

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072423\
 Data File : VU054856.D
 Acq On : 24 Jul 2023 13:25
 Operator : MD/SY
 Sample : 03573-08
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 LOQ-WATER-02-QT3-2023

Quant Time: Jul 25 02:14:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U072123DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Mon Jul 24 09:59:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.113	96	25374	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.630	95	7852	1.025	ug/l	0.00
Spiked Amount 1.000			Recovery	=	102.000%	
68) 1,2-Dichlorobenzene-d4	12.190	152	9008	1.015	ug/l	0.00
Spiked Amount 1.000			Recovery	=	102.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	2218	0.439	ug/l	95
3) Chloromethane	1.518	50	3202	0.546	ug/l	89
4) Vinyl Chloride	1.602	62	3491	0.464	ug/l	92
5) Bromomethane	1.856	94	2709	0.507	ug/l	91
6) Chloroethane	1.930	64	3071	0.432	ug/l	95
7) Trichlorofluoromethane	2.132	101	8076	0.443	ug/l	96
8) 1,1,2-Trichloro-1,2,2-...	2.573	101	2270	0.434	ug/l	96
9) 1,1-Dichloroethene	2.576	96	2059	0.472	ug/l	84
10) Iodomethane	2.714	142	3367	0.479	ug/l	91
11) Allyl Chloride	2.923	41	2200	0.430	ug/l	93
12) Acrylonitrile	3.345	53	398	0.375	ug/l #	84
13) Acetone	2.644	43	1274	1.399	ug/l #	82
14) Carbon Disulfide	2.788	76	3128	0.425	ug/l	96
15) Methylene Chloride	3.042	84	5530	0.284	ug/l	95
16) trans-1,2-Dichloroethene	3.351	96	2131	0.439	ug/l	94
17) 1,1-Dichloroethane	3.872	63	4185	0.408	ug/l #	92
18) 2-Butanone	4.746	43	1410	1.059	ug/l	72
19) Cyclohexane	5.386	56	3025	0.509	ug/l	92
20) Methylcyclohexane	6.756	83	3592	0.455	ug/l	93
21) 2,2-Dichloropropane	4.656	77	4532	0.506	ug/l #	80
22) cis-1,2-Dichloroethene	4.666	96	2450	0.399	ug/l	78
23) Diethyl Ether	2.374	59	3066	0.457	ug/l	99
24) tert-Butyl Alcohol	3.287	59	223	0.386	ug/l #	92
25) Methyl tert-Butyl Ether	3.367	73	6705	0.503	ug/l	93
26) Bromochloromethane	4.975	128	979	0.418	ug/l	86
27) Chloroform	5.084	83	5410	0.480	ug/l	94
28) 1,1,1-Trichloroethane	5.316	97	4021	0.424	ug/l	98
29) 1,1-Dichloropropene	5.528	75	3189	0.473	ug/l #	77
30) Carbon Tetrachloride	5.518	117	3395	0.431	ug/l	95
31) Isopropyl Ether	3.984	45	7134	0.470	ug/l	97
32) Ethyl-t-butyl ether	4.496	59	6880	0.441	ug/l	95
33) Tert-Amyl methyl ether	5.939	73	6721	0.458	ug/l	99
34) Propionitrile	4.814	54	206	0.517	ug/l #	33
35) Benzene	5.772	78	10061	0.459	ug/l	99
36) 1,2-Dichloroethane	5.795	62	3144	0.500	ug/l #	94
37) Trichloroethene	6.544	130	2797	0.472	ug/l	91
38) 1,2-Dichloropropane	6.788	63	2757	0.436	ug/l	95
41) Tetrahydrofuran	5.068	42	191	0.228	ug/l #	10
42) 1-Chlorobutane	5.457	56	4563	0.500	ug/l	92
43) Dibromomethane	6.920	93	1463	0.497	ug/l #	64
44) Bromodichloromethane	7.106	83	3949	0.490	ug/l #	87
45) 4-Methyl-2-Pentanone	7.795	43	8141	2.338	ug/l	92
46) t-1,4-Dichloro-2-butene	10.823	75	2954	2.026	ug/l #	31

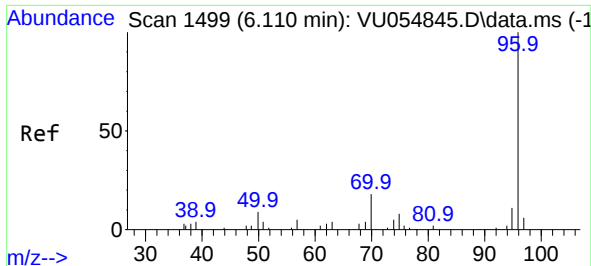
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072423\
 Data File : VU054856.D
 Acq On : 24 Jul 2023 13:25
 Operator : MD/SY
 Sample : 03573-08
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 LOQ-WATER-02-QT3-2023

Quant Time: Jul 25 02:14:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U072123DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Mon Jul 24 09:59:15 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) Methyl methacrylate	6.962	69	2648	0.958	ug/l	90
48) Ethyl methacrylate	8.335	69	2352	0.419	ug/l	87
49) Toluene	7.968	92	6495	0.465	ug/l	93
50) t-1,3-Dichloropropene	8.209	75	3182	0.445	ug/l	92
51) cis-1,3-Dichloropropene	7.608	75	3697	0.426	ug/l #	86
52) 1,1,2-Trichloroethane	8.399	97	1855	0.418	ug/l #	81
53) 1,3-Dichloropropane	8.573	76	3633	0.486	ug/l	96
54) 2-Hexanone	8.692	43	5600	2.307	ug/l	94
55) Dibromochloromethane	8.811	129	2378	0.448	ug/l #	48
56) 1,2-Dibromoethane	8.926	107	1980	0.510	ug/l	92
58) Tetrachloroethene	8.550	164	2908	0.564	ug/l	89
59) Chlorobenzene	9.447	112	7895	0.474	ug/l	98
60) 1,1,1,2-Tetrachloroethane	9.534	131	2506	0.426	ug/l #	81
61) Pentachloroethane	11.425	117	2064	0.446	ug/l	92
62) Hexachloroethane	12.473	117	1987	0.418	ug/l	90
63) Ethyl Benzene	9.569	91	12672	0.446	ug/l	96
64) m/p-Xylenes	9.692	106	9799	0.912	ug/l	96
65) o-Xylene	10.097	106	4695	0.434	ug/l	91
66) Styrene	10.113	104	7680	0.442	ug/l	98
67) Bromoform	10.286	173	1280	0.448	ug/l #	92
69) Isopropylbenzene	10.483	105	12397	0.422	ug/l	98
70) 1,1,2,2-Tetrachloroethane	10.778	83	2536	0.458	ug/l #	95
71) 1,2,3-Trichloropropane	10.823	75	2954	0.757	ug/l #	60
72) Bromobenzene	10.782	156	2930	0.433	ug/l	95
73) n-propylbenzene	10.904	120	3123	0.396	ug/l	91
74) 2-Chlorotoluene	10.987	126	2910	0.424	ug/l	81
75) 1,3,5-Trimethylbenzene	11.087	105	10435	0.436	ug/l	97
76) 4-Chlorotoluene	11.100	126	2692	0.381	ug/l	76
77) tert-Butylbenzene	11.418	119	10752	0.437	ug/l	97
78) 1,2,4-Trimethylbenzene	11.463	105	10640	0.442	ug/l	99
79) sec-Butylbenzene	11.640	105	13370	0.418	ug/l	99
80) Nitrobenzene	13.222	77	53	3.316	ug/l #	39
81) p-Isopropyltoluene	11.791	119	10534	0.405	ug/l	96
82) 1,3-Dichlorobenzene	11.746	146	6157	0.454	ug/l	96
83) 1,4-Dichlorobenzene	11.836	146	6168	0.454	ug/l	97
84) n-Butylbenzene	12.209	91	9396	0.392	ug/l	94
85) 1,2-Dichlorobenzene	12.209	146	6360	0.493	ug/l	92
86) 1,2-Dibromo-3-Chloropr...	13.000	75	351	0.618	ug/l #	50
87) 1,2,4-Trichlorobenzene	13.839	180	3395	0.410	ug/l	89
88) Hexachlorobutadiene	14.013	225	2022	0.457	ug/l	97
89) Naphthalene	14.090	128	6529	0.488	ug/l #	94
90) 1,2,3-Trichlorobenzene	14.328	180	3465	0.484	ug/l	97

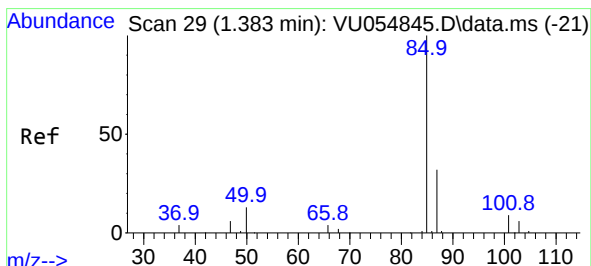
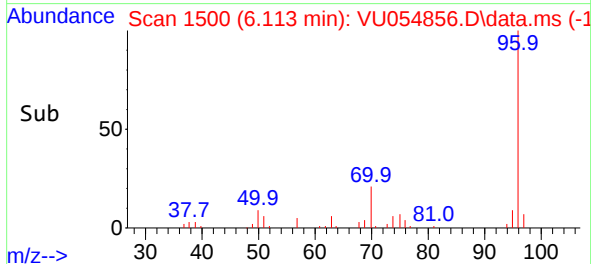
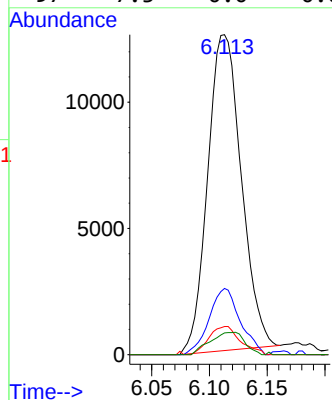
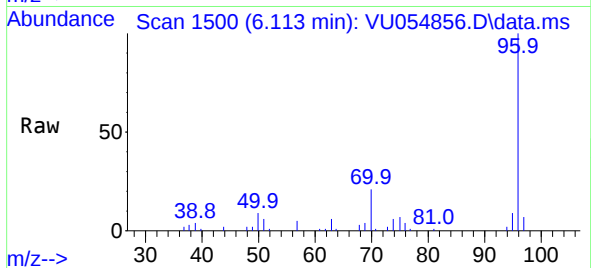
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.113 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU054856.D
Acq: 24 Jul 2023 13:25

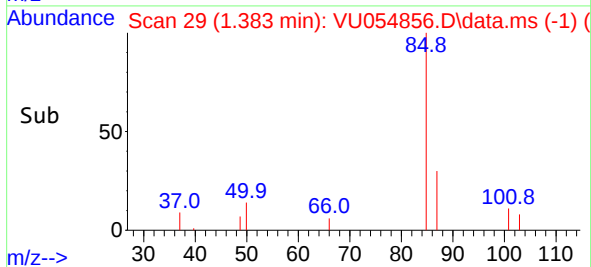
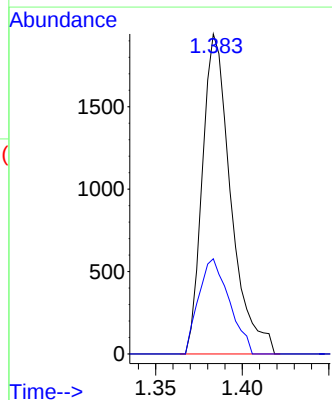
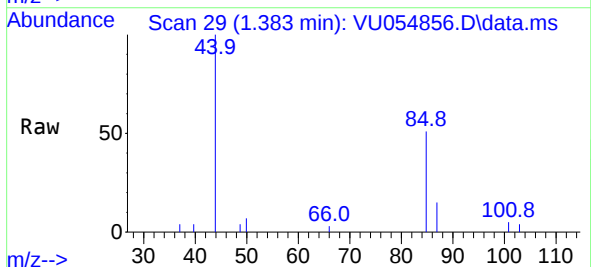
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT3-2023

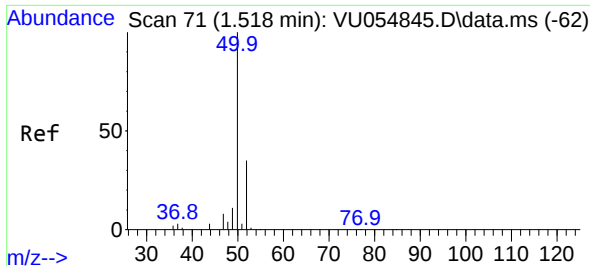
Tgt Ion:	96	Resp:	25374
Ion	Ratio	Lower	Upper
96	100		
70	19.4	14.0	21.0
95	8.4	8.7	13.1#
97	7.3	0.0	0.0#



#2
Dichlorodifluoromethane
Concen: 0.439 ug/l
RT: 1.383 min Scan# 29
Delta R.T. 0.000 min
Lab File: VU054856.D
Acq: 24 Jul 2023 13:25

Tgt Ion:	85	Resp:	2218
Ion	Ratio	Lower	Upper
85	100		
87	29.8	16.2	48.6

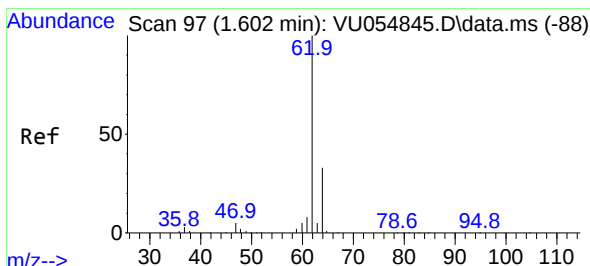
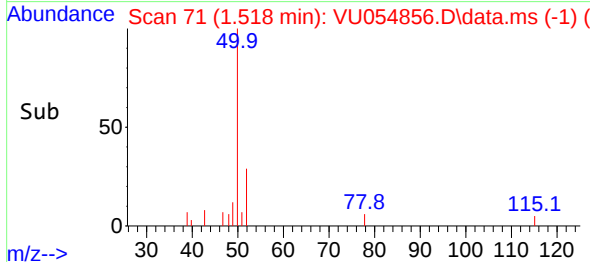
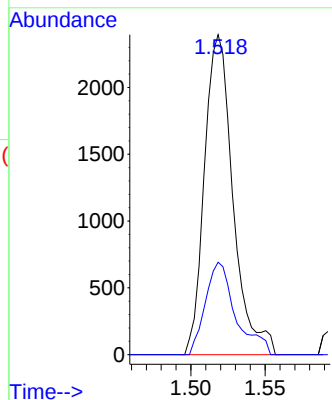
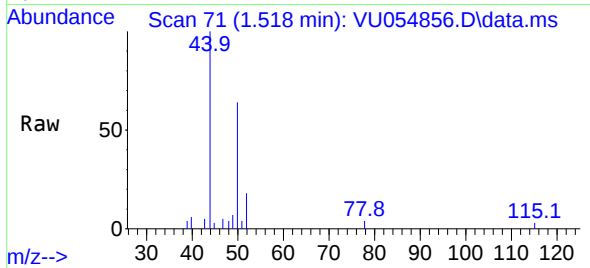




#3
Chloromethane
Concen: 0.546 ug/l
RT: 1.518 min Scan# 71
Delta R.T. 0.000 min
Lab File: VU054856.D
Acq: 24 Jul 2023 13:25

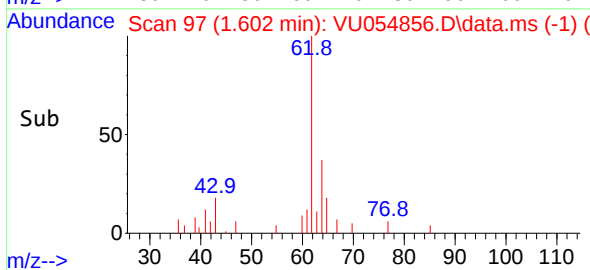
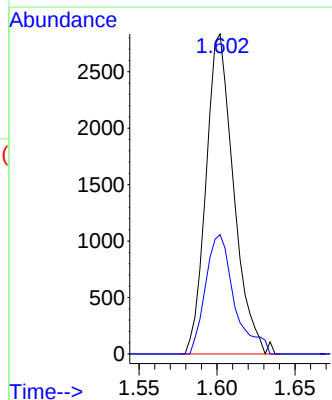
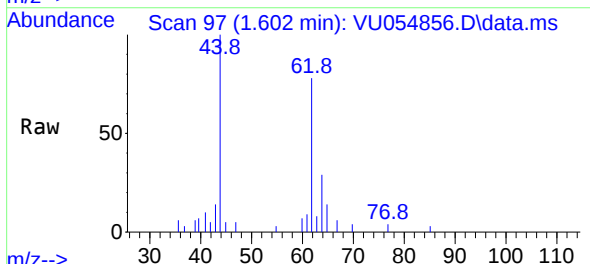
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT3-2023

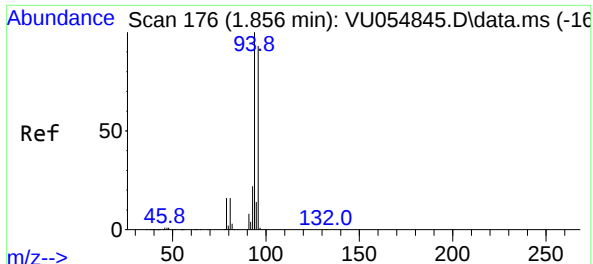
Tgt Ion: 50 Resp: 3202
Ion Ratio Lower Upper
50 100
52 28.9 28.2 42.2



#4
Vinyl Chloride
Concen: 0.464 ug/l
RT: 1.602 min Scan# 97
Delta R.T. 0.000 min
Lab File: VU054856.D
Acq: 24 Jul 2023 13:25

Tgt Ion: 62 Resp: 3491
Ion Ratio Lower Upper
62 100
64 37.3 26.4 39.6

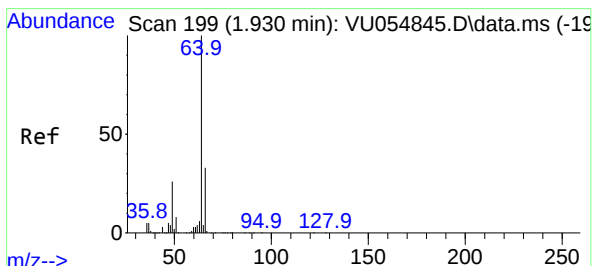
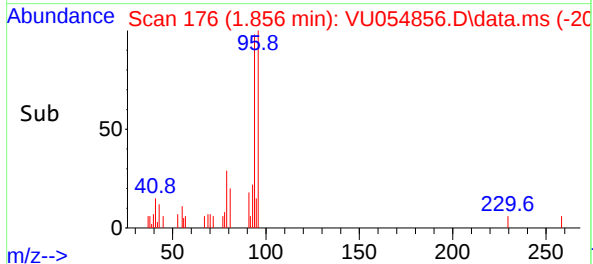
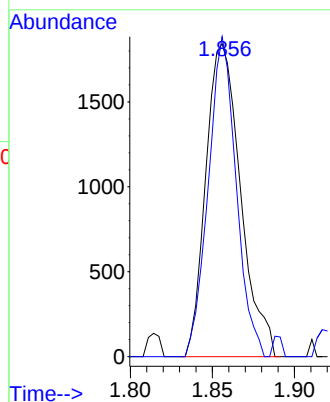
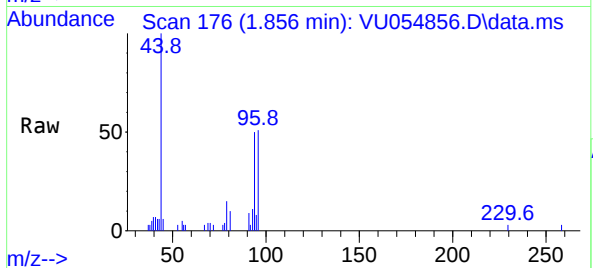




#5
Bromomethane
Concen: 0.507 ug/l
RT: 1.856 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU054856.D
Acq: 24 Jul 2023 13:25

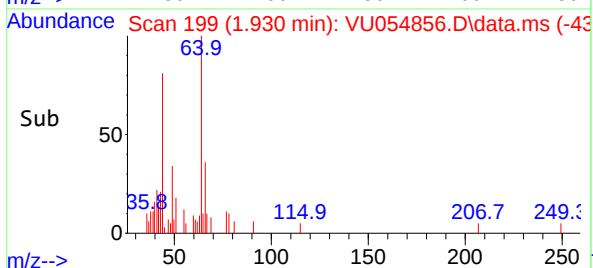
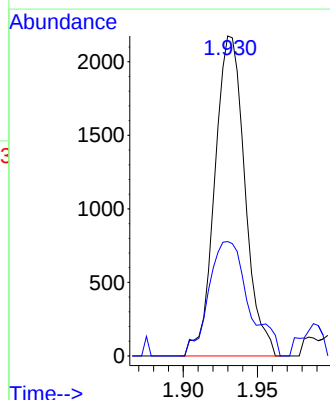
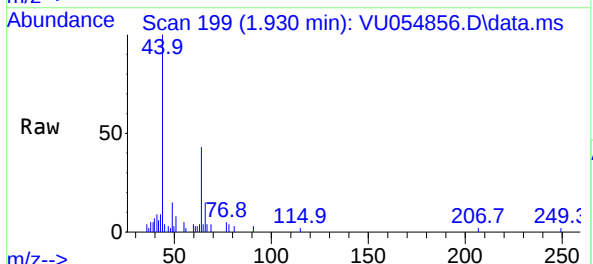
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT3-2023

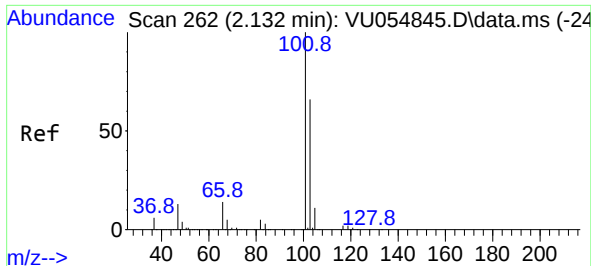
Tgt Ion: 94 Resp: 2709
Ion Ratio Lower Upper
94 100
96 102.2 74.6 111.8



#6
Chloroethane
Concen: 0.432 ug/l
RT: 1.930 min Scan# 199
Delta R.T. 0.000 min
Lab File: VU054856.D
Acq: 24 Jul 2023 13:25

Tgt Ion: 64 Resp: 3071
Ion Ratio Lower Upper
64 100
66 35.8 26.2 39.4

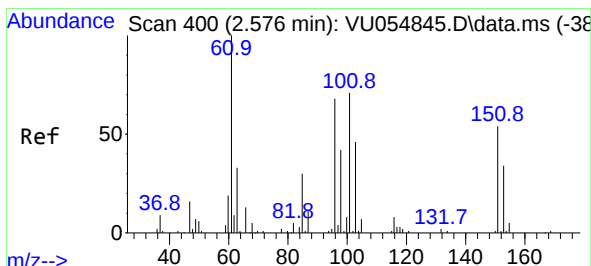
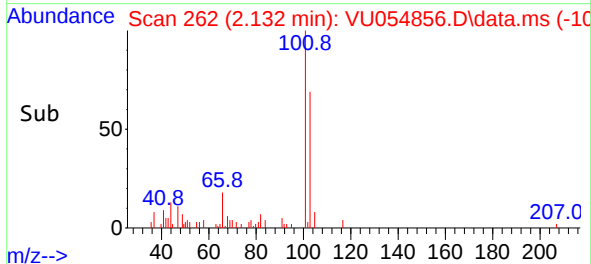
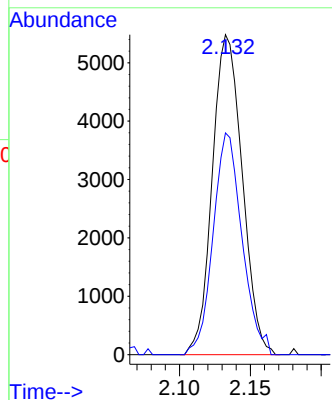
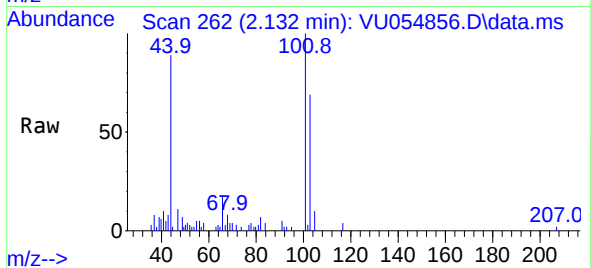




#7
Trichlorofluoromethane
Concen: 0.443 ug/l
RT: 2.132 min Scan# 207
Delta R.T. 0.000 min
Lab File: VU054856.D
Acq: 24 Jul 2023 13:25

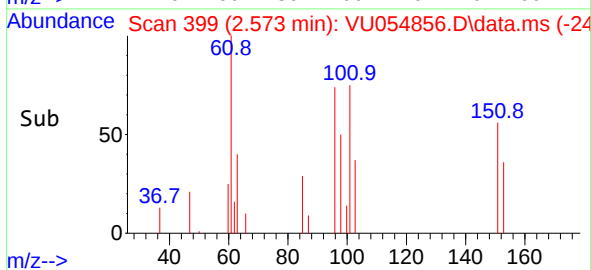
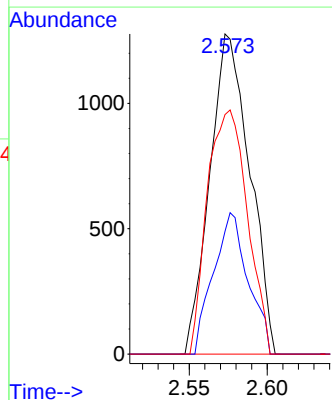
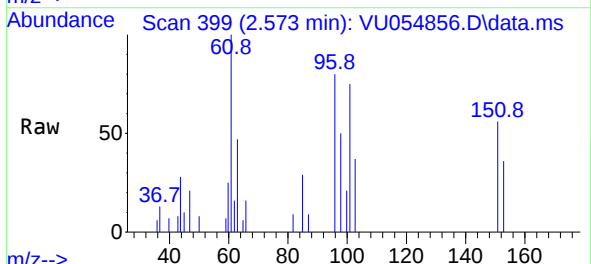
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT3-2023

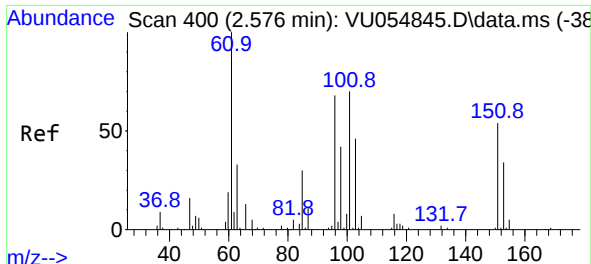
Tgt Ion:101 Resp: 8076
Ion Ratio Lower Upper
101 100
103 69.3 52.9 79.3



#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.434 ug/l
RT: 2.573 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU054856.D
Acq: 24 Jul 2023 13:25

Tgt Ion:101 Resp: 2270
Ion Ratio Lower Upper
101 100
85 38.6 34.8 52.2
151 76.7 60.5 90.7

