

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082522\
 Data File : VU050446.D
 Acq On : 25 Aug 2022 17:21
 Operator : SY/MD
 Sample : N3980-08 1.0PPB
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Aug 26 06:38:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U081922DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Aug 25 14:01:59 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.108	96	31630	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.636	95	9894	0.919	ug/l	0.00
Spiked Amount 1.000			Recovery	=	92.000%	
68) 1,2-Dichlorobenzene-d4	12.195	152	12465	0.979	ug/l	0.00
Spiked Amount 1.000			Recovery	=	98.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	12470	0.952	ug/l	94
3) Chloromethane	1.520	50	16893	1.060	ug/l	98
4) Vinyl Chloride	1.604	62	12792	0.939	ug/l	99
5) Bromomethane	1.855	94	6060	1.088	ug/l	96
6) Chloroethane	1.932	64	8504	1.033	ug/l	96
7) Trichlorofluoromethane	2.137	101	16555	0.974	ug/l	99
8) 1,1,2-Trichloro-1,2,2-...	2.581	101	9898	1.042	ug/l	93
9) 1,1-Dichloroethene	2.578	96	9300	0.998	ug/l	94
10) Iodomethane	2.719	142	4789	0.623	ug/l	95
11) Allyl Chloride	2.919	41	15332	1.068	ug/l	96
12) Acrylonitrile	3.321	53	5862	2.098	ug/l	95
13) Acetone	2.633	43	10182	5.211	ug/l	99
14) Carbon Disulfide	2.790	76	27209	0.943	ug/l	99
15) Methylene Chloride	3.044	84	15767	1.251	ug/l	93
16) trans-1,2-Dichloroethene	3.346	96	9991	1.038	ug/l	86
17) 1,1-Dichloroethane	3.867	63	21351	1.065	ug/l	99
18) 2-Butanone	4.735	43	17528	5.703	ug/l	98
19) Cyclohexane	5.372	56	14035	0.964	ug/l	# 87
20) Methylcyclohexane	6.751	83	9506	0.829	ug/l	93
21) 2,2-Dichloropropane	4.661	77	14631	0.960	ug/l	97
22) cis-1,2-Dichloroethene	4.665	96	11175	1.026	ug/l	89
23) Diethyl Ether	2.379	59	8506	1.063	ug/l	98
24) tert-Butyl Alcohol	3.195	59	9420	9.301	ug/l	# 82
25) Methyl tert-Butyl Ether	3.372	73	25240	1.020	ug/l	96
26) Bromochloromethane	4.973	128	5459	1.249	ug/l	94
27) Chloroform	5.086	83	21107	1.086	ug/l	96
28) 1,1,1-Trichloroethane	5.308	97	15938	0.961	ug/l	95
29) 1,1-Dichloropropene	5.517	75	14498	1.091	ug/l	93
30) Carbon Tetrachloride	5.510	117	12580	0.948	ug/l	98
31) Isopropyl Ether	4.002	45	35877	1.153	ug/l	98
32) Ethyl-t-butyl ether	4.523	59	25000	1.023	ug/l	100
33) Tert-Amyl methyl ether	5.954	73	15202	0.954	ug/l	96
34) Propionitrile	4.797	54	5164	5.688	ug/l	# 93
35) Benzene	5.768	78	44631	1.143	ug/l	100
36) 1,2-Dichloroethane	5.796	62	13438	1.127	ug/l	98
37) Trichloroethene	6.539	130	8873	0.948	ug/l	98
38) 1,2-Dichloropropane	6.796	63	10226	0.976	ug/l	97
39) Methacrylonitrile	4.989	41	4621	1.241	ug/l	95
40) Methyl acrylate	4.861	55	7631	1.345	ug/l	# 96
41) Tetrahydrofuran	5.076	42	5375	2.882	ug/l	# 88
42) 1-Chlorobutane	5.452	56	19056	1.008	ug/l	99
43) Dibromomethane	6.919	93	5634	0.997	ug/l	95
44) Bromodichloromethane	7.108	83	13774	1.033	ug/l	98

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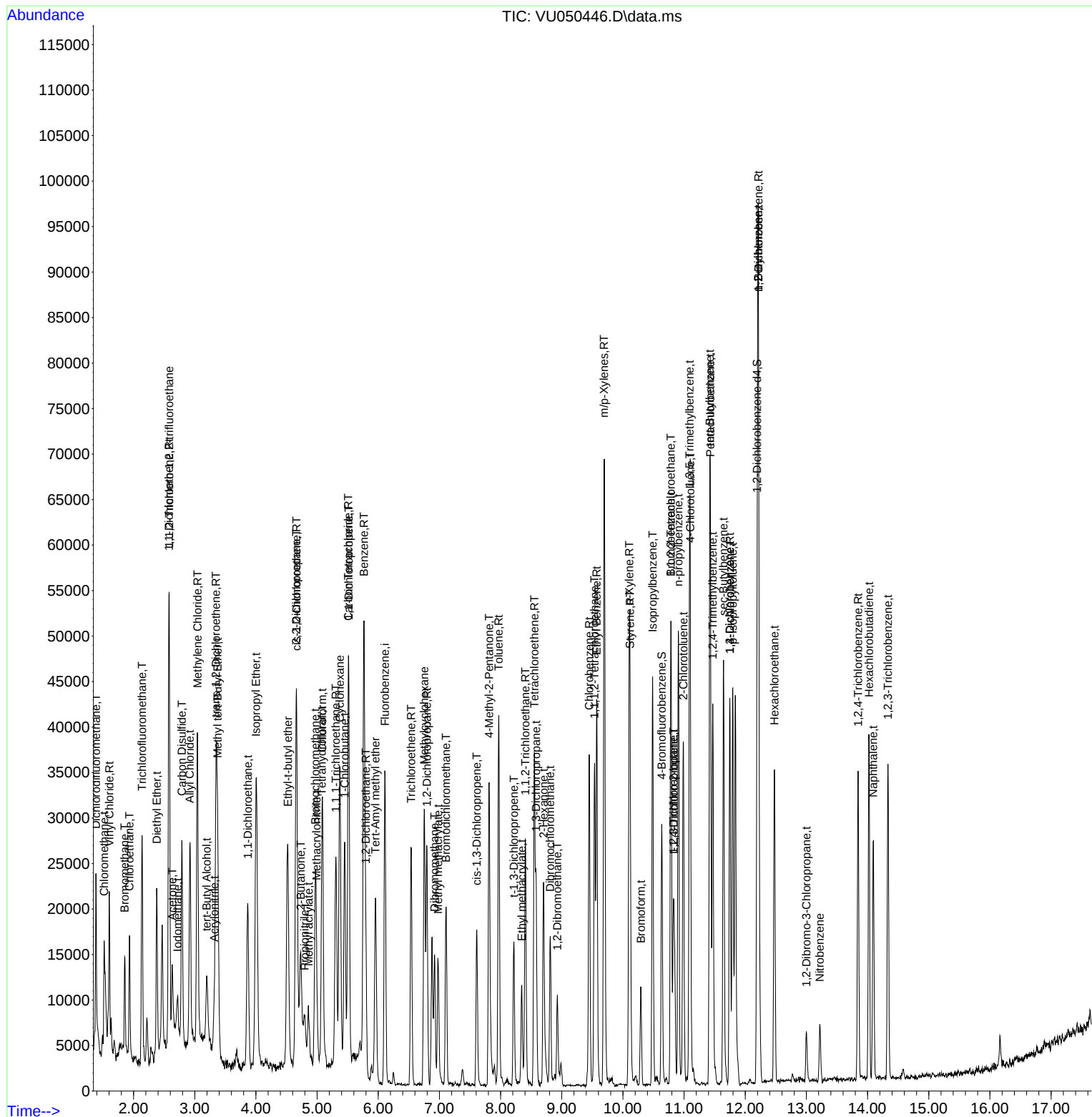
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.812	43	24278	4.281	ug/l	97
46) t-1,4-Dichloro-2-butene	10.828	75	10612	3.575	ug/l #	41
47) Methyl methacrylate	6.976	69	7393	2.340	ug/l	89
48) Ethyl methacrylate	8.346	69	6326	1.177	ug/l	88
49) Toluene	7.970	92	17065	0.813	ug/l	93
50) t-1,3-Dichloropropene	8.218	75	8958	0.863	ug/l #	83
51) cis-1,3-Dichloropropene	7.610	75	10937	0.920	ug/l	92
52) 1,1,2-Trichloroethane	8.404	97	8793	1.059	ug/l	97
53) 1,3-Dichloropropane	8.581	76	13116	1.003	ug/l	97
54) 2-Hexanone	8.703	43	16487	4.175	ug/l	92
55) Dibromochloromethane	8.812	129	9111	0.997	ug/l	100
56) 1,2-Dibromoethane	8.928	107	6955	0.933	ug/l	97
58) Tetrachloroethene	8.552	164	8090	0.918	ug/l	96
59) Chlorobenzene	9.449	112	20897	0.923	ug/l	91
60) 1,1,1,2-Tetrachloroethane	9.536	131	9448	0.993	ug/l	96
61) Pentachloroethane	11.430	117	8116	1.025	ug/l	92
62) Hexachloroethane	12.478	117	6947	1.055	ug/l	92
63) Ethyl Benzene	9.571	91	29361	1.174	ug/l	99
64) m/p-Xylenes	9.693	106	21466	2.201	ug/l	91
65) o-Xylene	10.102	106	10606	1.106	ug/l	98
66) Styrene	10.118	104	15523	1.084	ug/l	95
67) Bromoform	10.295	173	4992	0.962	ug/l #	97
69) Isopropylbenzene	10.484	105	27179	1.142	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.783	83	11431	1.000	ug/l	99
71) 1,2,3-Trichloropropane	10.828	75	10612	1.235	ug/l #	54
72) Bromobenzene	10.783	156	8678	0.888	ug/l	92
73) n-propylbenzene	10.906	120	7771	1.177	ug/l	90
74) 2-Chlorotoluene	10.989	126	7800	1.052	ug/l	88
75) 1,3,5-Trimethylbenzene	11.089	105	21699	1.038	ug/l	97
76) 4-Chlorotoluene	11.102	126	7246	0.990	ug/l	79
77) tert-Butylbenzene	11.420	119	24889	1.122	ug/l	94
78) 1,2,4-Trimethylbenzene	11.468	105	23021	1.084	ug/l	95
79) sec-Butylbenzene	11.645	105	30000	1.099	ug/l	100
80) Nitrobenzene	13.217	77	4027	6.496	ug/l	97
81) p-Isopropyltoluene	11.793	119	23587	1.131	ug/l	98
82) 1,3-Dichlorobenzene	11.748	146	19618	0.975	ug/l	98
83) 1,4-Dichlorobenzene	11.748	146	19618	0.981	ug/l	98
84) n-Butylbenzene	12.211	91	24073	1.175	ug/l	96
85) 1,2-Dichlorobenzene	12.214	146	19077	0.964	ug/l	100
86) 1,2-Dibromo-3-Chloropr...	12.999	75	1700	0.943	ug/l	95
87) 1,2,4-Trichlorobenzene	13.844	180	11003	0.975	ug/l	98
88) Hexachlorobutadiene	14.024	225	6934	0.944	ug/l	97
89) Naphthalene	14.092	128	22951	1.638	ug/l	98
90) 1,2,3-Trichlorobenzene	14.333	180	11639	1.251	ug/l	98

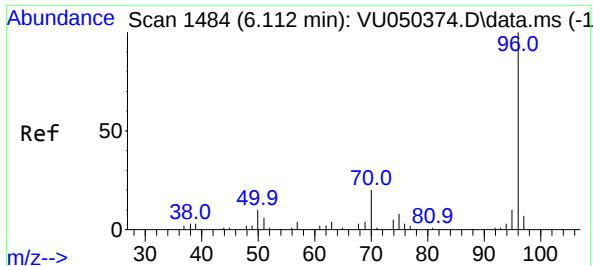
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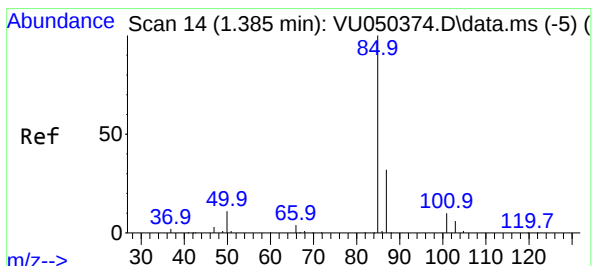
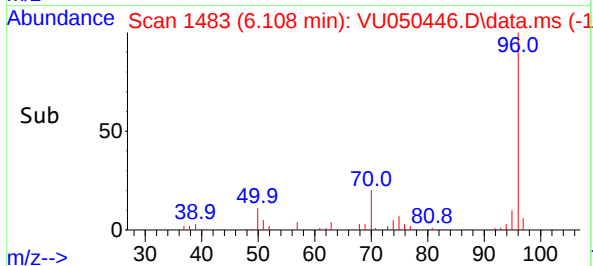
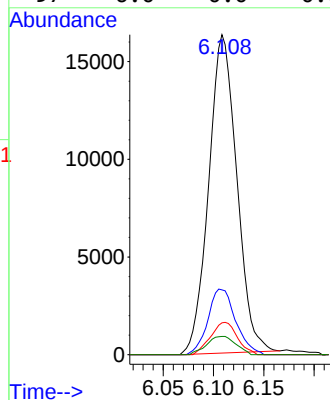
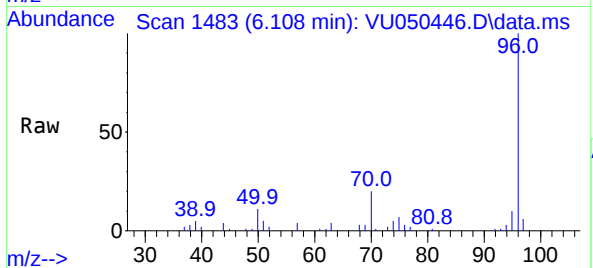




#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.108 min Scan# 14
Delta R.T. -0.007 min
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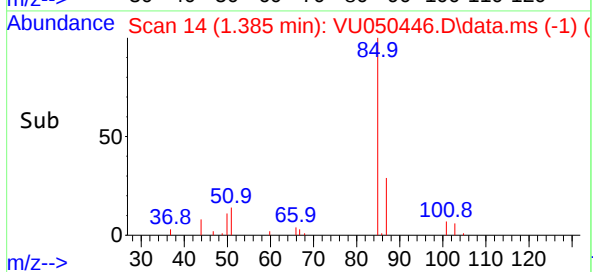
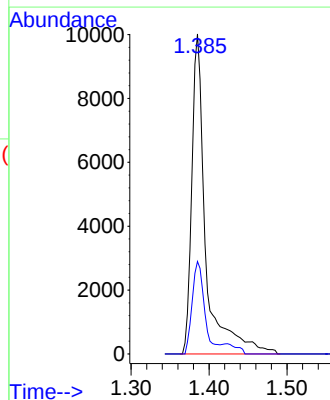
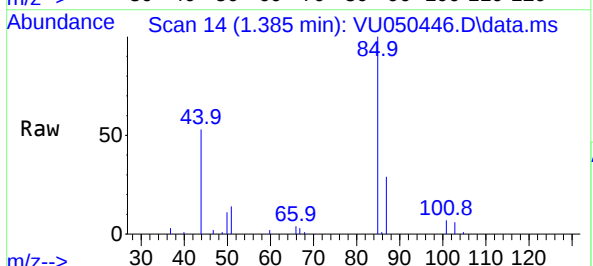
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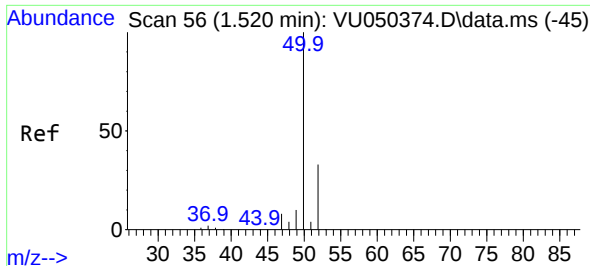
Tgt Ion:	96	Resp:	31630
Ion	Ratio	Lower	Upper
96	100		
70	20.4	16.7	25.1
95	9.7	7.4	11.0
97	6.0	0.0	0.0



#2
Dichlorodifluoromethane
Concen: 0.952 ug/l
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU050446.D
Acq: 25 Aug 2022 17:21

Tgt Ion:	85	Resp:	12470
Ion	Ratio	Lower	Upper
85	100		
87	28.9	16.3	48.8

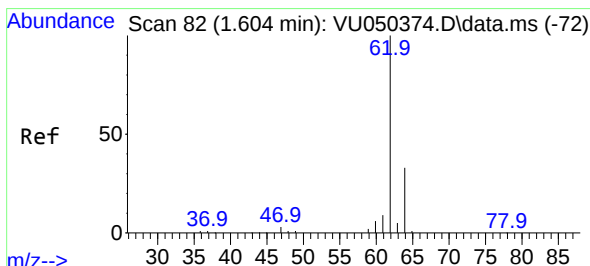
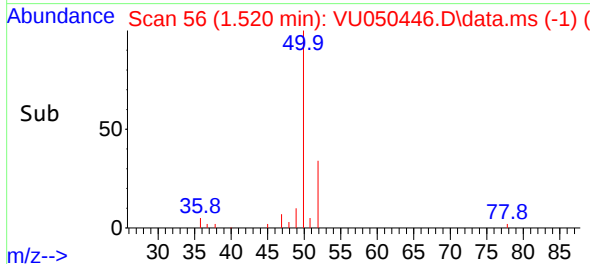
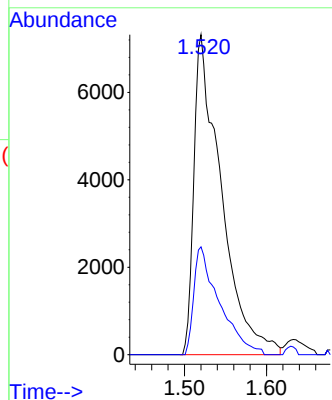
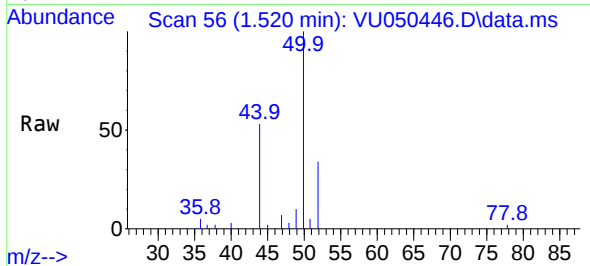




#3
Chloromethane
Concen: 1.060 ug/l
RT: 1.520 min Scan# 50
Delta R.T. 0.000 min
Lab File: VU050446.D
Acq: 25 Aug 2022 17:21

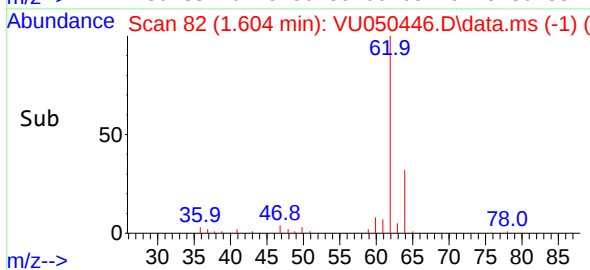
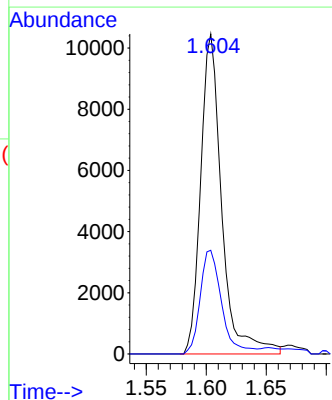
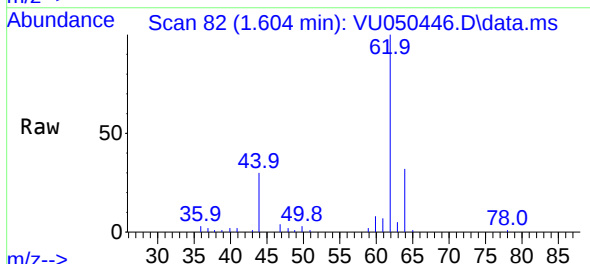
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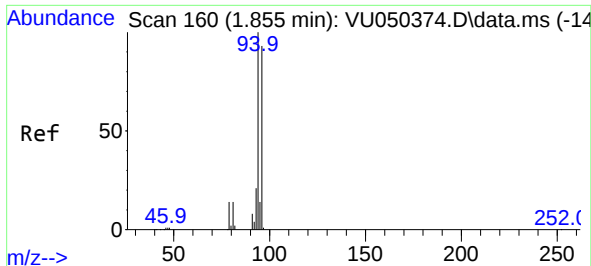
Tgt Ion: 50 Resp: 16893
Ion Ratio Lower Upper
50 100
52 33.7 26.1 39.1



#4
Vinyl Chloride
Concen: 0.939 ug/l
RT: 1.604 min Scan# 82
Delta R.T. 0.000 min
Lab File: VU050446.D
Acq: 25 Aug 2022 17:21

Tgt Ion: 62 Resp: 12792
Ion Ratio Lower Upper
62 100
64 32.4 25.5 38.3

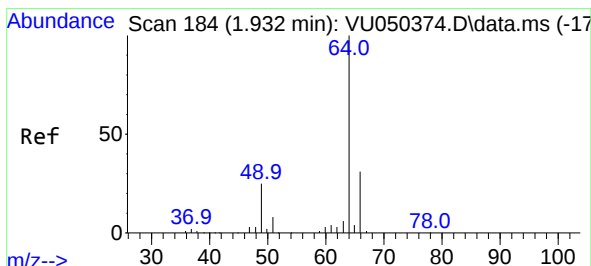
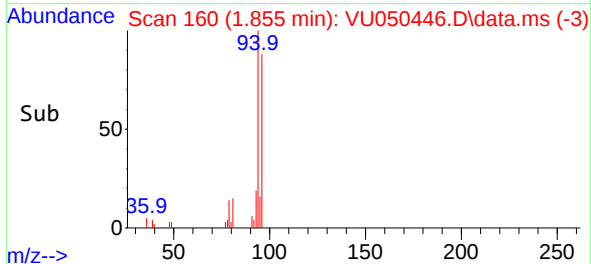
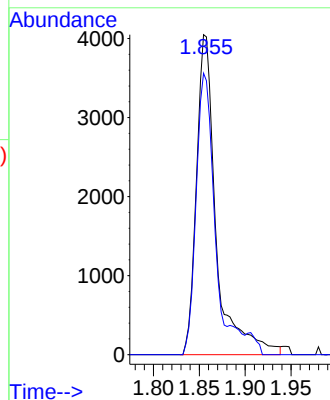
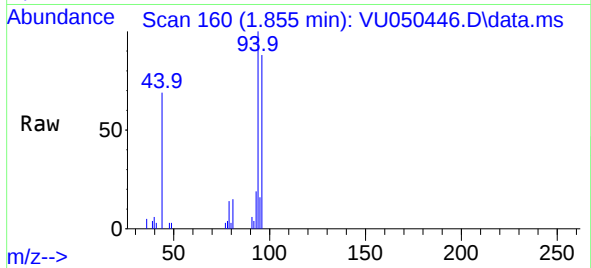




#5
Bromomethane
Concen: 1.088 ug/l
RT: 1.855 min Scan# 160
Delta R.T. 0.003 min
Lab File: VU050446.D
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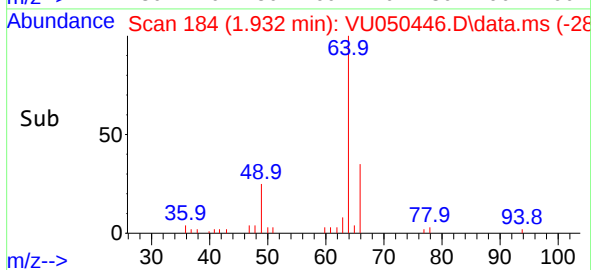
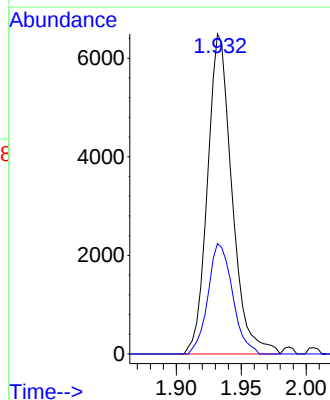
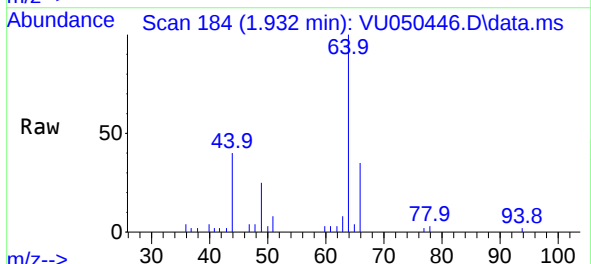
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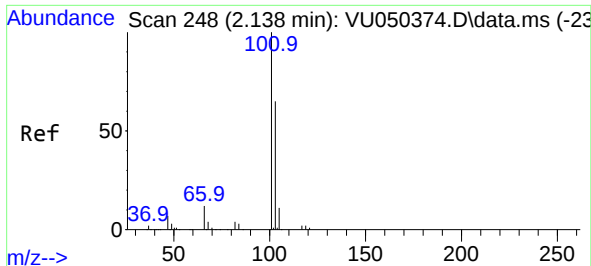
Tgt Ion: 94 Resp: 6060
Ion Ratio Lower Upper
94 100
96 88.0 73.0 109.6



#6
Chloroethane
Concen: 1.033 ug/l
RT: 1.932 min Scan# 184
Delta R.T. 0.000 min
Lab File: VU050446.D
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Tgt Ion: 64 Resp: 8504
Ion Ratio Lower Upper
64 100
66 34.5 25.8 38.6

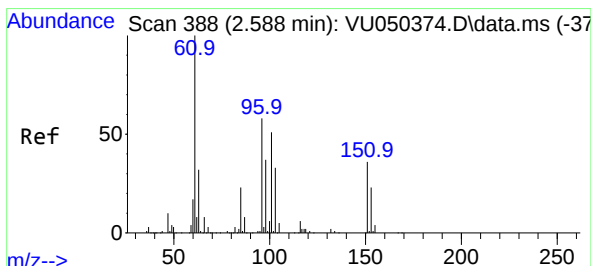
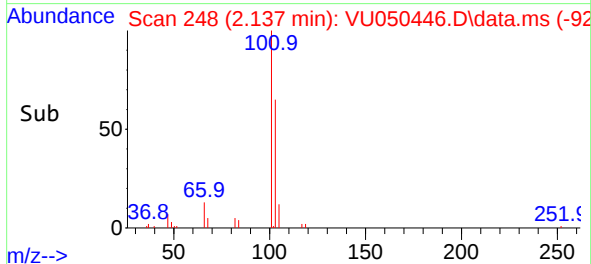
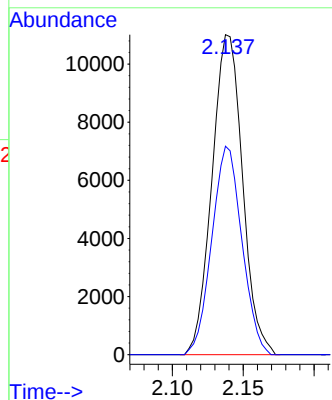
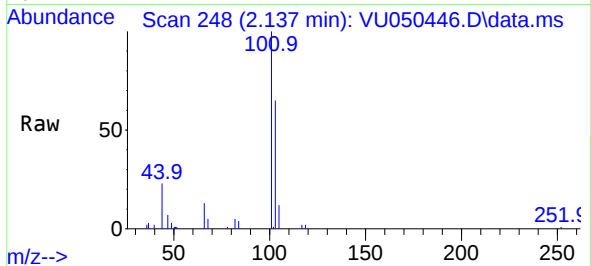




