

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082222\
 Data File : VU050406.D
 Acq On : 22 Aug 2022 19:24
 Operator : SY/MD
 Sample : N3980-08 0.5ppb
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 LOQ-WATER-02-QT3-2022

Quant Time: Aug 23 09:11:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U081922DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Aug 23 09:08:23 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.118	96	32063	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.639	95	9082	0.832	ug/l	0.00
Spiked Amount 1.000			Recovery	=	83.000%	
68) 1,2-Dichlorobenzene-d4	12.198	152	11044	0.856	ug/l	0.00
Spiked Amount 1.000			Recovery	=	86.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	6315	0.476	ug/l	93
3) Chloromethane	1.520	50	9380	0.581	ug/l	98
4) Vinyl Chloride	1.604	62	7484	0.542	ug/l	95
5) Bromomethane	1.858	94	2327	0.412	ug/l	84
6) Chloroethane	1.935	64	4968	0.595	ug/l	94
7) Trichlorofluoromethane	2.141	101	8975	0.521	ug/l	97
8) 1,1,2-Trichloro-1,2,2-...	2.588	101	5002	0.519	ug/l	95
9) 1,1-Dichloroethene	2.584	96	4839	0.512	ug/l	94
10) Iodomethane	2.732	142	1389	0.178	ug/l	92
11) Allyl Chloride	2.938	41	8037	0.552	ug/l	96
12) Acrylonitrile	3.353	53	2736	0.966	ug/l	95
13) Acetone	2.642	43	4345	2.194	ug/l	100
14) Carbon Disulfide	2.803	76	16227	0.555	ug/l	96
15) Methylene Chloride	3.064	84	8622	0.675	ug/l	93
16) trans-1,2-Dichloroethene	3.375	96	5456	0.559	ug/l	94
17) 1,1-Dichloroethane	3.887	63	10977	0.540	ug/l	99
18) 2-Butanone	4.761	43	6565	2.107	ug/l	99
19) Cyclohexane	5.366	56	7603	0.515	ug/l	90
20) Methylcyclohexane	6.790	83	4970	0.427	ug/l	98
21) 2,2-Dichloropropane	4.671	77	7443	0.482	ug/l	96
22) cis-1,2-Dichloroethene	4.674	96	5811	0.526	ug/l	88
23) Diethyl Ether	2.382	59	4160	0.513	ug/l	94
24) tert-Butyl Alcohol	3.221	59	3795	4.423	ug/l #	73
25) Methyl tert-Butyl Ether	3.398	73	13110	0.523	ug/l	94
26) Bromochloromethane	4.973	128	2419	0.546	ug/l	87
27) Chloroform	5.089	83	11295	0.573	ug/l	92
28) 1,1,1-Trichloroethane	5.308	97	8918	0.531	ug/l	97
29) 1,1-Dichloropropene	5.510	75	7774	0.577	ug/l	92
30) Carbon Tetrachloride	5.507	117	7270	0.540	ug/l	84
31) Isopropyl Ether	4.028	45	17485	0.554	ug/l	90
32) Ethyl-t-butyl ether	4.536	59	12080	0.488	ug/l	98
33) Tert-Amyl methyl ether	5.964	73	6843	0.424	ug/l	96
34) Propionitrile	4.771	54	165	0.179	ug/l #	1
35) Benzene	5.761	78	21151	0.534	ug/l	98
36) 1,2-Dichloroethane	5.797	62	6608	0.547	ug/l #	93
37) Trichloroethene	6.571	130	4564	0.481	ug/l	88
38) 1,2-Dichloropropane	6.829	63	5426	0.511	ug/l	96
39) Methacrylonitrile	4.999	41	2224	0.589	ug/l #	57
40) Methyl acrylate	4.874	55	3661	0.636	ug/l #	90
41) Tetrahydrofuran	5.096	42	2381	1.259	ug/l #	77
42) 1-Chlorobutane	5.446	56	10599	0.553	ug/l	96
43) Dibromomethane	6.960	93	2875	0.502	ug/l	95
44) Bromodichloromethane	7.141	83	7209	0.533	ug/l	96

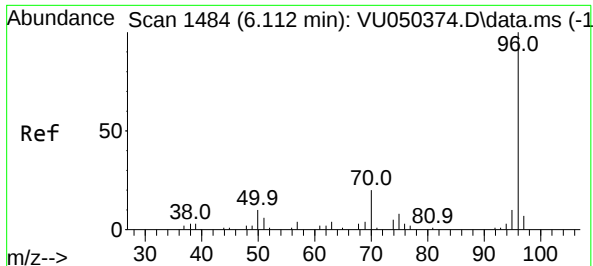
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 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Aug 23 09:08:23 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.835	43	11933	2.076	ug/l	95
46) t-1,4-Dichloro-2-butene	10.832	75	5577	1.922	ug/l #	34
47) Methyl methacrylate	7.012	69	3526	0.823	ug/l #	92
48) Ethyl methacrylate	8.366	69	2750	0.352	ug/l	99
49) Toluene	7.989	92	8785	0.413	ug/l	98
50) t-1,3-Dichloropropene	8.234	75	4508	0.428	ug/l	89
51) cis-1,3-Dichloropropene	7.636	75	5137	0.426	ug/l	99
52) 1,1,2-Trichloroethane	8.420	97	4192	0.498	ug/l	95
53) 1,3-Dichloropropane	8.594	76	6291	0.475	ug/l	99
54) 2-Hexanone	8.716	43	7728	1.930	ug/l	90
55) Dibromochloromethane	8.825	129	4686	0.506	ug/l	96
56) 1,2-Dibromoethane	8.944	107	3558	0.471	ug/l	98
58) Tetrachloroethene	8.568	164	4508	0.505	ug/l	93
59) Chlorobenzene	9.459	112	10410	0.454	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.549	131	4829	0.501	ug/l	95
61) Pentachloroethane	11.430	117	3657	0.456	ug/l	95
62) Hexachloroethane	12.478	117	3328	0.498	ug/l	96
63) Ethyl Benzene	9.581	91	13829	0.378	ug/l	96
64) m/p-Xylenes	9.703	106	9999	0.702	ug/l	94
65) o-Xylene	10.111	106	5298	0.390	ug/l	94
66) Styrene	10.124	104	7521	0.326	ug/l	96
67) Bromoform	10.301	173	2484	0.472	ug/l #	97
69) Isopropylbenzene	10.491	105	12695	0.360	ug/l	98
70) 1,1,2,2-Tetrachloroethane	10.790	83	5874	0.507	ug/l	97
71) 1,2,3-Trichloropropane	10.832	75	5577	0.640	ug/l #	53
72) Bromobenzene	10.790	156	4212	0.425	ug/l	90
73) n-propylbenzene	10.912	120	3177	0.331	ug/l	87
74) 2-Chlorotoluene	10.993	126	3535	0.379	ug/l	88
75) 1,3,5-Trimethylbenzene	11.092	105	10201	0.327	ug/l	99
76) 4-Chlorotoluene	11.105	126	3365	0.352	ug/l	78
77) tert-Butylbenzene	11.427	119	11269	0.367	ug/l	96
78) 1,2,4-Trimethylbenzene	11.472	105	10357	0.322	ug/l	93
79) sec-Butylbenzene	11.648	105	14464	0.359	ug/l	100
80) Nitrobenzene	13.217	77	1693	2.694	ug/l #	65
81) p-Isopropyltoluene	11.796	119	11171	0.347	ug/l	98
82) 1,3-Dichlorobenzene	11.751	146	9099	0.446	ug/l	95
83) 1,4-Dichlorobenzene	11.841	146	8466	0.417	ug/l	98
84) n-Butylbenzene	12.211	91	11681	0.384	ug/l	97
85) 1,2-Dichlorobenzene	12.214	146	8525	0.425	ug/l	98
86) 1,2-Dibromo-3-Chloropr...	13.002	75	777	0.425	ug/l #	88
87) 1,2,4-Trichlorobenzene	13.844	180	5646	0.493	ug/l	98
88) Hexachlorobutadiene	14.021	225	3713	0.499	ug/l	95
89) Naphthalene	14.092	128	10703	0.425	ug/l	99
90) 1,2,3-Trichlorobenzene	14.333	180	5553	0.461	ug/l	98

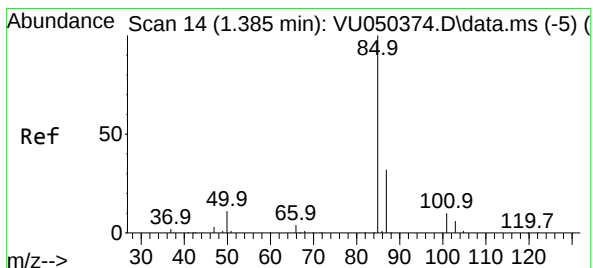
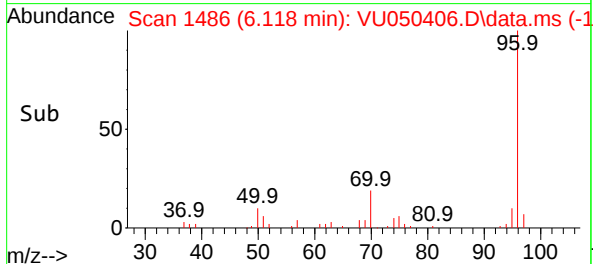
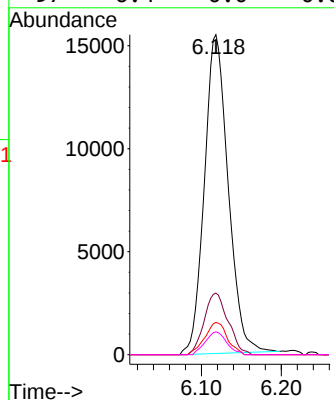
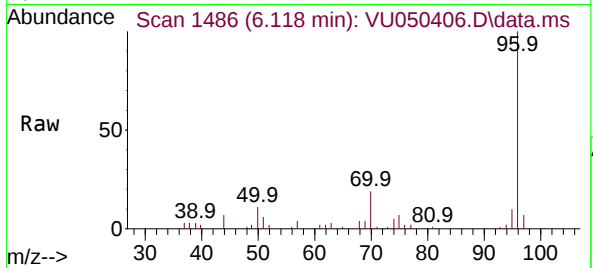
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.118 min Scan# 14
Delta R.T. 0.003 min
Lab File: VU050406.D
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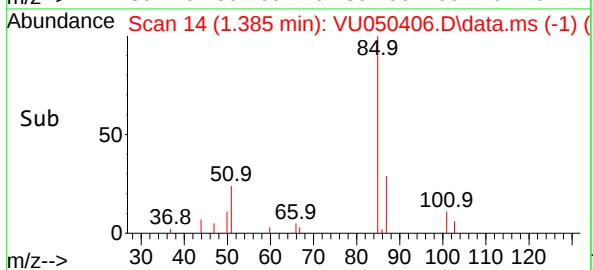
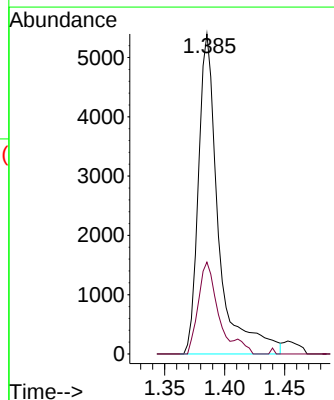
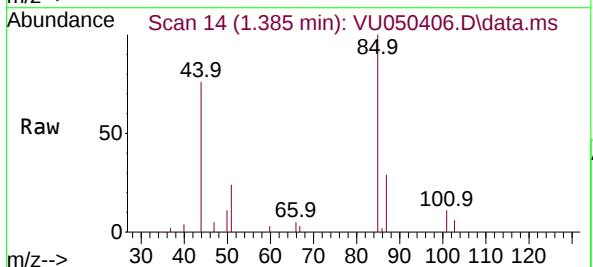
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT3-2022

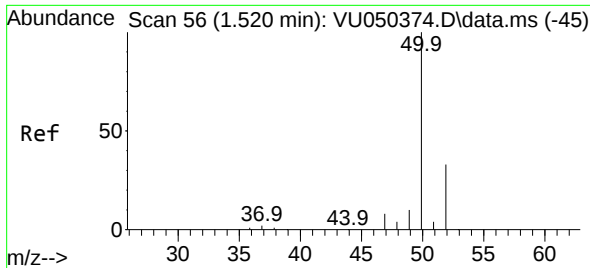
Tgt Ion: 96	Resp: 32063
Ion Ratio	Lower Upper
96 100	
70 19.3	16.7 25.1
95 9.6	7.4 11.0
97 6.4	0.0 0.0



#2
Dichlorodifluoromethane
Concen: 0.476 ug/l
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU050406.D
Acq: 22 Aug 2022 19:24

Tgt Ion: 85	Resp: 6315
Ion Ratio	Lower Upper
85 100	
87 28.7	16.3 48.8

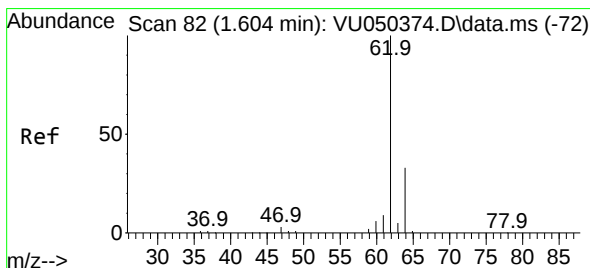
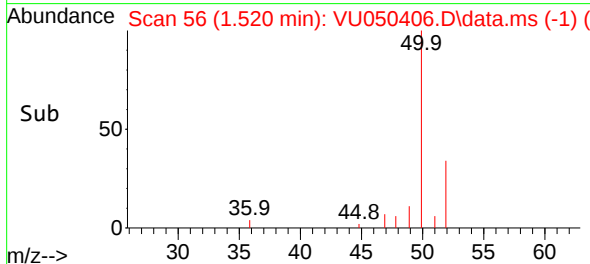
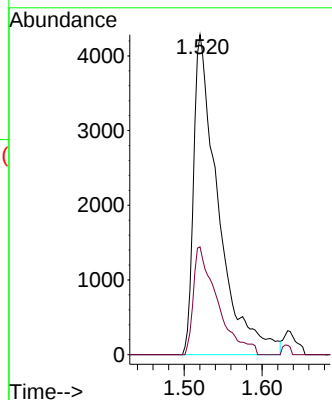
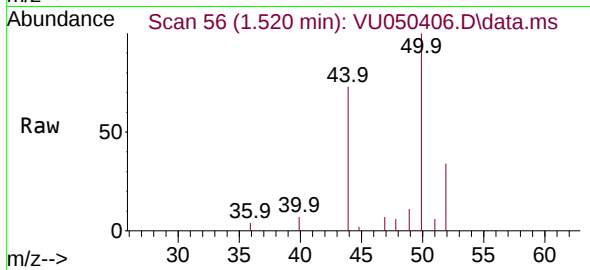




#3
Chloromethane
Concen: 0.581 ug/l
RT: 1.520 min Scan# 50
Delta R.T. 0.000 min
Lab File: VU050406.D
Acq: 22 Aug 2022 19:24

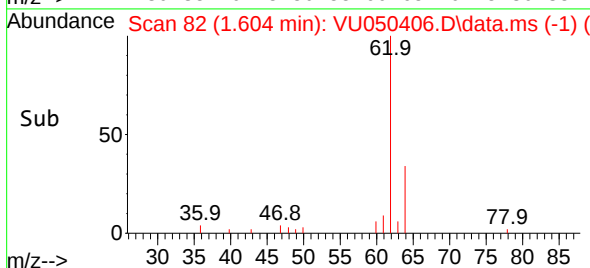
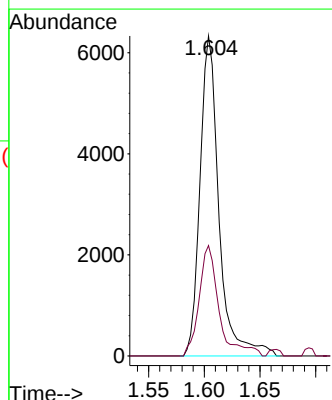
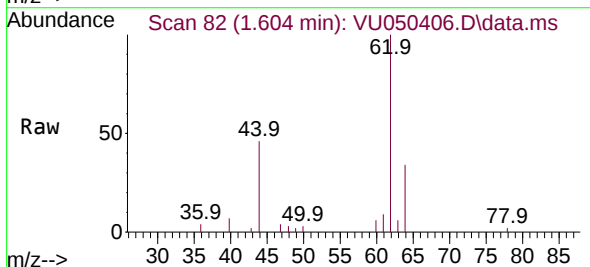
Instrument :
MSVOA_U
ClientSampleId :
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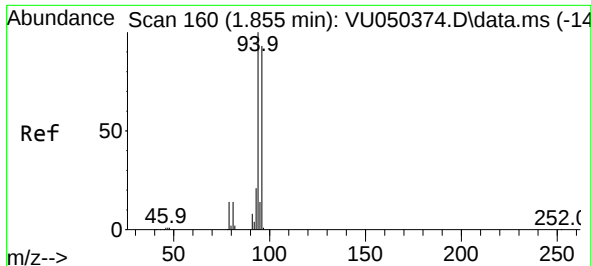
Tgt Ion: 50 Resp: 9380
Ion Ratio Lower Upper
50 100
52 33.7 26.1 39.1



#4
Vinyl Chloride
Concen: 0.542 ug/l
RT: 1.604 min Scan# 82
Delta R.T. 0.000 min
Lab File: VU050406.D
Acq: 22 Aug 2022 19:24

Tgt Ion: 62 Resp: 7484
Ion Ratio Lower Upper
62 100
64 34.5 25.5 38.3

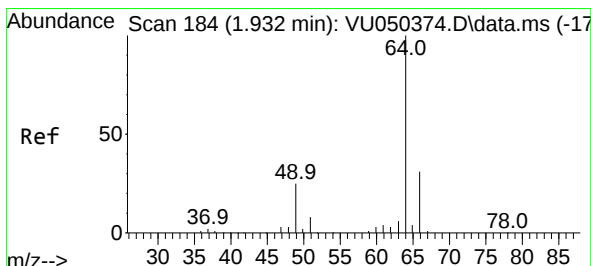
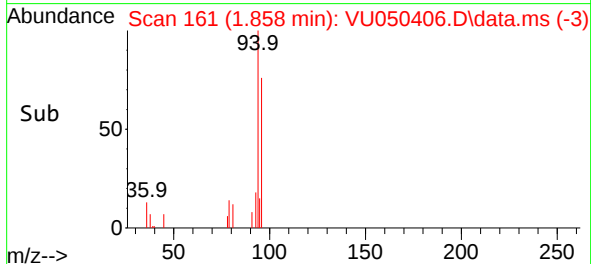
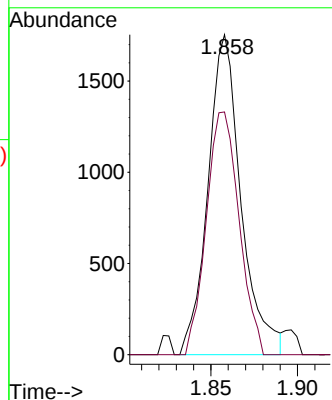
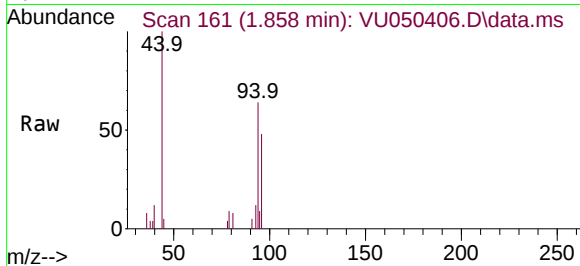




#5
Bromomethane
Concen: 0.412 ug/l
RT: 1.858 min Scan# 161
Delta R.T. 0.007 min
Lab File: VU050406.D
Acq: 22 Aug 2022 19:24

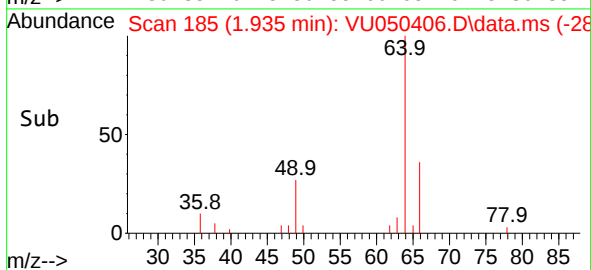
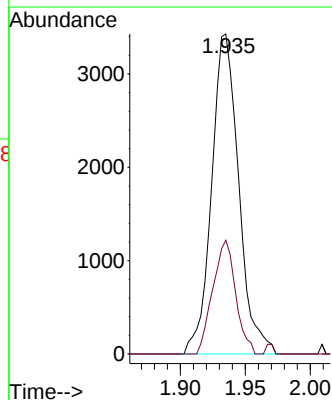
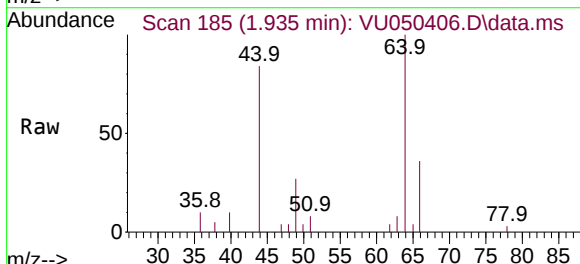
Instrument :
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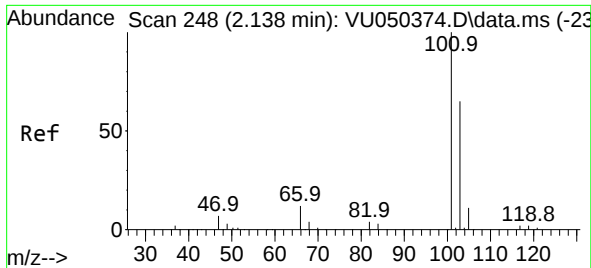
Tgt Ion: 94 Resp: 2327
Ion Ratio Lower Upper
94 100
96 75.8 73.0 109.6



#6
Chloroethane
Concen: 0.595 ug/l
RT: 1.935 min Scan# 185
Delta R.T. 0.003 min
Lab File: VU050406.D
Acq: 22 Aug 2022 19:24

Tgt Ion: 64 Resp: 4968
Ion Ratio Lower Upper
64 100
66 35.5 25.8 38.6

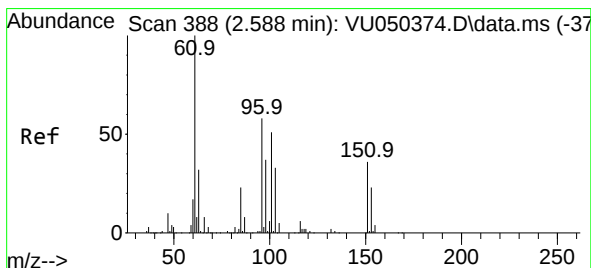
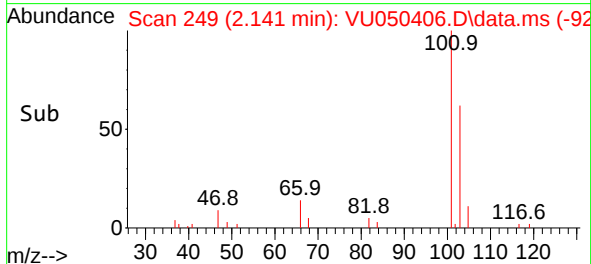
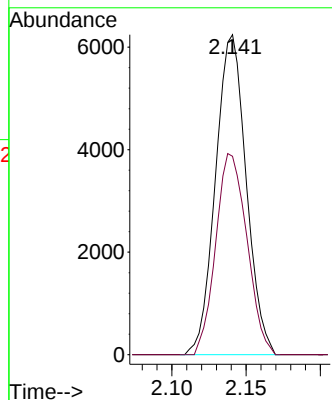
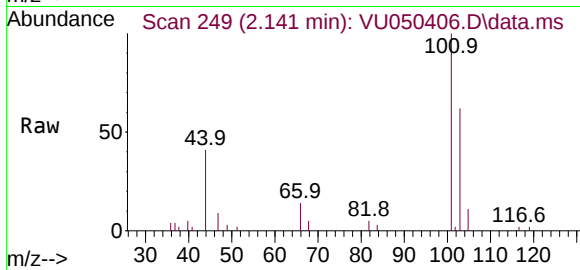




#7
 Trichlorofluoromethane
 Concen: 0.521 ug/l
 RT: 2.141 min Scan# 248
 Delta R.T. 0.003 min
 Lab File: VU050406.D
 Acq: 22 Aug 2022 19:24

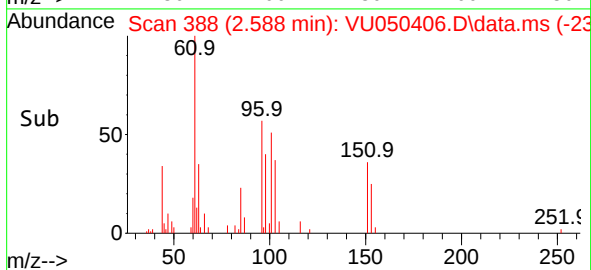
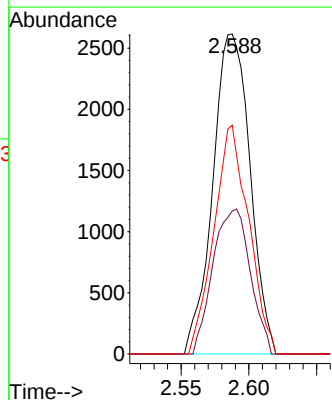
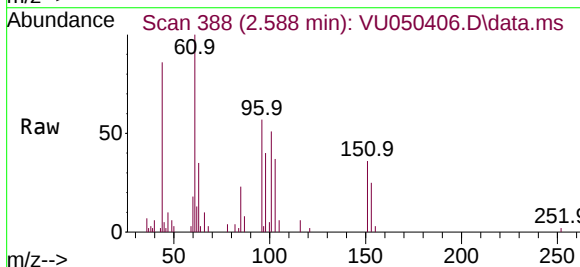
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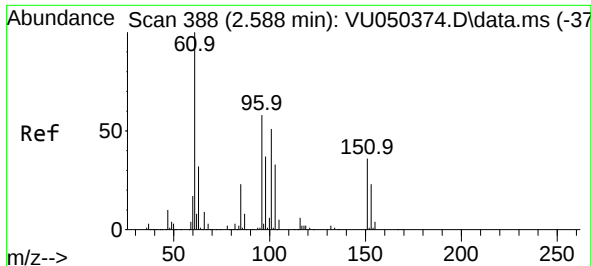
Tgt Ion:101 Resp: 8975
 Ion Ratio Lower Upper
 101 100
 103 62.0 51.8 77.6



#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.519 ug/l
 RT: 2.588 min Scan# 388
 Delta R.T. 0.007 min
 Lab File: VU050406.D
 Acq: 22 Aug 2022 19:24

Tgt Ion:101 Resp: 5002
 Ion Ratio Lower Upper
 101 100
 85 45.5 36.4 54.6
 151 66.9 59.1 88.7