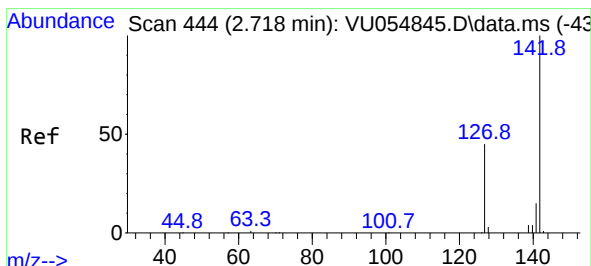
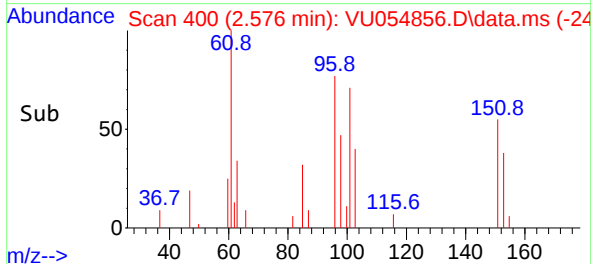
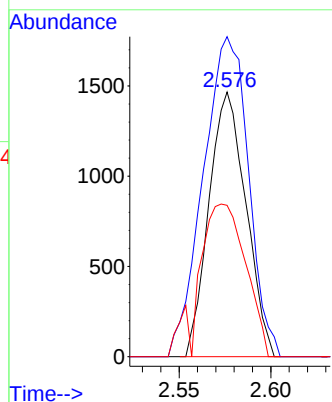
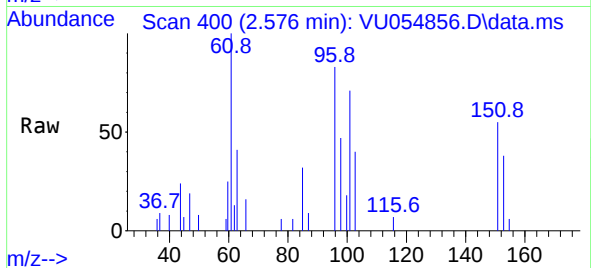




#9
1,1-Dichloroethene
Concen: 0.472 ug/l
RT: 2.576 min Scan# 400
Delta R.T. 0.000 min
Lab File: VU054856.D
Acq: 24 Jul 2023 13:25

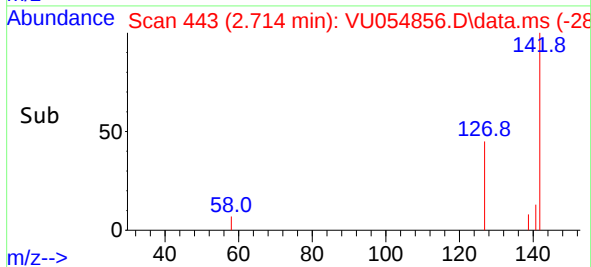
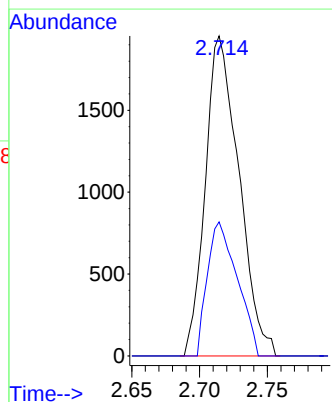
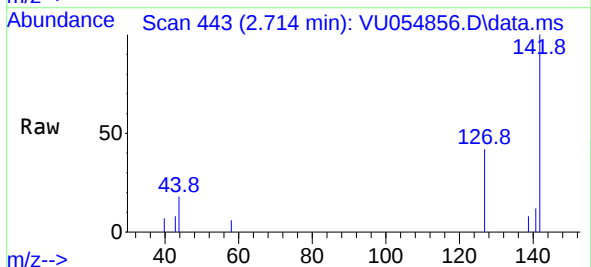
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT3-2023

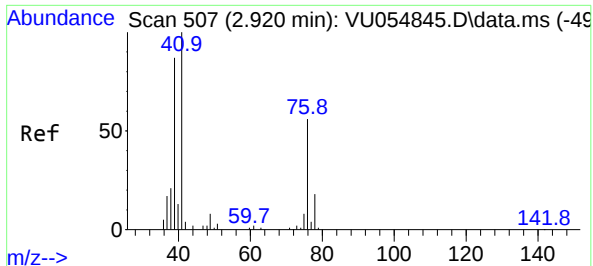
Tgt Ion:	96	Resp:	2059
Ion	Ratio	Lower	Upper
96	100		
61	120.9	0.0	440.1
98	57.2	0.0	121.8



#10
Iodomethane
Concen: 0.479 ug/l
RT: 2.714 min Scan# 443
Delta R.T. -0.004 min
Lab File: VU054856.D
Acq: 24 Jul 2023 13:25

Tgt Ion:	142	Resp:	3367
Ion	Ratio	Lower	Upper
142	100		
127	37.1	34.3	51.5

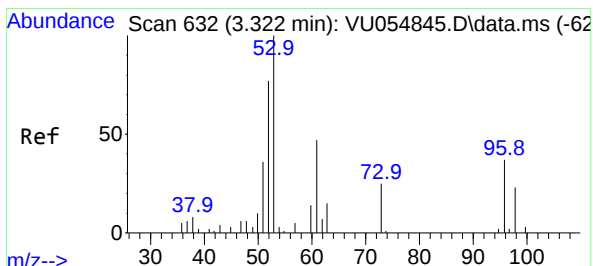
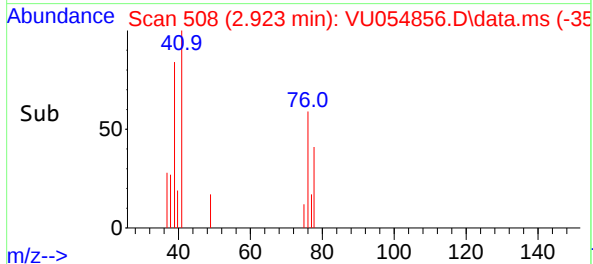
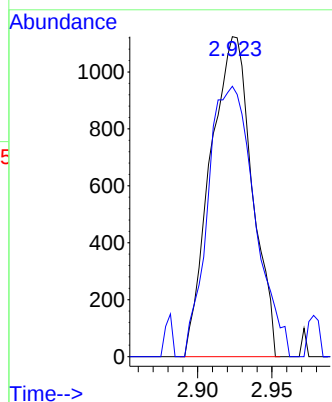
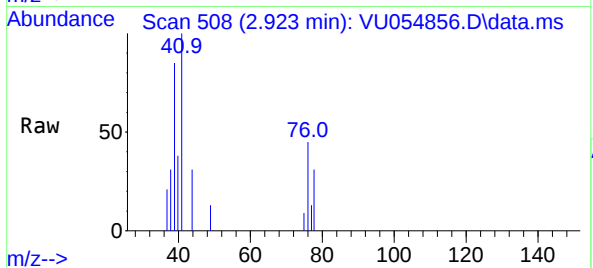




#11
 Allyl Chloride
 Concen: 0.430 ug/l
 RT: 2.923 min Scan# 507
 Delta R.T. 0.003 min
 Lab File: VU054856.D
 Acq: 24 Jul 2023 13:25

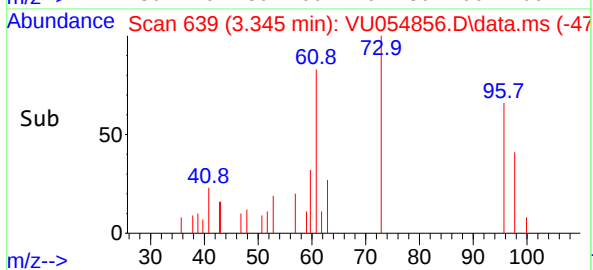
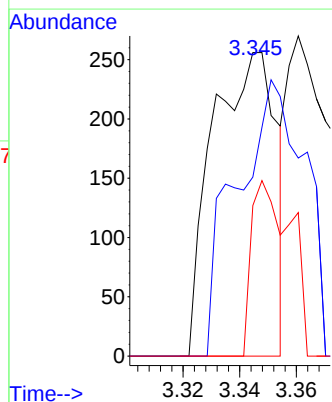
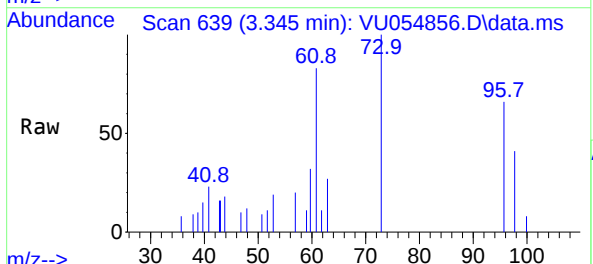
Instrument :
 MSVOA_U
 ClientSampleId :
 LOQ-WATER-02-QT3-2023

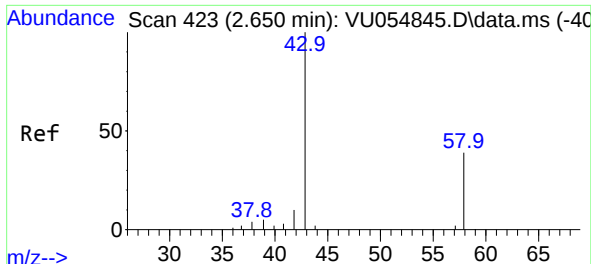
Tgt Ion: 41 Resp: 2200
 Ion Ratio Lower Upper
 41 100
 39 94.4 70.2 105.2



#12
 Acrylonitrile
 Concen: 0.375 ug/l
 RT: 3.345 min Scan# 639
 Delta R.T. 0.023 min
 Lab File: VU054856.D
 Acq: 24 Jul 2023 13:25

Tgt Ion: 53 Resp: 398
 Ion Ratio Lower Upper
 53 100
 52 97.7 64.2 96.4#
 51 35.9 33.6 50.4

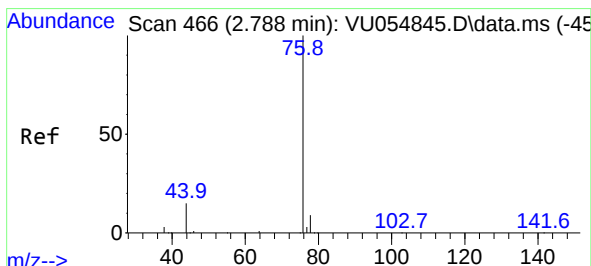
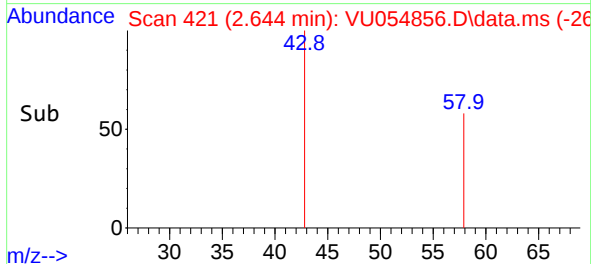
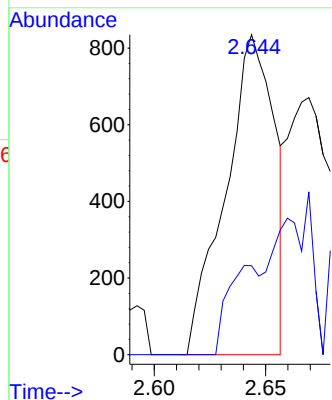
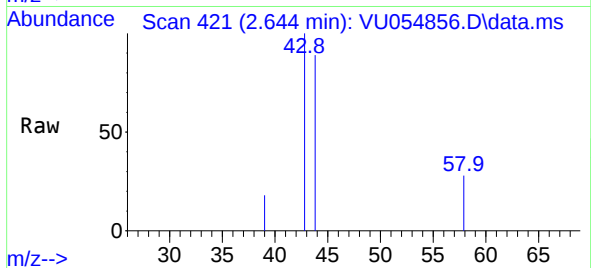




#13
Acetone
Concen: 1.399 ug/l
RT: 2.644 min Scan# 41
Delta R.T. -0.006 min
Lab File: VU054856.D
Acq: 24 Jul 2023 13:25

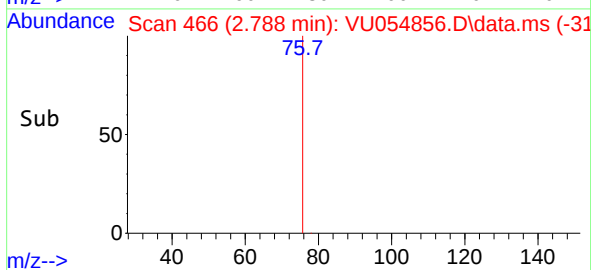
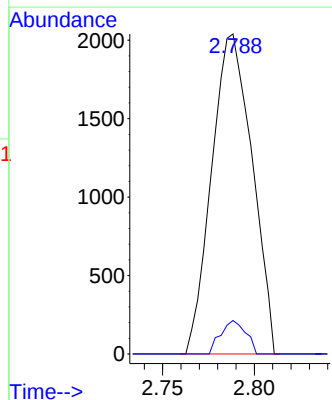
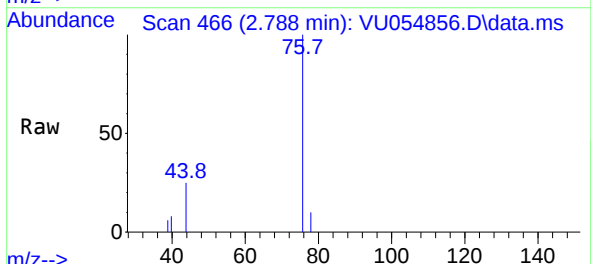
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT3-2023

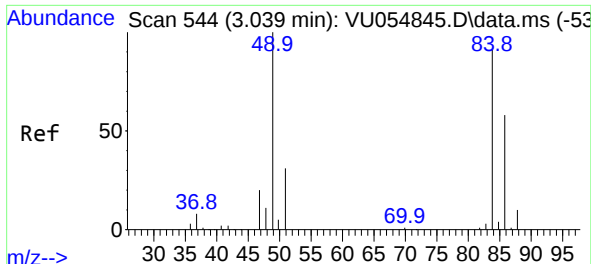
Tgt Ion: 43 Resp: 1274
Ion Ratio Lower Upper
43 100
58 27.8 30.7 46.1#



#14
Carbon Disulfide
Concen: 0.425 ug/l
RT: 2.788 min Scan# 466
Delta R.T. 0.000 min
Lab File: VU054856.D
Acq: 24 Jul 2023 13:25

Tgt Ion: 76 Resp: 3128
Ion Ratio Lower Upper
76 100
78 10.4 7.1 10.7



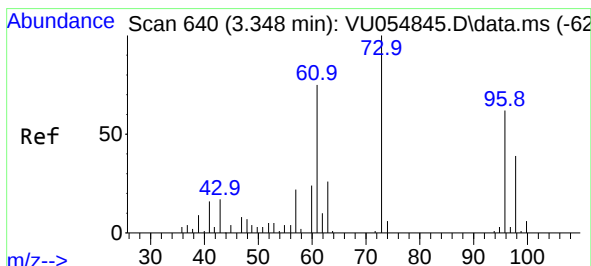
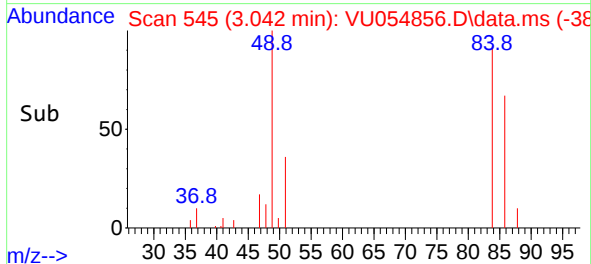
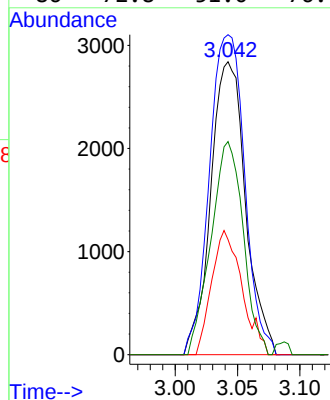
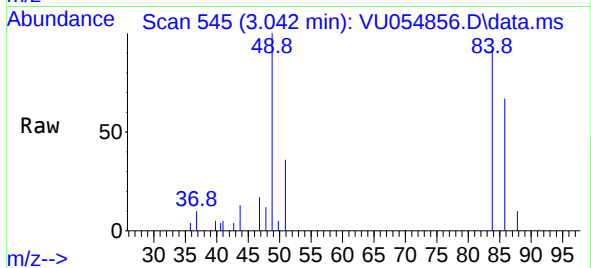


#15
Methylene Chloride
Concen: 0.284 ug/l
RT: 3.042 min Scan# 541
Delta R.T. 0.003 min
Lab File: VU054856.D
Acq: 24 Jul 2023 13:25

Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT3-2023

Tgt Ion: 84 Resp: 5530

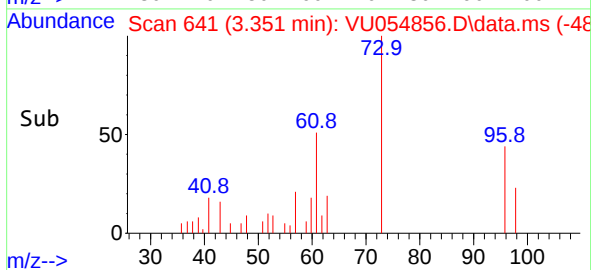
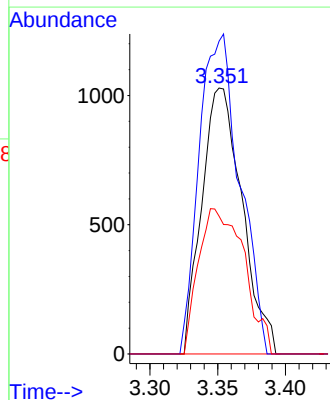
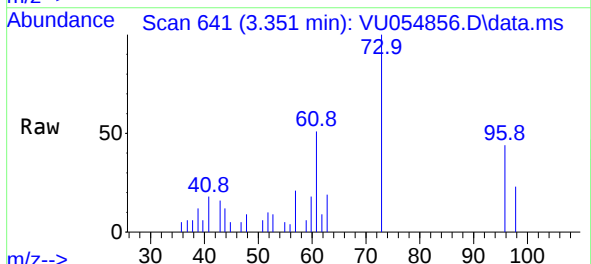
Ion	Ratio	Lower	Upper
84	100		
49	109.2	87.8	131.6
51	39.3	0.0	68.2
86	72.8	51.0	76.4

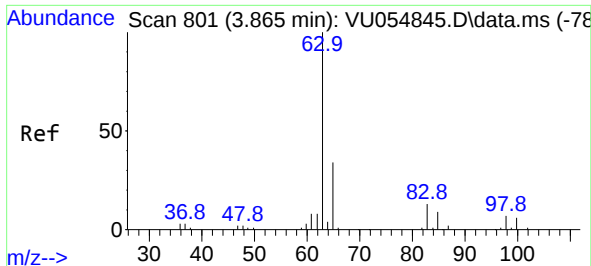


#16
trans-1,2-Dichloroethene
Concen: 0.439 ug/l
RT: 3.351 min Scan# 641
Delta R.T. 0.003 min
Lab File: VU054856.D
Acq: 24 Jul 2023 13:25

Tgt Ion: 96 Resp: 2131

Ion	Ratio	Lower	Upper
96	100		
61	117.6	96.4	144.6
98	51.8	49.3	73.9





#17

1,1-Dichloroethane

Concen: 0.408 ug/l

RT: 3.872 min Scan# 801

Delta R.T. 0.006 min

Lab File: VU054856.D

Acq: 24 Jul 2023 13:25

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT3-2023

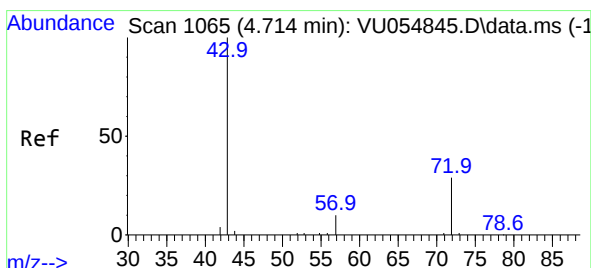
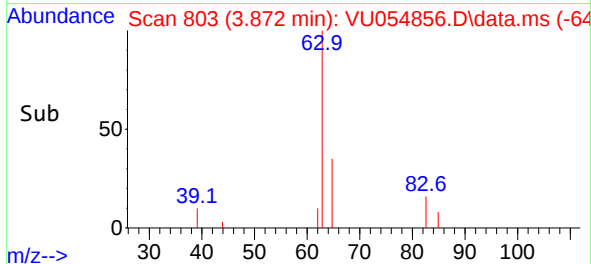
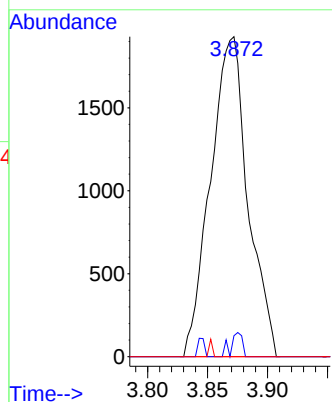
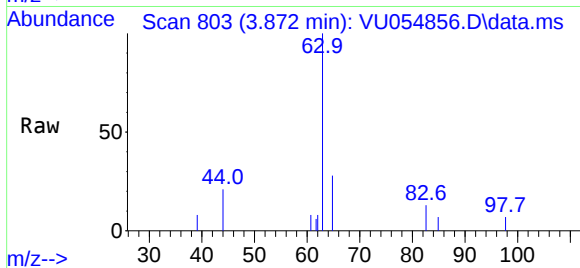
Tgt Ion: 63 Resp: 4185

Ion Ratio Lower Upper

63 100

98 6.5 3.6 10.8

100 0.0 2.8 8.4#



#18

2-Butanone

Concen: 1.059 ug/l

RT: 4.746 min Scan# 1075

Delta R.T. 0.032 min

Lab File: VU054856.D

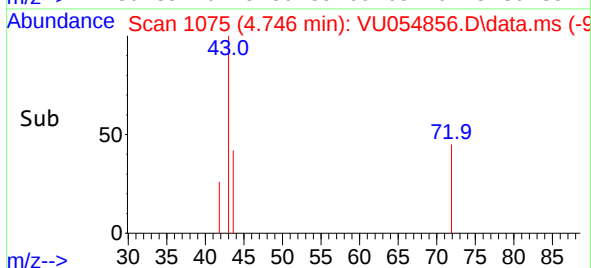
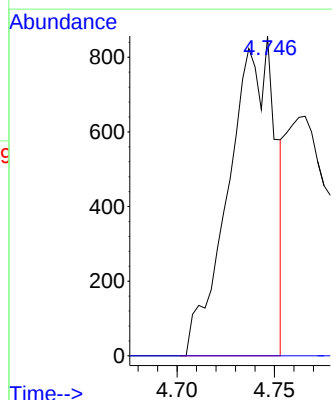
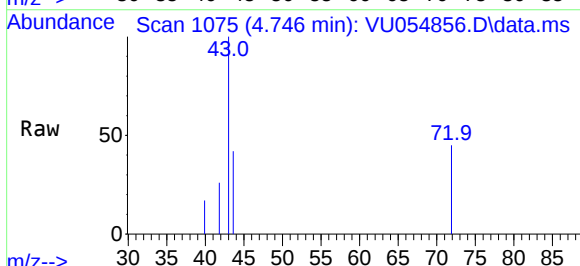
Acq: 24 Jul 2023 13:25

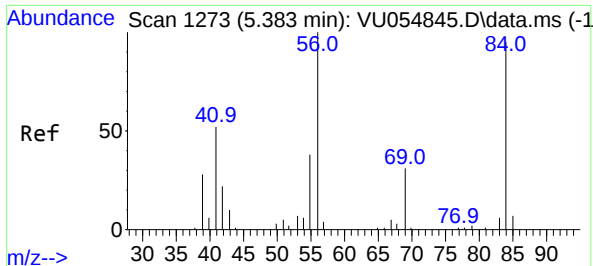
Tgt Ion: 43 Resp: 1410

Ion Ratio Lower Upper

43 100

57 0.0 0.0 20.8





#19

Cyclohexane

Concen: 0.509 ug/l

RT: 5.386 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU054856.D

Acq: 24 Jul 2023 13:25

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT3-2023

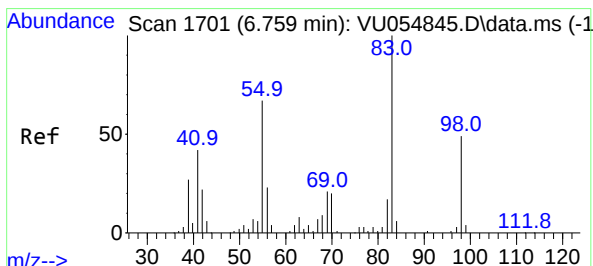
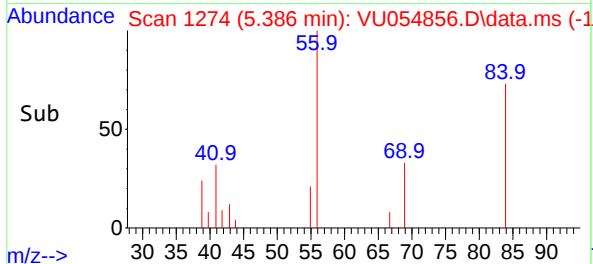
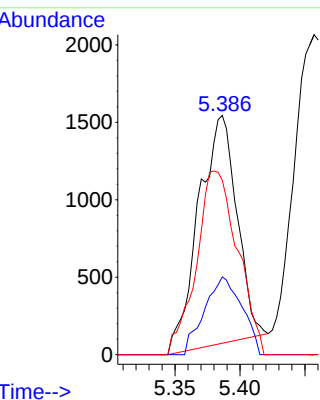
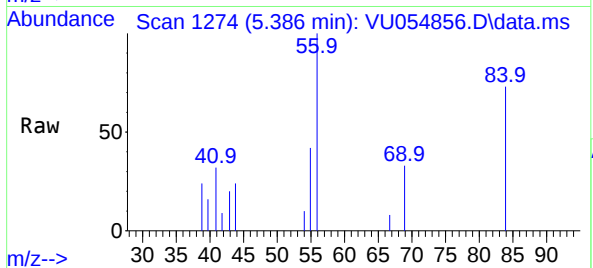
Tgt Ion: 56 Resp: 3025

Ion Ratio Lower Upper

56 100

69 33.3 24.7 37.1

84 86.3 76.5 114.7



#20

Methylcyclohexane

Concen: 0.455 ug/l

RT: 6.756 min Scan# 1700

Delta R.T. -0.003 min

Lab File: VU054856.D

Acq: 24 Jul 2023 13:25

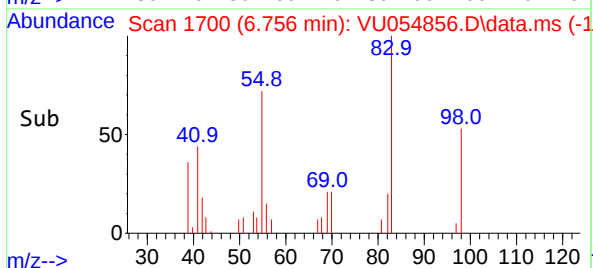
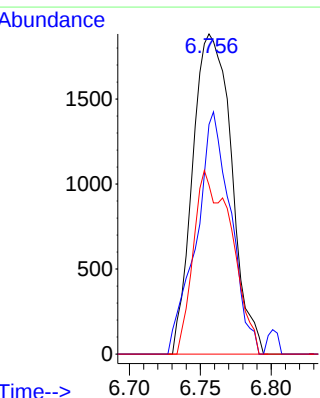
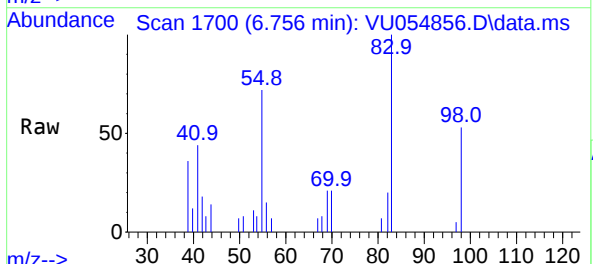
Tgt Ion: 83 Resp: 3592