#7
 Trichlorofluoromethane
 Concen: 0.974 ug/l
 RT: 2.137 min Scan# 248
 Delta R.T. 0.000 min
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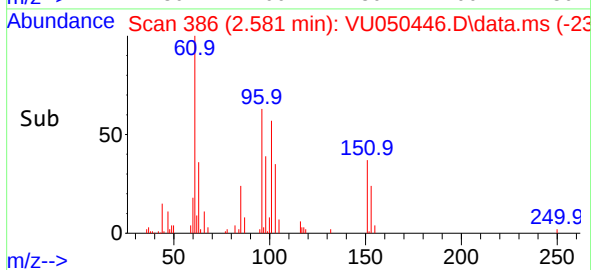
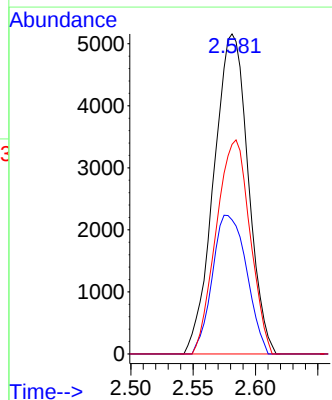
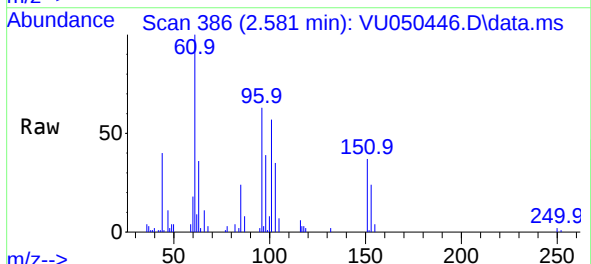
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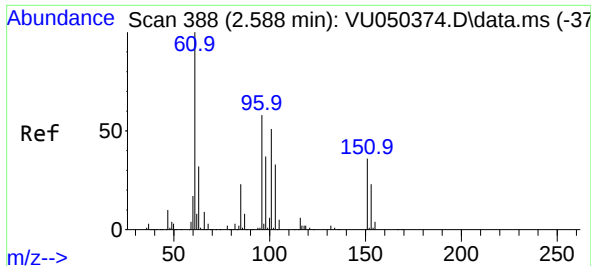
Tgt Ion:101 Resp: 16555
 Ion Ratio Lower Upper
 101 100
 103 65.1 51.8 77.6



#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 1.042 ug/l
 RT: 2.581 min Scan# 386
 Delta R.T. 0.000 min
 Lab File: VU050446.D
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Tgt Ion:101 Resp: 9898
 Ion Ratio Lower Upper
 101 100
 85 43.0 36.4 54.6
 151 65.7 59.1 88.7

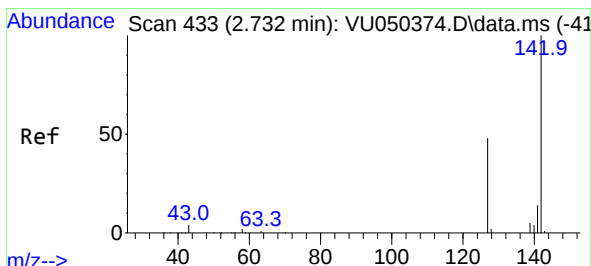
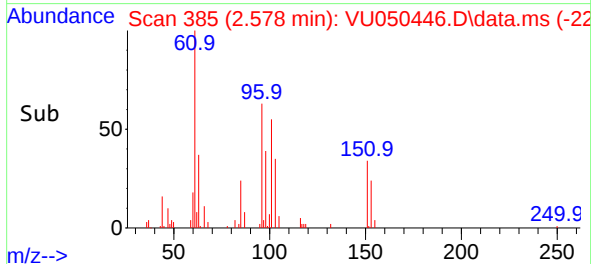
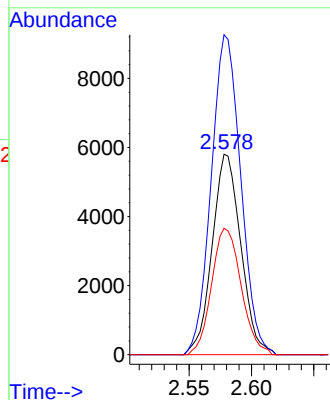
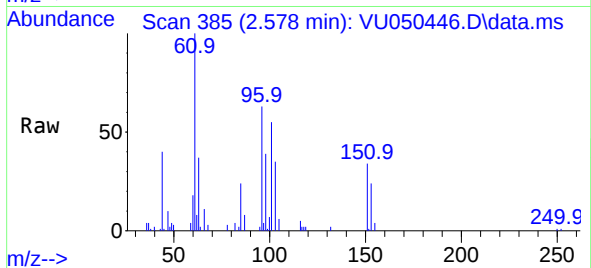




#9
1,1-Dichloroethene
Concen: 0.998 ug/l
RT: 2.578 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU050446.D
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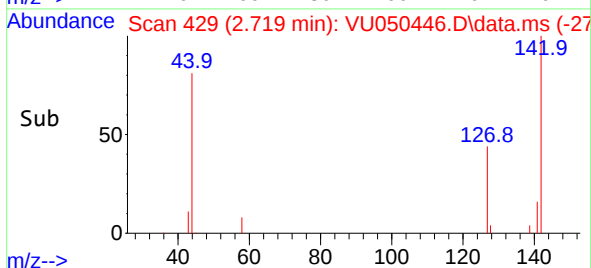
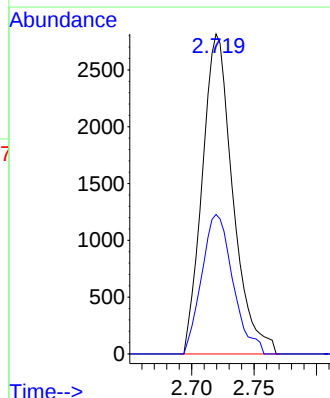
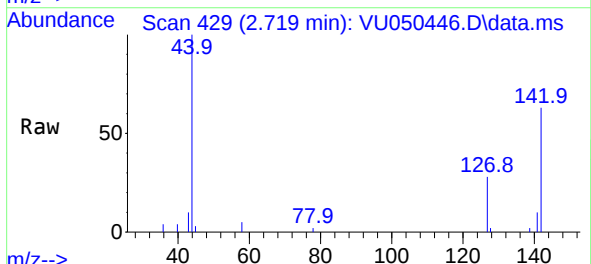
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ClientSampleId :
LOQ-WATER-02-QT3-2022

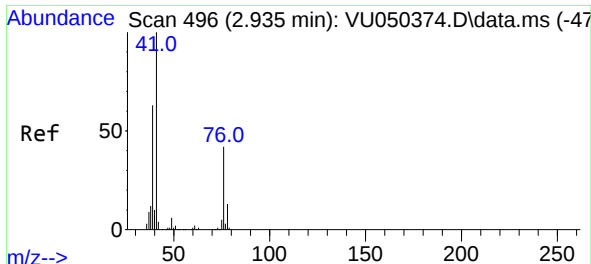
Tgt Ion: 96 Resp: 9300
Ion Ratio Lower Upper
96 100
61 159.6 0.0 510.6
98 63.0 0.0 124.6



#10
Iodomethane
Concen: 0.623 ug/l
RT: 2.719 min Scan# 429
Delta R.T. 0.000 min
Lab File: VU050446.D
Acq: 25 Aug 2022 17:21

Tgt Ion: 142 Resp: 4789
Ion Ratio Lower Upper
142 100
127 44.5 38.2 57.2

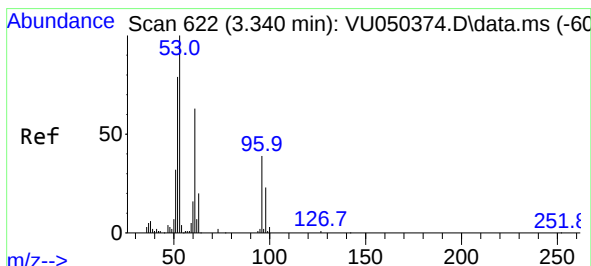
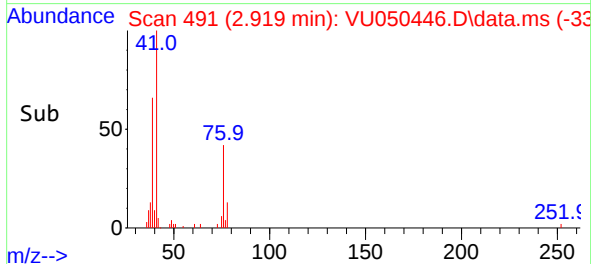
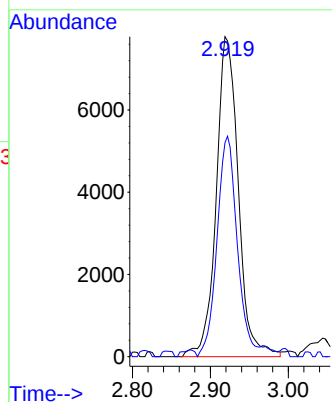
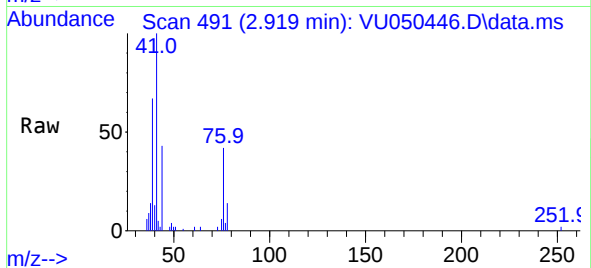




#11
 Allyl Chloride
 Concen: 1.068 ug/l
 RT: 2.919 min Scan# 491
 Delta R.T. -0.003 min
 Lab File: VU050446.D
 Acq: 25 Aug 2022 17:21

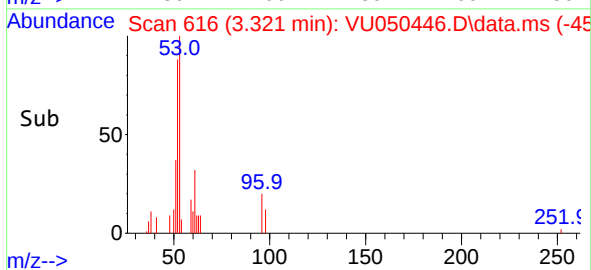
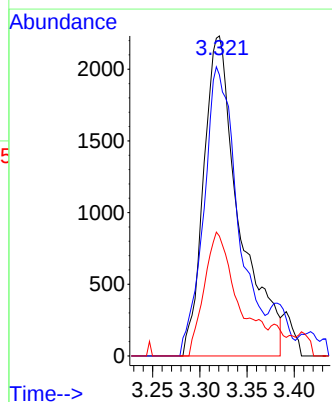
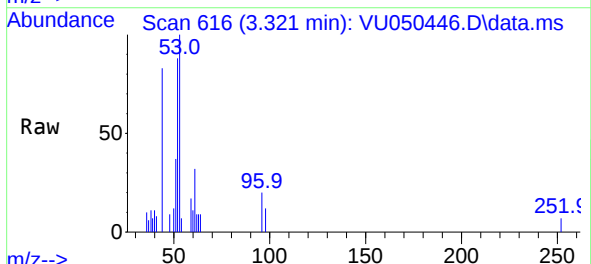
Instrument :
 MSVOA_U
 ClientSampleId :
 LOQ-WATER-02-QT3-2022

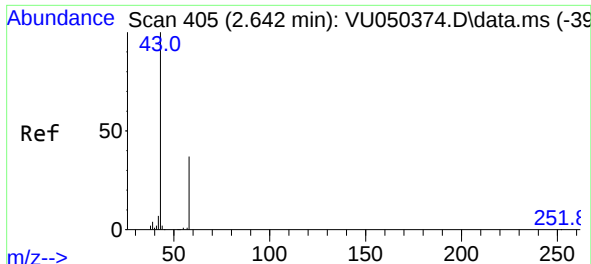
Tgt Ion: 41 Resp: 15332
 Ion Ratio Lower Upper
 41 100
 39 63.0 53.2 79.8



#12
 Acrylonitrile
 Concen: 2.098 ug/l
 RT: 3.321 min Scan# 616
 Delta R.T. 0.003 min
 Lab File: VU050446.D
 Acq: 25 Aug 2022 17:21

Tgt Ion: 53 Resp: 5862
 Ion Ratio Lower Upper
 53 100
 52 85.8 64.6 97.0
 51 36.7 30.7 46.1

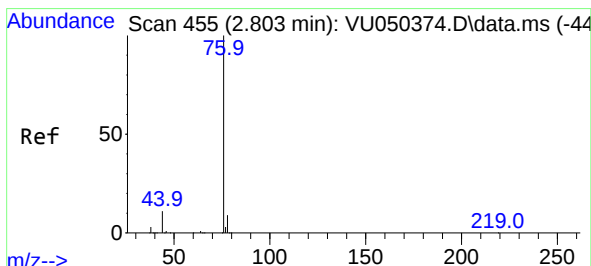
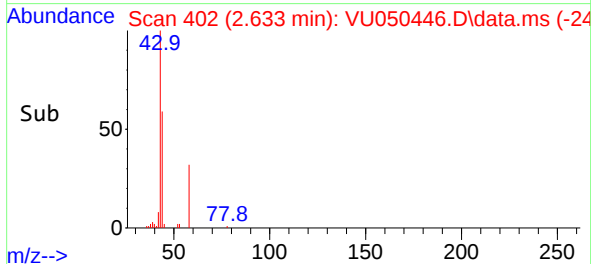
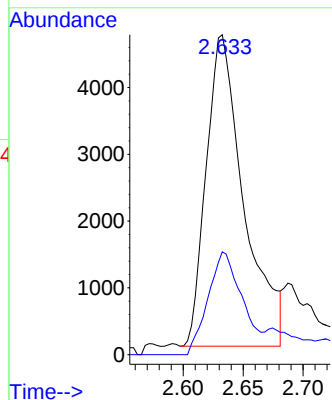
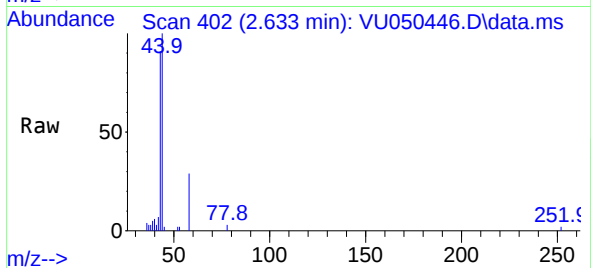




#13
Acetone
Concen: 5.211 ug/l
RT: 2.633 min Scan# 405
Delta R.T. 0.006 min
Lab File: VU050446.D
Acq: 25 Aug 2022 17:21

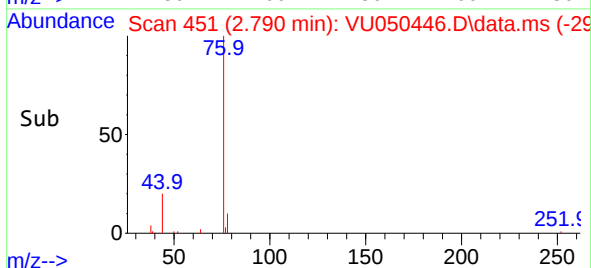
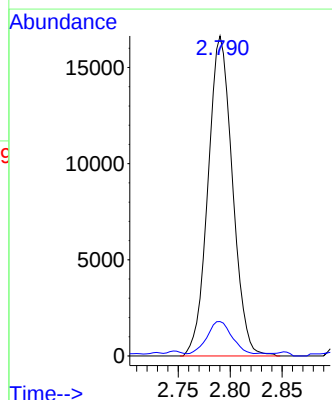
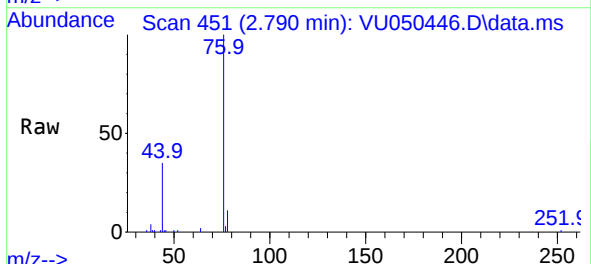
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT3-2022

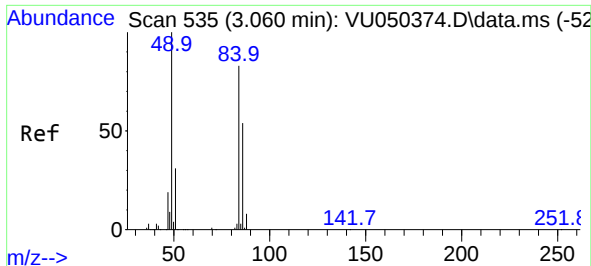
Tgt Ion: 43 Resp: 10182
Ion Ratio Lower Upper
43 100
58 33.0 26.2 39.2



#14
Carbon Disulfide
Concen: 0.943 ug/l
RT: 2.790 min Scan# 451
Delta R.T. 0.000 min
Lab File: VU050446.D
Acq: 25 Aug 2022 17:21

Tgt Ion: 76 Resp: 27209
Ion Ratio Lower Upper
76 100
78 9.7 7.4 11.0

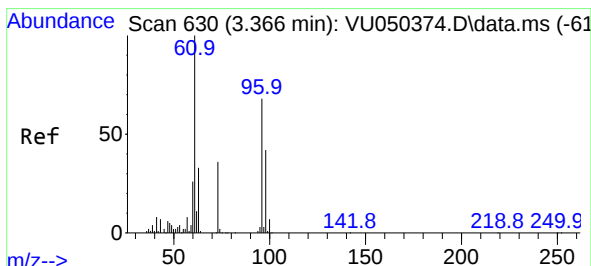
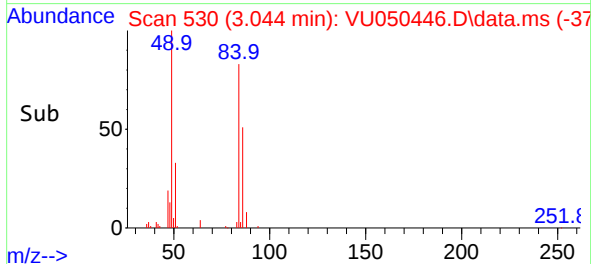
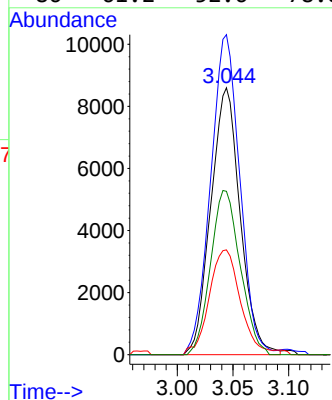
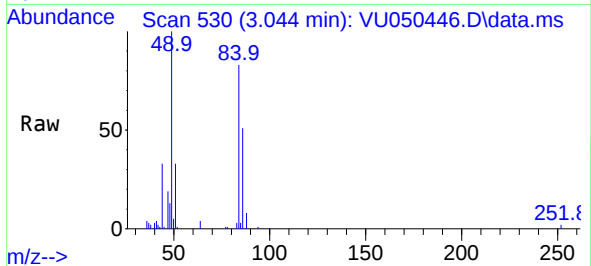




#15
Methylene Chloride
Concen: 1.251 ug/l
RT: 3.044 min Scan# 51
Delta R.T. 0.000 min
Lab File: VU050446.D
Acq: 25 Aug 2022 17:21

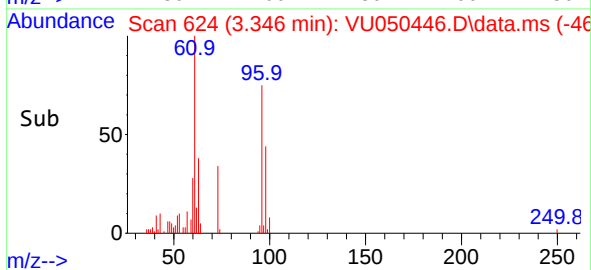
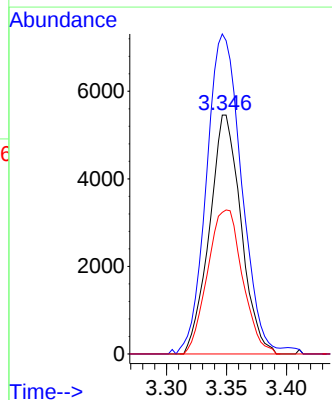
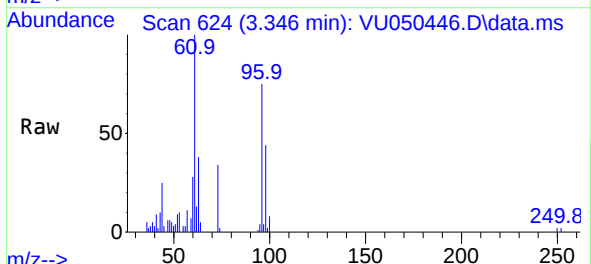
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT3-2022

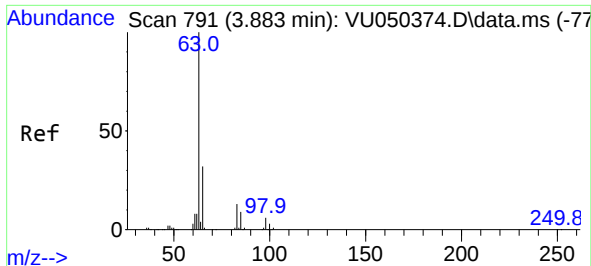
Tgt Ion: 84 Resp: 15767
Ion Ratio Lower Upper
84 100
49 119.9 104.6 157.0
51 39.3 0.0 81.4
86 61.2 52.6 78.8



#16
trans-1,2-Dichloroethene
Concen: 1.038 ug/l
RT: 3.346 min Scan# 624
Delta R.T. -0.003 min
Lab File: VU050446.D
Acq: 25 Aug 2022 17:21

Tgt Ion: 96 Resp: 9991
Ion Ratio Lower Upper
96 100
61 131.6 123.4 185.0
98 59.3 51.6 77.4

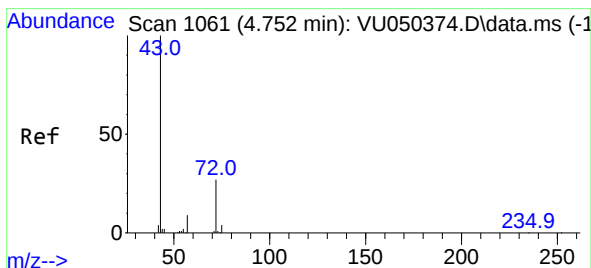
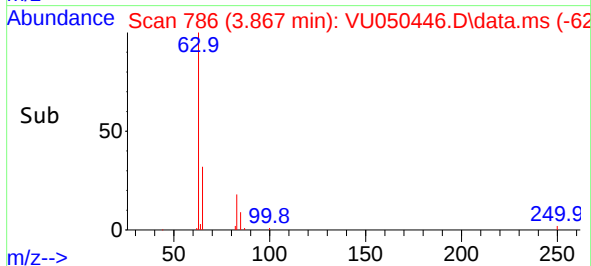
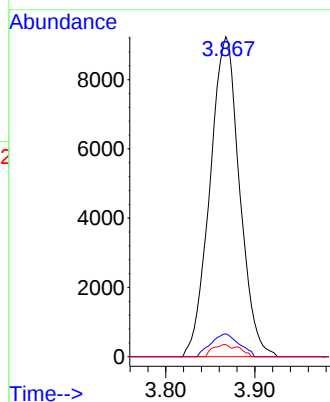
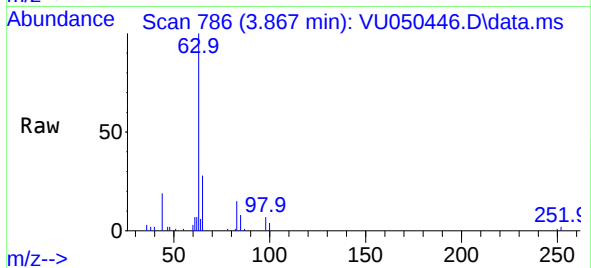




#17
 1,1-Dichloroethane
 Concen: 1.065 ug/l
 RT: 3.867 min Scan# 71
 Delta R.T. 0.003 min
 Lab File: VU050446.D
 Acq: 25 Aug 2022 17:21

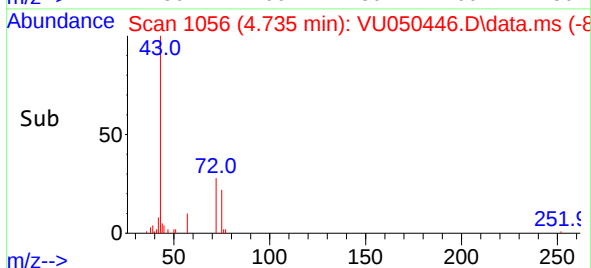
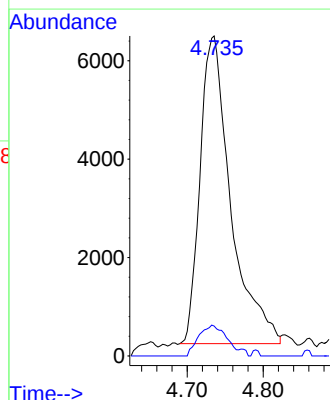
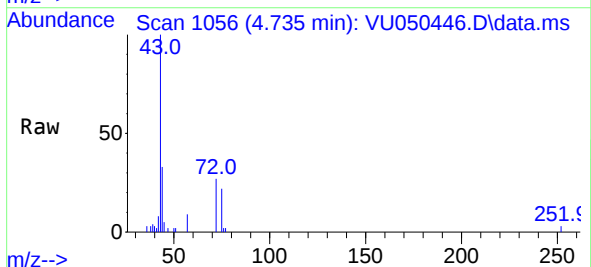
Instrument :
 MSVOA_U
 ClientSampleId :
 LOQ-WATER-02-QT3-2022

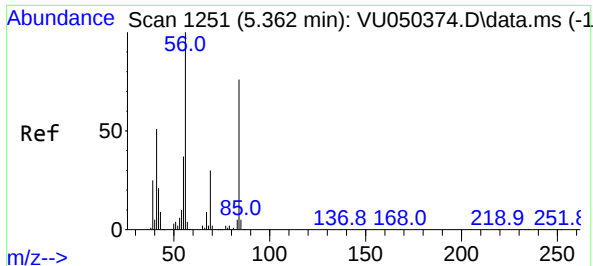
Tgt Ion:	63	Resp:	21351
Ion	Ratio	Lower	Upper
63	100		
98	7.2	3.4	10.2
100	3.8	2.0	6.0



#18
 2-Butanone
 Concen: 5.703 ug/l
 RT: 4.735 min Scan# 1056
 Delta R.T. 0.016 min
 Lab File: VU050446.D
 Acq: 25 Aug 2022 17:21

Tgt Ion:	43	Resp:	17528
Ion	Ratio	Lower	Upper
43	100		
57	9.7	0.0	18.0

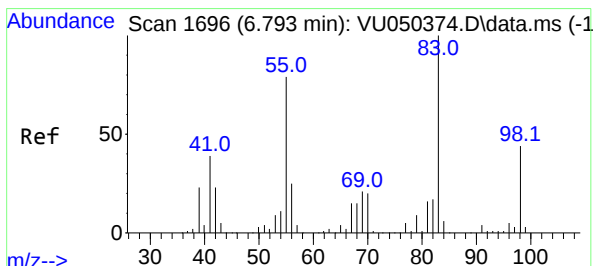
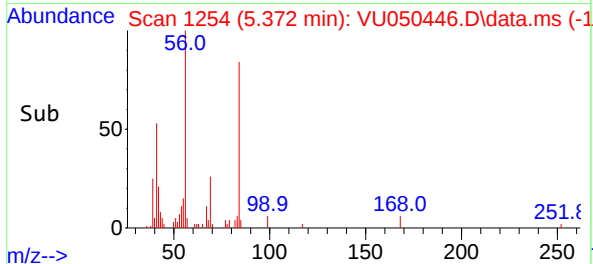
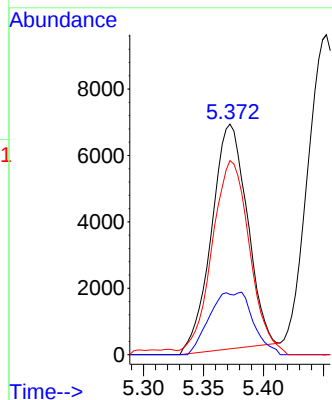
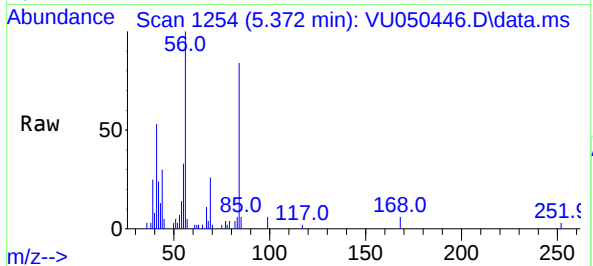