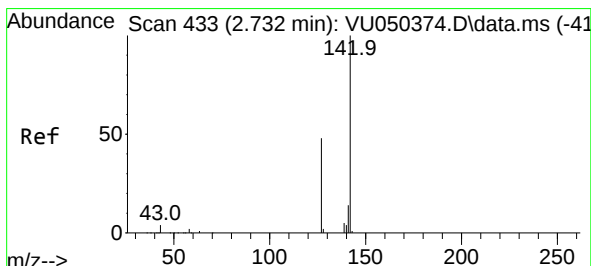
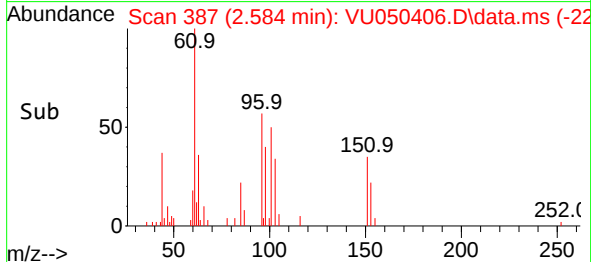
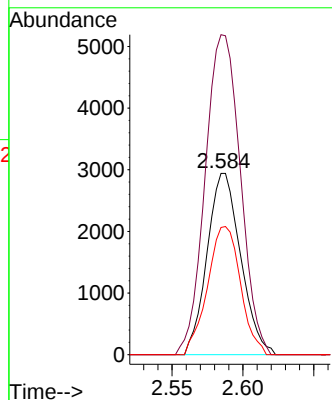
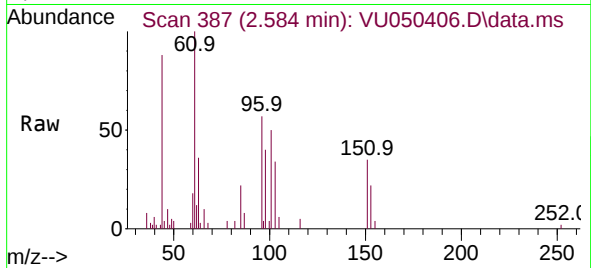




#9
1,1-Dichloroethene
Concen: 0.512 ug/l
RT: 2.584 min Scan# 387
Delta R.T. 0.007 min
Lab File: VU050406.D
Acq: 22 Aug 2022 19:24

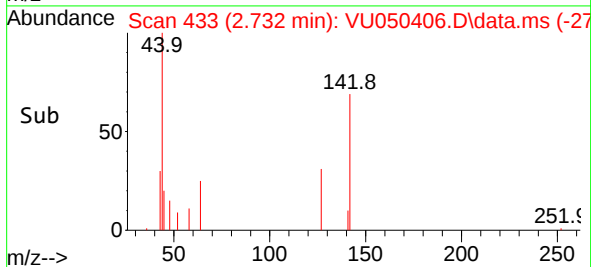
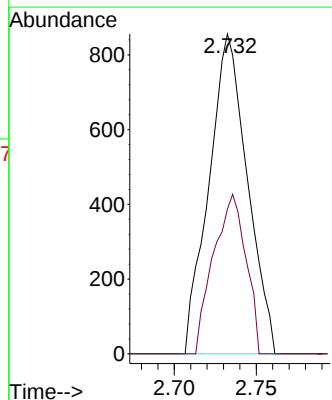
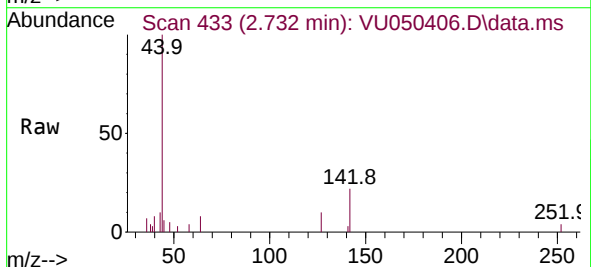
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ClientSampleId :
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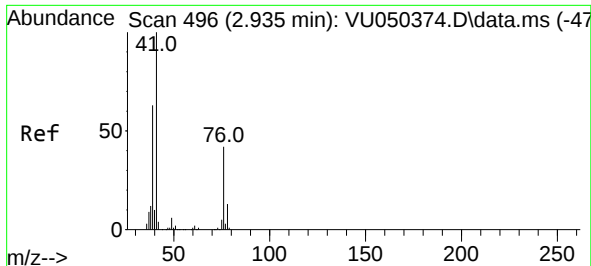
Tgt Ion: 96 Resp: 4839
Ion Ratio Lower Upper
96 100
61 176.5 0.0 510.6
98 70.1 0.0 124.6



#10
Iodomethane
Concen: 0.178 ug/l
RT: 2.732 min Scan# 433
Delta R.T. 0.013 min
Lab File: VU050406.D
Acq: 22 Aug 2022 19:24

Tgt Ion: 142 Resp: 1389
Ion Ratio Lower Upper
142 100
127 42.2 38.2 57.2

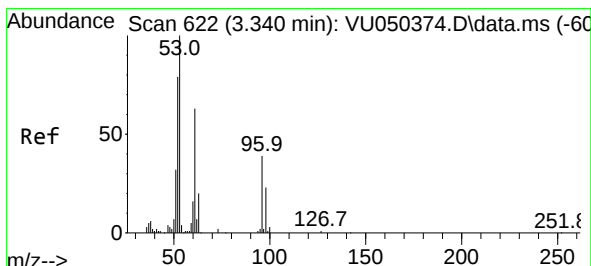
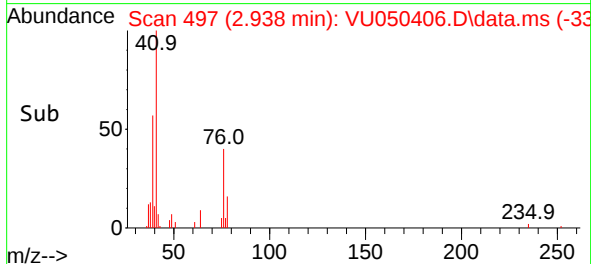
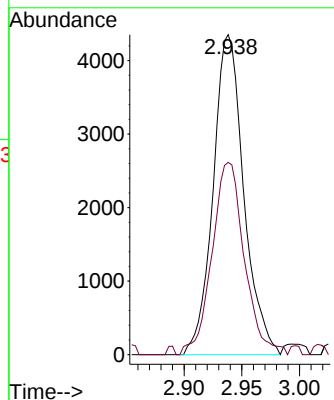
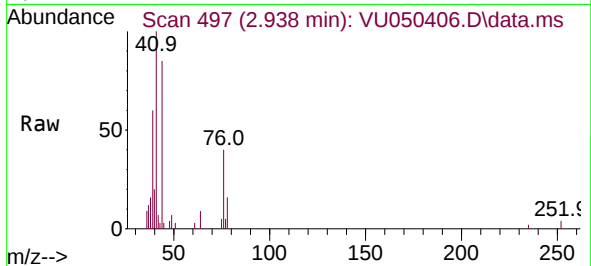




#11
 Allyl Chloride
 Concen: 0.552 ug/l
 RT: 2.938 min Scan# 496
 Delta R.T. 0.016 min
 Lab File: VU050406.D
 Acq: 22 Aug 2022 19:24

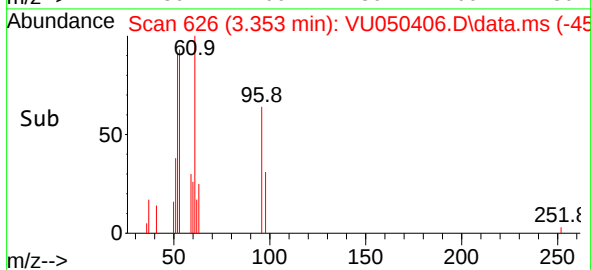
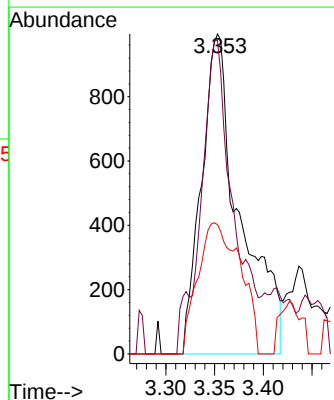
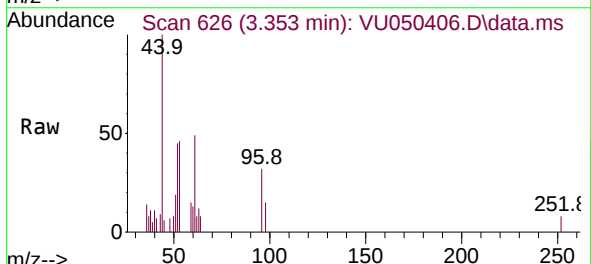
Instrument :
 MSVOA_U
 ClientSampleId :
 LOQ-WATER-02-QT3-2022

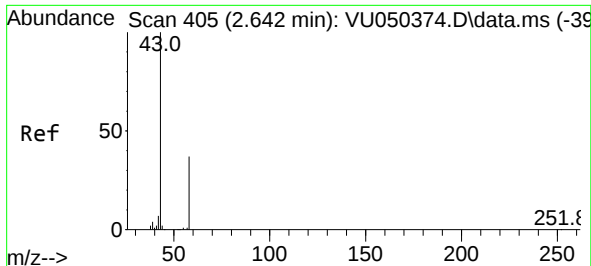
Tgt Ion: 41 Resp: 8037
 Ion Ratio Lower Upper
 41 100
 39 63.3 53.2 79.8



#12
 Acrylonitrile
 Concen: 0.966 ug/l
 RT: 3.353 min Scan# 626
 Delta R.T. 0.036 min
 Lab File: VU050406.D
 Acq: 22 Aug 2022 19:24

Tgt Ion: 53 Resp: 2736
 Ion Ratio Lower Upper
 53 100
 52 82.8 64.6 97.0
 51 45.2 30.7 46.1





#13

Acetone

Concen: 2.194 ug/l

RT: 2.642 min Scan# 405

Delta R.T. 0.016 min

Lab File: VU050406.D

Acq: 22 Aug 2022 19:24

Instrument :

MSVOA_U

ClientSampleId :

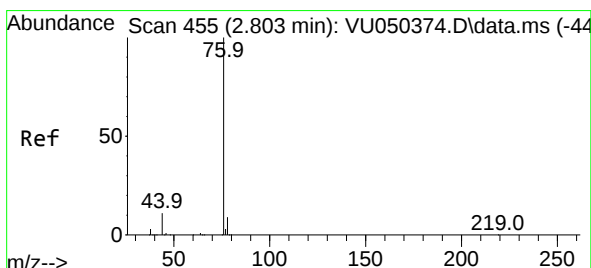
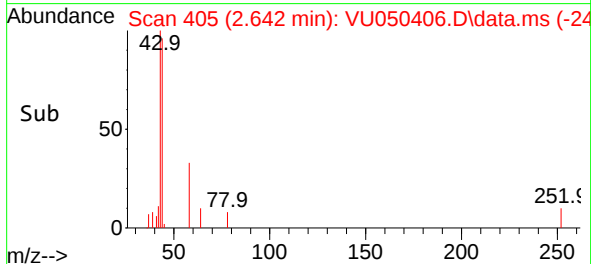
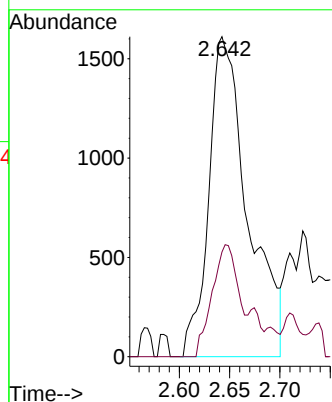
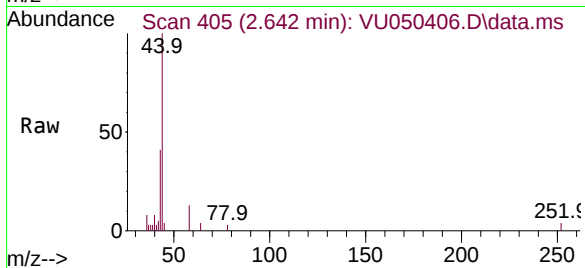
LOQ-WATER-02-QT3-2022

Tgt Ion: 43 Resp: 4345

Ion Ratio Lower Upper

43 100

58 32.7 26.2 39.2



#14

Carbon Disulfide

Concen: 0.555 ug/l

RT: 2.803 min Scan# 455

Delta R.T. 0.013 min

Lab File: VU050406.D

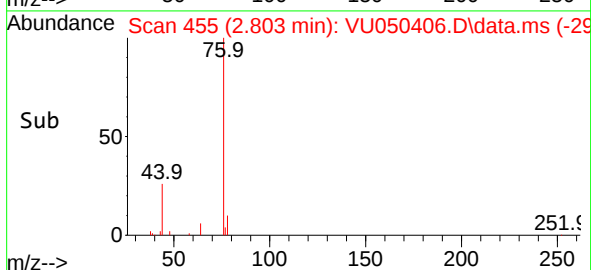
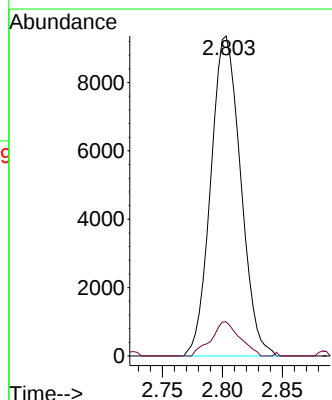
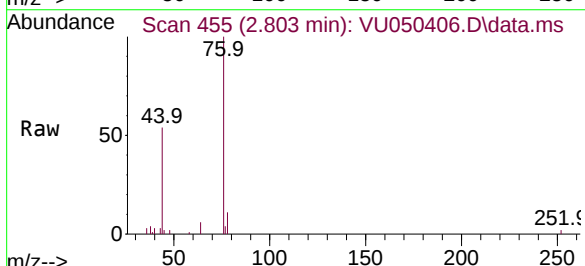
Acq: 22 Aug 2022 19:24

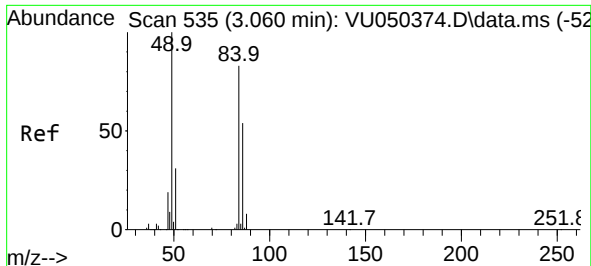
Tgt Ion: 76 Resp: 16227

Ion Ratio Lower Upper

76 100

78 10.6 7.4 11.0

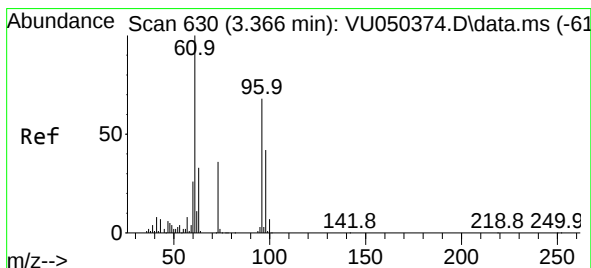
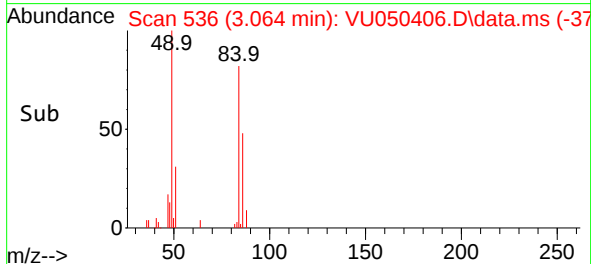
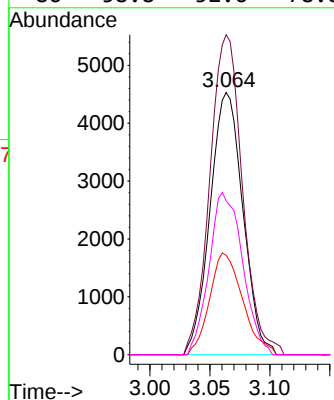
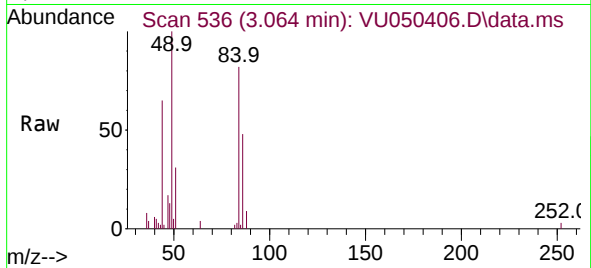




#15
Methylene Chloride
Concen: 0.675 ug/l
RT: 3.064 min Scan# 51
Delta R.T. 0.019 min
Lab File: VU050406.D
Acq: 22 Aug 2022 19:24

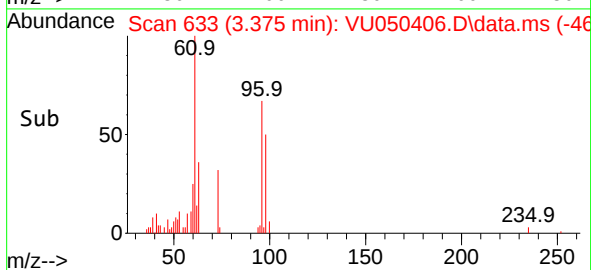
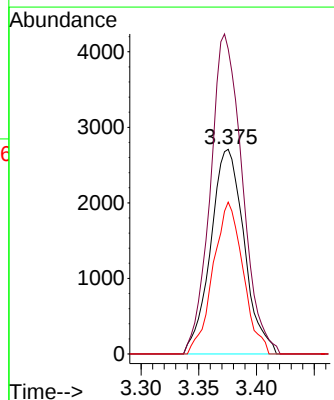
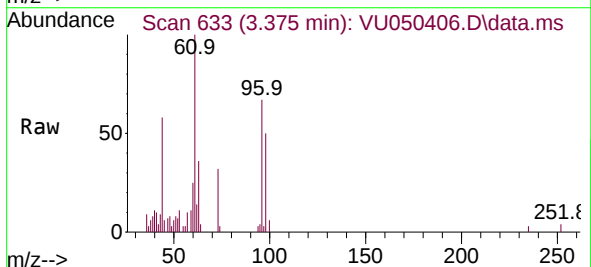
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT3-2022

Tgt Ion:	84	Resp:	8622
Ion	Ratio	Lower	Upper
84	100		
49	122.0	104.6	157.0
51	37.9	0.0	81.4
86	58.8	52.6	78.8



#16
trans-1,2-Dichloroethene
Concen: 0.559 ug/l
RT: 3.375 min Scan# 633
Delta R.T. 0.026 min
Lab File: VU050406.D
Acq: 22 Aug 2022 19:24

Tgt Ion:	96	Resp:	5456
Ion	Ratio	Lower	Upper
96	100		
61	149.0	123.4	185.0
98	74.2	51.6	77.4





#17

1,1-Dichloroethane

Concen: 0.540 ug/l

RT: 3.887 min Scan# 791

Delta R.T. 0.023 min

Lab File: VU050406.D

Acq: 22 Aug 2022 19:24

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT3-2022

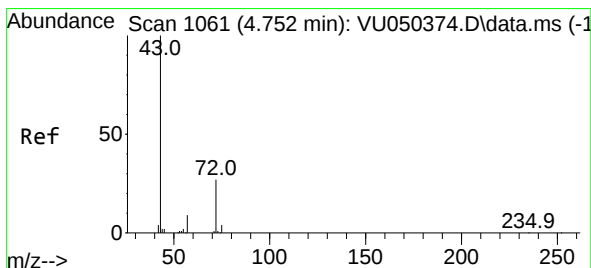
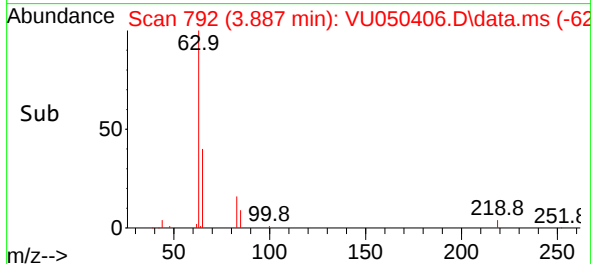
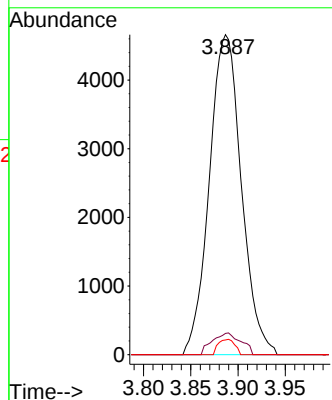
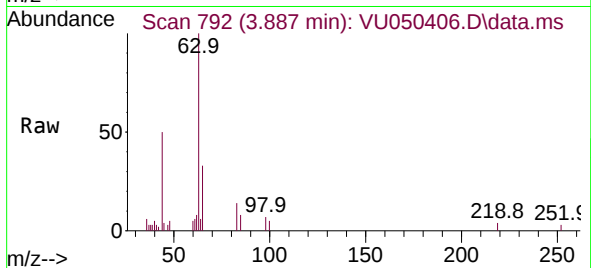
Tgt Ion: 63 Resp: 10977

Ion Ratio Lower Upper

63 100

98 6.7 3.4 10.2

100 4.6 2.0 6.0



#18

2-Butanone

Concen: 2.107 ug/l

RT: 4.761 min Scan# 1064

Delta R.T. 0.042 min

Lab File: VU050406.D

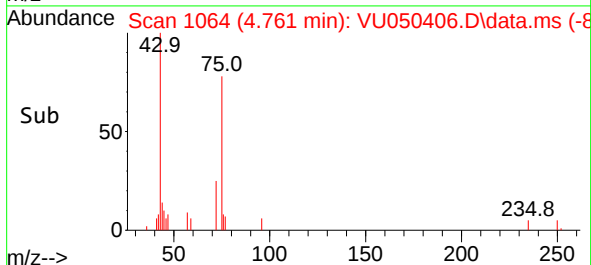
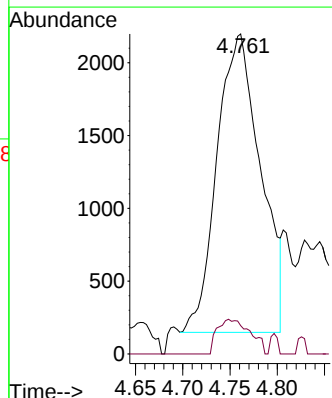
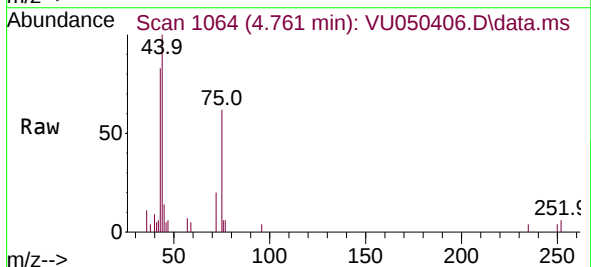
Acq: 22 Aug 2022 19:24

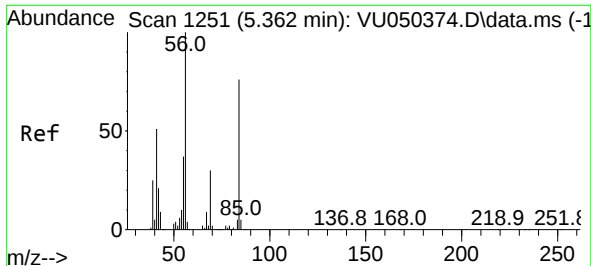
Tgt Ion: 43 Resp: 6565

Ion Ratio Lower Upper

43 100

57 9.5 0.0 18.0





#19

Cyclohexane

Concen: 0.515 ug/l

RT: 5.366 min Scan# 11

Delta R.T. -0.019 min

Lab File: VU050406.D

Acq: 22 Aug 2022 19:24

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT3-2022

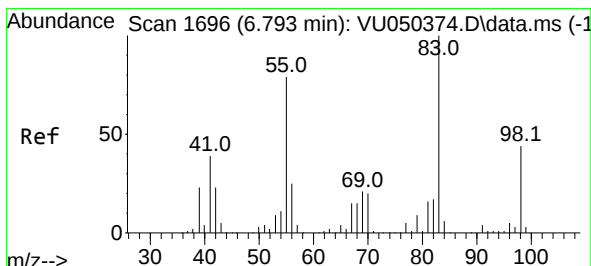
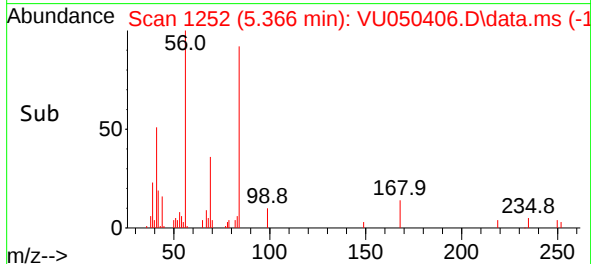
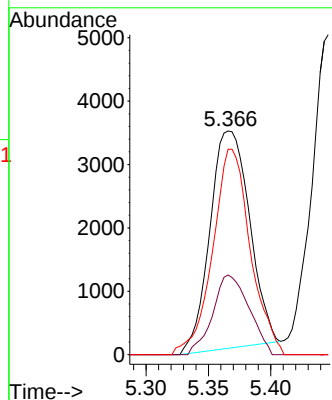
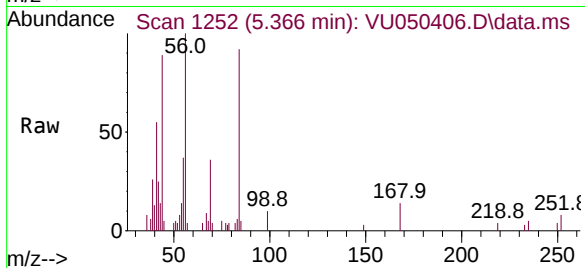
Tgt Ion: 56 Resp: 7603

Ion Ratio Lower Upper

56 100

69 33.5 24.2 36.4

84 89.6 63.4 95.2



#20

Methylcyclohexane

Concen: 0.427 ug/l

RT: 6.790 min Scan# 1695

Delta R.T. 0.029 min

Lab File: VU050406.D

Acq: 22 Aug 2022 19:24

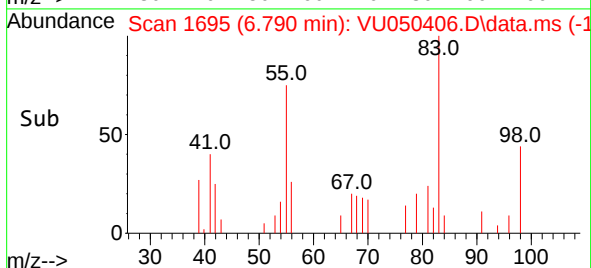
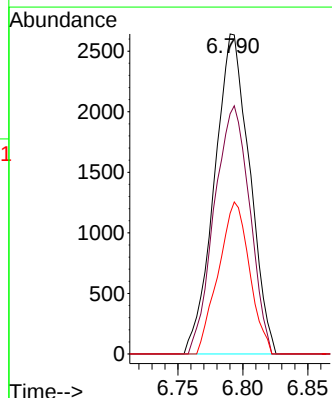
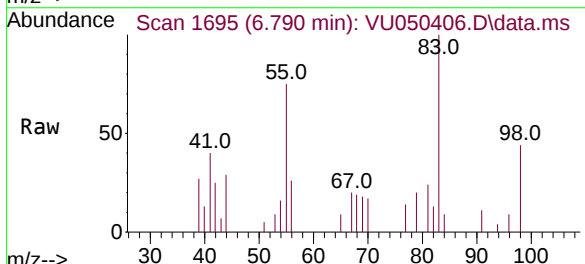
Tgt Ion: 83 Resp: 4970

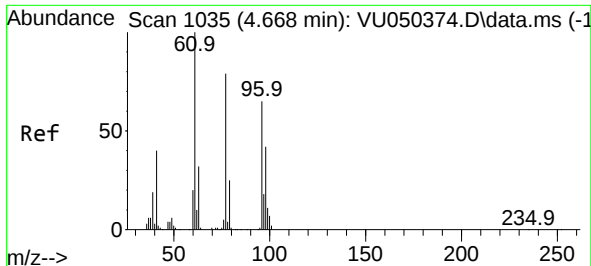
Ion Ratio Lower Upper

83 100

55 77.9 63.0 94.4

98 42.0 35.7 53.5





#21

2,2-Dichloropropane

Concen: 0.482 ug/l

RT: 4.671 min Scan# 1036

Delta R.T. 0.007 min

Lab File: VU050406.D

Acq: 22 Aug 2022 19:24

Instrument :

