.3 61.0

85 15.9 14.6 21.8



#46

t-1,4-Dichloro-2-butene

Concen: 1.916 ug/l

RT: 10.829 min Scan# 2951

Delta R.T. -0.006 min

Lab File: VU049651.D

Acq: 07 Jul 2022 14:03

Tgt Ion: 75 Resp: 4847

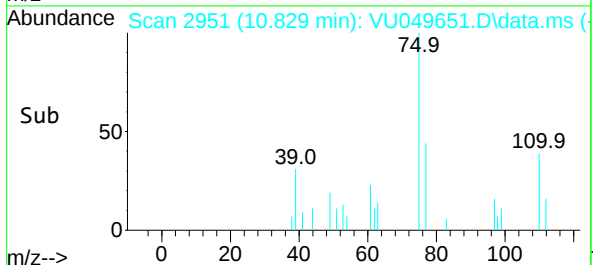
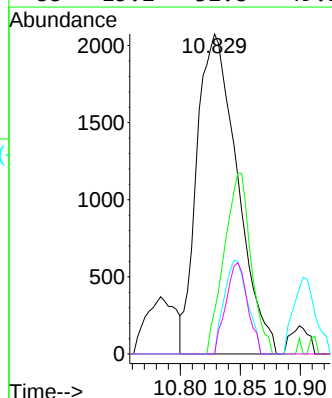
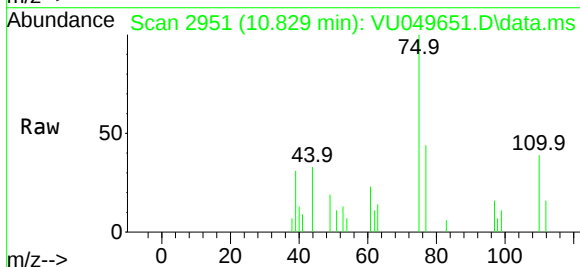
Ion Ratio Lower Upper

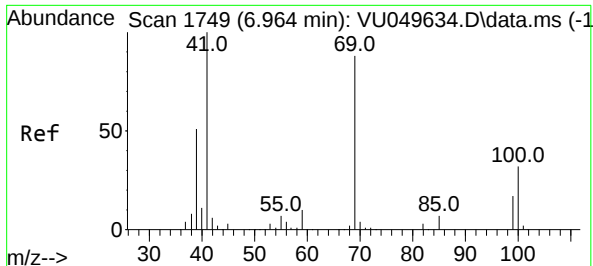
75 100

53 37.6 64.4 96.6#

89 16.8 44.2 66.2#

88 15.2 32.8 49.2#





#47

Methyl methacrylate

Concen: 0.742 ug/l

RT: 6.977 min Scan# 1

Delta R.T. 0.013 min

Lab File: VU049651.D

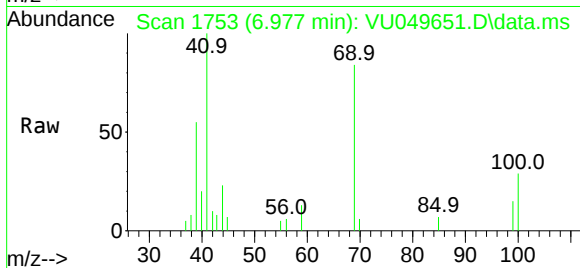
Acq: 07 Jul 2022 14:03

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT2-2022



Tgt Ion: 69 Resp: 4285

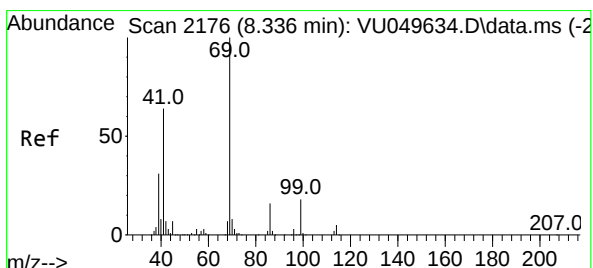
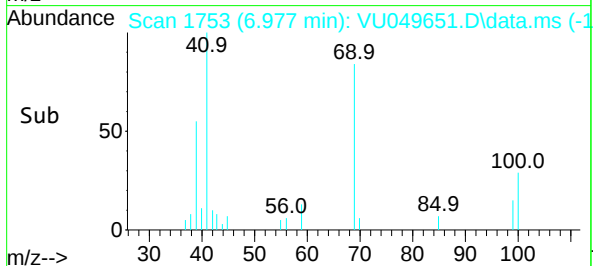
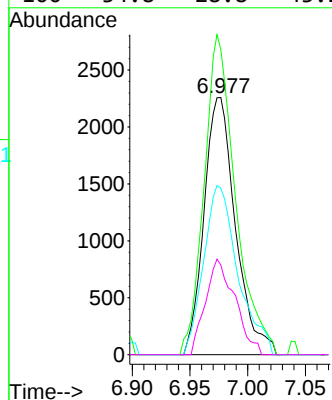
Ion Ratio Lower Upper

69 100

41 123.6 0.0 225.4

39 71.7 45.8 68.8#

100 34.8 28.8 43.2



#48

Ethyl methacrylate

Concen: 0.367 ug/l

RT: 8.343 min Scan# 2178

Delta R.T. 0.007 min

Lab File: VU049651.D

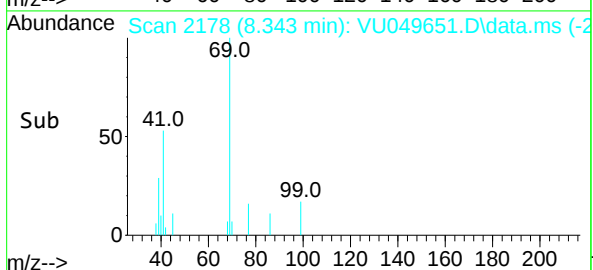
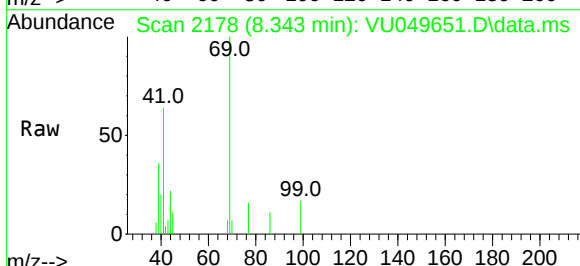
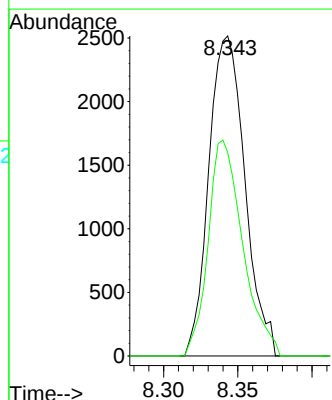
Acq: 07 Jul 2022 14:03

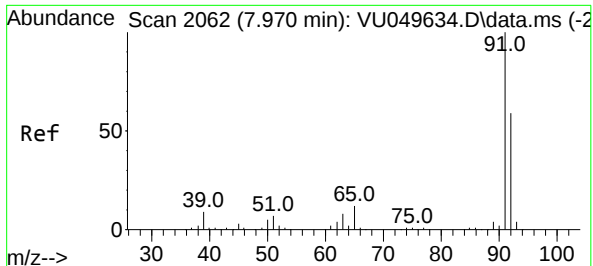
Tgt Ion: 69 Resp: 4252

Ion Ratio Lower Upper

69 100

41 64.7 32.3 96.9





#49

Toluene

Concen: 0.390 ug/l

RT: 7.967 min Scan# 2062

Delta R.T. -0.003 min

Lab File: VU049651.D

Acq: 07 Jul 2022 14:03

Instrument :

MSVOA_U

ClientSampleId :

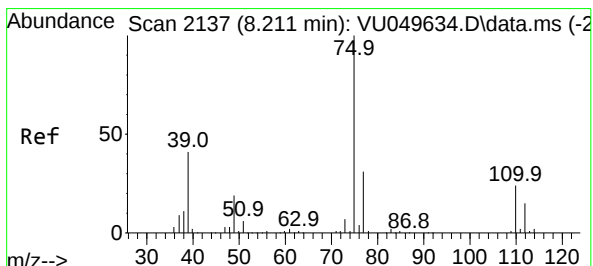
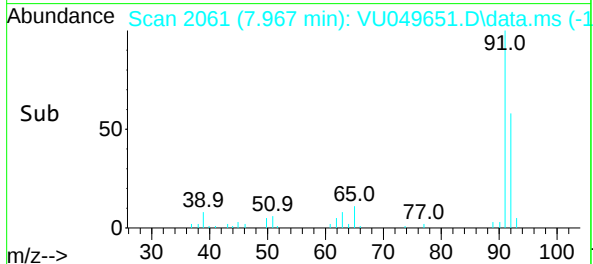
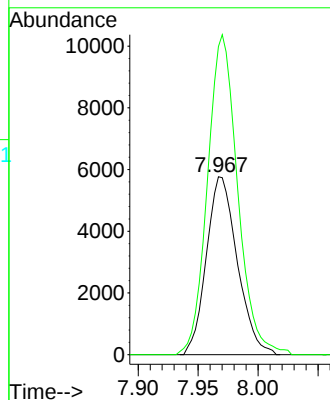
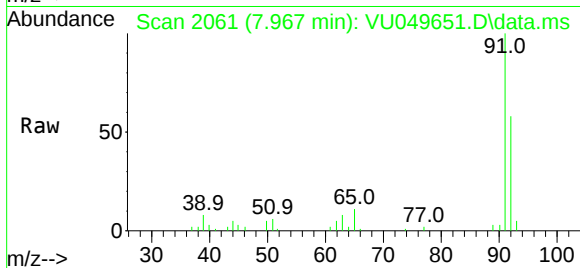
LOQ-WATER-02-QT2-2022

Tgt Ion: 92 Resp: 10331

Ion Ratio Lower Upper

92 100

91 175.6 138.6 207.8



#50

t-1,3-Dichloropropene

Concen: 0.370 ug/l

RT: 8.215 min Scan# 2138

Delta R.T. 0.003 min

Lab File: VU049651.D

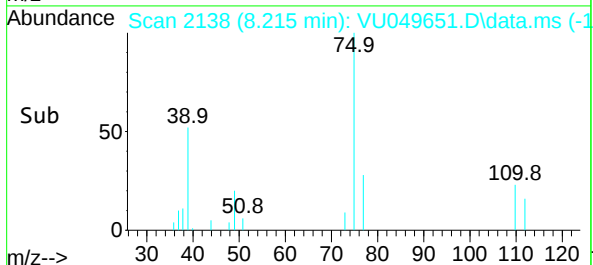
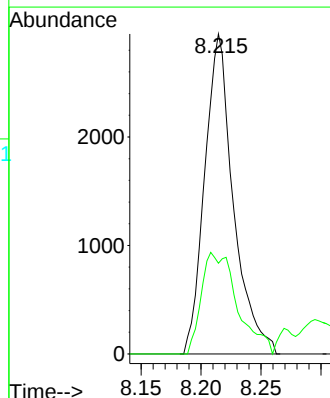
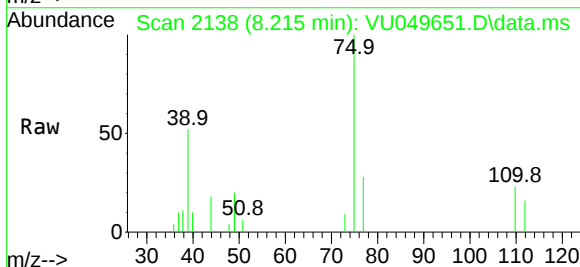
Acq: 07 Jul 2022 14:03

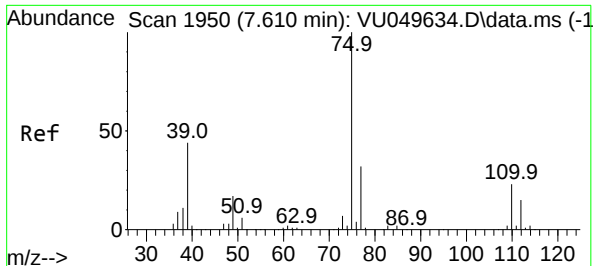
Tgt Ion: 75 Resp: 4904

Ion Ratio Lower Upper

75 100

77 28.3 24.7 37.1

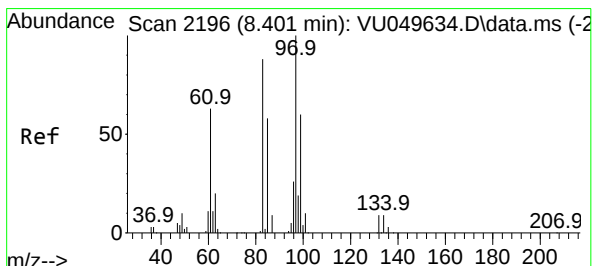
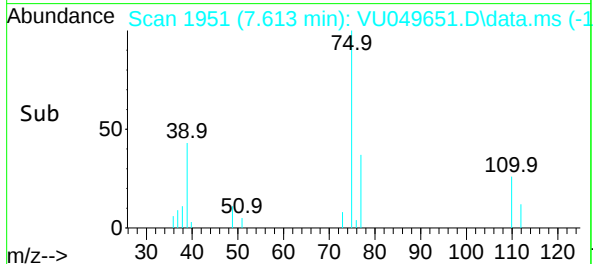
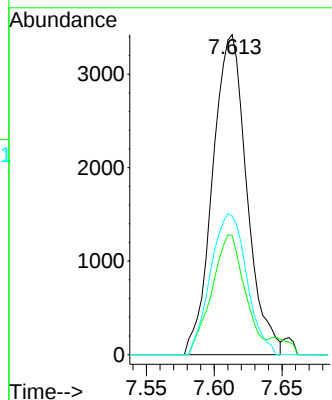
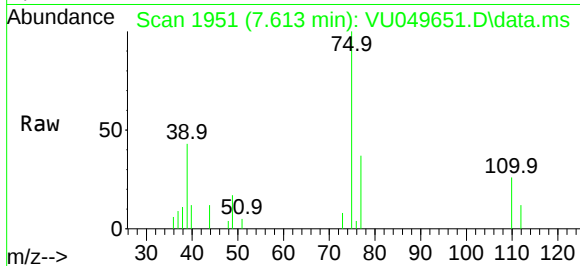