#19
Cyclohexane
Concen: 0.964 ug/l
RT: 5.372 min Scan# 11
Delta R.T. -0.013 min
Lab File: VU050446.D
Acq: 25 Aug 2022 17:21

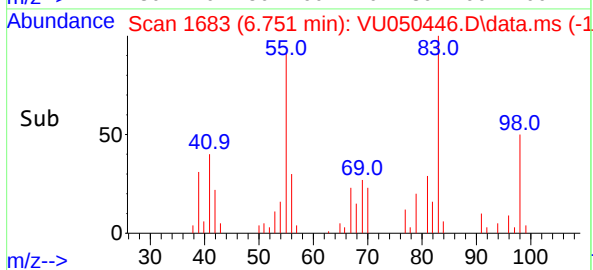
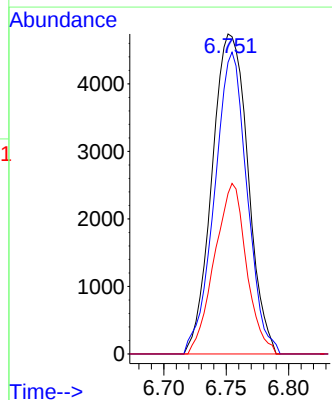
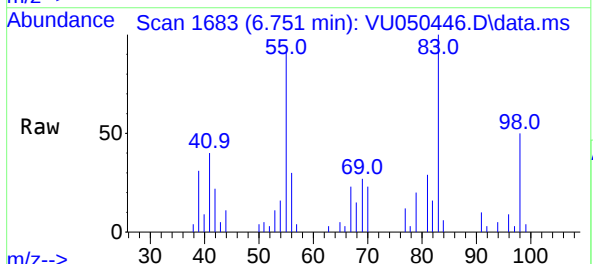
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT3-2022

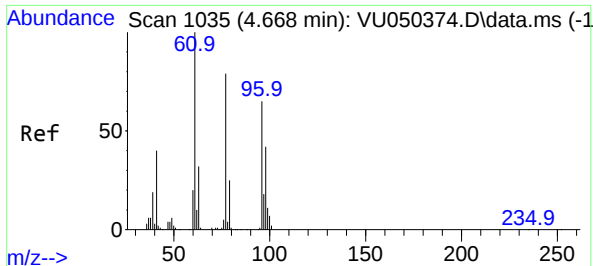
Tgt Ion:	56	Resp:	14035
Ion Ratio	Lower	Upper	
56	100		
69	19.8	24.2	36.4#
84	88.3	63.4	95.2



#20
Methylcyclohexane
Concen: 0.829 ug/l
RT: 6.751 min Scan# 1683
Delta R.T. -0.010 min
Lab File: VU050446.D
Acq: 25 Aug 2022 17:21

Tgt Ion:	83	Resp:	9506
Ion Ratio	Lower	Upper	
83	100		
55	85.7	63.0	94.4
98	47.5	35.7	53.5

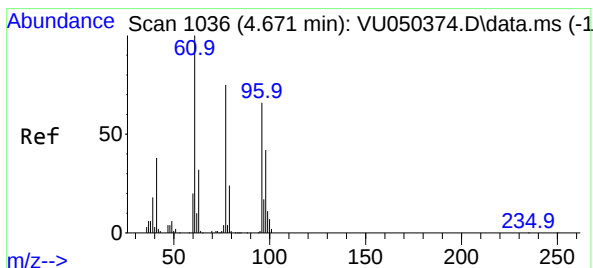
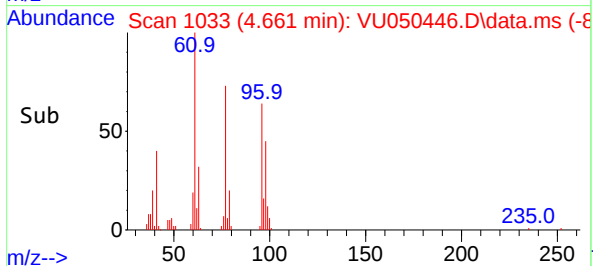
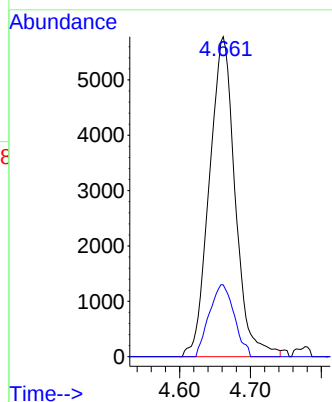
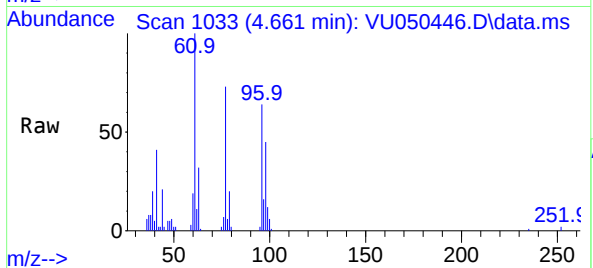




#21
2,2-Dichloropropane
Concen: 0.960 ug/l
RT: 4.661 min Scan# 1033
Delta R.T. -0.003 min
Lab File: VU050446.D
Acq: 25 Aug 2022 17:21

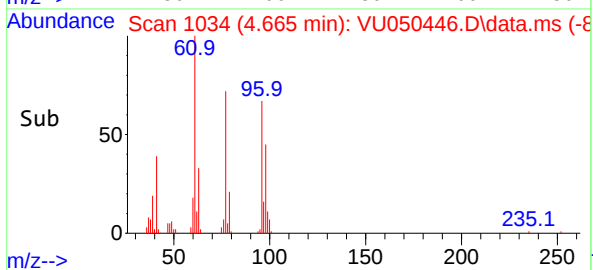
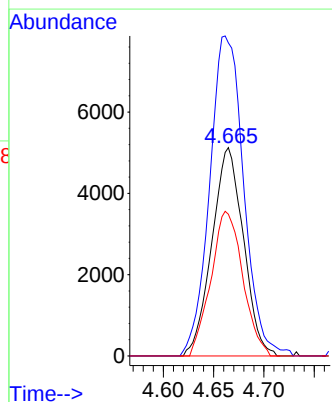
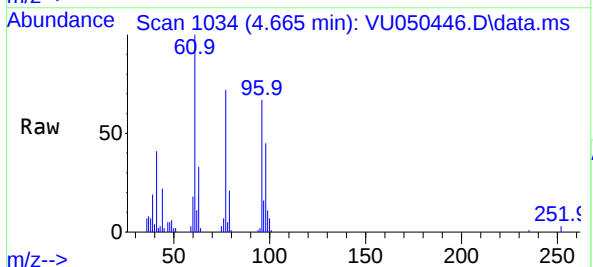
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT3-2022

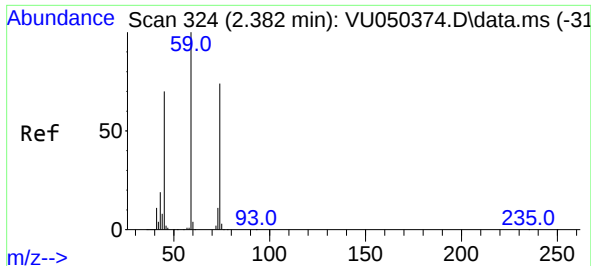
Tgt Ion: 77 Resp: 14631
Ion Ratio Lower Upper
77 100
97 21.8 18.5 27.7



#22
cis-1,2-Dichloroethene
Concen: 1.026 ug/l
RT: 4.665 min Scan# 1034
Delta R.T. 0.000 min
Lab File: VU050446.D
Acq: 25 Aug 2022 17:21

Tgt Ion: 96 Resp: 11175
Ion Ratio Lower Upper
96 100
61 166.0 0.0 375.8
98 70.1 31.6 95.0

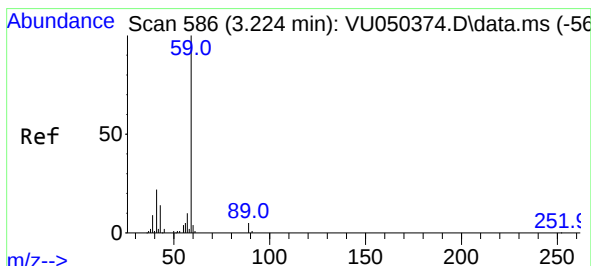
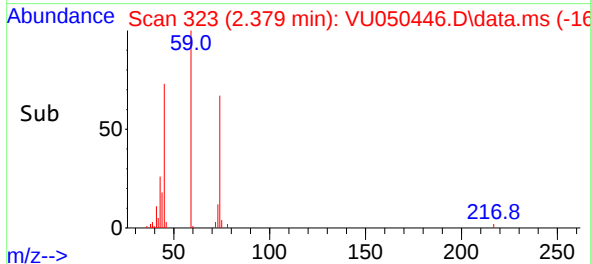
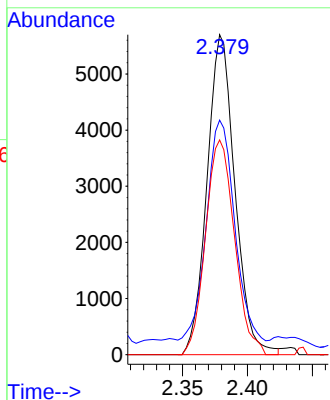
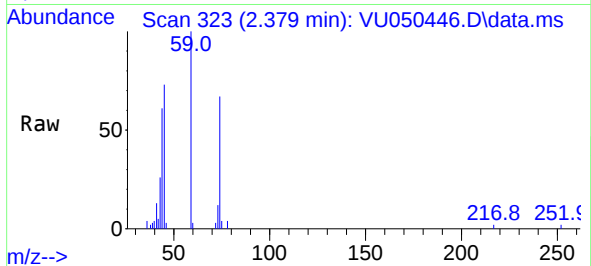




#23
Diethyl Ether
Concen: 1.063 ug/l
RT: 2.379 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU050446.D
Acq: 25 Aug 2022 17:21

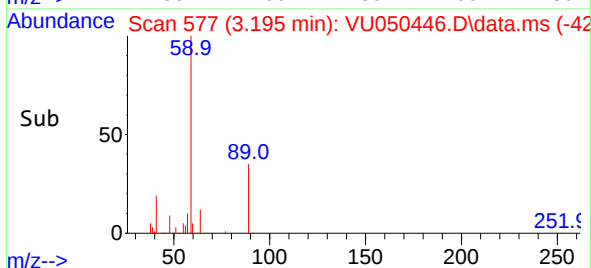
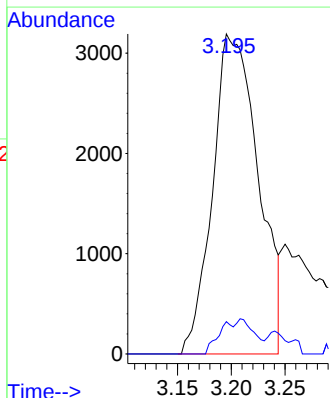
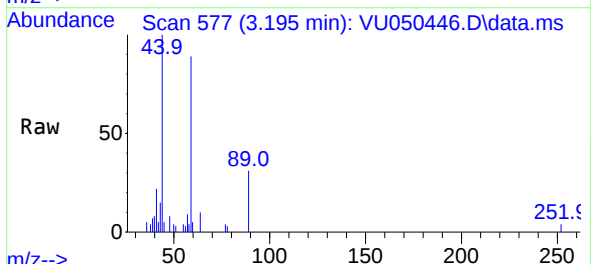
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT3-2022

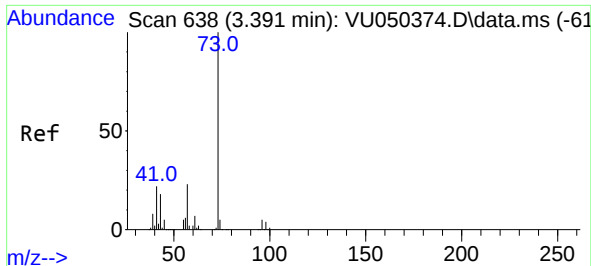
Tgt Ion: 59 Resp: 8506
Ion Ratio Lower Upper
59 100
45 69.1 56.0 84.0
74 69.9 57.6 86.4



#24
tert-Butyl Alcohol
Concen: 9.301 ug/l
RT: 3.195 min Scan# 577
Delta R.T. 0.000 min
Lab File: VU050446.D
Acq: 25 Aug 2022 17:21

Tgt Ion: 59 Resp: 9420
Ion Ratio Lower Upper
59 100
57 3.5 8.2 12.2#

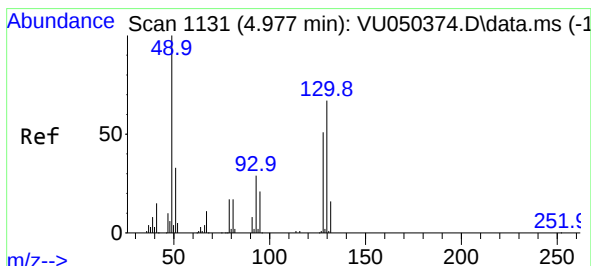
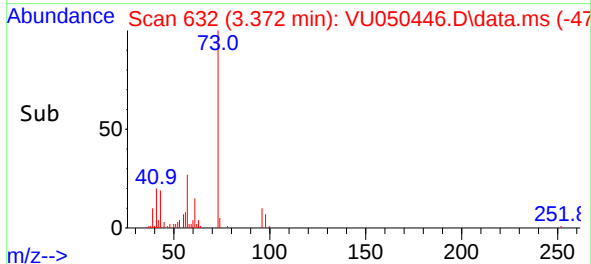
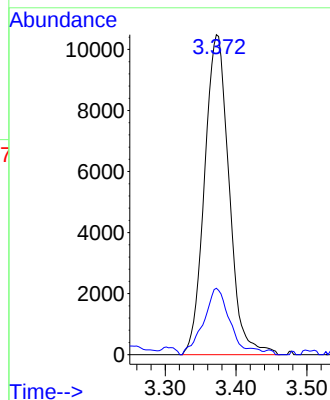
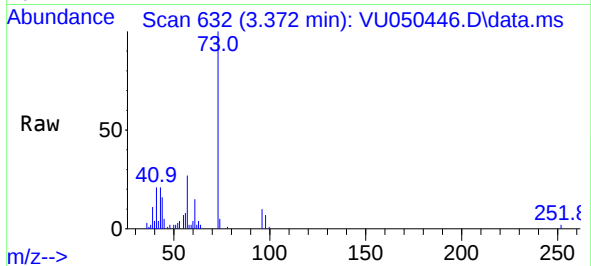




#25
Methyl tert-Butyl Ether
Concen: 1.020 ug/l
RT: 3.372 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU050446.D
Acq: 25 Aug 2022 17:21

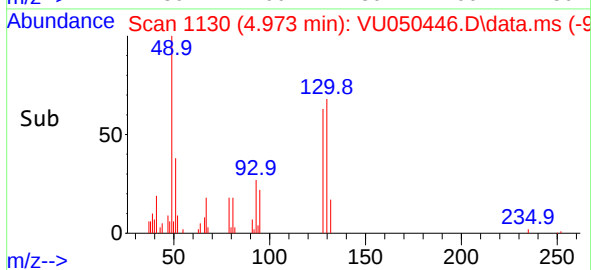
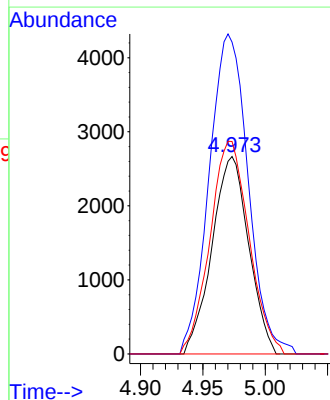
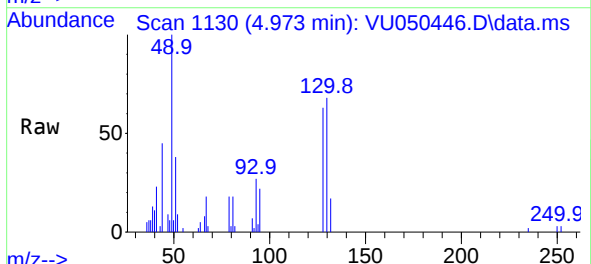
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT3-2022

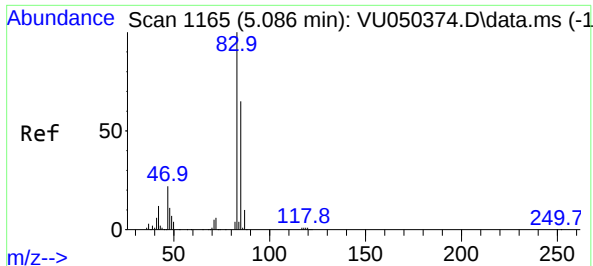
Tgt Ion: 73 Resp: 25240
Ion Ratio Lower Upper
73 100
43 21.5 15.9 23.9



#26
Bromochloromethane
Concen: 1.249 ug/l
RT: 4.973 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VU050446.D
Acq: 25 Aug 2022 17:21

Tgt Ion: 128 Resp: 5459
Ion Ratio Lower Upper
128 100
49 171.9 0.0 349.2
130 114.9 103.0 154.6

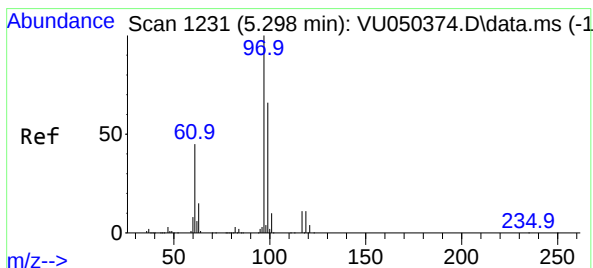
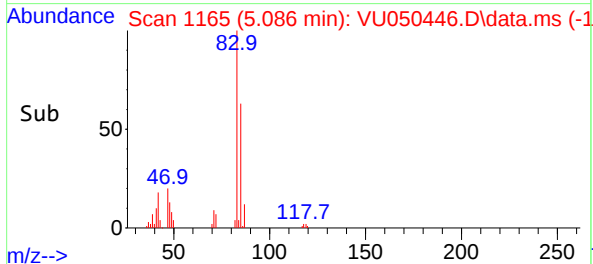
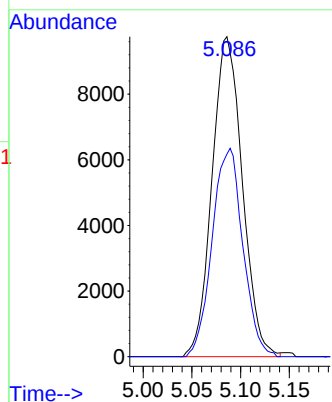
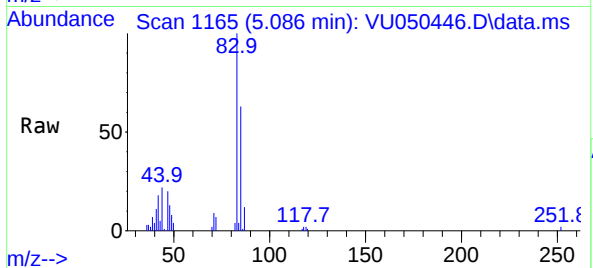




#27
Chloroform
Concen: 1.086 ug/l
RT: 5.086 min Scan# 1165
Delta R.T. -0.003 min
Lab File: VU050446.D
Acq: 25 Aug 2022 17:21

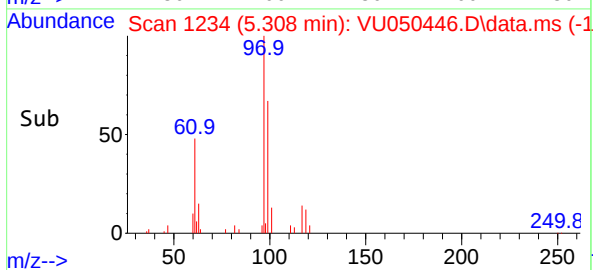
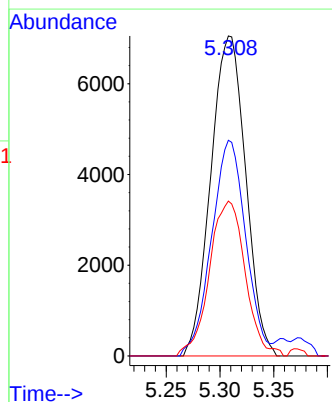
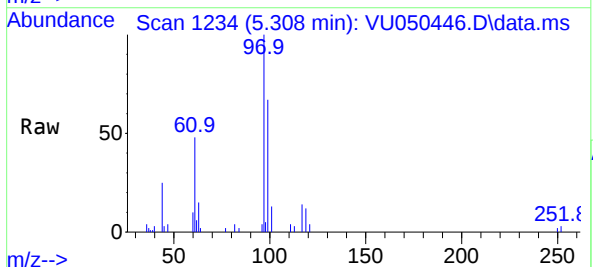
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT3-2022

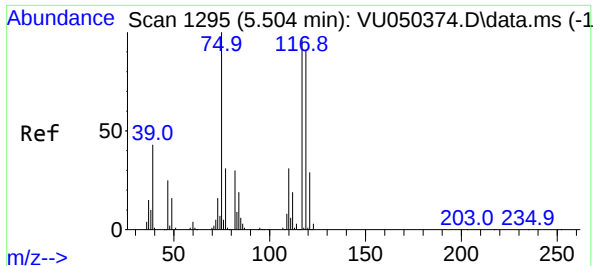
Tgt Ion: 83 Resp: 21107
Ion Ratio Lower Upper
83 100
85 63.3 0.0 133.6



#28
1,1,1-Trichloroethane
Concen: 0.961 ug/l
RT: 5.308 min Scan# 1234
Delta R.T. -0.006 min
Lab File: VU050446.D
Acq: 25 Aug 2022 17:21

Tgt Ion: 97 Resp: 15938
Ion Ratio Lower Upper
97 100
99 65.9 32.1 96.5
61 49.5 21.8 65.4

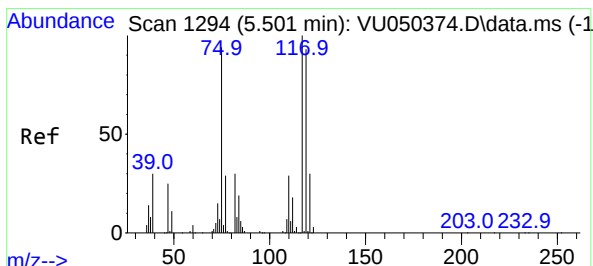
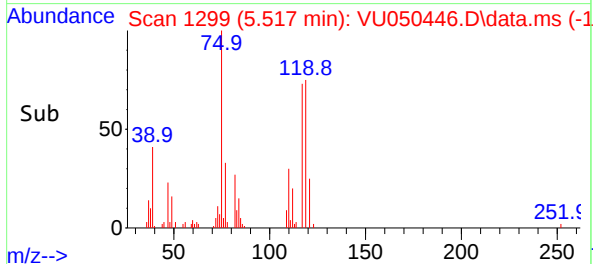
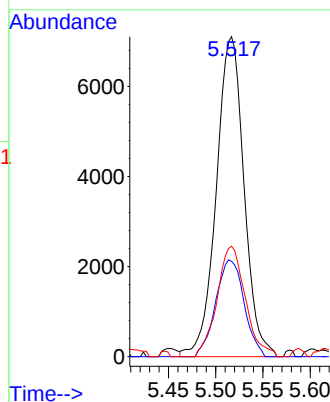
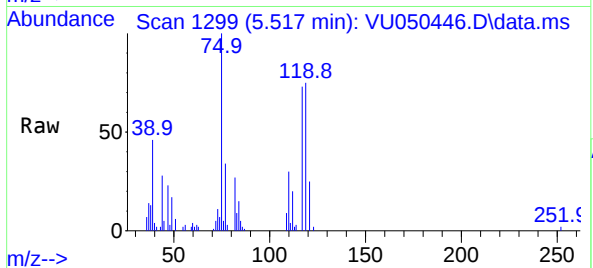




#29
1,1-Dichloropropene
Concen: 1.091 ug/l
RT: 5.517 min Scan# 1299
Delta R.T. -0.006 min
Lab File: VU050446.D
Acq: 25 Aug 2022 17:21

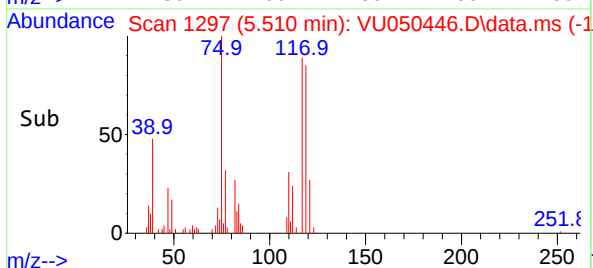
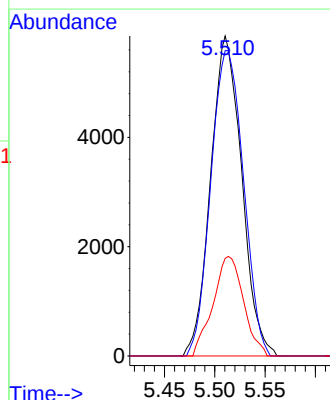
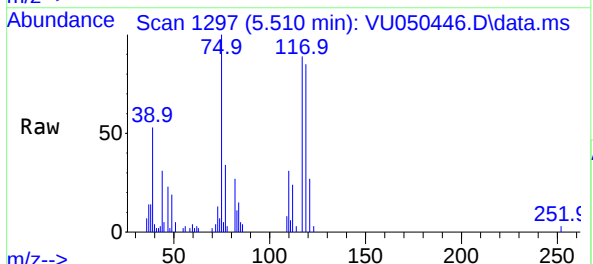
Instrument : MSVOA_U
ClientSampleId : LOQ-WATER-02-QT3-2022

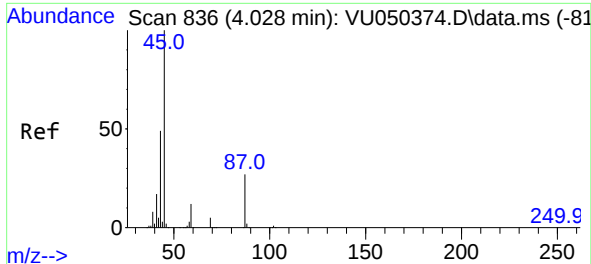
Tgt Ion:	75	Resp:	14498
Ion	Ratio	Lower	Upper
75	100		
110	30.9	17.3	52.0
77	35.2	24.6	37.0



#30
Carbon Tetrachloride
Concen: 0.948 ug/l
RT: 5.510 min Scan# 1297
Delta R.T. -0.010 min
Lab File: VU050446.D
Acq: 25 Aug 2022 17:21

Tgt Ion:	117	Resp:	12580
Ion	Ratio	Lower	Upper
117	100		
119	95.4	74.6	112.0
121	30.5	24.2	36.4





#31

Isopropyl Ether

Concen: 1.153 ug/l

RT: 4.002 min Scan# 81

Delta R.T. 0.000 min

Lab File: VU050446.D

Acq: 25 Aug 2022 17:21

Instrument :

MSVOA_U

ClientSampleId :