MSVOA_U

ClientSampleId :

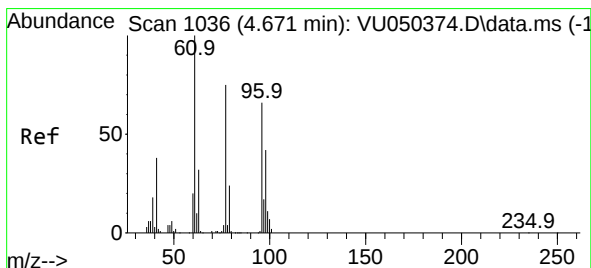
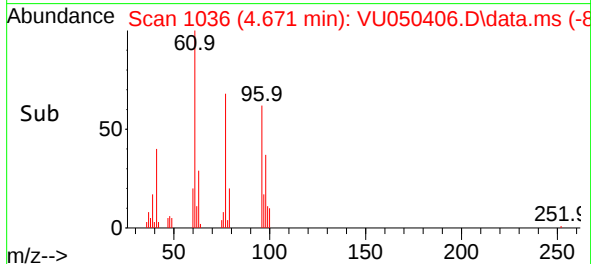
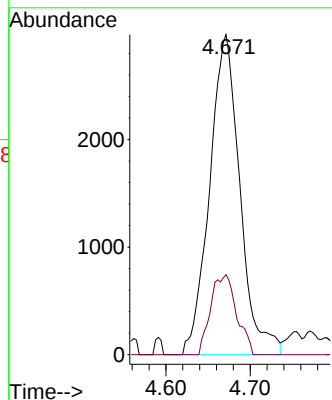
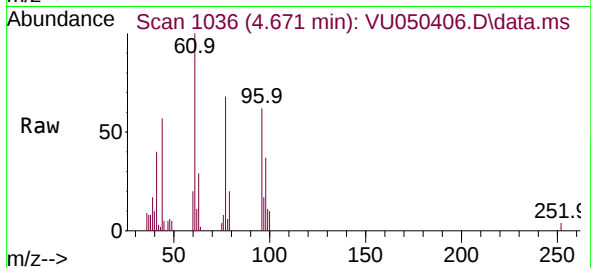
LOQ-WATER-02-QT3-2022

Tgt Ion: 77 Resp: 7443

Ion Ratio Lower Upper

77 100

97 21.3 18.5 27.7



#22

cis-1,2-Dichloroethene

Concen: 0.526 ug/l

RT: 4.674 min Scan# 1037

Delta R.T. 0.010 min

Lab File: VU050406.D

Acq: 22 Aug 2022 19:24

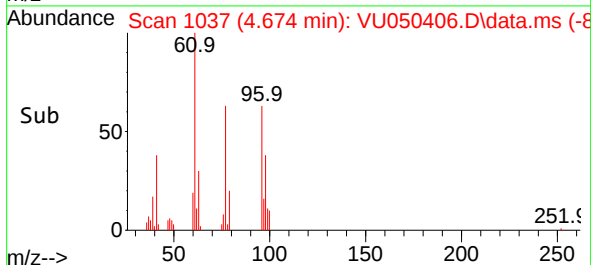
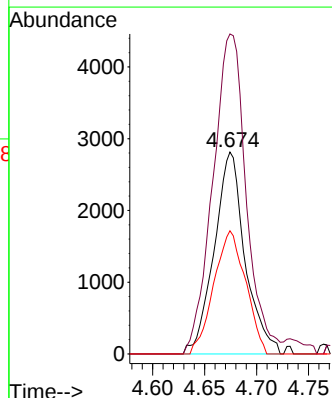
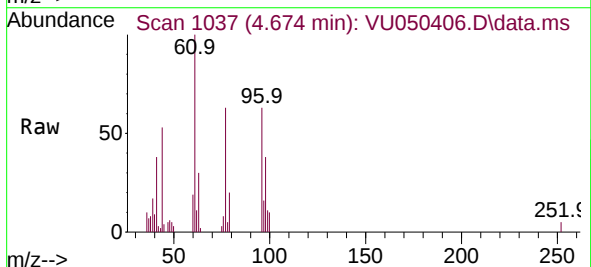
Tgt Ion: 96 Resp: 5811

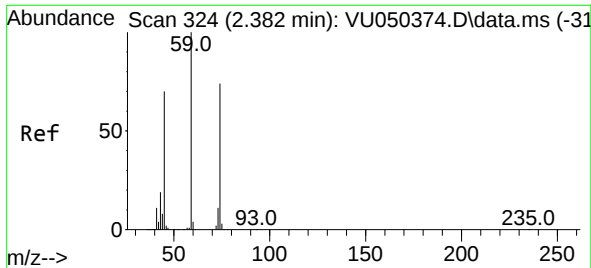
Ion Ratio Lower Upper

96 100

61 171.2 0.0 375.8

98 62.8 31.6 95.0

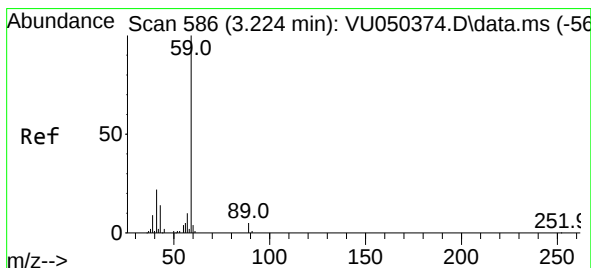
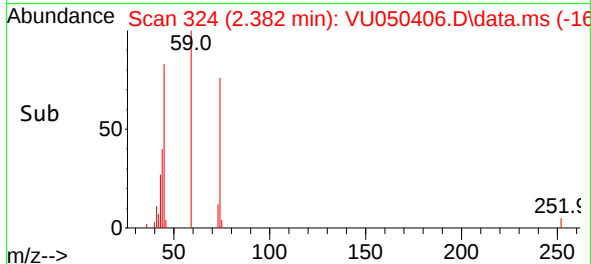
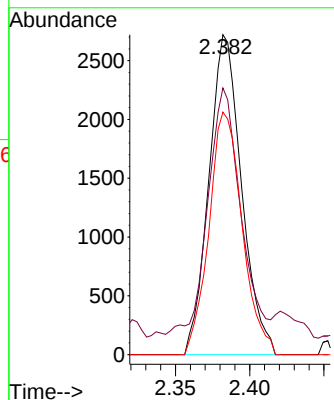
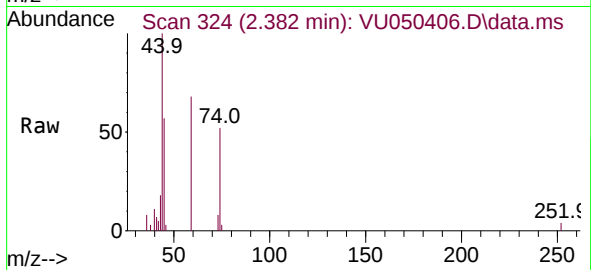




#23
Diethyl Ether
Concen: 0.513 ug/l
RT: 2.382 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU050406.D
Acq: 22 Aug 2022 19:24

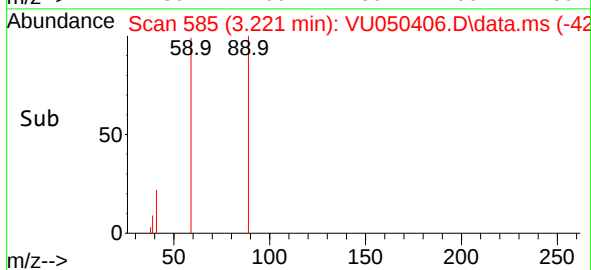
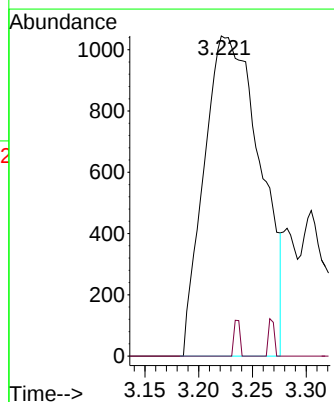
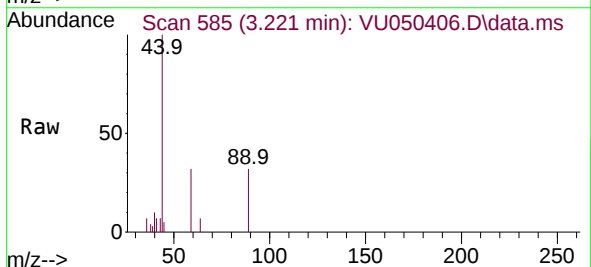
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT3-2022

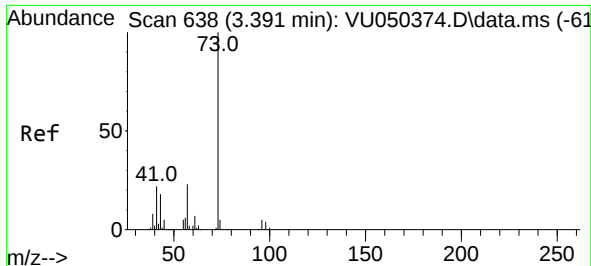
Tgt Ion: 59 Resp: 4160
Ion Ratio Lower Upper
59 100
45 75.5 56.0 84.0
74 77.1 57.6 86.4



#24
tert-Butyl Alcohol
Concen: 4.423 ug/l
RT: 3.221 min Scan# 585
Delta R.T. 0.026 min
Lab File: VU050406.D
Acq: 22 Aug 2022 19:24

Tgt Ion: 59 Resp: 3795
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#

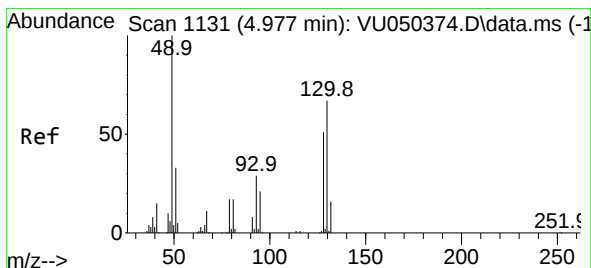
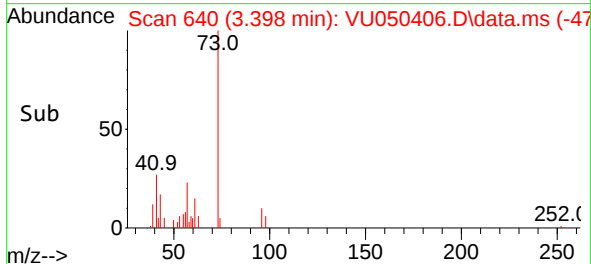
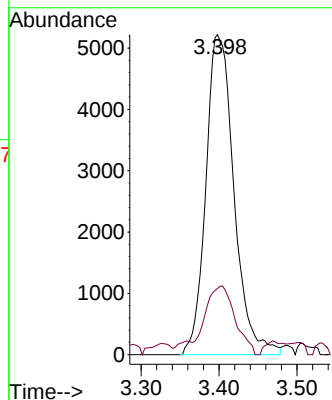
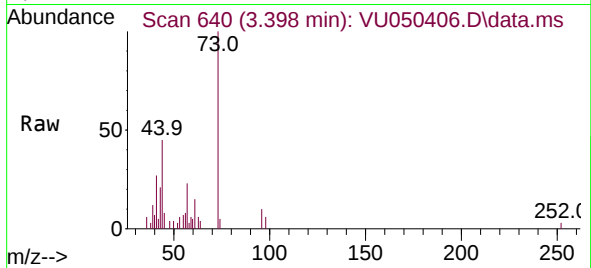




#25
Methyl tert-Butyl Ether
Concen: 0.523 ug/l
RT: 3.398 min Scan# 64
Delta R.T. 0.029 min
Lab File: VU050406.D
Acq: 22 Aug 2022 19:24

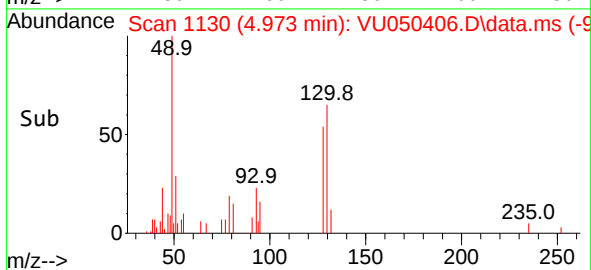
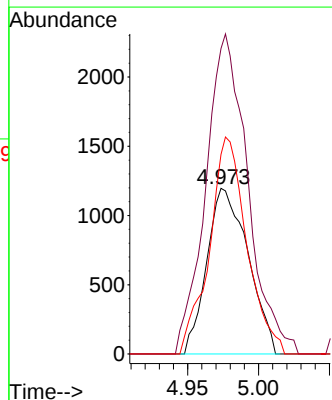
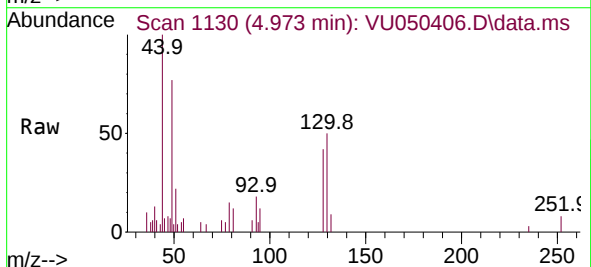
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT3-2022

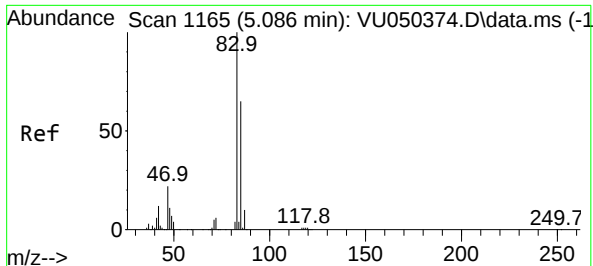
Tgt Ion: 73 Resp: 13110
Ion Ratio Lower Upper
73 100
43 22.6 15.9 23.9



#26
Bromochloromethane
Concen: 0.546 ug/l
RT: 4.973 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VU050406.D
Acq: 22 Aug 2022 19:24

Tgt Ion: 128 Resp: 2419
Ion Ratio Lower Upper
128 100
49 197.2 0.0 349.2
130 119.1 103.0 154.6





#27

Chloroform

Concen: 0.573 ug/l

RT: 5.089 min Scan# 1165

Delta R.T. 0.000 min

Lab File: VU050406.D

Acq: 22 Aug 2022 19:24

Instrument :

MSVOA_U

ClientSampleId :

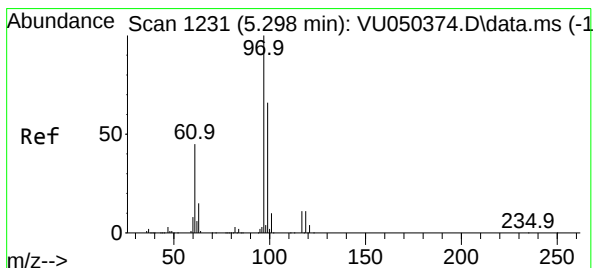
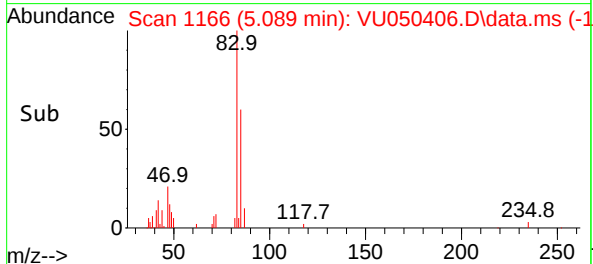
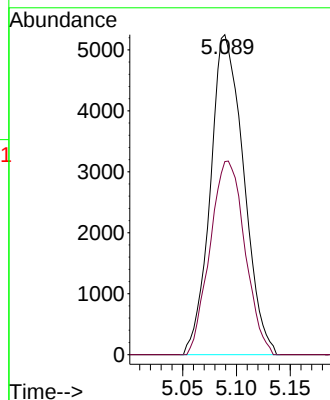
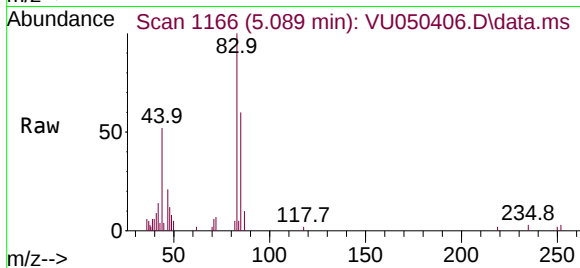
LOQ-WATER-02-QT3-2022

Tgt Ion: 83 Resp: 11295

Ion Ratio Lower Upper

83 100

85 60.4 0.0 133.6



#28

1,1,1-Trichloroethane

Concen: 0.531 ug/l

RT: 5.308 min Scan# 1234

Delta R.T. -0.006 min

Lab File: VU050406.D

Acq: 22 Aug 2022 19:24

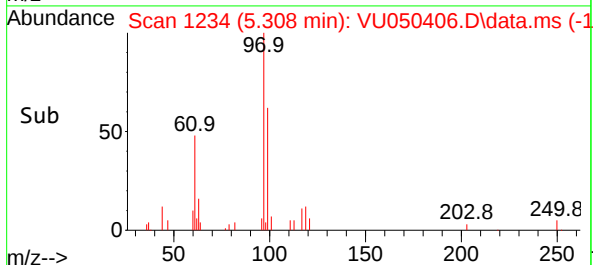
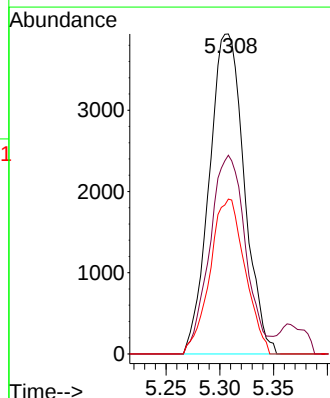
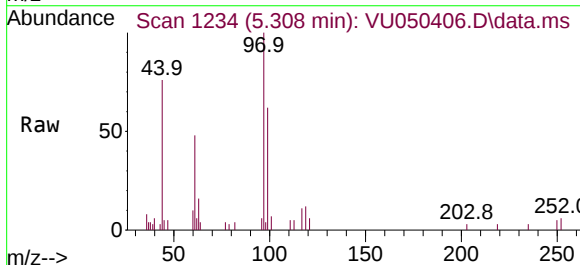
Tgt Ion: 97 Resp: 8918

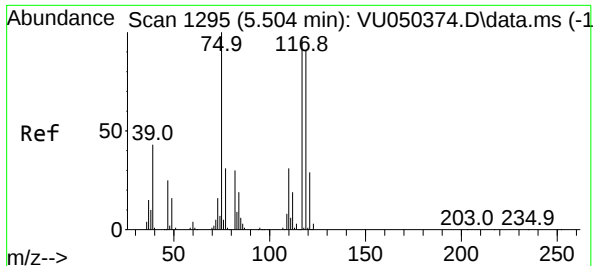
Ion Ratio Lower Upper

97 100

99 64.1 32.1 96.5

61 48.4 21.8 65.4





#29

1,1-Dichloropropene

Concen: 0.577 ug/l

RT: 5.510 min Scan# 1297

Delta R.T. -0.013 min

Lab File: VU050406.D

Acq: 22 Aug 2022 19:24

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT3-2022

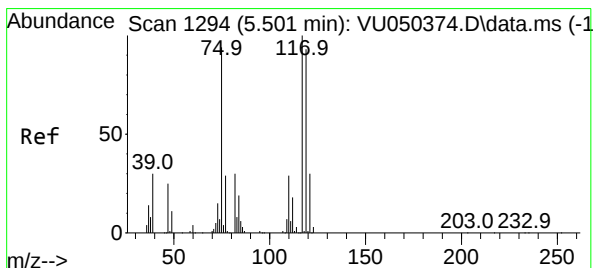
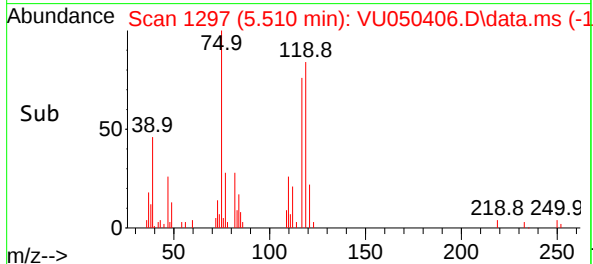
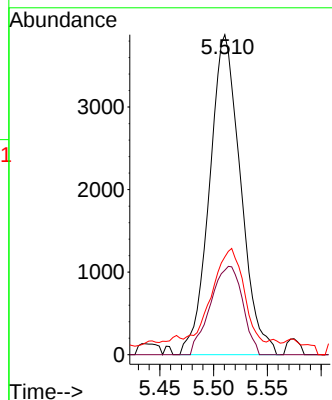
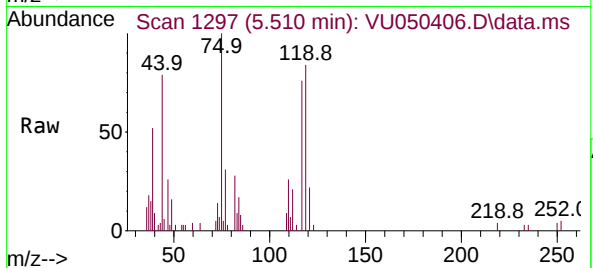
Tgt Ion: 75 Resp: 7774

Ion Ratio Lower Upper

75 100

110 28.7 17.3 52.0

77 28.2 24.6 37.0



#30

Carbon Tetrachloride

Concen: 0.540 ug/l

RT: 5.507 min Scan# 1296

Delta R.T. -0.013 min

Lab File: VU050406.D

Acq: 22 Aug 2022 19:24

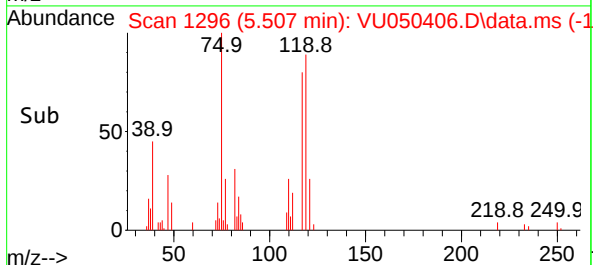
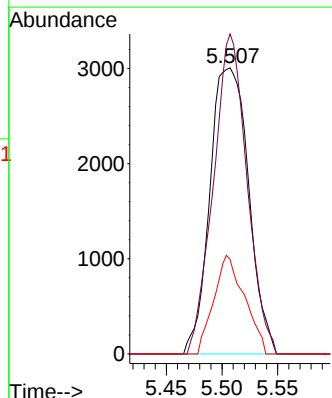
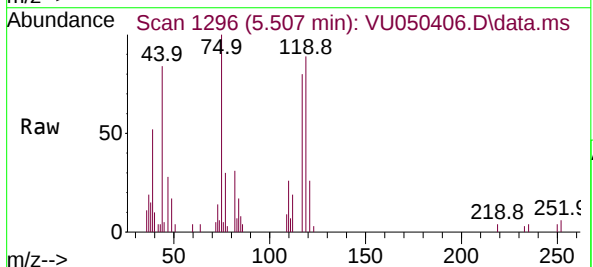
Tgt Ion: 117 Resp: 7270

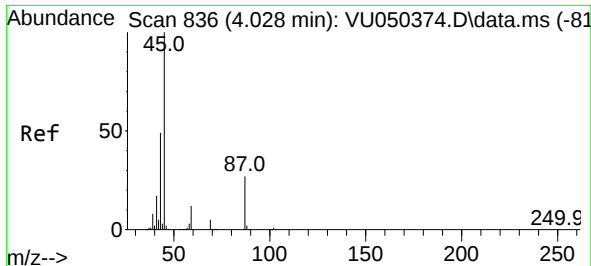
Ion Ratio Lower Upper

117 100

119 111.9 74.6 112.0

121 33.0 24.2 36.4

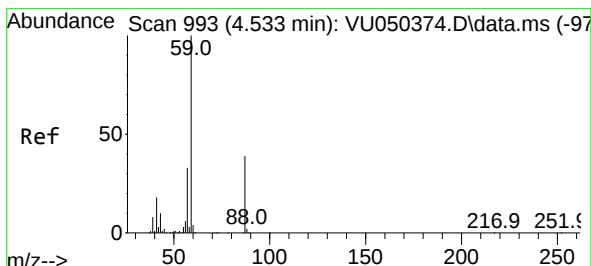
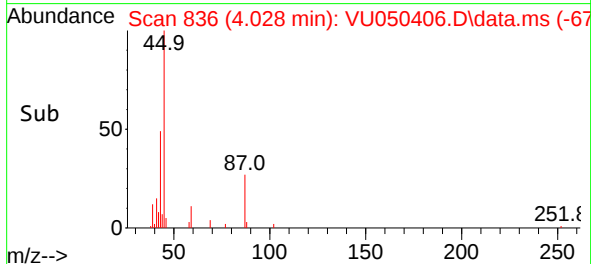
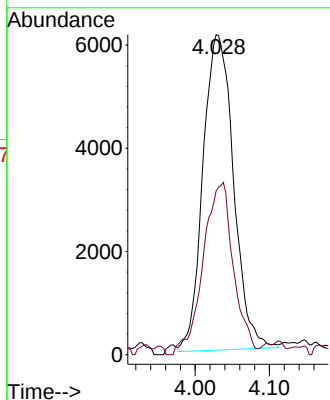
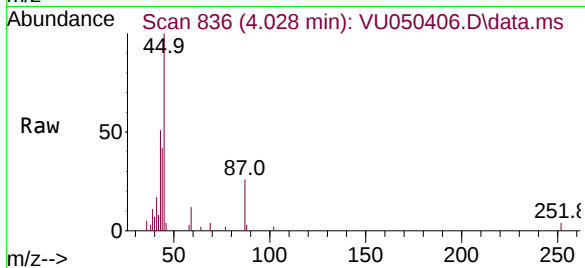




#31
Isopropyl Ether
Concen: 0.554 ug/l
RT: 4.028 min Scan# 836
Delta R.T. 0.026 min
Lab File: VU050406.D
Acq: 22 Aug 2022 19:24

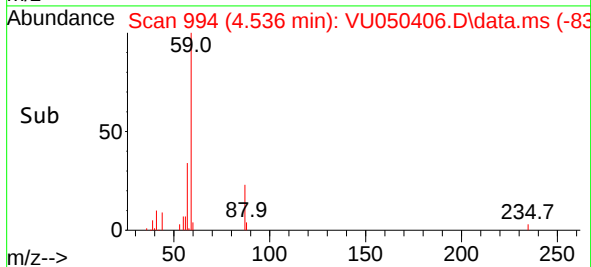
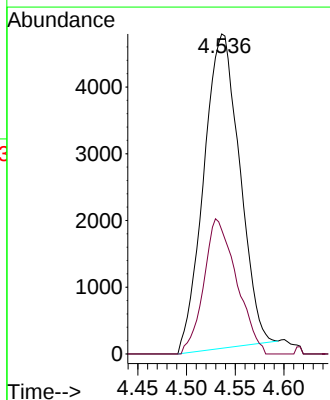
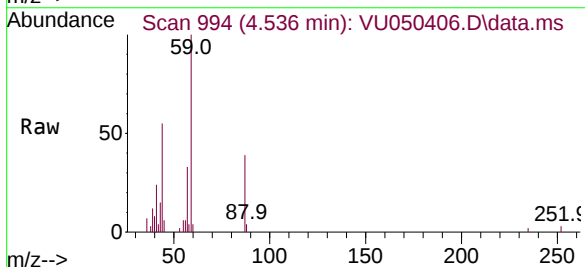
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT3-2022

