

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070821\
 Data File : VU044330.D
 Acq On : 08 Jul 2021 19:03
 Operator : SY/MD
 Sample : M2940-07 0.25 PPB
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2021

Manual Integrations
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Quant Time: Jul 09 06:05:04 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U070721DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Fri Jul 09 06:04:31 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.121	96	24585	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.639	95	10037	0.922	ug/l	0.00
Spiked Amount 1.000			Recovery	=	92.000%	
68) 1,2-Dichlorobenzene-d4	12.201	152	9769	0.900	ug/l	0.00
Spiked Amount 1.000			Recovery	=	90.000%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.527	50	2135	0.260	ug/l	96
4) Vinyl Chloride	1.610	62	1868	0.217	ug/l #	79
5) Bromomethane	1.864	94	1585	0.309	ug/l	93
6) Chloroethane	1.941	64	1335	0.232	ug/l	99
7) Trichlorofluoromethane	2.147	101	2668	0.204	ug/l #	79
8) 1,1,2-Trichloro-1,2,2-...	2.591	101	1662	0.221	ug/l	94
9) 1,1-Dichloroethene	2.591	96	1522	0.232	ug/l	81
10) Iodomethane	2.735	142	1625	0.235	ug/l	100
11) Allyl Chloride	2.928	41	2719	0.233	ug/l	96
12) Acrylonitrile	3.327	53	592	0.402	ug/l	95
13) Acetone	2.636	43	1015	1.039	ug/l	96
14) Carbon Disulfide	2.800	76	4079	0.229	ug/l #	91
15) Methylene Chloride	3.057	84	5764	0.482	ug/l	94
16) trans-1,2-Dichloroethene	3.362	96	1520	0.209	ug/l #	82
17) 1,1-Dichloroethane	3.874	63	3484m	0.237	ug/l	
18) 2-Butanone	4.739	43	1785	0.931	ug/l	87
19) Cyclohexane	5.391	56	3030	0.258	ug/l	93
21) 2,2-Dichloropropane	4.678	77	4175	0.292	ug/l #	87
22) cis-1,2-Dichloroethene	4.678	96	1804	0.210	ug/l	89
23) Diethyl Ether	2.388	59	1169	0.213	ug/l #	83
24) tert-Butyl Alcohol	3.198	59	3850	9.130	ug/l #	78
25) Methyl tert-Butyl Ether	3.379	73	4556	0.226	ug/l	100
26) Bromochloromethane	4.983	128	765	0.204	ug/l	96
27) Chloroform	5.099	83	4183	0.269	ug/l	98
28) 1,1,1-Trichloroethane	5.327	97	3017	0.220	ug/l	97
29) 1,1-Dichloropropene	5.533	75	2354	0.235	ug/l	93
31) Isopropyl Ether	4.018	45	5953	0.237	ug/l	96
32) Ethyl-t-butyl ether	4.523	59	5474	0.226	ug/l	99
33) Tert-Amyl methyl ether	5.957	73	3978	0.203	ug/l	98
34) Propionitrile	4.806	54	541	1.114	ug/l #	22
35) Benzene	5.784	78	5973	0.216	ug/l	99
36) 1,2-Dichloroethane	5.806	62	1830	0.202	ug/l #	76
37) Trichloroethene	6.552	130	1626	0.211	ug/l	96
39) Methacrylonitrile	4.993	41	715	0.237	ug/l #	76
41) Tetrahydrofuran	5.079	42	802	0.637	ug/l #	63
42) 1-Chlorobutane	5.465	56	3202	0.231	ug/l	87
43) Dibromomethane	6.928	93	852	0.210	ug/l	89
44) Bromodichloromethane	7.118	83	2167	0.210	ug/l	90
45) 4-Methyl-2-Pentanone	7.812	43	6595	1.135	ug/l #	87
46) t-1,4-Dichloro-2-butene	10.841	75	1096m	0.482	ug/l	
47) Methyl methacrylate	6.980	69	1575	0.379	ug/l #	82
48) Ethyl methacrylate	8.353	69	1901	0.214	ug/l	98
52) 1,1,2-Trichloroethane	8.414	97	1223	0.217	ug/l #	87

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

53) 1,3-Dichloropropane	8.584	76	2217	0.214	ug/l	97
54) 2-Hexanone	8.703	43	3920	0.927	ug/l	96
59) Chlorobenzene	9.455	112	4442	0.216	ug/l	100
61) Pentachloroethane	11.436	117	1178	0.202	ug/l	93
64) m/p-Xylenes	9.700	106	5413	0.383	ug/l	92
65) o-Xylene	10.108	106	2919	0.211	ug/l	99
72) Bromobenzene	10.790	156	1823	0.207	ug/l	94
76) 4-Chlorotoluene	11.102	126	1960	0.209	ug/l	85
80) Nitrobenzene	13.221	77	184	0.593	ug/l #	41
82) 1,3-Dichlorobenzene	11.754	146	3854	0.214	ug/l	92
85) 1,2-Dichlorobenzene	12.217	146	3536	0.208	ug/l	98
89) Naphthalene	14.095	128	5185	0.222	ug/l #	94
90) 1,2,3-Trichlorobenzene	14.339	180	2393	0.222	ug/l	95

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

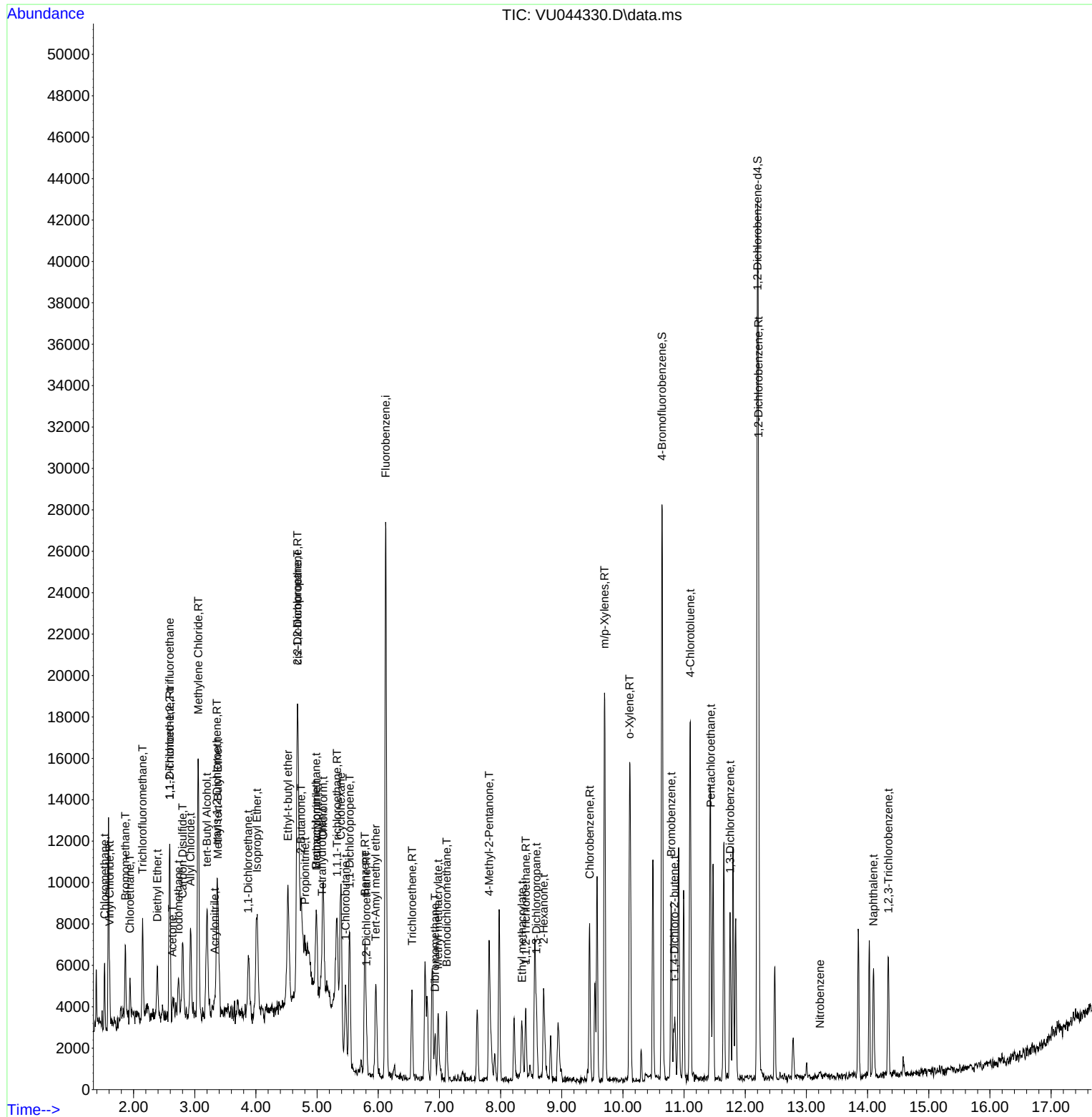
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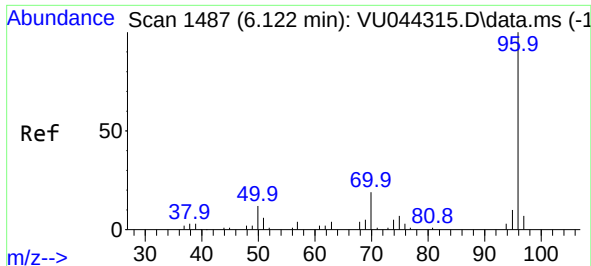
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 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2021