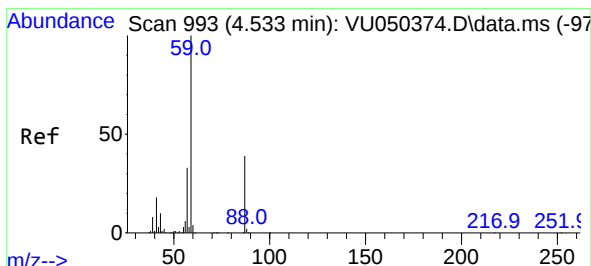
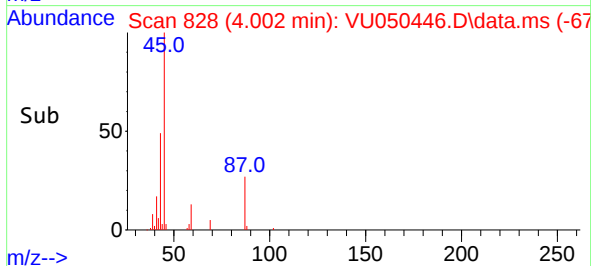
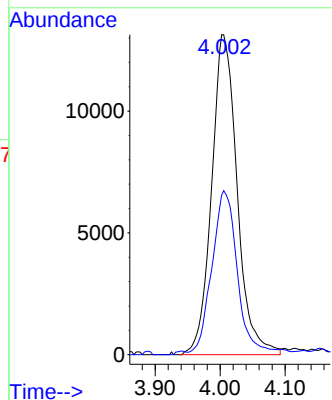
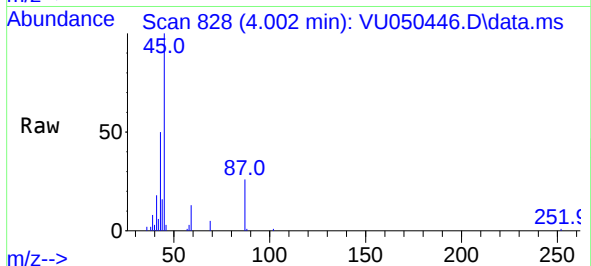
LOQ-WATER-02-QT3-2022

Tgt Ion: 45 Resp: 35877

Ion Ratio Lower Upper

45 100

43 48.8 23.8 71.2



#32

Ethyl-t-butyl ether

Concen: 1.023 ug/l

RT: 4.523 min Scan# 990

Delta R.T. 0.010 min

Lab File: VU050446.D

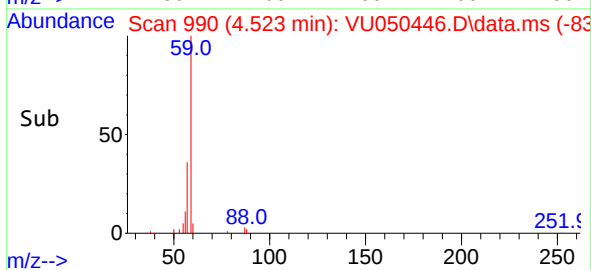
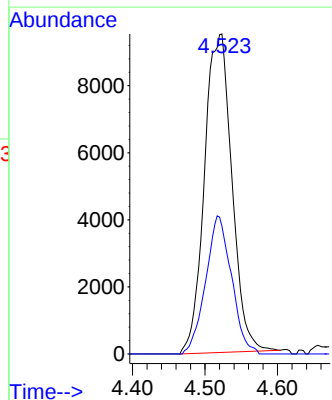
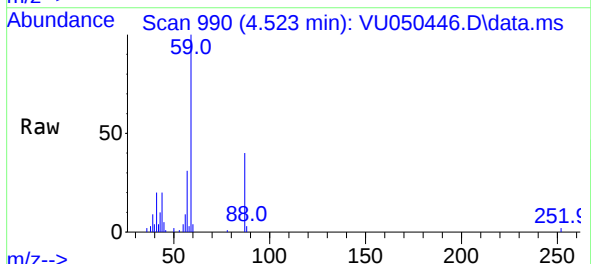
Acq: 25 Aug 2022 17:21

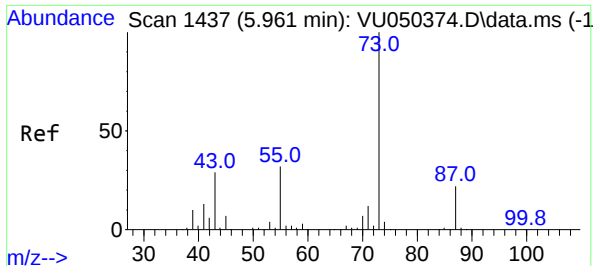
Tgt Ion: 59 Resp: 25000

Ion Ratio Lower Upper

59 100

87 40.7 32.5 48.7

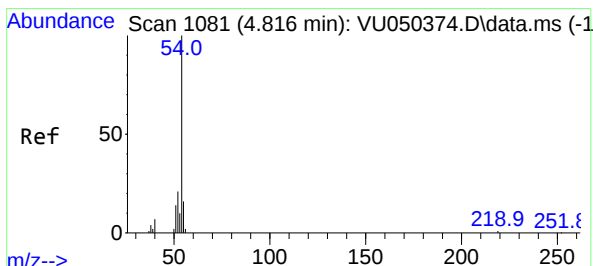
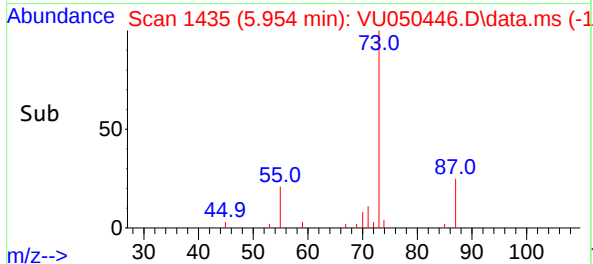
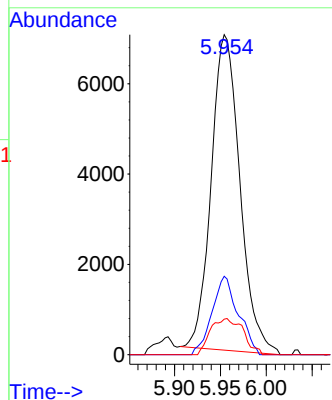
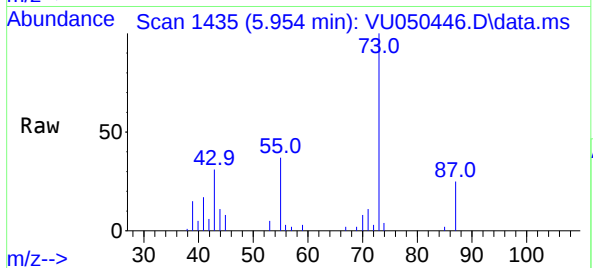




Tert-Amyl methyl ether
Concen: 0.954 ug/l
RT: 5.954 min Scan# 1435
Delta R.T. 0.006 min
Lab File: VU050446.D
Acq: 25 Aug 2022 17:21

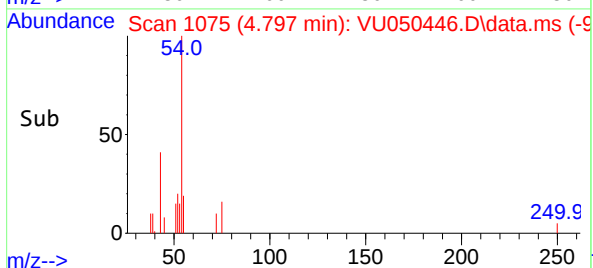
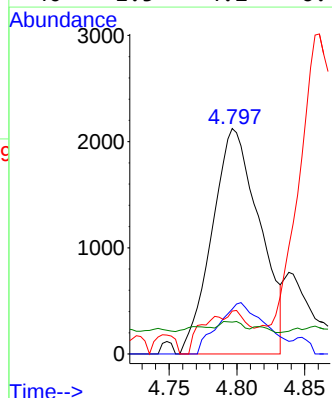
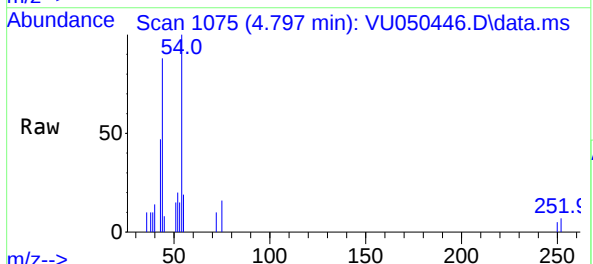
Instrument : MSVOA_U
ClientSampleId : LOQ-WATER-02-QT3-2022

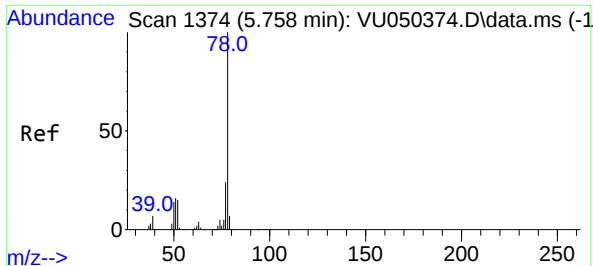
Tgt Ion: 73	Resp: 15202
Ion Ratio	Lower Upper
73 100	
87 22.8	19.7 29.5
71 13.1	9.0 13.4



Propionitrile
Concen: 5.688 ug/l
RT: 4.797 min Scan# 1075
Delta R.T. 0.010 min
Lab File: VU050446.D
Acq: 25 Aug 2022 17:21

Tgt Ion: 54	Resp: 5164
Ion Ratio	Lower Upper
54 100	
52 22.7	15.0 22.6#
55 17.4	12.6 19.0
40 1.5	4.2 6.4#

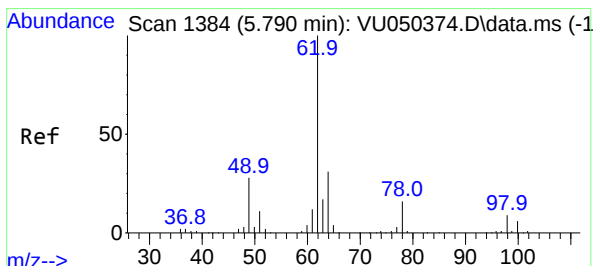
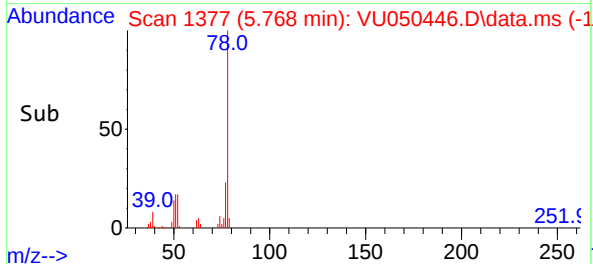
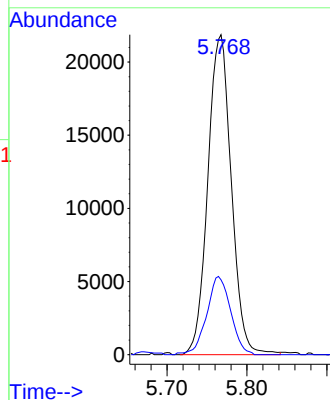
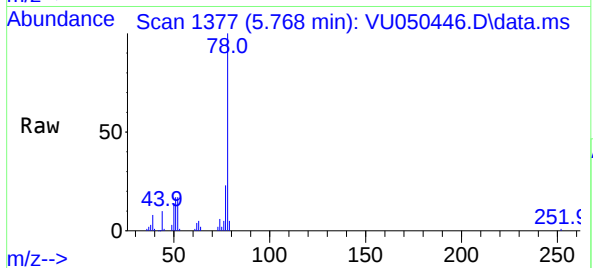




#35
Benzene
Concen: 1.143 ug/l
RT: 5.768 min Scan# 11
Delta R.T. -0.006 min
Lab File: VU050446.D
Acq: 25 Aug 2022 17:21

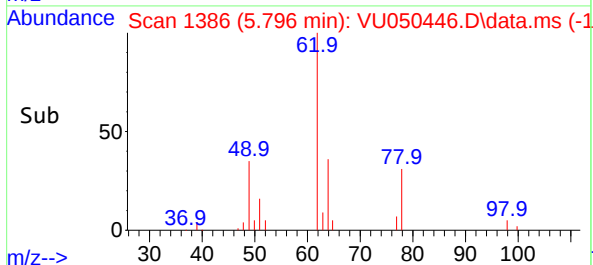
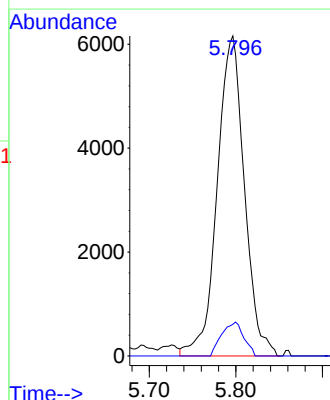
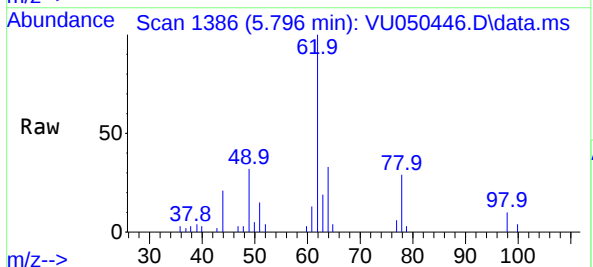
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT3-2022

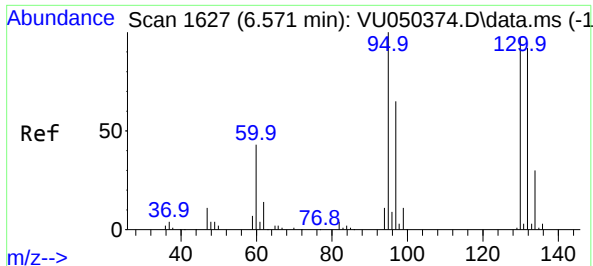
Tgt Ion: 78 Resp: 44631
Ion Ratio Lower Upper
78 100
77 23.4 18.6 28.0



#36
1,2-Dichloroethane
Concen: 1.127 ug/l
RT: 5.796 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VU050446.D
Acq: 25 Aug 2022 17:21

Tgt Ion: 62 Resp: 13438
Ion Ratio Lower Upper
62 100
98 8.6 7.4 11.0

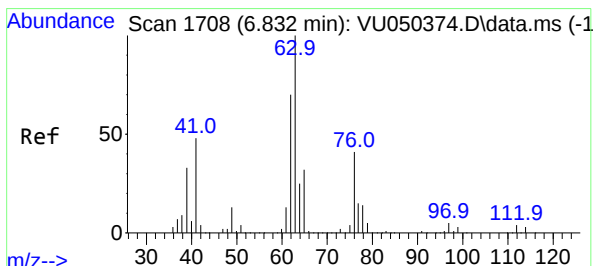
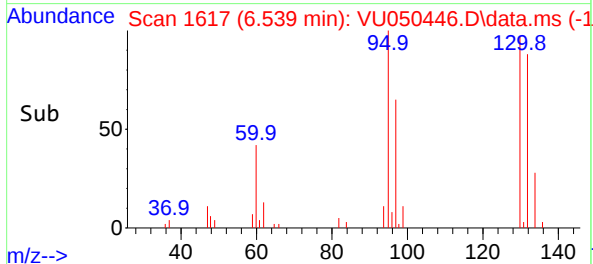
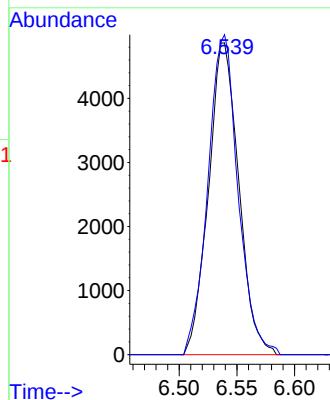
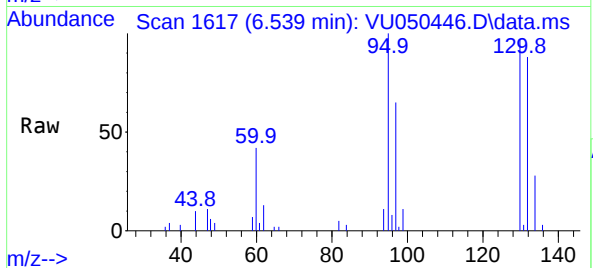




#37
Trichloroethene
Concen: 0.948 ug/l
RT: 6.539 min Scan# 1617
Delta R.T. -0.003 min
Lab File: VU050446.D
Acq: 25 Aug 2022 17:21

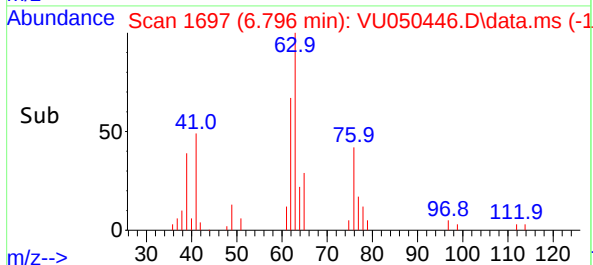
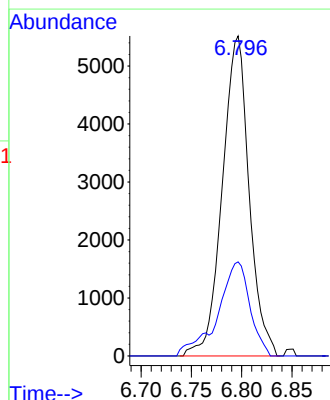
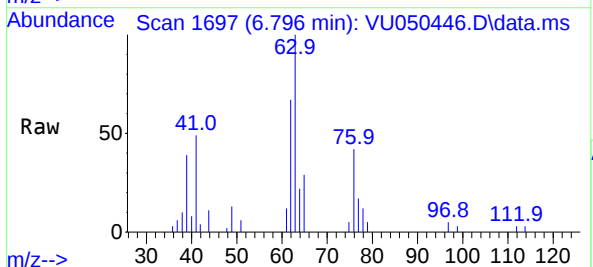
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT3-2022

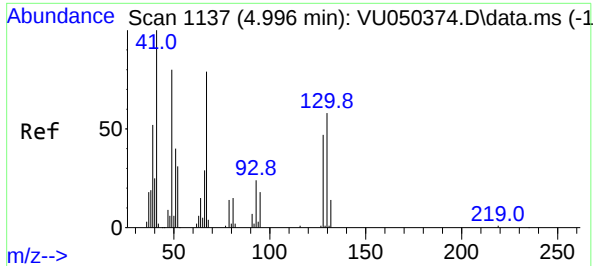
Tgt Ion:130 Resp: 8873
Ion Ratio Lower Upper
130 100
95 102.6 83.8 125.8



#38
1,2-Dichloropropane
Concen: 0.976 ug/l
RT: 6.796 min Scan# 1697
Delta R.T. 0.003 min
Lab File: VU050446.D
Acq: 25 Aug 2022 17:21

Tgt Ion: 63 Resp: 10226
Ion Ratio Lower Upper
63 100
65 29.4 25.0 37.4

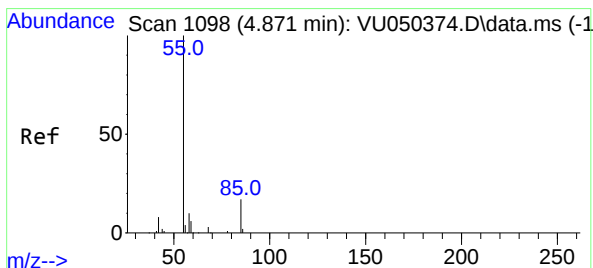
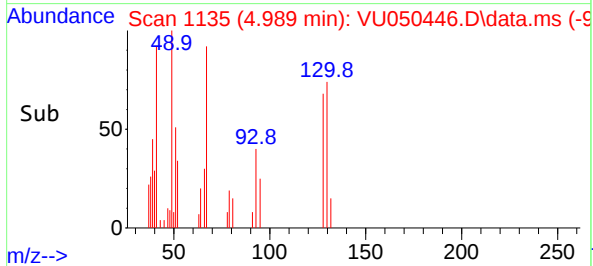
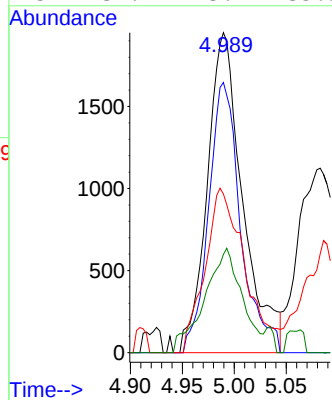
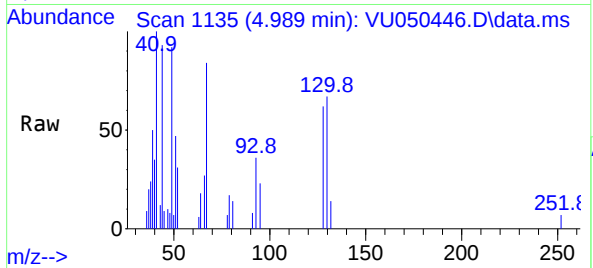




#39
Methacrylonitrile
Concen: 1.241 ug/l
RT: 4.989 min Scan# 1135
Delta R.T. 0.006 min
Lab File: VU050446.D
Acq: 25 Aug 2022 17:21

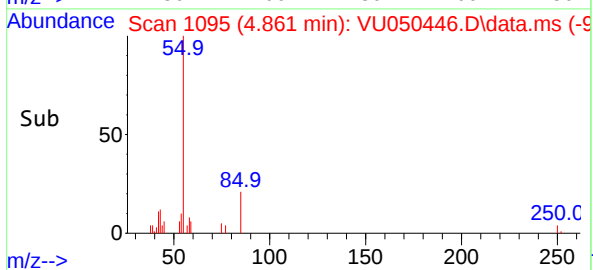
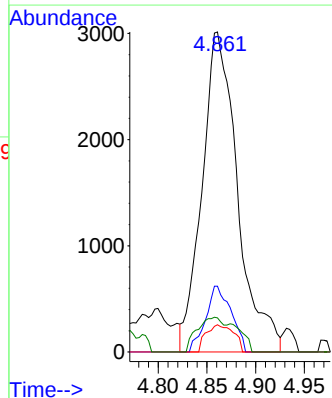
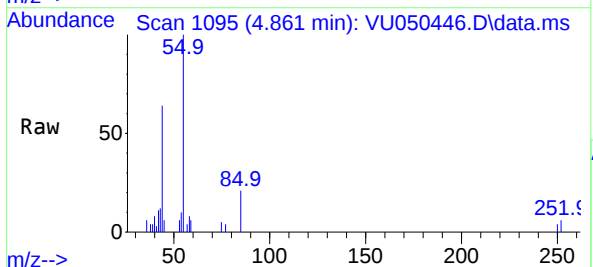
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT3-2022

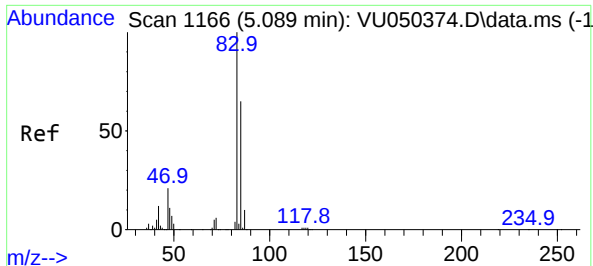
Tgt Ion:	41	Resp:	4621
Ion	Ratio	Lower	Upper
41	100		
67	76.3	59.4	89.0
39	57.9	42.2	63.2
52	34.7	23.7	35.5



#40
Methyl acrylate
Concen: 1.345 ug/l
RT: 4.861 min Scan# 1095
Delta R.T. 0.006 min
Lab File: VU050446.D
Acq: 25 Aug 2022 17:21

Tgt Ion:	55	Resp:	7631
Ion	Ratio	Lower	Upper
55	100		
85	14.8	13.5	20.3
58	6.6	7.0	10.4#
42	8.4	7.0	10.6





#41

Tetrahydrofuran

Concen: 2.882 ug/l

RT: 5.076 min Scan# 1166

Delta R.T. 0.010 min

Lab File: VU050446.D

Acq: 25 Aug 2022 17:21

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT3-2022

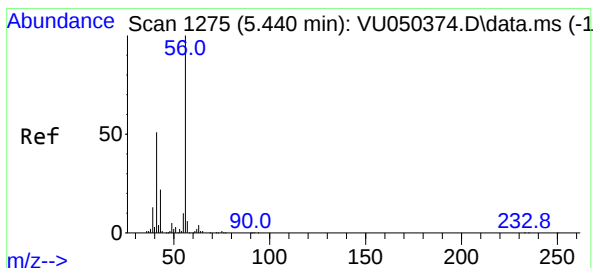
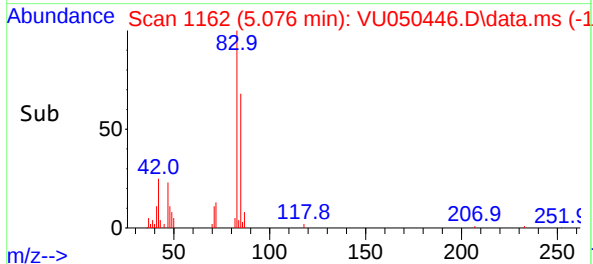
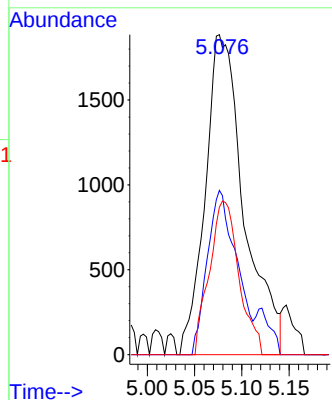
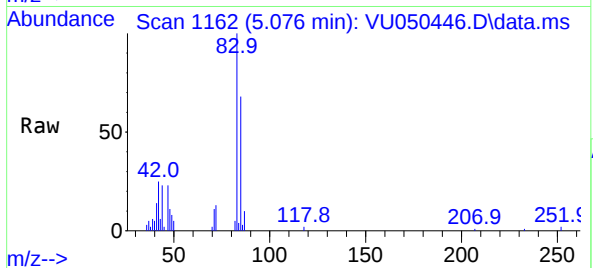
Tgt Ion: 42 Resp: 5375

Ion Ratio Lower Upper

42 100

72 38.9 38.9 58.3#

71 36.6 33.7 50.5



#42

1-Chlorobutane

Concen: 1.008 ug/l

RT: 5.452 min Scan# 1279

Delta R.T. -0.003 min

Lab File: VU050446.D

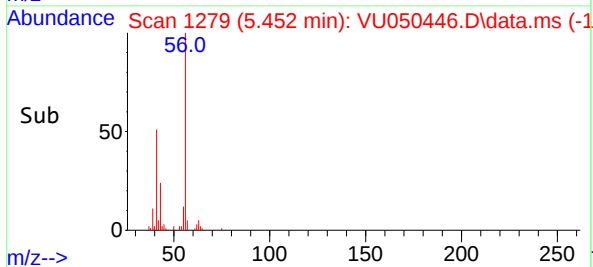
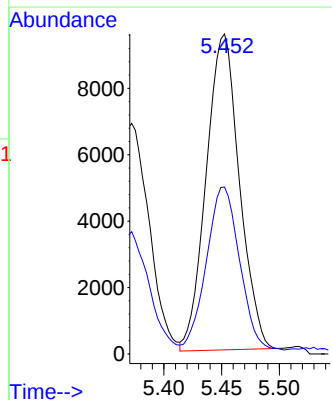
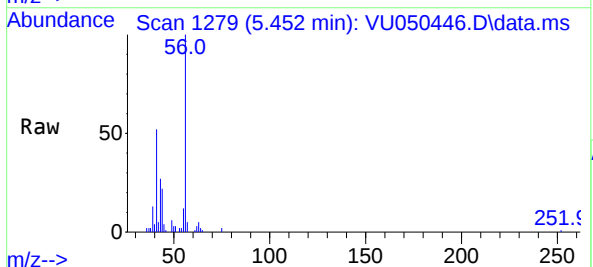
Acq: 25 Aug 2022 17:21