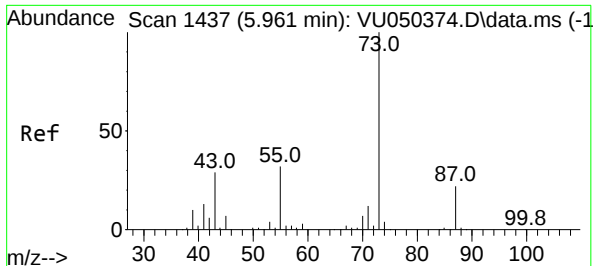
Tgt Ion: 45 Resp: 17485
Ion Ratio Lower Upper
45 100
43 54.2 23.8 71.2



#32
Ethyl-t-butyl ether
Concen: 0.488 ug/l
RT: 4.536 min Scan# 994
Delta R.T. 0.023 min
Lab File: VU050406.D
Acq: 22 Aug 2022 19:24

Tgt Ion: 59 Resp: 12080
Ion Ratio Lower Upper
59 100
87 39.2 32.5 48.7

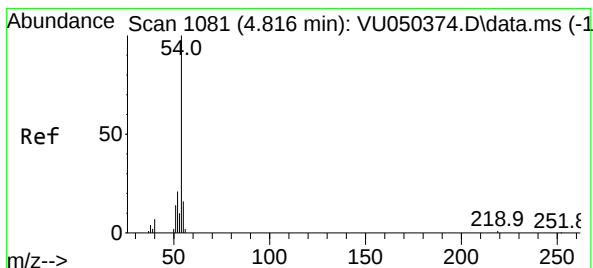
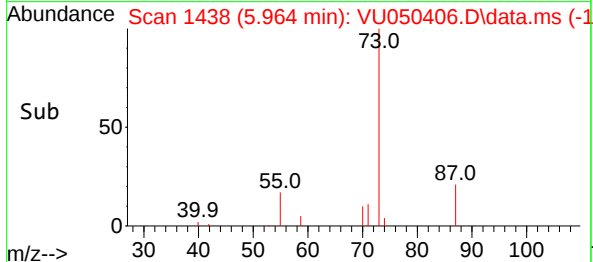
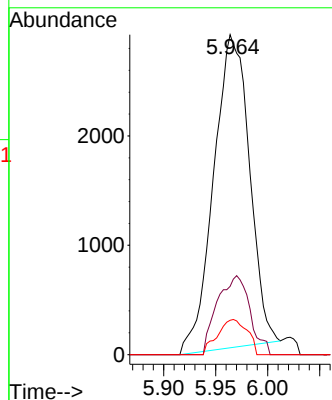
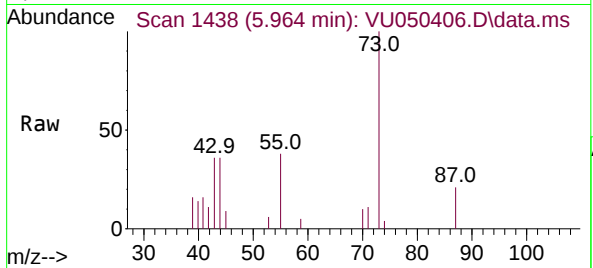




#33
Tert-Amyl methyl ether
Concen: 0.424 ug/l
RT: 5.964 min Scan# 1437
Delta R.T. 0.016 min
Lab File: VU050406.D
Acq: 22 Aug 2022 19:24

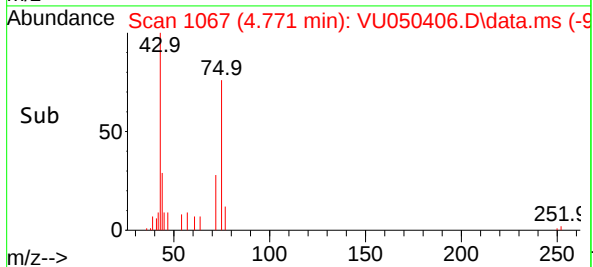
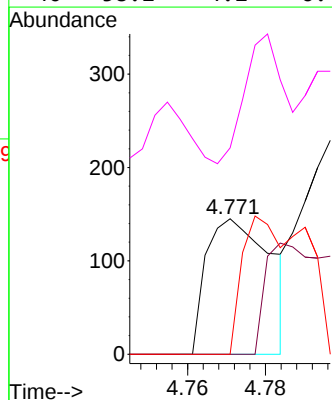
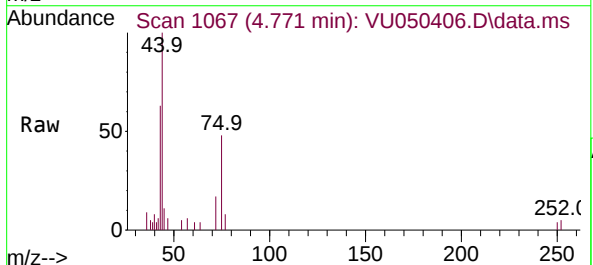
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT3-2022

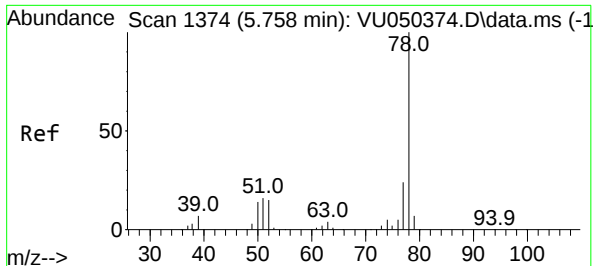
Tgt Ion: 73	Resp: 6843
Ion Ratio	Lower Upper
73 100	
87 23.0	19.7 29.5
71 9.3	9.0 13.4



#34
Propionitrile
Concen: 0.179 ug/l
RT: 4.771 min Scan# 1067
Delta R.T. -0.016 min
Lab File: VU050406.D
Acq: 22 Aug 2022 19:24

Tgt	Ion: 54	Resp:	165
Ion	Ratio	Lower	Upper
54	100		
52	63.6	15.0	22.6#
55	102.4	12.6	19.0#
40	58.2	4.2	6.4#

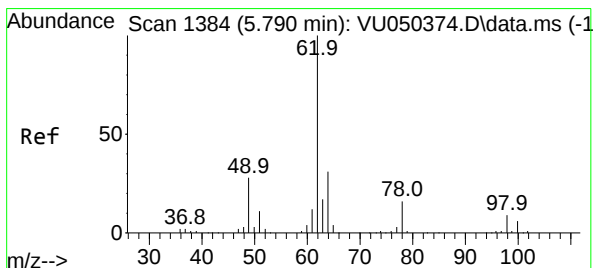
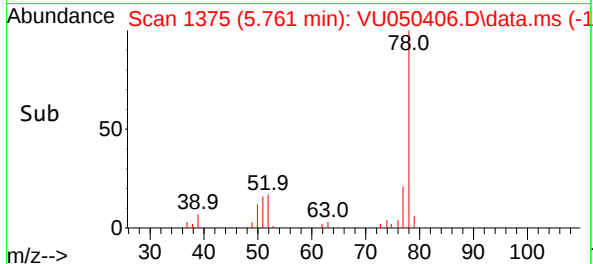
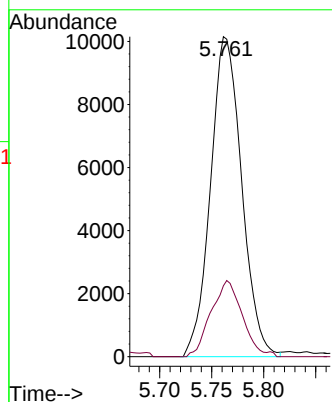
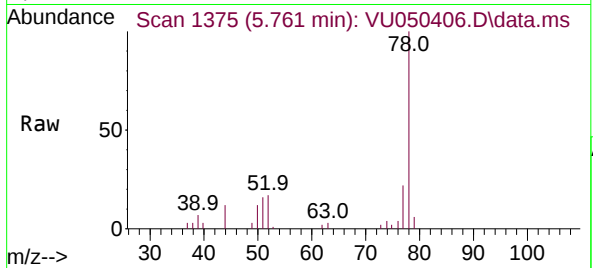




#35
Benzene
Concen: 0.534 ug/l
RT: 5.761 min Scan# 11
Delta R.T. -0.013 min
Lab File: VU050406.D
Acq: 22 Aug 2022 19:24

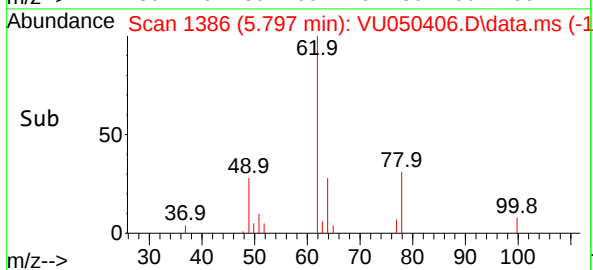
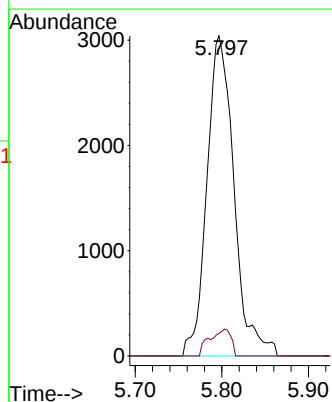
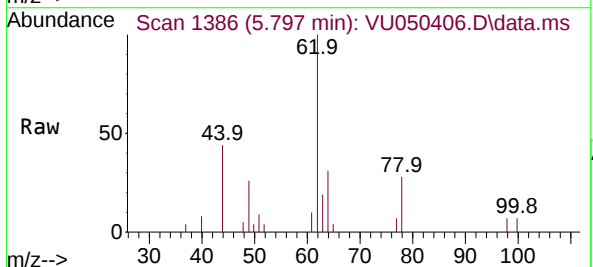
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT3-2022

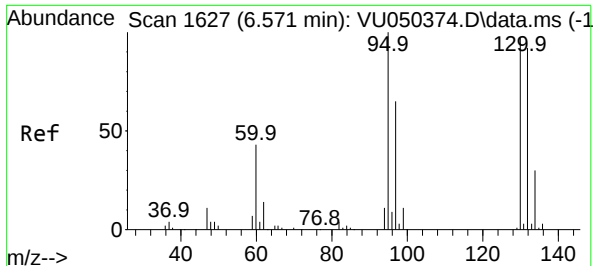
Tgt Ion: 78 Resp: 21151
Ion Ratio Lower Upper
78 100
77 22.2 18.6 28.0



#36
1,2-Dichloroethane
Concen: 0.547 ug/l
RT: 5.797 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VU050406.D
Acq: 22 Aug 2022 19:24

Tgt Ion: 62 Resp: 6608
Ion Ratio Lower Upper
62 100
98 6.6 7.4 11.0#





#37

Trichloroethene

Concen: 0.481 ug/l

RT: 6.571 min Scan# 1

Delta R.T. 0.029 min

Lab File: VU050406.D

Acq: 22 Aug 2022 19:24

Instrument :

MSVOA_U

ClientSampleId :

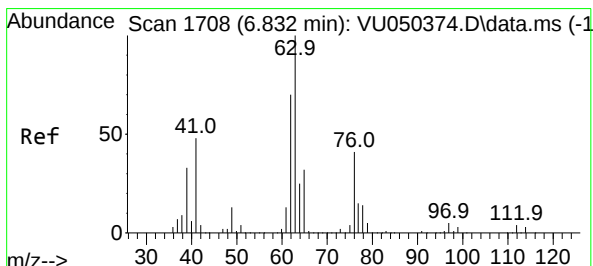
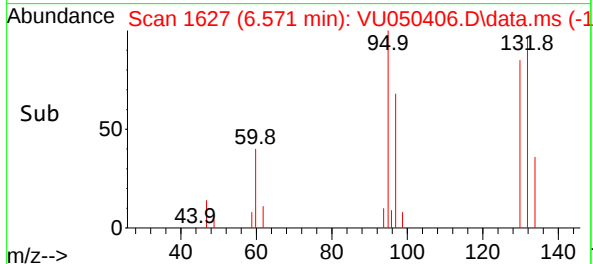
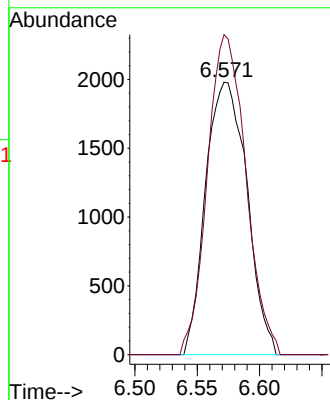
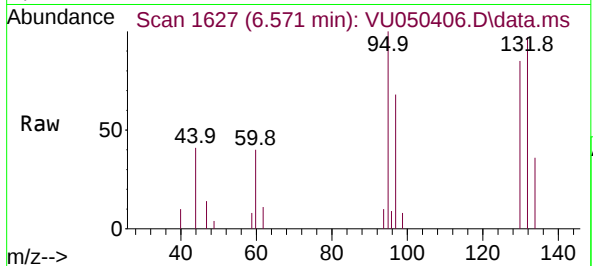
LOQ-WATER-02-QT3-2022

Tgt Ion:130 Resp: 4564

Ion Ratio Lower Upper

130 100

95 117.4 83.8 125.8



#38

1,2-Dichloropropane

Concen: 0.511 ug/l

RT: 6.829 min Scan# 1707

Delta R.T. 0.035 min

Lab File: VU050406.D

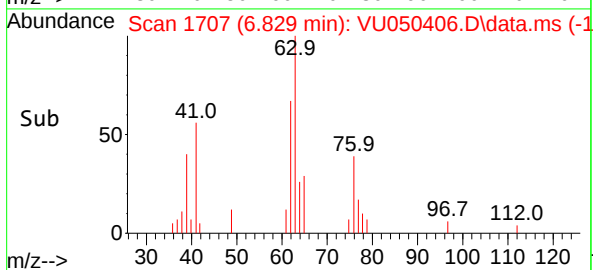
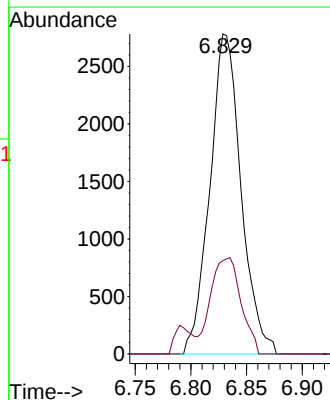
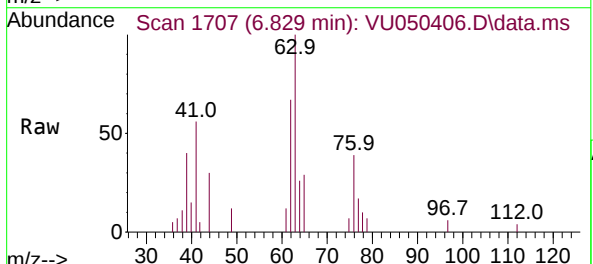
Acq: 22 Aug 2022 19:24

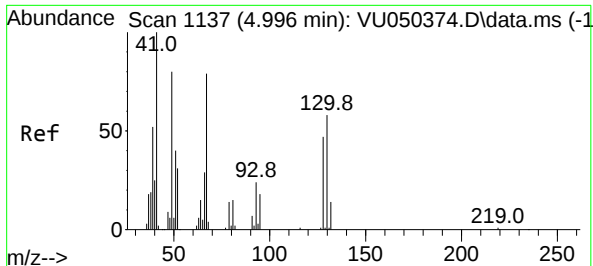
Tgt Ion: 63 Resp: 5426

Ion Ratio Lower Upper

63 100

65 29.2 25.0 37.4





#39

Methacrylonitrile

Concen: 0.589 ug/l

RT: 4.999 min Scan# 1138

Delta R.T. 0.016 min

Lab File: VU050406.D

Acq: 22 Aug 2022 19:24

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT3-2022

Tgt Ion: 41 Resp: 2224

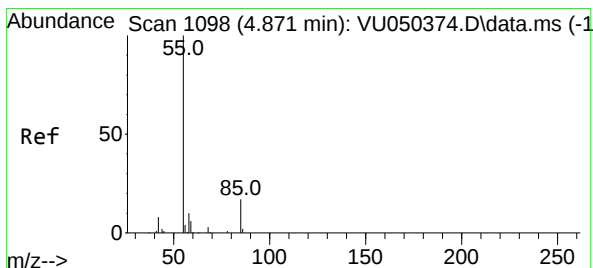
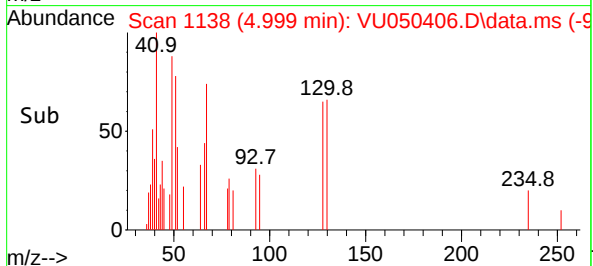
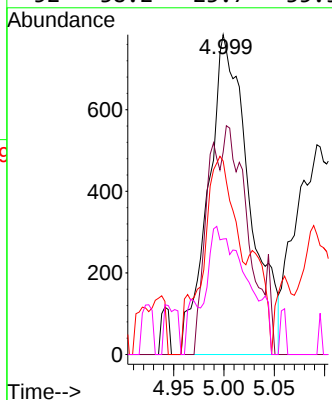
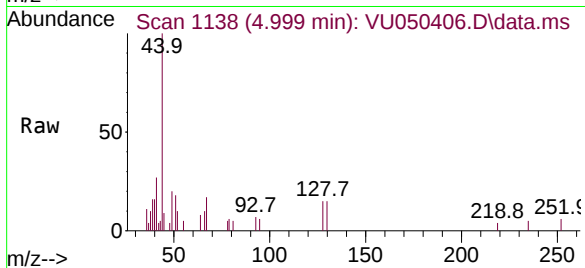
Ion Ratio Lower Upper

41 100

67 25.0 59.4 89.0#

39 26.9 42.2 63.2#

52 38.2 23.7 35.5#



#40

Methyl acrylate

Concen: 0.636 ug/l

RT: 4.874 min Scan# 1099

Delta R.T. 0.019 min

Lab File: VU050406.D

Acq: 22 Aug 2022 19:24

Tgt Ion: 55 Resp: 3661

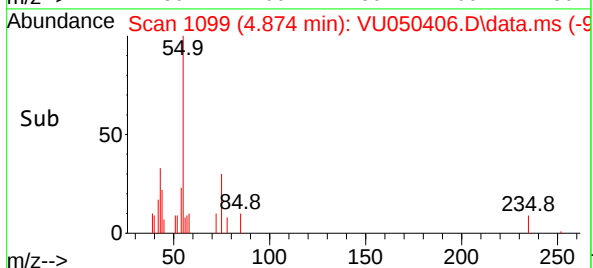
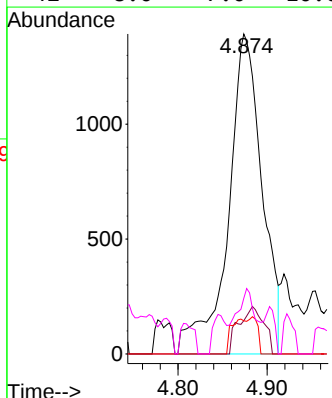
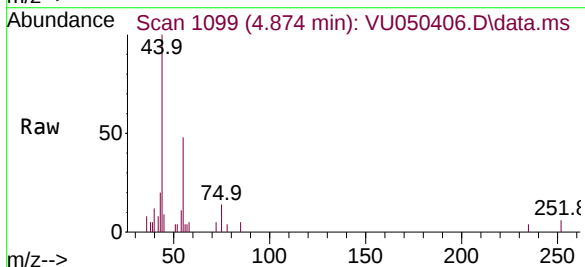
Ion Ratio Lower Upper

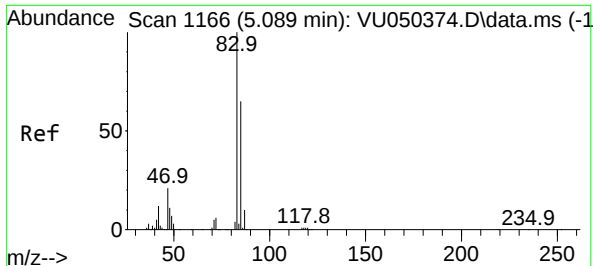
55 100

85 11.0 13.5 20.3#

58 5.1 7.0 10.4#

42 8.0 7.0 10.6





#41

Tetrahydrofuran

Concen: 1.259 ug/l

RT: 5.096 min Scan# 1166

Delta R.T. 0.029 min

Lab File: VU050406.D

Acq: 22 Aug 2022 19:24

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT3-2022

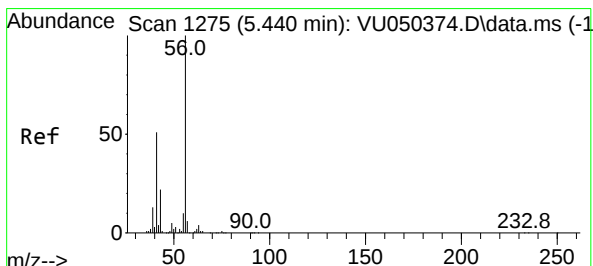
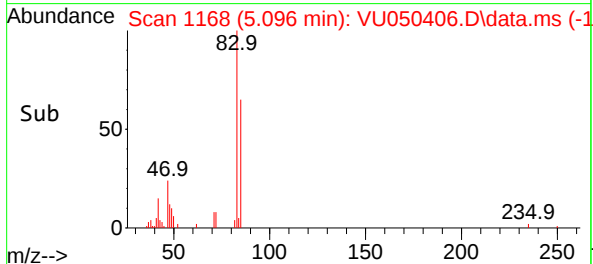
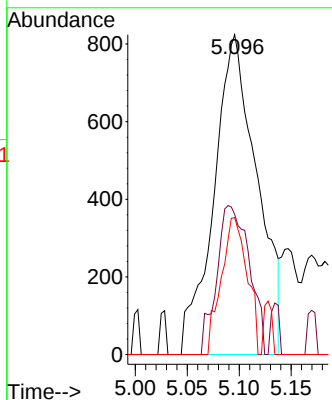
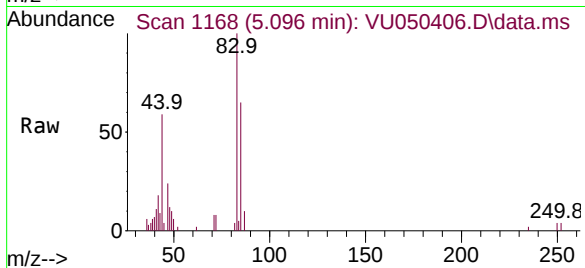
Tgt Ion: 42 Resp: 2381

Ion Ratio Lower Upper

42 100

72 35.3 38.9 58.3#

71 25.7 33.7 50.5#



#42

1-Chlorobutane

Concen: 0.553 ug/l

RT: 5.446 min Scan# 1277

Delta R.T. -0.010 min

Lab File: VU050406.D

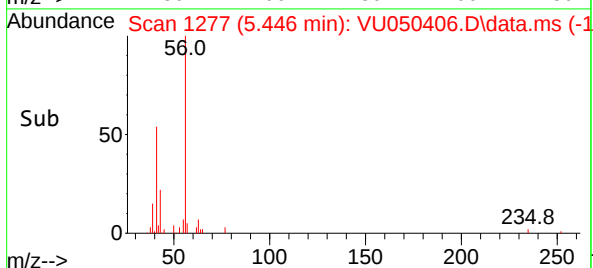
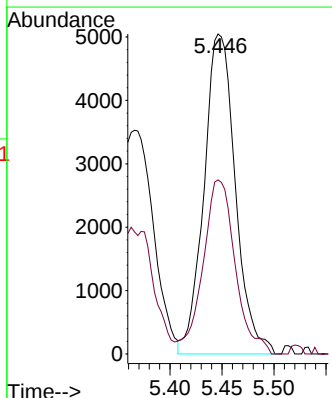
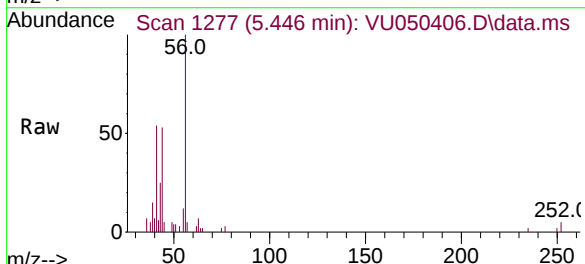
Acq: 22 Aug 2022 19:24

Tgt Ion: 56 Resp: 10599

Ion Ratio Lower Upper

56 100

41 55.6 26.4 79.2

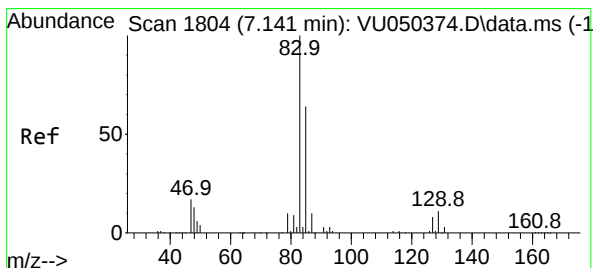
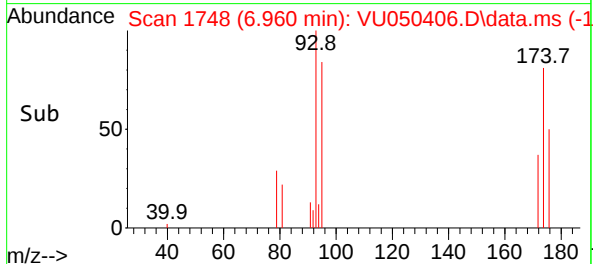
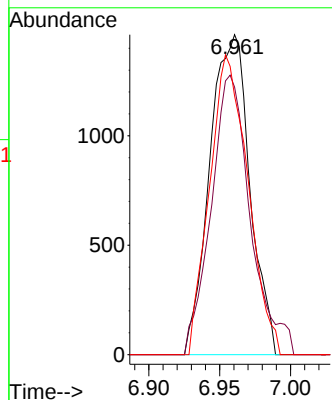
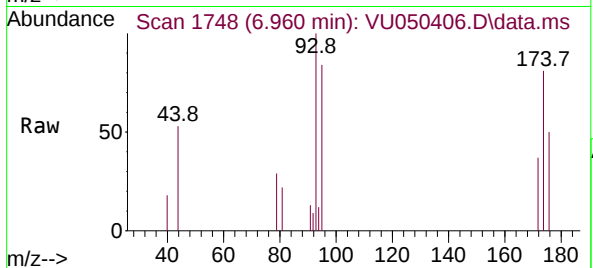




#43
Dibromomethane
Concen: 0.502 ug/l
RT: 6.960 min Scan# 1746
Delta R.T. 0.042 min
Lab File: VU050406.D
Acq: 22 Aug 2022 19:24

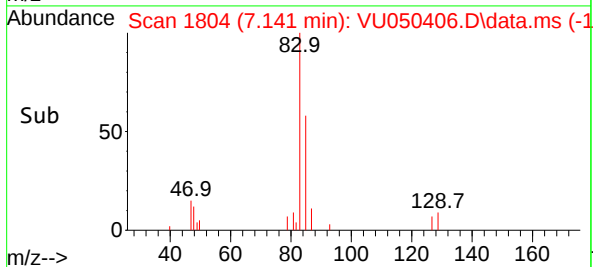
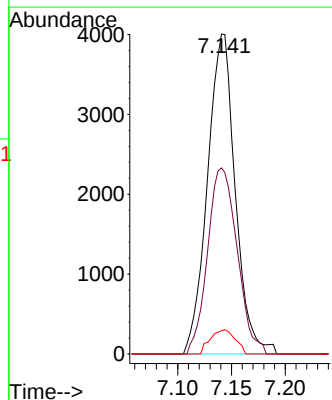
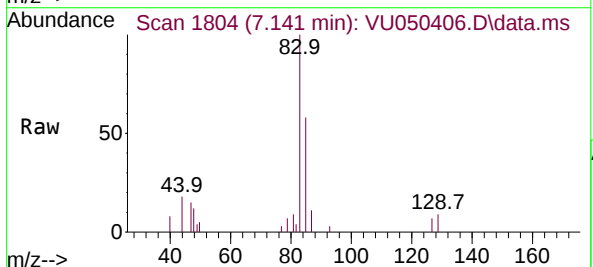
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT3-2022