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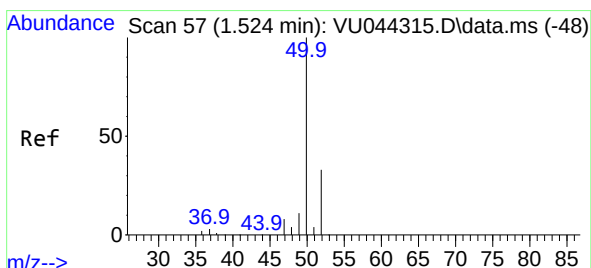
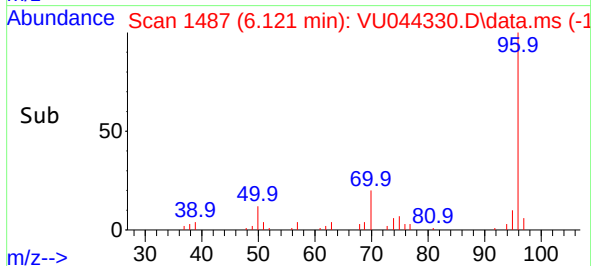
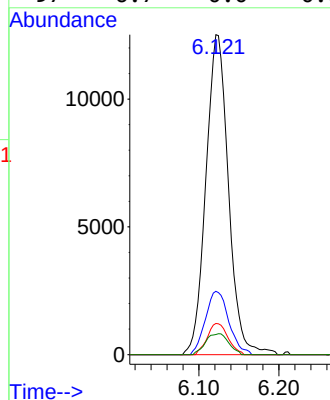
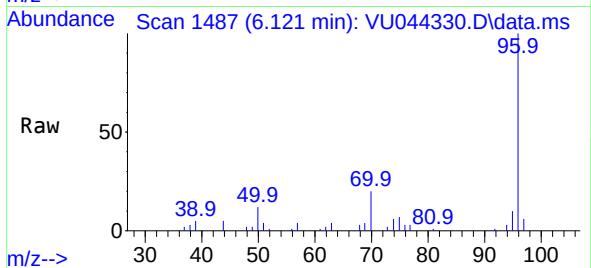
#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.121 min Scan# 1487
Delta R.T. -0.001 min
Lab File: VU044330.D
Acq: 08 Jul 2021 19:03

Tgt Ion:	96	Resp:	24585
Ion Ratio	Lower	Upper	
96	100		
70	20.5	16.2	24.2
95	8.9	7.3	10.9
97	6.7	0.0	0.0#

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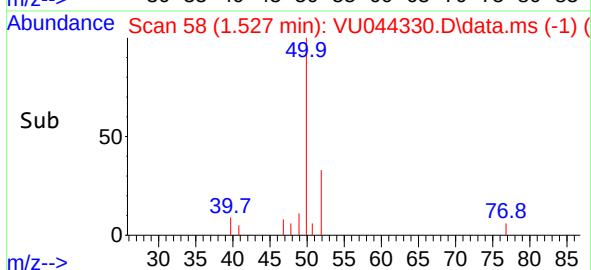
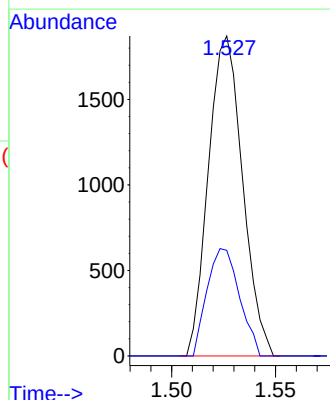
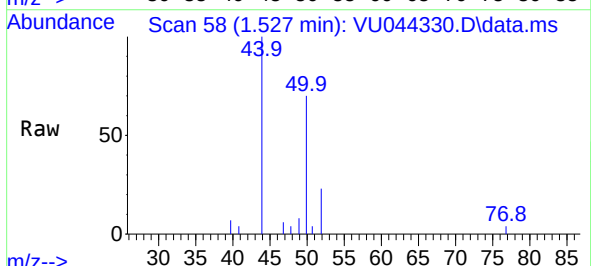
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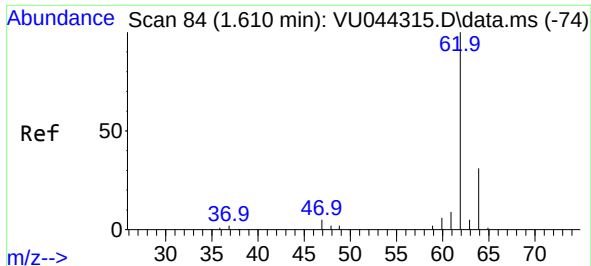
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#3
Chloromethane
Concen: 0.260 ug/l
RT: 1.527 min Scan# 58
Delta R.T. 0.003 min
Lab File: VU044330.D
Acq: 08 Jul 2021 19:03

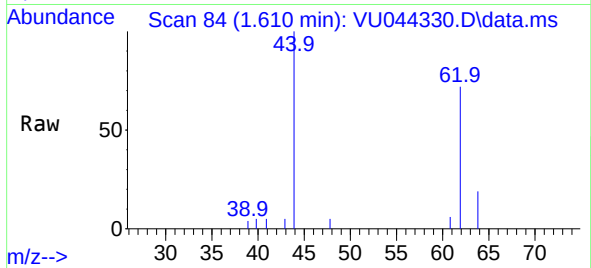
Tgt Ion:	50	Resp:	2135
Ion Ratio	Lower	Upper	
50	100		
52	31.2	26.7	40.1



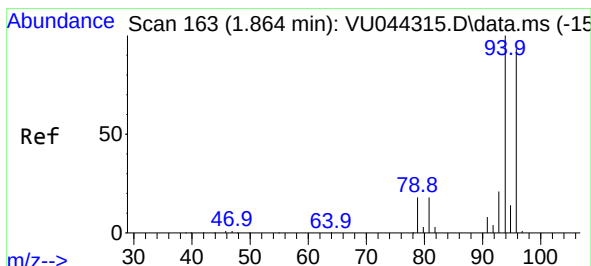
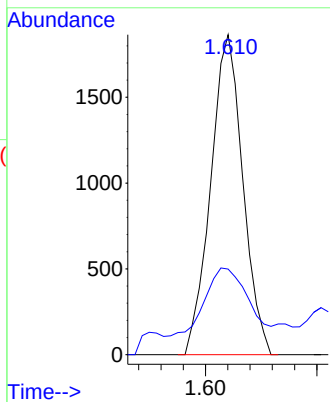
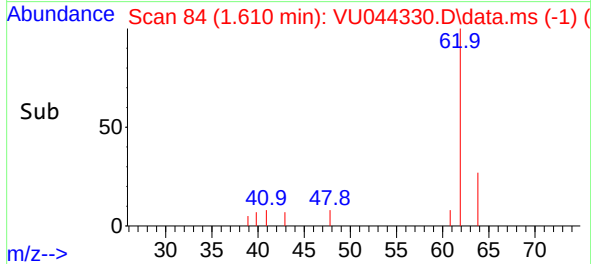


#4
 Vinyl Chloride
 Concen: 0.217 ug/l
 RT: 1.610 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: VU044330.D
 Acq: 08 Jul 2021 19:03