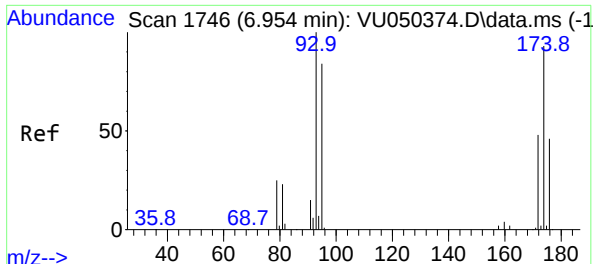
Tgt Ion: 56 Resp: 19056

Ion Ratio Lower Upper

56 100

41 52.1 26.4 79.2





#43

Dibromomethane

Concen: 0.997 ug/l

RT: 6.919 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU050446.D

Acq: 25 Aug 2022 17:21

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT3-2022

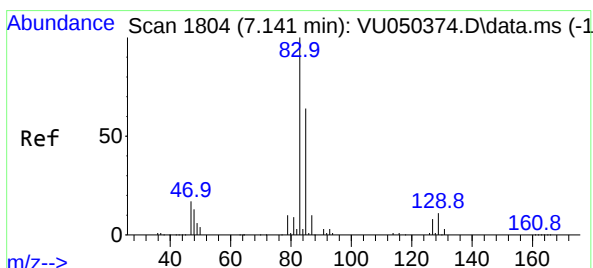
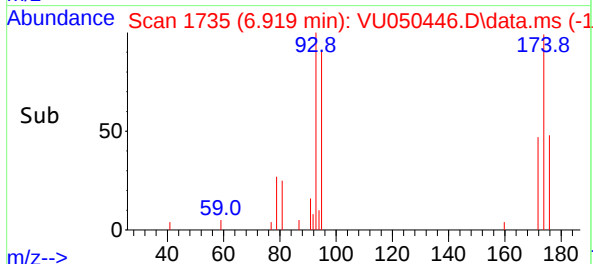
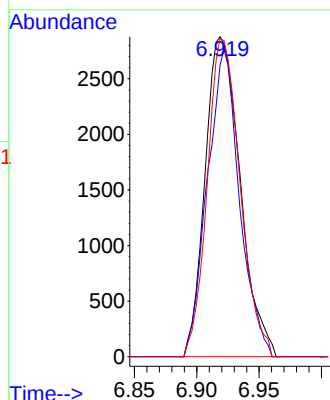
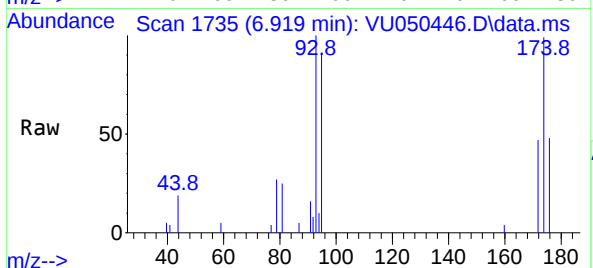
Tgt Ion: 93 Resp: 5634

Ion Ratio Lower Upper

93 100

95 88.2 65.0 97.6

174 92.9 76.3 114.5



#44

Bromodichloromethane

Concen: 1.033 ug/l

RT: 7.108 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VU050446.D

Acq: 25 Aug 2022 17:21

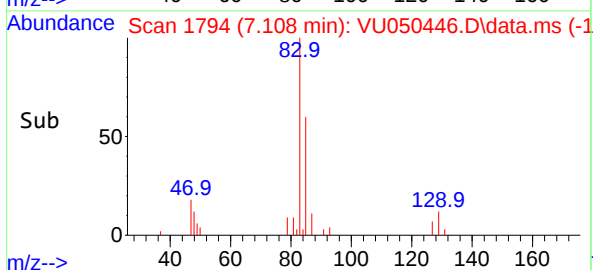
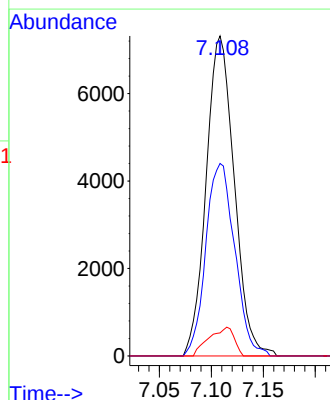
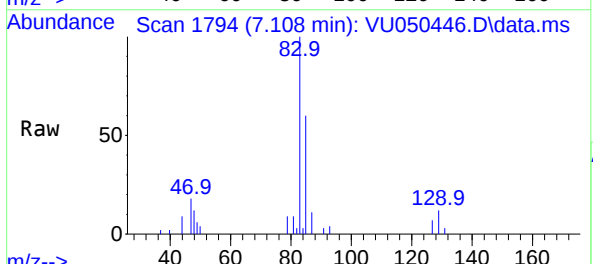
Tgt Ion: 83 Resp: 13774

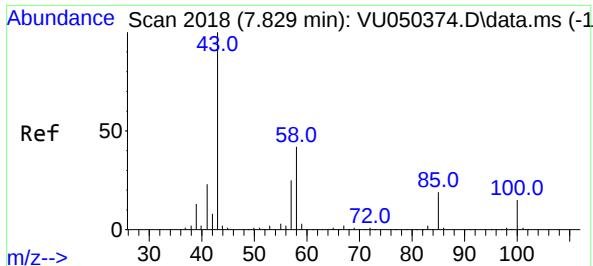
Ion Ratio Lower Upper

83 100

85 60.1 49.4 74.0

127 7.2 6.6 10.0

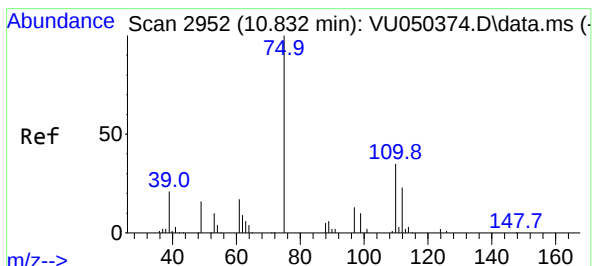
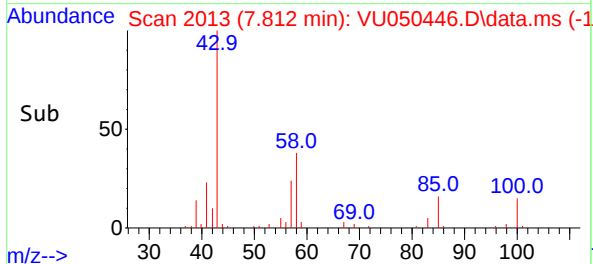
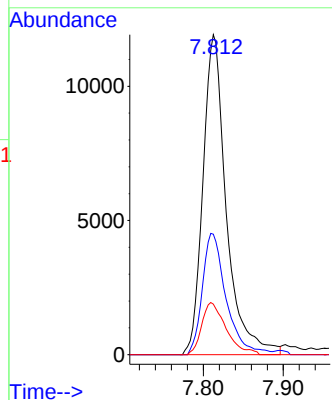
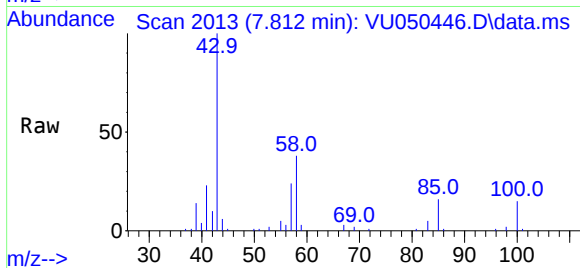




#45
4-Methyl-2-Pentanone
Concen: 4.281 ug/l
RT: 7.812 min Scan# 2013
Delta R.T. 0.016 min
Lab File: VU050446.D
Acq: 25 Aug 2022 17:21

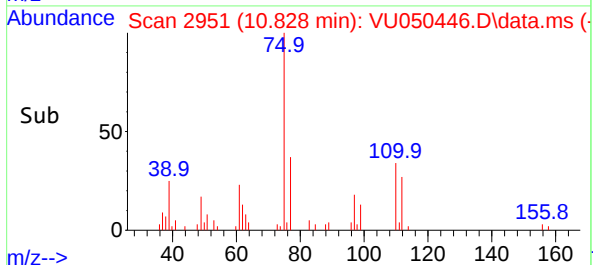
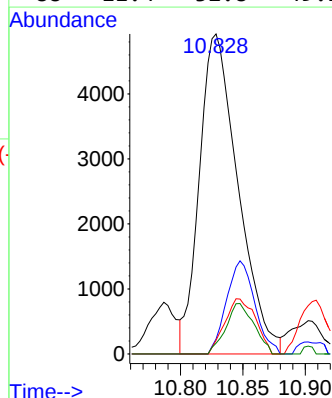
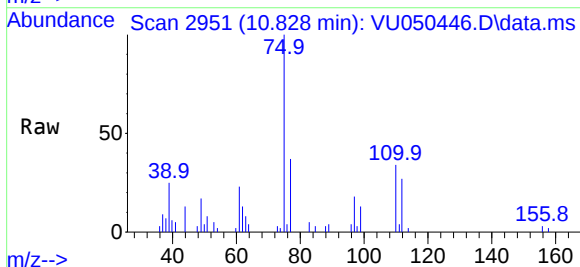
Instrument : MSVOA_U
ClientSampleId : LOQ-WATER-02-QT3-2022

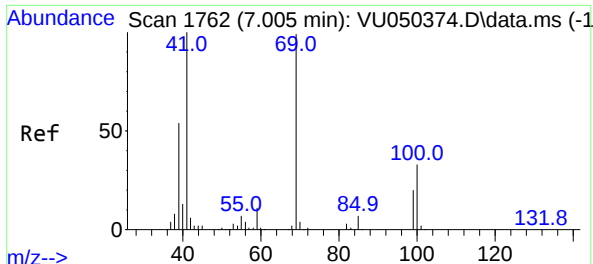
Tgt Ion:	43	Resp:	24278
Ion	Ratio	Lower	Upper
43	100		
58	38.6	20.3	61.0
85	17.0	14.6	21.8



#46
t-1,4-Dichloro-2-butene
Concen: 3.575 ug/l
RT: 10.828 min Scan# 2951
Delta R.T. -0.003 min
Lab File: VU050446.D
Acq: 25 Aug 2022 17:21

Tgt Ion:	75	Resp:	10612
Ion	Ratio	Lower	Upper
75	100		
53	21.3	64.4	96.6#
89	13.7	44.2	66.2#
88	11.4	32.8	49.2#





#47

Methyl methacrylate

Concen: 2.340 ug/l

RT: 6.976 min Scan# 1

Delta R.T. 0.010 min

Lab File: VU050446.D

Acq: 25 Aug 2022 17:21

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT3-2022

Tgt Ion: 69 Resp: 7393

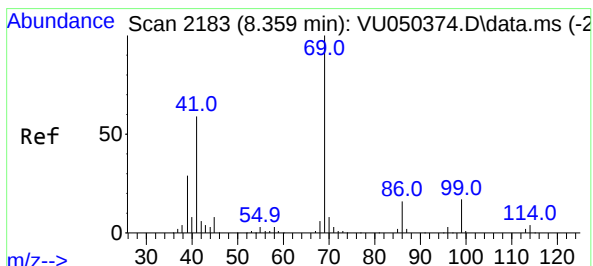
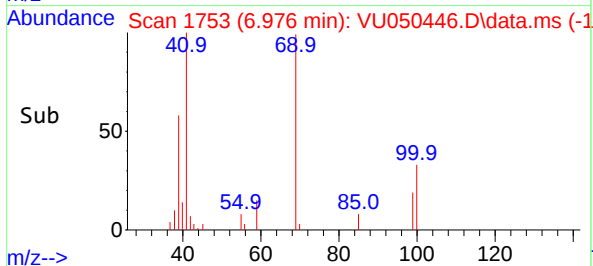
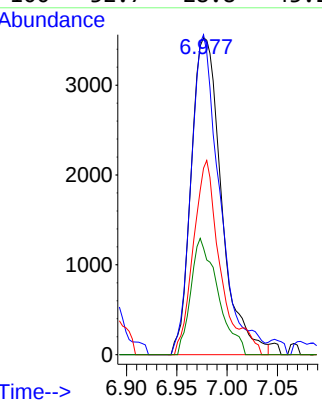
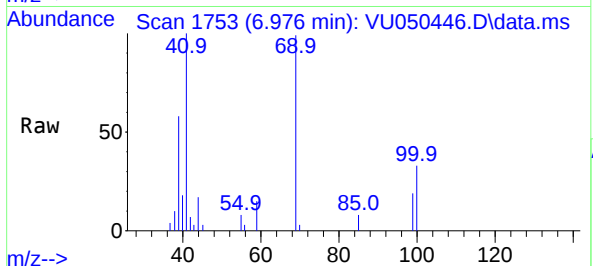
Ion Ratio Lower Upper

69 100

41 95.7 0.0 225.4

39 54.7 45.8 68.8

100 32.7 28.8 43.2



#48

Ethyl methacrylate

Concen: 1.177 ug/l

RT: 8.346 min Scan# 2179

Delta R.T. 0.010 min

Lab File: VU050446.D

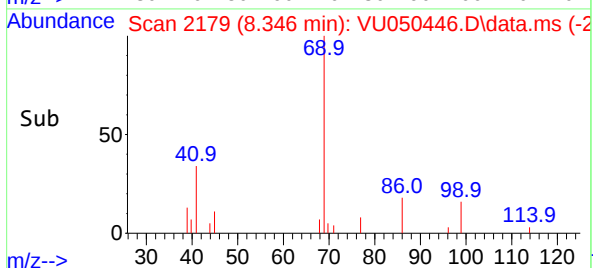
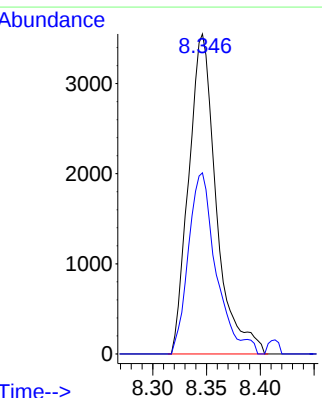
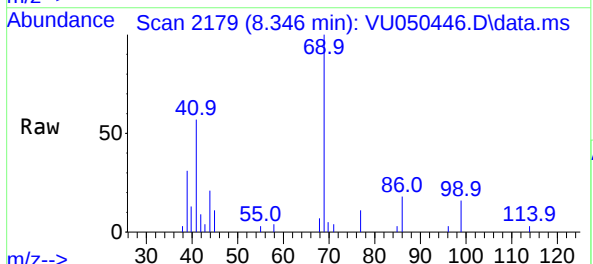
Acq: 25 Aug 2022 17:21

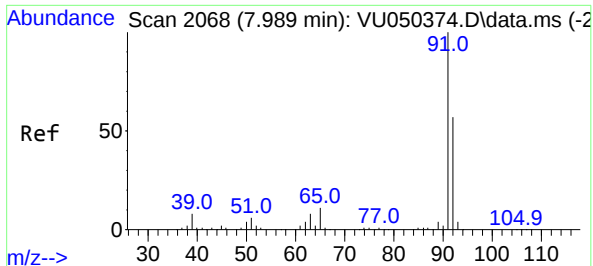
Tgt Ion: 69 Resp: 6326

Ion Ratio Lower Upper

69 100

41 55.2 32.3 96.9





#49

Toluene

Concen: 0.813 ug/l

RT: 7.970 min Scan# 2062

Delta R.T. 0.000 min

Lab File: VU050446.D

Acq: 25 Aug 2022 17:21

Instrument :

MSVOA_U

ClientSampleId :

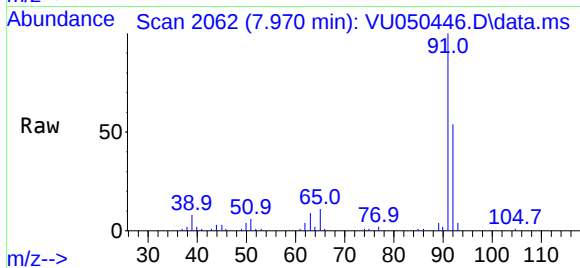
LOQ-WATER-02-QT3-2022

Tgt Ion: 92 Resp: 17065

Ion Ratio Lower Upper

92 100

91 183.5 138.6 207.8



Abundance

15000

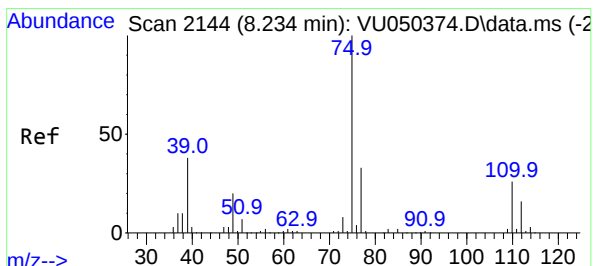
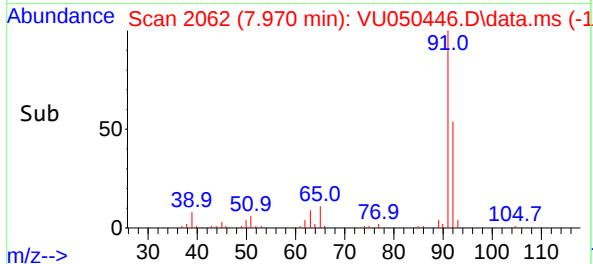
10000

5000

0

7.970

Time-->



#50

t-1,3-Dichloropropene

Concen: 0.863 ug/l

RT: 8.218 min Scan# 2139

Delta R.T. 0.006 min

Lab File: VU050446.D

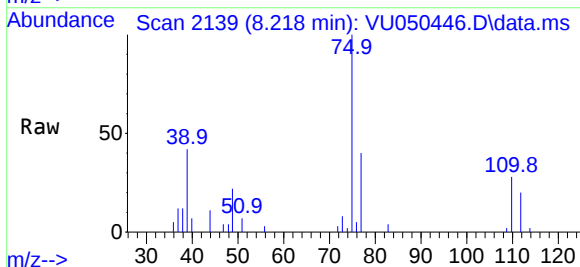
Acq: 25 Aug 2022 17:21

Tgt Ion: 75 Resp: 8958

Ion Ratio Lower Upper

75 100

77 40.2 24.7 37.1#



Abundance

4000

3000

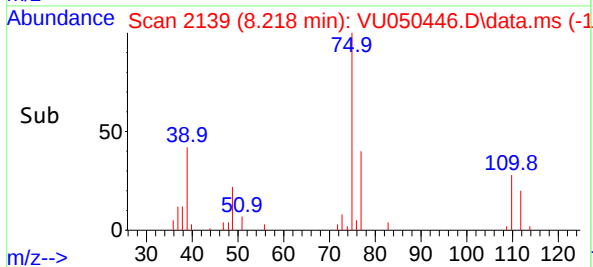
2000

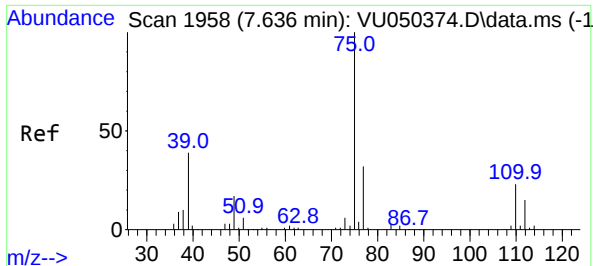
1000

0

8.218

Time-->





#51

cis-1,3-Dichloropropene

Concen: 0.920 ug/l

RT: 7.610 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VU050446.D

Acq: 25 Aug 2022 17:21

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT3-2022

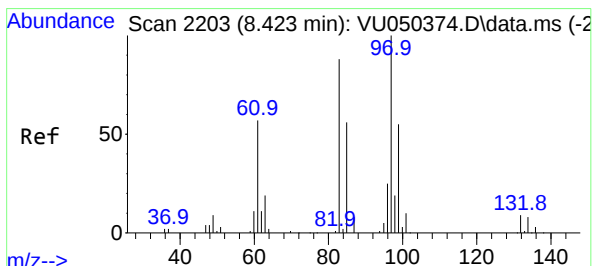
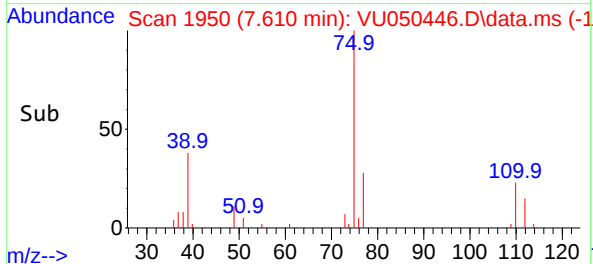
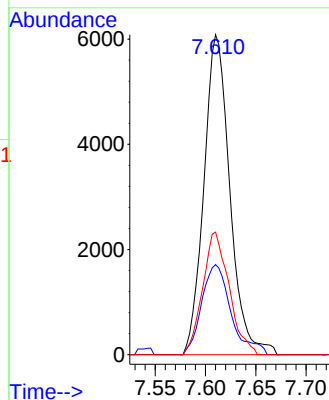
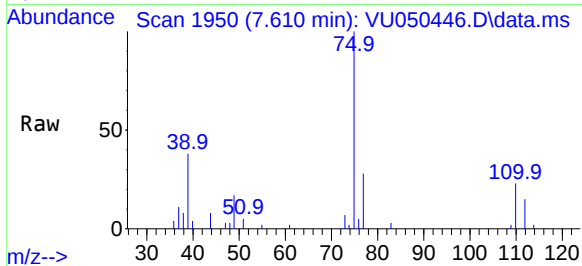
Tgt Ion: 75 Resp: 10937

Ion Ratio Lower Upper

75 100

77 28.1 25.4 38.0

39 38.3 35.1 52.7



#52

1,1,2-Trichloroethane

Concen: 1.059 ug/l

RT: 8.404 min Scan# 2197

Delta R.T. 0.003 min

Lab File: VU050446.D

Acq: 25 Aug 2022 17:21

Tgt Ion: 97 Resp: 8793

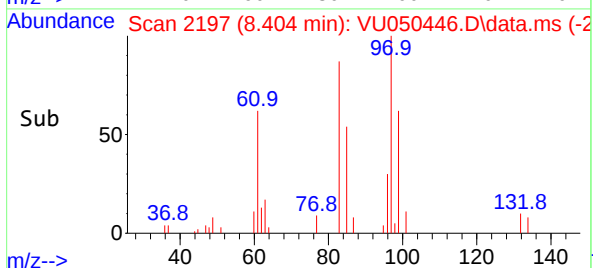
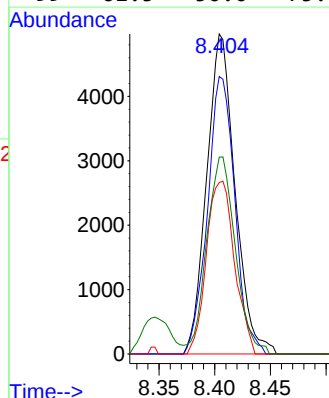
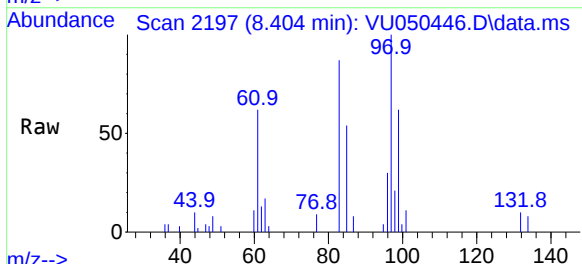
Ion Ratio Lower Upper

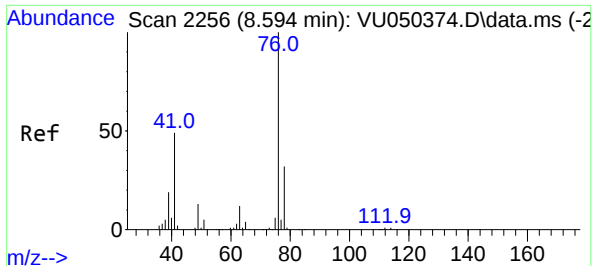
97 100

83 86.7 70.6 106.0

85 53.6 46.2 69.4

99 61.5 50.0 75.0





#53

1,3-Dichloropropane

Concen: 1.003 ug/l

RT: 8.581 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU050446.D

Acq: 25 Aug 2022 17:21

Instrument :

MSVOA_U

ClientSampleId :

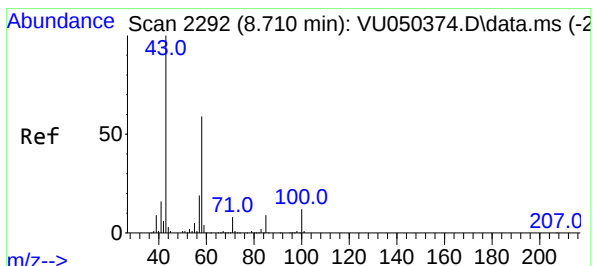
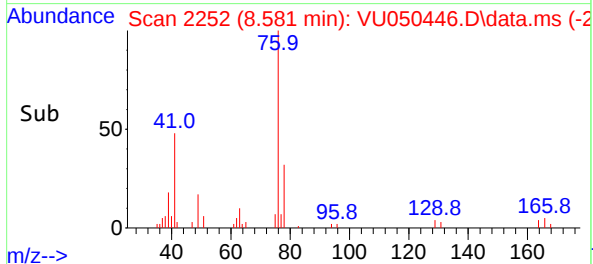
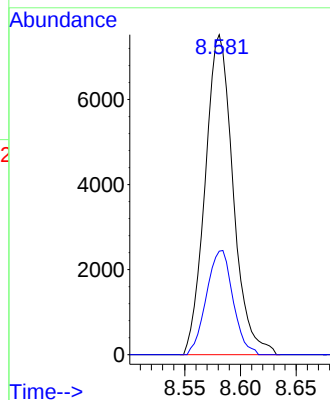
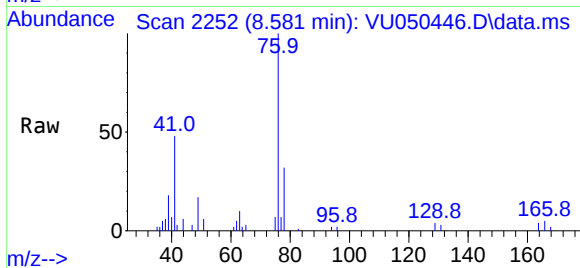
LOQ-WATER-02-QT3-2022

Tgt Ion: 76 Resp: 13116

Ion Ratio Lower Upper

76 100

78 30.9 26.0 39.0



#54

2-Hexanone

Concen: 4.175 ug/l

RT: 8.703 min Scan# 2290

Delta R.T. 0.013 min

Lab File: VU050446.D

Acq: 25 Aug 2022 17:21

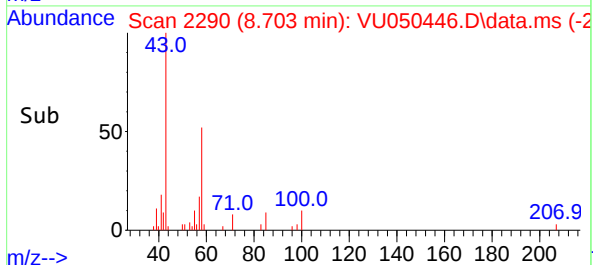
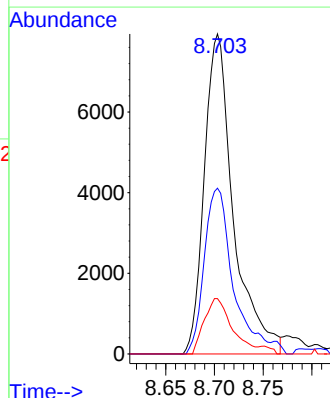
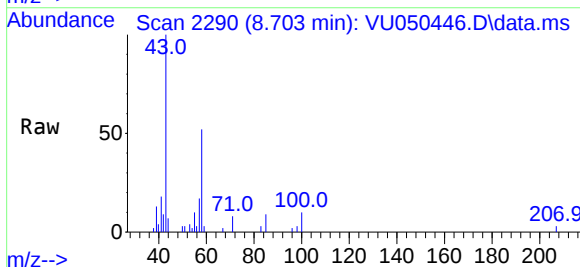
Tgt Ion: 43 Resp: 16487