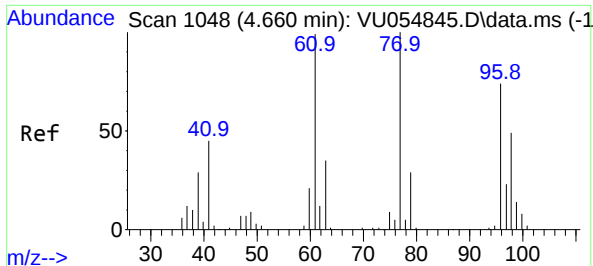
Ion Ratio Lower Upper

83 100

55 67.0 51.6 77.4

98 56.3 38.2 57.2

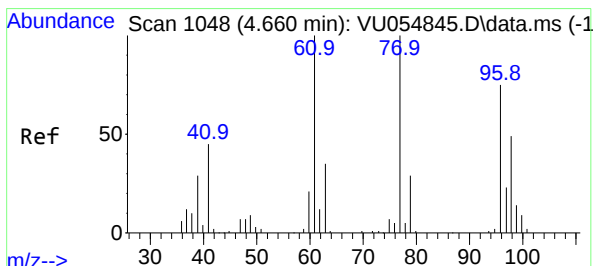
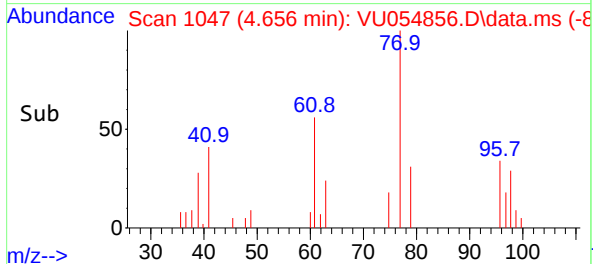
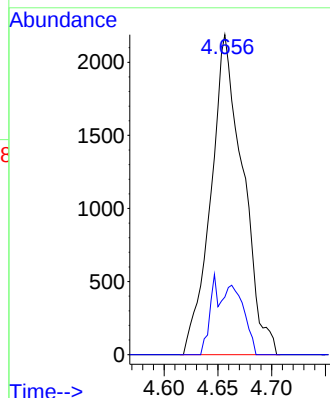
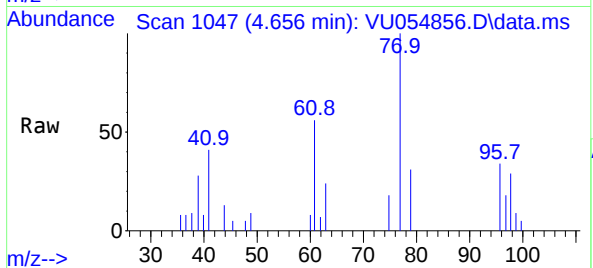




#21
2,2-Dichloropropane
Concen: 0.506 ug/l
RT: 4.656 min Scan# 1047
Delta R.T. -0.003 min
Lab File: VU054856.D
Acq: 24 Jul 2023 13:25

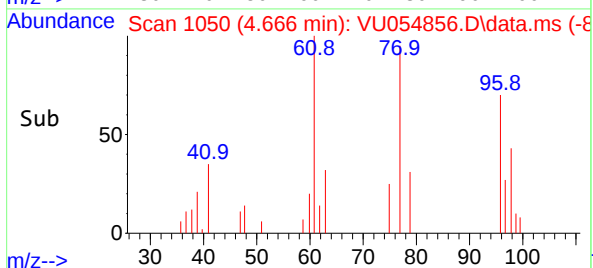
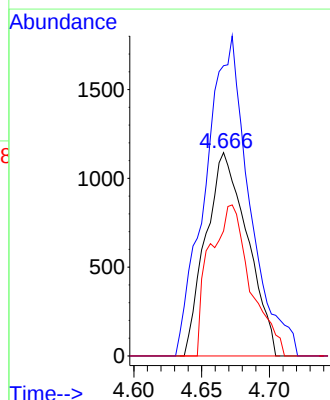
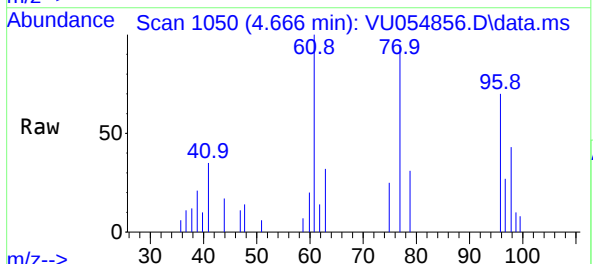
Instrument : MSVOA_U
ClientSampleId : LOQ-WATER-02-QT3-2023

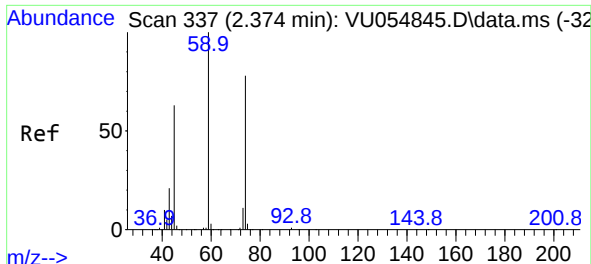
Tgt Ion: 77 Resp: 4532
Ion Ratio Lower Upper
77 100
97 13.1 18.0 27.0#



#22
cis-1,2-Dichloroethene
Concen: 0.399 ug/l
RT: 4.666 min Scan# 1050
Delta R.T. 0.006 min
Lab File: VU054856.D
Acq: 24 Jul 2023 13:25

Tgt Ion: 96 Resp: 2450
Ion Ratio Lower Upper
96 100
61 166.0 0.0 332.0
98 72.1 32.5 97.5

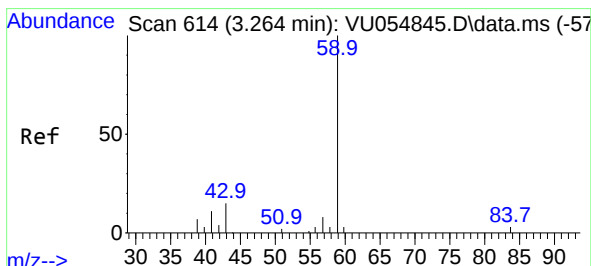
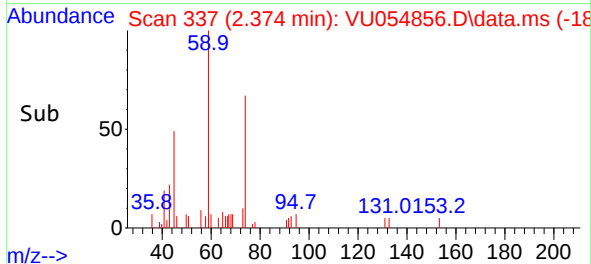
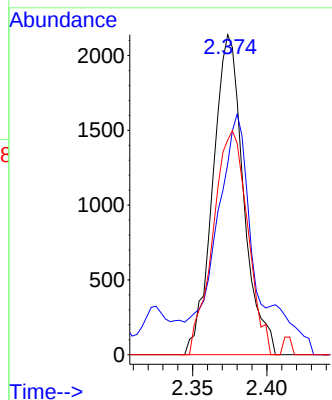
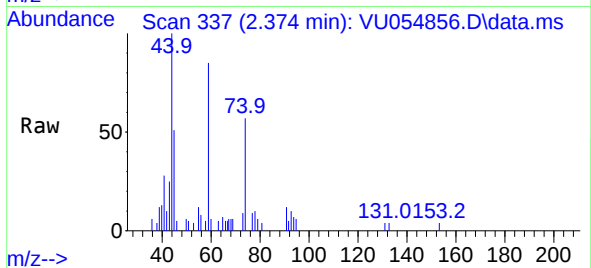




#23
Diethyl Ether
Concen: 0.457 ug/l
RT: 2.374 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU054856.D
Acq: 24 Jul 2023 13:25

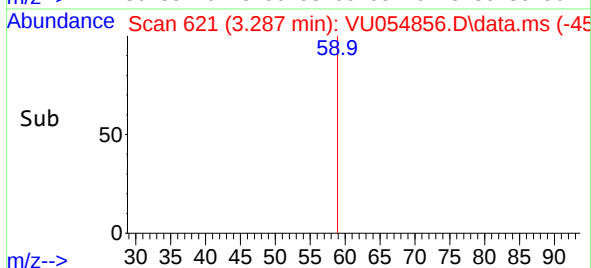
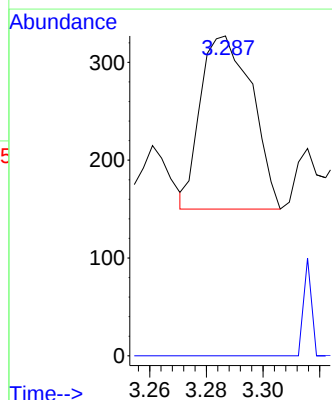
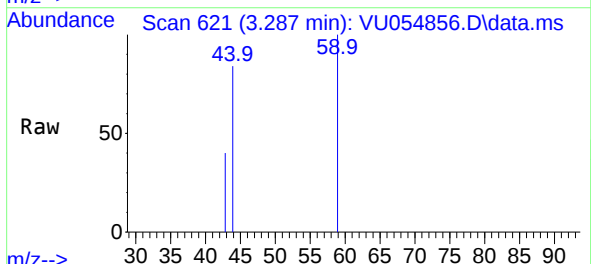
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT3-2023

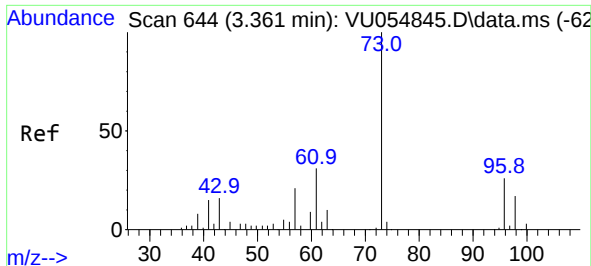
Tgt Ion: 59 Resp: 3066
Ion Ratio Lower Upper
59 100
45 63.1 51.4 77.0
74 79.1 63.1 94.7



#24
tert-Butyl Alcohol
Concen: 0.386 ug/l
RT: 3.287 min Scan# 621
Delta R.T. 0.023 min
Lab File: VU054856.D
Acq: 24 Jul 2023 13:25

Tgt Ion: 59 Resp: 223
Ion Ratio Lower Upper
59 100
57 0.0 2.2 3.2#

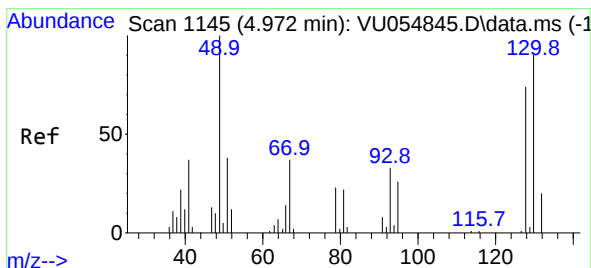
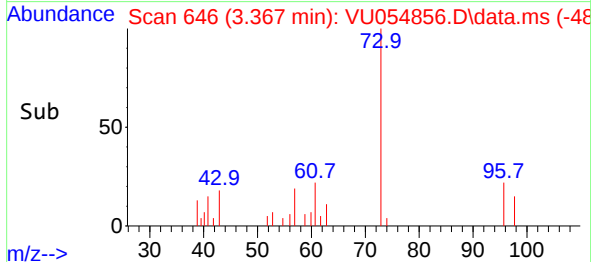
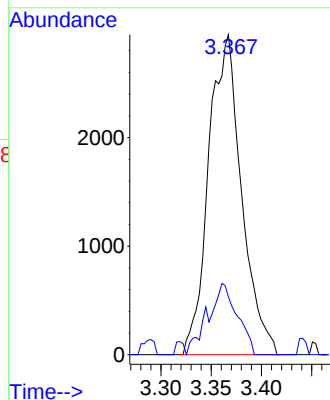
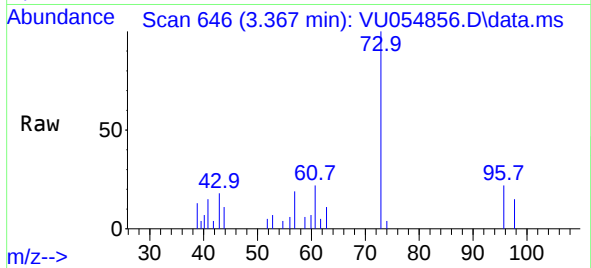




#25
Methyl tert-Butyl Ether
Concen: 0.503 ug/l
RT: 3.367 min Scan# 644
Delta R.T. 0.006 min
Lab File: VU054856.D
Acq: 24 Jul 2023 13:25

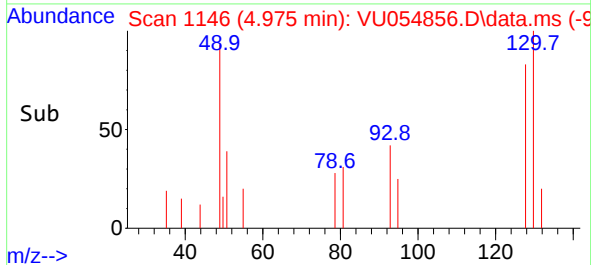
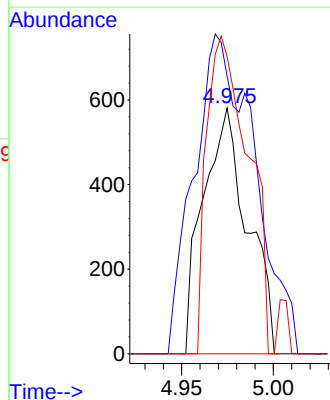
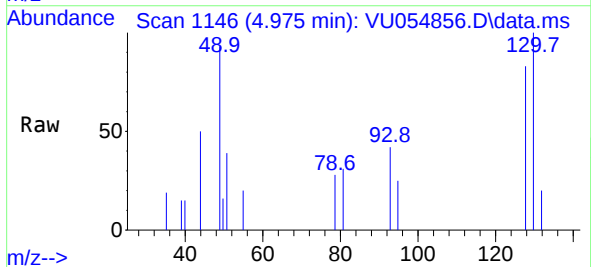
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT3-2023

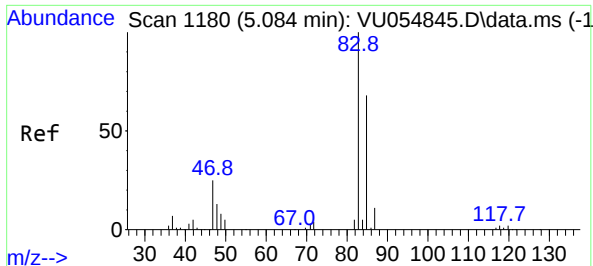
Tgt Ion: 73 Resp: 6705
Ion Ratio Lower Upper
73 100
43 15.3 14.6 22.0



#26
Bromochloromethane
Concen: 0.418 ug/l
RT: 4.975 min Scan# 1146
Delta R.T. 0.003 min
Lab File: VU054856.D
Acq: 24 Jul 2023 13:25

Tgt Ion: 128 Resp: 979
Ion Ratio Lower Upper
128 100
49 176.9 0.0 304.0
130 121.3 104.3 156.5

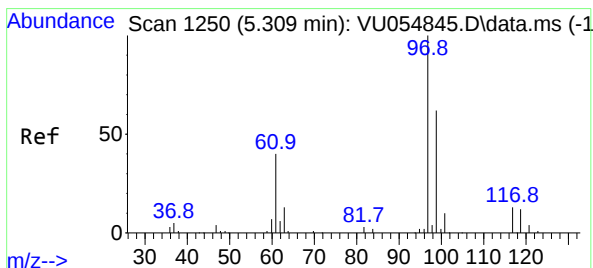
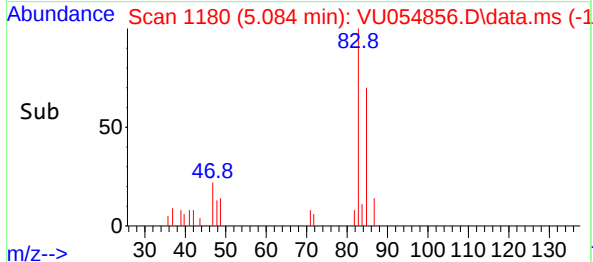
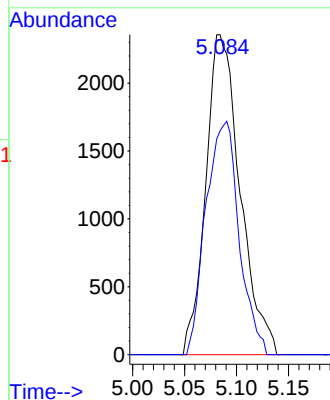
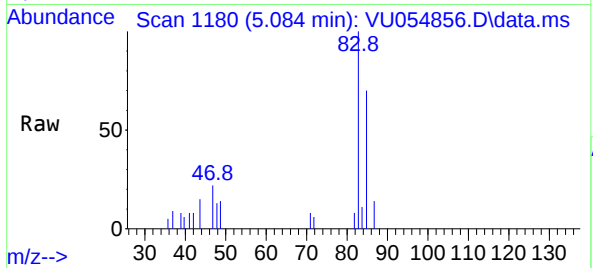




#27
Chloroform
Concen: 0.480 ug/l
RT: 5.084 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VU054856.D
Acq: 24 Jul 2023 13:25

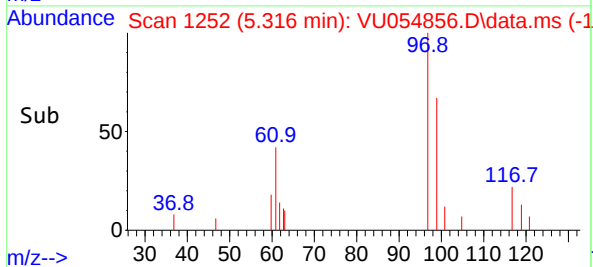
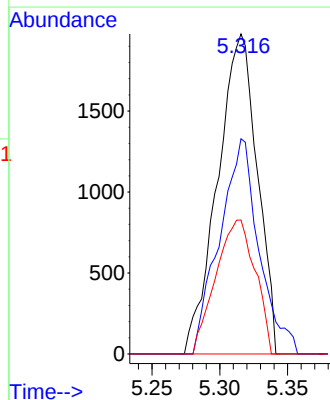
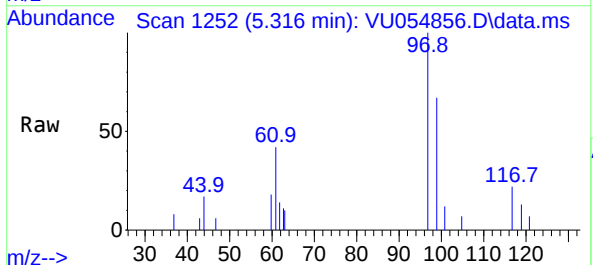
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT3-2023

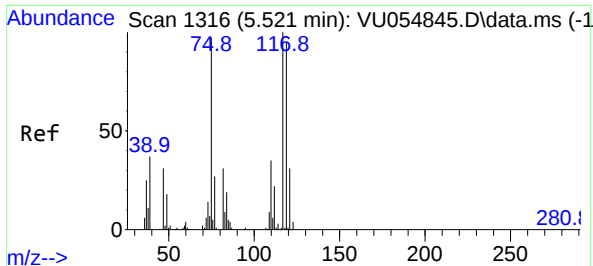
Tgt Ion: 83 Resp: 5410
Ion Ratio Lower Upper
83 100
85 62.9 0.0 135.2



#28
1,1,1-Trichloroethane
Concen: 0.424 ug/l
RT: 5.316 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VU054856.D
Acq: 24 Jul 2023 13:25

Tgt Ion: 97 Resp: 4021
Ion Ratio Lower Upper
97 100
99 66.7 32.0 96.2
61 41.5 21.0 63.0

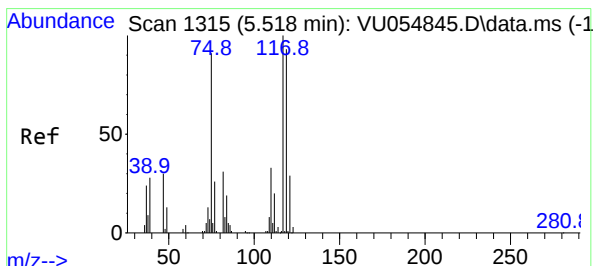
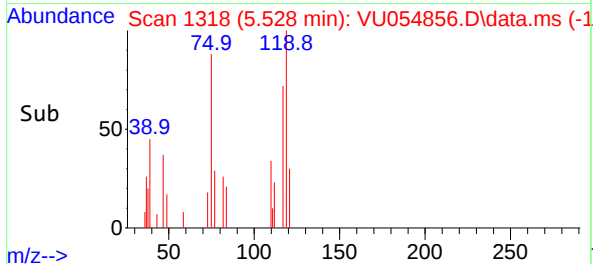
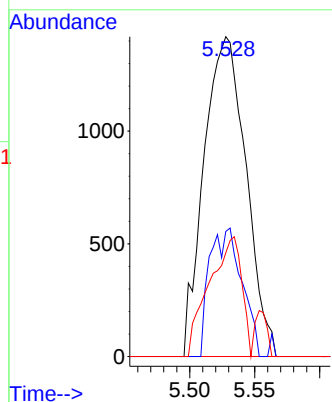
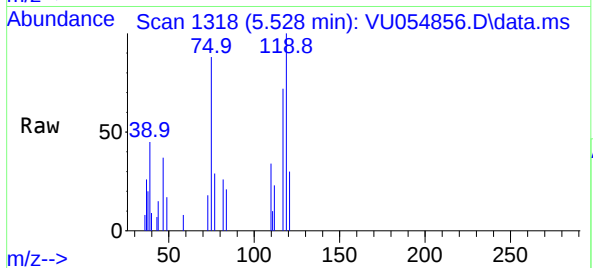




#29
1,1-Dichloropropene
Concen: 0.473 ug/l
RT: 5.528 min Scan# 11
Delta R.T. 0.006 min
Lab File: VU054856.D
Acq: 24 Jul 2023 13:25

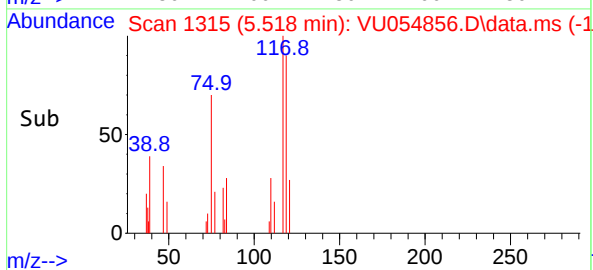
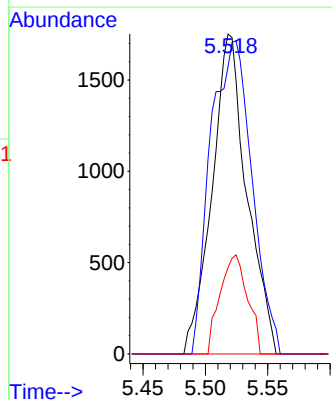
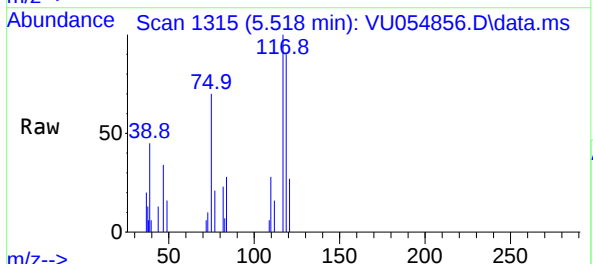
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT3-2023

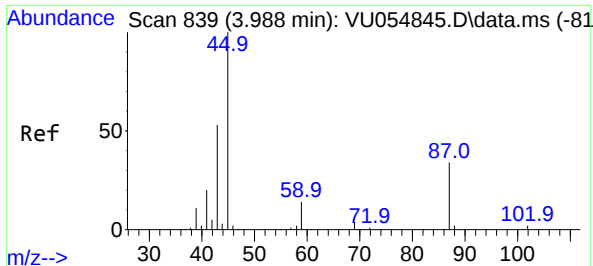
Tgt Ion: 75 Resp: 3189
Ion Ratio Lower Upper
75 100
110 13.3 18.5 55.5#
77 29.0 24.9 37.3



#30
Carbon Tetrachloride
Concen: 0.431 ug/l
RT: 5.518 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VU054856.D
Acq: 24 Jul 2023 13:25

Tgt Ion: 117 Resp: 3395
Ion Ratio Lower Upper
117 100
119 89.7 75.6 113.4
121 27.1 23.4 35.0

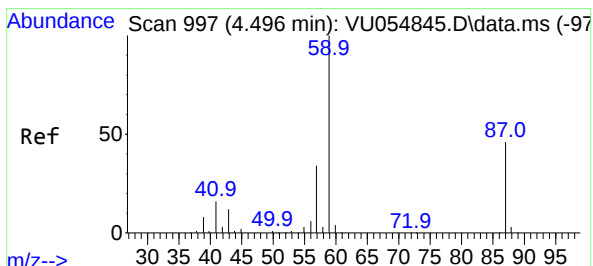
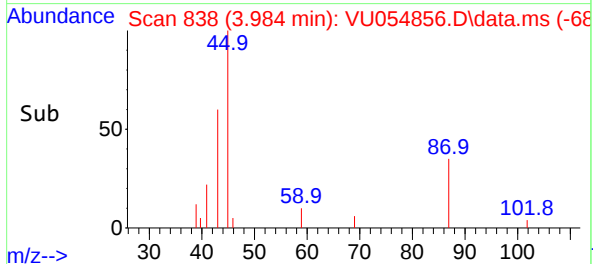
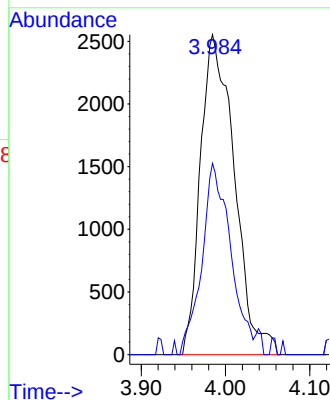
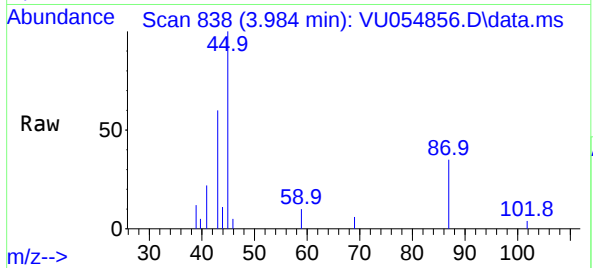