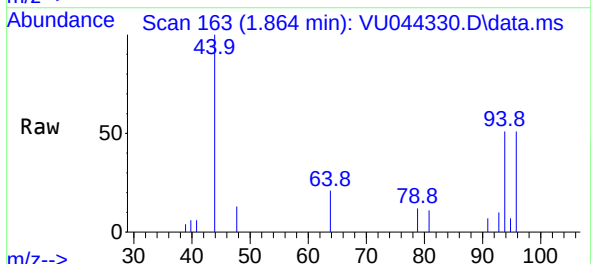
Instrument :
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 ClientSampleId :
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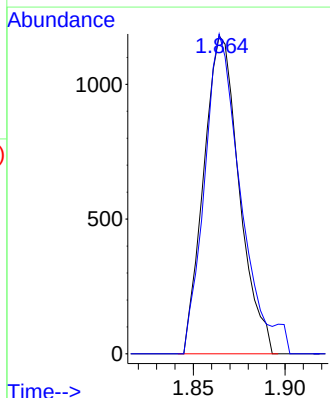
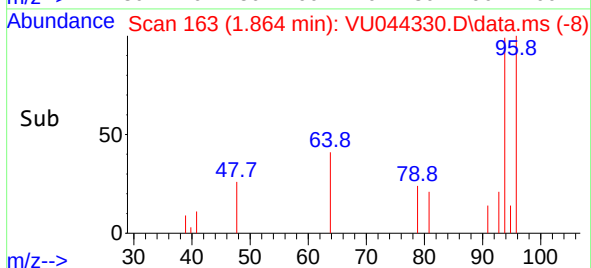
Tgt Ion: 62 Resp: 1868
 Ion Ratio Lower Upper
 62 100
 64 19.8 25.1 37.7#

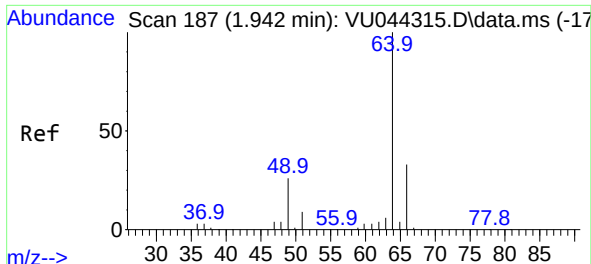


#5
 Bromomethane
 Concen: 0.309 ug/l
 RT: 1.864 min Scan# 163
 Delta R.T. -0.000 min
 Lab File: VU044330.D
 Acq: 08 Jul 2021 19:03



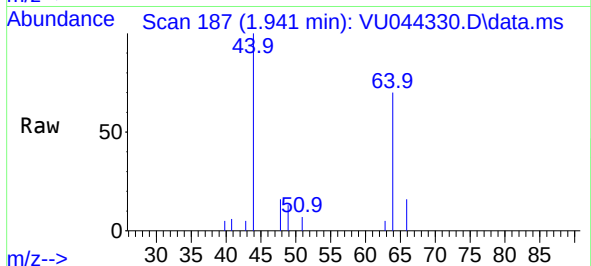
Tgt Ion: 94 Resp: 1585
 Ion Ratio Lower Upper
 94 100
 96 100.6 74.7 112.1





#6
Chloroethane
Concen: 0.232 ug/l
RT: 1.941 min Scan# 187
Delta R.T. -0.000 min
Lab File: VU044330.D
Acq: 08 Jul 2021 19:03

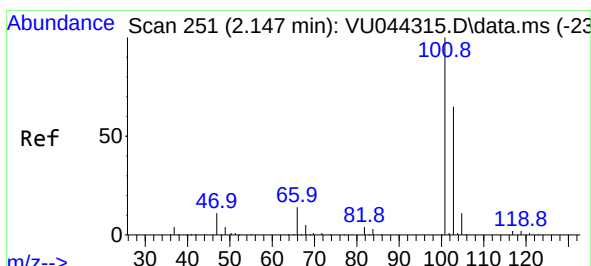
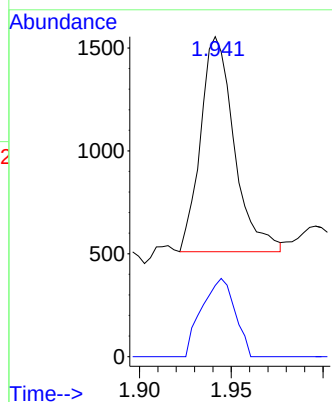
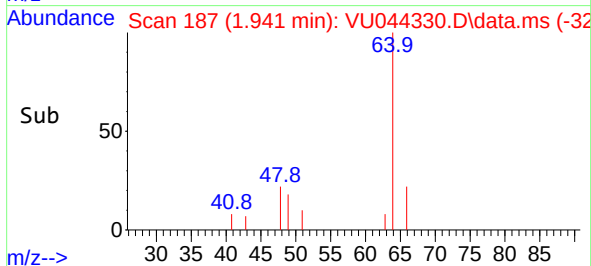
Instrument :
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ClientSampleId :
LOD-MDL-WATER-01-QT3-2021



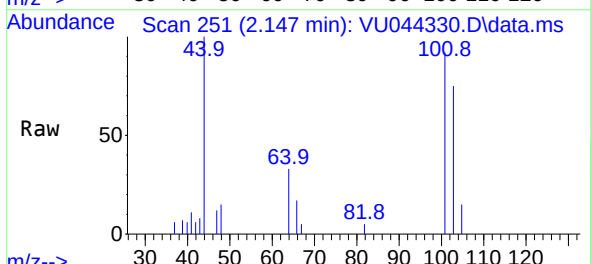
Tgt Ion: 64 Resp: 1335
Ion Ratio Lower Upper
64 100
66 33.1 26.1 39.1

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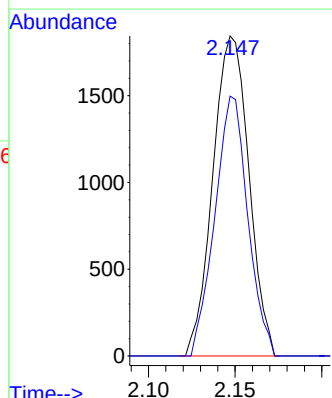
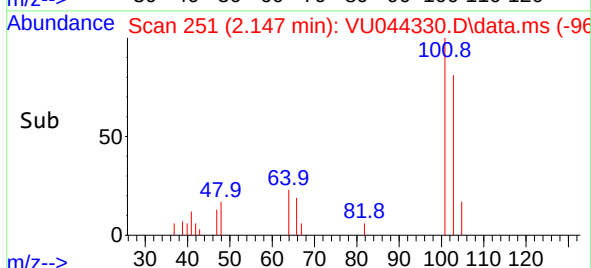
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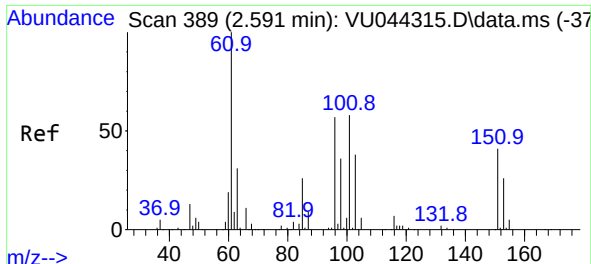


#7
Trichlorofluoromethane
Concen: 0.204 ug/l
RT: 2.147 min Scan# 251
Delta R.T. -0.000 min
Lab File: VU044330.D
Acq: 08 Jul 2021 19:03



Tgt Ion: 101 Resp: 2668
Ion Ratio Lower Upper
101 100
103 81.2 51.9 77.9#





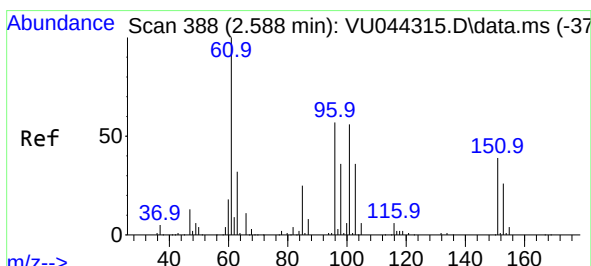
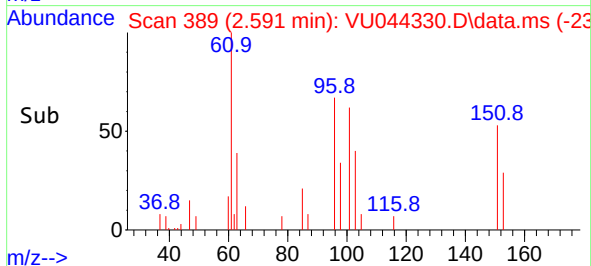
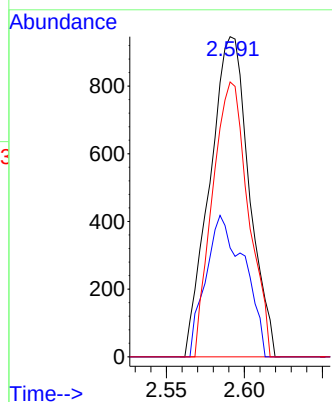
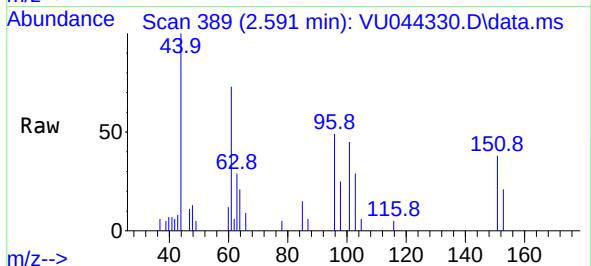
#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.221 ug/l
RT: 2.591 min Scan# 389
Delta R.T. -0.000 min
Lab File: VU044330.D
Acq: 08 Jul 2021 19:03