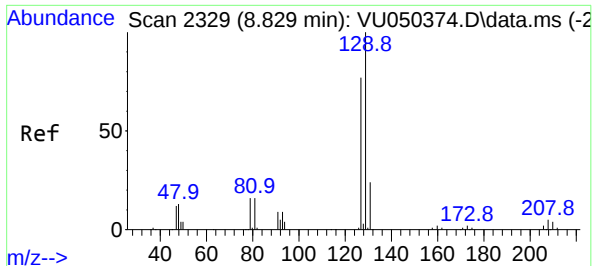
Ion Ratio Lower Upper

43 100

58 50.9 37.1 77.1

57 16.6 0.0 39.5

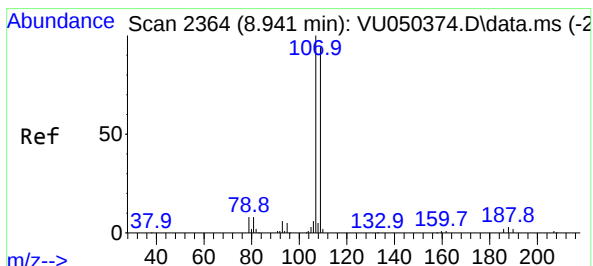
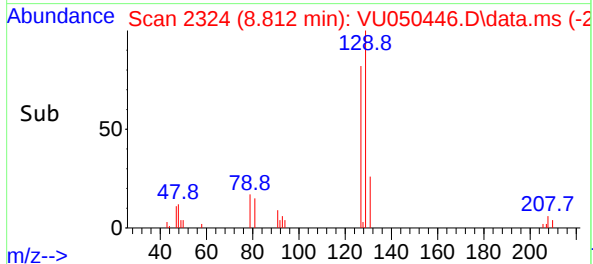
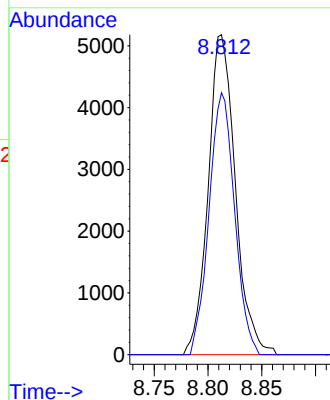
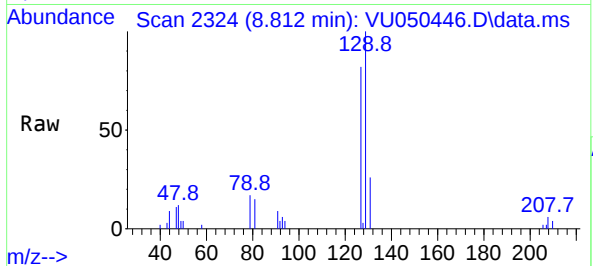




#55
Dibromochloromethane
Concen: 0.997 ug/l
RT: 8.812 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU050446.D
Acq: 25 Aug 2022 17:21

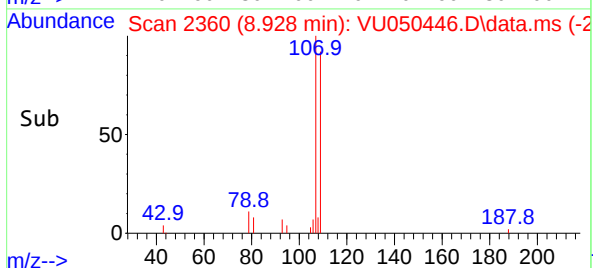
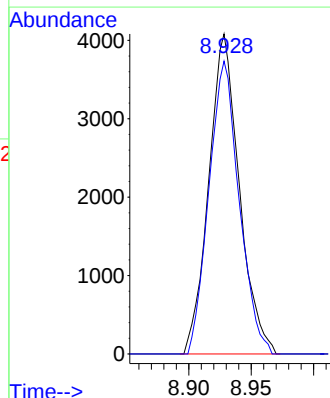
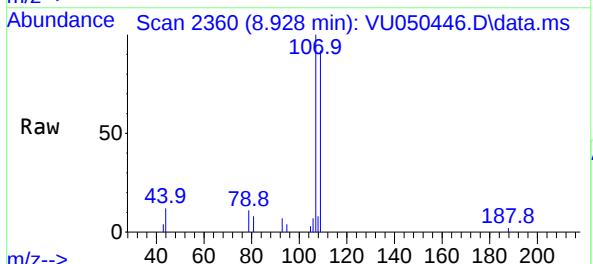
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT3-2022

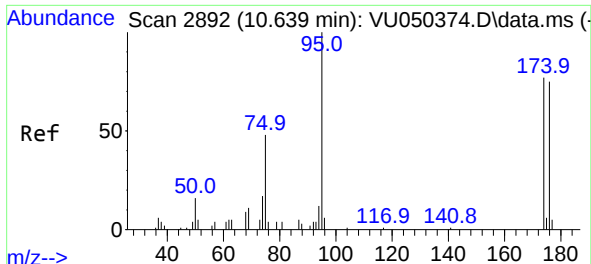
Tgt Ion:129 Resp: 9111
Ion Ratio Lower Upper
129 100
127 76.9 61.2 91.8



#56
1,2-Dibromoethane
Concen: 0.933 ug/l
RT: 8.928 min Scan# 2360
Delta R.T. 0.003 min
Lab File: VU050446.D
Acq: 25 Aug 2022 17:21

Tgt Ion:107 Resp: 6955
Ion Ratio Lower Upper
107 100
109 90.6 0.0 187.2

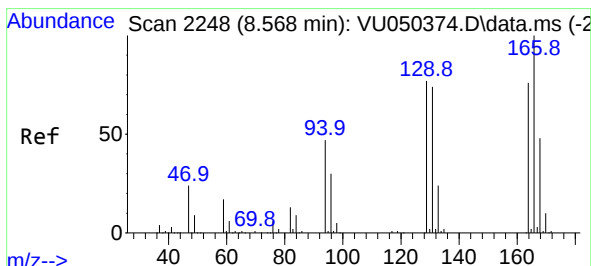
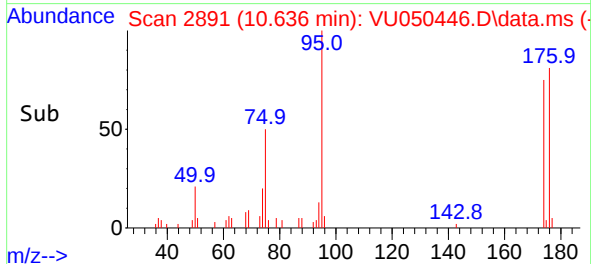
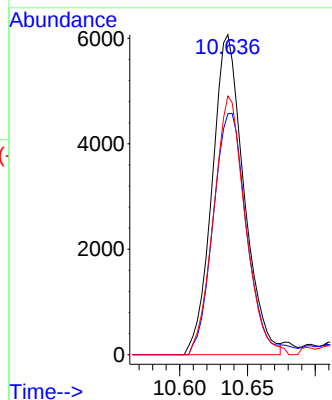
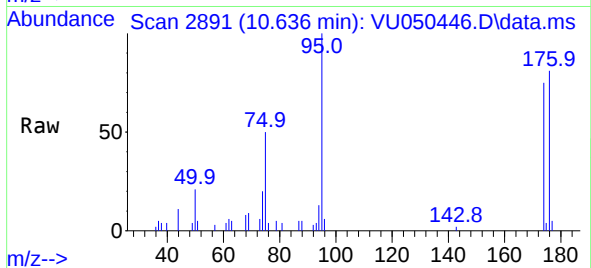




#57
4-Bromofluorobenzene
Concen: 0.919 ug/l
RT: 10.636 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU050446.D
Acq: 25 Aug 2022 17:21

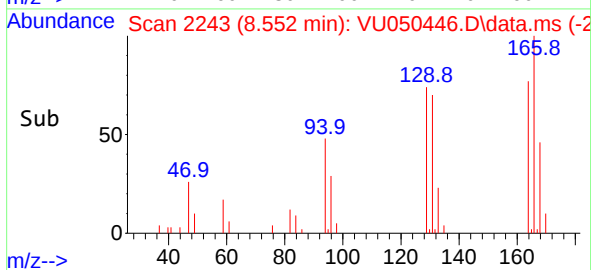
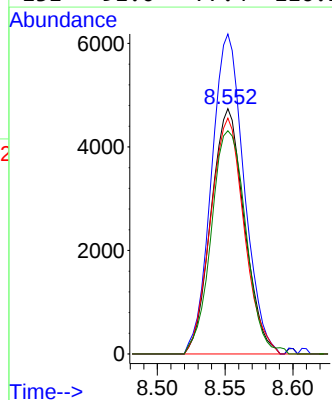
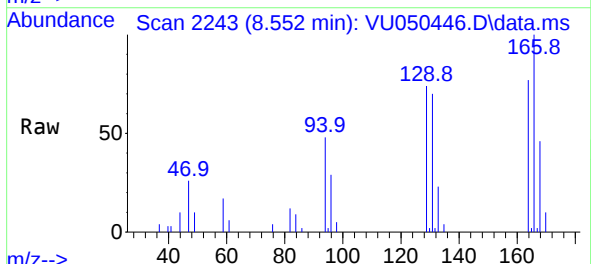
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT3-2022

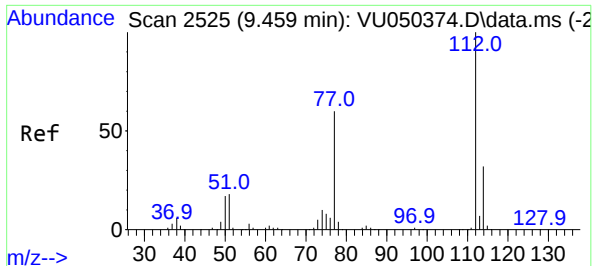
Tgt Ion: 95 Resp: 9894
Ion Ratio Lower Upper
95 100
174 79.8 62.4 93.6
176 80.4 56.2 84.2



#58
Tetrachloroethene
Concen: 0.918 ug/l
RT: 8.552 min Scan# 2243
Delta R.T. 0.000 min
Lab File: VU050446.D
Acq: 25 Aug 2022 17:21

Tgt Ion: 164 Resp: 8090
Ion Ratio Lower Upper
164 100
166 130.5 102.4 153.6
129 96.2 79.5 119.3
131 91.0 77.4 116.2





#59

Chlorobenzene

Concen: 0.923 ug/l

RT: 9.449 min Scan# 2525

Delta R.T. 0.000 min

Lab File: VU050446.D

Acq: 25 Aug 2022 17:21

Instrument :

MSVOA_U

ClientSampleId :

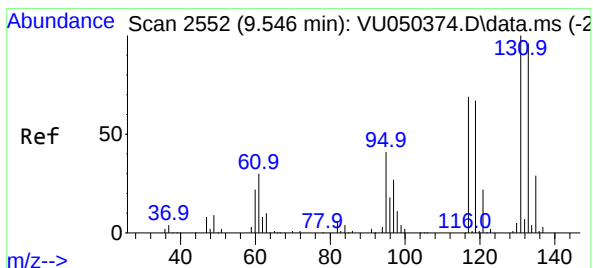
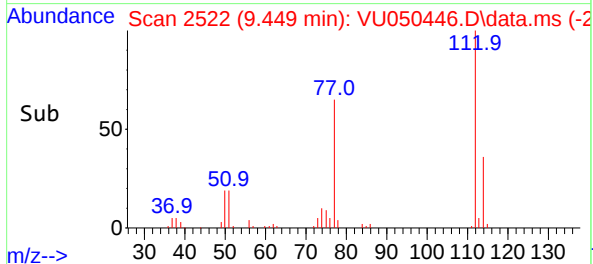
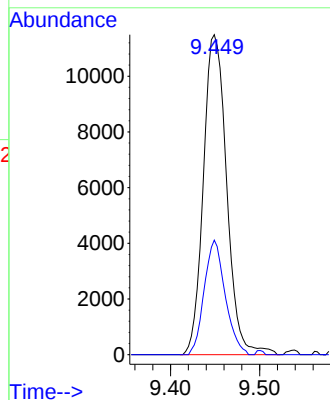
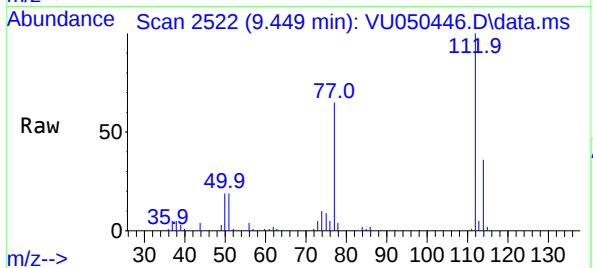
LOQ-WATER-02-QT3-2022

Tgt Ion:112 Resp: 20897

Ion Ratio Lower Upper

112 100

114 35.8 24.9 37.3



#60

1,1,1,2-Tetrachloroethane

Concen: 0.993 ug/l

RT: 9.536 min Scan# 2549

Delta R.T. 0.000 min

Lab File: VU050446.D

Acq: 25 Aug 2022 17:21

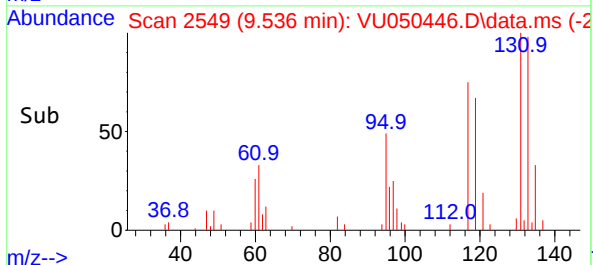
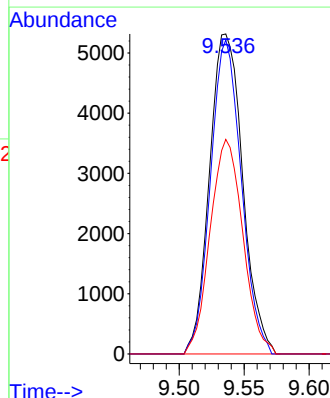
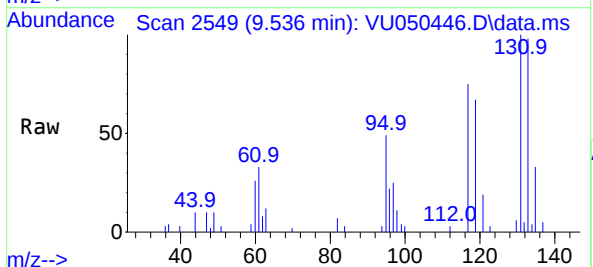
Tgt Ion:131 Resp: 9448

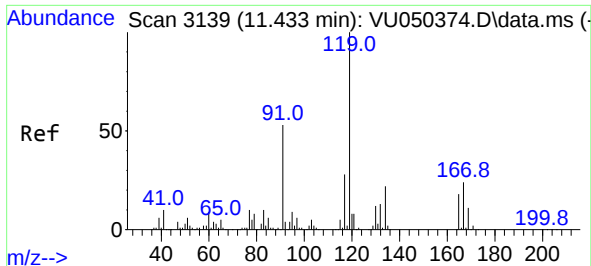
Ion Ratio Lower Upper

131 100

133 91.1 78.3 117.5

119 66.1 53.2 79.8

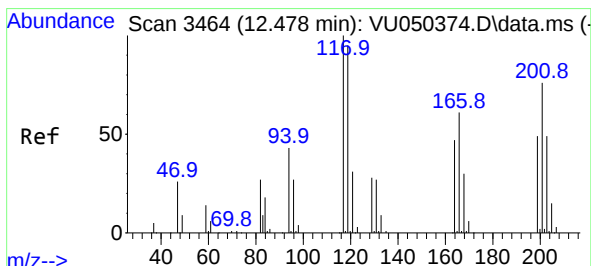
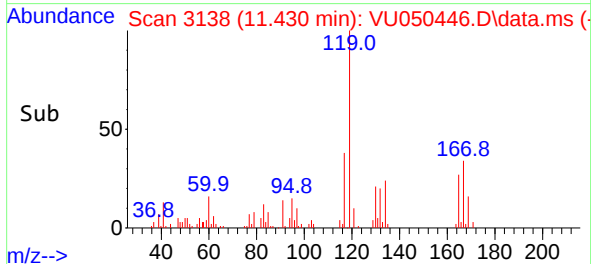
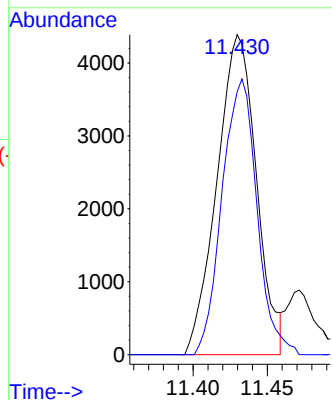
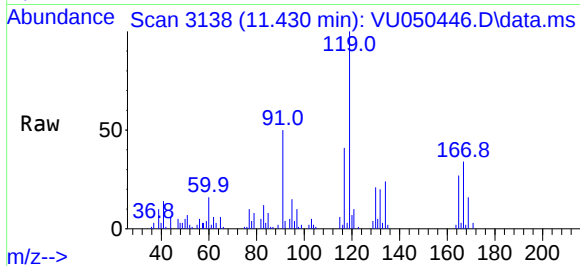




#61
 Pentachloroethane
 Concen: 1.025 ug/l
 RT: 11.430 min Scan# 3139
 Delta R.T. 0.000 min
 Lab File: VU050446.D
 Acq: 25 Aug 2022 17:21

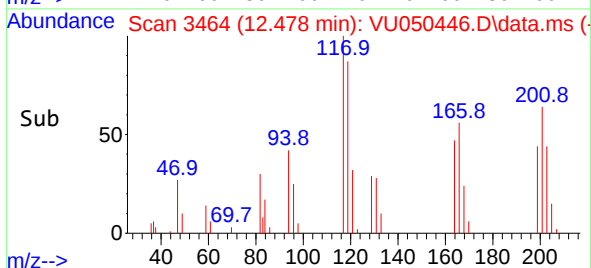
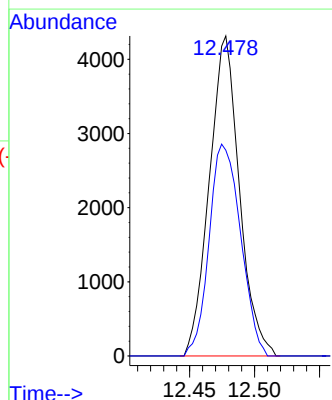
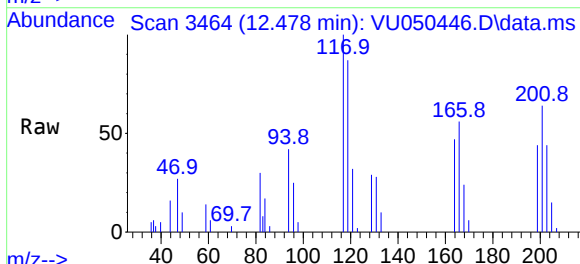
Instrument :
 MSVOA_U
 ClientSampleId :
 LOQ-WATER-02-QT3-2022

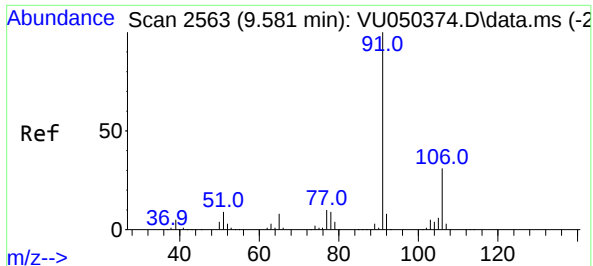
Tgt Ion:117 Resp: 8116
 Ion Ratio Lower Upper
 117 100
 167 76.0 66.2 99.4



#62
 Hexachloroethane
 Concen: 1.055 ug/l
 RT: 12.478 min Scan# 3464
 Delta R.T. 0.003 min
 Lab File: VU050446.D
 Acq: 25 Aug 2022 17:21

Tgt Ion:117 Resp: 6947
 Ion Ratio Lower Upper
 117 100
 201 69.3 61.0 91.4





#63

Ethyl Benzene

Concen: 1.174 ug/l

RT: 9.571 min Scan# 2563

Delta R.T. 0.000 min

Lab File: VU050446.D

Acq: 25 Aug 2022 17:21

Instrument :

MSVOA_U

ClientSampleId :

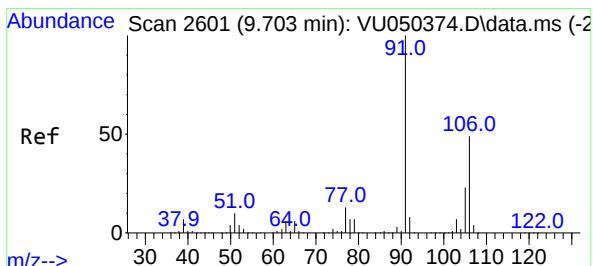
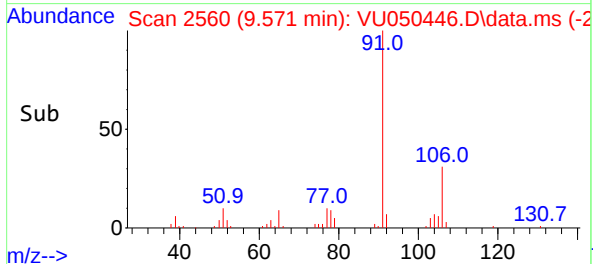
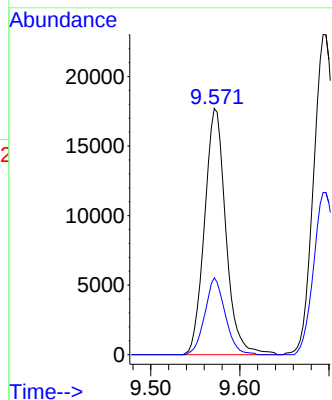
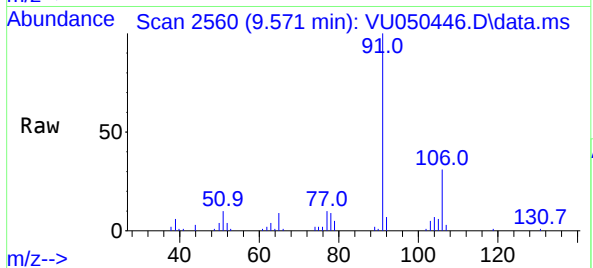
LOQ-WATER-02-QT3-2022

Tgt Ion: 91 Resp: 29361

Ion Ratio Lower Upper

91 100

106 31.2 24.4 36.6



#64

m/p-Xylenes

Concen: 2.201 ug/l

RT: 9.693 min Scan# 2598

Delta R.T. 0.000 min

Lab File: VU050446.D

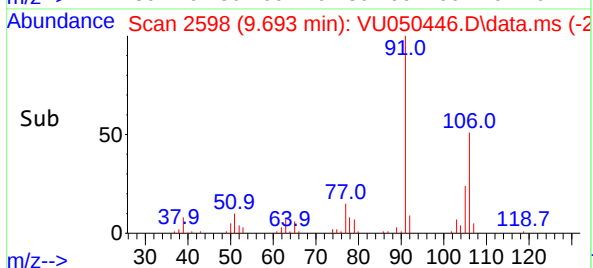
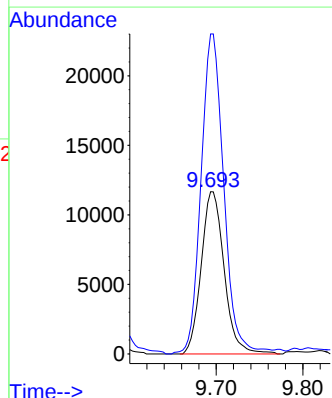
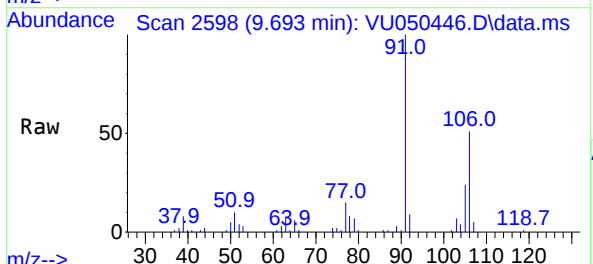
Acq: 25 Aug 2022 17:21

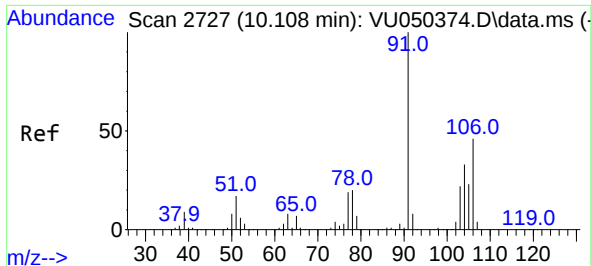
Tgt Ion: 106 Resp: 21466

Ion Ratio Lower Upper

106 100

91 195.1 167.8 251.6

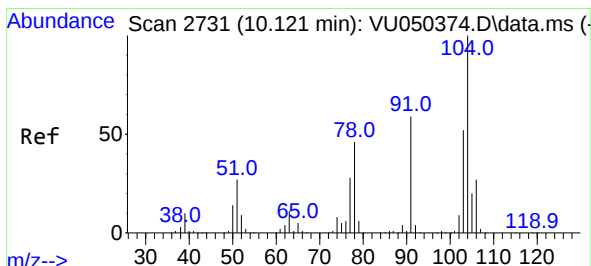
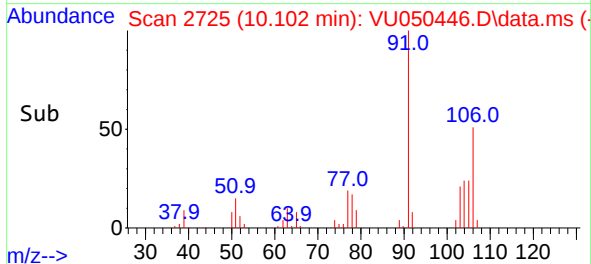
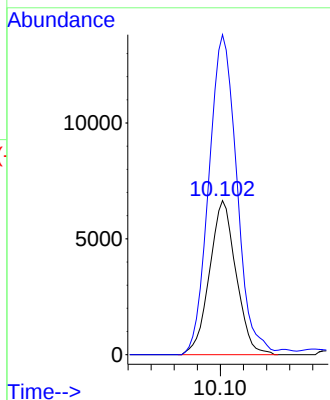
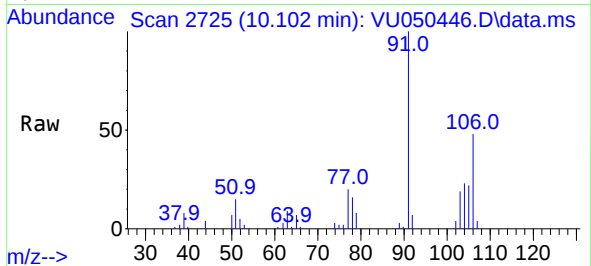




#65
o-Xylene
Concen: 1.106 ug/l
RT: 10.102 min Scan# 2725
Delta R.T. 0.000 min
Lab File: VU050446.D
Acq: 25 Aug 2022 17:21

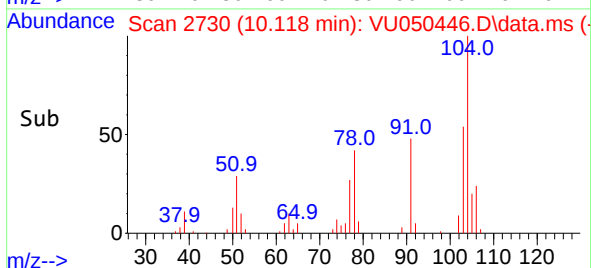
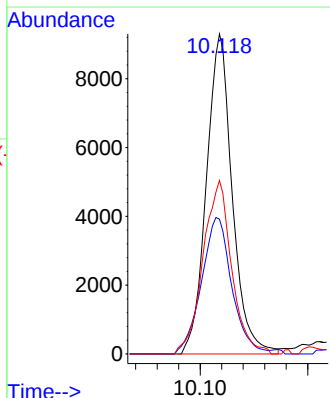
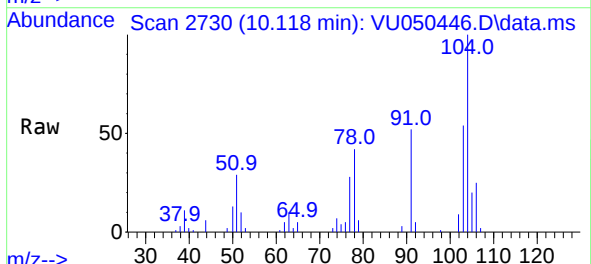
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT3-2022

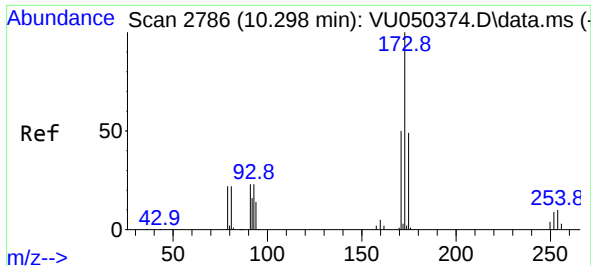
Tgt Ion:106 Resp: 10606
Ion Ratio Lower Upper
106 100
91 219.0 111.1 333.2