#31
Isopropyl Ether
Concen: 0.470 ug/l
RT: 3.984 min Scan# 81
Delta R.T. -0.003 min
Lab File: VU054856.D
Acq: 24 Jul 2023 13:25

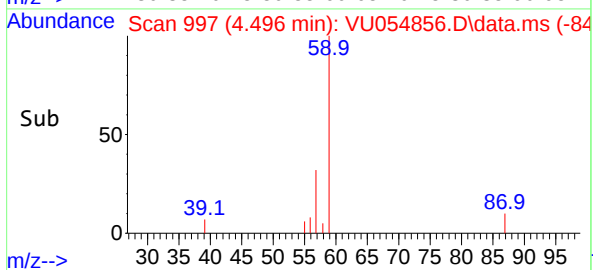
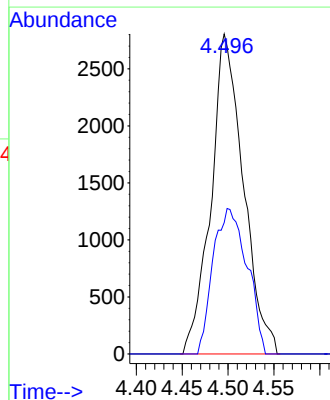
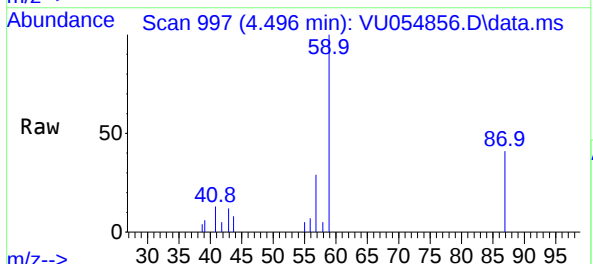
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT3-2023

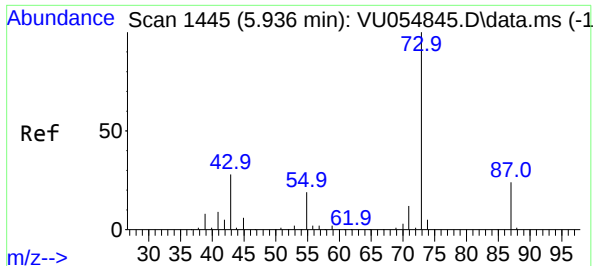
Tgt Ion: 45 Resp: 7134
Ion Ratio Lower Upper
45 100
43 50.7 26.4 79.2



#32
Ethyl-t-butyl ether
Concen: 0.441 ug/l
RT: 4.496 min Scan# 997
Delta R.T. 0.000 min
Lab File: VU054856.D
Acq: 24 Jul 2023 13:25

Tgt Ion: 59 Resp: 6880
Ion Ratio Lower Upper
59 100
87 47.6 35.7 53.5

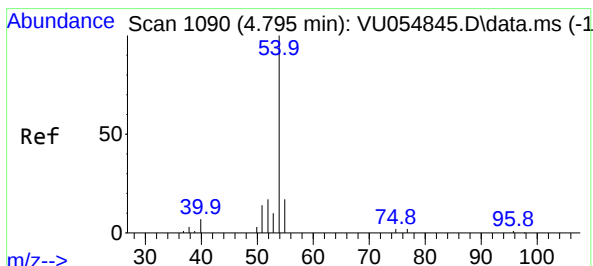
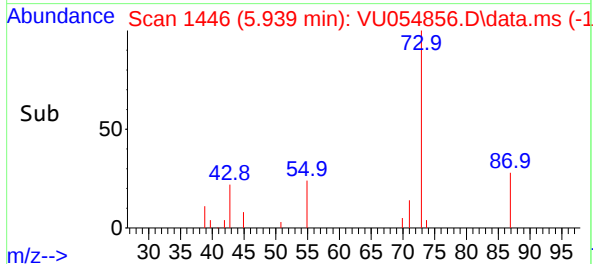
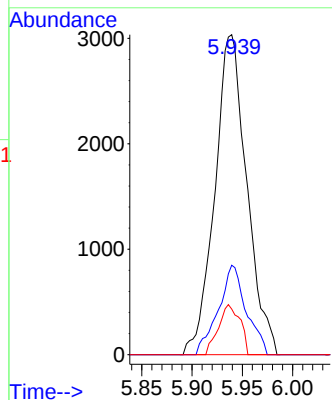
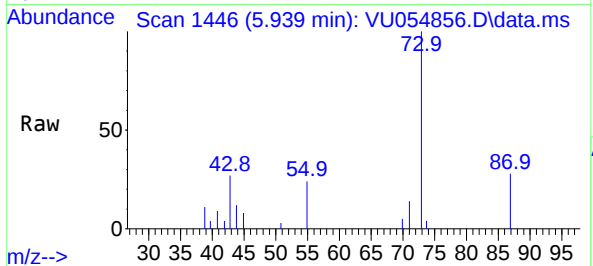




#33
Tert-Amyl methyl ether
Concen: 0.458 ug/l
RT: 5.939 min Scan# 1445
Delta R.T. 0.003 min
Lab File: VU054856.D
Acq: 24 Jul 2023 13:25

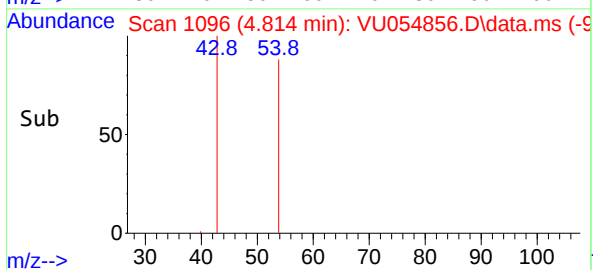
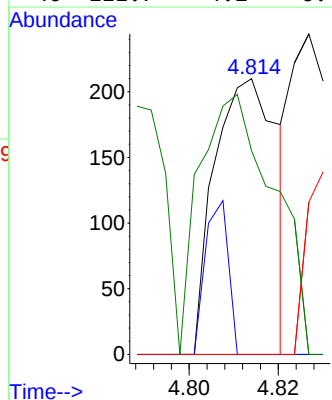
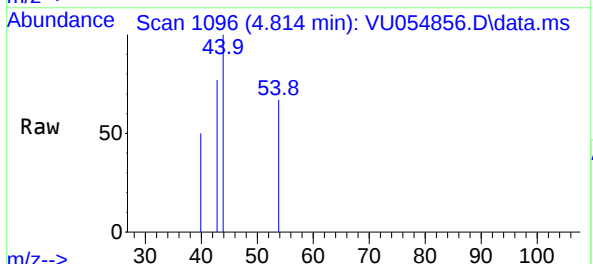
Instrument : MSVOA_U
ClientSampleId : LOQ-WATER-02-QT3-2023

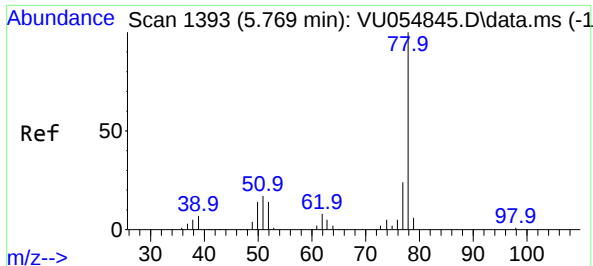
Tgt Ion: 73	Resp: 6721
Ion Ratio	Lower Upper
73 100	
87 24.4	19.6 29.4
71 10.5	9.1 13.7



#34
Propionitrile
Concen: 0.517 ug/l
RT: 4.814 min Scan# 1096
Delta R.T. 0.019 min
Lab File: VU054856.D
Acq: 24 Jul 2023 13:25

Tgt Ion: 54	Resp: 206
Ion Ratio	Lower Upper
54 100	
52 20.4	13.8 20.8
55 0.0	4.8 7.2#
40 111.7	4.2 6.4#

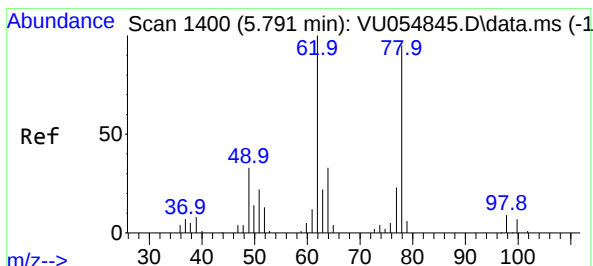
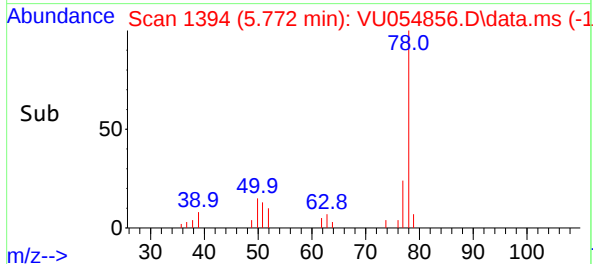
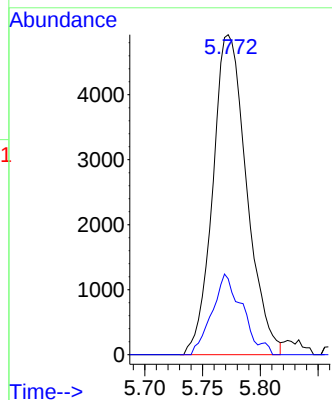
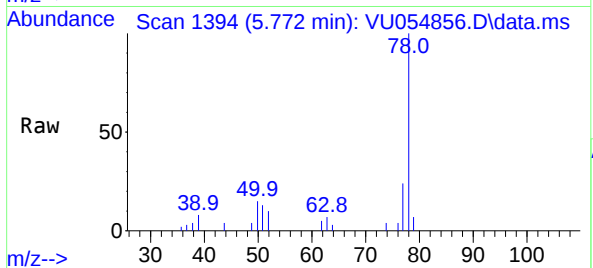




#35
Benzene
Concen: 0.459 ug/l
RT: 5.772 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU054856.D
Acq: 24 Jul 2023 13:25

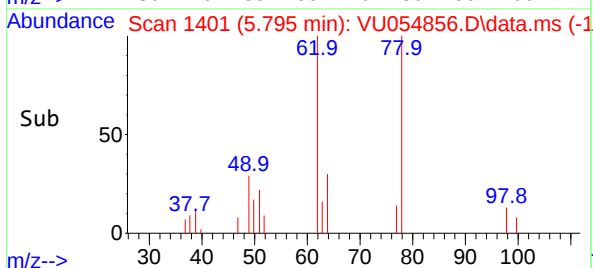
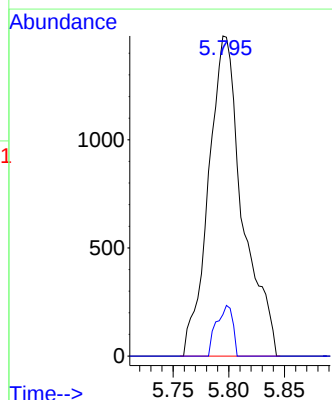
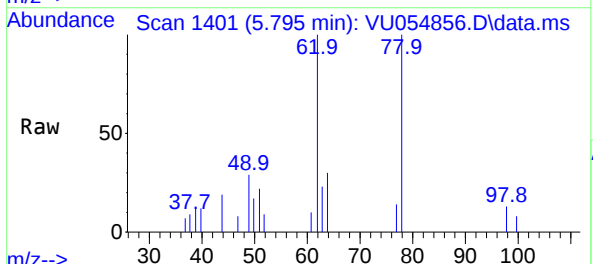
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT3-2023

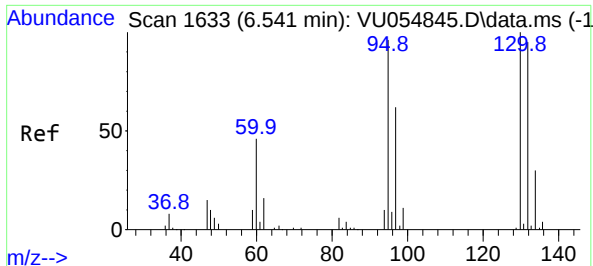
Tgt Ion: 78 Resp: 10061
Ion Ratio Lower Upper
78 100
77 23.7 19.4 29.2



#36
1,2-Dichloroethane
Concen: 0.500 ug/l
RT: 5.795 min Scan# 1401
Delta R.T. 0.003 min
Lab File: VU054856.D
Acq: 24 Jul 2023 13:25

Tgt Ion: 62 Resp: 3144
Ion Ratio Lower Upper
62 100
98 7.5 7.8 11.8#





#37

Trichloroethene

Concen: 0.472 ug/l

RT: 6.544 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU054856.D

Acq: 24 Jul 2023 13:25

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT3-2023

Tgt Ion:130 Resp: 2797

Ion Ratio Lower Upper

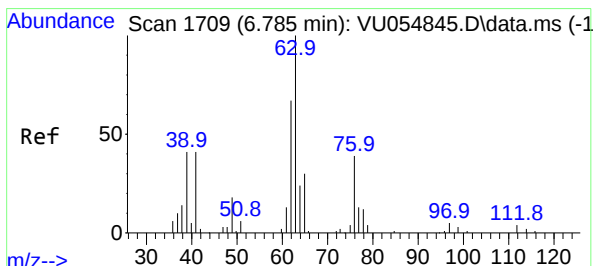
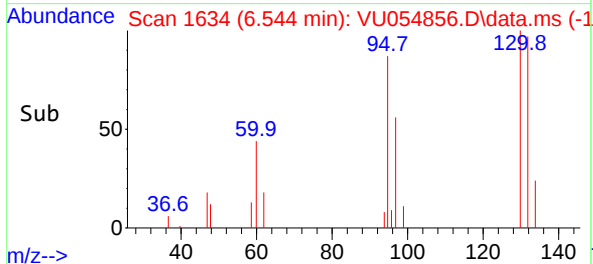
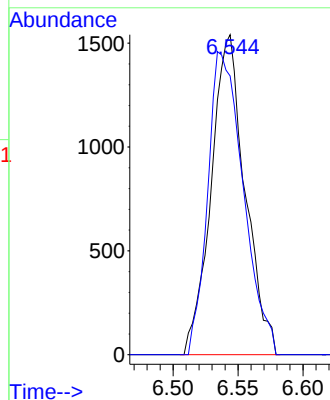
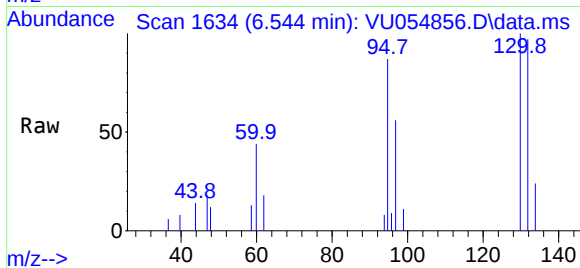
130 100

95

87.1

76.8

115.2



#38

1,2-Dichloropropane

Concen: 0.436 ug/l

RT: 6.788 min Scan# 1710

Delta R.T. 0.003 min

Lab File: VU054856.D

Acq: 24 Jul 2023 13:25

Tgt Ion: 63 Resp: 2757

Ion Ratio Lower Upper

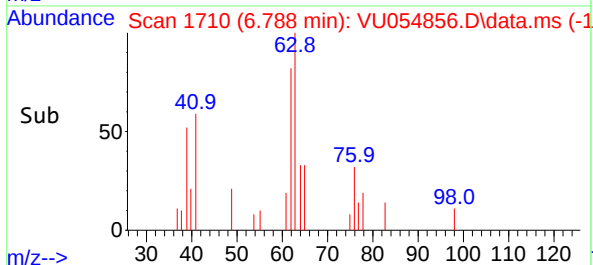
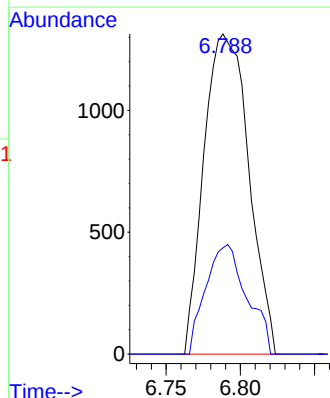
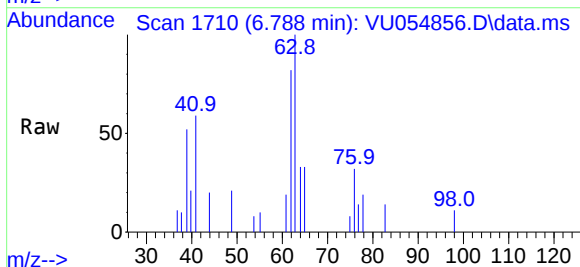
63 100

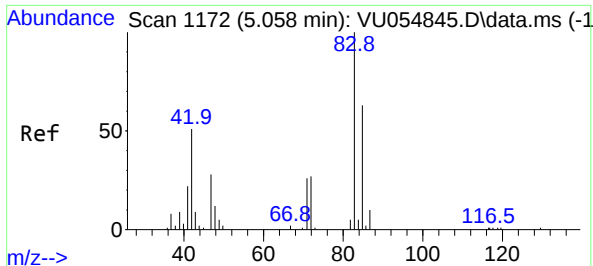
65

33.2

24.3

36.5





#41

Tetrahydrofuran

Concen: 0.228 ug/l

RT: 5.068 min Scan# 1172

Delta R.T. 0.010 min

Lab File: VU054856.D

Acq: 24 Jul 2023 13:25

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT3-2023

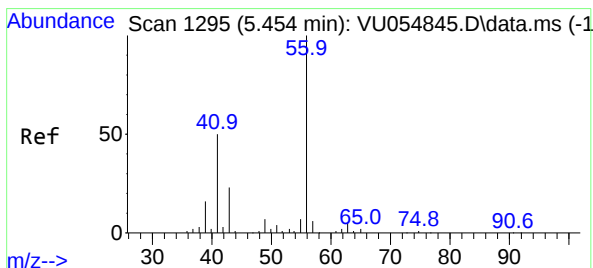
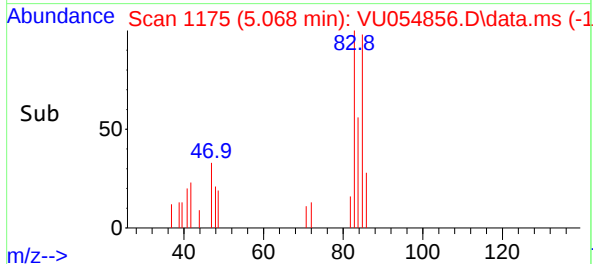
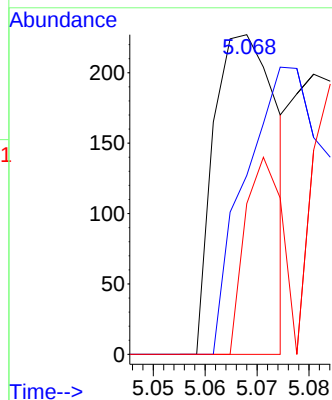
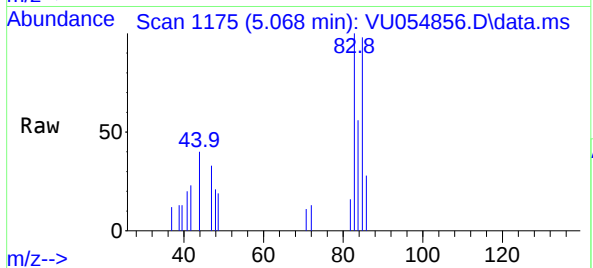
Tgt Ion: 42 Resp: 191

Ion Ratio Lower Upper

42 100

72 163.4 42.1 63.1#

71 36.1 39.7 59.5#



#42

1-Chlorobutane

Concen: 0.500 ug/l

RT: 5.457 min Scan# 1296

Delta R.T. 0.003 min

Lab File: VU054856.D

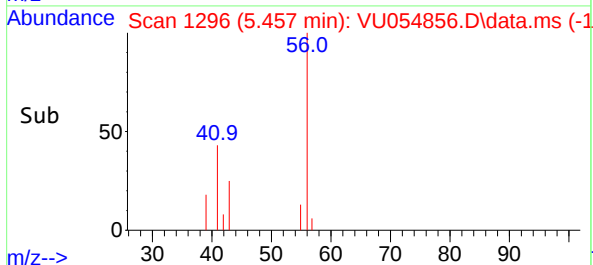
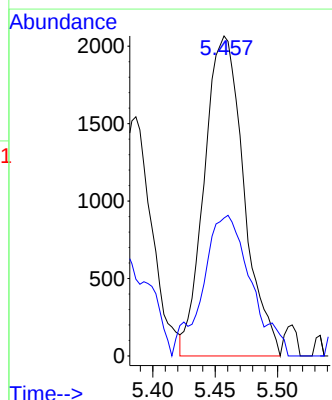
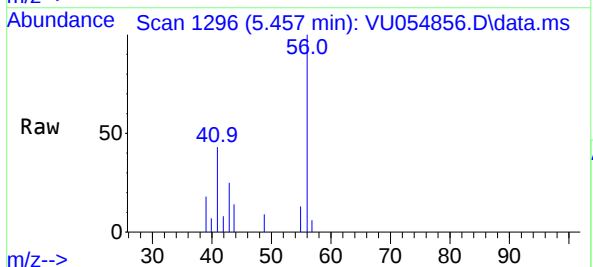
Acq: 24 Jul 2023 13:25

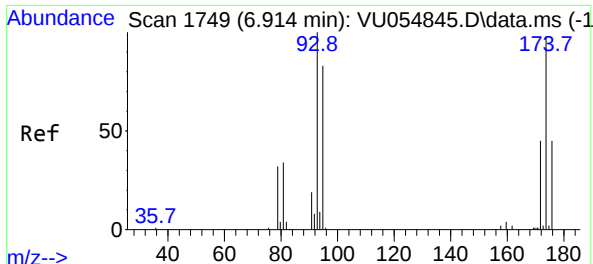
Tgt Ion: 56 Resp: 4563

Ion Ratio Lower Upper

56 100

41 53.4 23.9 71.7

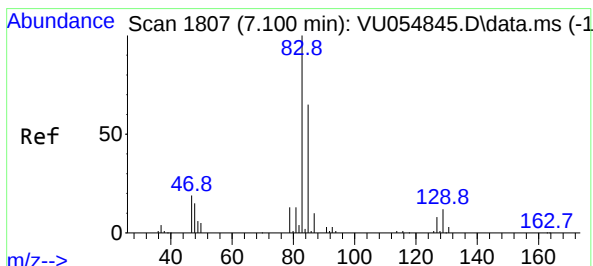
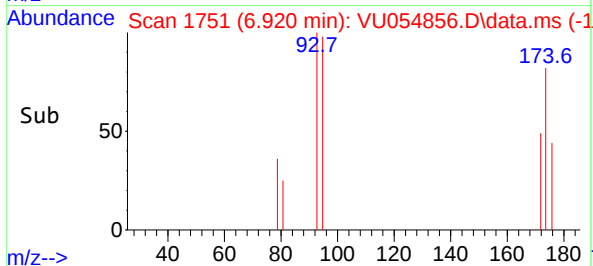
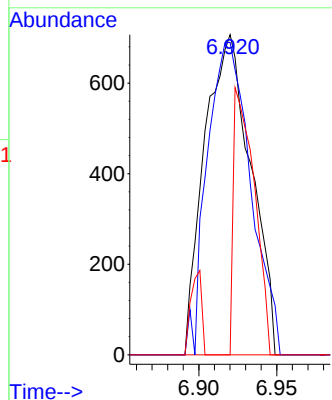
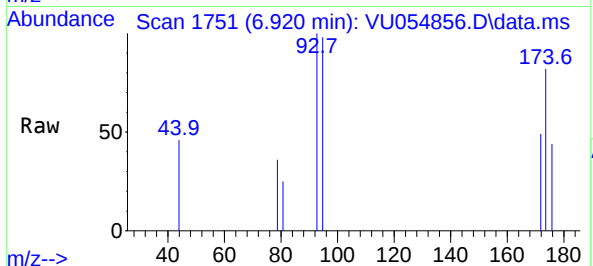




#43
Dibromomethane
Concen: 0.497 ug/l
RT: 6.920 min Scan# 11
Delta R.T. 0.006 min
Lab File: VU054856.D
Acq: 24 Jul 2023 13:25

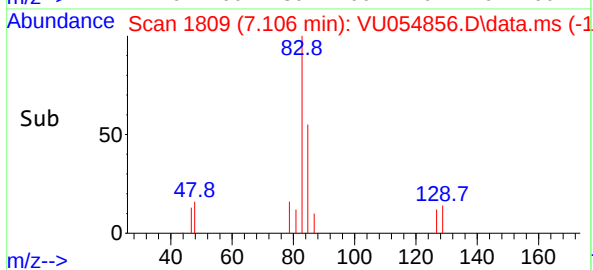
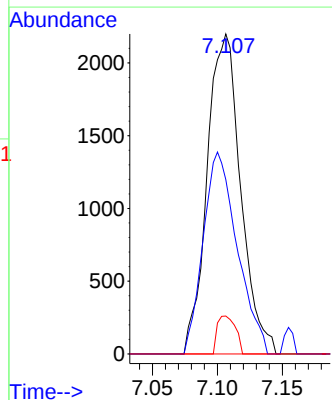
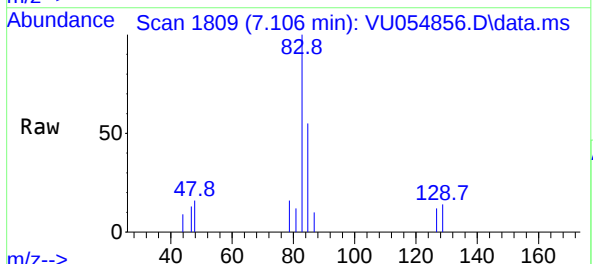
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT3-2023

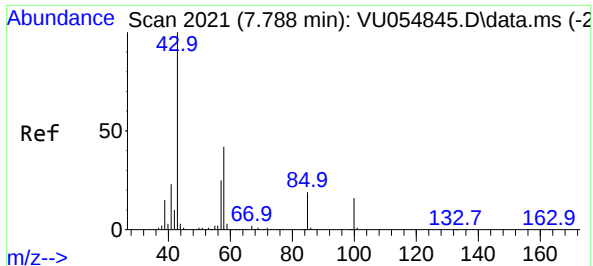
Tgt Ion: 93 Resp: 1463
Ion Ratio Lower Upper
93 100
95 91.5 64.7 97.1
174 37.7 74.4 111.6#



#44
Bromodichloromethane
Concen: 0.490 ug/l
RT: 7.106 min Scan# 1809
Delta R.T. 0.006 min
Lab File: VU054856.D
Acq: 24 Jul 2023 13:25

Tgt Ion: 83 Resp: 3949
Ion Ratio Lower Upper
83 100
85 54.5 52.2 78.2
127 11.9 6.1 9.1#