Tgt Ion:	101	Resp:	1662
Ion	Ratio	Lower	Upper
101	100		
85	43.2	35.8	53.8
151	78.0	57.0	85.4

Instrument :
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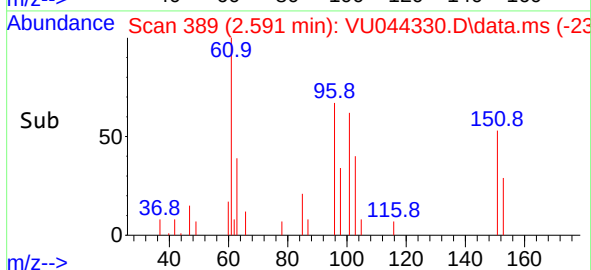
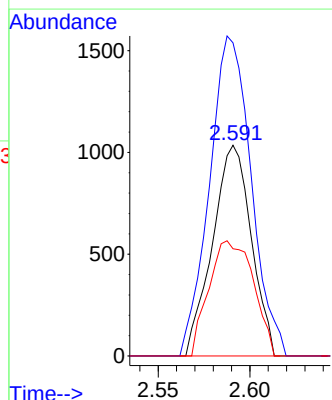
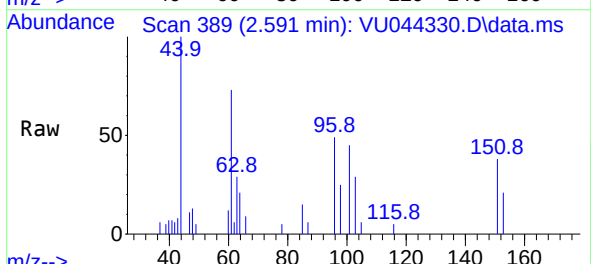
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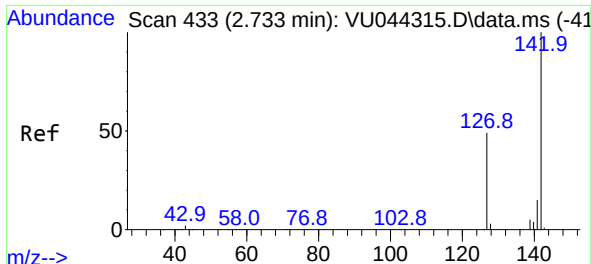
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#9
1,1-Dichloroethene
Concen: 0.232 ug/l
RT: 2.591 min Scan# 389
Delta R.T. 0.003 min
Lab File: VU044330.D
Acq: 08 Jul 2021 19:03

Tgt Ion:	96	Resp:	1522
Ion	Ratio	Lower	Upper
96	100		
61	148.6	0.0	528.0
98	50.9	0.0	127.4





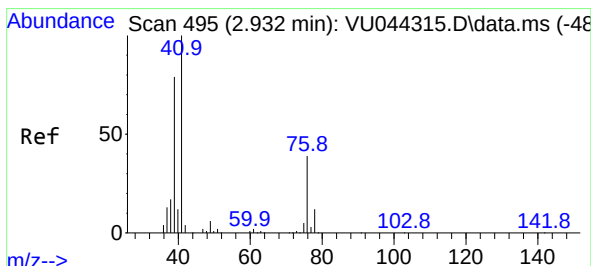
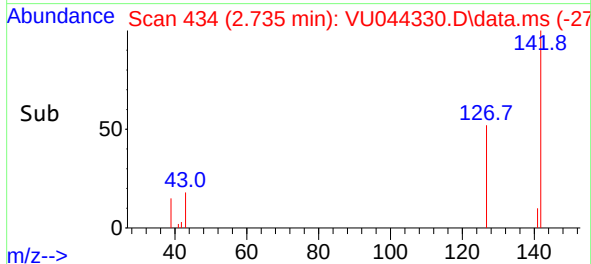
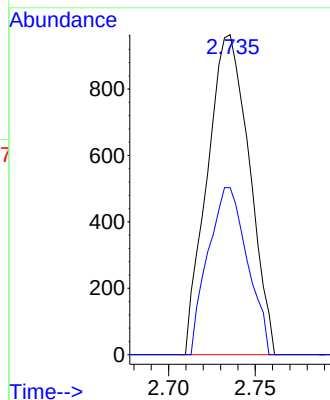
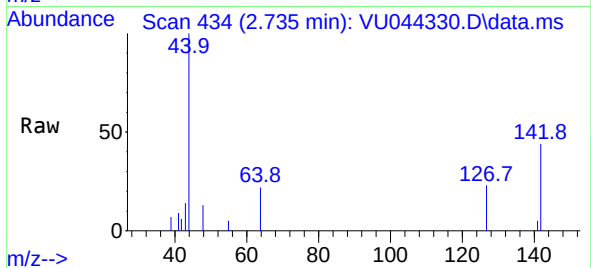
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Iodomethane
Concen: 0.235 ug/l
RT: 2.735 min Scan# 434
Delta R.T. 0.002 min
Lab File: VU044330.D
Acq: 08 Jul 2021 19:03

Tgt Ion: 142 Resp: 1625
Ion Ratio Lower Upper
142 100
127 48.9 39.1 58.7

Instrument :
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ClientSampleId :
LOD-MDL-WATER-01-QT3-2021

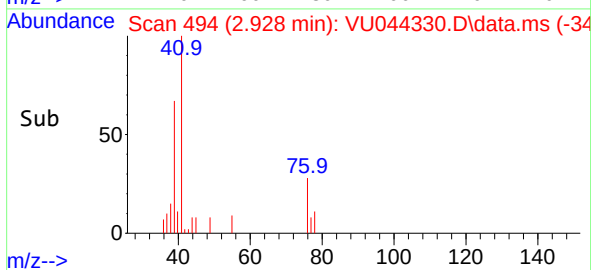
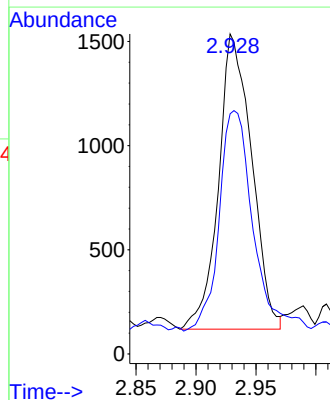
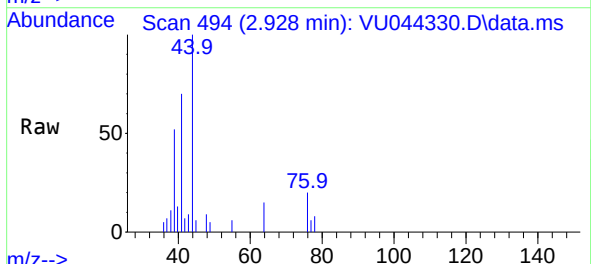
Manual Integrations
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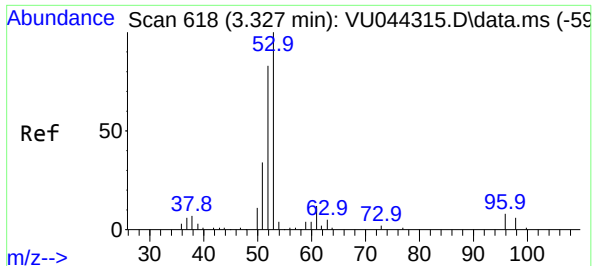
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#11
Allyl Chloride
Concen: 0.233 ug/l
RT: 2.928 min Scan# 494
Delta R.T. -0.004 min
Lab File: VU044330.D
Acq: 08 Jul 2021 19:03