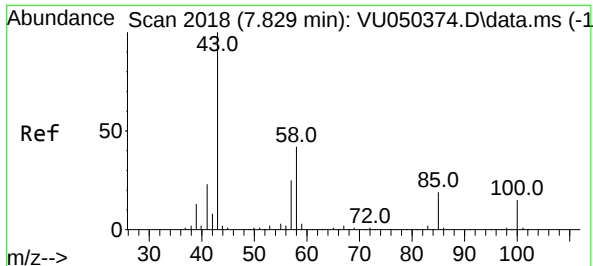
Tgt Ion: 93 Resp: 2875
Ion Ratio Lower Upper
93 100
95 85.8 65.0 97.6
174 90.0 76.3 114.5



#44
Bromodichloromethane
Concen: 0.533 ug/l
RT: 7.141 min Scan# 1804
Delta R.T. 0.032 min
Lab File: VU050406.D
Acq: 22 Aug 2022 19:24

Tgt Ion: 83 Resp: 7209
Ion Ratio Lower Upper
83 100
85 58.2 49.4 74.0
127 7.3 6.6 10.0





#45

4-Methyl-2-Pentanone

Concen: 2.076 ug/l

RT: 7.835 min Scan# 2018

Delta R.T. 0.039 min

Lab File: VU050406.D

Acq: 22 Aug 2022 19:24

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT3-2022

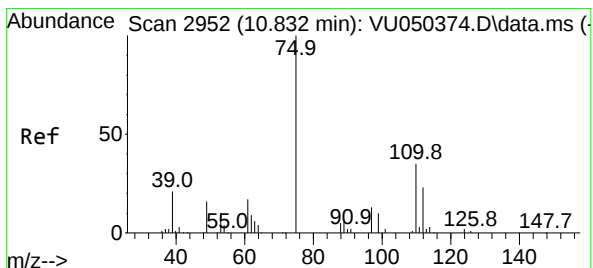
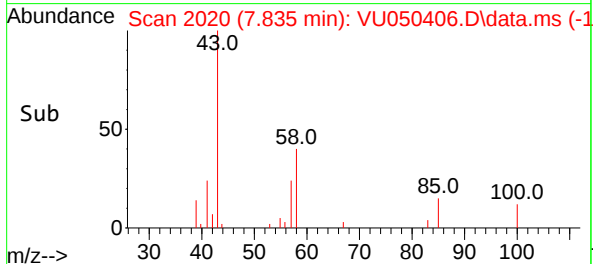
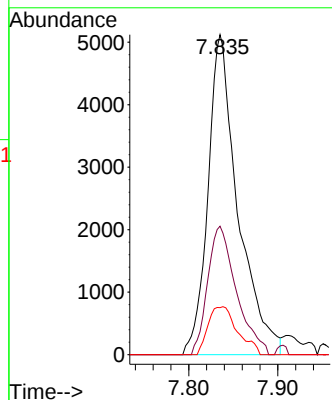
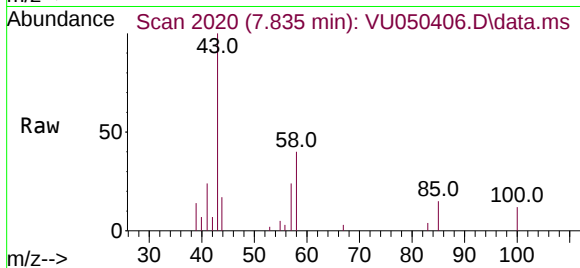
Tgt Ion: 43 Resp: 11933

Ion Ratio Lower Upper

43 100

58 38.6 20.3 61.0

85 14.7 14.6 21.8



#46

t-1,4-Dichloro-2-butene

Concen: 1.922 ug/l

RT: 10.832 min Scan# 2952

Delta R.T. 0.000 min

Lab File: VU050406.D

Acq: 22 Aug 2022 19:24

Tgt Ion: 75 Resp: 5577

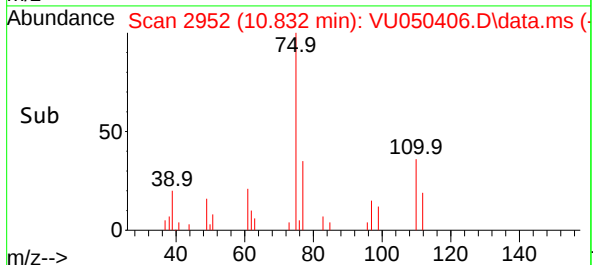
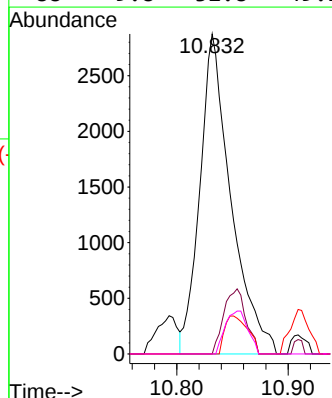
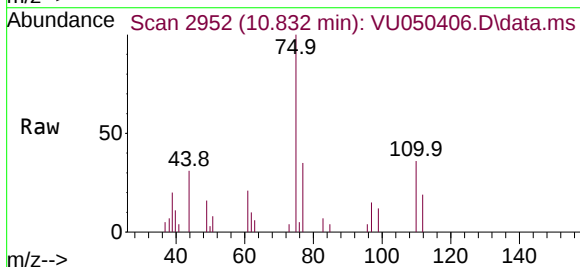
Ion Ratio Lower Upper

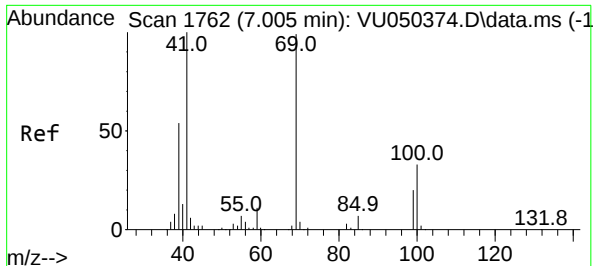
75 100

53 14.5 64.4 96.6#

89 8.8 44.2 66.2#

88 9.8 32.8 49.2#





#47

Methyl methacrylate

Concen: 0.823 ug/l

RT: 7.012 min Scan# 1

Delta R.T. 0.045 min

Lab File: VU050406.D

Acq: 22 Aug 2022 19:24

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT3-2022

Tgt Ion: 69 Resp: 3526

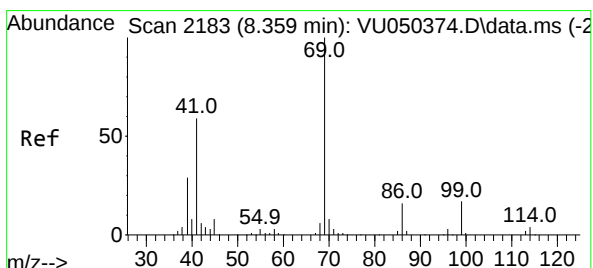
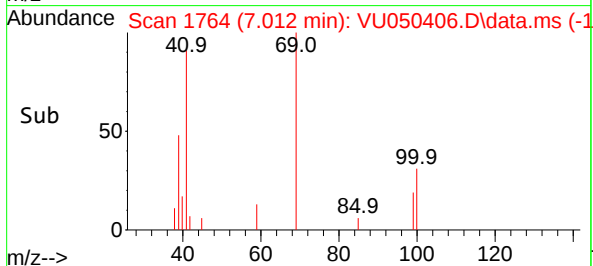
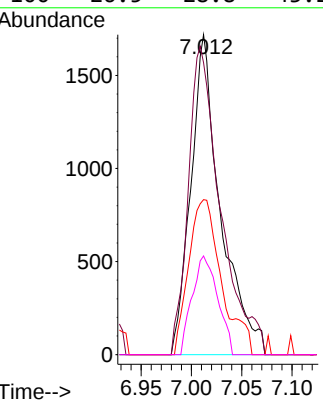
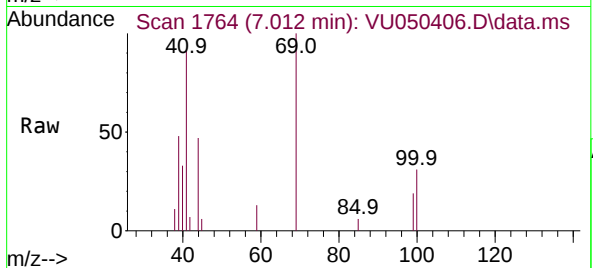
Ion Ratio Lower Upper

69 100

41 104.5 0.0 225.4

39 53.5 45.8 68.8

100 26.5 28.8 43.2#



#48

Ethyl methacrylate

Concen: 0.352 ug/l

RT: 8.366 min Scan# 2185

Delta R.T. 0.029 min

Lab File: VU050406.D

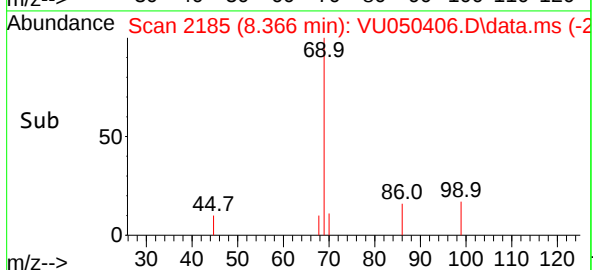
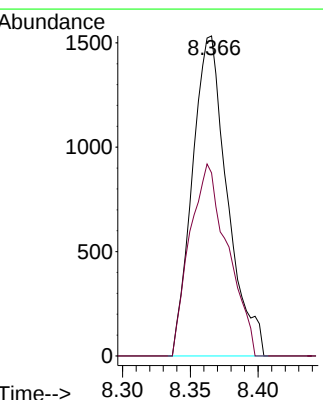
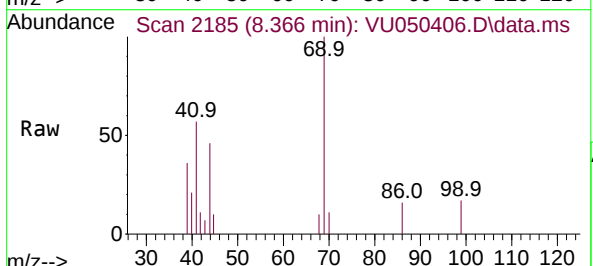
Acq: 22 Aug 2022 19:24

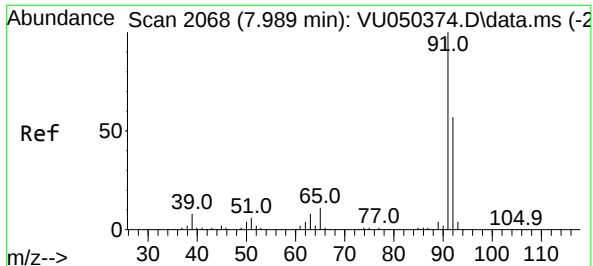
Tgt Ion: 69 Resp: 2750

Ion Ratio Lower Upper

69 100

41 65.1 32.3 96.9





#49

Toluene

Concen: 0.413 ug/l

RT: 7.989 min Scan# 2068

Delta R.T. 0.019 min

Lab File: VU050406.D

Acq: 22 Aug 2022 19:24

Instrument :

MSVOA_U

ClientSampleId :

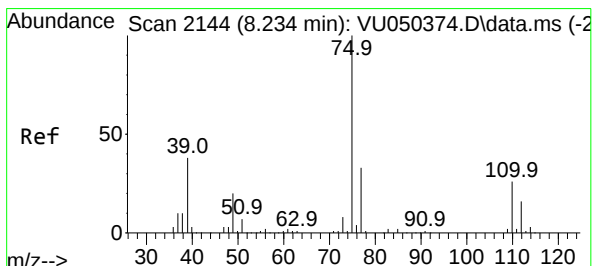
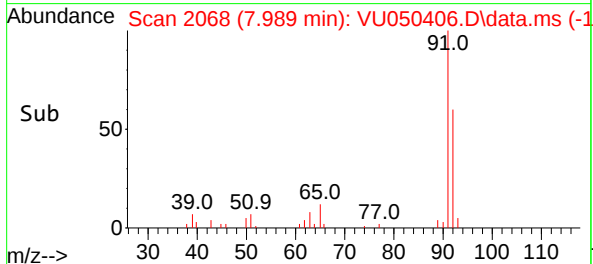
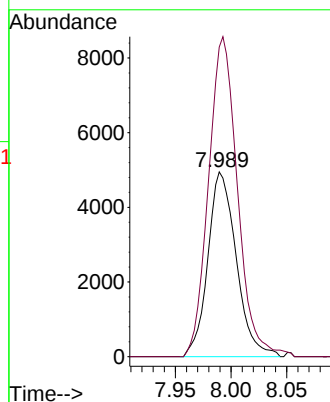
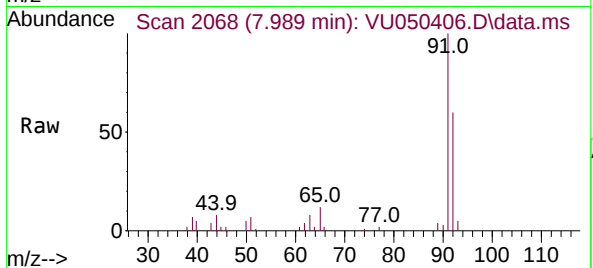
LOQ-WATER-02-QT3-2022

Tgt Ion: 92 Resp: 8785

Ion Ratio Lower Upper

92 100

91 176.5 138.6 207.8



#50

t-1,3-Dichloropropene

Concen: 0.428 ug/l

RT: 8.234 min Scan# 2144

Delta R.T. 0.023 min

Lab File: VU050406.D

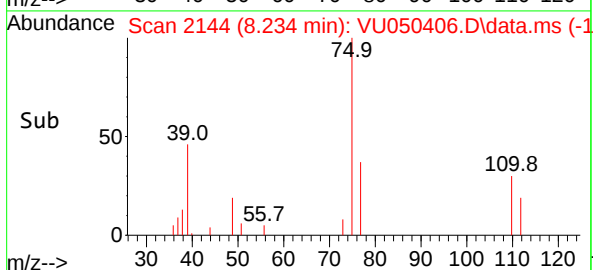
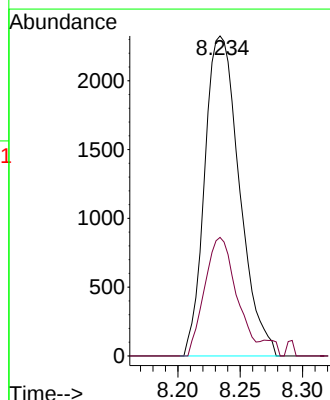
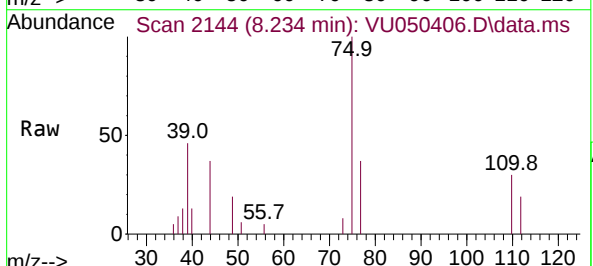
Acq: 22 Aug 2022 19:24

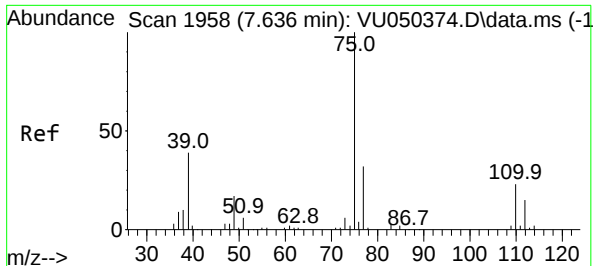
Tgt Ion: 75 Resp: 4508

Ion Ratio Lower Upper

75 100

77 37.0 24.7 37.1

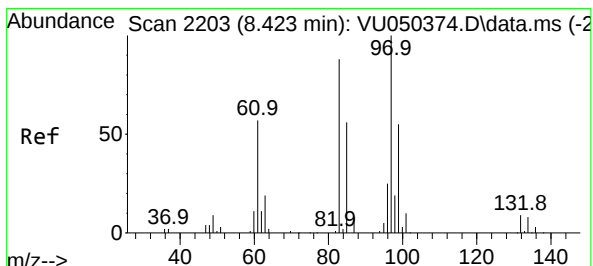
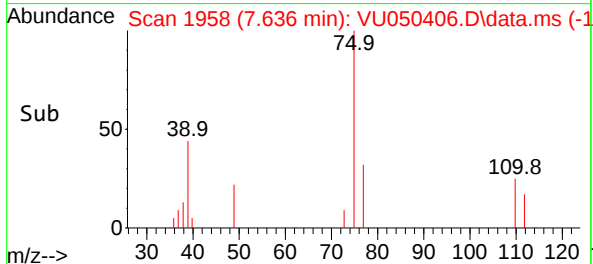
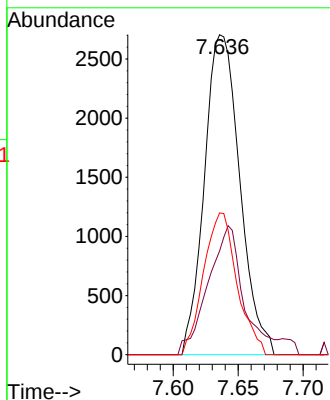
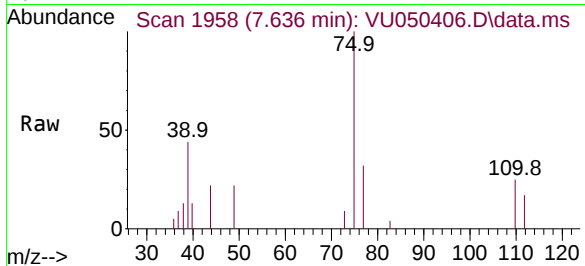




#51
 cis-1,3-Dichloropropene
 Concen: 0.426 ug/l
 RT: 7.636 min Scan# 1958
 Delta R.T. 0.026 min
 Lab File: VU050406.D
 Acq: 22 Aug 2022 19:24

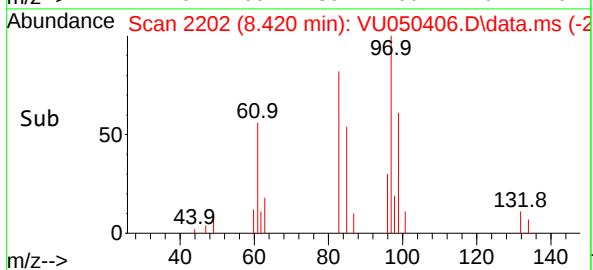
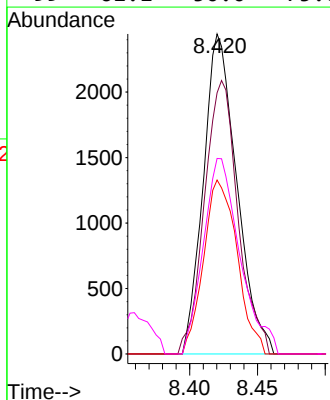
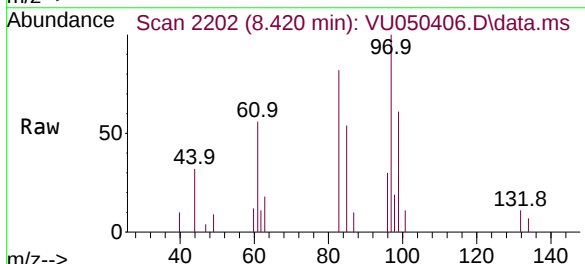
Instrument : MSVOA_U
 ClientSampleId : LOQ-WATER-02-QT3-2022

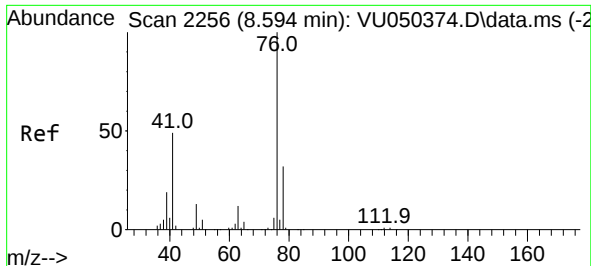
Tgt Ion:	75	Resp:	5137
Ion	Ratio	Lower	Upper
75	100		
77	32.4	25.4	38.0
39	44.3	35.1	52.7



#52
 1,1,2-Trichloroethane
 Concen: 0.498 ug/l
 RT: 8.420 min Scan# 2202
 Delta R.T. 0.019 min
 Lab File: VU050406.D
 Acq: 22 Aug 2022 19:24

Tgt Ion:	97	Resp:	4192
Ion	Ratio	Lower	Upper
97	100		
83	81.6	70.6	106.0
85	54.4	46.2	69.4
99	61.1	50.0	75.0





#53

1,3-Dichloropropane

Concen: 0.475 ug/l

RT: 8.594 min Scan# 21

Delta R.T. 0.016 min

Lab File: VU050406.D

Acq: 22 Aug 2022 19:24

Instrument :

MSVOA_U

ClientSampleId :

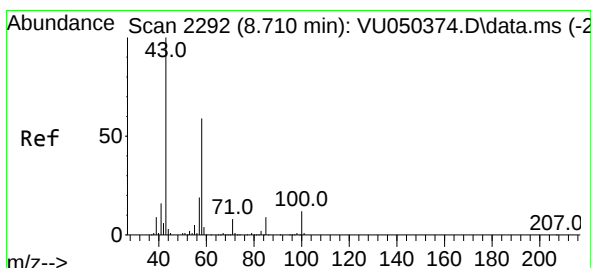
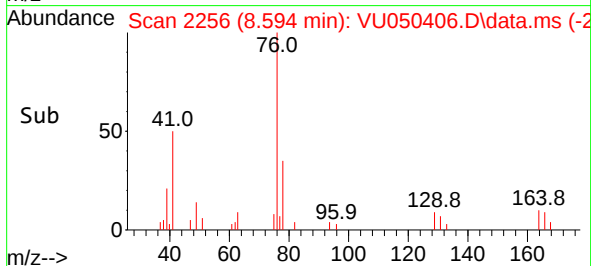
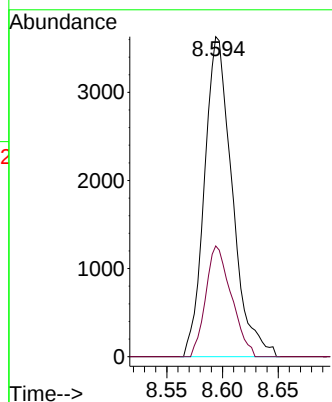
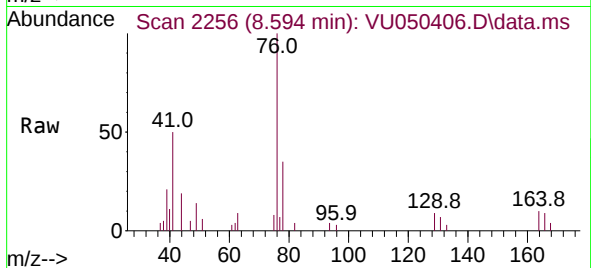
LOQ-WATER-02-QT3-2022

Tgt Ion: 76 Resp: 6291

Ion Ratio Lower Upper

76 100

78 32.0 26.0 39.0



#54

2-Hexanone

Concen: 1.930 ug/l

RT: 8.716 min Scan# 2294

Delta R.T. 0.026 min

Lab File: VU050406.D

Acq: 22 Aug 2022 19:24

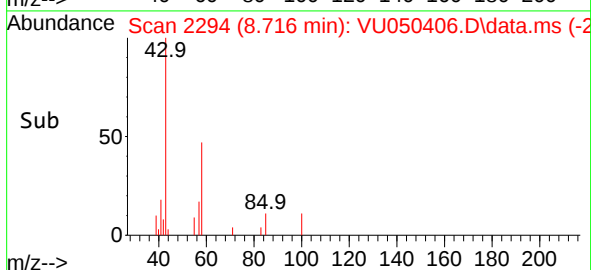
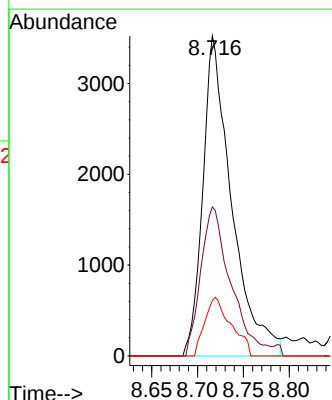
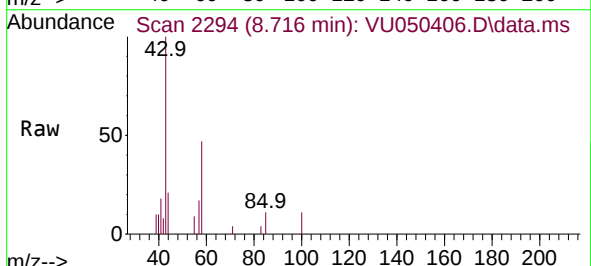
Tgt Ion: 43 Resp: 7728

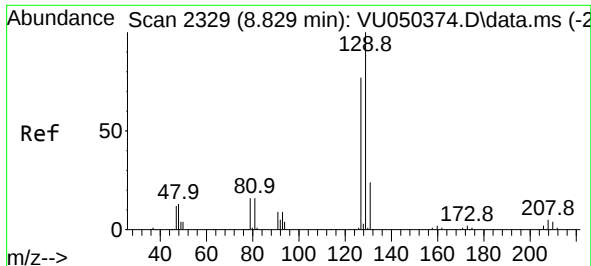
Ion Ratio Lower Upper

43 100

58 48.6 37.1 77.1

57 16.6 0.0 39.5





#55

Dibromochloromethane

Concen: 0.506 ug/l

RT: 8.825 min Scan# 2328

Delta R.T. 0.013 min

Lab File: VU050406.D

Acq: 22 Aug 2022 19:24

Instrument :

MSVOA_U

ClientSampleId :

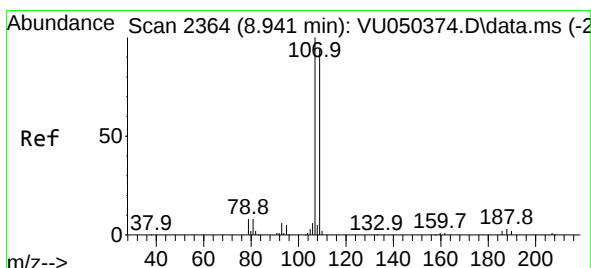
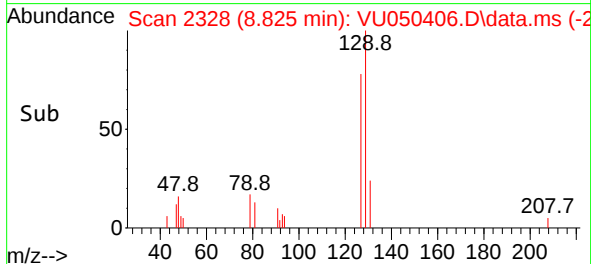
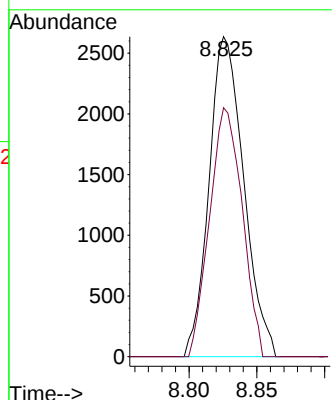
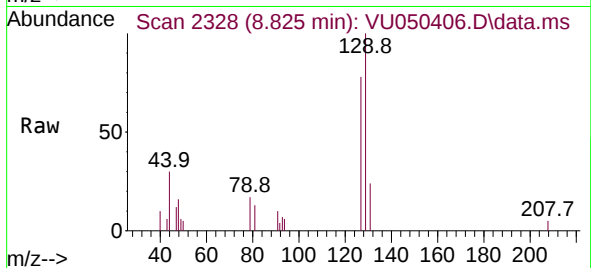
LOQ-WATER-02-QT3-2022