#66
Styrene
Concen: 1.084 ug/l
RT: 10.118 min Scan# 2730
Delta R.T. 0.003 min
Lab File: VU050446.D
Acq: 25 Aug 2022 17:21

Tgt Ion:104 Resp: 15523
Ion Ratio Lower Upper
104 100
78 49.9 42.1 63.1
103 59.8 44.5 66.7

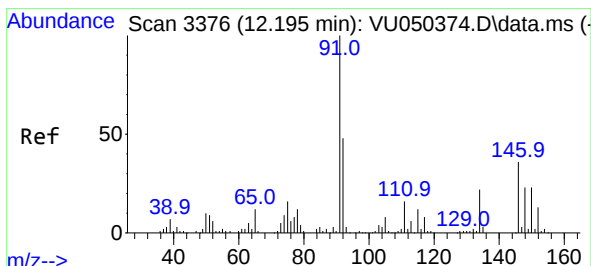
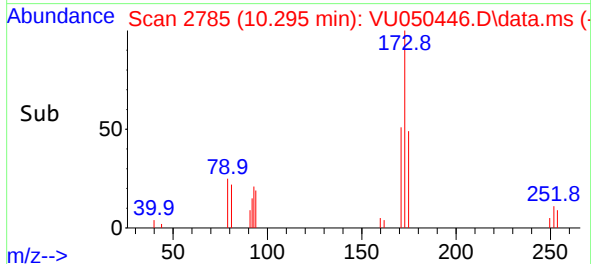
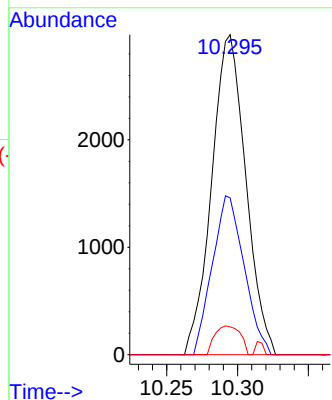
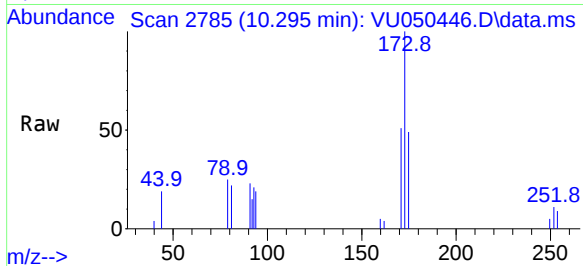




#67
Bromoform
Concen: 0.962 ug/l
RT: 10.295 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU050446.D
Acq: 25 Aug 2022 17:21

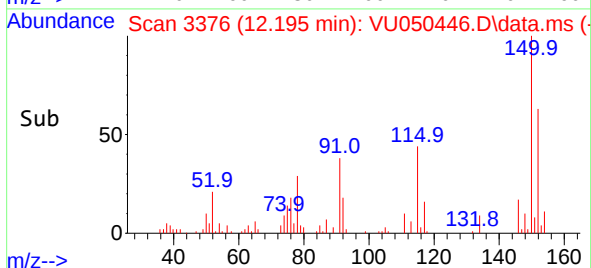
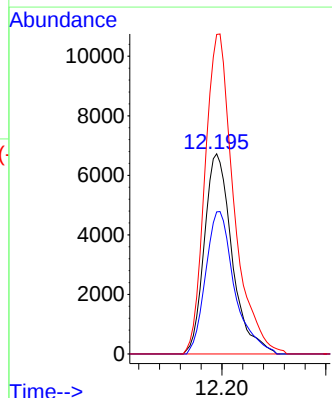
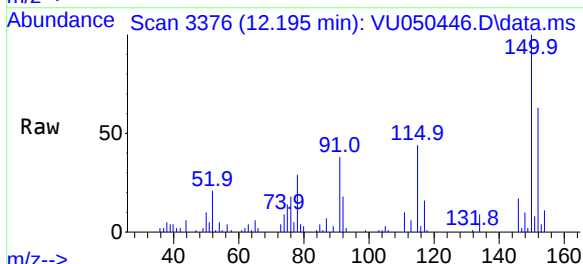
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT3-2022

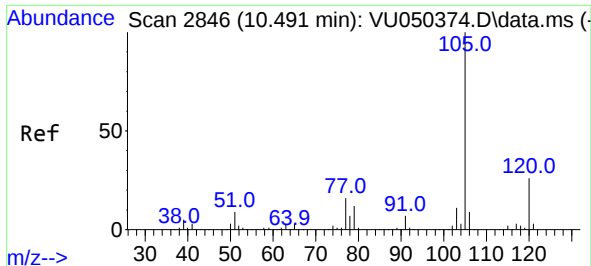
Tgt Ion:	173	Resp:	4992
Ion Ratio	Lower	Upper	
173	100		
175	46.3	38.4	57.6
254	6.7	7.7	11.5



#68
1,2-Dichlorobenzene-d4
Concen: 0.979 ug/l
RT: 12.195 min Scan# 3376
Delta R.T. 0.000 min
Lab File: VU050446.D
Acq: 25 Aug 2022 17:21

Tgt Ion:	152	Resp:	12465
Ion Ratio	Lower	Upper	
152	100		
115	74.0	0.0	254.6
150	165.8	0.0	623.6

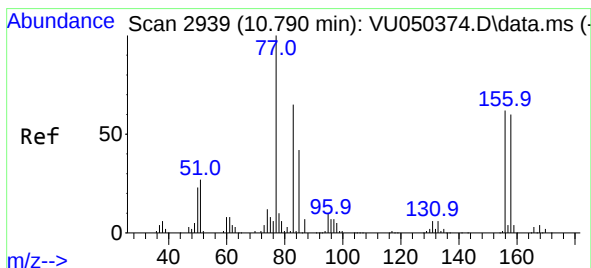
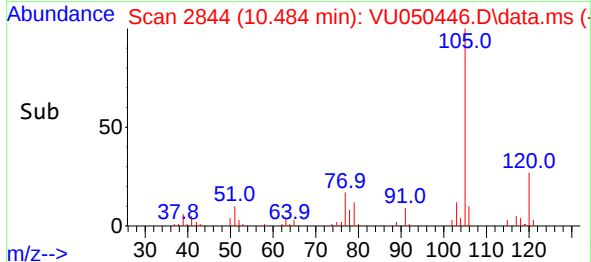
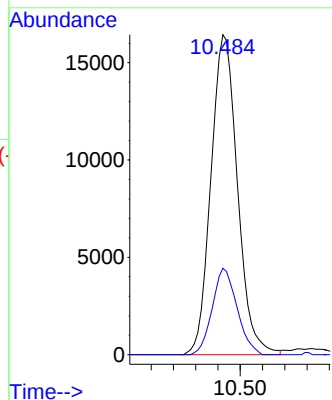
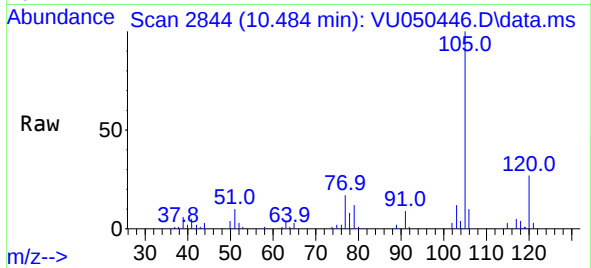




#69
Isopropylbenzene
Concen: 1.142 ug/l
RT: 10.484 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU050446.D
Acq: 25 Aug 2022 17:21

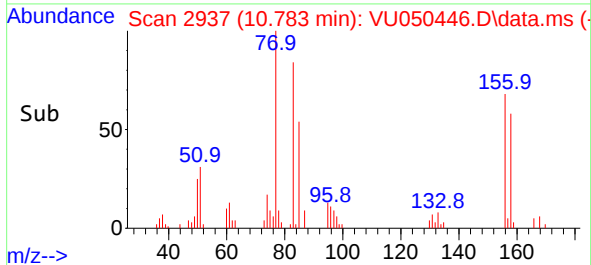
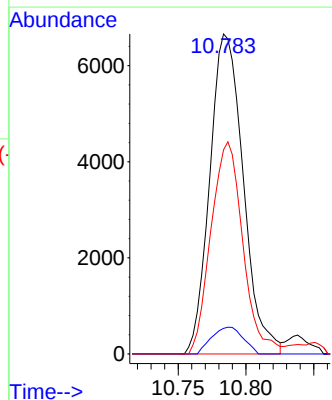
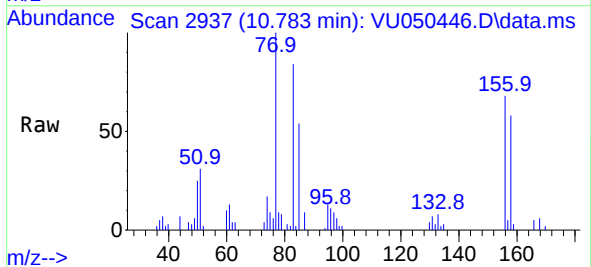
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT3-2022

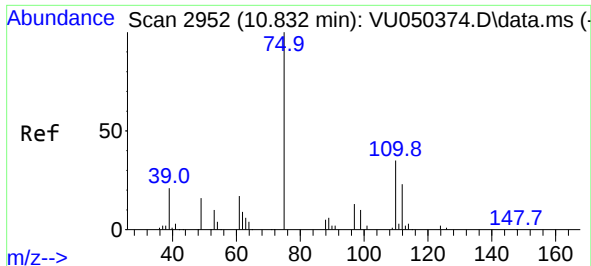
Tgt Ion:105 Resp: 27179
Ion Ratio Lower Upper
105 100
120 25.2 12.6 37.8



#70
1,1,2,2-Tetrachloroethane
Concen: 1.000 ug/l
RT: 10.783 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VU050446.D
Acq: 25 Aug 2022 17:21

Tgt Ion: 83 Resp: 11431
Ion Ratio Lower Upper
83 100
131 7.8 7.7 11.5
85 63.4 51.2 76.8

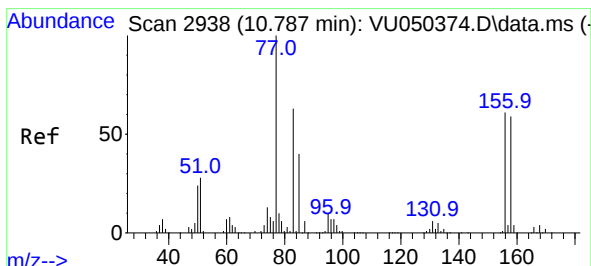
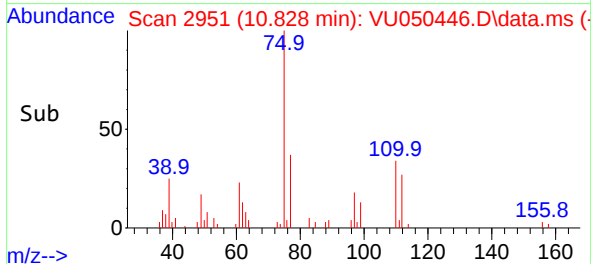
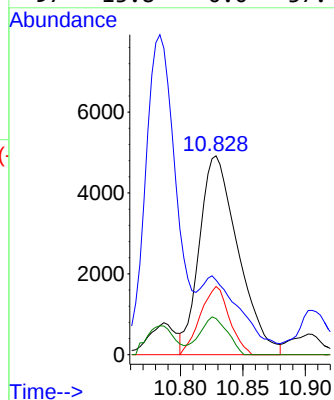
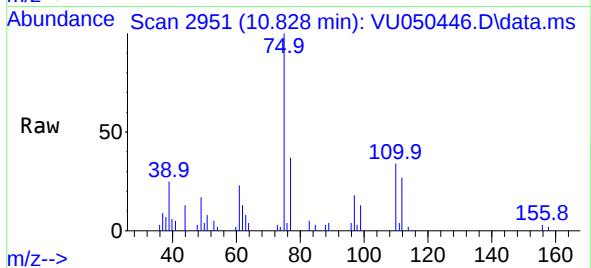




#71
1,2,3-Trichloropropane
Concen: 1.235 ug/l
RT: 10.828 min Scan# 2952
Delta R.T. 0.003 min
Lab File: VU050446.D
Acq: 25 Aug 2022 17:21

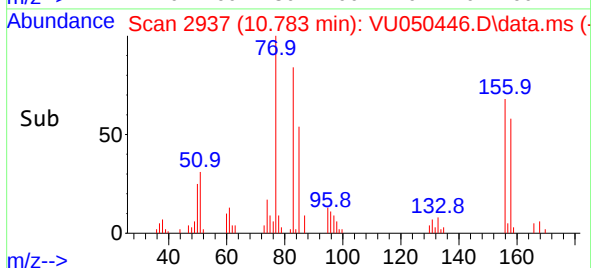
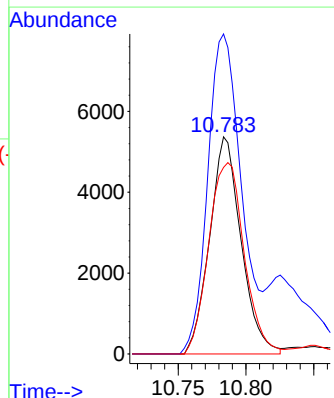
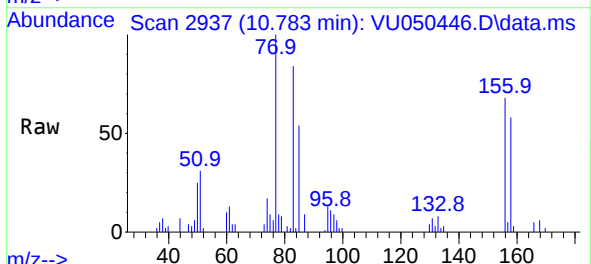
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT3-2022

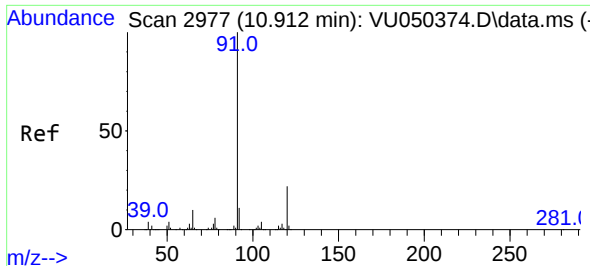
Tgt Ion: 75	Resp: 10612
Ion Ratio	Lower Upper
75 100	
77 0.0	0.0 112.4
110 25.7	0.0 70.6
97 13.8	0.0 37.4



#72
Bromobenzene
Concen: 0.888 ug/l
RT: 10.783 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VU050446.D
Acq: 25 Aug 2022 17:21

Tgt Ion:156	Resp:	8678	
Ion	Ratio	Lower	Upper
156	100		
77	158.2	0.0	344.4
158	99.7	0.0	192.2

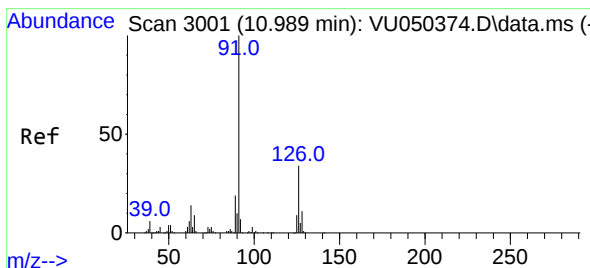
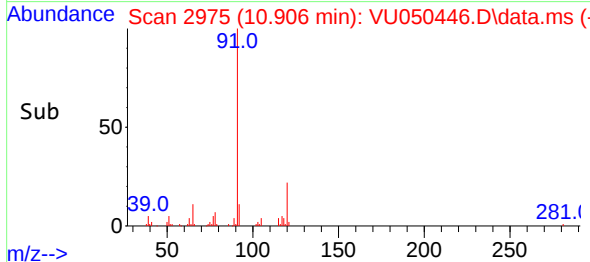
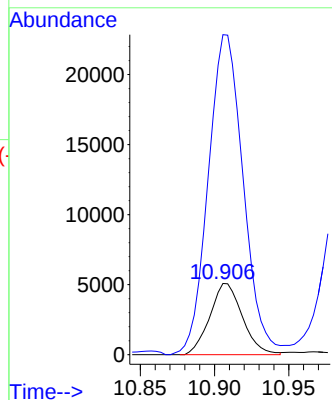
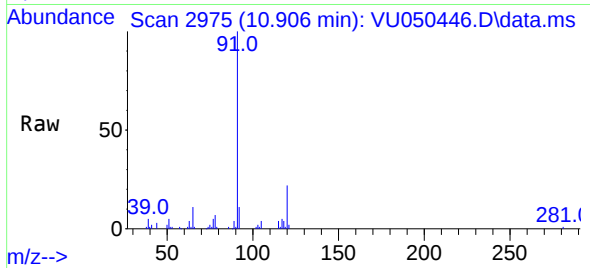




#73
n-propylbenzene
Concen: 1.177 ug/l
RT: 10.906 min Scan# 2975
Delta R.T. 0.000 min
Lab File: VU050446.D
Acq: 25 Aug 2022 17:21

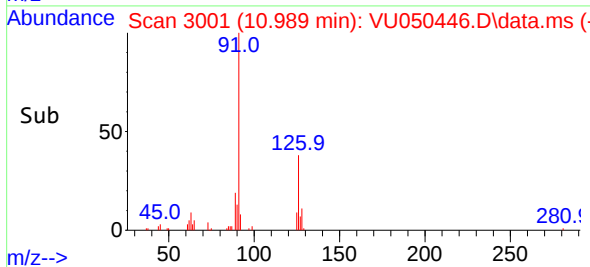
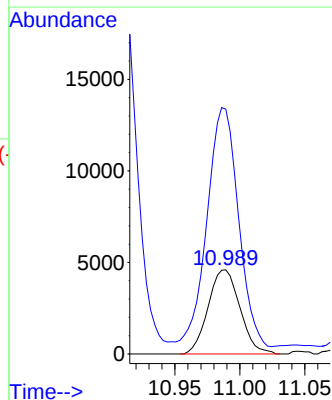
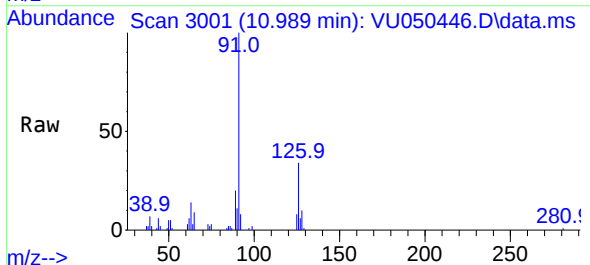
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT3-2022

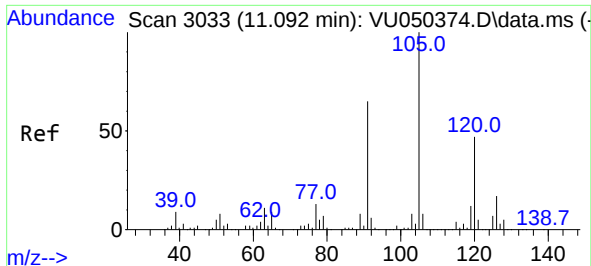
Tgt Ion:120 Resp: 7771
Ion Ratio Lower Upper
120 100
91 484.7 367.8 551.6



#74
2-Chlorotoluene
Concen: 1.052 ug/l
RT: 10.989 min Scan# 3001
Delta R.T. 0.003 min
Lab File: VU050446.D
Acq: 25 Aug 2022 17:21

Tgt Ion:126 Resp: 7800
Ion Ratio Lower Upper
126 100
91 286.0 0.0 620.6

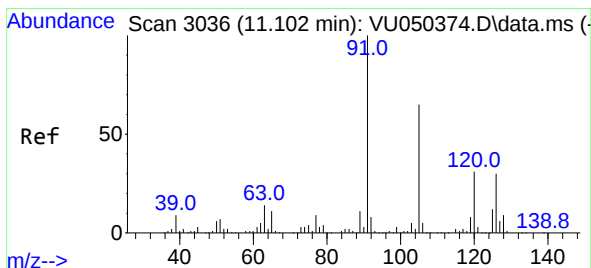
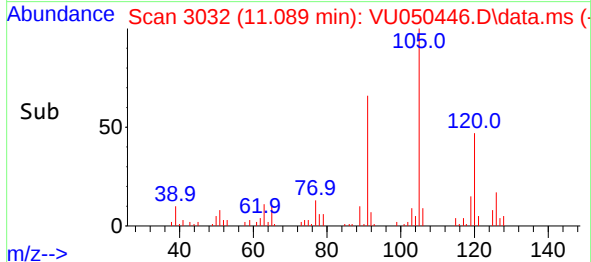
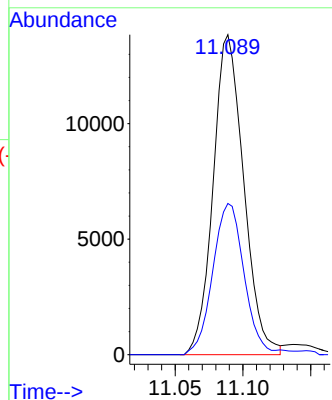
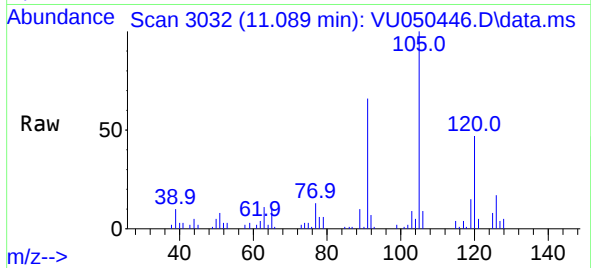




#75
 1,3,5-Trimethylbenzene
 Concen: 1.038 ug/l
 RT: 11.089 min Scan# 3033
 Delta R.T. 0.000 min
 Lab File: VU050446.D
 Acq: 25 Aug 2022 17:21

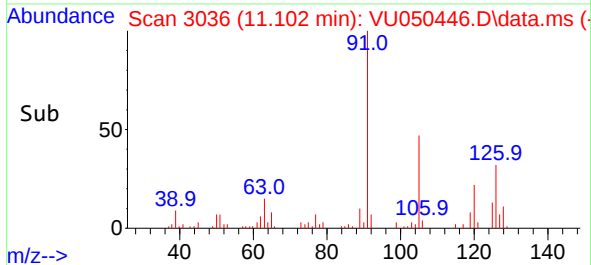
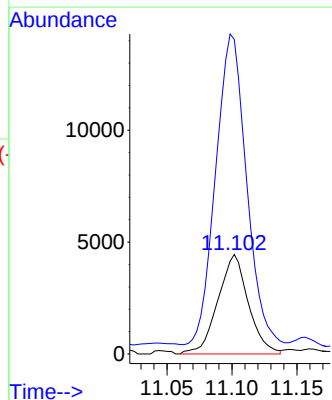
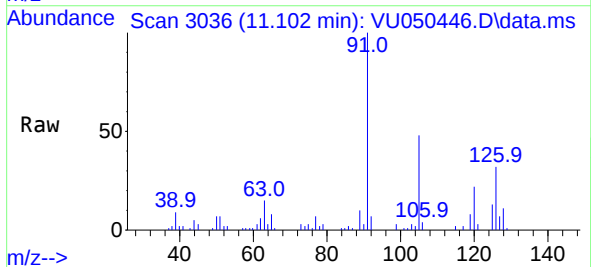
Instrument : MSVOA_U
 ClientSampleId : LOQ-WATER-02-QT3-2022

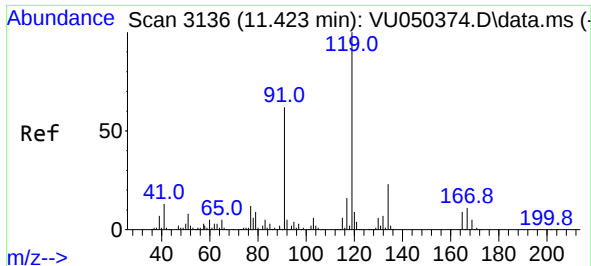
Tgt Ion:105 Resp: 21699
 Ion Ratio Lower Upper
 105 100
 120 49.0 37.6 56.4



#76
 4-Chlorotoluene
 Concen: 0.990 ug/l
 RT: 11.102 min Scan# 3036
 Delta R.T. 0.003 min
 Lab File: VU050446.D
 Acq: 25 Aug 2022 17:21

Tgt Ion:126 Resp: 7246
 Ion Ratio Lower Upper
 126 100
 91 322.6 0.0 738.8

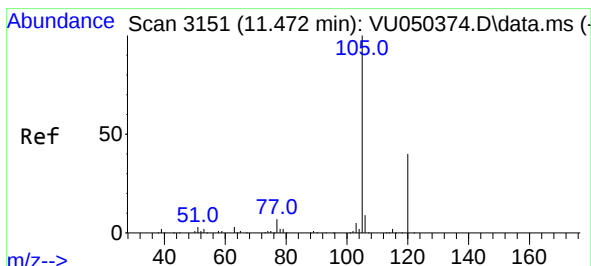
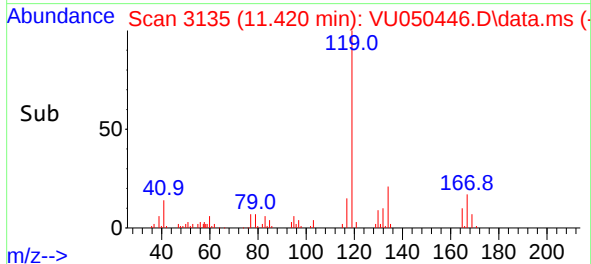
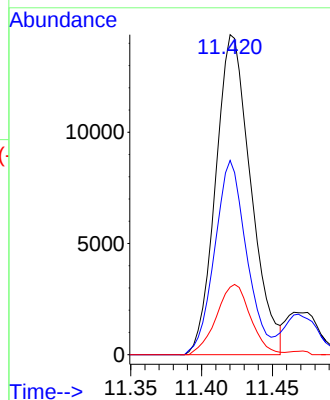
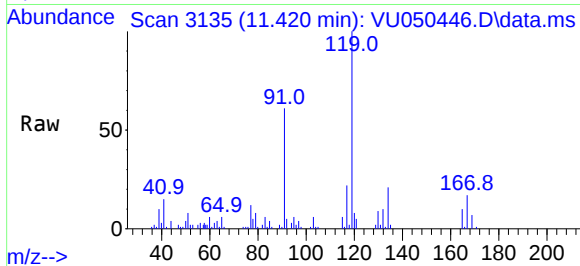




#77
tert-Butylbenzene
Concen: 1.122 ug/l
RT: 11.420 min Scan# 3136
Delta R.T. 0.000 min
Lab File: VU050446.D
Acq: 25 Aug 2022 17:21

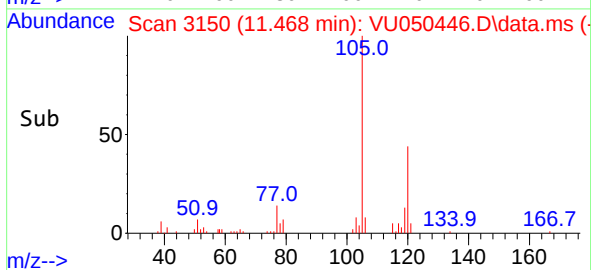
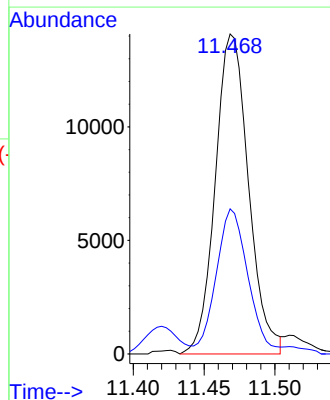
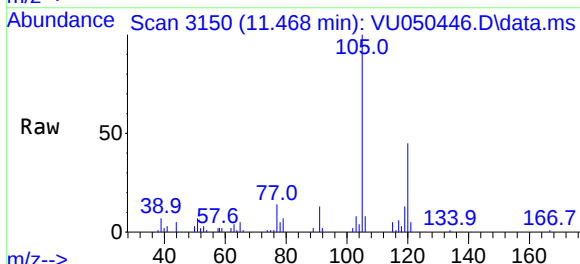
Instrument : MSVOA_U
ClientSampleId : LOQ-WATER-02-QT3-2022