Tgt Ion: 41 Resp: 2719
Ion Ratio Lower Upper
41 100
39 74.8 62.5 93.7





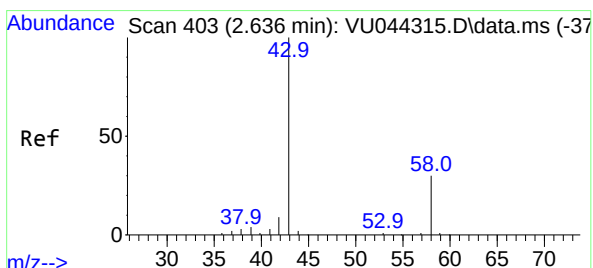
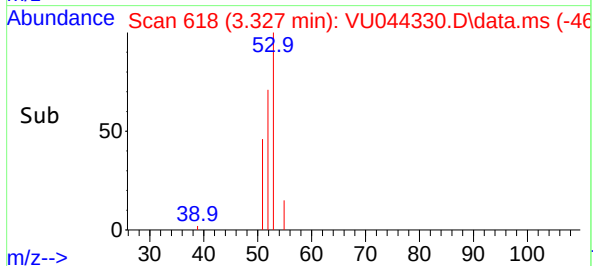
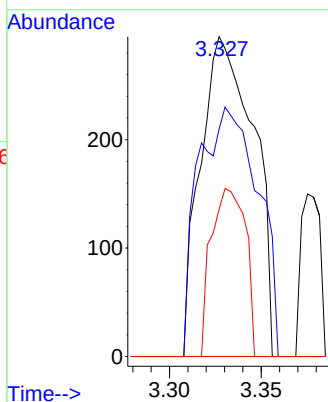
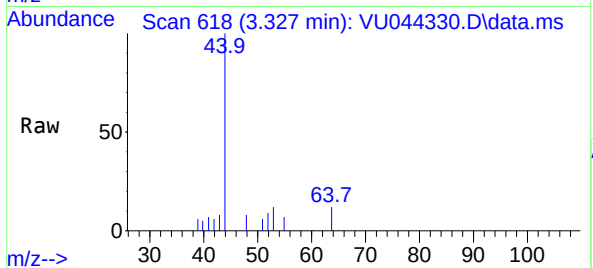
#12
Acrylonitrile
Concen: 0.402 ug/l
RT: 3.327 min Scan# 618
Delta R.T. -0.000 min
Lab File: VU044330.D
Acq: 08 Jul 2021 19:03

Tgt Ion:	53	Resp:	592
Ion	Ratio	Lower	Upper
53	100		
52	87.8	67.0	100.4
51	34.0	29.8	44.6

Instrument :
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ClientSampleId :
LOD-MDL-WATER-01-QT3-2021

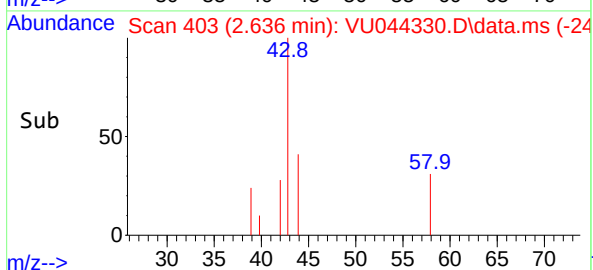
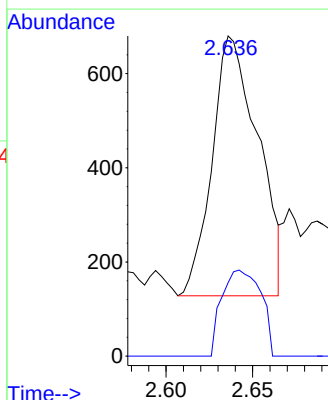
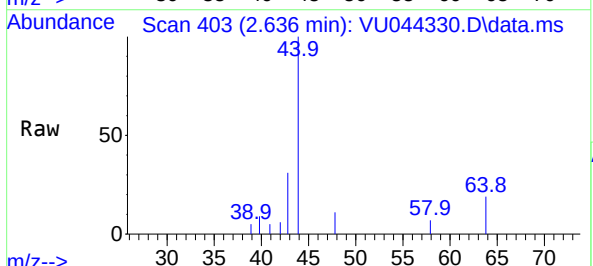
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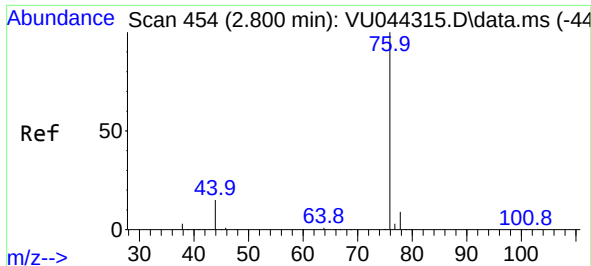
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#13
Acetone
Concen: 1.039 ug/l
RT: 2.636 min Scan# 403
Delta R.T. -0.000 min
Lab File: VU044330.D
Acq: 08 Jul 2021 19:03

Tgt Ion:	43	Resp:	1015
Ion	Ratio	Lower	Upper
43	100		
58	28.3	24.3	36.5





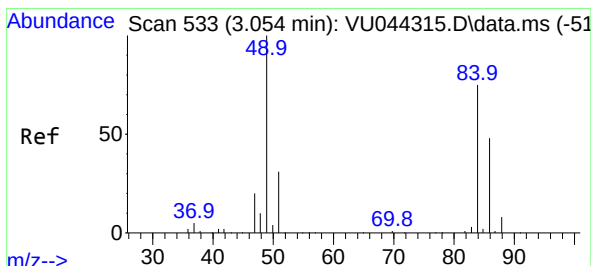
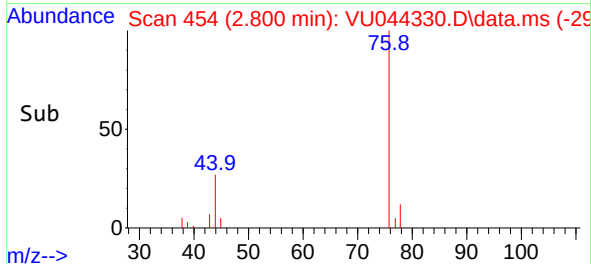
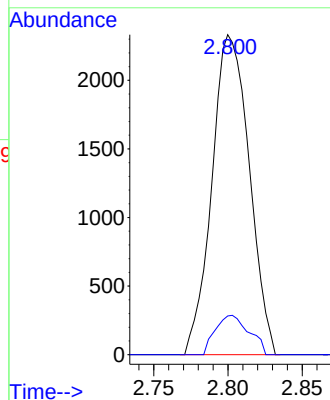
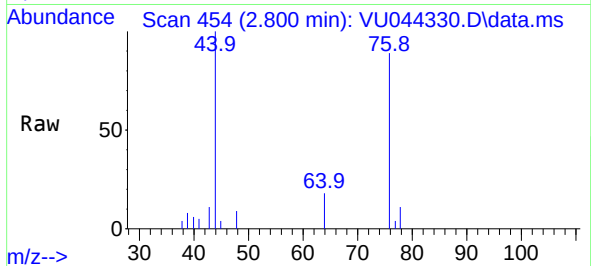
#14
Carbon Disulfide
Concen: 0.229 ug/l
RT: 2.800 min Scan# 454
Delta R.T. -0.000 min
Lab File: VU044330.D
Acq: 08 Jul 2021 19:03

Tgt Ion: 76 Resp: 4079
Ion Ratio Lower Upper
76 100
78 12.1 7.1 10.7#

Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021

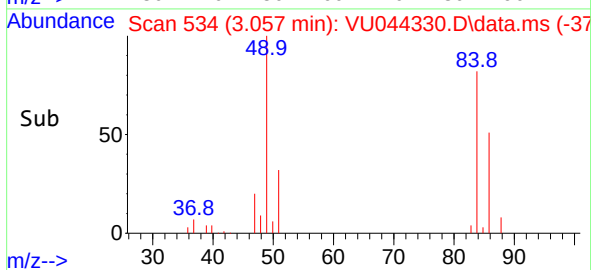
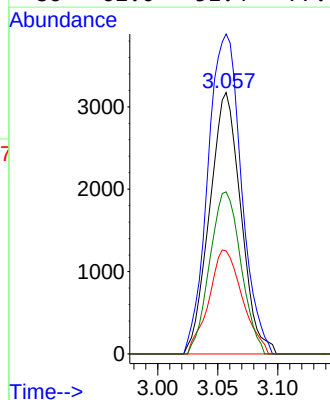
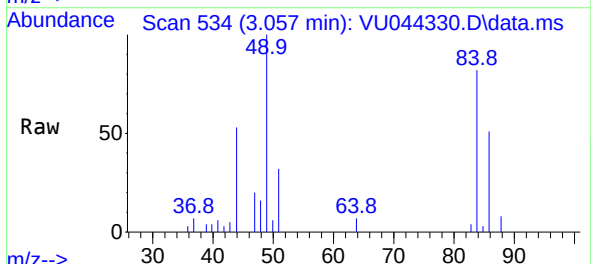
Manual Integrations
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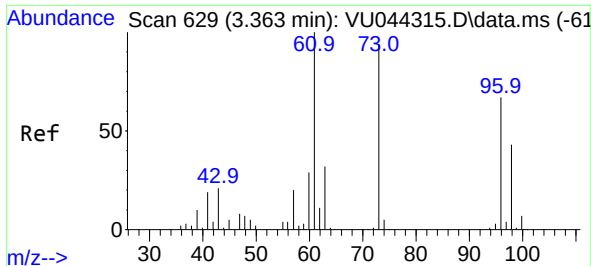
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#15
Methylene Chloride
Concen: 0.482 ug/l
RT: 3.057 min Scan# 534
Delta R.T. 0.003 min
Lab File: VU044330.D
Acq: 08 Jul 2021 19:03