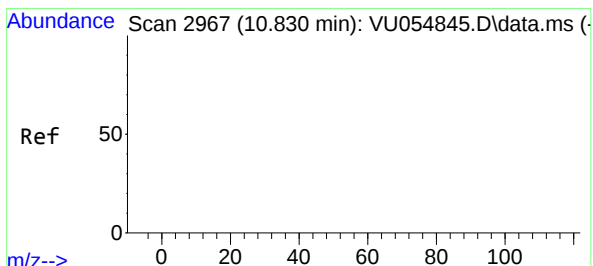
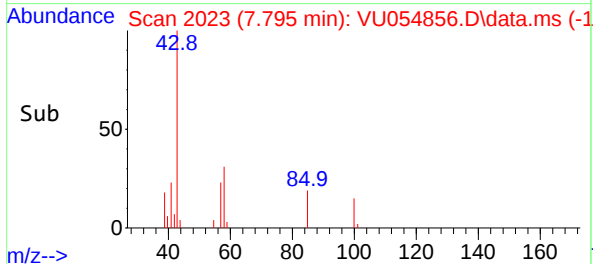
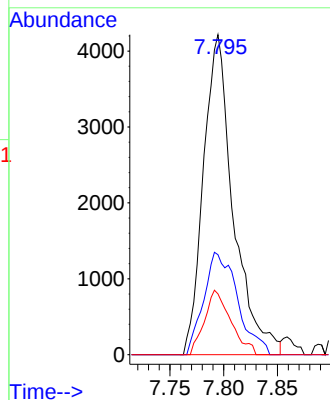
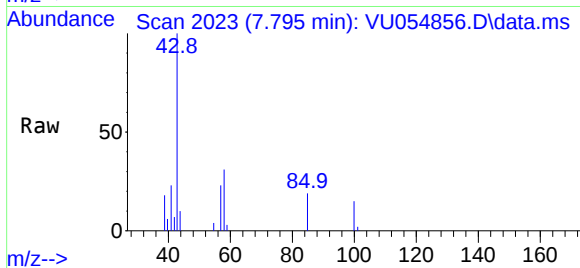




#45
4-Methyl-2-Pentanone
Concen: 2.338 ug/l
RT: 7.795 min Scan# 2021
Delta R.T. 0.006 min
Lab File: VU054856.D
Acq: 24 Jul 2023 13:25

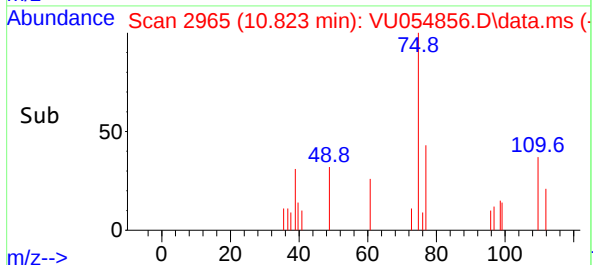
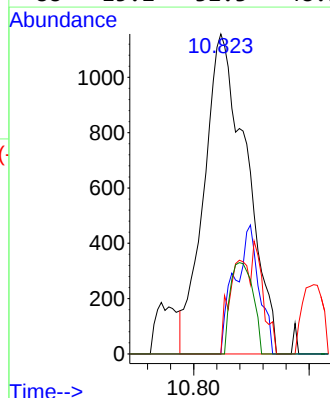
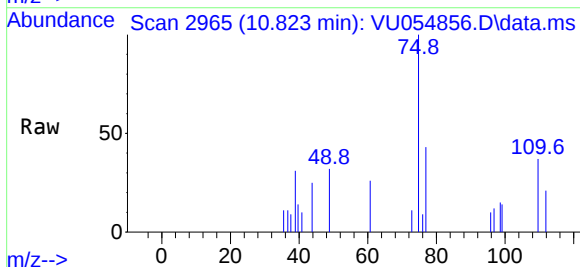
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT3-2023

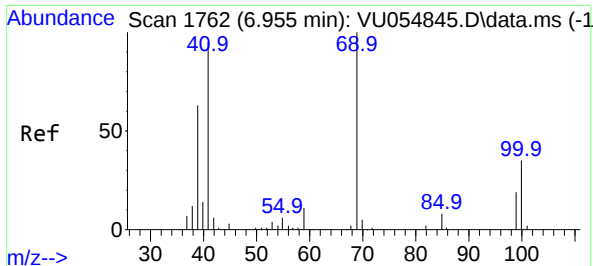
Tgt Ion:	43	Resp:	8141
Ion	Ratio	Lower	Upper
43	100		
58	36.3	21.3	63.7
85	17.7	15.3	22.9



#46
t-1,4-Dichloro-2-butene
Concen: 2.026 ug/l
RT: 10.823 min Scan# 2965
Delta R.T. -0.006 min
Lab File: VU054856.D
Acq: 24 Jul 2023 13:25

Tgt Ion:	75	Resp:	2954
Ion	Ratio	Lower	Upper
75	100		
53	0.0	62.9	94.3#
89	14.3	47.8	71.8#
88	15.2	32.3	48.5#



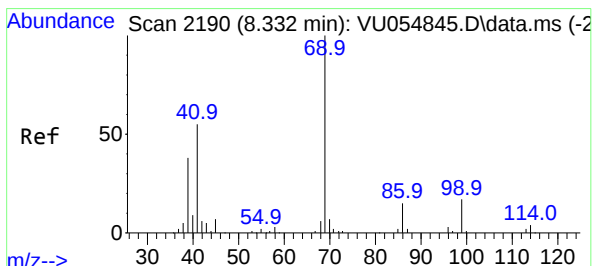
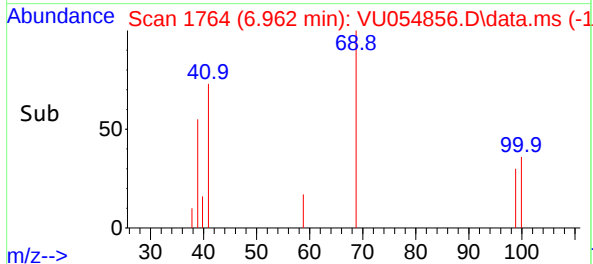
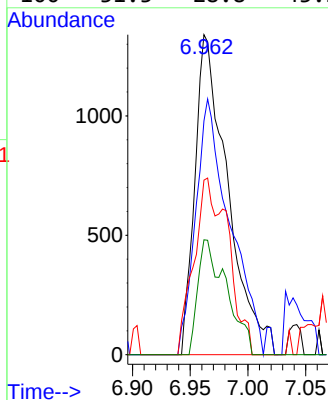
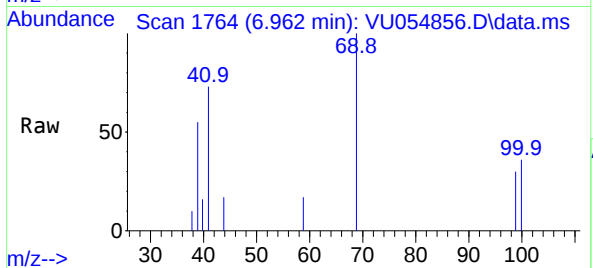


#47
Methyl methacrylate
Concen: 0.958 ug/l
RT: 6.962 min Scan# 1764
Delta R.T. 0.006 min
Lab File: VU054856.D
Acq: 24 Jul 2023 13:25

Instrument : MSVOA_U
ClientSampleId : LOQ-WATER-02-QT3-2023

Tgt Ion: 69 Resp: 2648

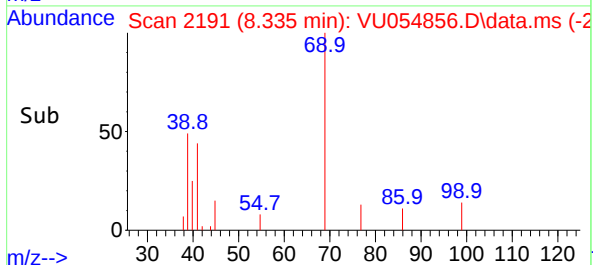
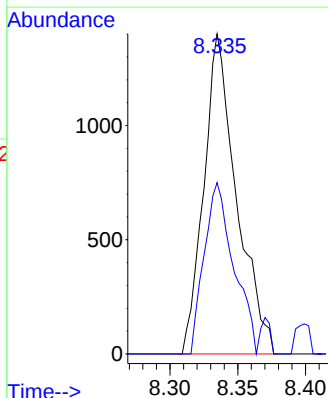
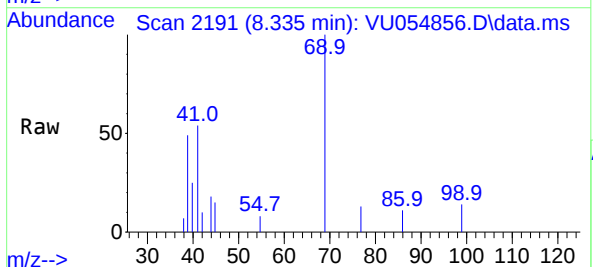
Ion	Ratio	Lower	Upper
69	100		
41	83.1	0.0	193.0
39	57.7	50.4	75.6
100	31.3	28.8	43.2

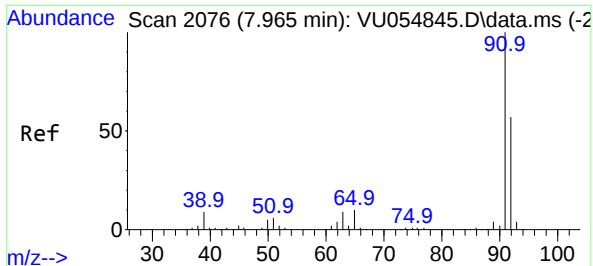


#48
Ethyl methacrylate
Concen: 0.419 ug/l
RT: 8.335 min Scan# 2191
Delta R.T. 0.003 min
Lab File: VU054856.D
Acq: 24 Jul 2023 13:25

Tgt Ion: 69 Resp: 2352

Ion	Ratio	Lower	Upper
69	100		
41	48.3	28.8	86.5





#49

Toluene

Concen: 0.465 ug/l

RT: 7.968 min Scan# 2076

Delta R.T. 0.003 min

Lab File: VU054856.D

Acq: 24 Jul 2023 13:25

Instrument :

MSVOA_U

ClientSampleId :

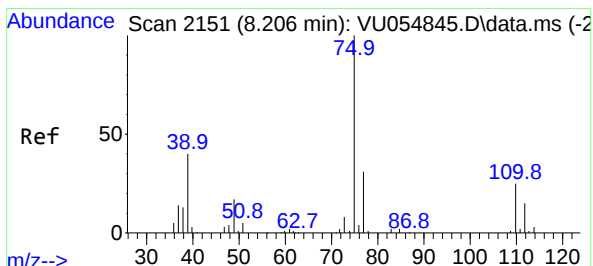
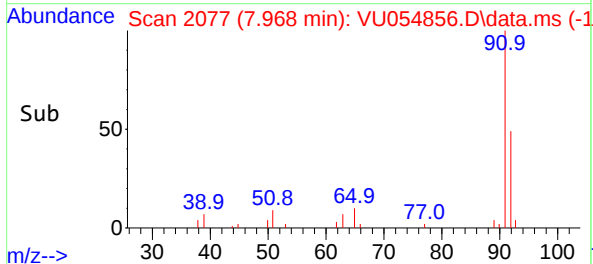
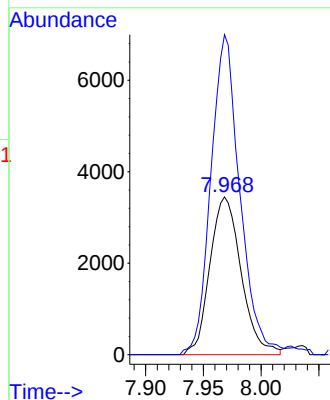
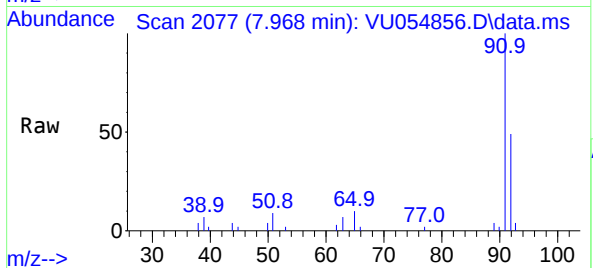
LOQ-WATER-02-QT3-2023

Tgt Ion: 92 Resp: 6495

Ion Ratio Lower Upper

92 100

91 187.8 142.9 214.3



#50

t-1,3-Dichloropropene

Concen: 0.445 ug/l

RT: 8.209 min Scan# 2152

Delta R.T. 0.003 min

Lab File: VU054856.D

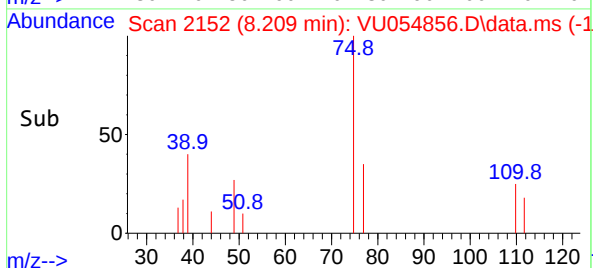
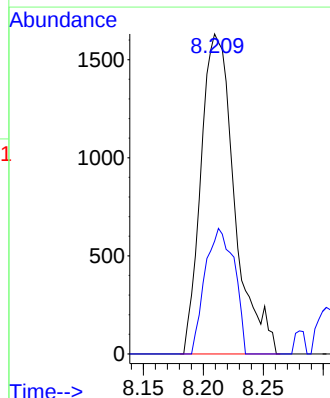
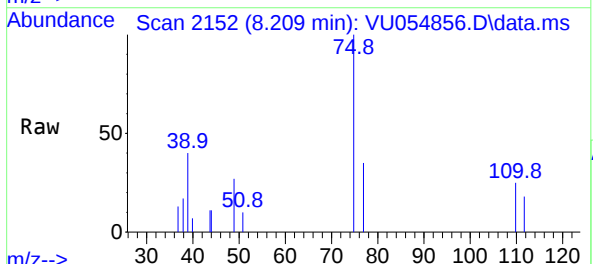
Acq: 24 Jul 2023 13:25

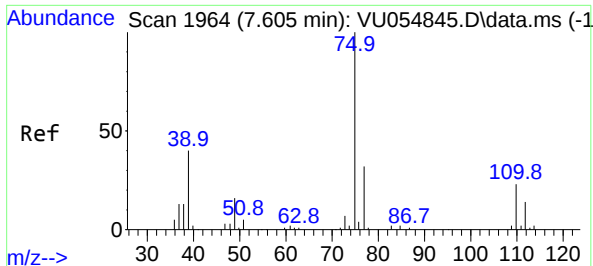
Tgt Ion: 75 Resp: 3182

Ion Ratio Lower Upper

75 100

77 35.3 24.9 37.3

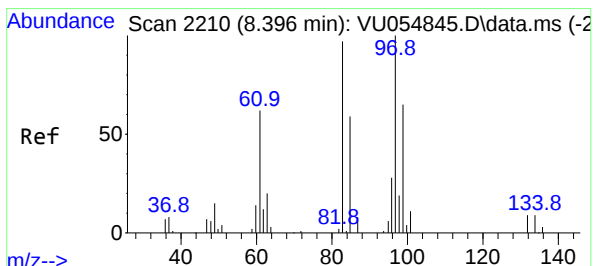
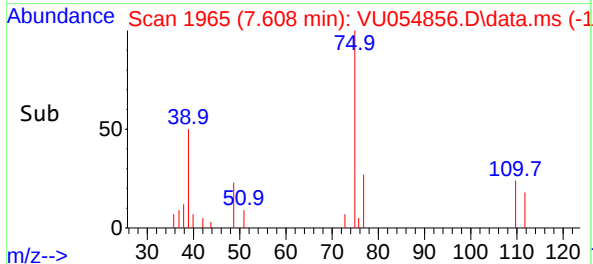
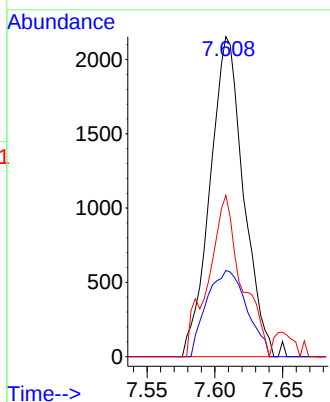
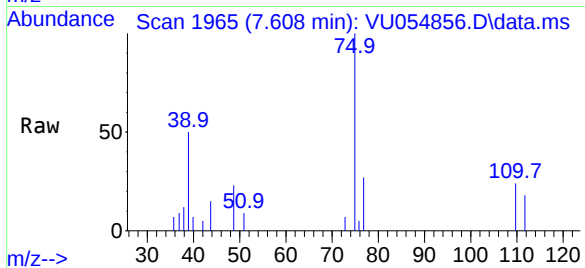




#51
 cis-1,3-Dichloropropene
 Concen: 0.426 ug/l
 RT: 7.608 min Scan# 1964
 Delta R.T. 0.003 min
 Lab File: VU054856.D
 Acq: 24 Jul 2023 13:25

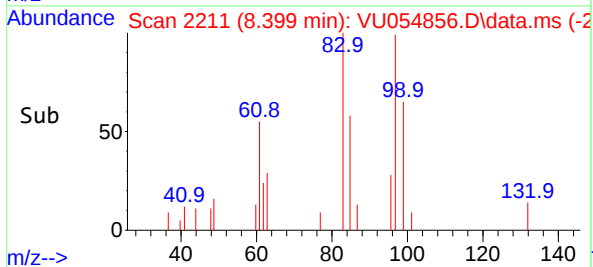
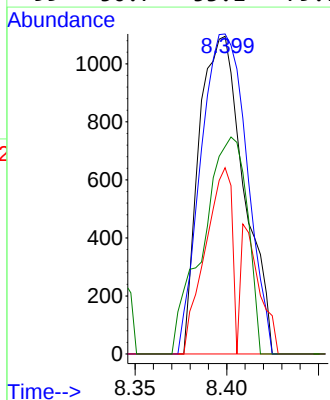
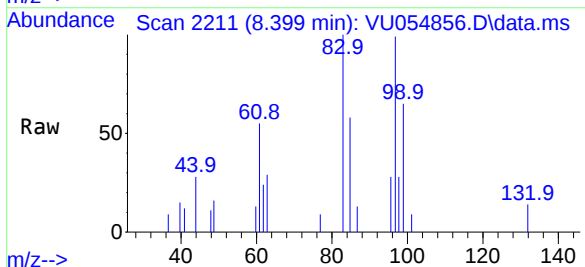
Instrument : MSVOA_U
 ClientSampleId : LOQ-WATER-02-QT3-2023

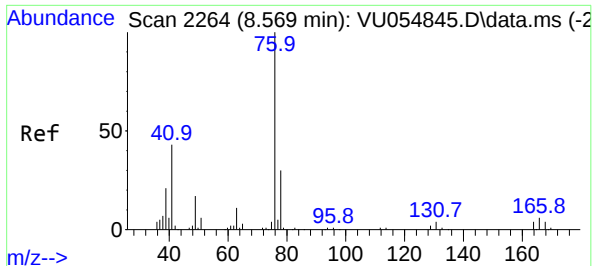
Tgt Ion:	75	Resp:	3697
Ion	Ratio	Lower	Upper
75	100		
77	26.9	25.8	38.8
39	50.4	31.7	47.5#



#52
 1,1,2-Trichloroethane
 Concen: 0.418 ug/l
 RT: 8.399 min Scan# 2211
 Delta R.T. 0.003 min
 Lab File: VU054856.D
 Acq: 24 Jul 2023 13:25

Tgt Ion:	97	Resp:	1855
Ion	Ratio	Lower	Upper
97	100		
83	78.3	77.4	116.2
85	45.6	47.8	71.8#
99	50.7	53.1	79.7#

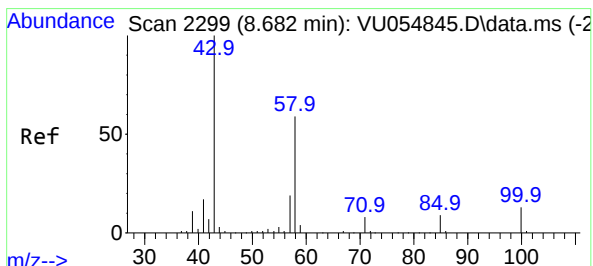
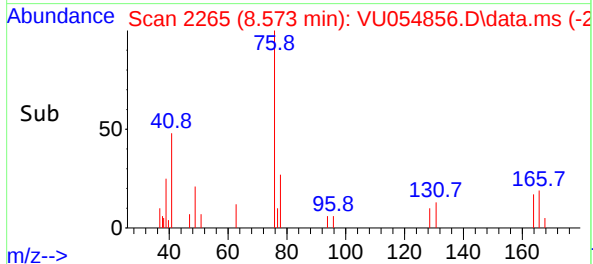
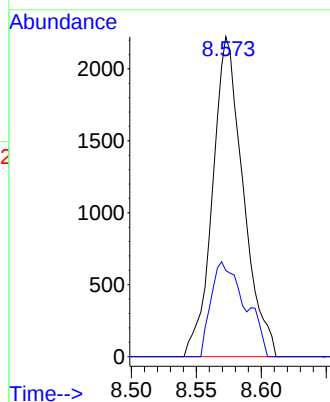
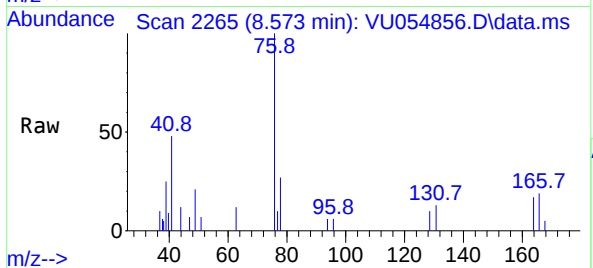




#53
1,3-Dichloropropane
Concen: 0.486 ug/l
RT: 8.573 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU054856.D
Acq: 24 Jul 2023 13:25

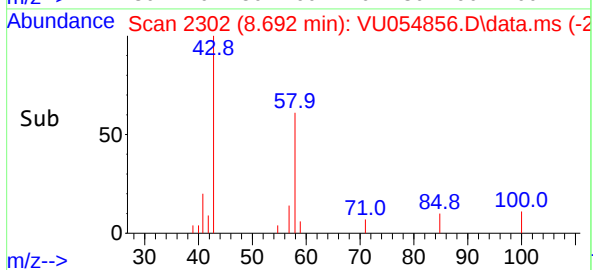
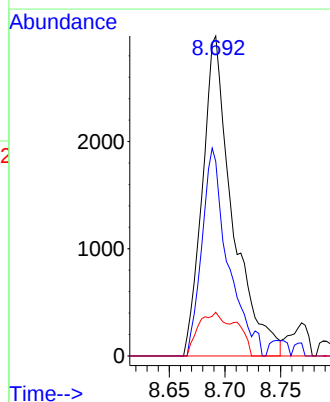
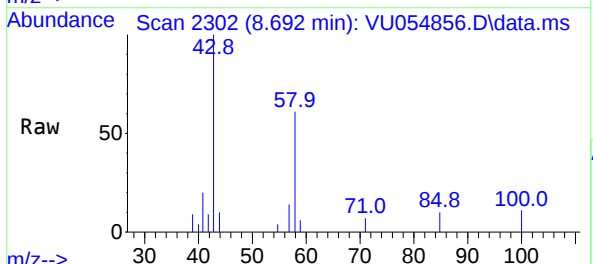
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT3-2023

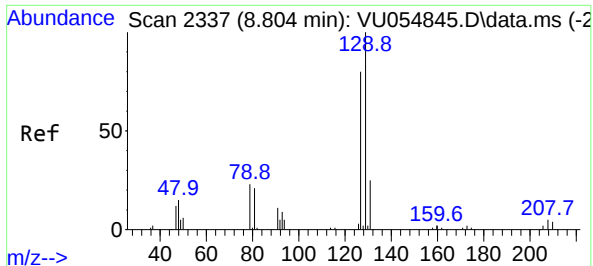
Tgt Ion: 76 Resp: 3633
Ion Ratio Lower Upper
76 100
78 32.9 24.6 36.8



#54
2-Hexanone
Concen: 2.307 ug/l
RT: 8.692 min Scan# 2302
Delta R.T. 0.010 min
Lab File: VU054856.D
Acq: 24 Jul 2023 13:25

Tgt Ion: 43 Resp: 5600
Ion Ratio Lower Upper
43 100
58 56.2 38.9 78.9
57 12.7 0.0 38.7

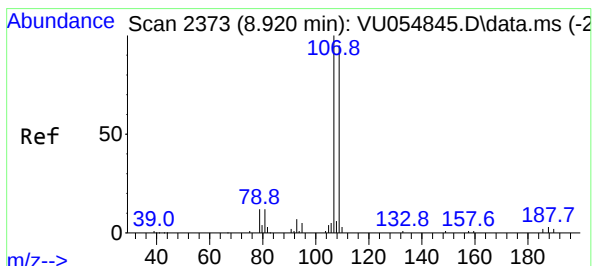
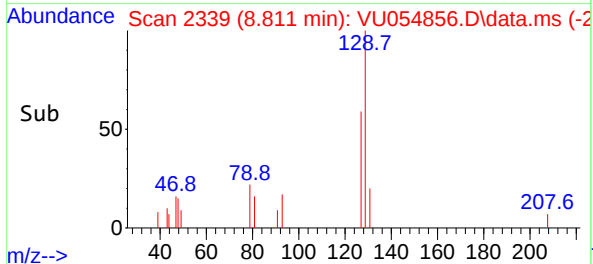
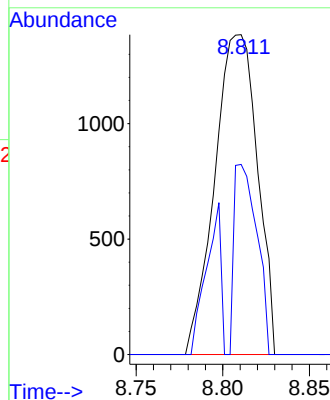
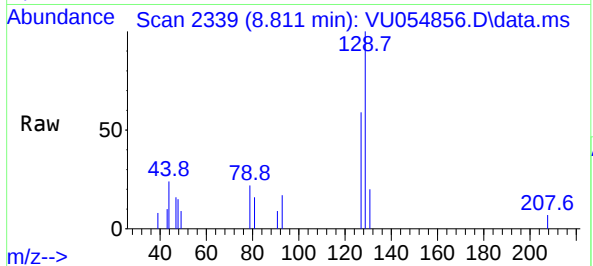




#55
Dibromochloromethane
Concen: 0.448 ug/l
RT: 8.811 min Scan# 21
Delta R.T. 0.006 min
Lab File: VU054856.D
Acq: 24 Jul 2023 13:25

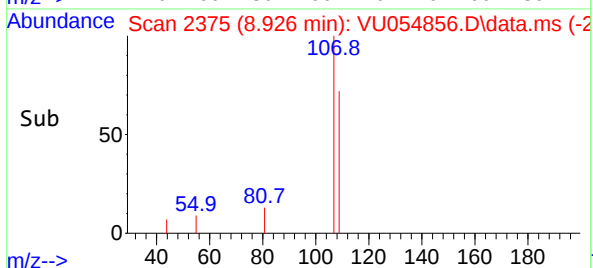
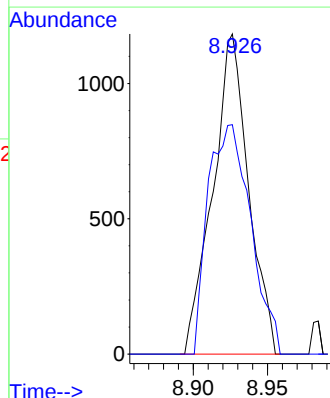
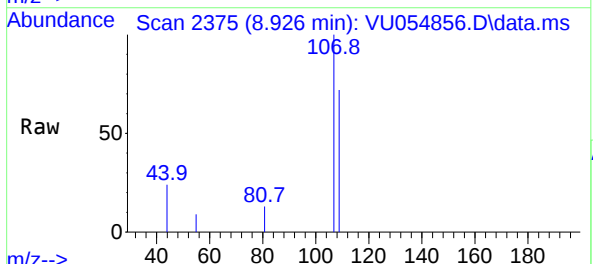
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT3-2023