Tgt Ion:129 Resp: 4686

Ion Ratio Lower Upper

129 100

127 73.0 61.2 91.8



#56

1,2-Dibromoethane

Concen: 0.471 ug/l

RT: 8.944 min Scan# 2365

Delta R.T. 0.019 min

Lab File: VU050406.D

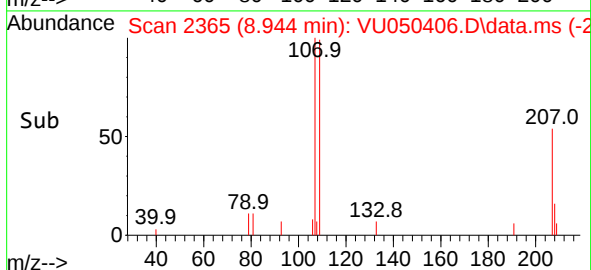
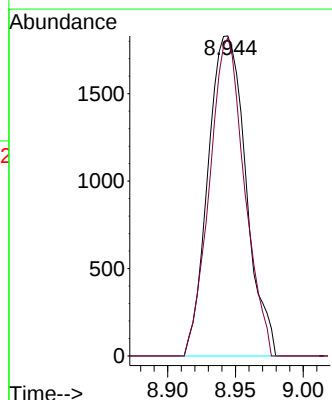
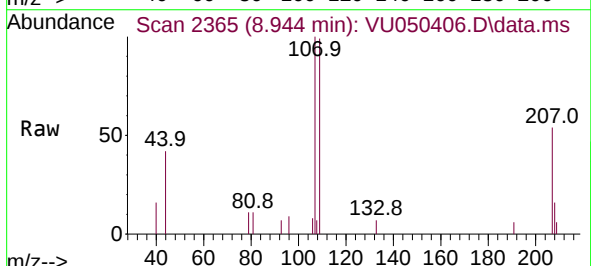
Acq: 22 Aug 2022 19:24

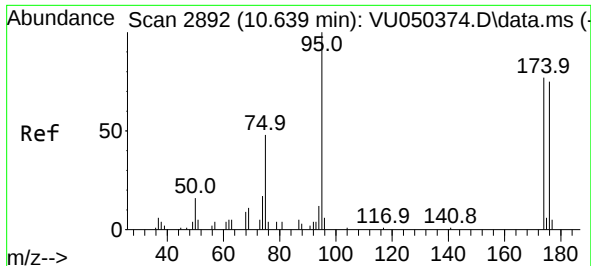
Tgt Ion:107 Resp: 3558

Ion Ratio Lower Upper

107 100

109 91.5 0.0 187.2





#57

4-Bromofluorobenzene

Concen: 0.832 ug/l

RT: 10.639 min Scan# 2892

Delta R.T. 0.007 min

Lab File: VU050406.D

Acq: 22 Aug 2022 19:24

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT3-2022

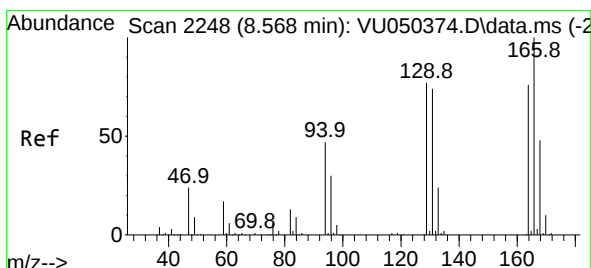
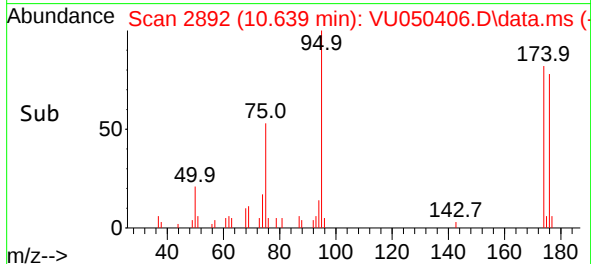
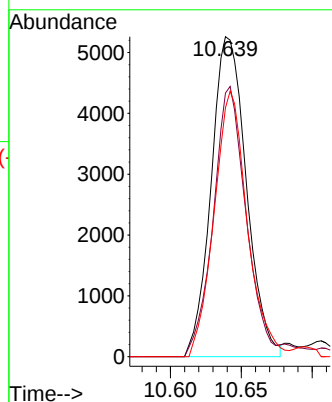
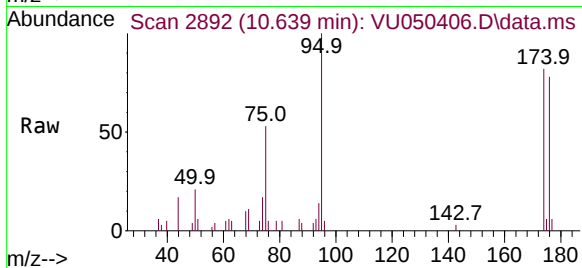
Tgt Ion: 95 Resp: 9082

Ion Ratio Lower Upper

95 100

174 81.0 62.4 93.6

176 78.2 56.2 84.2



#58

Tetrachloroethene

Concen: 0.505 ug/l

RT: 8.568 min Scan# 2248

Delta R.T. 0.016 min

Lab File: VU050406.D

Acq: 22 Aug 2022 19:24

Tgt Ion: 164 Resp: 4508

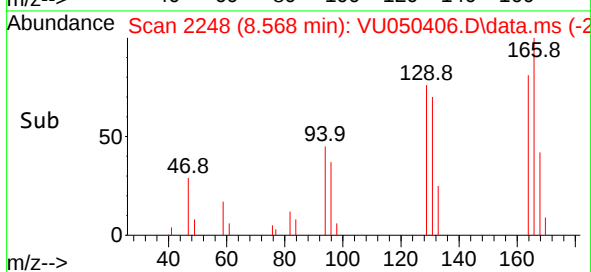
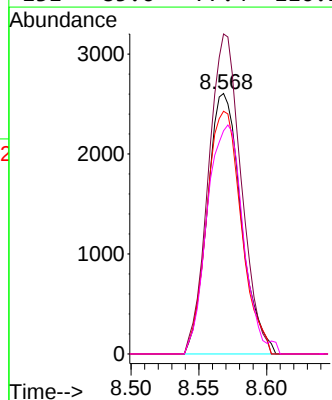
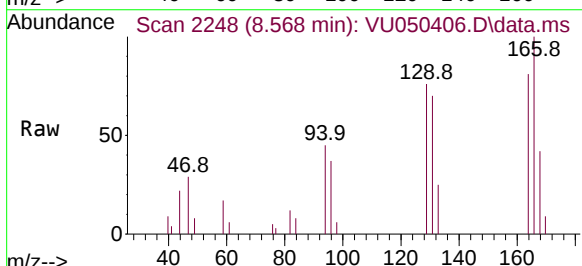
Ion Ratio Lower Upper

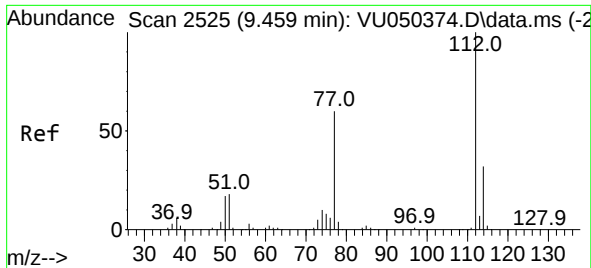
164 100

166 122.8 102.4 153.6

129 93.2 79.5 119.3

131 85.6 77.4 116.2

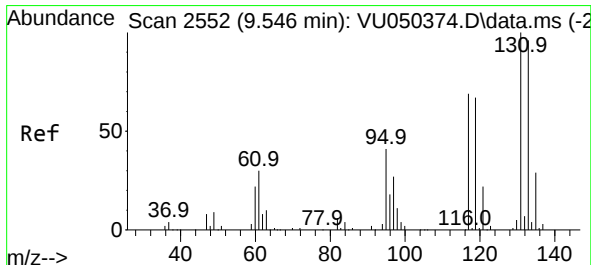
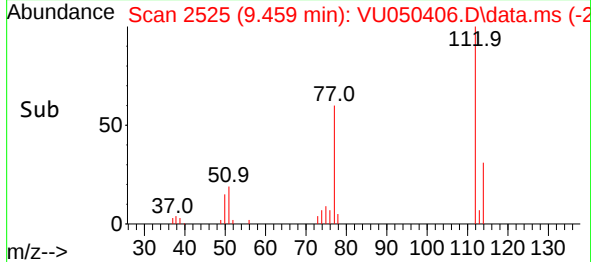
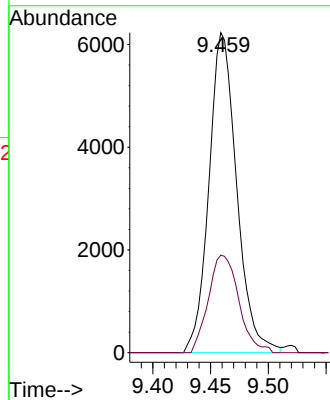
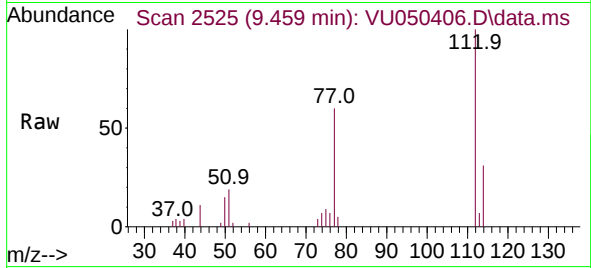




#59
Chlorobenzene
Concen: 0.454 ug/l
RT: 9.459 min Scan# 2525
Delta R.T. 0.010 min
Lab File: VU050406.D
Acq: 22 Aug 2022 19:24

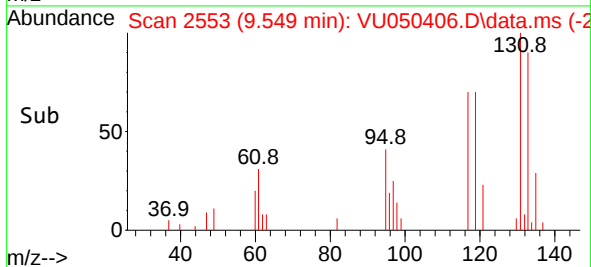
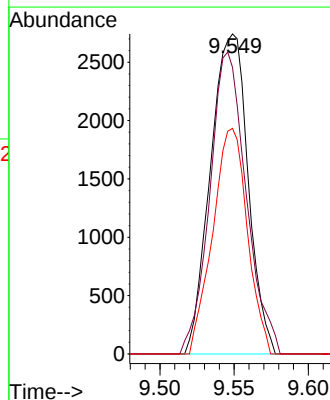
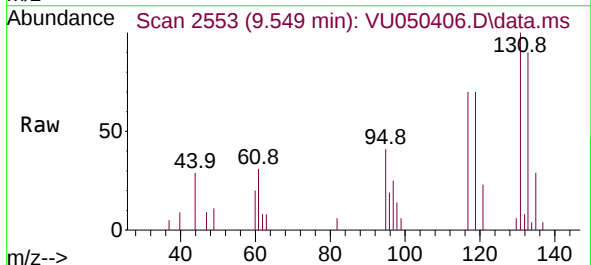
Instrument : MSVOA_U
ClientSampleId : LOQ-WATER-02-QT3-2022

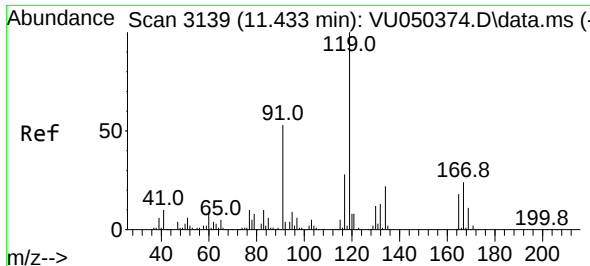
Tgt Ion:112 Resp: 10410
Ion Ratio Lower Upper
112 100
114 30.5 24.9 37.3



#60
1,1,1,2-Tetrachloroethane
Concen: 0.501 ug/l
RT: 9.549 min Scan# 2553
Delta R.T. 0.013 min
Lab File: VU050406.D
Acq: 22 Aug 2022 19:24

Tgt Ion:131 Resp: 4829
Ion Ratio Lower Upper
131 100
133 91.4 78.3 117.5
119 64.9 53.2 79.8

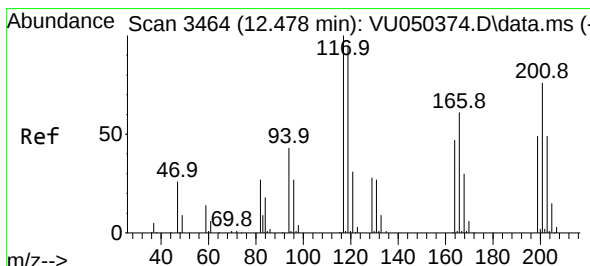
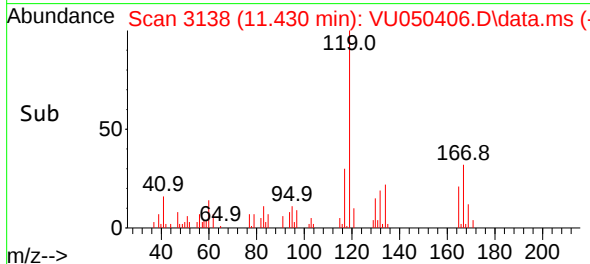
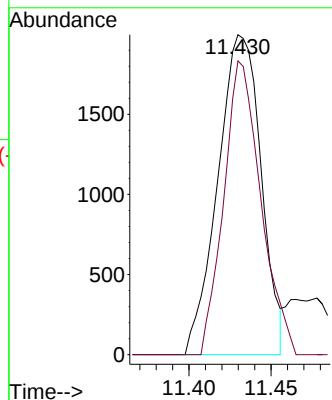
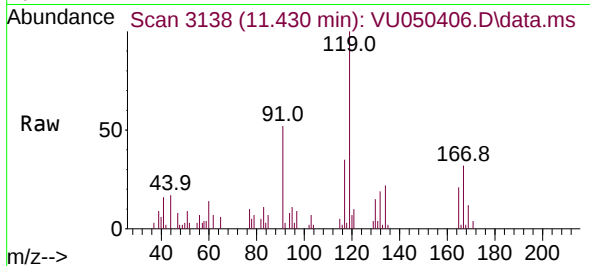




#61
Pentachloroethane
Concen: 0.456 ug/l
RT: 11.430 min Scan# 3139
Delta R.T. 0.000 min
Lab File: VU050406.D
Acq: 22 Aug 2022 19:24

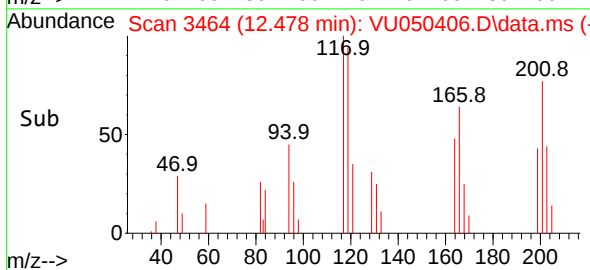
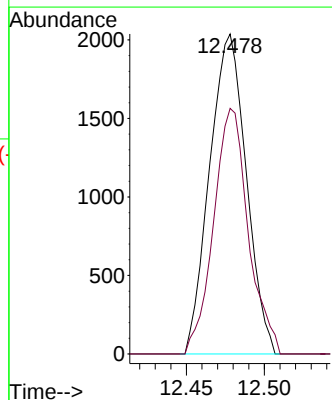
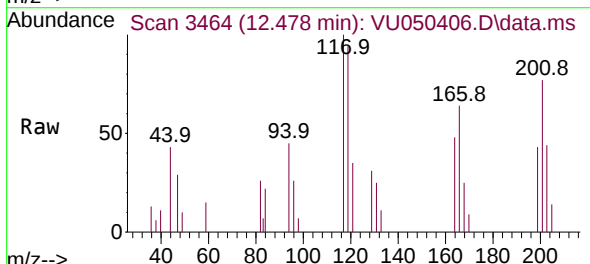
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT3-2022

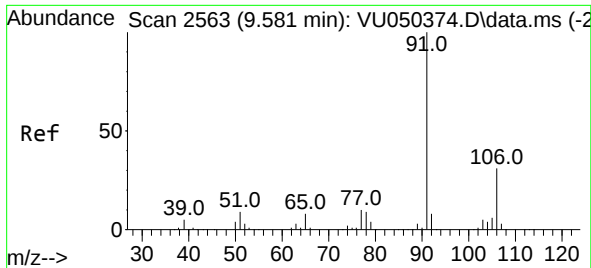
Tgt Ion:117 Resp: 3657
Ion Ratio Lower Upper
117 100
167 78.8 66.2 99.4



#62
Hexachloroethane
Concen: 0.498 ug/l
RT: 12.478 min Scan# 3464
Delta R.T. 0.003 min
Lab File: VU050406.D
Acq: 22 Aug 2022 19:24

Tgt Ion:117 Resp: 3328
Ion Ratio Lower Upper
117 100
201 72.7 61.0 91.4

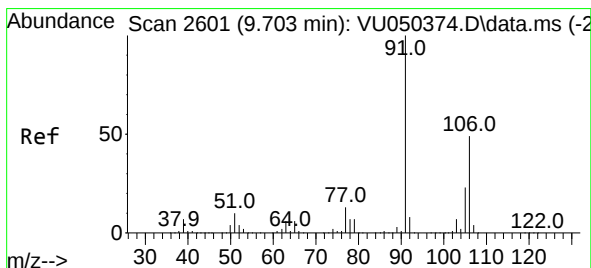
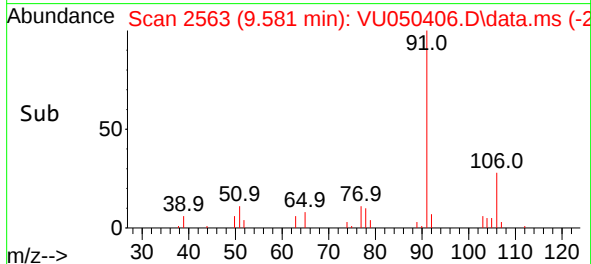
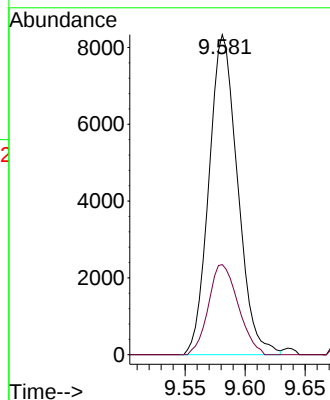
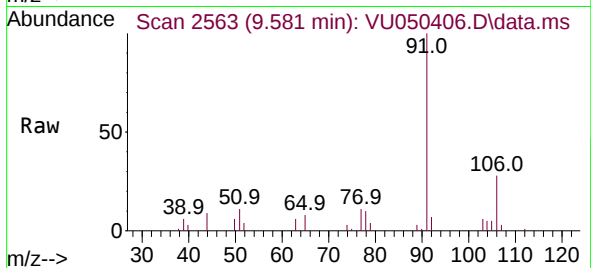




#63
Ethyl Benzene
Concen: 0.378 ug/l
RT: 9.581 min Scan# 2563
Delta R.T. 0.010 min
Lab File: VU050406.D
Acq: 22 Aug 2022 19:24

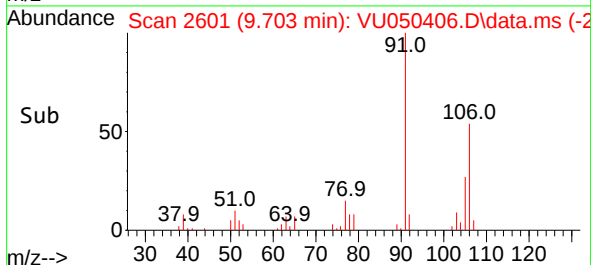
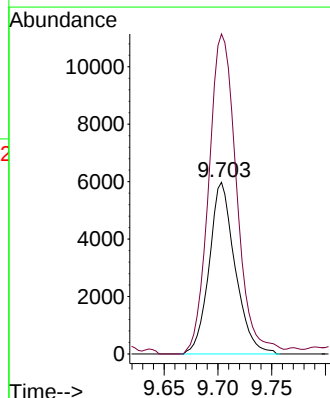
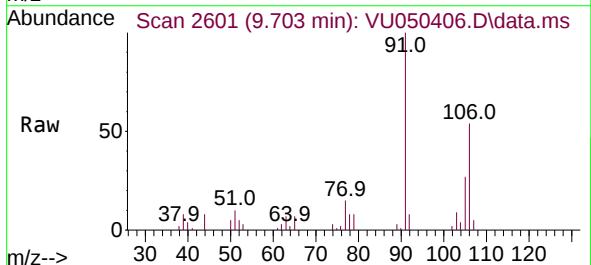
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT3-2022

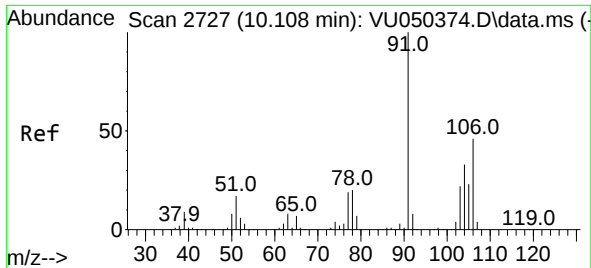
Tgt Ion: 91 Resp: 13829
Ion Ratio Lower Upper
91 100
106 28.1 24.4 36.6



#64
m/p-Xylenes
Concen: 0.702 ug/l
RT: 9.703 min Scan# 2601
Delta R.T. 0.010 min
Lab File: VU050406.D
Acq: 22 Aug 2022 19:24

Tgt Ion:106 Resp: 9999
Ion Ratio Lower Upper
106 100
91 200.6 167.8 251.6

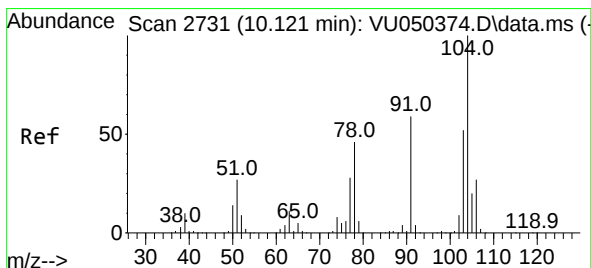
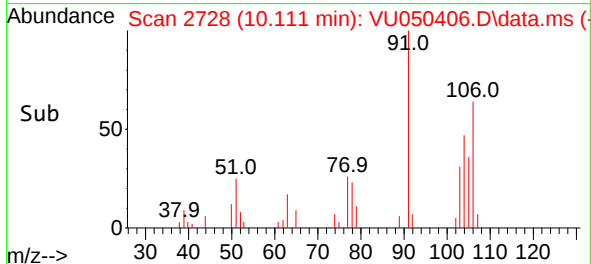
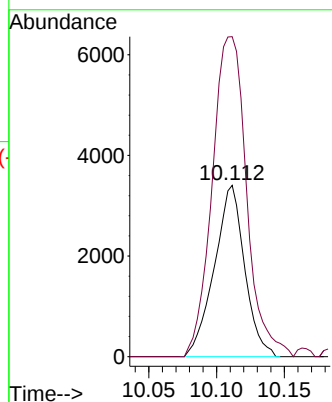
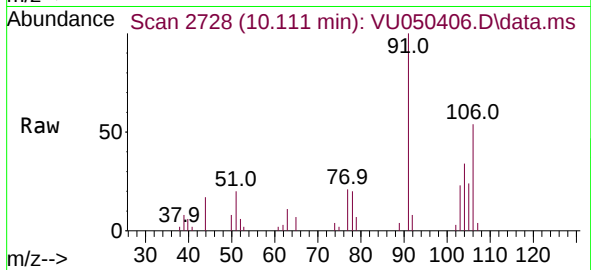




#65
o-Xylene
Concen: 0.390 ug/l
RT: 10.111 min Scan# 2728
Delta R.T. 0.010 min
Lab File: VU050406.D
Acq: 22 Aug 2022 19:24

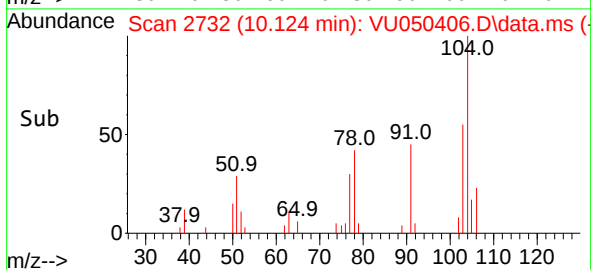
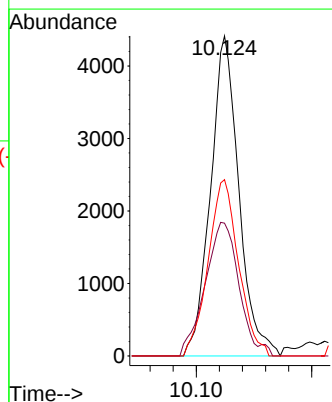
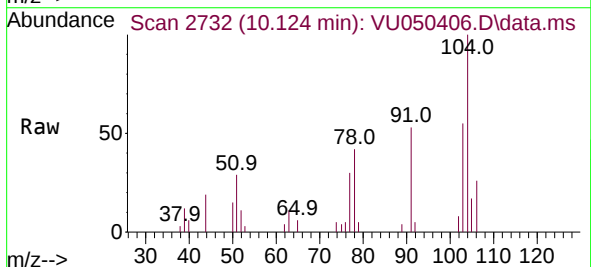
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT3-2022

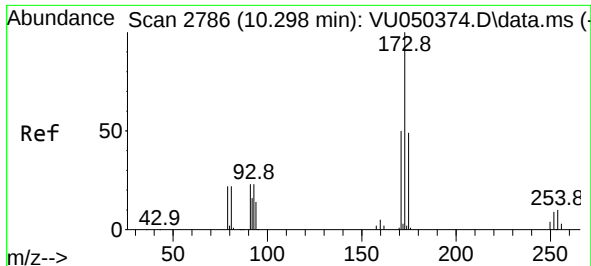
Tgt Ion:106 Resp: 5298
Ion Ratio Lower Upper
106 100
91 212.1 111.1 333.2



#66
Styrene
Concen: 0.326 ug/l
RT: 10.124 min Scan# 2732
Delta R.T. 0.010 min
Lab File: VU050406.D
Acq: 22 Aug 2022 19:24

Tgt Ion:104 Resp: 7521
Ion Ratio Lower Upper
104 100
78 49.9 42.1 63.1
103 59.2 44.5 66.7