Tgt Ion: 84 Resp: 5764
Ion Ratio Lower Upper
84 100
49 122.4 106.3 159.5
51 39.4 0.0 81.8
86 62.0 51.4 77.0





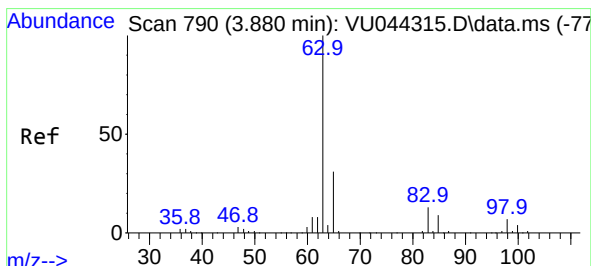
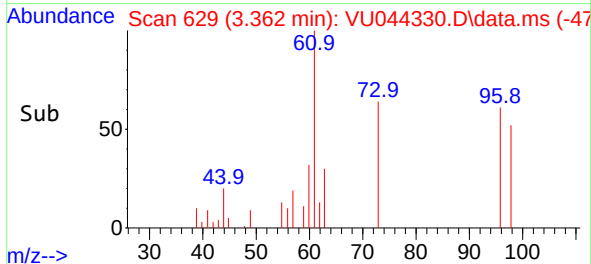
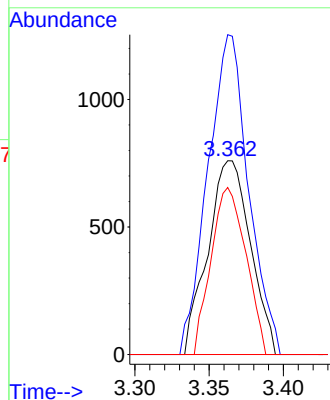
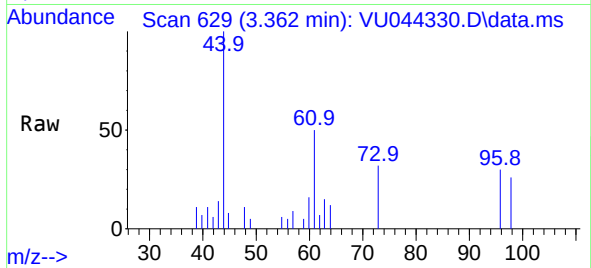
#16
trans-1,2-Dichloroethene
Concen: 0.209 ug/l
RT: 3.362 min Scan# 629
Delta R.T. -0.000 min
Lab File: VU044330.D
Acq: 08 Jul 2021 19:03

Tgt Ion: 96 Resp: 1520
Ion Ratio Lower Upper
96 100
61 165.0 119.3 178.9
98 86.2 50.8 76.2#

Instrument :
MSVOA_U
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LOD-MDL-WATER-01-QT3-2021

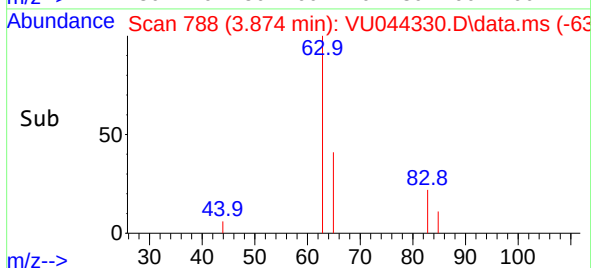
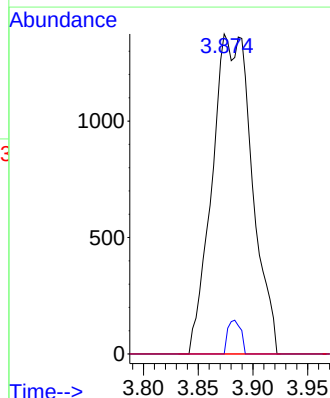
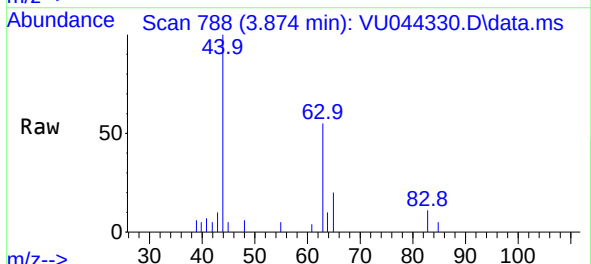
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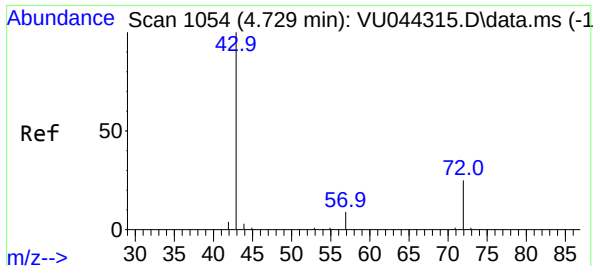
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#17
1,1-Dichloroethane
Concen: 0.237 ug/l m
RT: 3.874 min Scan# 788
Delta R.T. -0.007 min
Lab File: VU044330.D
Acq: 08 Jul 2021 19:03

Tgt Ion: 63 Resp: 3484
Ion Ratio Lower Upper
63 100
98 0.0 3.5 10.5#
100 0.0 2.0 5.8#





#18

2-Butanone

Concen: 0.931 ug/l

RT: 4.739 min Scan# 1057

Delta R.T. 0.009 min

Lab File: VU044330.D

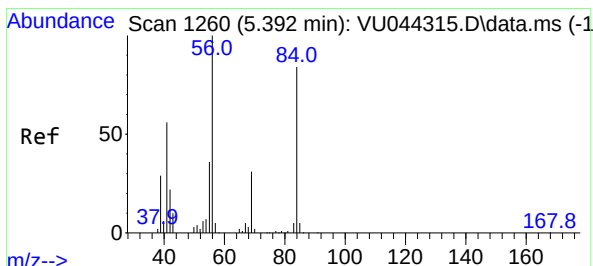
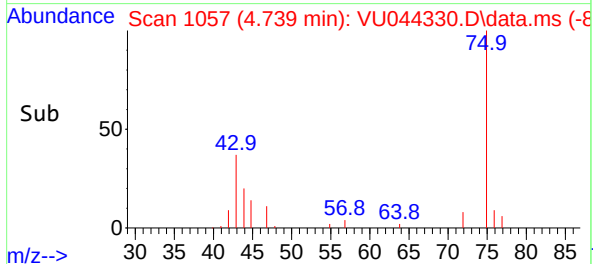
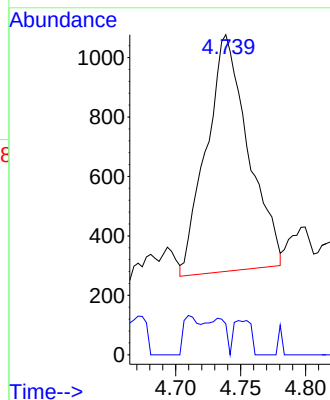
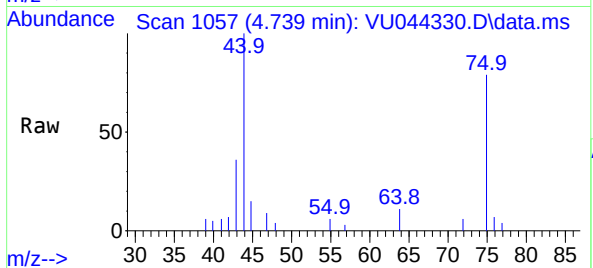
Acq: 08 Jul 2021 19:03