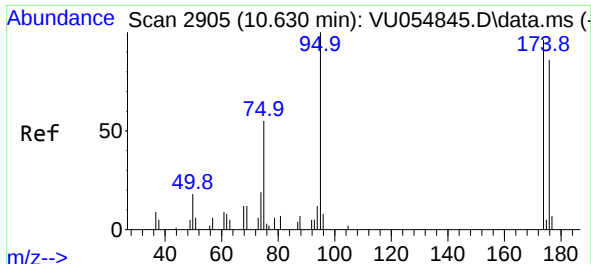
Tgt Ion:129 Resp: 2378
Ion Ratio Lower Upper
129 100
127 31.8 61.4 92.0#



#56
1,2-Dibromoethane
Concen: 0.510 ug/l
RT: 8.926 min Scan# 2375
Delta R.T. 0.006 min
Lab File: VU054856.D
Acq: 24 Jul 2023 13:25

Tgt Ion:107 Resp: 1980
Ion Ratio Lower Upper
107 100
109 85.5 0.0 185.4

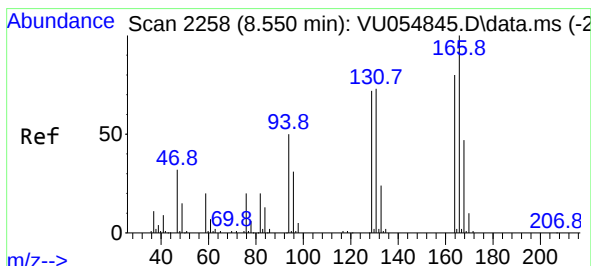
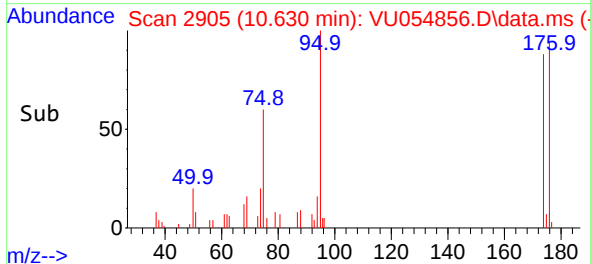
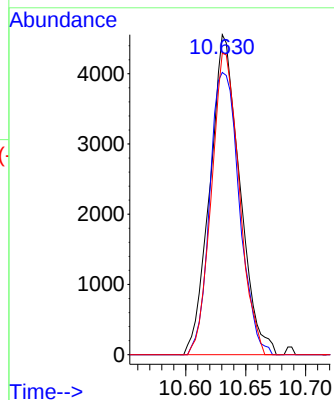
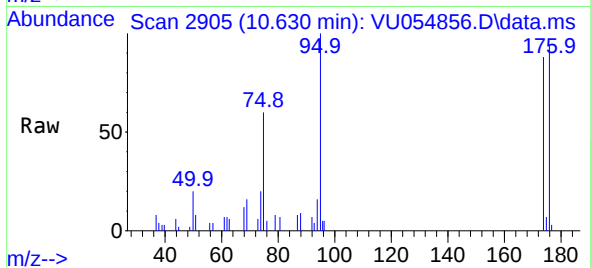




#57
4-Bromofluorobenzene
Concen: 1.025 ug/l
RT: 10.630 min Scan# 2905
Delta R.T. 0.000 min
Lab File: VU054856.D
Acq: 24 Jul 2023 13:25

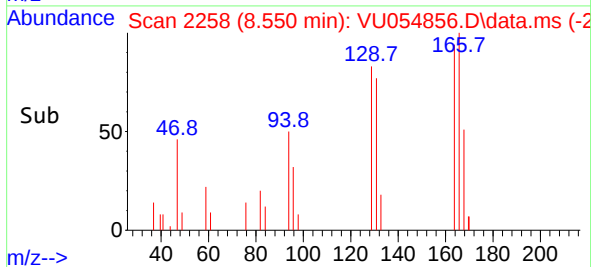
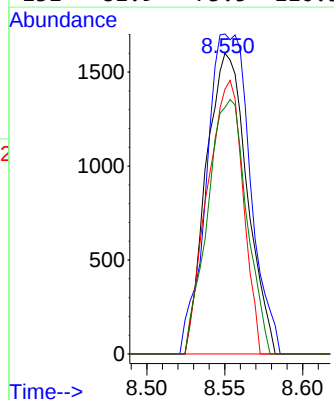
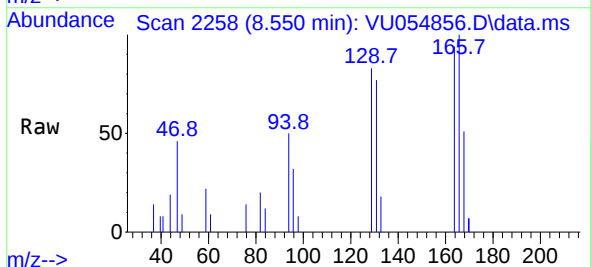
Instrument : MSVOA_U
ClientSampleId : LOQ-WATER-02-QT3-2023

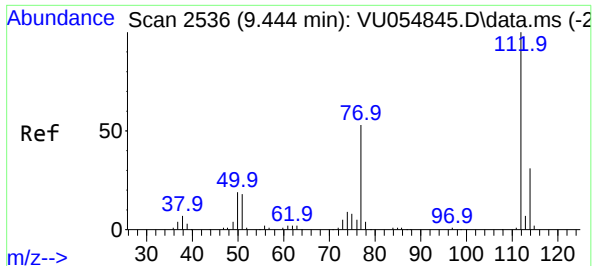
Tgt Ion: 95 Resp: 7852
Ion Ratio Lower Upper
95 100
174 87.8 79.3 118.9
176 87.9 71.5 107.3



#58
Tetrachloroethene
Concen: 0.564 ug/l
RT: 8.550 min Scan# 2258
Delta R.T. 0.000 min
Lab File: VU054856.D
Acq: 24 Jul 2023 13:25

Tgt Ion:164 Resp: 2908
Ion Ratio Lower Upper
164 100
166 106.4 100.4 150.6
129 88.1 71.9 107.9
131 81.9 73.5 110.3





#59

Chlorobenzene

Concen: 0.474 ug/l

RT: 9.447 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU054856.D

Acq: 24 Jul 2023 13:25

Instrument :

MSVOA_U

ClientSampleId :

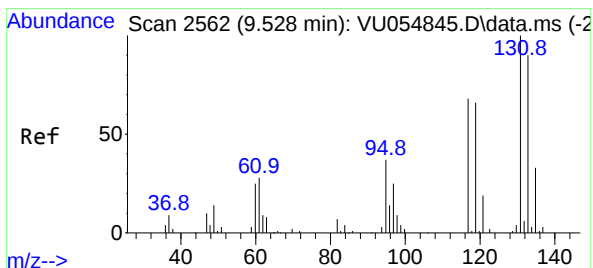
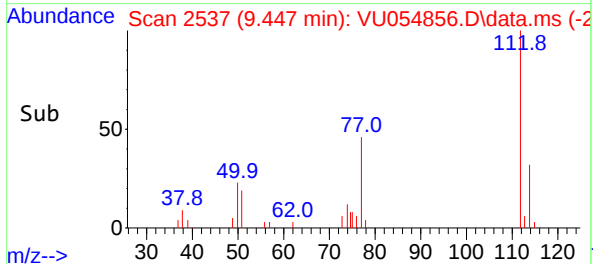
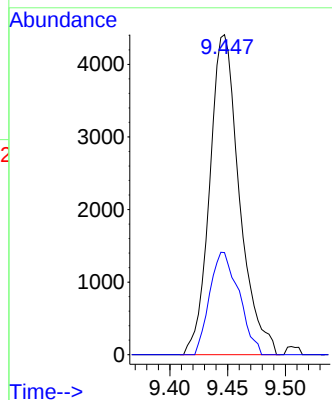
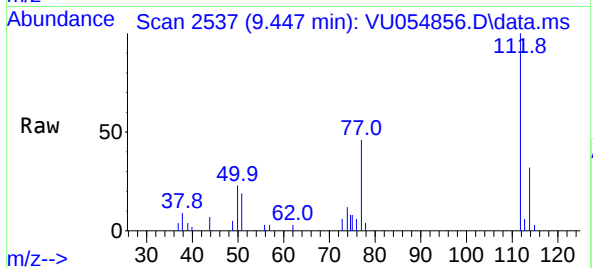
LOQ-WATER-02-QT3-2023

Tgt Ion:112 Resp: 7895

Ion Ratio Lower Upper

112 100

114 30.1 25.0 37.6



#60

1,1,1,2-Tetrachloroethane

Concen: 0.426 ug/l

RT: 9.534 min Scan# 2564

Delta R.T. 0.006 min

Lab File: VU054856.D

Acq: 24 Jul 2023 13:25

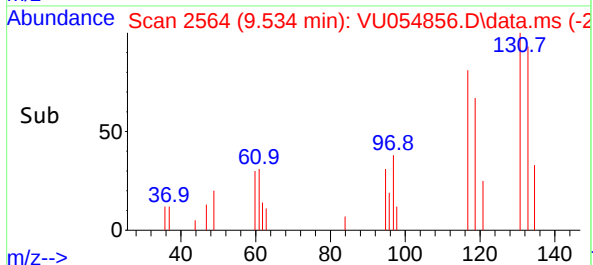
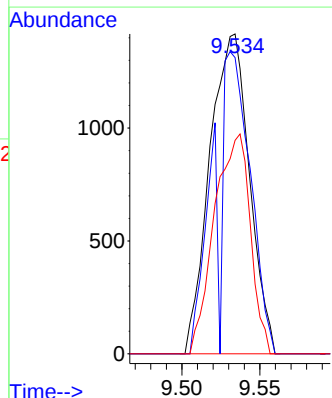
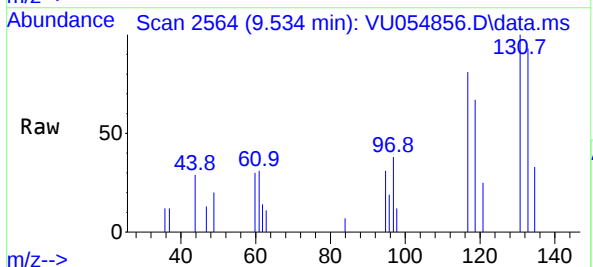
Tgt Ion:131 Resp: 2506

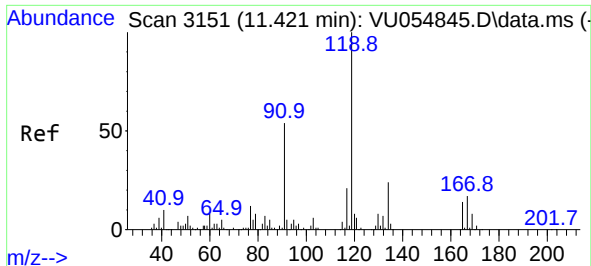
Ion Ratio Lower Upper

131 100

133 63.0 74.2 111.4#

119 62.3 51.0 76.4

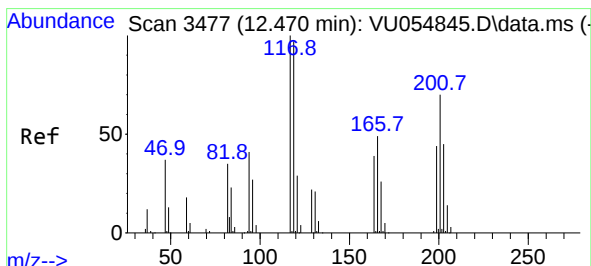
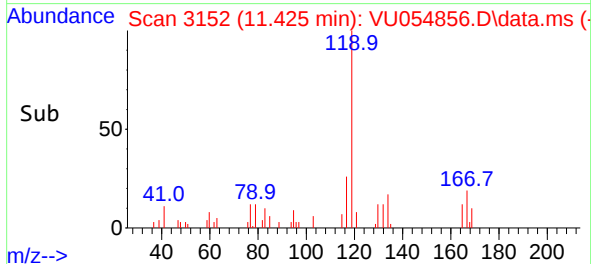
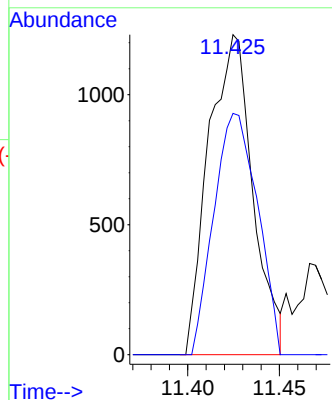
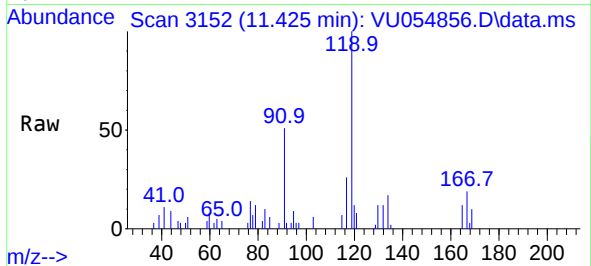




#61
 Pentachloroethane
 Concen: 0.446 ug/l
 RT: 11.425 min Scan# 3151
 Delta R.T. 0.003 min
 Lab File: VU054856.D
 Acq: 24 Jul 2023 13:25

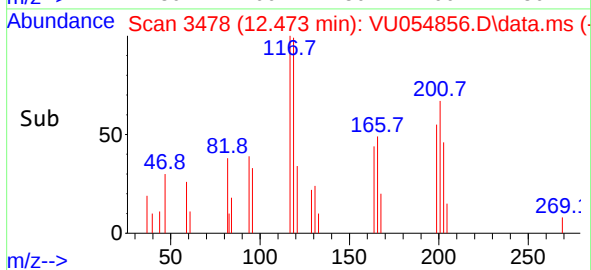
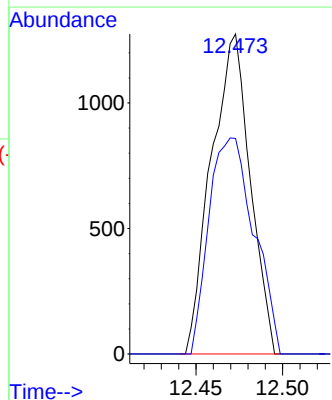
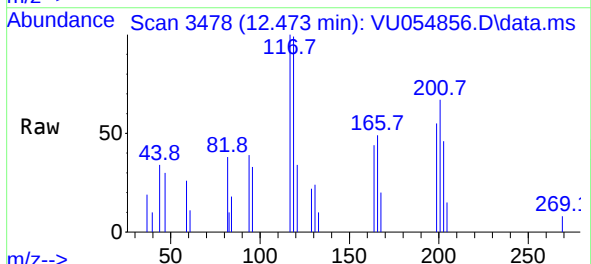
Instrument : MSVOA_U
 ClientSampleId : LOQ-WATER-02-QT3-2023

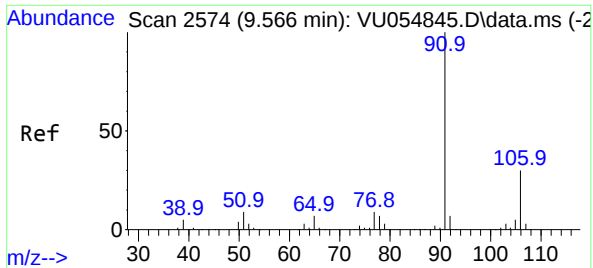
Tgt Ion:117 Resp: 2064
 Ion Ratio Lower Upper
 117 100
 167 74.4 65.3 97.9



#62
 Hexachloroethane
 Concen: 0.418 ug/l
 RT: 12.473 min Scan# 3478
 Delta R.T. 0.003 min
 Lab File: VU054856.D
 Acq: 24 Jul 2023 13:25

Tgt Ion:117 Resp: 1987
 Ion Ratio Lower Upper
 117 100
 201 78.5 56.1 84.1

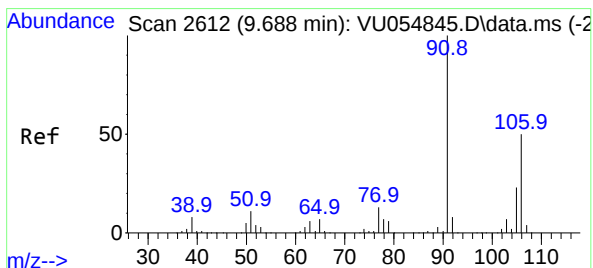
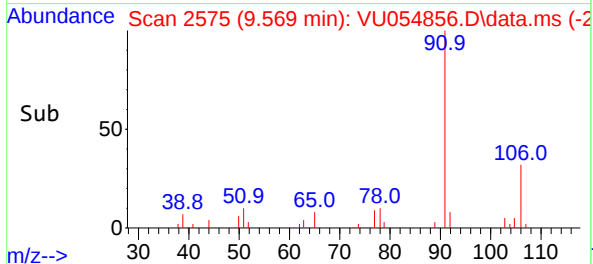
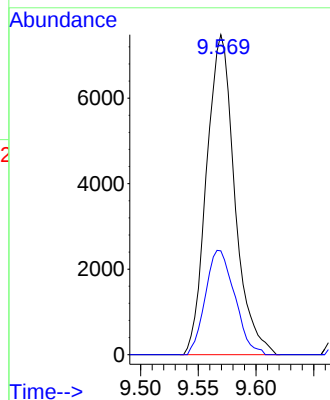
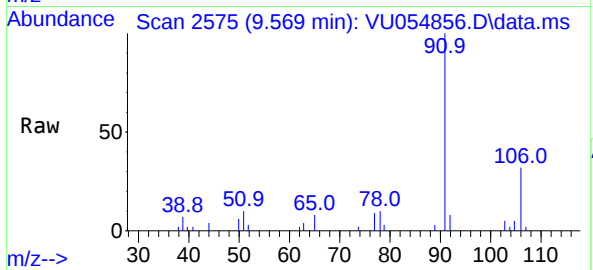




#63
Ethyl Benzene
Concen: 0.446 ug/l
RT: 9.569 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU054856.D
Acq: 24 Jul 2023 13:25

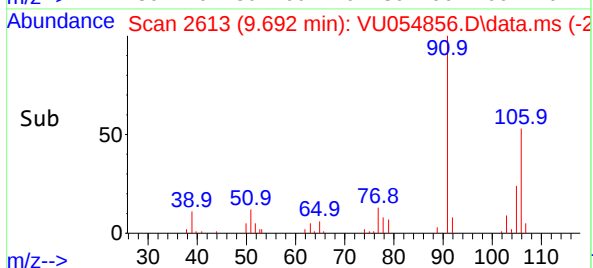
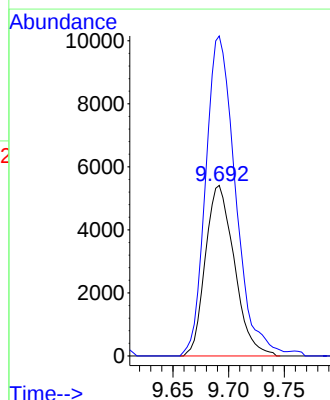
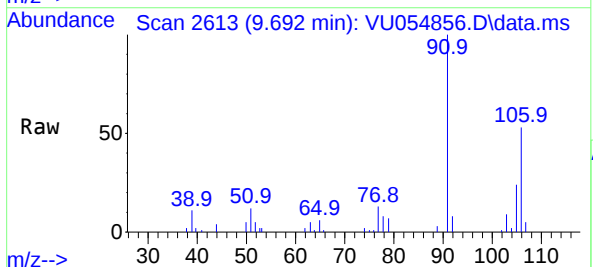
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT3-2023

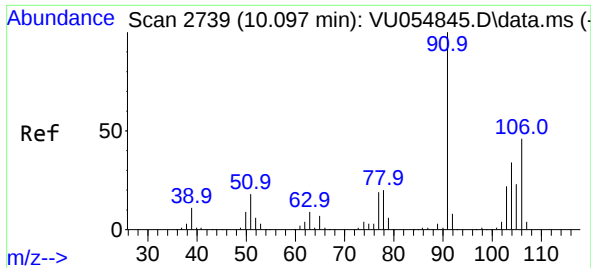
Tgt Ion: 91 Resp: 12672
Ion Ratio Lower Upper
91 100
106 32.4 24.2 36.2



#64
m/p-Xylenes
Concen: 0.912 ug/l
RT: 9.692 min Scan# 2613
Delta R.T. 0.003 min
Lab File: VU054856.D
Acq: 24 Jul 2023 13:25

Tgt Ion: 106 Resp: 9799
Ion Ratio Lower Upper
106 100
91 193.0 158.8 238.2

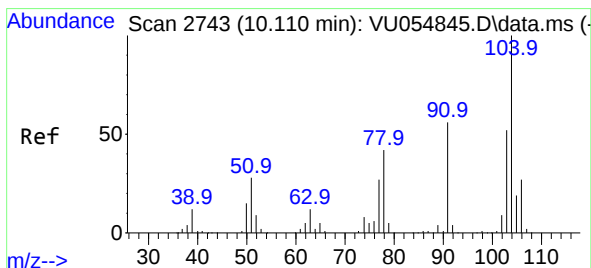
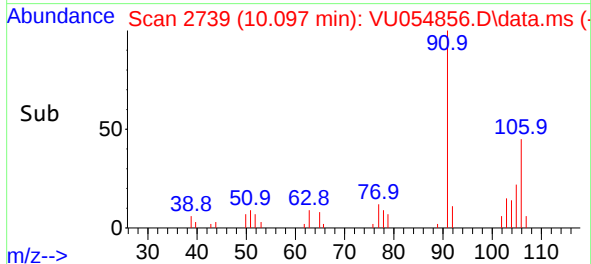
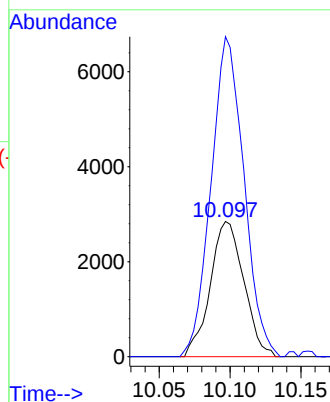
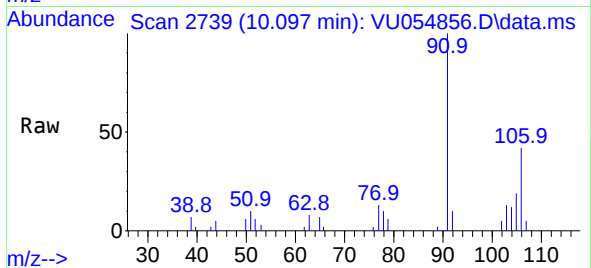




#65
o-Xylene
Concen: 0.434 ug/l
RT: 10.097 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU054856.D
Acq: 24 Jul 2023 13:25

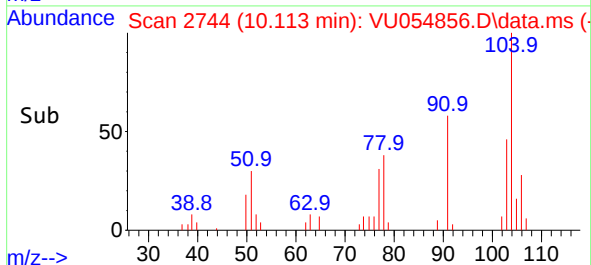
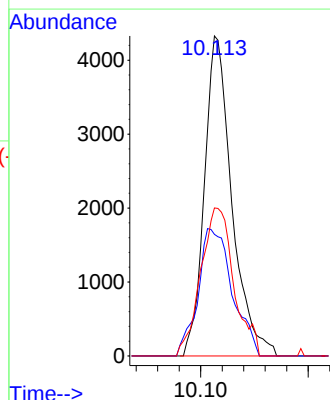
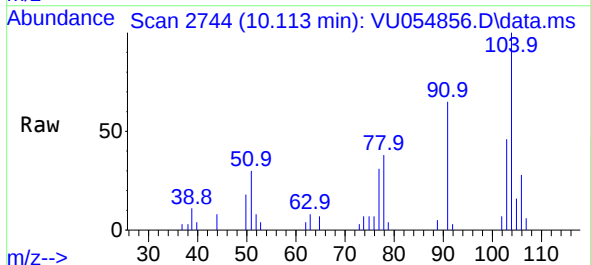
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT3-2023

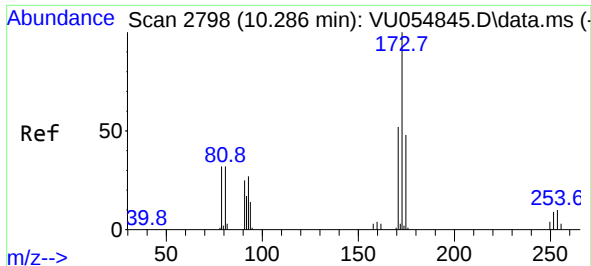
Tgt Ion:106 Resp: 4695
Ion Ratio Lower Upper
106 100
91 232.1 108.9 326.8



#66
Styrene
Concen: 0.442 ug/l
RT: 10.113 min Scan# 2744
Delta R.T. 0.003 min
Lab File: VU054856.D
Acq: 24 Jul 2023 13:25

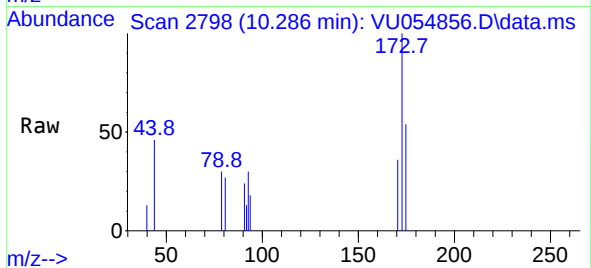
Tgt Ion:104 Resp: 7680
Ion Ratio Lower Upper
104 100
78 49.6 37.5 56.3
103 55.8 45.2 67.8



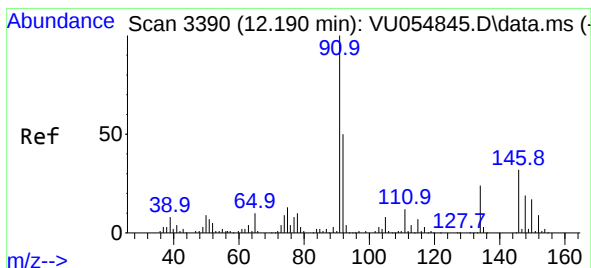
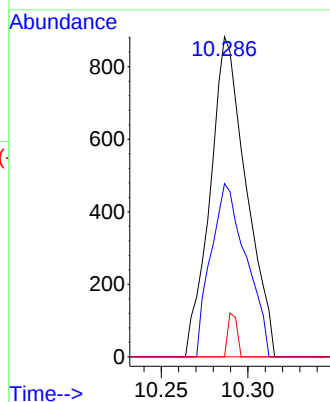
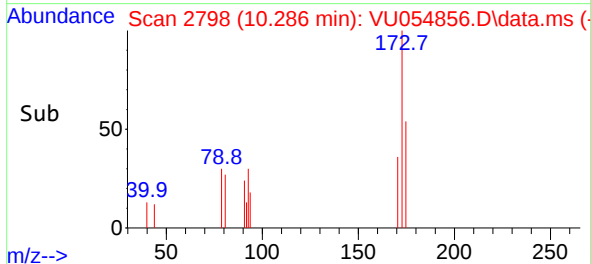