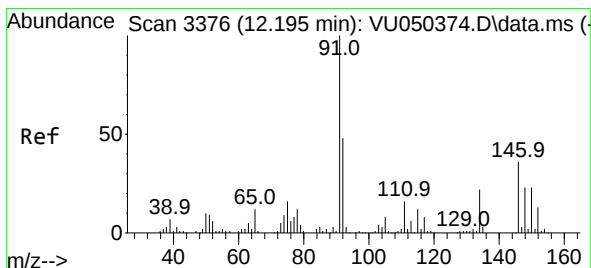
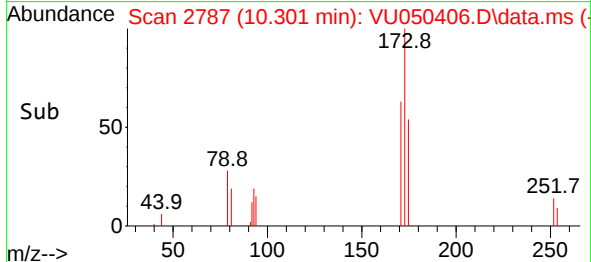
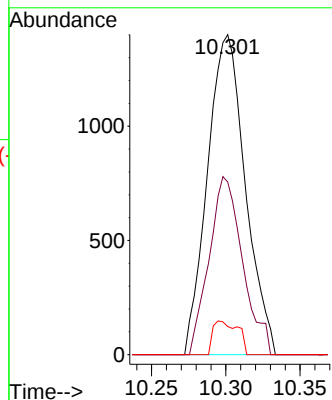
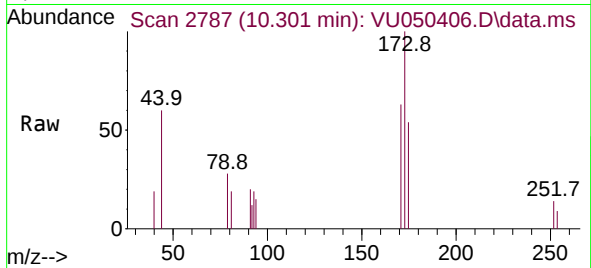




#67
Bromoform
Concen: 0.472 ug/l
RT: 10.301 min Scan# 21
Delta R.T. 0.010 min
Lab File: VU050406.D
Acq: 22 Aug 2022 19:24

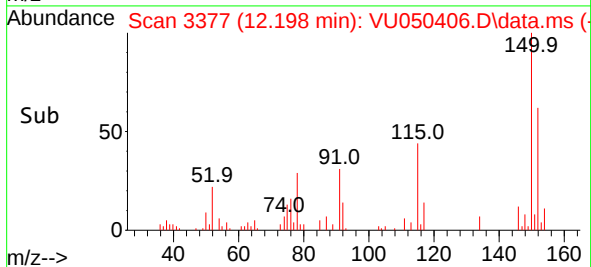
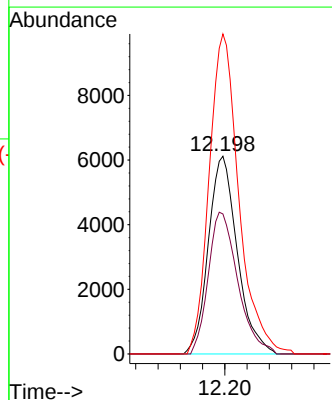
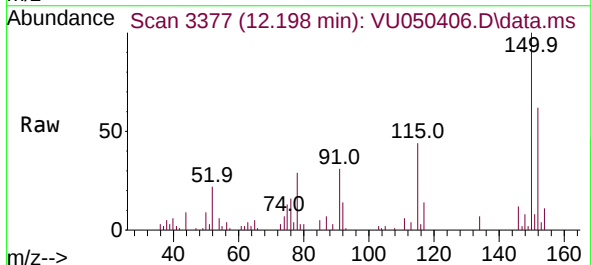
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT3-2022

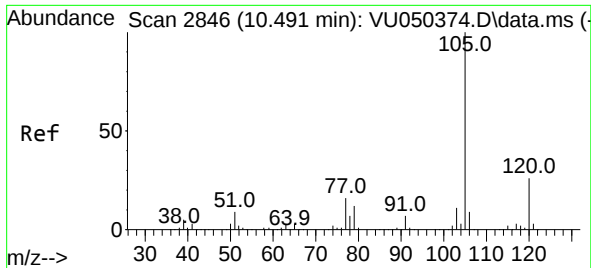
Tgt Ion:173 Resp: 2484
Ion Ratio Lower Upper
173 100
175 49.4 38.4 57.6
254 6.9 7.7 11.5#



#68
1,2-Dichlorobenzene-d4
Concen: 0.856 ug/l
RT: 12.198 min Scan# 3377
Delta R.T. 0.003 min
Lab File: VU050406.D
Acq: 22 Aug 2022 19:24

Tgt Ion:152 Resp: 11044
Ion Ratio Lower Upper
152 100
115 73.1 0.0 254.6
150 165.9 0.0 623.6

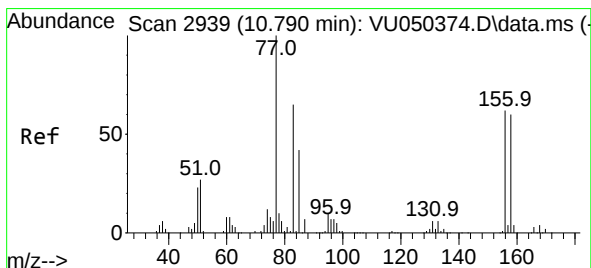
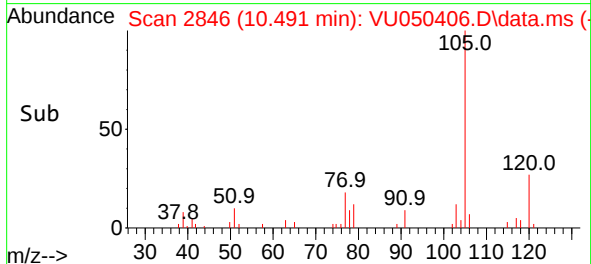
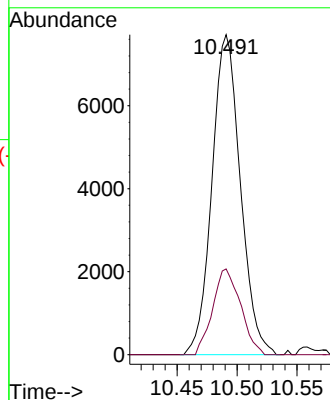
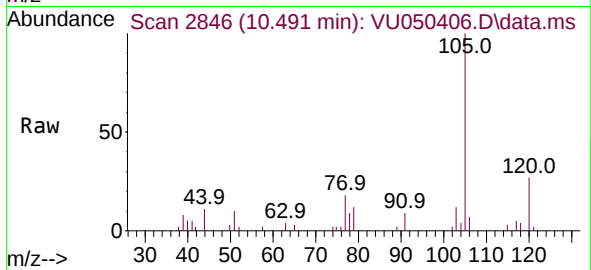




#69
Isopropylbenzene
Concen: 0.360 ug/l
RT: 10.491 min Scan# 2846
Delta R.T. 0.007 min
Lab File: VU050406.D
Acq: 22 Aug 2022 19:24

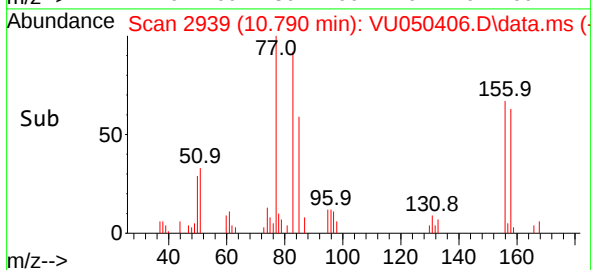
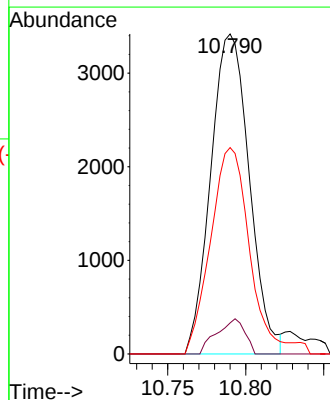
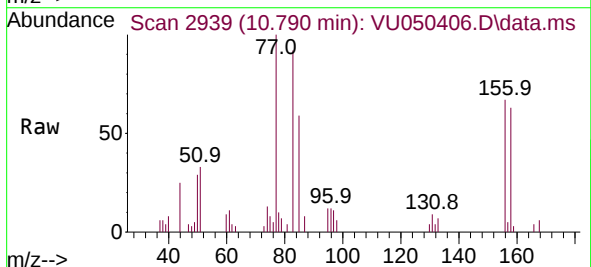
Instrument : MSVOA_U
ClientSampleId : LOQ-WATER-02-QT3-2022

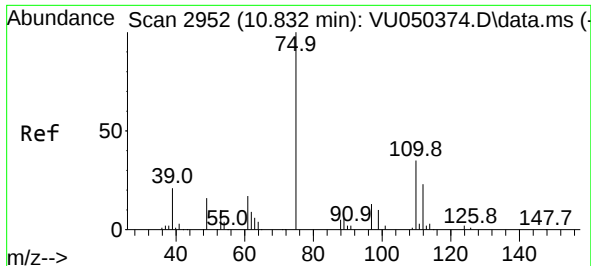
Tgt Ion:105 Resp: 12695
Ion Ratio Lower Upper
105 100
120 26.3 12.6 37.8



#70
1,1,2,2-Tetrachloroethane
Concen: 0.507 ug/l
RT: 10.790 min Scan# 2939
Delta R.T. 0.007 min
Lab File: VU050406.D
Acq: 22 Aug 2022 19:24

Tgt Ion: 83 Resp: 5874
Ion Ratio Lower Upper
83 100
131 8.0 7.7 11.5
85 65.9 51.2 76.8

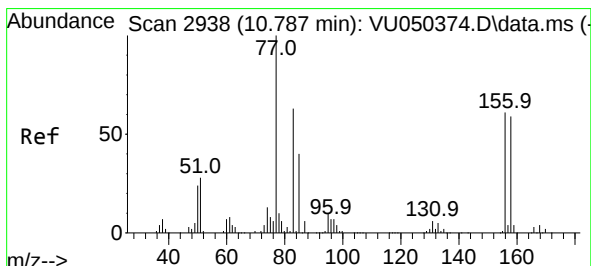
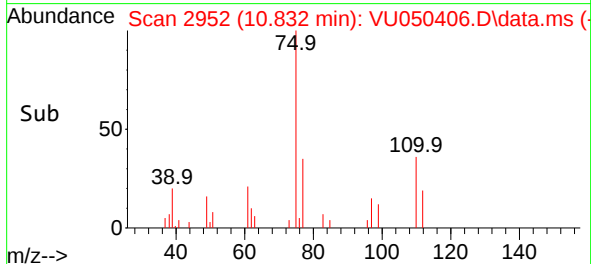
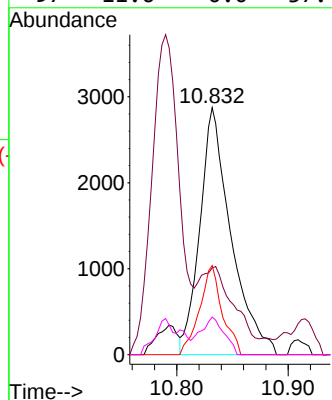
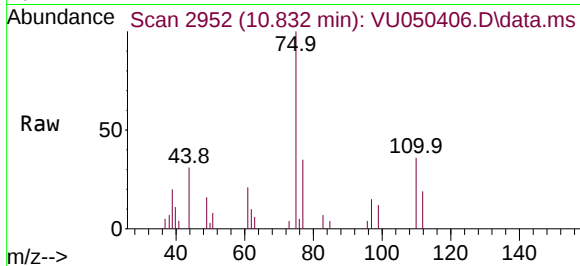




#71
1,2,3-Trichloropropane
Concen: 0.640 ug/l
RT: 10.832 min Scan# 2952
Delta R.T. 0.007 min
Lab File: VU050406.D
Acq: 22 Aug 2022 19:24

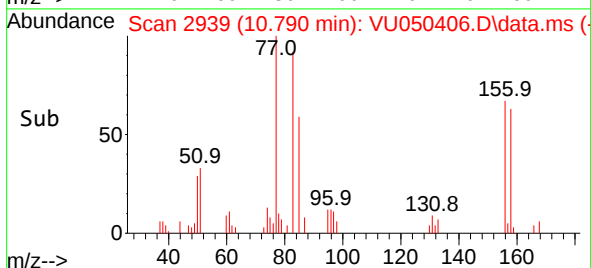
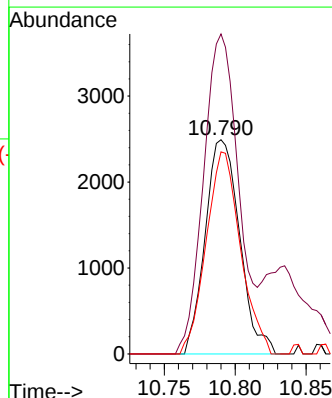
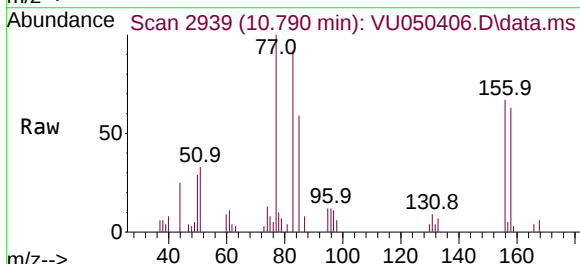
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT3-2022

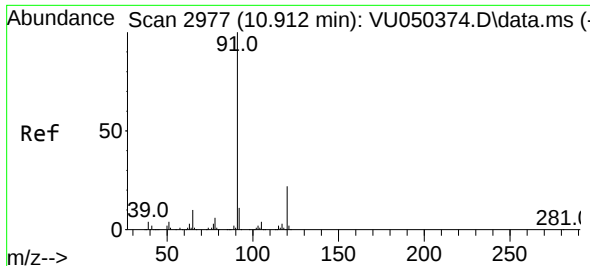
Tgt Ion: 75	Resp: 5577
Ion Ratio	Lower Upper
75 100	
77 0.0	0.0 112.4
110 26.3	0.0 70.6
97 11.6	0.0 37.4



#72
Bromobenzene
Concen: 0.425 ug/l
RT: 10.790 min Scan# 2939
Delta R.T. 0.007 min
Lab File: VU050406.D
Acq: 22 Aug 2022 19:24

Tgt Ion:156	Resp:	4212	
Ion	Ratio	Lower	Upper
156	100		
77	152.1	0.0	344.4
158	93.9	0.0	192.2

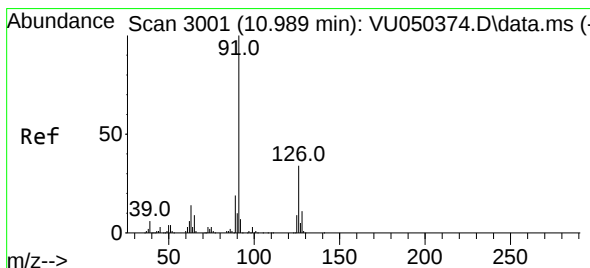
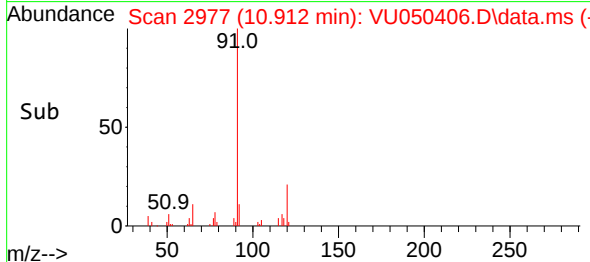
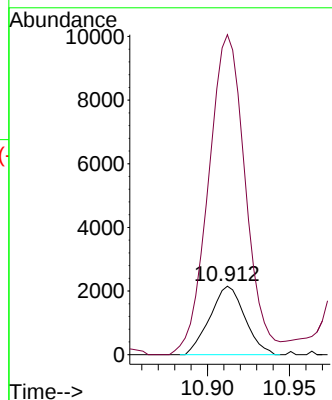
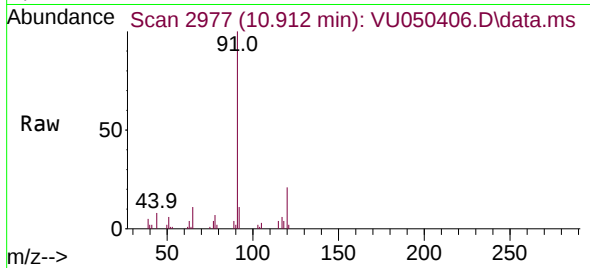




#73
n-propylbenzene
Concen: 0.331 ug/l
RT: 10.912 min Scan# 2977
Delta R.T. 0.007 min
Lab File: VU050406.D
Acq: 22 Aug 2022 19:24

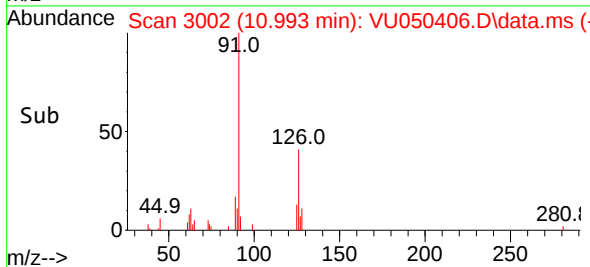
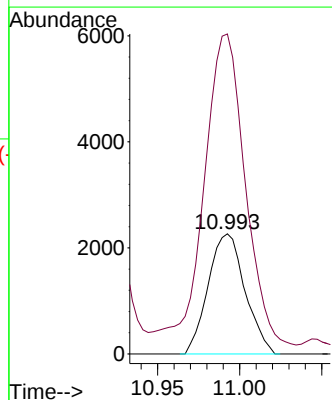
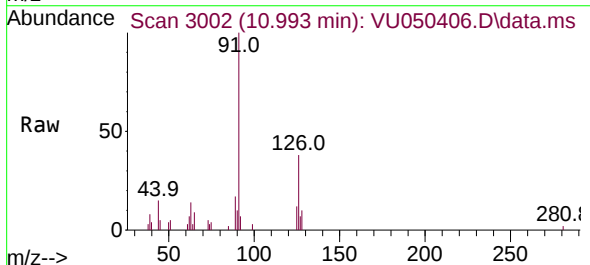
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT3-2022

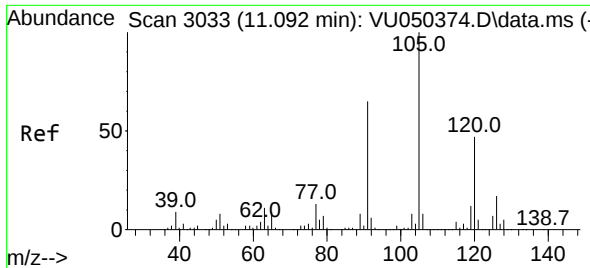
Tgt Ion:120 Resp: 3177
Ion Ratio Lower Upper
120 100
91 493.9 367.8 551.6



#74
2-Chlorotoluene
Concen: 0.379 ug/l
RT: 10.993 min Scan# 3002
Delta R.T. 0.007 min
Lab File: VU050406.D
Acq: 22 Aug 2022 19:24

Tgt Ion:126 Resp: 3535
Ion Ratio Lower Upper
126 100
91 286.8 0.0 620.6

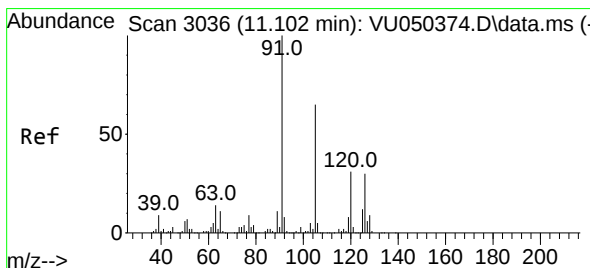
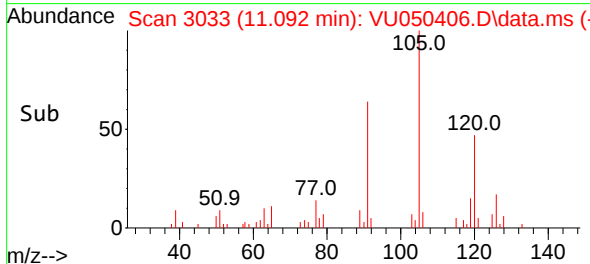
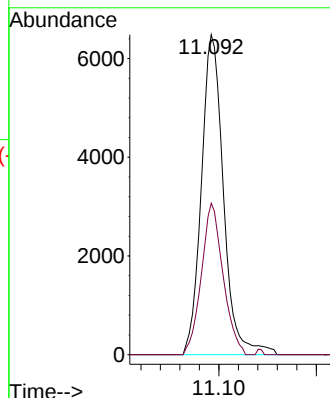
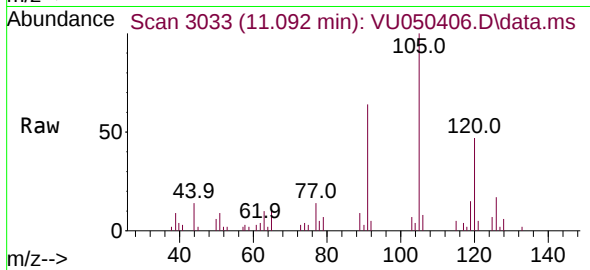




#75
1,3,5-Trimethylbenzene
Concen: 0.327 ug/l
RT: 11.092 min Scan# 3033
Delta R.T. 0.003 min
Lab File: VU050406.D
Acq: 22 Aug 2022 19:24

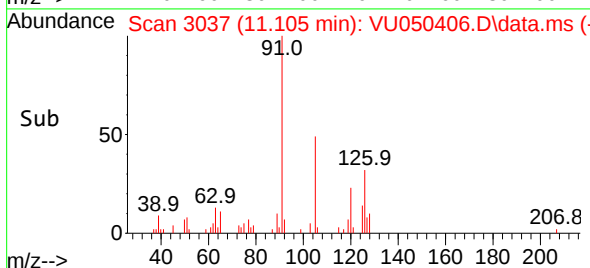
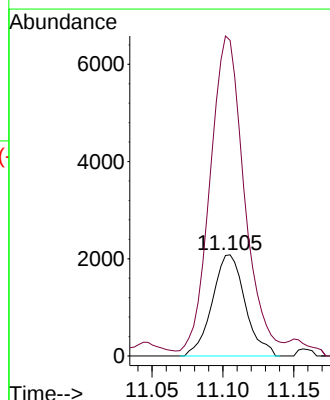
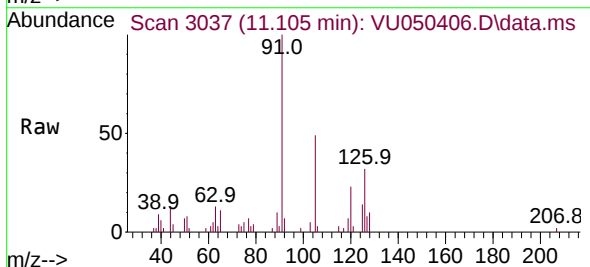
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT3-2022

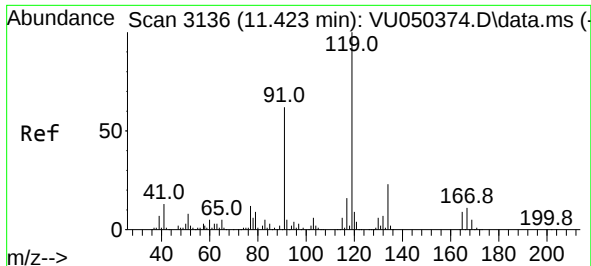
Tgt Ion:105 Resp: 10201
Ion Ratio Lower Upper
105 100
120 46.4 37.6 56.4



#76
4-Chlorotoluene
Concen: 0.352 ug/l
RT: 11.105 min Scan# 3037
Delta R.T. 0.007 min
Lab File: VU050406.D
Acq: 22 Aug 2022 19:24

Tgt Ion:126 Resp: 3365
Ion Ratio Lower Upper
126 100
91 318.8 0.0 738.8

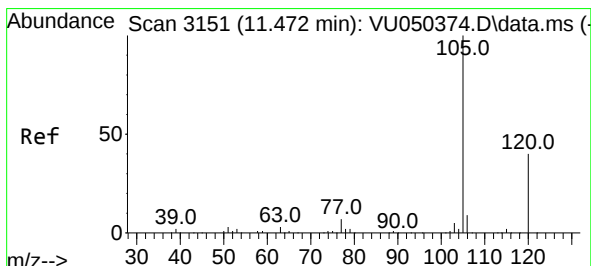
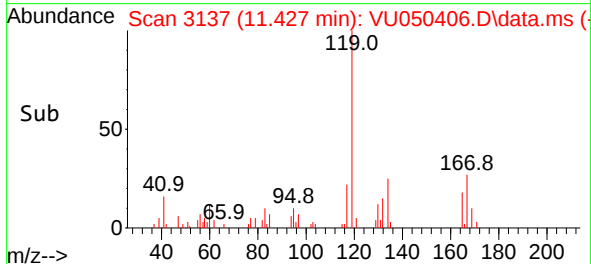
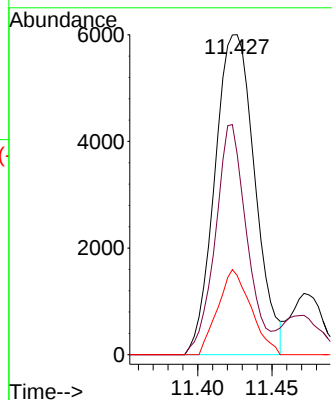
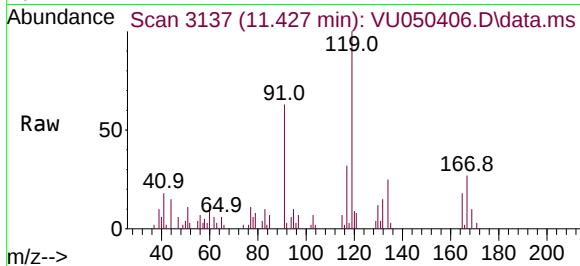




#77
 tert-Butylbenzene
 Concen: 0.367 ug/l
 RT: 11.427 min Scan# 3136
 Delta R.T. 0.007 min
 Lab File: VU050406.D
 Acq: 22 Aug 2022 19:24

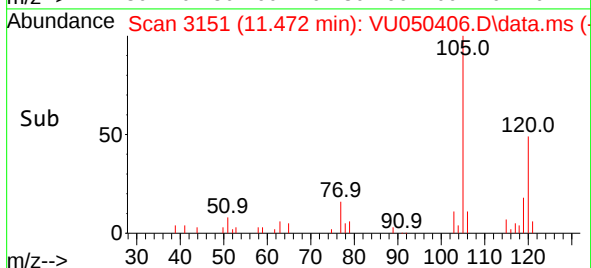
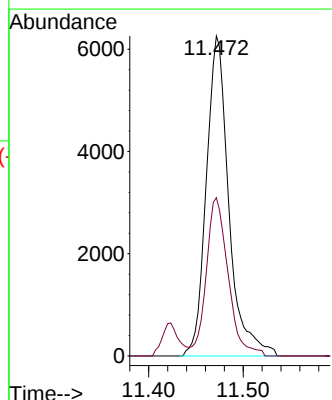
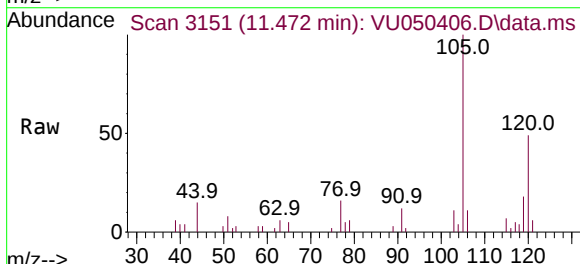
Instrument :
 MSVOA_U
 ClientSampleId :
 LOQ-WATER-02-QT3-2022