Tgt Ion: 43 Resp: 1785

Ion Ratio Lower Upper

43 100

57 13.4 0.0 17.6



#19

Cyclohexane

Concen: 0.258 ug/l

RT: 5.391 min Scan# 1260

Delta R.T. -0.000 min

Lab File: VU044330.D

Acq: 08 Jul 2021 19:03

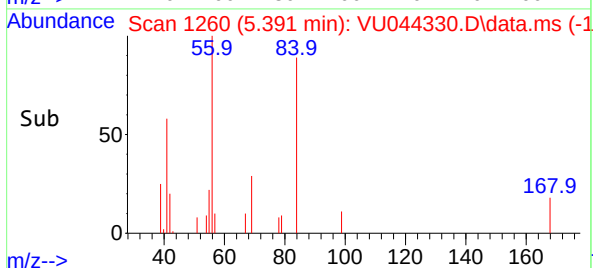
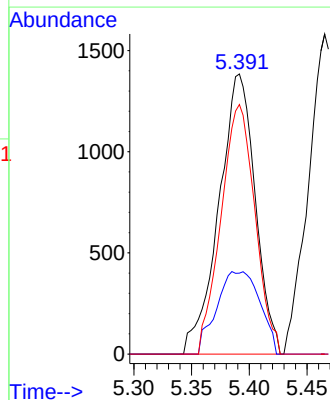
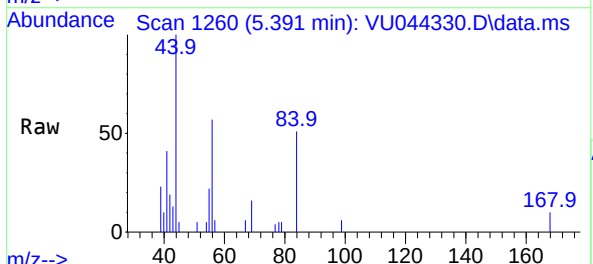
Tgt Ion: 56 Resp: 3030

Ion Ratio Lower Upper

56 100

69 35.0 26.6 40.0

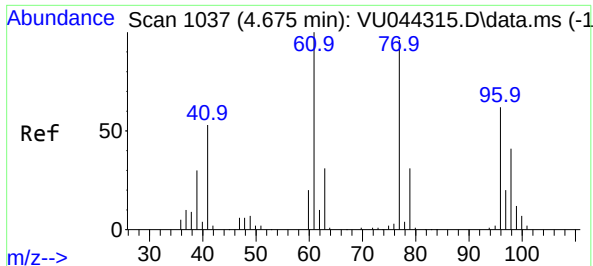
84 83.4 73.0 109.4



Instrument :
MSVOA_U
ClientSampleId :
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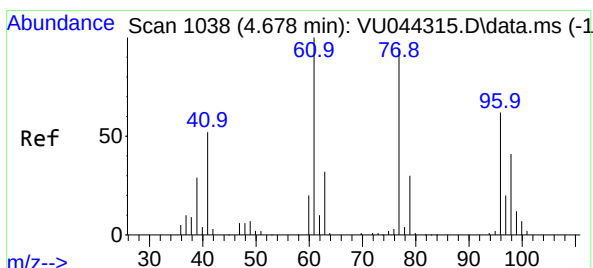
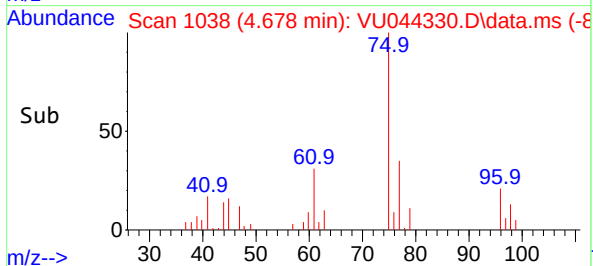
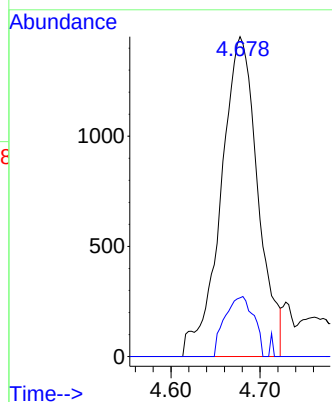
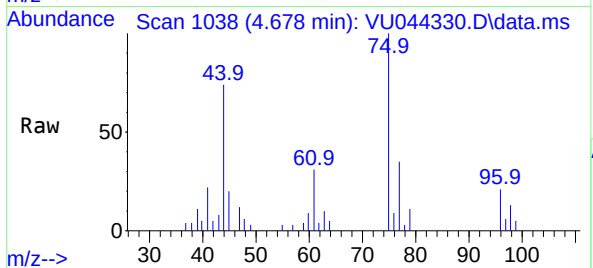
#21
2,2-Dichloropropane
Concen: 0.292 ug/l
RT: 4.678 min Scan# 1038
Delta R.T. 0.003 min
Lab File: VU044330.D
Acq: 08 Jul 2021 19:03

Tgt Ion: 77 Resp: 4175
Ion Ratio Lower Upper
77 100
97 14.7 16.8 25.2#

Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021

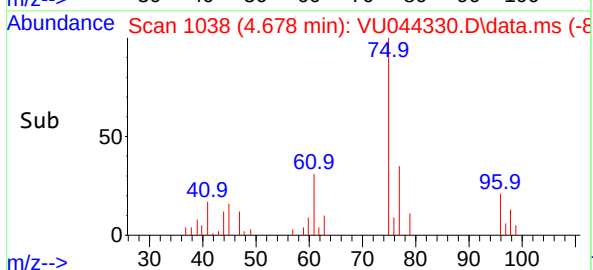
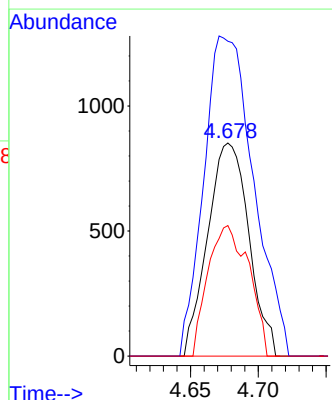
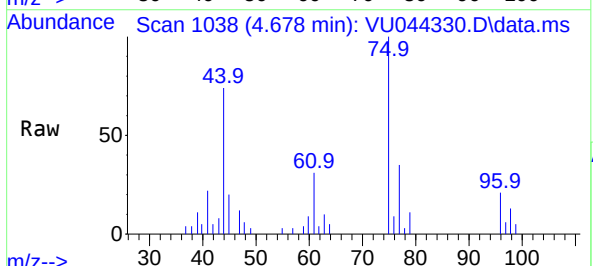
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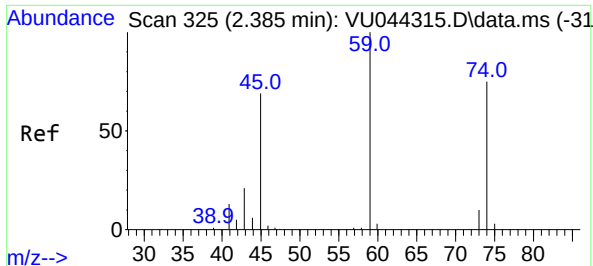
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#22
cis-1,2-Dichloroethene
Concen: 0.210 ug/l
RT: 4.678 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VU044330.D
Acq: 08 Jul 2021 19:03

Tgt Ion: 96 Resp: 1804
Ion Ratio Lower Upper
96 100
61 180.9 0.0 407.7
98 60.6 32.5 97.4





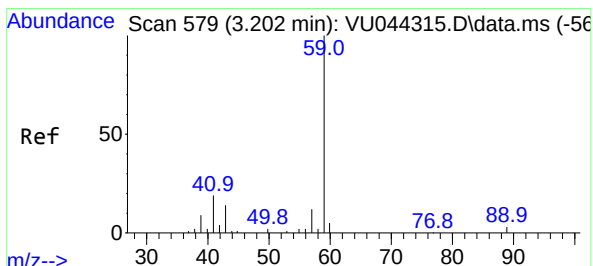
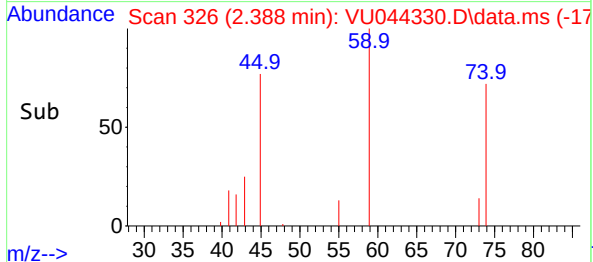
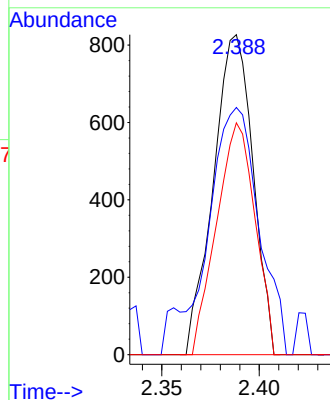
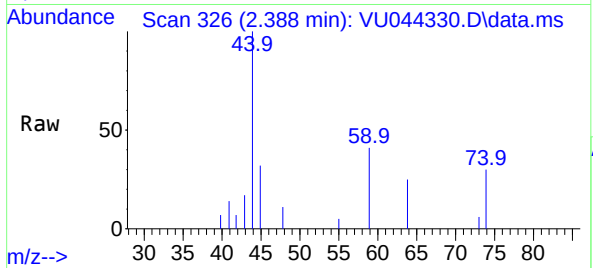
#23
Diethyl Ether
Concen: 0.213 ug/l
RT: 2.388 min Scan# 326
Delta R.T. 0.003 min
Lab File: VU044330.D
Acq: 08 Jul 2021 19:03