#51
 cis-1,3-Dichloropropene
 Concen: 0.382 ug/l
 RT: 7.613 min Scan# 1951
 Delta R.T. 0.003 min
 Lab File: VU049651.D
 Acq: 07 Jul 2022 14:03

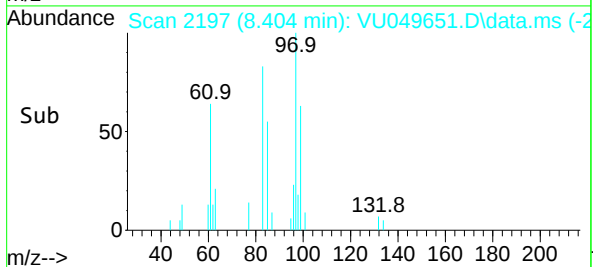
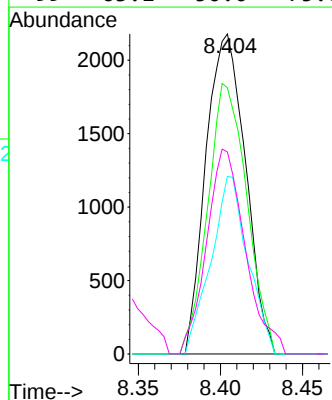
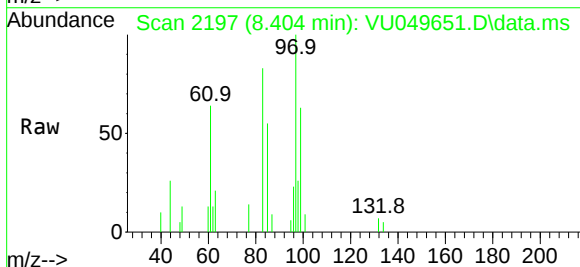
Instrument : MSVOA_U
 ClientSampleId : LOQ-WATER-02-QT2-2022

Tgt Ion:	75	Resp:	5997
Ion	Ratio	Lower	Upper
75	100		
77	37.2	25.4	38.0
39	43.4	35.1	52.7



#52
 1,1,2-Trichloroethane
 Concen: 0.462 ug/l
 RT: 8.404 min Scan# 2197
 Delta R.T. 0.003 min
 Lab File: VU049651.D
 Acq: 07 Jul 2022 14:03

Tgt Ion:	97	Resp:	3648
Ion	Ratio	Lower	Upper
97	100		
83	83.2	70.6	106.0
85	55.4	46.2	69.4
99	63.1	50.0	75.0





#53

1,3-Dichloropropane

Concen: 0.401 ug/l

RT: 8.581 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU049651.D

Acq: 07 Jul 2022 14:03

Instrument :

MSVOA_U

ClientSampleId :

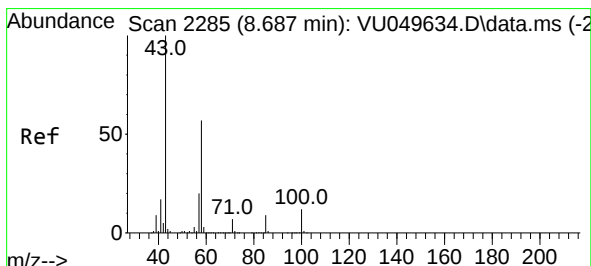
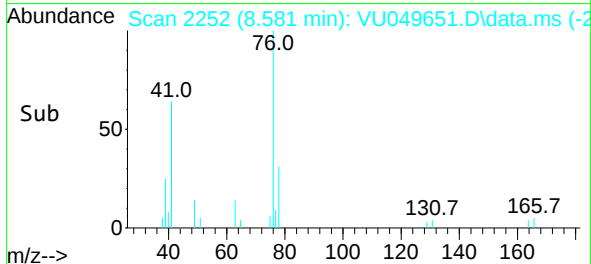
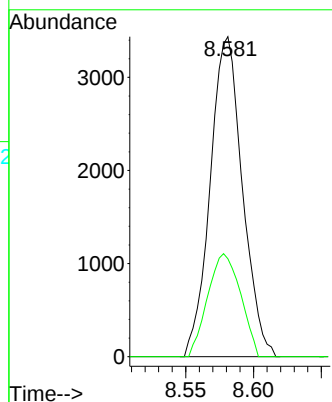
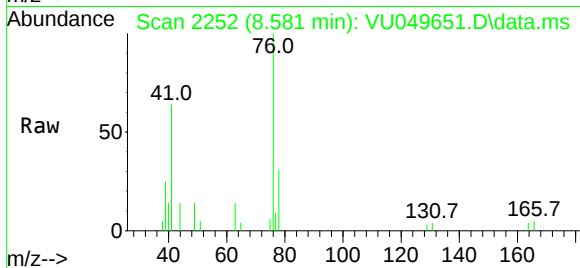
LOQ-WATER-02-QT2-2022

Tgt Ion: 76 Resp: 5683

Ion Ratio Lower Upper

76 100

78 32.8 26.0 39.0



#54

2-Hexanone

Concen: 1.999 ug/l

RT: 8.697 min Scan# 2288

Delta R.T. 0.010 min

Lab File: VU049651.D

Acq: 07 Jul 2022 14:03

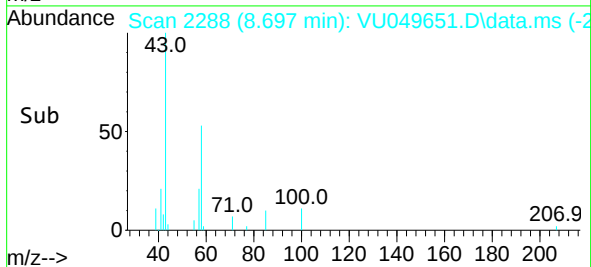
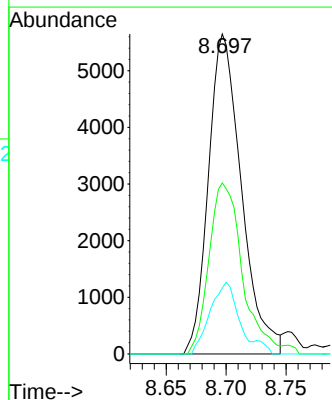
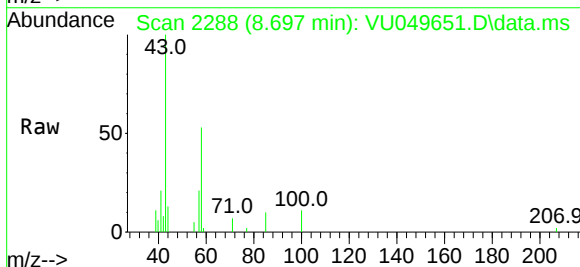
Tgt Ion: 43 Resp: 10793

Ion Ratio Lower Upper

43 100

58 54.7 37.1 77.1

57 20.3 0.0 39.5

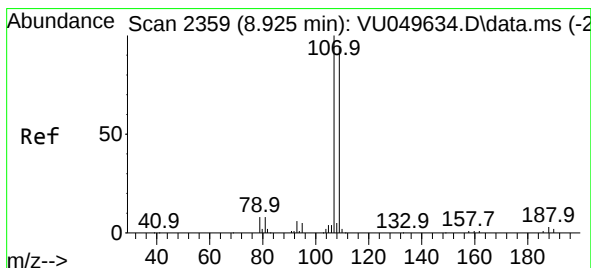
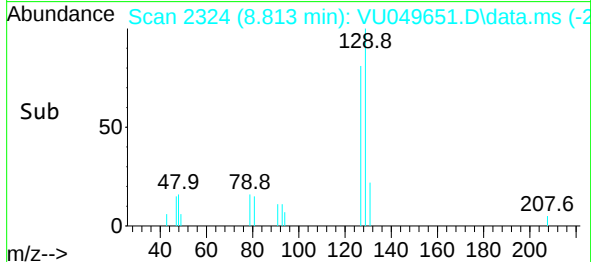
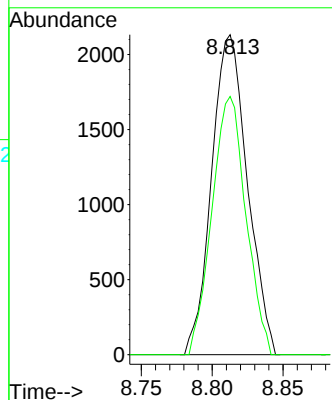
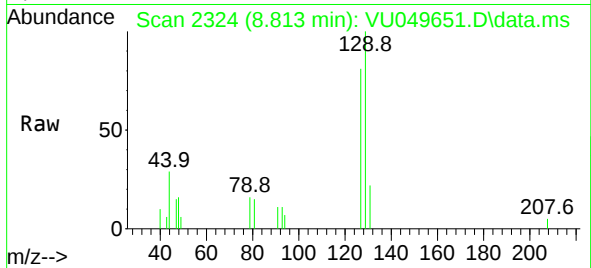




#55
Dibromochloromethane
Concen: 0.416 ug/l
RT: 8.813 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU049651.D
Acq: 07 Jul 2022 14:03

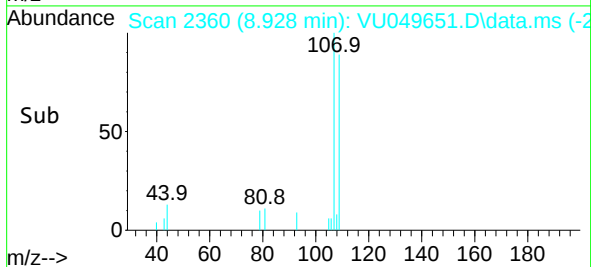
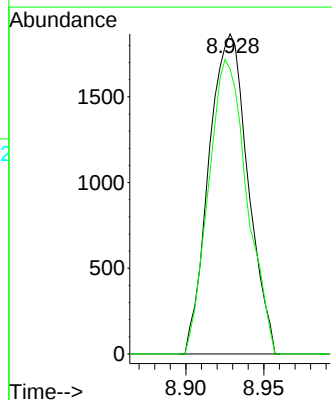
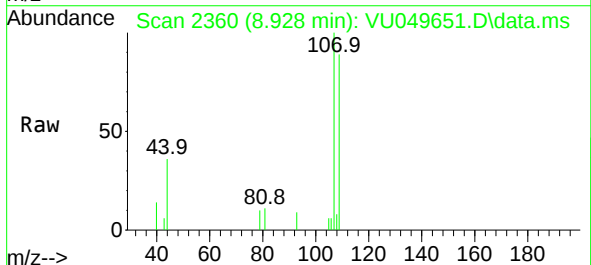
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2022

Tgt Ion:129 Resp: 3752
Ion Ratio Lower Upper
129 100
127 76.4 61.2 91.8



#56
1,2-Dibromoethane
Concen: 0.426 ug/l
RT: 8.928 min Scan# 2360
Delta R.T. 0.003 min
Lab File: VU049651.D
Acq: 07 Jul 2022 14:03

Tgt Ion:107 Resp: 3259
Ion Ratio Lower Upper
107 100
109 90.4 0.0 187.2

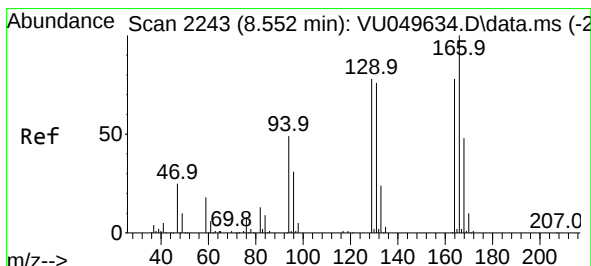
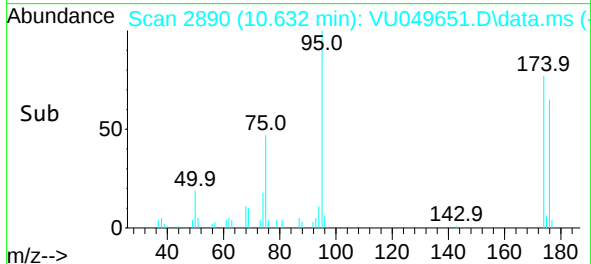
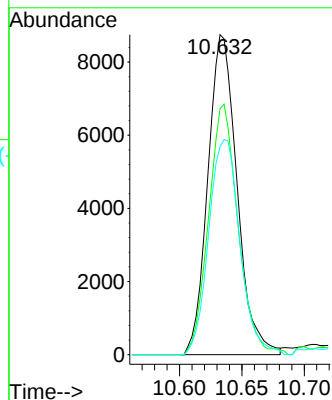
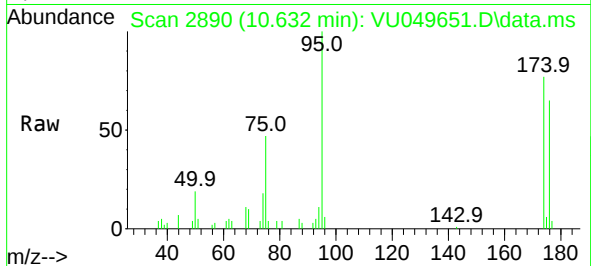