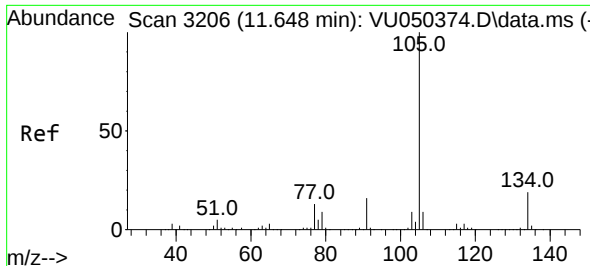
Tgt Ion:	119	Resp:	11269
Ion Ratio	Lower	Upper	
119	100		
91	56.5	30.4	91.3
134	21.9	17.8	26.6



#78
 1,2,4-Trimethylbenzene
 Concen: 0.322 ug/l
 RT: 11.472 min Scan# 3151
 Delta R.T. 0.003 min
 Lab File: VU050406.D
 Acq: 22 Aug 2022 19:24

Tgt Ion:	105	Resp:	10357
Ion Ratio	Lower	Upper	
105	100		
120	47.9	21.6	65.0

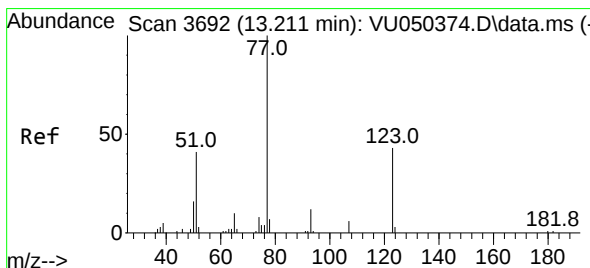
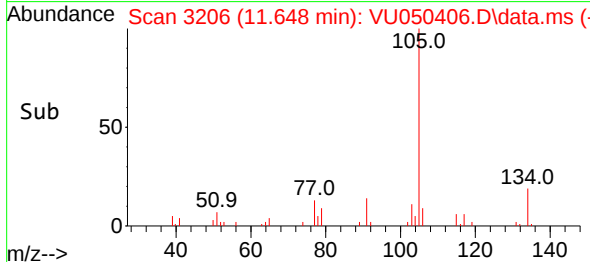
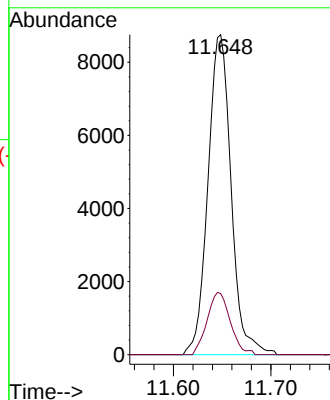
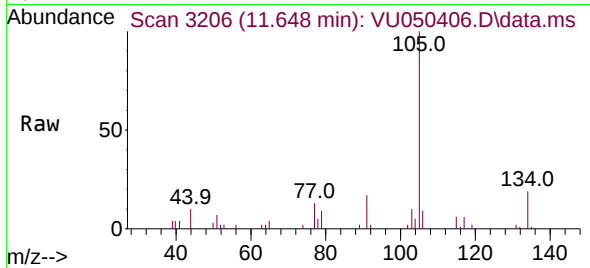




#79
 sec-Butylbenzene
 Concen: 0.359 ug/l
 RT: 11.648 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VU050406.D
 Acq: 22 Aug 2022 19:24

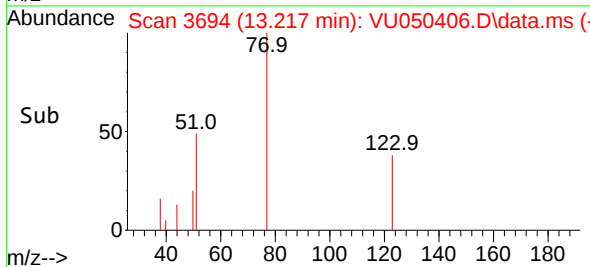
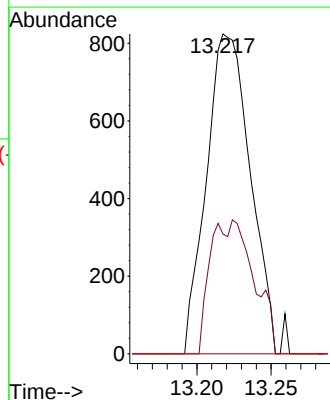
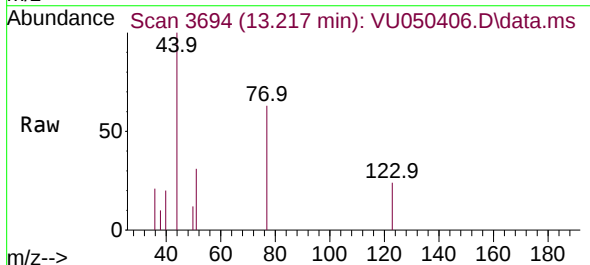
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 LOQ-WATER-02-QT3-2022

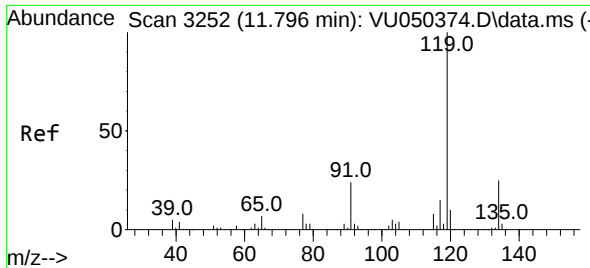
Tgt Ion:105 Resp: 14464
 Ion Ratio Lower Upper
 105 100
 134 19.4 15.4 23.0



#80
 Nitrobenzene
 Concen: 2.694 ug/l
 RT: 13.217 min Scan# 3694
 Delta R.T. 0.010 min
 Lab File: VU050406.D
 Acq: 22 Aug 2022 19:24

Tgt Ion: 77 Resp: 1693
 Ion Ratio Lower Upper
 77 100
 123 18.4 18.1 64.3
 65 0.0 10.8 13.8#

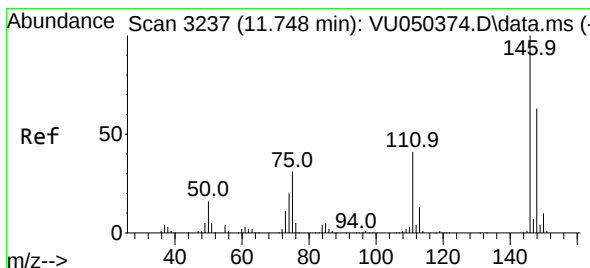
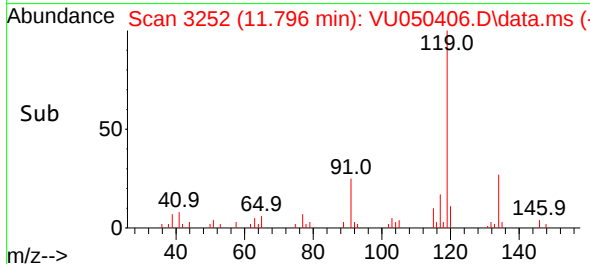
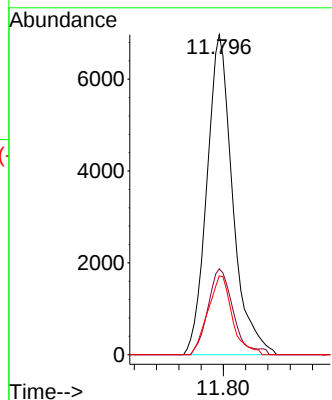
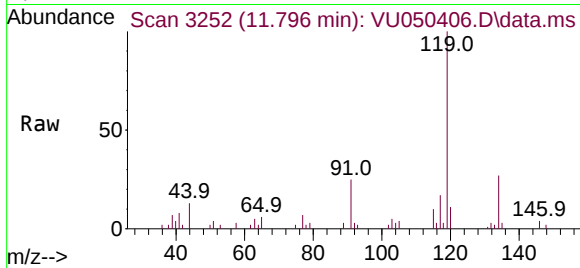




#81
p-Isopropyltoluene
Concen: 0.347 ug/l
RT: 11.796 min Scan# 3117
Delta R.T. 0.003 min
Lab File: VU050406.D
Acq: 22 Aug 2022 19:24

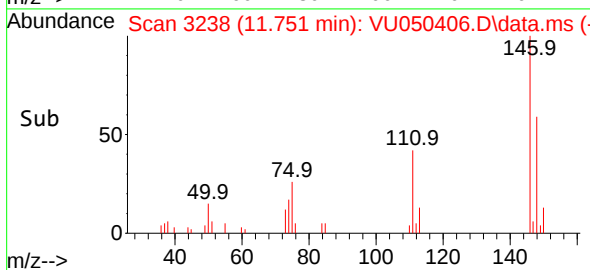
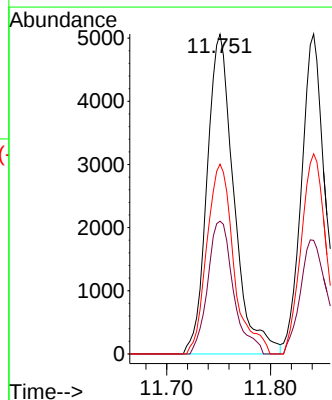
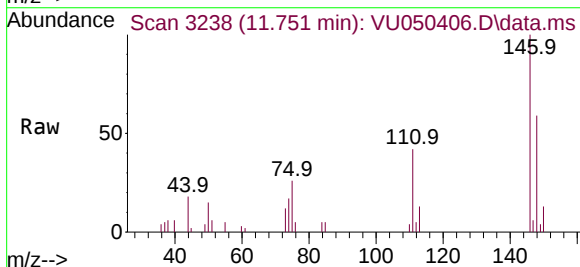
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT3-2022

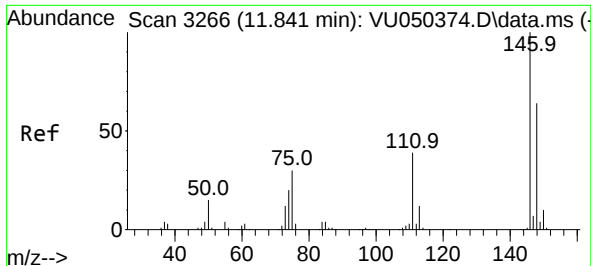
Tgt Ion:	119	Resp:	11171
Ion	Ratio	Lower	Upper
119	100		
134	26.3	20.5	30.7
91	23.2	19.8	29.6



#82
1,3-Dichlorobenzene
Concen: 0.446 ug/l
RT: 11.751 min Scan# 3238
Delta R.T. 0.007 min
Lab File: VU050406.D
Acq: 22 Aug 2022 19:24

Tgt Ion:	146	Resp:	9099
Ion	Ratio	Lower	Upper
146	100		
111	39.6	33.4	50.2
148	59.7	51.2	76.8

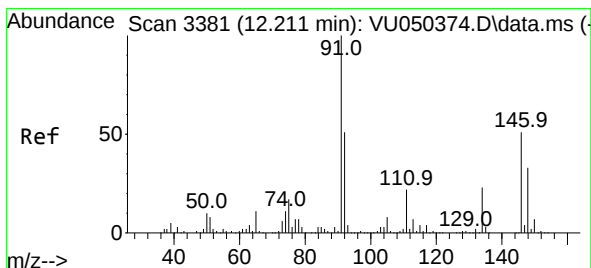
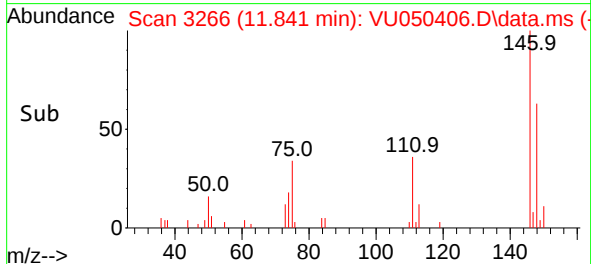
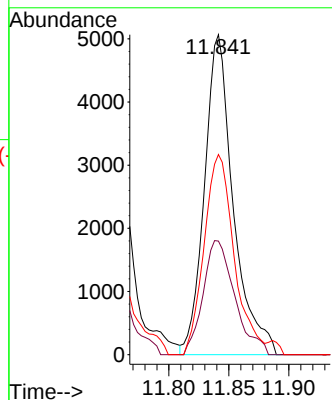
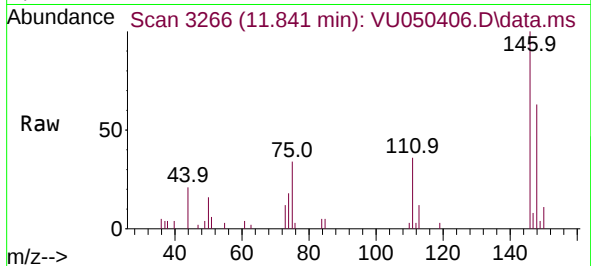




#83
1,4-Dichlorobenzene
Concen: 0.417 ug/l
RT: 11.841 min Scan# 3266
Delta R.T. 0.007 min
Lab File: VU050406.D
Acq: 22 Aug 2022 19:24

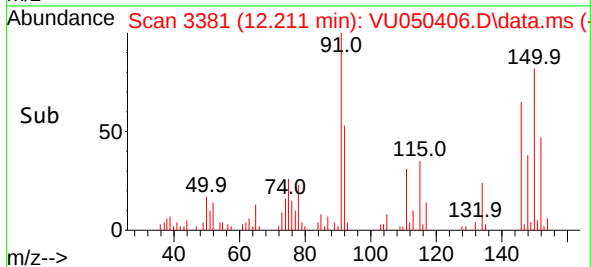
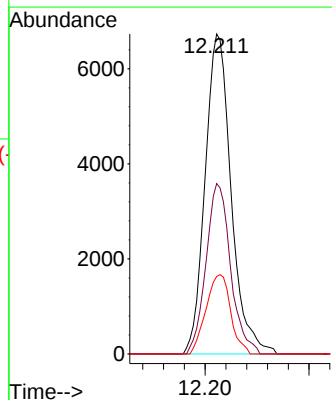
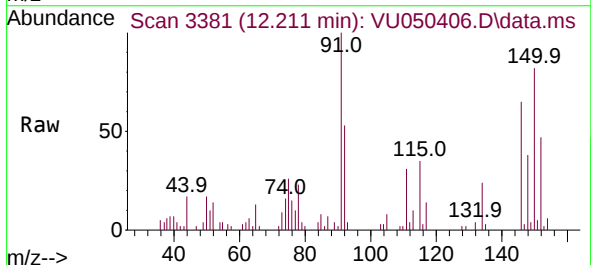
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT3-2022

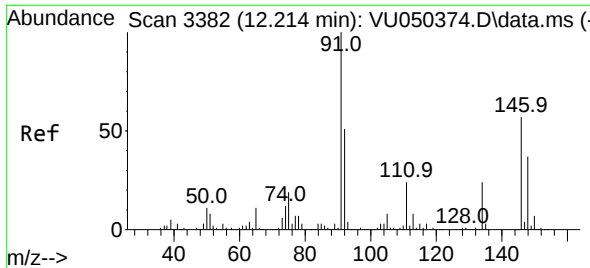
Tgt Ion:	146	Resp:	8466
Ion	Ratio	Lower	Upper
146	100		
111	39.1	32.6	49.0
148	65.2	51.6	77.4



#84
n-Butylbenzene
Concen: 0.384 ug/l
RT: 12.211 min Scan# 3381
Delta R.T. 0.000 min
Lab File: VU050406.D
Acq: 22 Aug 2022 19:24

Tgt Ion:	91	Resp:	11681
Ion	Ratio	Lower	Upper
91	100		
92	50.2	42.3	63.5
134	23.4	19.6	29.4

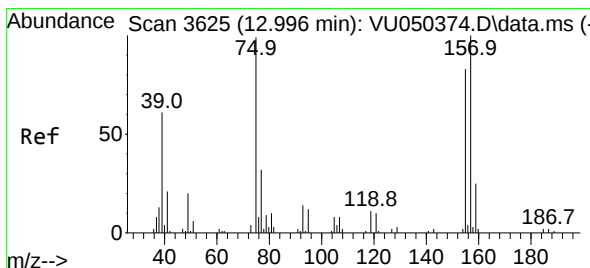
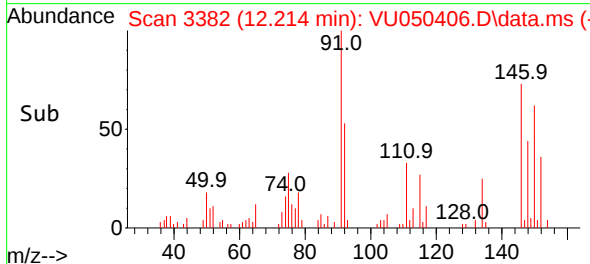
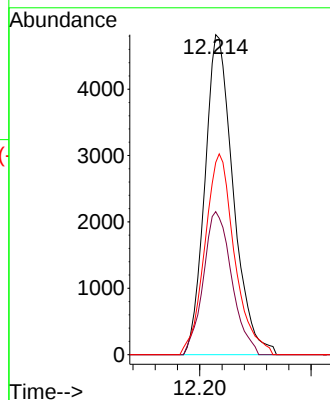
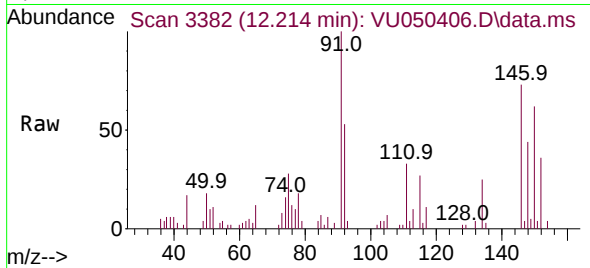




#85
 1,2-Dichlorobenzene
 Concen: 0.425 ug/l
 RT: 12.214 min Scan# 3382
 Delta R.T. 0.003 min
 Lab File: VU050406.D
 Acq: 22 Aug 2022 19:24

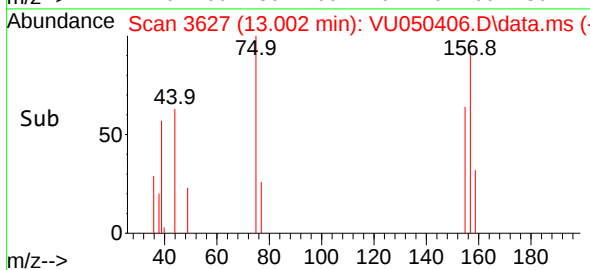
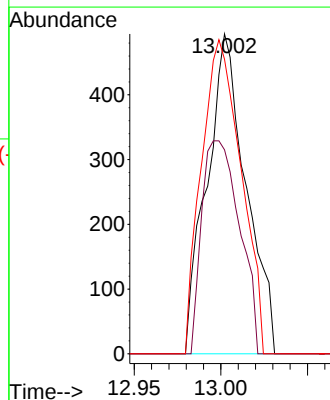
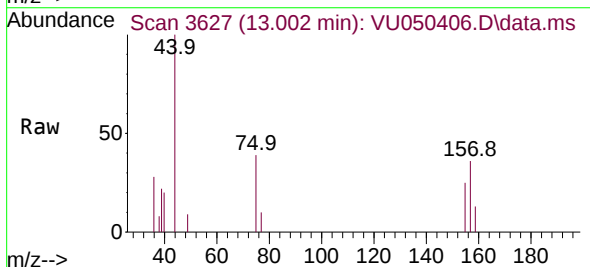
Instrument :
 MSVOA_U
 ClientSampleId :
 LOQ-WATER-02-QT3-2022

Tgt Ion:146 Resp: 8525
 Ion Ratio Lower Upper
 146 100
 111 44.7 22.1 66.1
 148 65.7 32.1 96.3



#86
 1,2-Dibromo-3-Chloropropane
 Concen: 0.425 ug/l
 RT: 13.002 min Scan# 3627
 Delta R.T. 0.007 min
 Lab File: VU050406.D
 Acq: 22 Aug 2022 19:24

Tgt Ion: 75 Resp: 777
 Ion Ratio Lower Upper
 75 100
 155 64.2 66.8 100.2#
 157 99.6 83.8 125.8

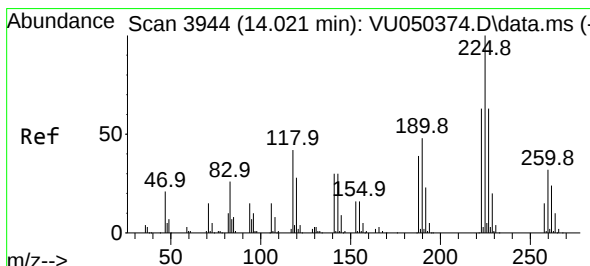
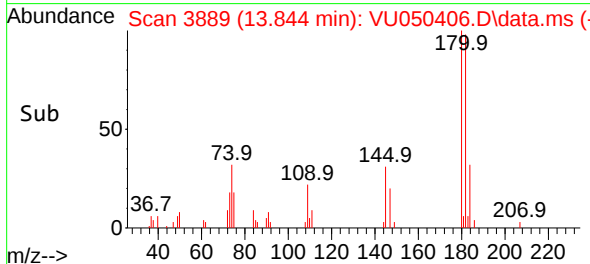
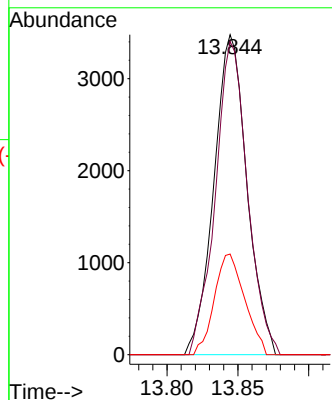
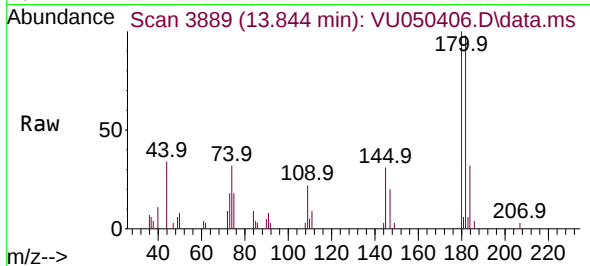




#87
1,2,4-Trichlorobenzene
Concen: 0.493 ug/l
RT: 13.844 min Scan# 3888
Delta R.T. 0.003 min
Lab File: VU050406.D
Acq: 22 Aug 2022 19:24

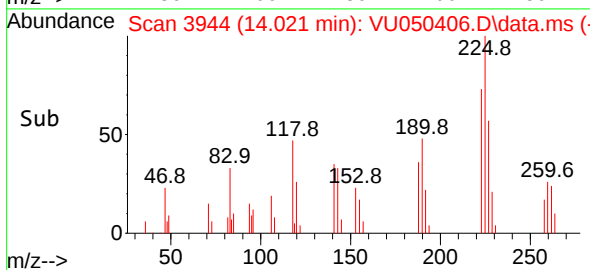
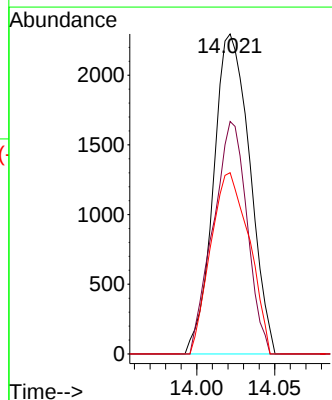
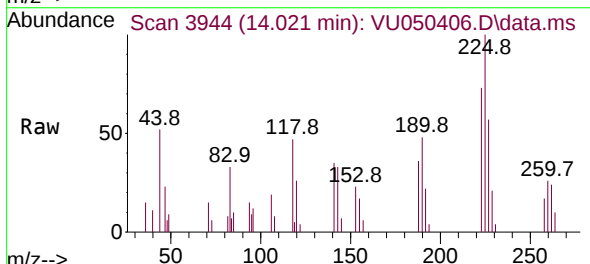
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT3-2022

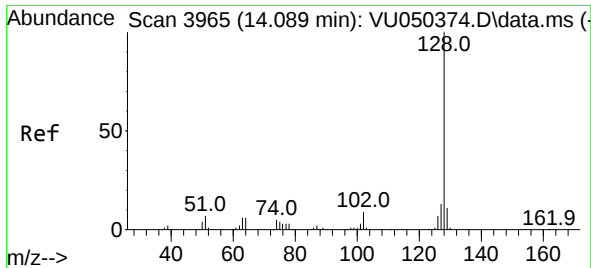
Tgt Ion:180 Resp: 5646
Ion Ratio Lower Upper
180 100
182 95.0 77.0 115.6
145 28.9 25.7 38.5



#88
Hexachlorobutadiene
Concen: 0.499 ug/l
RT: 14.021 min Scan# 3944
Delta R.T. 0.000 min
Lab File: VU050406.D
Acq: 22 Aug 2022 19:24

Tgt Ion:225 Resp: 3713
Ion Ratio Lower Upper
225 100
223 67.7 50.6 76.0
227 60.2 50.7 76.1

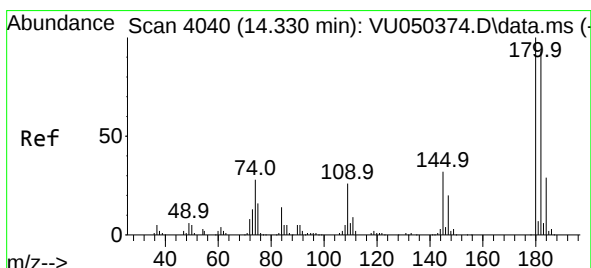
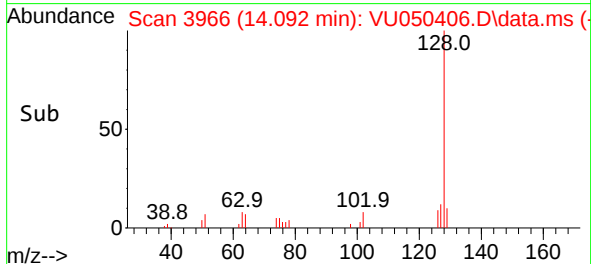
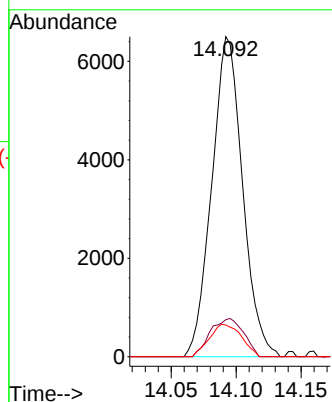
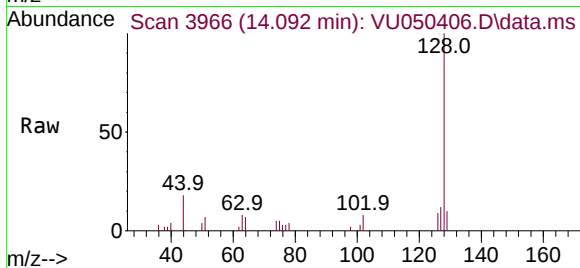




#89
Naphthalene
Concen: 0.425 ug/l
RT: 14.092 min Scan# 3966
Delta R.T. 0.003 min
Lab File: VU050406.D
Acq: 22 Aug 2022 19:24

Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT3-2022

Tgt Ion:128	Resp:	10703
Ion Ratio	Lower	Upper
128	100	
127	12.9	10.1 15.1
129	10.5	8.6 12.8



#90
1,2,3-Trichlorobenzene
Concen: 0.461 ug/l
RT: 14.333 min Scan# 4041
Delta R.T. 0.003 min
Lab File: VU050406.D
Acq: 22 Aug 2022 19:24

Tgt Ion:180	Resp:	5553
Ion Ratio	Lower	Upper
180	100	
182	96.0	76.6 114.8
145	29.2	27.3 40.9