#67
Bromoform
Concen: 0.448 ug/l
RT: 10.286 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU054856.D
Acq: 24 Jul 2023 13:25

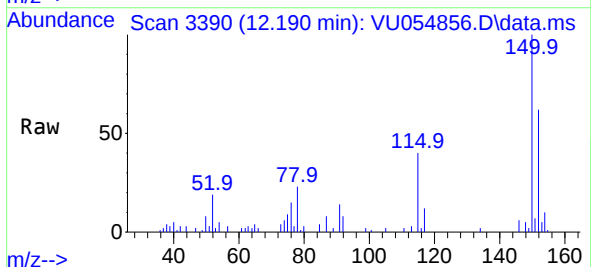
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT3-2023



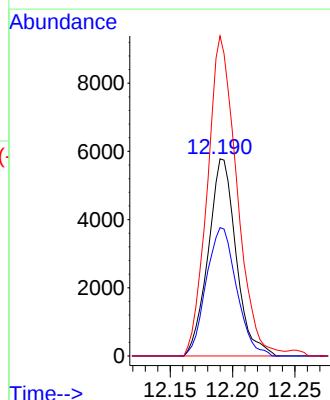
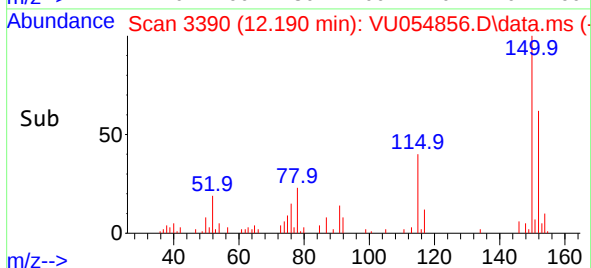
Tgt Ion:173 Resp: 1280
Ion Ratio Lower Upper
173 100
175 52.9 39.0 58.6
254 3.4 7.4 11.0#

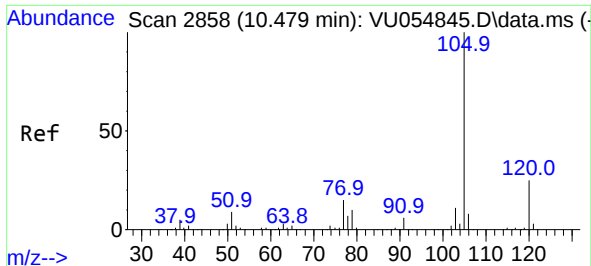


#68
1,2-Dichlorobenzene-d4
Concen: 1.015 ug/l
RT: 12.190 min Scan# 3390
Delta R.T. 0.000 min
Lab File: VU054856.D
Acq: 24 Jul 2023 13:25



Tgt Ion:152 Resp: 9008
Ion Ratio Lower Upper
152 100
115 70.6 0.0 234.8
150 171.6 0.0 598.2

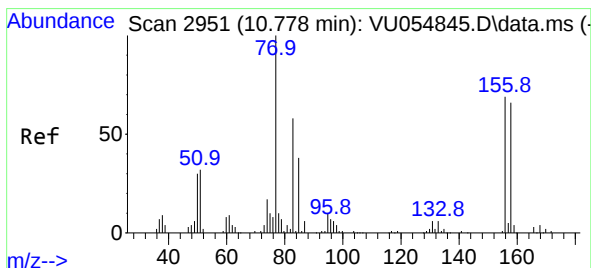
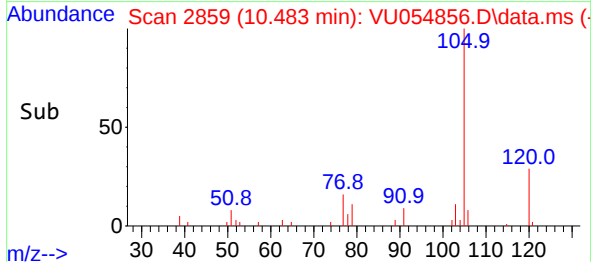
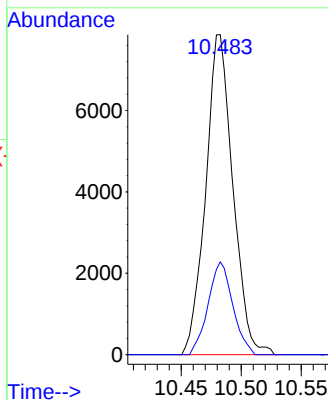
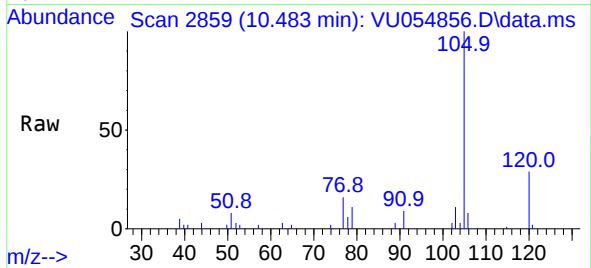




#69
Isopropylbenzene
Concen: 0.422 ug/l
RT: 10.483 min Scan# 2859
Delta R.T. 0.003 min
Lab File: VU054856.D
Acq: 24 Jul 2023 13:25

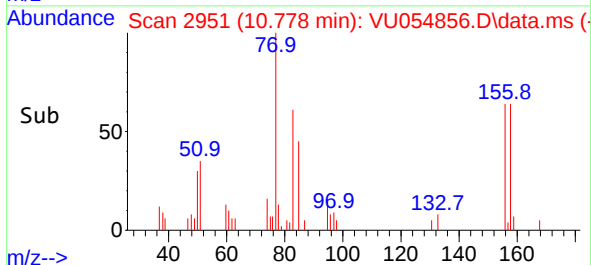
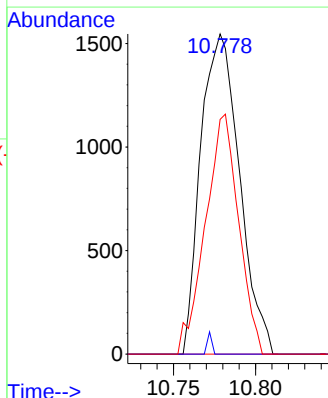
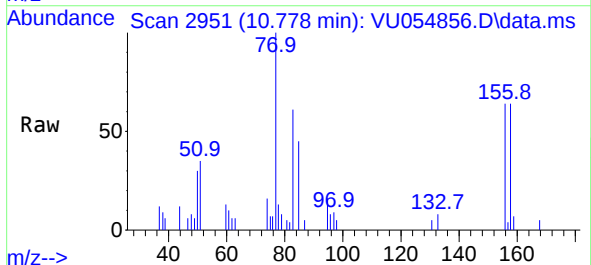
Instrument : MSVOA_U
ClientSampleId : LOQ-WATER-02-QT3-2023

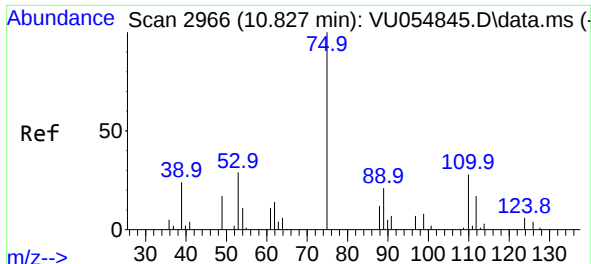
Tgt Ion:105 Resp: 12397
Ion Ratio Lower Upper
105 100
120 26.2 12.6 37.6



#70
1,1,2,2-Tetrachloroethane
Concen: 0.458 ug/l
RT: 10.778 min Scan# 2951
Delta R.T. 0.000 min
Lab File: VU054856.D
Acq: 24 Jul 2023 13:25

Tgt Ion: 83 Resp: 2536
Ion Ratio Lower Upper
83 100
131 0.8 7.5 11.3#
85 64.2 53.0 79.6

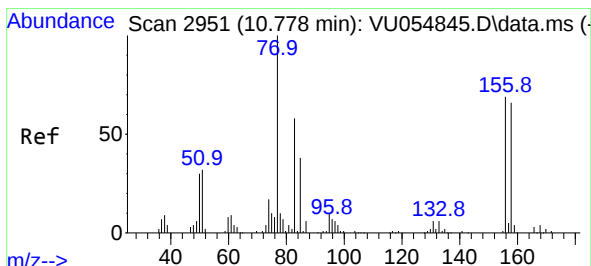
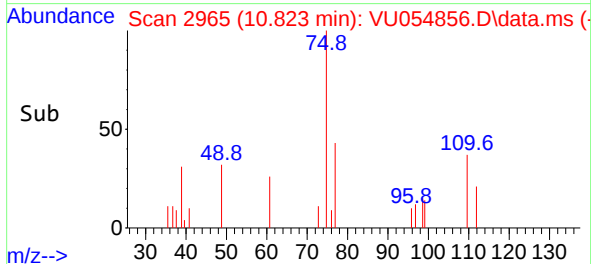
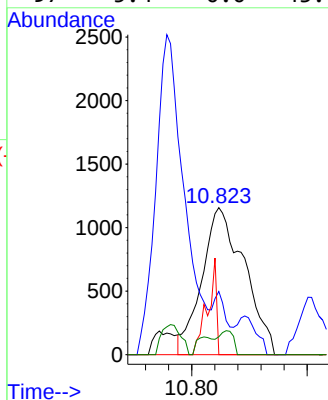
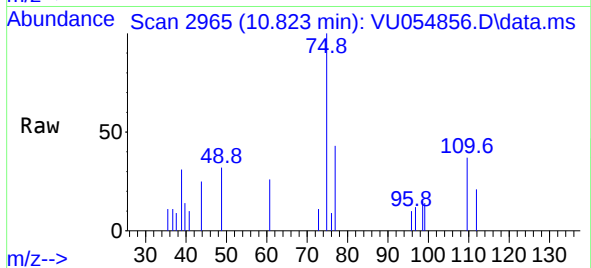




#71
1,2,3-Trichloropropane
Concen: 0.757 ug/l
RT: 10.823 min Scan# 2966
Delta R.T. -0.003 min
Lab File: VU054856.D
Acq: 24 Jul 2023 13:25

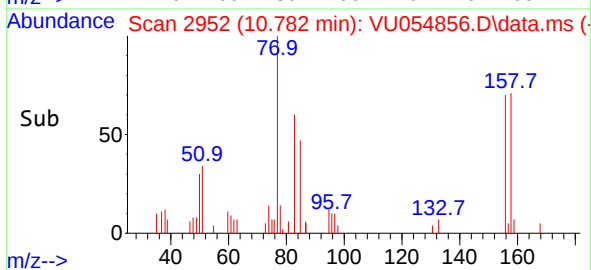
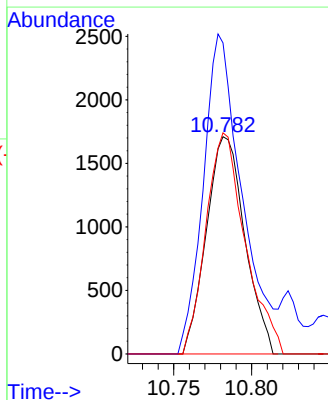
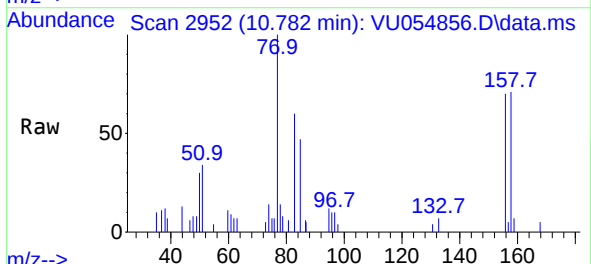
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT3-2023

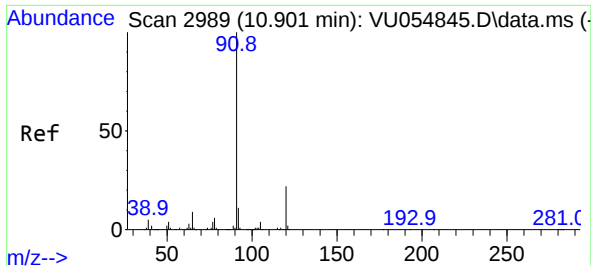
Tgt Ion:	75	Resp:	2954
Ion	Ratio	Lower	Upper
75	100		
77	13.4	0.0	0.0#
110	13.8	0.0	80.8
97	5.4	0.0	43.4



#72
Bromobenzene
Concen: 0.433 ug/l
RT: 10.782 min Scan# 2952
Delta R.T. 0.003 min
Lab File: VU054856.D
Acq: 24 Jul 2023 13:25

Tgt Ion:	156	Resp:	2930
Ion	Ratio	Lower	Upper
156	100		
77	148.8	0.0	293.2
158	103.9	0.0	189.8

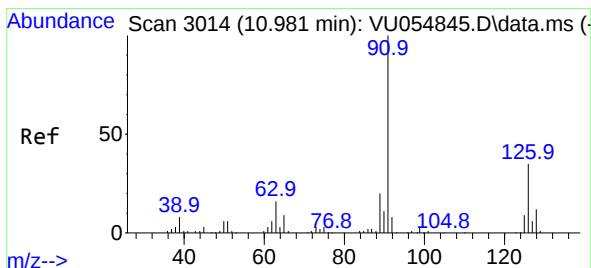
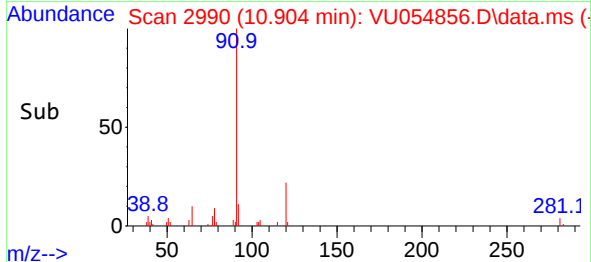
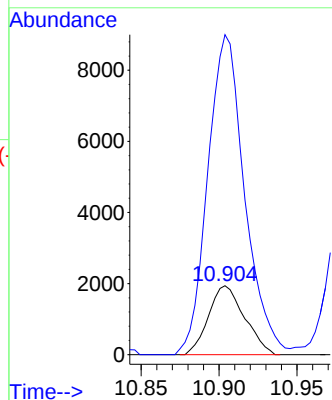
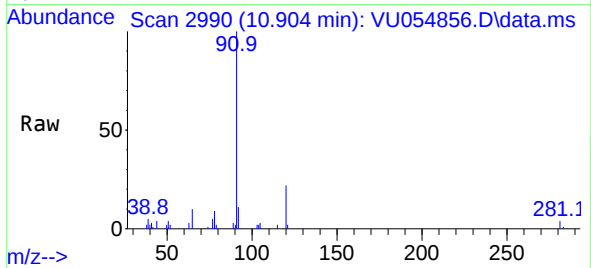




#73
n-propylbenzene
Concen: 0.396 ug/l
RT: 10.904 min Scan# 2989
Delta R.T. 0.003 min
Lab File: VU054856.D
Acq: 24 Jul 2023 13:25

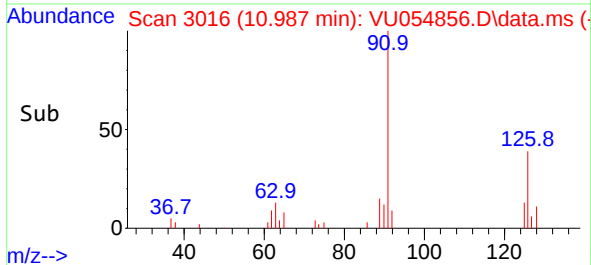
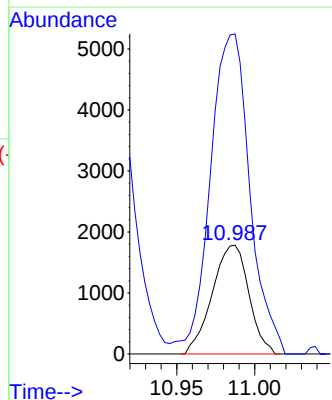
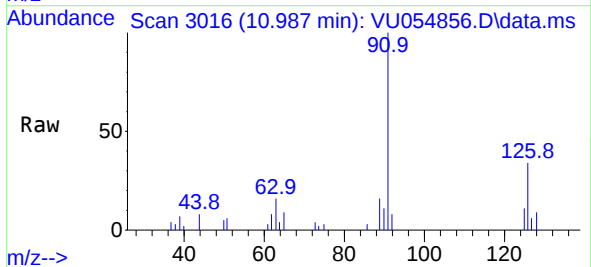
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT3-2023

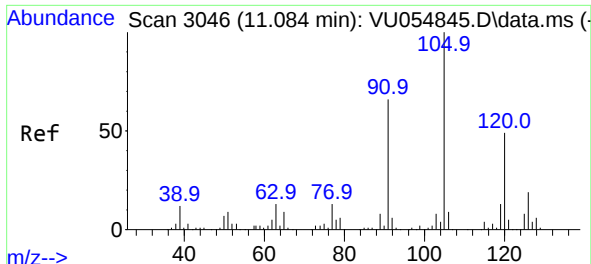
Tgt Ion:120 Resp: 3123
Ion Ratio Lower Upper
120 100
91 474.9 361.8 542.6



#74
2-Chlorotoluene
Concen: 0.424 ug/l
RT: 10.987 min Scan# 3016
Delta R.T. 0.006 min
Lab File: VU054856.D
Acq: 24 Jul 2023 13:25

Tgt Ion:126 Resp: 2910
Ion Ratio Lower Upper
126 100
91 316.6 0.0 561.4

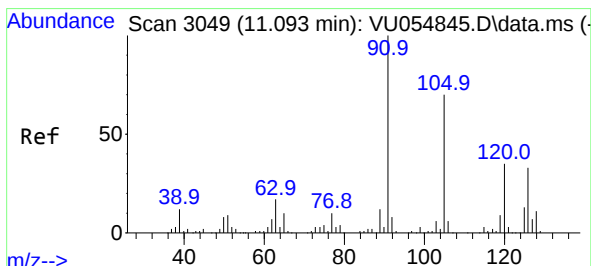
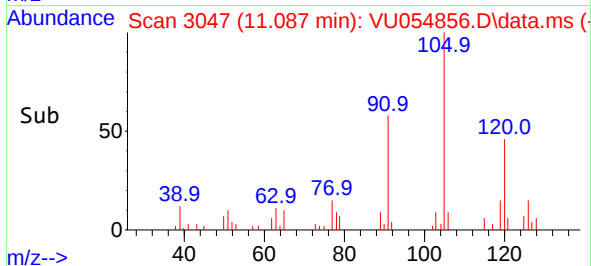
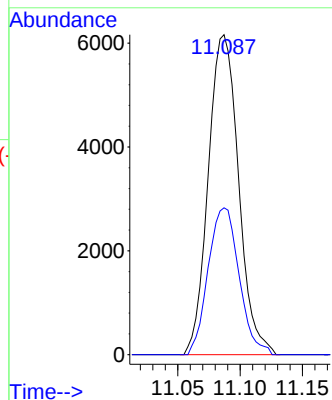
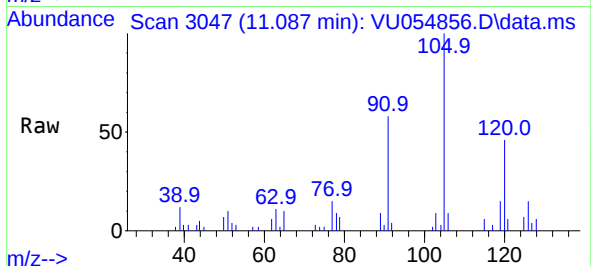




#75
1,3,5-Trimethylbenzene
Concen: 0.436 ug/l
RT: 11.087 min Scan# 3046
Delta R.T. 0.003 min
Lab File: VU054856.D
Acq: 24 Jul 2023 13:25

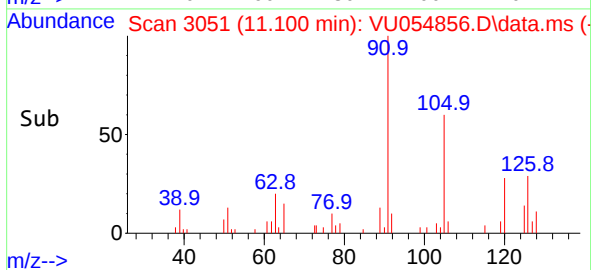
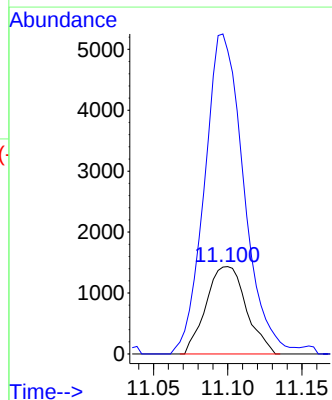
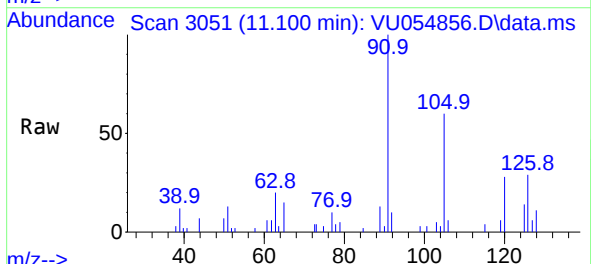
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT3-2023

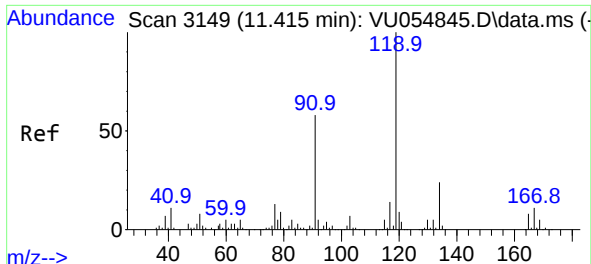
Tgt Ion:105 Resp: 10435
Ion Ratio Lower Upper
105 100
120 46.8 39.0 58.4



#76
4-Chlorotoluene
Concen: 0.381 ug/l
RT: 11.100 min Scan# 3051
Delta R.T. 0.006 min
Lab File: VU054856.D
Acq: 24 Jul 2023 13:25

Tgt Ion:126 Resp: 2692
Ion Ratio Lower Upper
126 100
91 359.4 0.0 623.4

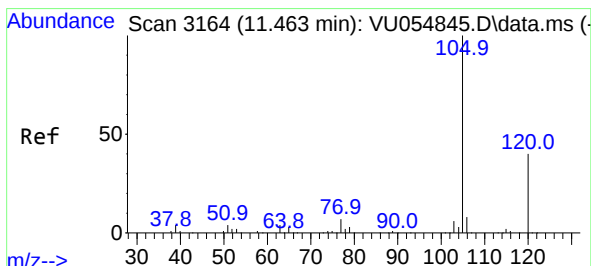
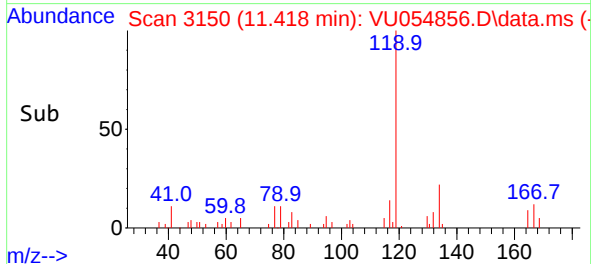
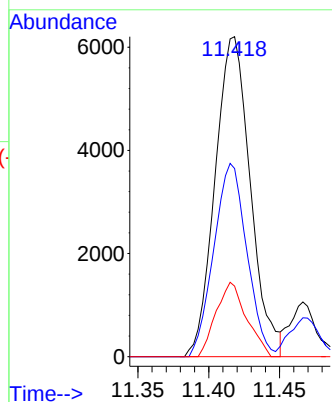
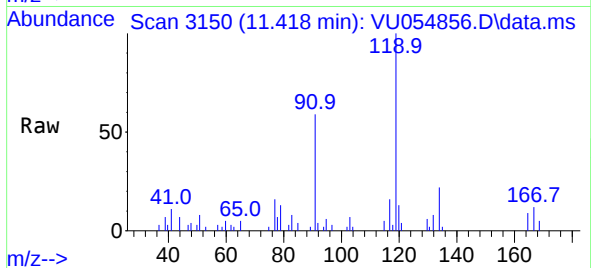




#77
tert-Butylbenzene
Concen: 0.437 ug/l
RT: 11.418 min Scan# 3149
Delta R.T. 0.003 min
Lab File: VU054856.D
Acq: 24 Jul 2023 13:25

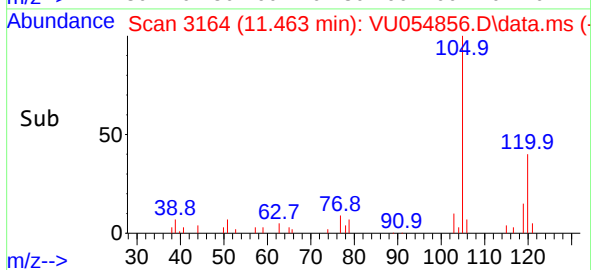
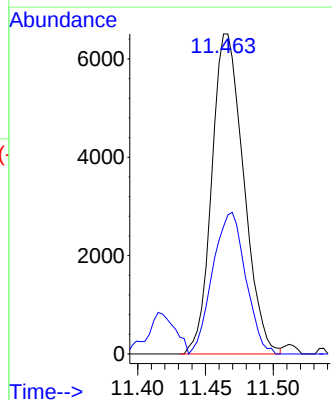
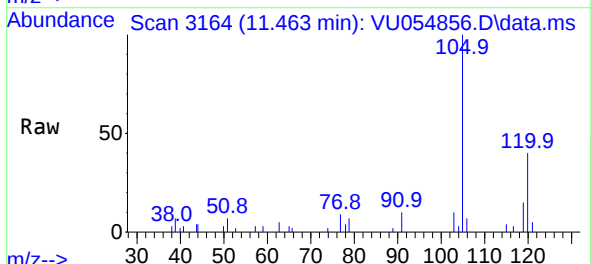
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT3-2023

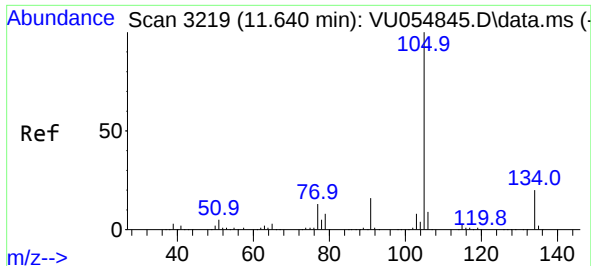
Tgt Ion:	119	Resp:	10752
Ion	Ratio	Lower	Upper
119	100		
91	56.6	27.7	83.1
134	20.1	18.6	27.8