#57
4-Bromofluorobenzene
Concen: 0.975 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. 0.000 min
Lab File: VU049651.D
Acq: 07 Jul 2022 14:03

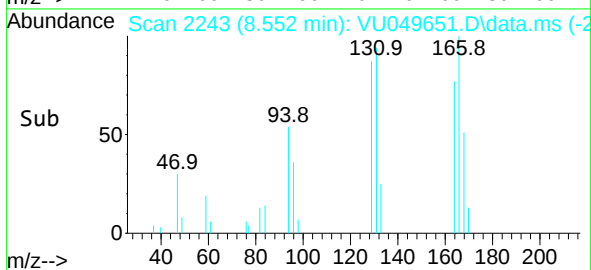
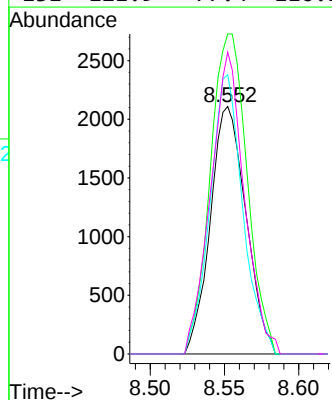
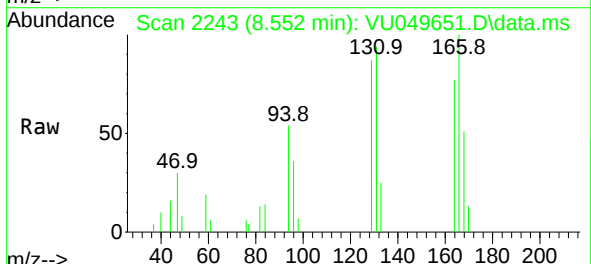
Instrument : MSVOA_U
ClientSampleId : LOQ-WATER-02-QT2-2022

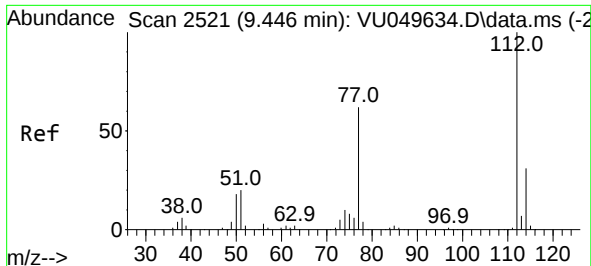
Tgt Ion: 95 Resp: 14254
Ion Ratio Lower Upper
95 100
174 78.7 62.4 93.6
176 71.9 56.2 84.2



#58
Tetrachloroethene
Concen: 0.385 ug/l
RT: 8.552 min Scan# 2243
Delta R.T. 0.000 min
Lab File: VU049651.D
Acq: 07 Jul 2022 14:03

Tgt Ion: 164 Resp: 3513
Ion Ratio Lower Upper
164 100
166 129.3 102.4 153.6
129 112.8 79.5 119.3
131 121.9 77.4 116.2#

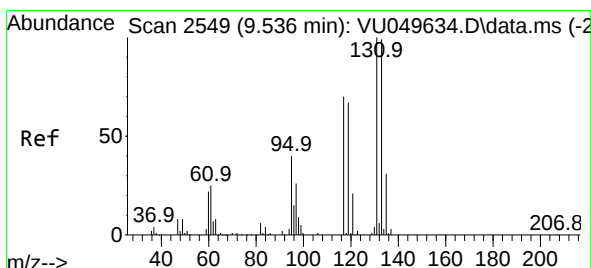
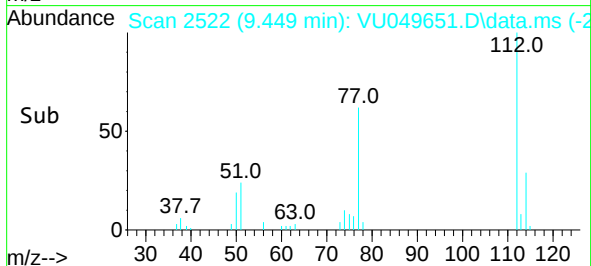
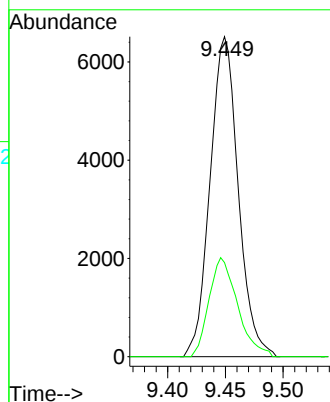
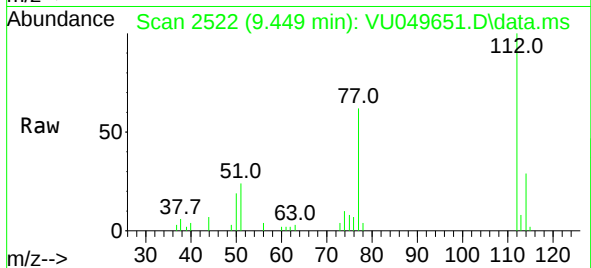




#59
Chlorobenzene
Concen: 0.398 ug/l
RT: 9.449 min Scan# 211
Delta R.T. 0.003 min
Lab File: VU049651.D
Acq: 07 Jul 2022 14:03

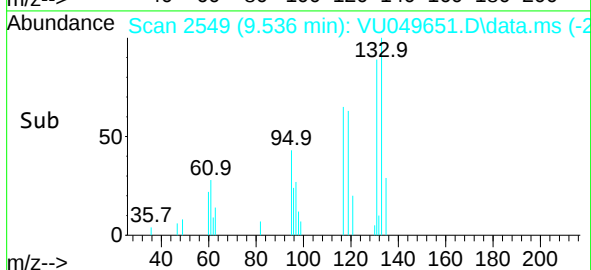
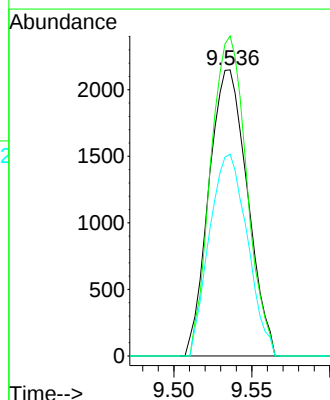
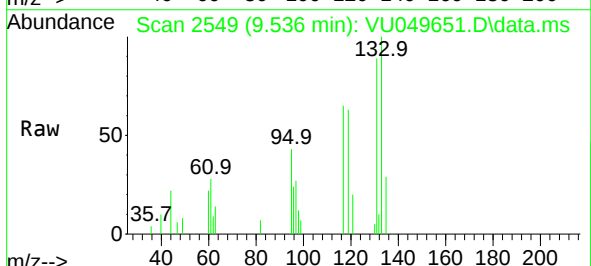
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2022

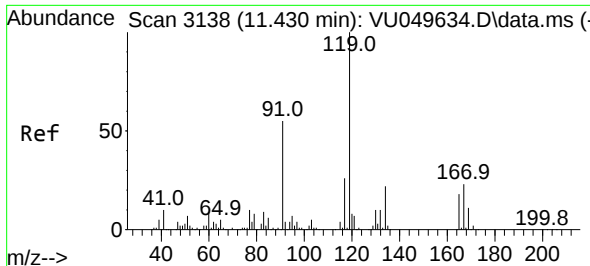
Tgt Ion:112 Resp: 11047
Ion Ratio Lower Upper
112 100
114 29.4 24.9 37.3



#60
1,1,1,2-Tetrachloroethane
Concen: 0.374 ug/l
RT: 9.536 min Scan# 2549
Delta R.T. 0.000 min
Lab File: VU049651.D
Acq: 07 Jul 2022 14:03

Tgt Ion:131 Resp: 3694
Ion Ratio Lower Upper
131 100
133 104.3 78.3 117.5
119 69.4 53.2 79.8

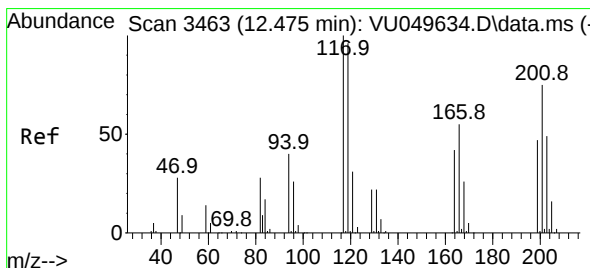
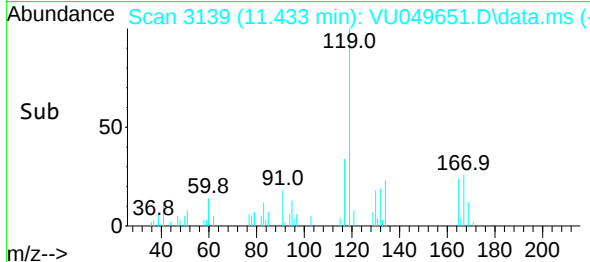
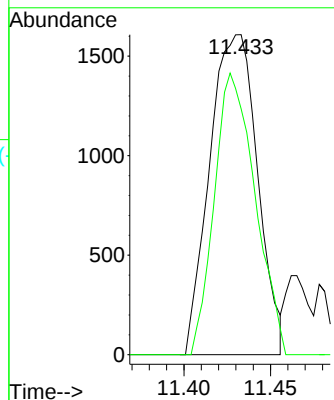
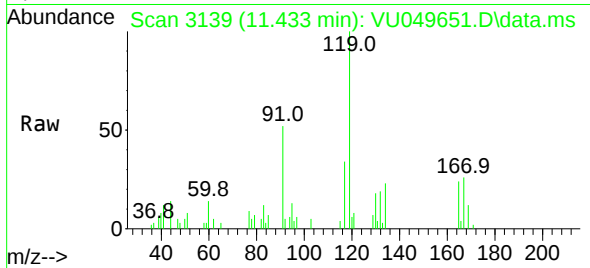




#61
Pentachloroethane
Concen: 0.408 ug/l
RT: 11.433 min Scan# 3138
Delta R.T. 0.003 min
Lab File: VU049651.D
Acq: 07 Jul 2022 14:03

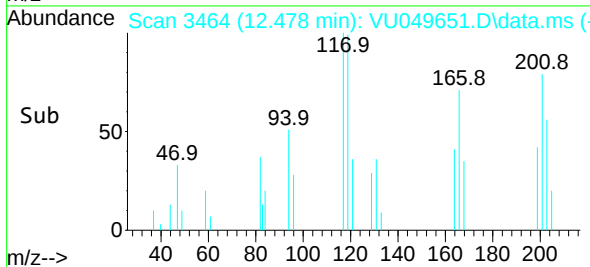
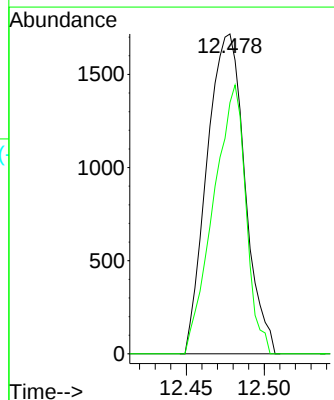
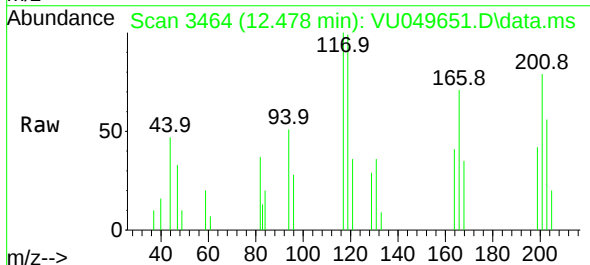
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2022

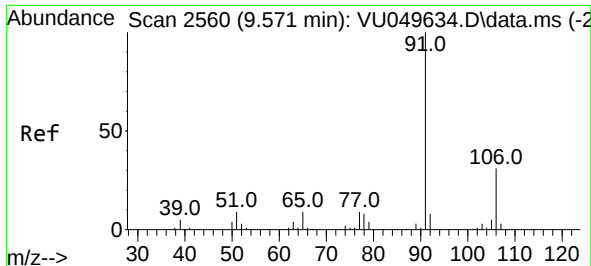
Tgt Ion:117 Resp: 3092
Ion Ratio Lower Upper
117 100
167 74.9 66.2 99.4



#62
Hexachloroethane
Concen: 0.383 ug/l
RT: 12.478 min Scan# 3464
Delta R.T. 0.003 min
Lab File: VU049651.D
Acq: 07 Jul 2022 14:03