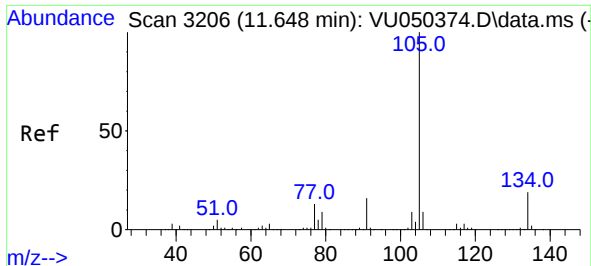
Tgt Ion:	119	Resp:	24889
Ion	Ratio	Lower	Upper
119	100		
91	54.9	30.4	91.3
134	21.3	17.8	26.6



#78
1,2,4-Trimethylbenzene
Concen: 1.084 ug/l
RT: 11.468 min Scan# 3150
Delta R.T. 0.000 min
Lab File: VU050446.D
Acq: 25 Aug 2022 17:21

Tgt Ion:	105	Resp:	23021
Ion	Ratio	Lower	Upper
105	100		
120	39.8	21.6	65.0

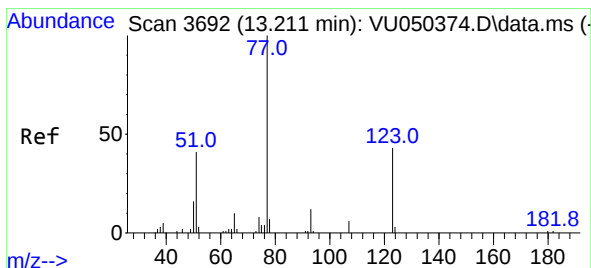
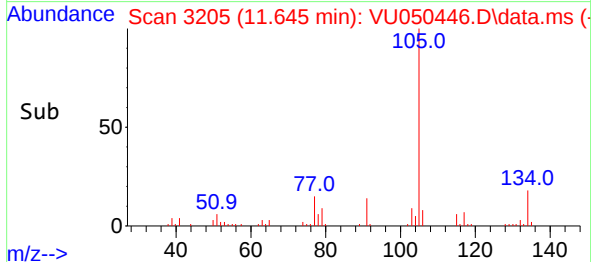
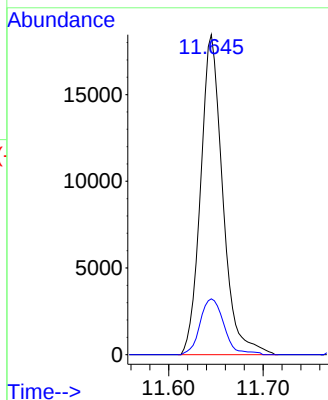
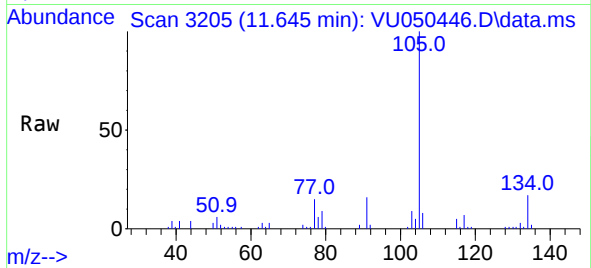




#79
 sec-Butylbenzene
 Concen: 1.099 ug/l
 RT: 11.645 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU050446.D
 Acq: 25 Aug 2022 17:21

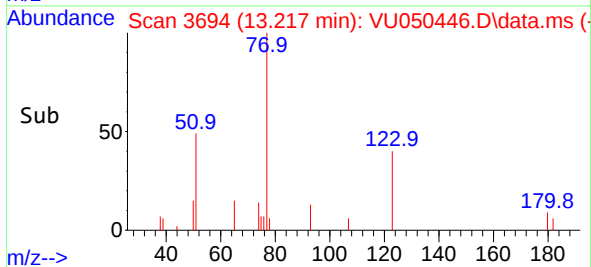
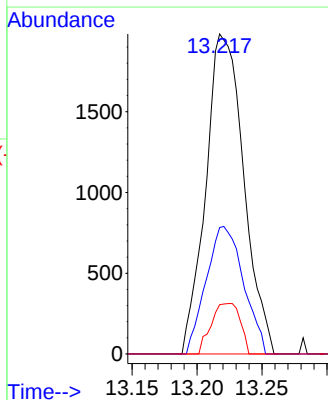
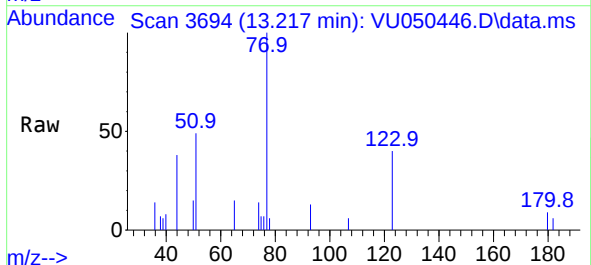
Instrument :
 MSVOA_U
 ClientSampleId :
 LOQ-WATER-02-QT3-2022

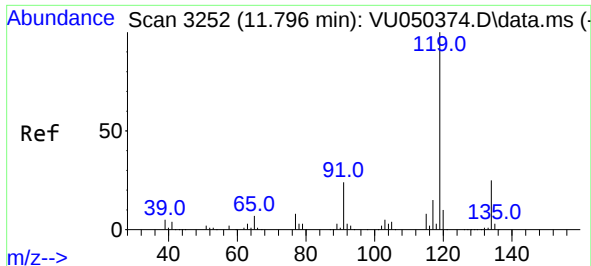
Tgt Ion:105 Resp: 30000
 Ion Ratio Lower Upper
 105 100
 134 19.0 15.4 23.0



#80
 Nitrobenzene
 Concen: 6.496 ug/l
 RT: 13.217 min Scan# 3694
 Delta R.T. 0.010 min
 Lab File: VU050446.D
 Acq: 25 Aug 2022 17:21

Tgt Ion: 77 Resp: 4027
 Ion Ratio Lower Upper
 77 100
 123 39.3 18.1 64.3
 65 12.0 10.8 13.8

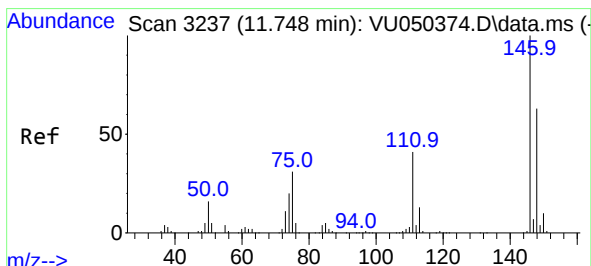
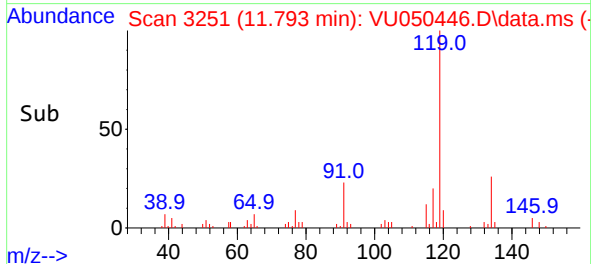
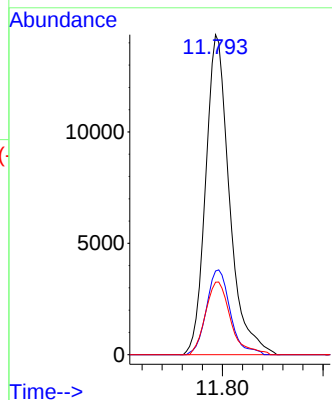
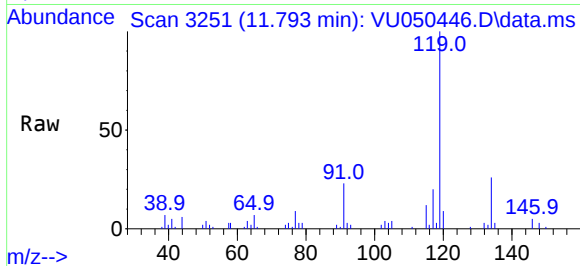




#81
p-Isopropyltoluene
Concen: 1.131 ug/l
RT: 11.793 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU050446.D
Acq: 25 Aug 2022 17:21

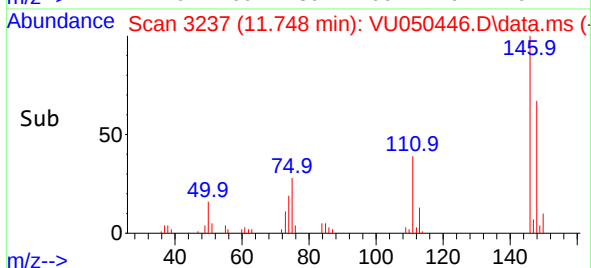
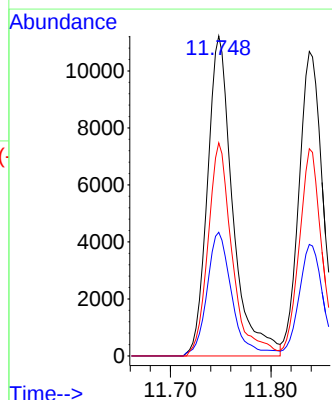
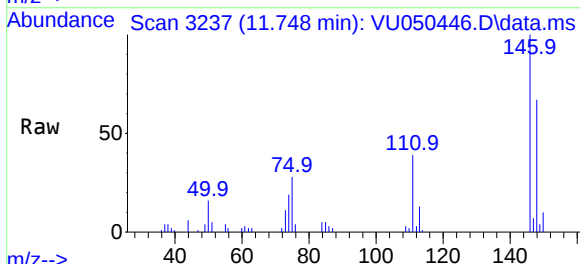
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT3-2022

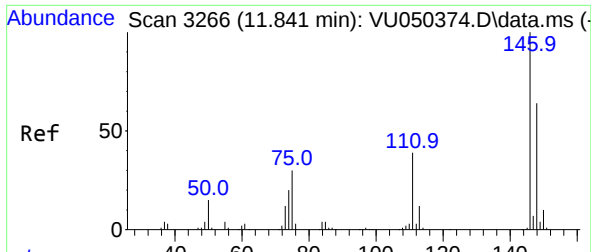
Tgt Ion:	119	Resp:	23587
Ion	Ratio	Lower	Upper
119	100		
134	26.6	20.5	30.7
91	24.0	19.8	29.6



#82
1,3-Dichlorobenzene
Concen: 0.975 ug/l
RT: 11.748 min Scan# 3237
Delta R.T. 0.003 min
Lab File: VU050446.D
Acq: 25 Aug 2022 17:21

Tgt Ion:	146	Resp:	19618
Ion	Ratio	Lower	Upper
146	100		
111	38.5	33.4	50.2
148	63.8	51.2	76.8

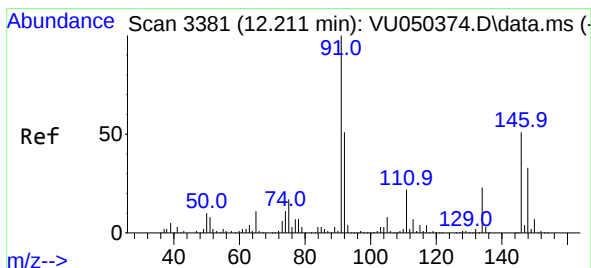
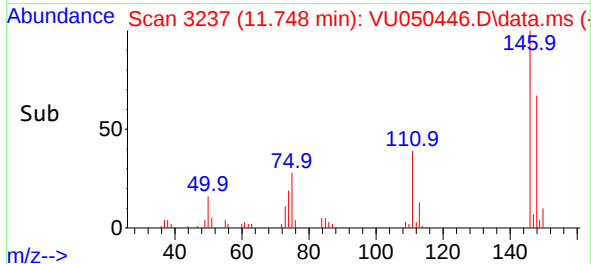
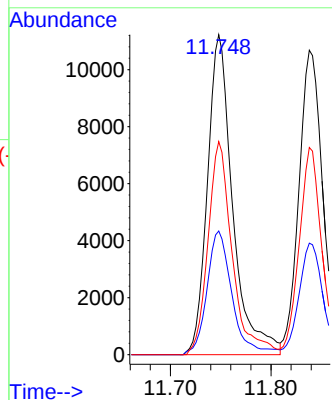
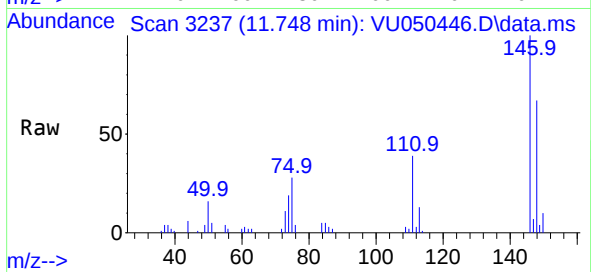




#83
1,4-Dichlorobenzene
Concen: 0.981 ug/l
RT: 11.748 min Scan# 31
Delta R.T. -0.087 min
Lab File: VU050446.D
Acq: 25 Aug 2022 17:21

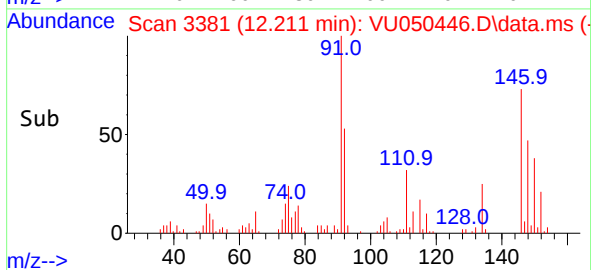
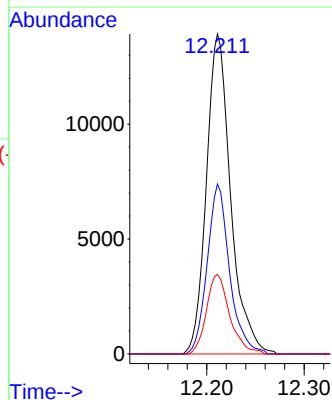
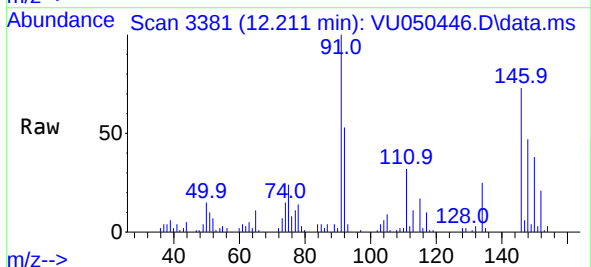
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT3-2022

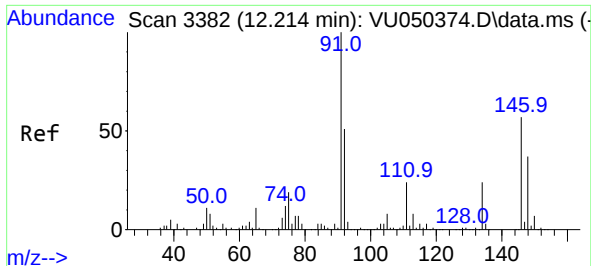
Tgt Ion:146 Resp: 19618
Ion Ratio Lower Upper
146 100
111 38.5 32.6 49.0
148 63.8 51.6 77.4



#84
n-Butylbenzene
Concen: 1.175 ug/l
RT: 12.211 min Scan# 3381
Delta R.T. 0.000 min
Lab File: VU050446.D
Acq: 25 Aug 2022 17:21

Tgt Ion: 91 Resp: 24073
Ion Ratio Lower Upper
91 100
92 49.0 42.3 63.5
134 23.9 19.6 29.4

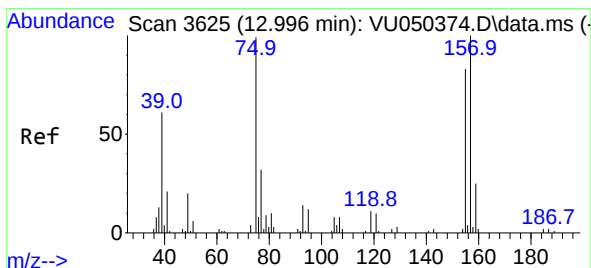
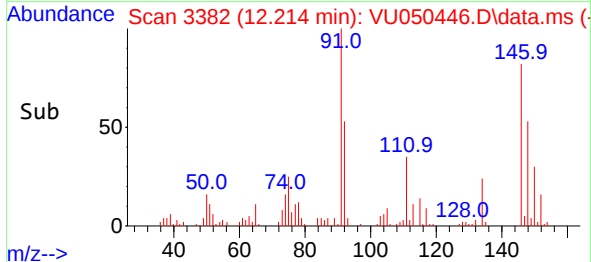
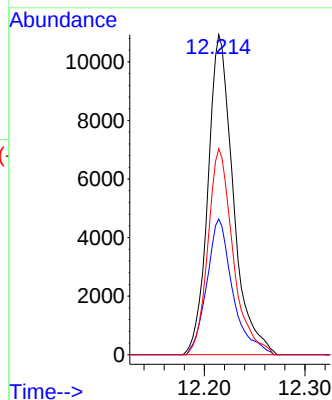
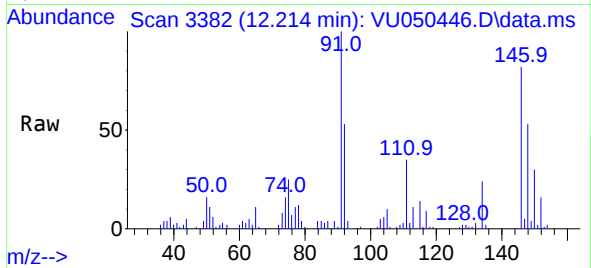




#85
1,2-Dichlorobenzene
Concen: 0.964 ug/l
RT: 12.214 min Scan# 311
Delta R.T. 0.003 min
Lab File: VU050446.D
Acq: 25 Aug 2022 17:21

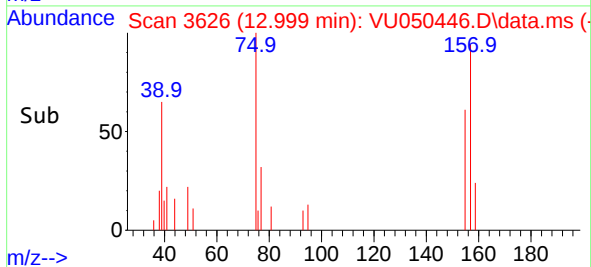
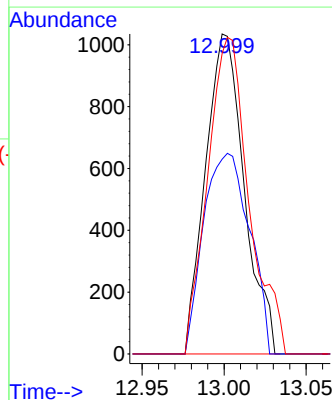
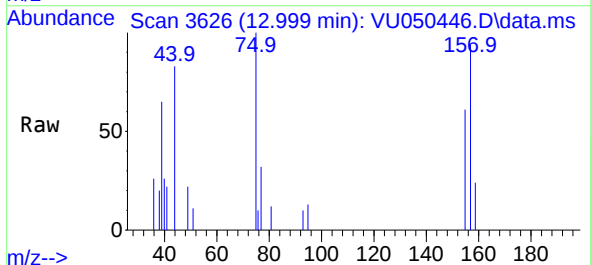
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT3-2022

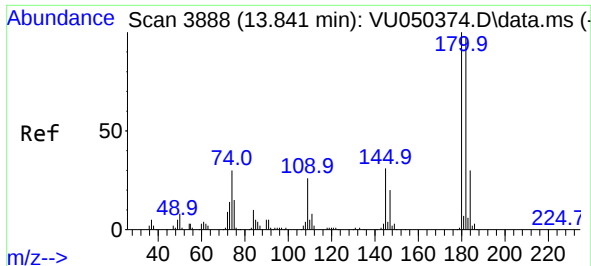
Tgt Ion:	146	Resp:	19077
Ion	Ratio	Lower	Upper
146	100		
111	43.5	22.1	66.1
148	64.1	32.1	96.3



#86
1,2-Dibromo-3-Chloropropane
Concen: 0.943 ug/l
RT: 12.999 min Scan# 3626
Delta R.T. 0.003 min
Lab File: VU050446.D
Acq: 25 Aug 2022 17:21

Tgt Ion:	75	Resp:	1700
Ion	Ratio	Lower	Upper
75	100		
155	74.4	66.8	100.2
157	105.5	83.8	125.8

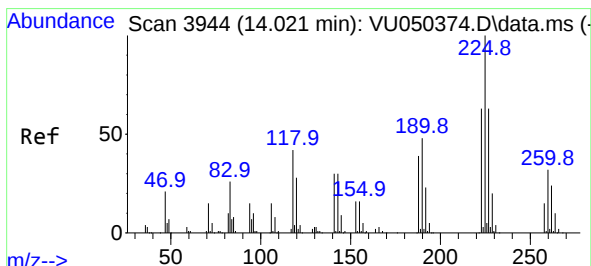
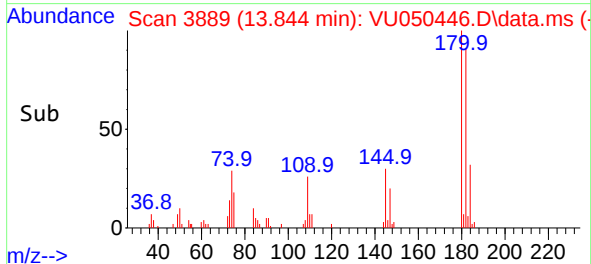
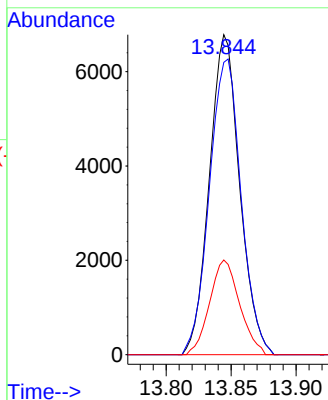
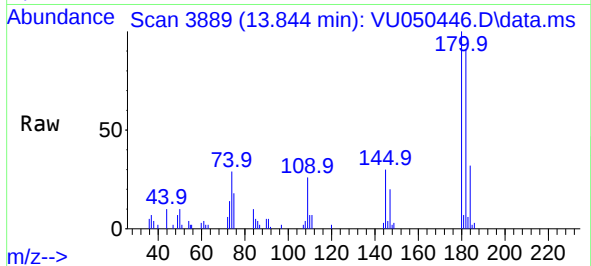




#87
1,2,4-Trichlorobenzene
Concen: 0.975 ug/l
RT: 13.844 min Scan# 3888
Delta R.T. 0.003 min
Lab File: VU050446.D
Acq: 25 Aug 2022 17:21

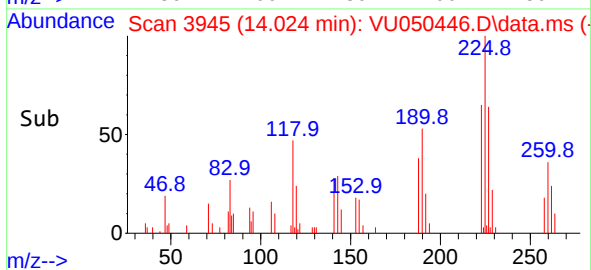
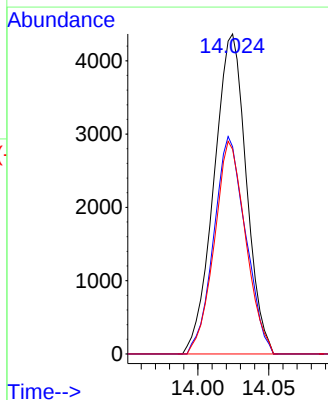
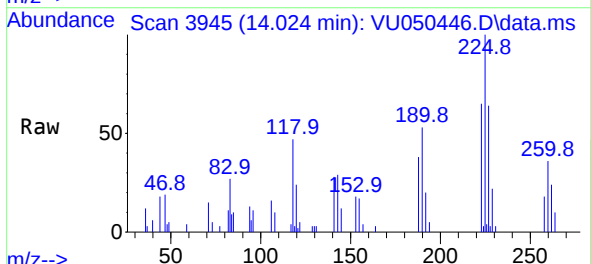
Instrument :
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ClientSampleId :
LOQ-WATER-02-QT3-2022

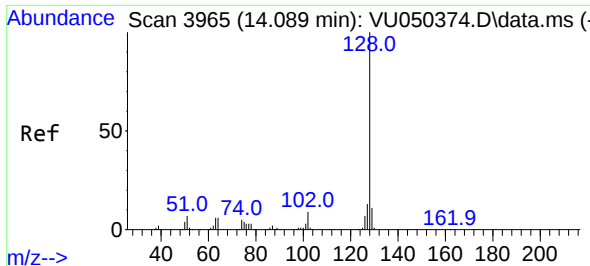
Tgt Ion:	180	Resp:	11003
Ion Ratio	Lower	Upper	
180	100		
182	96.8	77.0	115.6
145	29.3	25.7	38.5



#88
Hexachlorobutadiene
Concen: 0.944 ug/l
RT: 14.024 min Scan# 3945
Delta R.T. 0.003 min
Lab File: VU050446.D
Acq: 25 Aug 2022 17:21

Tgt Ion:	225	Resp:	6934
Ion Ratio	Lower	Upper	
225	100		
223	66.8	50.6	76.0
227	64.3	50.7	76.1

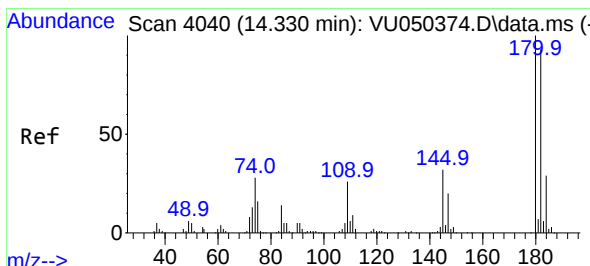
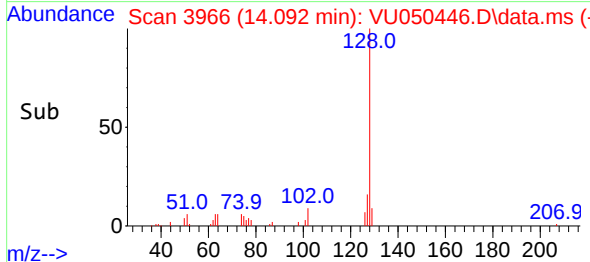
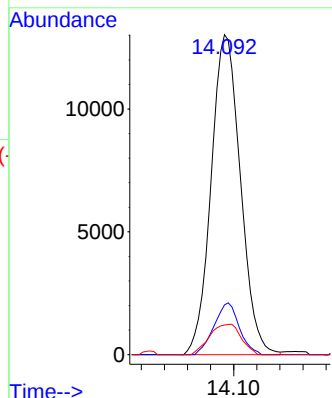
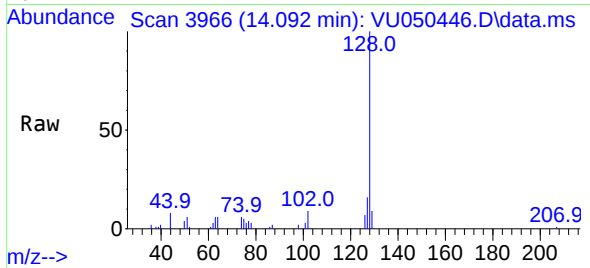




#89
Naphthalene
Concen: 1.638 ug/l
RT: 14.092 min Scan# 3966
Delta R.T. 0.003 min
Lab File: VU050446.D
Acq: 25 Aug 2022 17:21

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

Tgt Ion:	128	Resp:	22951
Ion	Ratio	Lower	Upper
128	100		
127	14.0	10.1	15.1
129	10.2	8.6	12.8



#90
1,2,3-Trichlorobenzene
Concen: 1.251 ug/l
RT: 14.333 min Scan# 4041
Delta R.T. 0.003 min
Lab File: VU050446.D
Acq: 25 Aug 2022 17:21

Tgt Ion:	180	Resp:	11639
Ion	Ratio	Lower	Upper
180	100		
182	94.7	76.6	114.8
145	30.9	27.3	40.9