#78
1,2,4-Trimethylbenzene
Concen: 0.442 ug/l
RT: 11.463 min Scan# 3164
Delta R.T. 0.000 min
Lab File: VU054856.D
Acq: 24 Jul 2023 13:25

Tgt Ion:	105	Resp:	10640
Ion	Ratio	Lower	Upper
105	100		
120	45.7	22.4	67.3

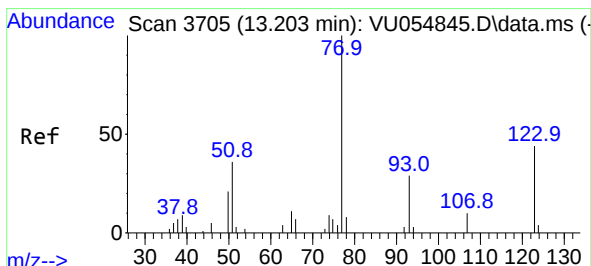
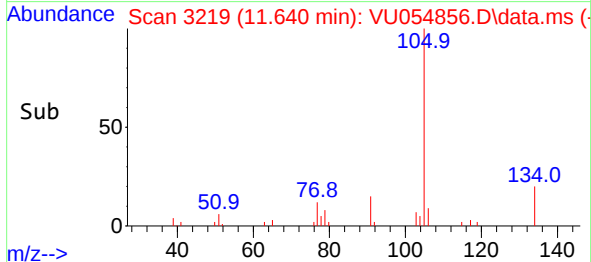
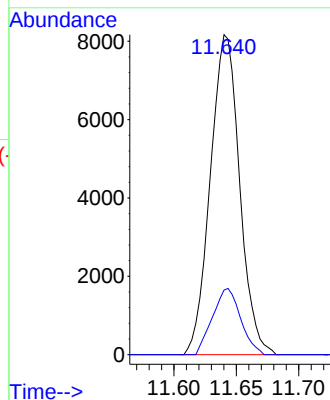
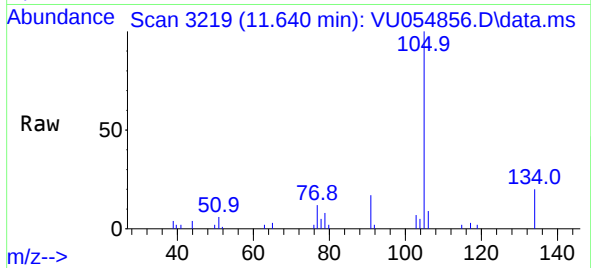




#79
sec-Butylbenzene
Concen: 0.418 ug/l
RT: 11.640 min Scan# 3111
Delta R.T. 0.000 min
Lab File: VU054856.D
Acq: 24 Jul 2023 13:25

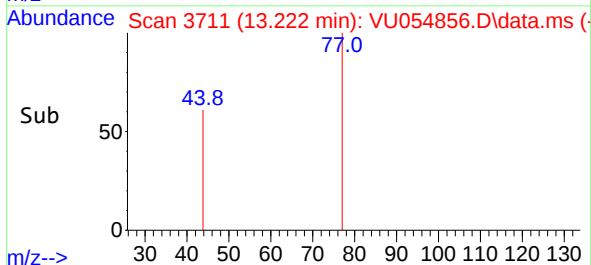
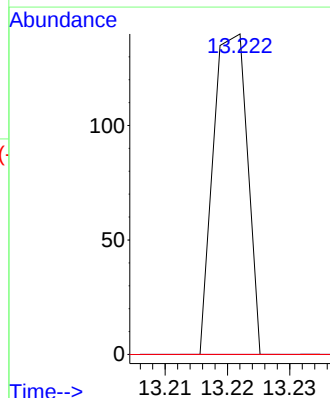
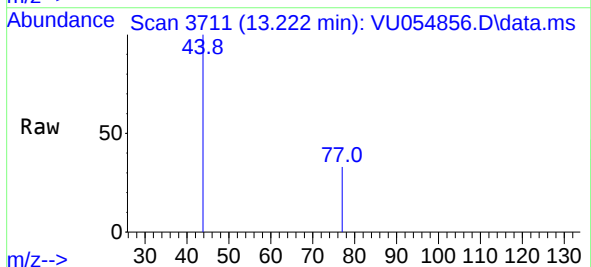
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT3-2023

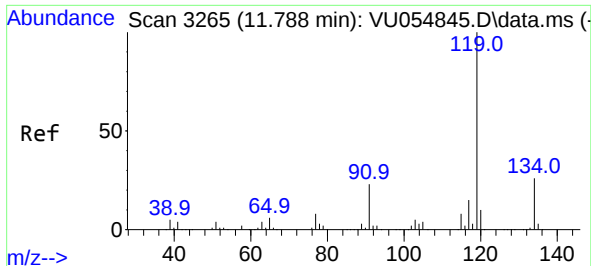
Tgt Ion:105 Resp: 13370
Ion Ratio Lower Upper
105 100
134 19.9 15.7 23.5



#80
Nitrobenzene
Concen: 3.316 ug/l
RT: 13.222 min Scan# 3711
Delta R.T. 0.019 min
Lab File: VU054856.D
Acq: 24 Jul 2023 13:25

Tgt Ion: 77 Resp: 53
Ion Ratio Lower Upper
77 100
123 0.0 20.2 71.8#
65 0.0 11.7 14.9#

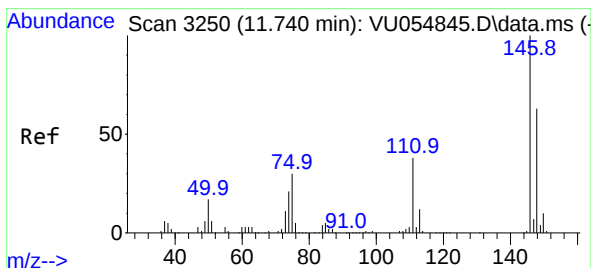
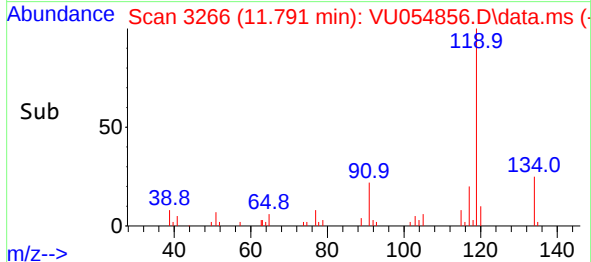
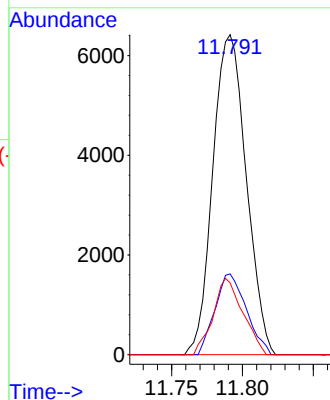
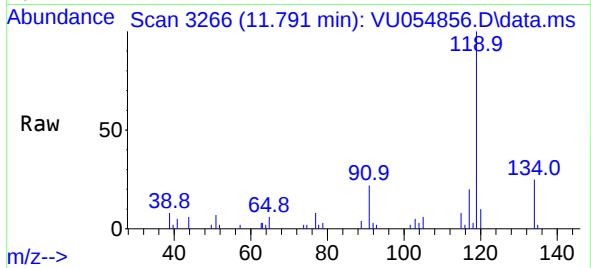




#81
p-Isopropyltoluene
Concen: 0.405 ug/l
RT: 11.791 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU054856.D
Acq: 24 Jul 2023 13:25

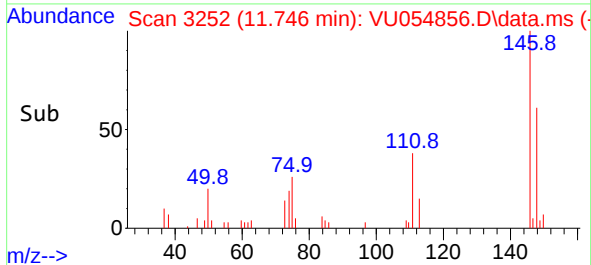
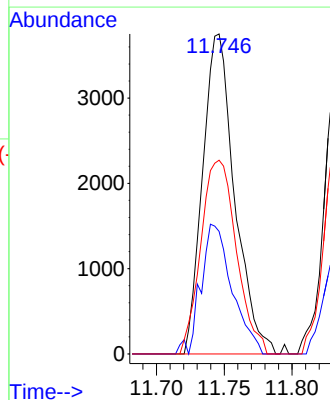
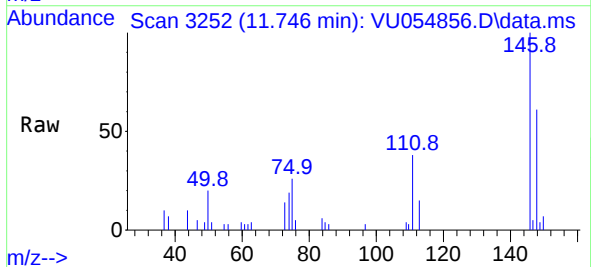
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT3-2023

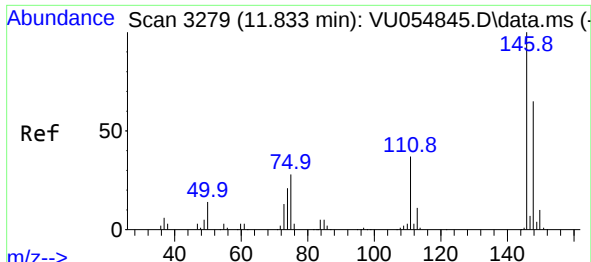
Tgt Ion:	119	Resp:	10534
Ion Ratio	Lower	Upper	
119	100		
134	23.7	20.6	31.0
91	21.2	18.2	27.4



#82
1,3-Dichlorobenzene
Concen: 0.454 ug/l
RT: 11.746 min Scan# 3252
Delta R.T. 0.006 min
Lab File: VU054856.D
Acq: 24 Jul 2023 13:25

Tgt Ion:	146	Resp:	6157
Ion Ratio	Lower	Upper	
146	100		
111	39.4	30.5	45.7
148	67.2	51.0	76.6

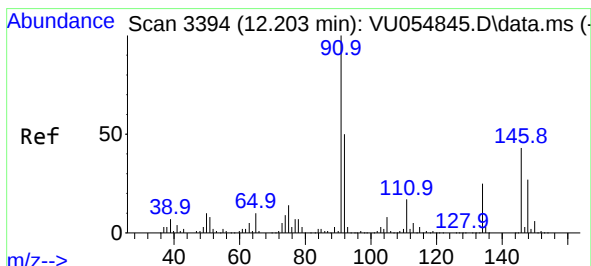
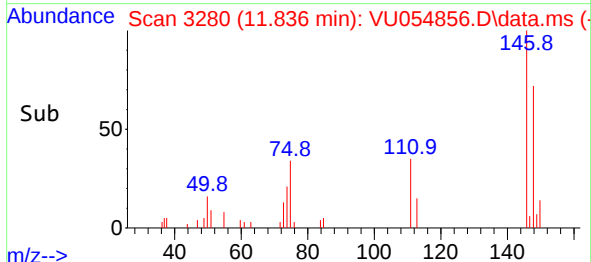
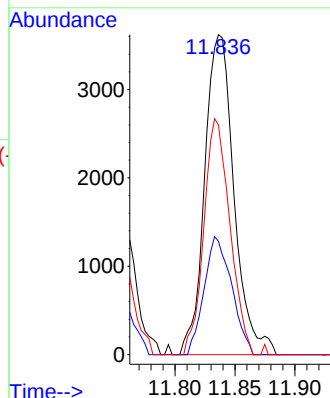
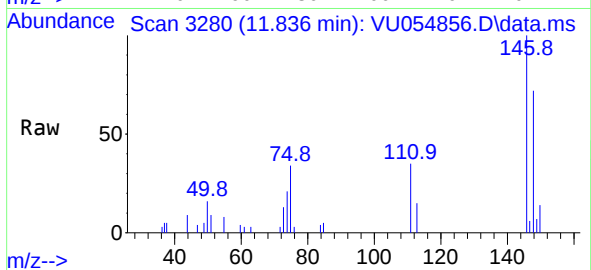




#83
1,4-Dichlorobenzene
Concen: 0.454 ug/l
RT: 11.836 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU054856.D
Acq: 24 Jul 2023 13:25

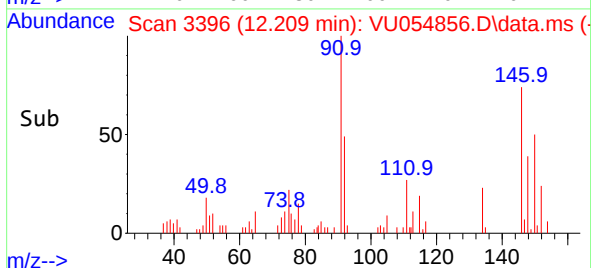
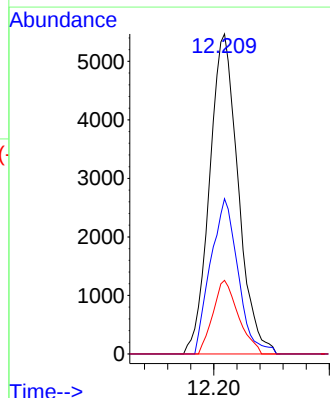
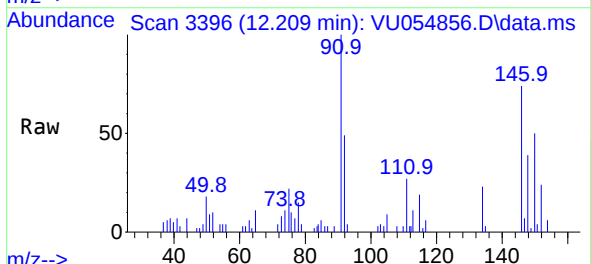
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT3-2023

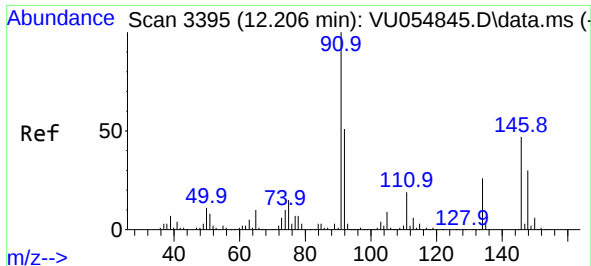
Tgt Ion:146 Resp: 6168
Ion Ratio Lower Upper
146 100
111 34.5 29.5 44.3
148 65.5 51.2 76.8



#84
n-Butylbenzene
Concen: 0.392 ug/l
RT: 12.209 min Scan# 3396
Delta R.T. 0.006 min
Lab File: VU054856.D
Acq: 24 Jul 2023 13:25

Tgt Ion: 91 Resp: 9396
Ion Ratio Lower Upper
91 100
92 46.7 39.8 59.8
134 20.4 20.2 30.4

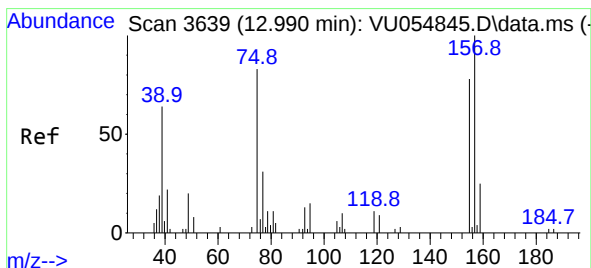
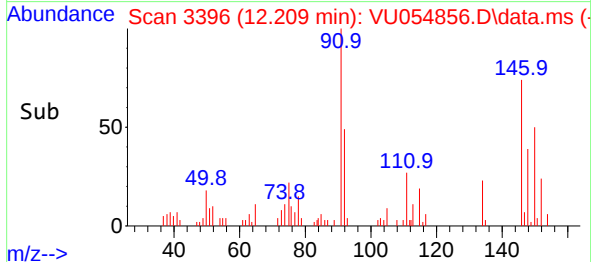
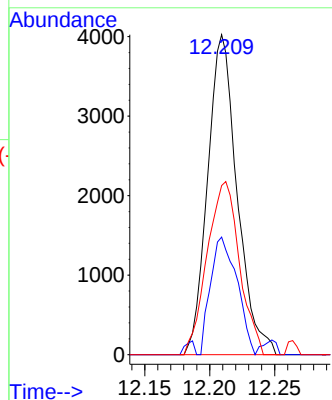
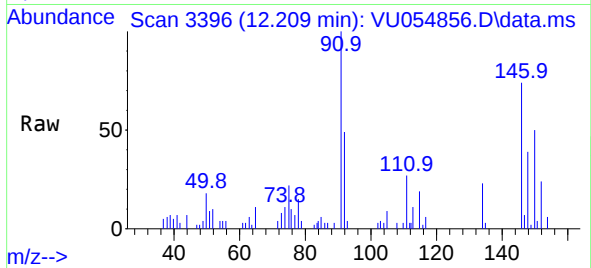




#85
1,2-Dichlorobenzene
Concen: 0.493 ug/l
RT: 12.209 min Scan# 311
Delta R.T. 0.003 min
Lab File: VU054856.D
Acq: 24 Jul 2023 13:25

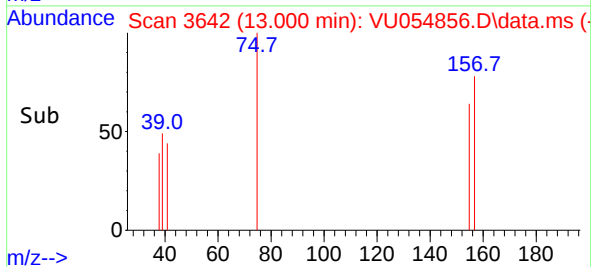
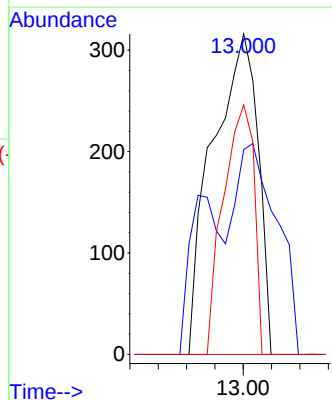
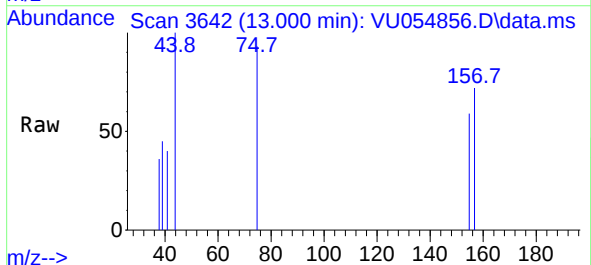
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT3-2023

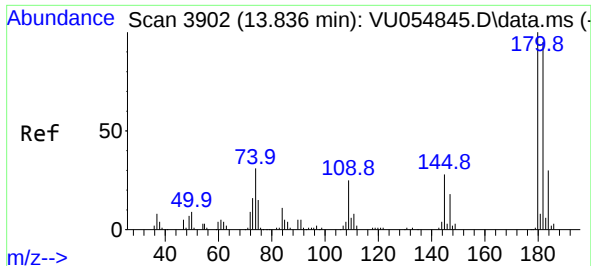
Tgt Ion:146 Resp: 6360
Ion Ratio Lower Upper
146 100
111 33.0 19.8 59.4
148 59.2 31.8 95.3



#86
1,2-Dibromo-3-Chloropropane
Concen: 0.618 ug/l
RT: 13.000 min Scan# 3642
Delta R.T. 0.010 min
Lab File: VU054856.D
Acq: 24 Jul 2023 13:25

Tgt Ion: 75 Resp: 351
Ion Ratio Lower Upper
75 100
155 60.7 74.8 112.2#
157 52.7 97.4 146.0#

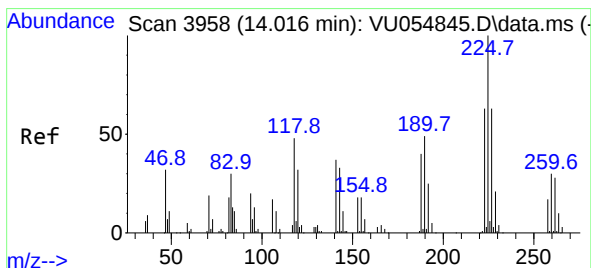
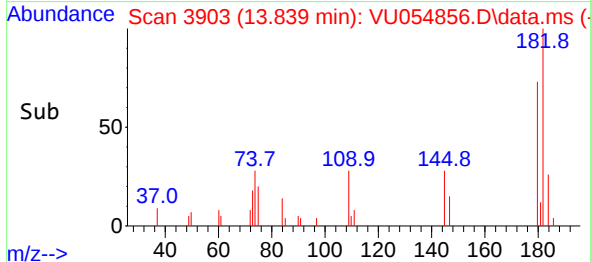
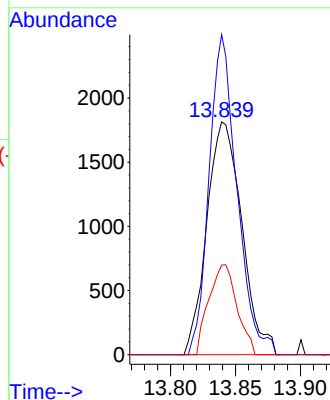
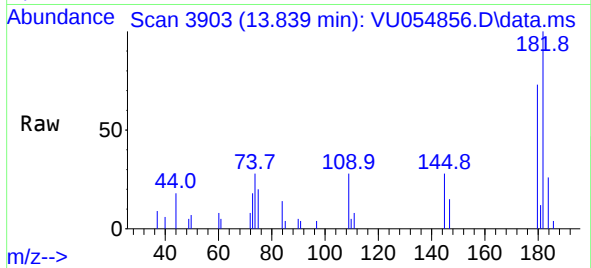




#87
1,2,4-Trichlorobenzene
Concen: 0.410 ug/l
RT: 13.839 min Scan# 3902
Delta R.T. 0.003 min
Lab File: VU054856.D
Acq: 24 Jul 2023 13:25

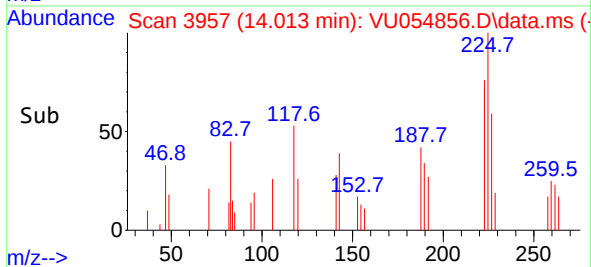
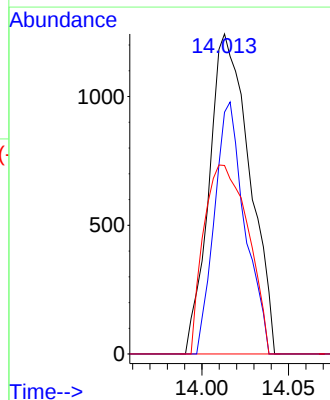
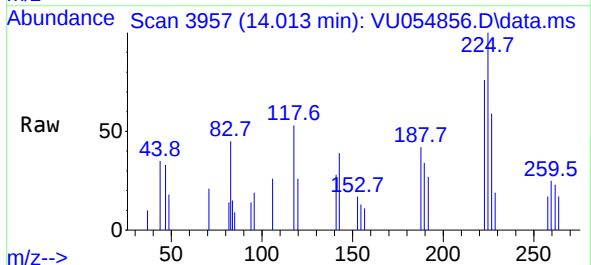
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT3-2023

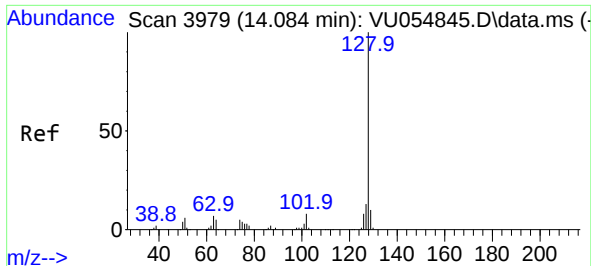
Tgt Ion:180 Resp: 3395
Ion Ratio Lower Upper
180 100
182 109.1 77.0 115.6
145 31.1 23.4 35.0



#88
Hexachlorobutadiene
Concen: 0.457 ug/l
RT: 14.013 min Scan# 3957
Delta R.T. -0.003 min
Lab File: VU054856.D
Acq: 24 Jul 2023 13:25

Tgt Ion:225 Resp: 2022
Ion Ratio Lower Upper
225 100
223 59.2 50.6 76.0
227 64.5 50.7 76.1

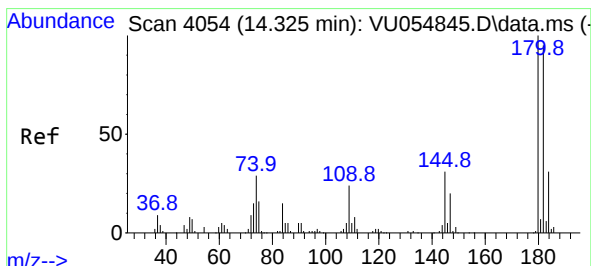
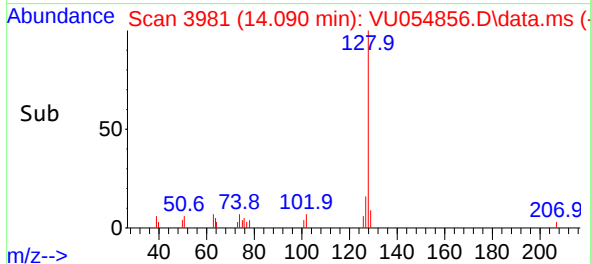
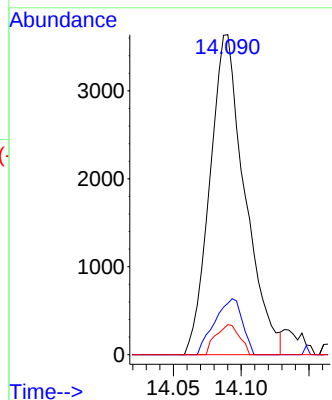
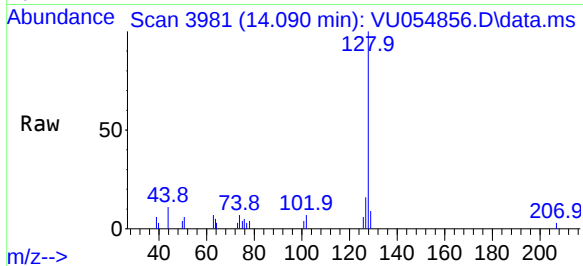




#89
Naphthalene
Concen: 0.488 ug/l
RT: 14.090 min Scan# 3979
Delta R.T. 0.006 min
Lab File: VU054856.D
Acq: 24 Jul 2023 13:25

Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT3-2023

Tgt Ion:	128	Resp:	6529
Ion	Ratio	Lower	Upper
128	100		
127	13.8	10.6	15.8
129	6.4	8.7	13.1



#90
1,2,3-Trichlorobenzene
Concen: 0.484 ug/l
RT: 14.328 min Scan# 4055
Delta R.T. 0.003 min
Lab File: VU054856.D
Acq: 24 Jul 2023 13:25

Tgt Ion:	180	Resp:	3465
Ion	Ratio	Lower	Upper
180	100		
182	92.1	76.0	114.0
145	32.2	24.3	36.5