Tgt Ion:117 Resp: 2904
Ion Ratio Lower Upper
117 100
201 72.1 61.0 91.4





#63

Ethyl Benzene

Concen: 0.370 ug/l

RT: 9.568 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU049651.D

Acq: 07 Jul 2022 14:03

Instrument :

MSVOA_U

ClientSampleId :

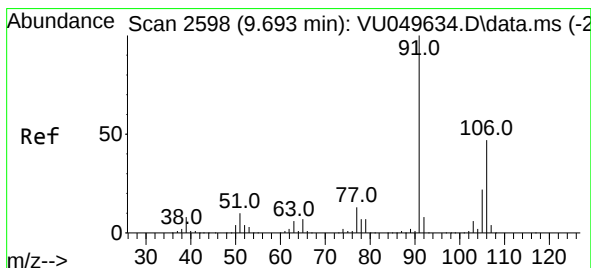
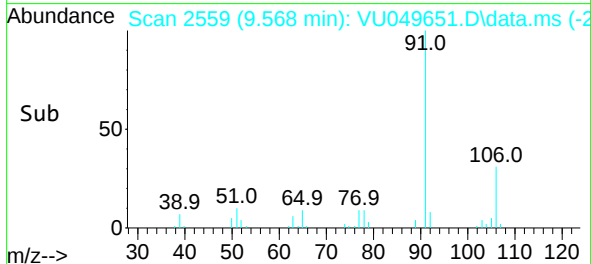
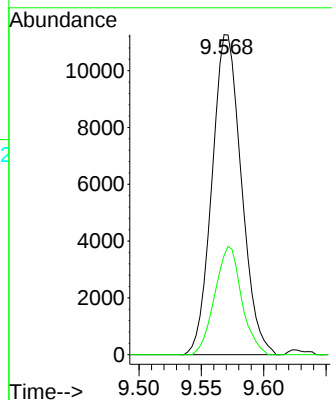
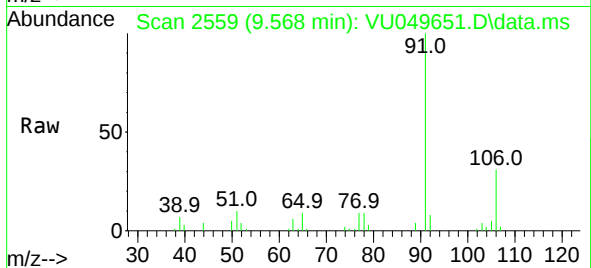
LOQ-WATER-02-QT2-2022

Tgt Ion: 91 Resp: 18486

Ion Ratio Lower Upper

91 100

106 31.0 24.4 36.6



#64

m/p-Xylenes

Concen: 0.722 ug/l

RT: 9.694 min Scan# 2598

Delta R.T. 0.000 min

Lab File: VU049651.D

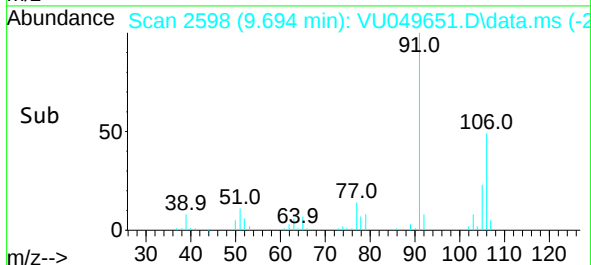
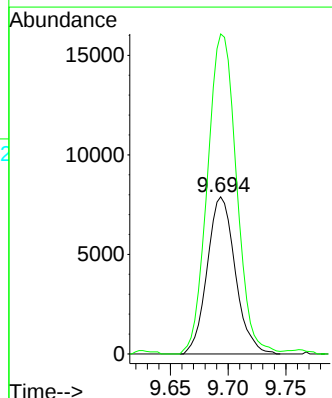
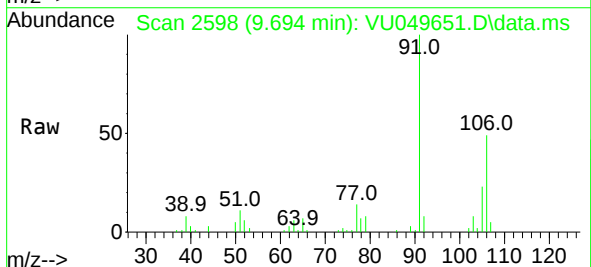
Acq: 07 Jul 2022 14:03

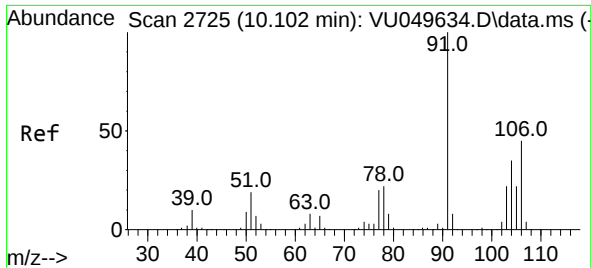
Tgt Ion:106 Resp: 13323

Ion Ratio Lower Upper

106 100

91 211.3 167.8 251.6

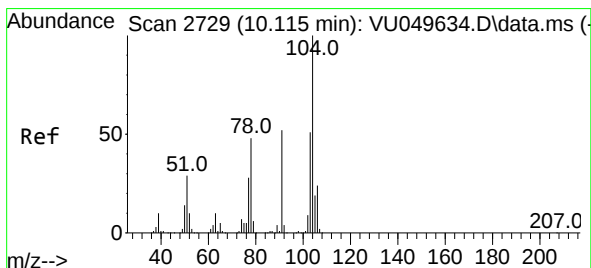
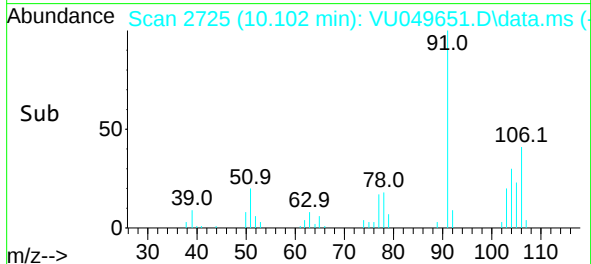
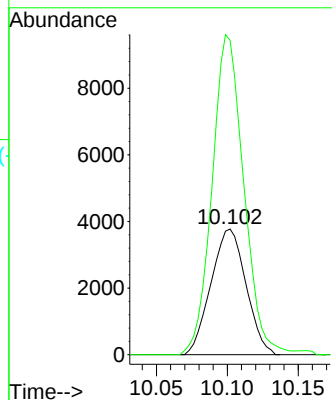
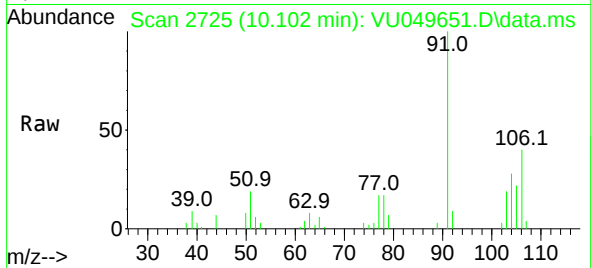




#65
o-Xylene
Concen: 0.357 ug/l
RT: 10.102 min Scan# 2725
Delta R.T. 0.000 min
Lab File: VU049651.D
Acq: 07 Jul 2022 14:03

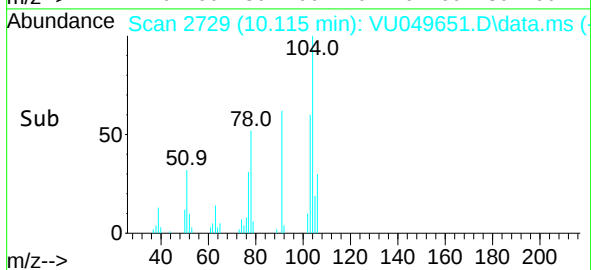
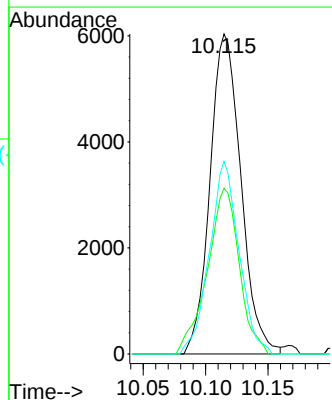
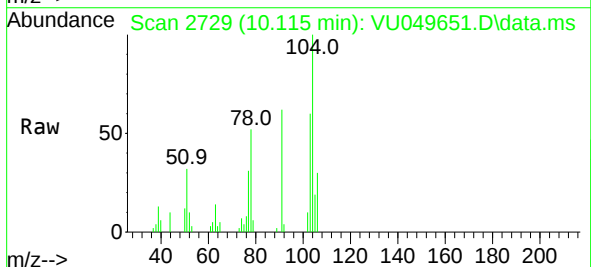
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2022

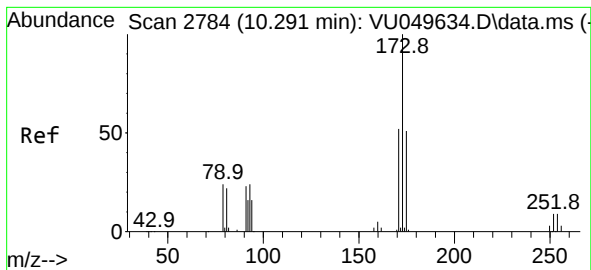
Tgt Ion:106 Resp: 6488
Ion Ratio Lower Upper
106 100
91 230.2 111.1 333.2



#66
Styrene
Concen: 0.358 ug/l
RT: 10.115 min Scan# 2729
Delta R.T. 0.000 min
Lab File: VU049651.D
Acq: 07 Jul 2022 14:03

Tgt Ion:104 Resp: 10432
Ion Ratio Lower Upper
104 100
78 53.4 42.1 63.1
103 57.6 44.5 66.7





#67

Bromoform

Concen: 0.360 ug/l

RT: 10.292 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU049651.D

Acq: 07 Jul 2022 14:03

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT2-2022

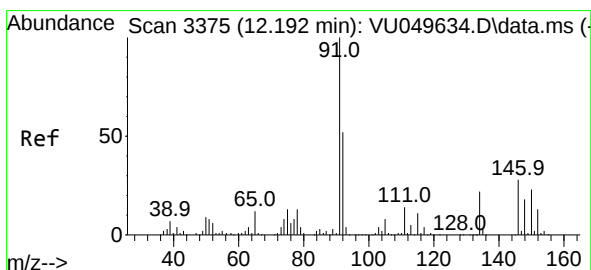
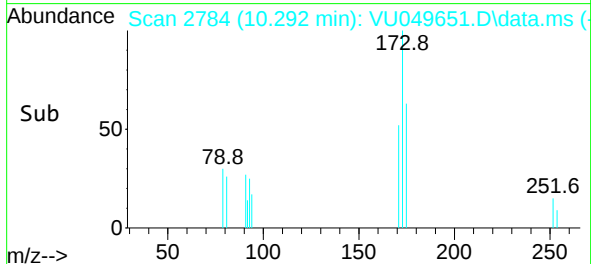
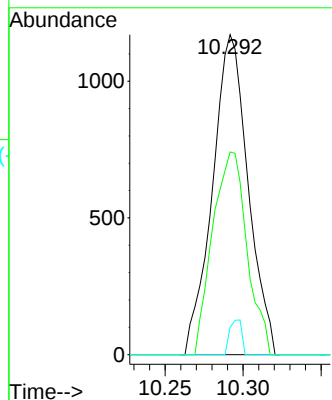
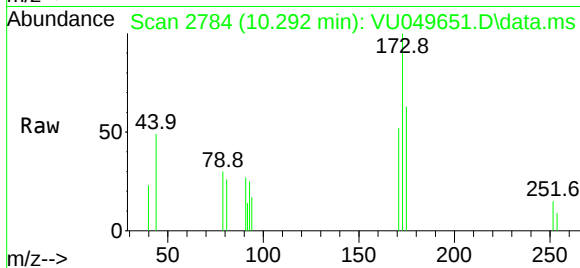
Tgt Ion:173 Resp: 1857

Ion Ratio Lower Upper

173 100

175 61.1 38.4 57.6#

254 3.7 7.7 11.5#



#68

1,2-Dichlorobenzene-d4

Concen: 1.094 ug/l

RT: 12.195 min Scan# 3376

Delta R.T. 0.003 min

Lab File: VU049651.D

Acq: 07 Jul 2022 14:03

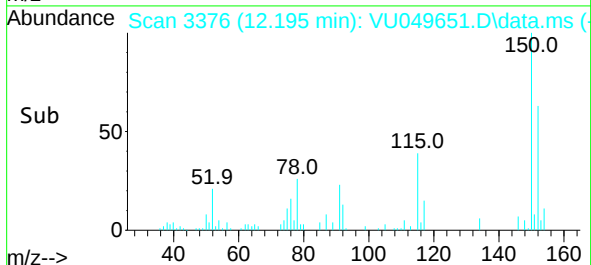
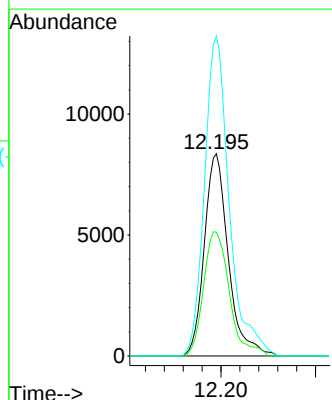
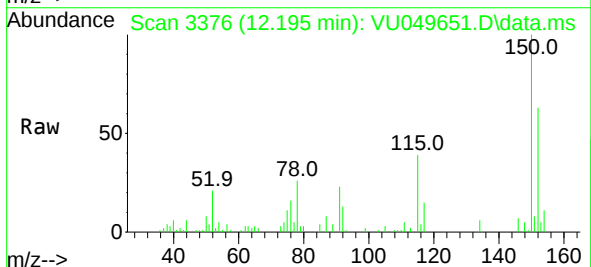
Tgt Ion:152 Resp: 14734

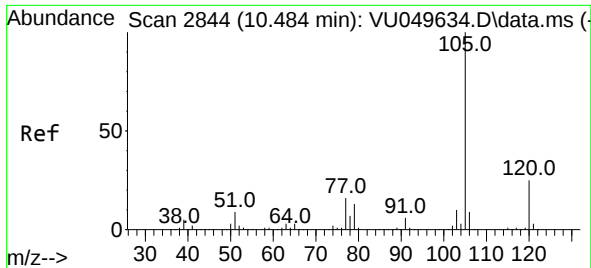
Ion Ratio Lower Upper

152 100

115 66.1 0.0 254.6

150 163.2 0.0 623.6

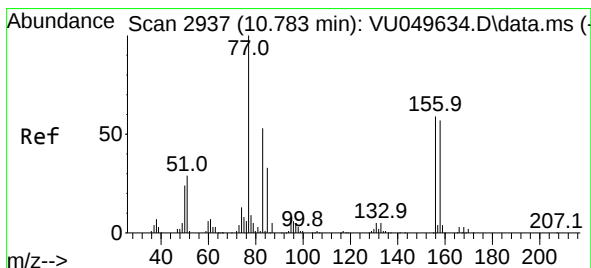
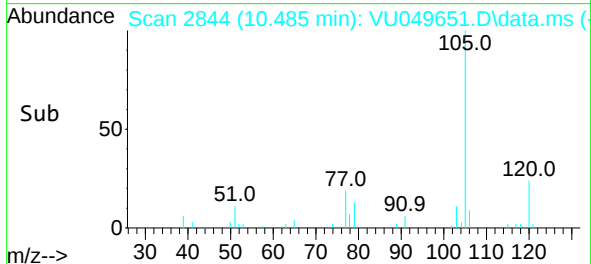
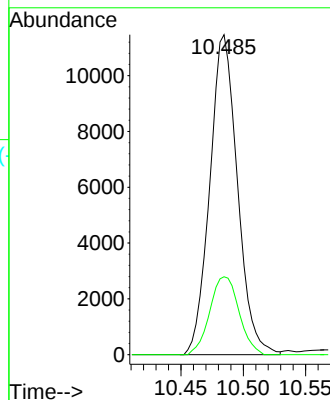
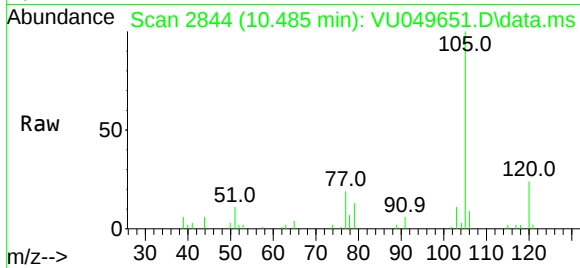




#69
Isopropylbenzene
Concen: 0.366 ug/l
RT: 10.485 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU049651.D
Acq: 07 Jul 2022 14:03

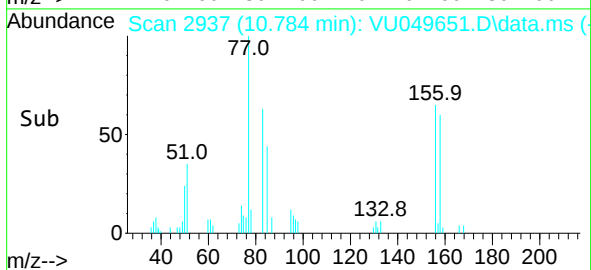
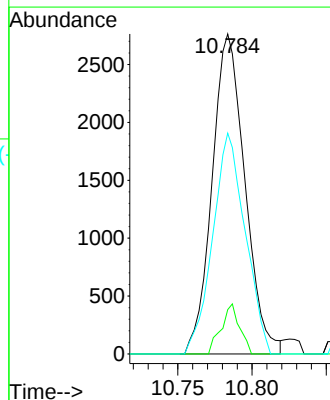
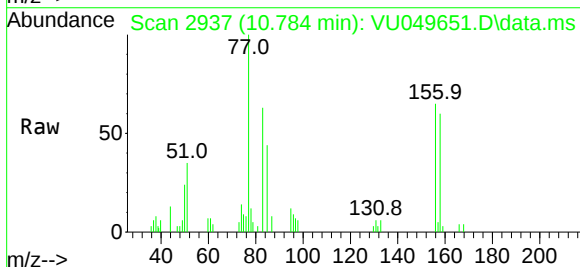
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2022

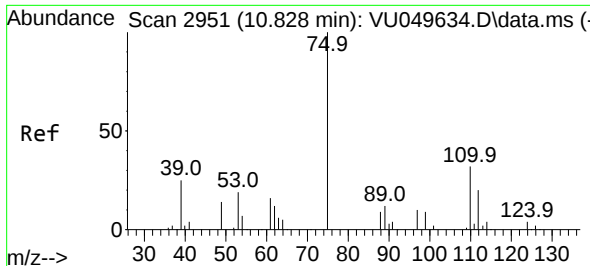
Tgt Ion:105 Resp: 17744
Ion Ratio Lower Upper
105 100
120 25.7 12.6 37.8



#70
1,1,2,2-Tetrachloroethane
Concen: 0.413 ug/l
RT: 10.784 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VU049651.D
Acq: 07 Jul 2022 14:03

Tgt Ion: 83 Resp: 4244
Ion Ratio Lower Upper
83 100
131 8.8 7.7 11.5
85 68.4 51.2 76.8

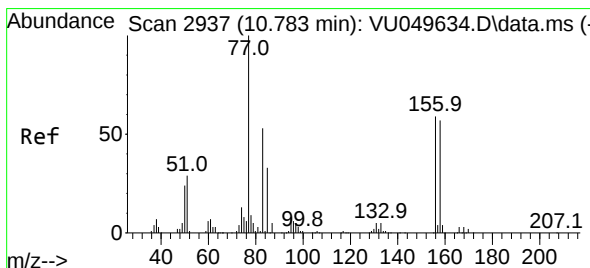
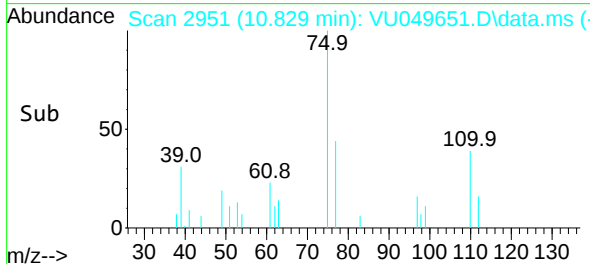
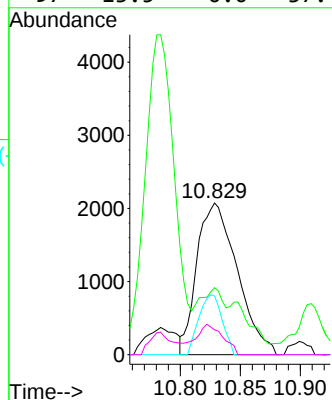
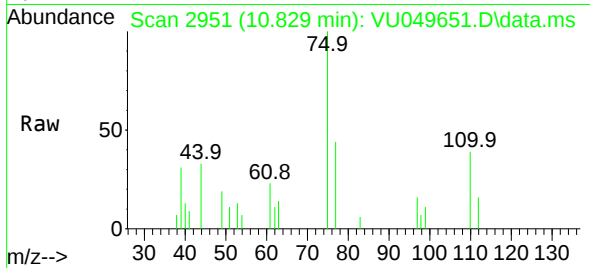




#71
1,2,3-Trichloropropane
Concen: 0.570 ug/l
RT: 10.829 min Scan# 2951
Delta R.T. 0.000 min
Lab File: VU049651.D
Acq: 07 Jul 2022 14:03

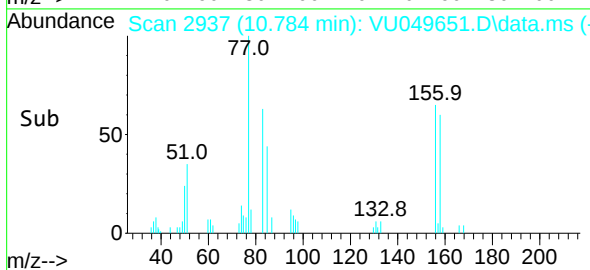
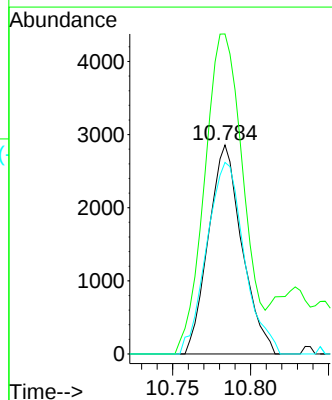
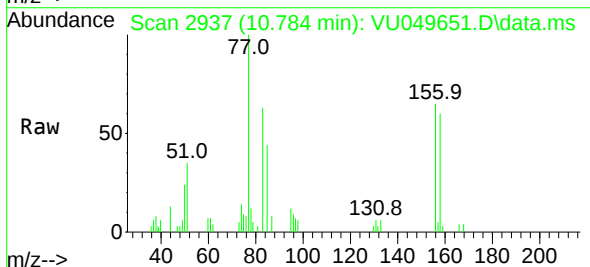
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2022

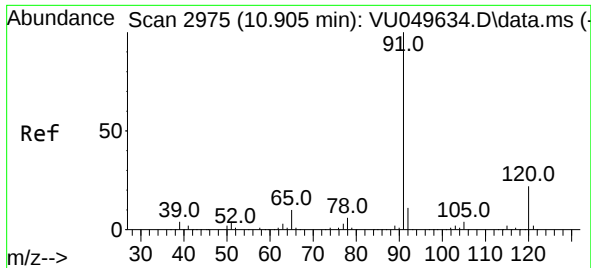
Tgt Ion:	75	Resp:	4847
Ion Ratio	Lower	Upper	
75	100		
77	7.9	0.0	112.4
110	22.8	0.0	70.6
97	13.5	0.0	37.4



#72
Bromobenzene
Concen: 0.392 ug/l
RT: 10.784 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VU049651.D
Acq: 07 Jul 2022 14:03

Tgt Ion:	156	Resp:	4277
Ion Ratio	Lower	Upper	
156	100		
77	176.0	0.0	344.4
158	102.4	0.0	192.2

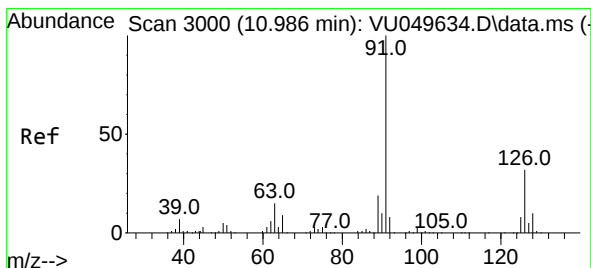
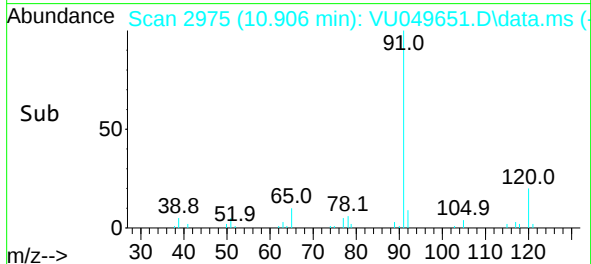
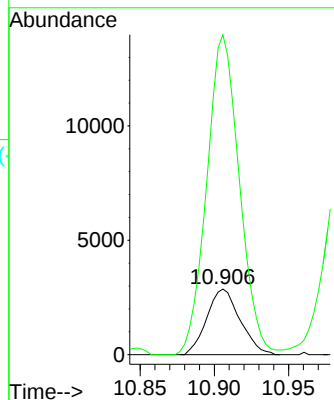
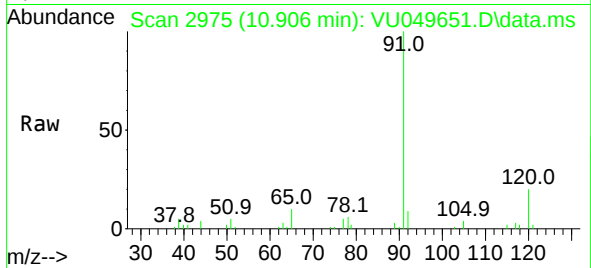




#73
n-propylbenzene
Concen: 0.365 ug/l
RT: 10.906 min Scan# 2975
Delta R.T. 0.000 min
Lab File: VU049651.D
Acq: 07 Jul 2022 14:03

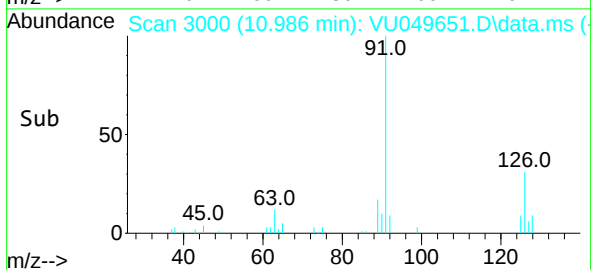
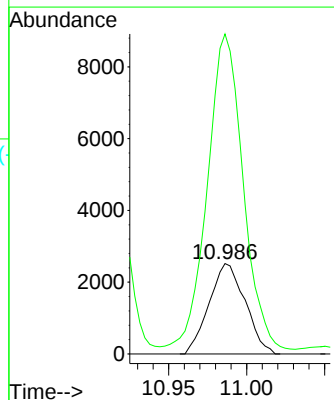
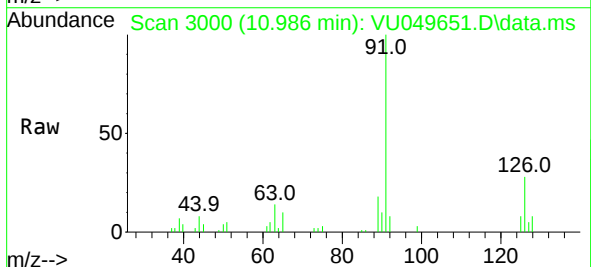
Instrument : MSVOA_U
ClientSampleId : LOQ-WATER-02-QT2-2022

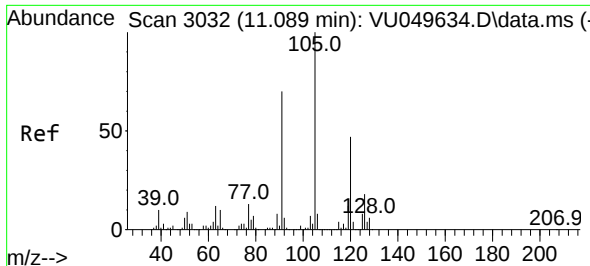
Tgt Ion:120 Resp: 4470
Ion Ratio Lower Upper
120 100
91 478.7 367.8 551.6



#74
2-Chlorotoluene
Concen: 0.371 ug/l
RT: 10.986 min Scan# 3000
Delta R.T. 0.000 min
Lab File: VU049651.D
Acq: 07 Jul 2022 14:03

Tgt Ion:126 Resp: 4045
Ion Ratio Lower Upper
126 100
91 349.2 0.0 620.6

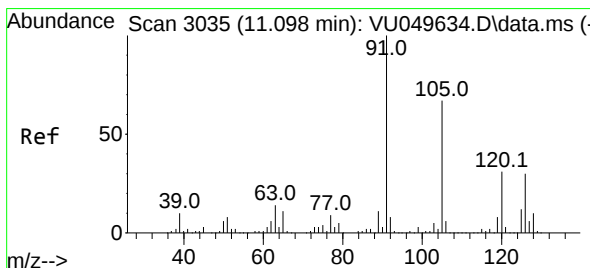
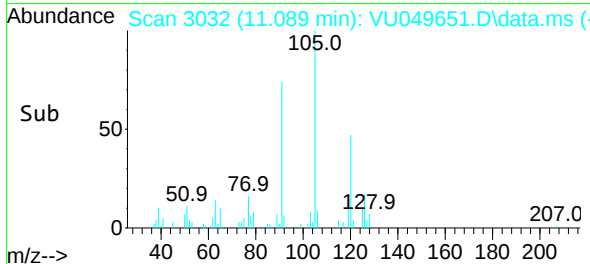
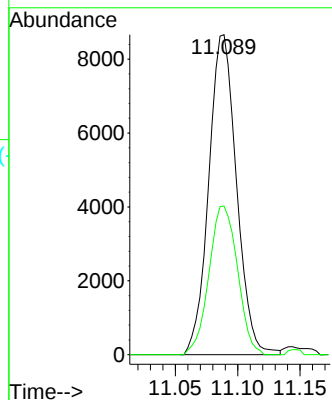
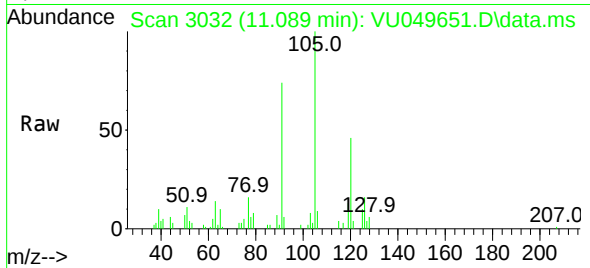




#75
1,3,5-Trimethylbenzene
Concen: 0.332 ug/l
RT: 11.089 min Scan# 3032
Delta R.T. 0.000 min
Lab File: VU049651.D
Acq: 07 Jul 2022 14:03

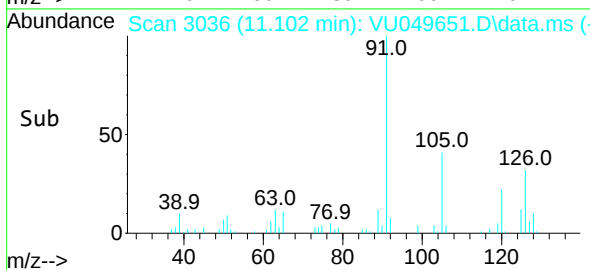
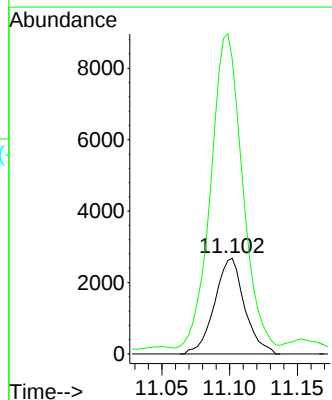
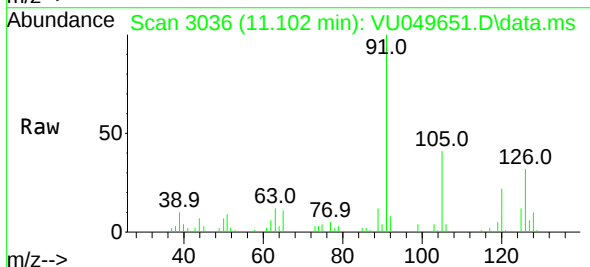
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2022

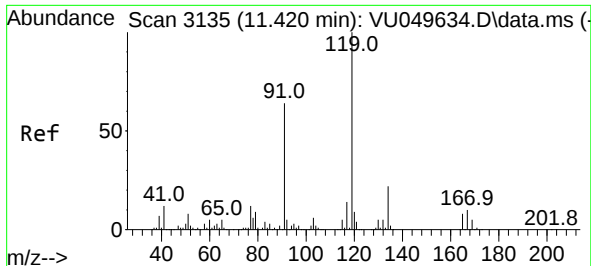
Tgt Ion:105 Resp: 13449
Ion Ratio Lower Upper
105 100
120 47.6 37.6 56.4



#76
4-Chlorotoluene
Concen: 0.375 ug/l
RT: 11.102 min Scan# 3036
Delta R.T. 0.003 min
Lab File: VU049651.D
Acq: 07 Jul 2022 14:03

Tgt Ion:126 Resp: 4105
Ion Ratio Lower Upper
126 100
91 353.0 0.0 738.8

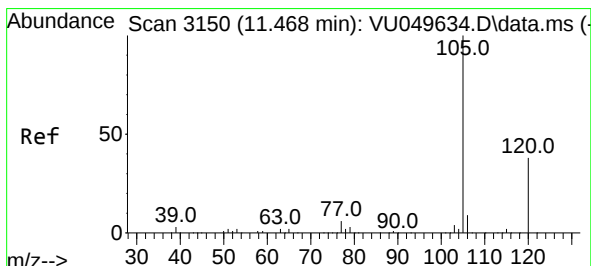
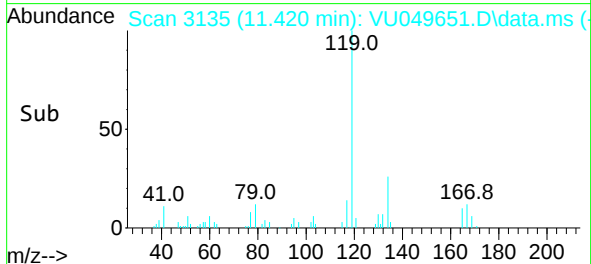
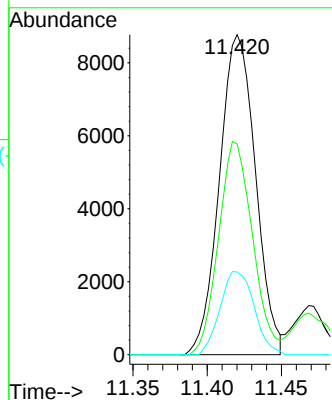
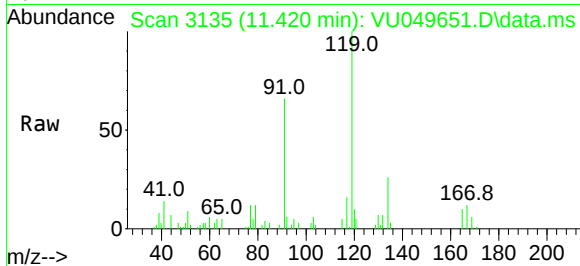




#77
tert-Butylbenzene
Concen: 0.372 ug/l
RT: 11.420 min Scan# 3135
Delta R.T. 0.000 min
Lab File: VU049651.D
Acq: 07 Jul 2022 14:03

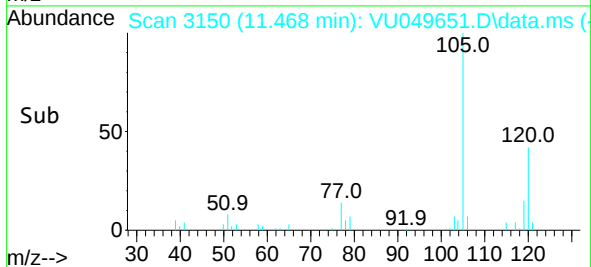
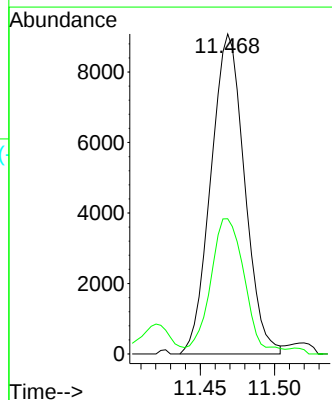
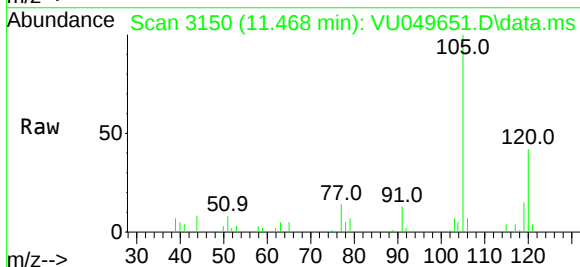
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2022

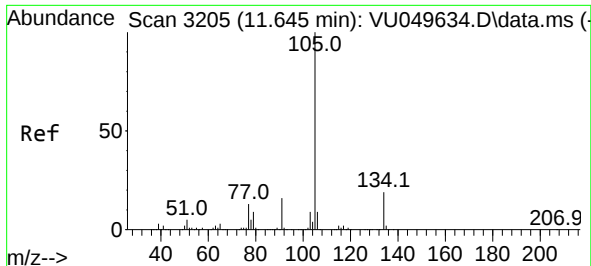
Tgt Ion:	119	Resp:	14844
Ion	Ratio	Lower	Upper
119	100		
91	62.8	30.4	91.3
134	24.5	17.8	26.6



#78
1,2,4-Trimethylbenzene
Concen: 0.352 ug/l
RT: 11.468 min Scan# 3150
Delta R.T. 0.000 min
Lab File: VU049651.D
Acq: 07 Jul 2022 14:03

Tgt Ion:	105	Resp:	14317
Ion	Ratio	Lower	Upper
105	100		
120	40.1	21.6	65.0

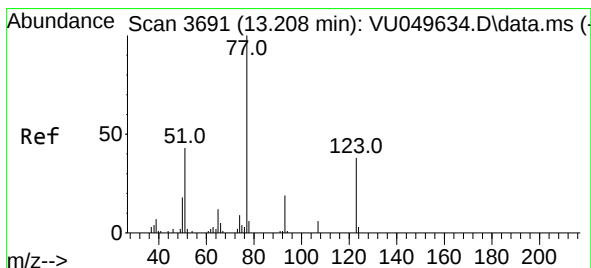
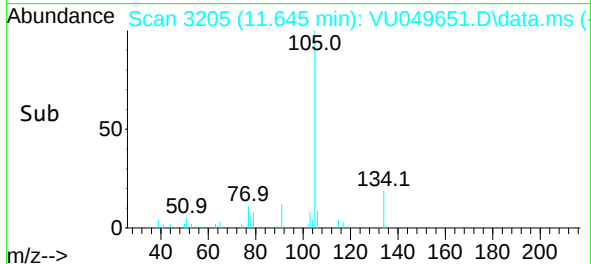
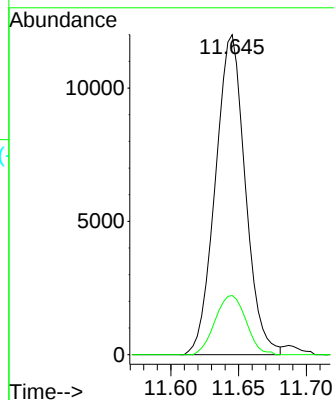
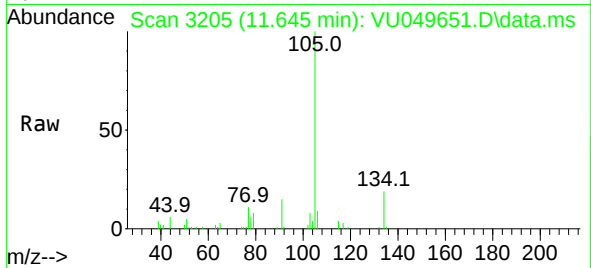




#79
 sec-Butylbenzene
 Concen: 0.353 ug/l
 RT: 11.645 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU049651.D
 Acq: 07 Jul 2022 14:03

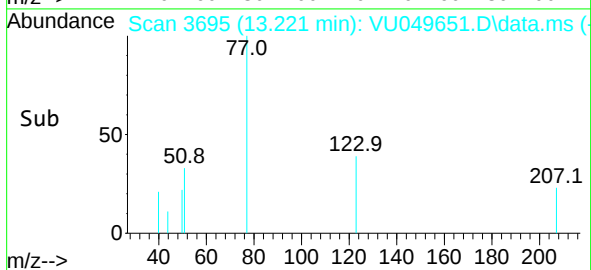
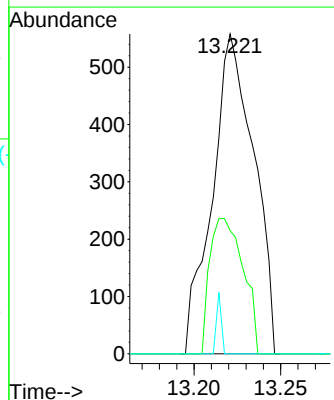
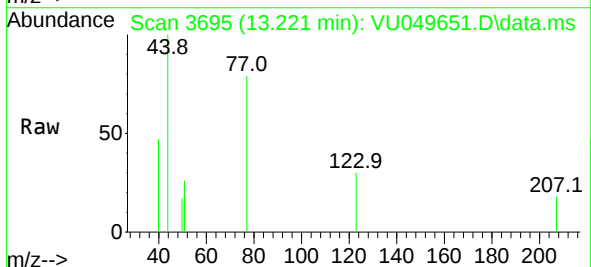
Instrument :
 MSVOA_U
 ClientSampleId :
 LOQ-WATER-02-QT2-2022

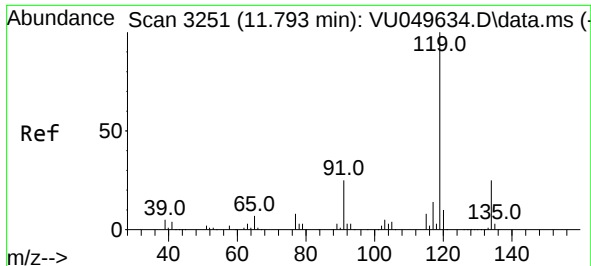
Tgt Ion:105 Resp: 18455
 Ion Ratio Lower Upper
 105 100
 134 19.1 15.4 23.0



#80
 Nitrobenzene
 Concen: 2.219 ug/l
 RT: 13.221 min Scan# 3695
 Delta R.T. 0.013 min
 Lab File: VU049651.D
 Acq: 07 Jul 2022 14:03

Tgt Ion: 77 Resp: 932
 Ion Ratio Lower Upper
 77 100
 123 33.9 18.1 64.3
 65 2.3 10.8 13.8#

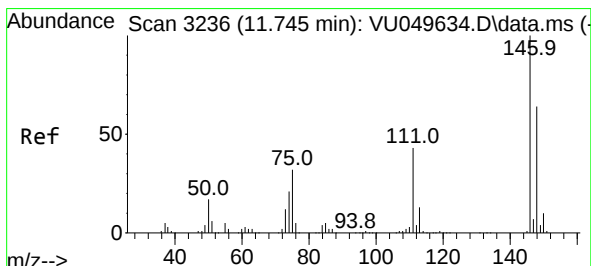
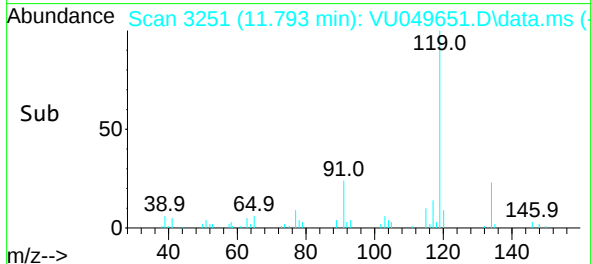
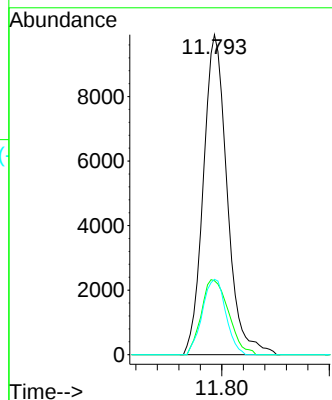
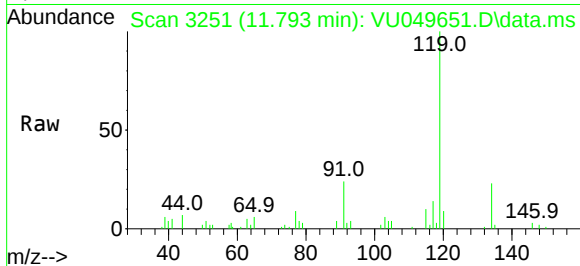




#81
p-Isopropyltoluene
Concen: 0.358 ug/l
RT: 11.793 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU049651.D
Acq: 07 Jul 2022 14:03

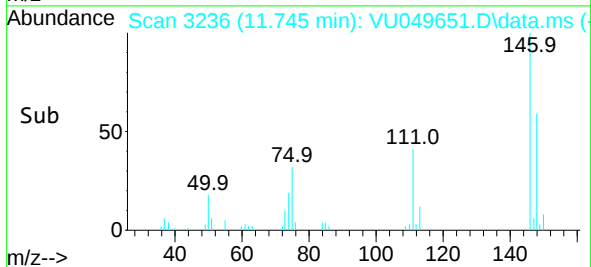
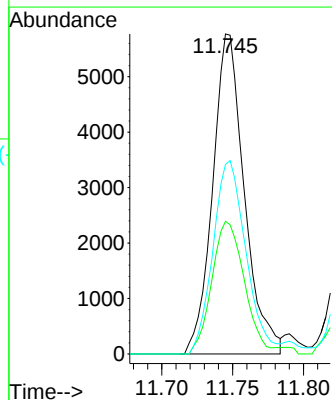
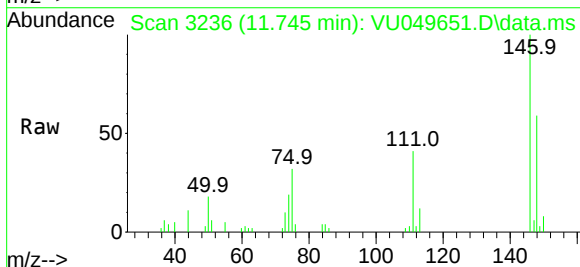
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2022

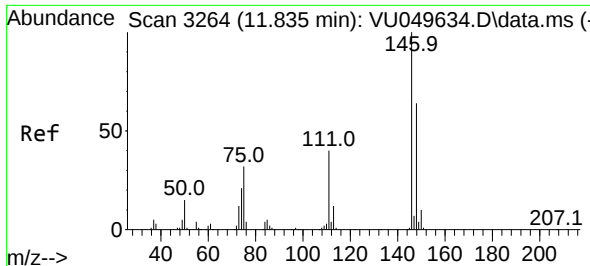
Tgt Ion:	119	Resp:	15210
Ion	Ratio	Lower	Upper
119	100		
134	26.8	20.5	30.7
91	23.2	19.8	29.6



#82
1,3-Dichlorobenzene
Concen: 0.424 ug/l
RT: 11.745 min Scan# 3236
Delta R.T. 0.000 min
Lab File: VU049651.D
Acq: 07 Jul 2022 14:03

Tgt Ion:	146	Resp:	8964
Ion	Ratio	Lower	Upper
146	100		
111	42.6	33.4	50.2
148	62.9	51.2	76.8

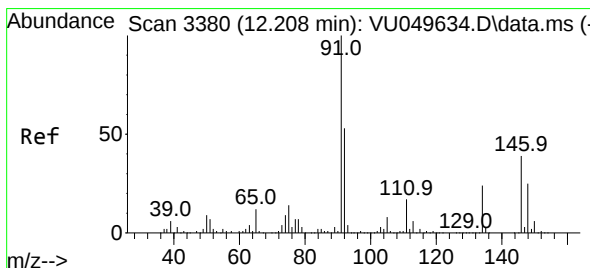
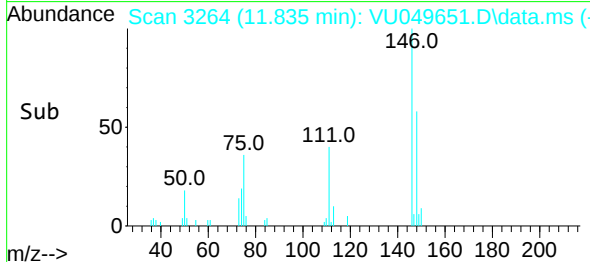
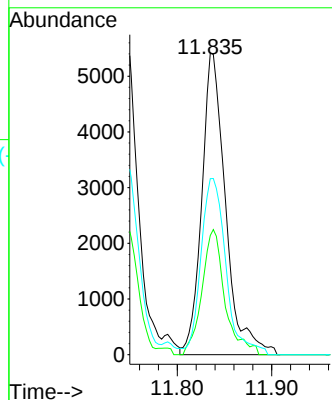
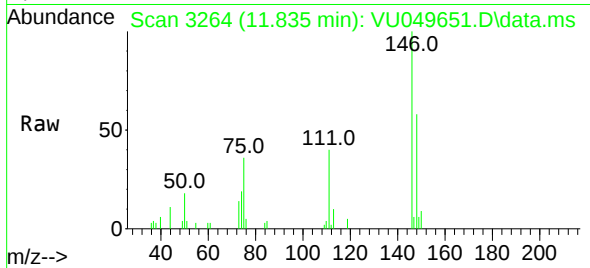




#83
1,4-Dichlorobenzene
Concen: 0.445 ug/l
RT: 11.835 min Scan# 3264
Delta R.T. 0.000 min
Lab File: VU049651.D
Acq: 07 Jul 2022 14:03

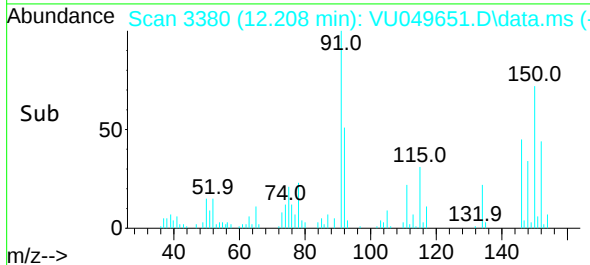
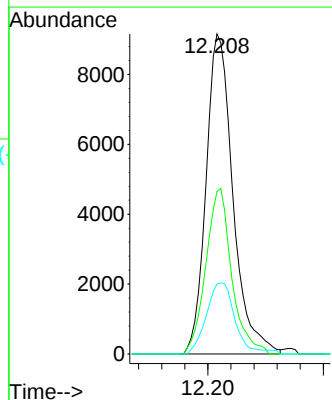
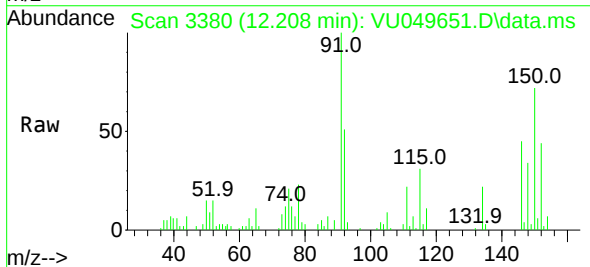
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2022

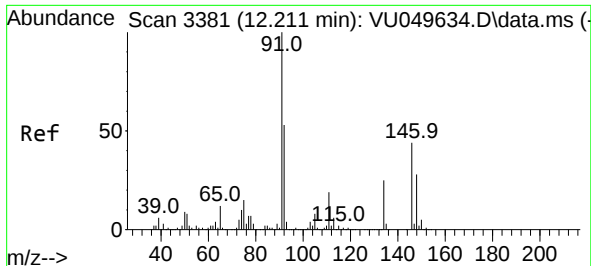
Tgt Ion:	146	Resp:	9493
Ion	Ratio	Lower	Upper
146	100		
111	39.9	32.6	49.0
148	61.1	51.6	77.4



#84
n-Butylbenzene
Concen: 0.375 ug/l
RT: 12.208 min Scan# 3380
Delta R.T. 0.000 min
Lab File: VU049651.D
Acq: 07 Jul 2022 14:03

Tgt Ion:	91	Resp:	14811
Ion	Ratio	Lower	Upper
91	100		
92	49.7	42.3	63.5
134	23.7	19.6	29.4

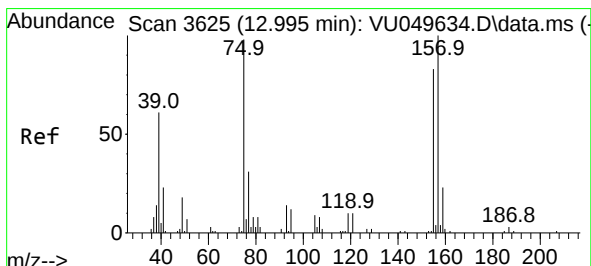
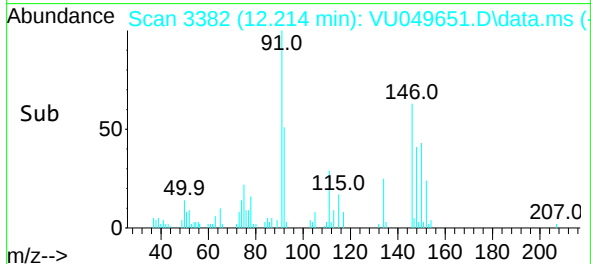
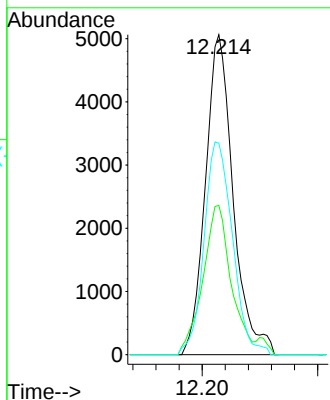
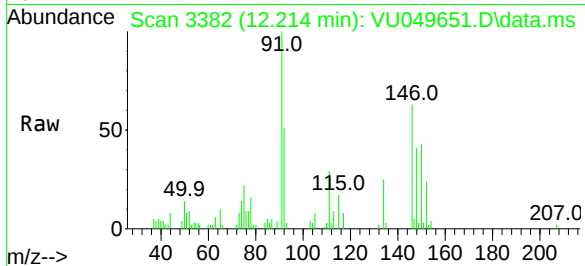




#85
 1,2-Dichlorobenzene
 Concen: 0.412 ug/l
 RT: 12.214 min Scan# 311
 Delta R.T. 0.003 min
 Lab File: VU049651.D
 Acq: 07 Jul 2022 14:03

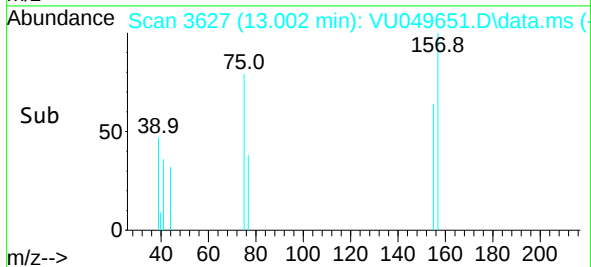
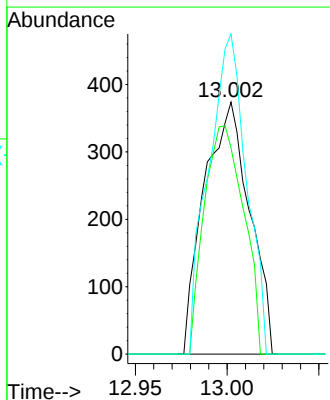
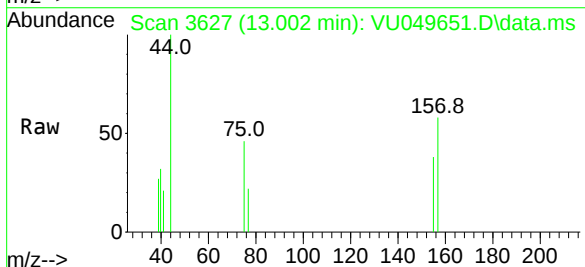
Instrument :
 MSVOA_U
 ClientSampleId :
 LOQ-WATER-02-QT2-2022

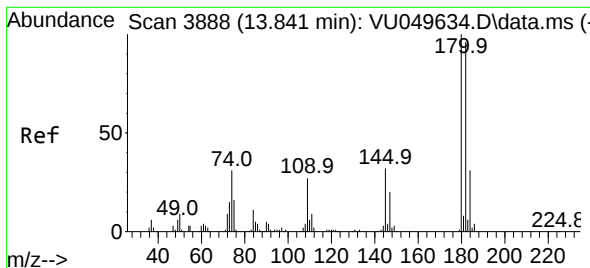
Tgt Ion:146 Resp: 8442
 Ion Ratio Lower Upper
 146 100
 111 47.4 22.1 66.1
 148 68.4 32.1 96.3



#86
 1,2-Dibromo-3-Chloropropane
 Concen: 0.360 ug/l
 RT: 13.002 min Scan# 3627
 Delta R.T. 0.007 min
 Lab File: VU049651.D
 Acq: 07 Jul 2022 14:03

Tgt Ion: 75 Resp: 644
 Ion Ratio Lower Upper
 75 100
 155 78.4 66.8 100.2
 157 106.4 83.8 125.8





#87

1,2,4-Trichlorobenzene

Concen: 0.458 ug/l

RT: 13.841 min Scan# 3888

Delta R.T. 0.000 min

Lab File: VU049651.D

Acq: 07 Jul 2022 14:03

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT2-2022

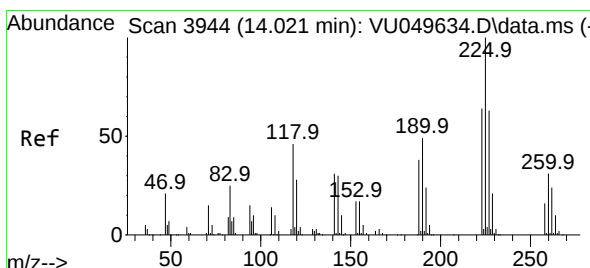
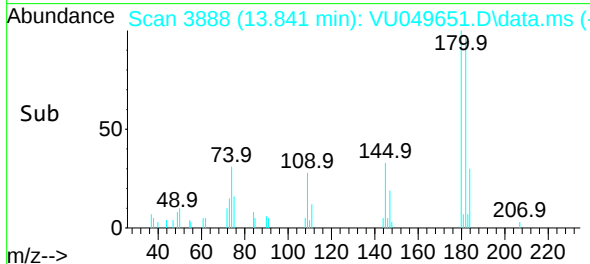
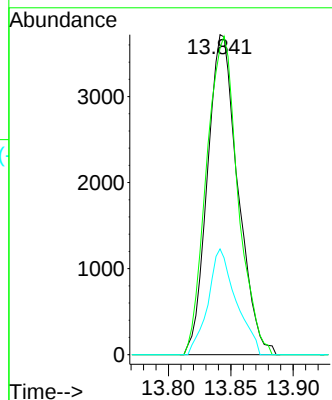
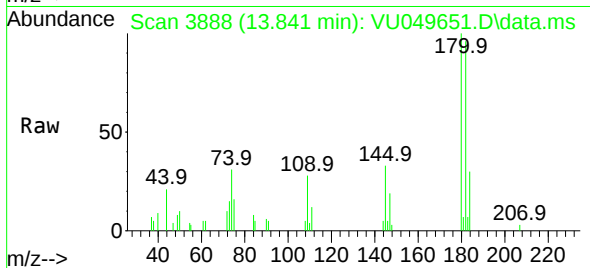
Tgt Ion:180 Resp: 6327

Ion Ratio Lower Upper

180 100

182 102.3 77.0 115.6

145 30.4 25.7 38.5



#88

Hexachlorobutadiene

Concen: 0.467 ug/l

RT: 14.021 min Scan# 3944

Delta R.T. 0.000 min

Lab File: VU049651.D

Acq: 07 Jul 2022 14:03

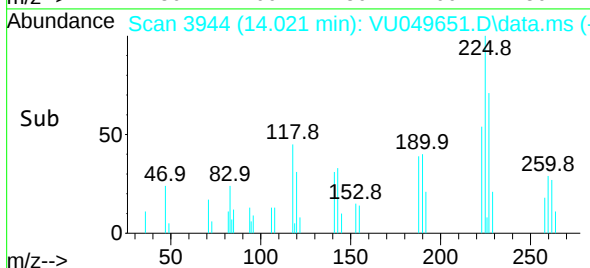
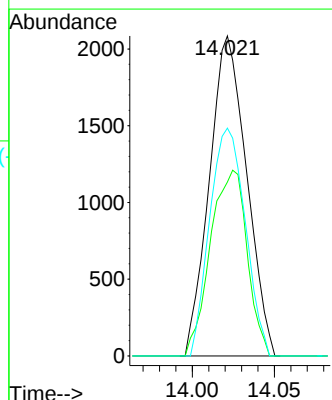
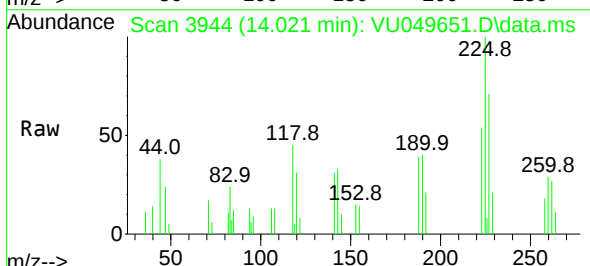
Tgt Ion:225 Resp: 3285

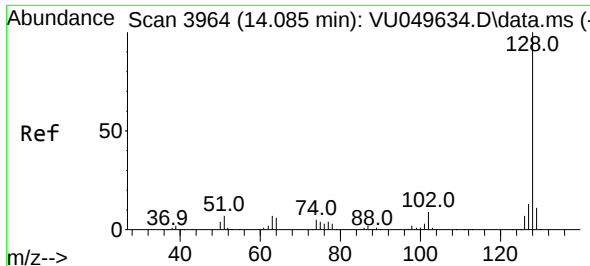
Ion Ratio Lower Upper

225 100

223 57.1 50.6 76.0

227 68.0 50.7 76.1

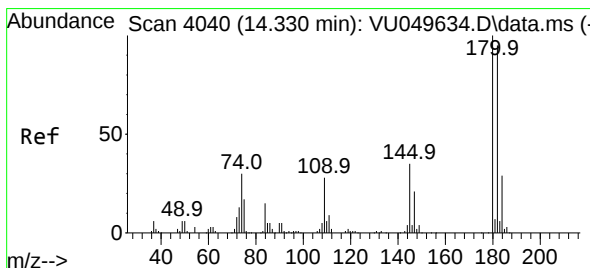
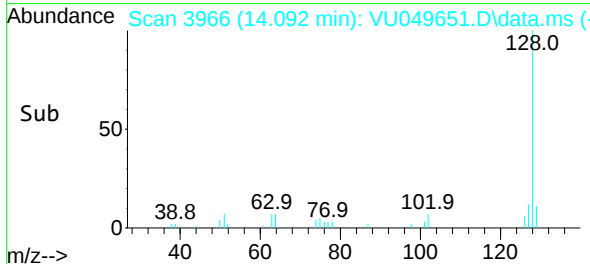
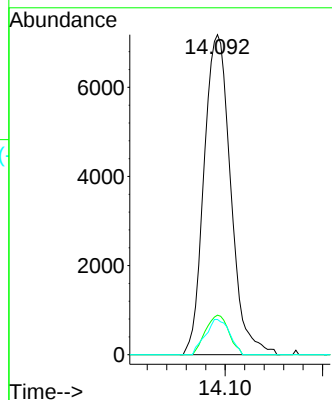
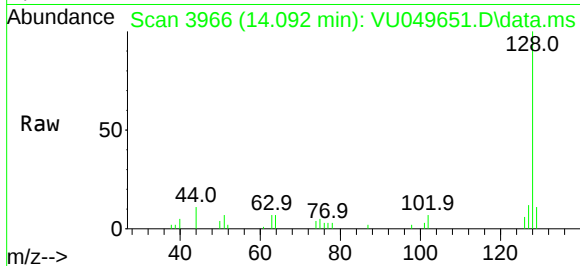




#89
Naphthalene
Concen: 0.472 ug/l
RT: 14.092 min Scan# 3965
Delta R.T. 0.007 min
Lab File: VU049651.D
Acq: 07 Jul 2022 14:03

Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2022

Tgt Ion:128 Resp: 13663
Ion Ratio Lower Upper
128 100
127 10.8 10.1 15.1
129 10.0 8.6 12.8



#90
1,2,3-Trichlorobenzene
Concen: 0.458 ug/l
RT: 14.333 min Scan# 4041
Delta R.T. 0.003 min
Lab File: VU049651.D
Acq: 07 Jul 2022 14:03

Tgt Ion:180 Resp: 6034
Ion Ratio Lower Upper
180 100
182 96.7 76.6 114.8
145 30.8 27.3 40.9