Tgt Ion: 59 Resp: 1169
Ion Ratio Lower Upper
59 100
45 93.4 55.7 83.5#
74 70.4 59.7 89.5

Instrument :
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LOD-MDL-WATER-01-QT3-2021

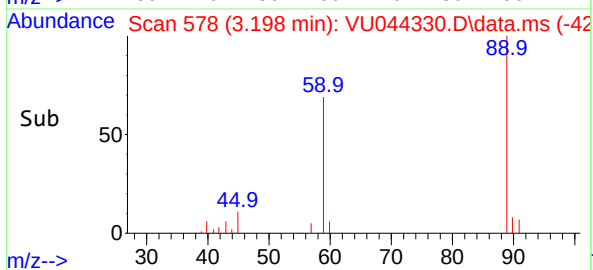
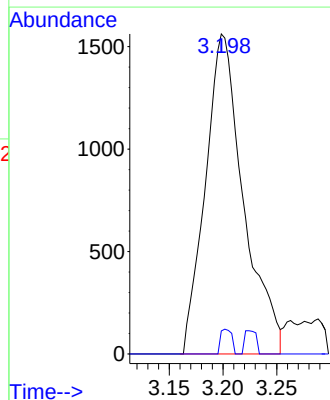
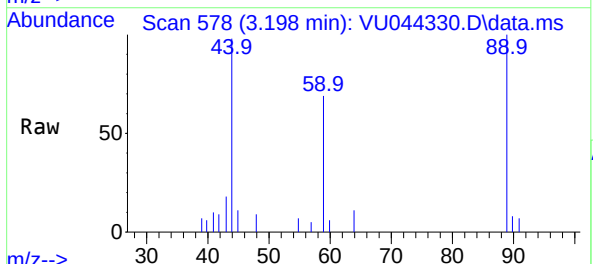
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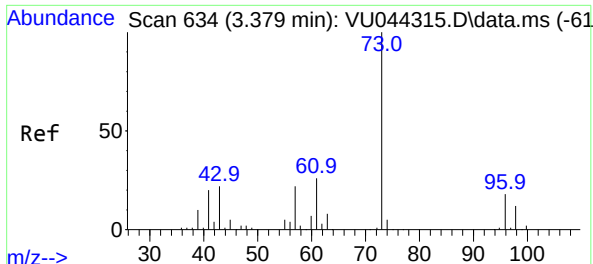
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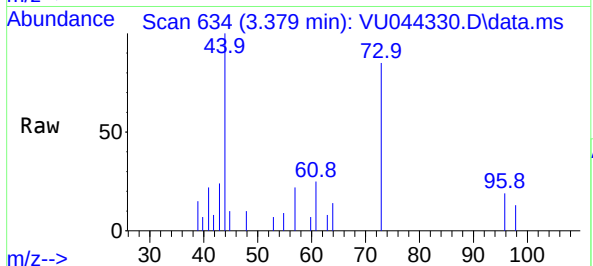
#24
tert-Butyl Alcohol
Concen: 9.130 ug/l
RT: 3.198 min Scan# 578
Delta R.T. -0.004 min
Lab File: VU044330.D
Acq: 08 Jul 2021 19:03

Tgt Ion: 59 Resp: 3850
Ion Ratio Lower Upper
59 100
57 2.3 8.2 12.4#

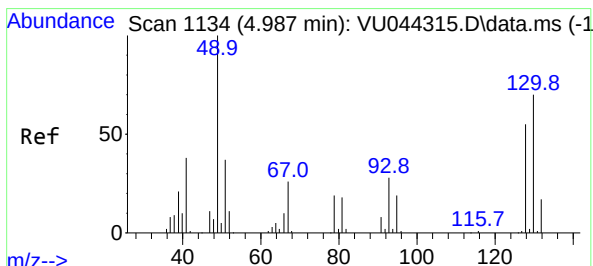
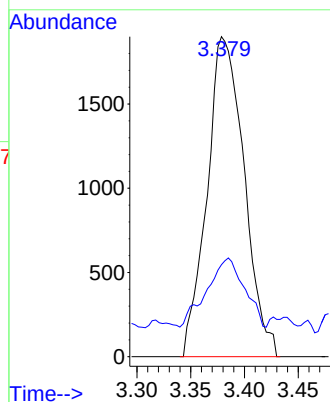
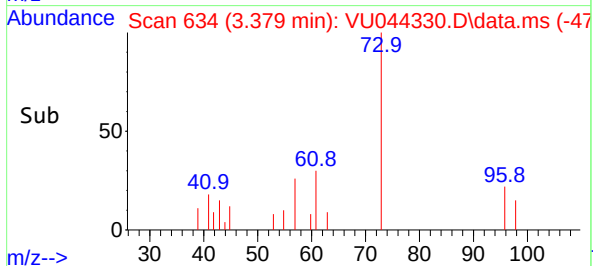




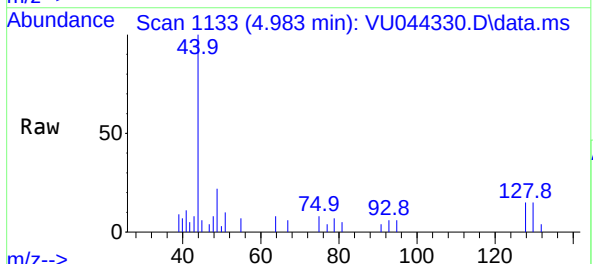
#25
Methyl tert-Butyl Ether
Concen: 0.226 ug/l
RT: 3.379 min Scan# 634
Delta R.T. -0.000 min
Lab File: VU044330.D
Acq: 08 Jul 2021 19:03



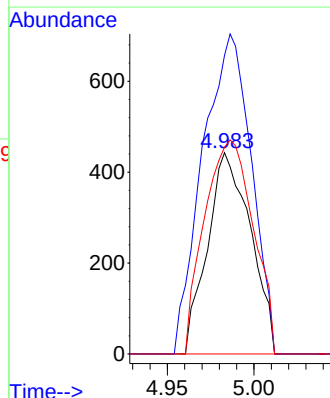
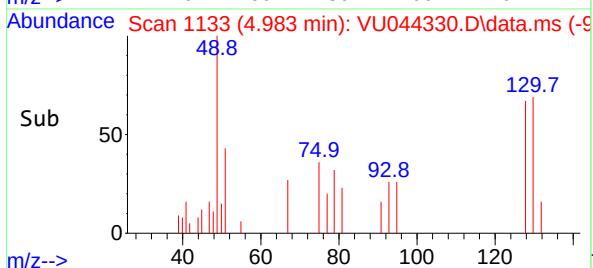
Tgt Ion: 73 Resp: 4556
Ion Ratio Lower Upper
73 100
43 21.8 17.3 25.9



#26
Bromochloromethane
Concen: 0.204 ug/l
RT: 4.983 min Scan# 1133
Delta R.T. -0.004 min
Lab File: VU044330.D
Acq: 08 Jul 2021 19:03



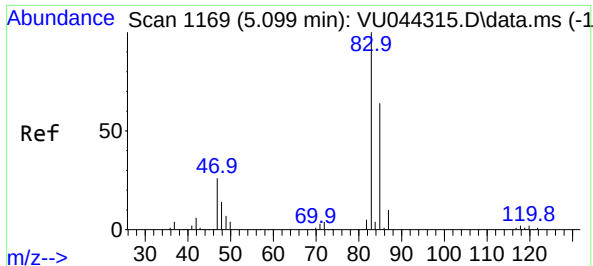
Tgt Ion: 128 Resp: 765
Ion Ratio Lower Upper
128 100
49 179.9 0.0 364.2
130 120.8 103.5 155.3



Instrument :
MSVOA_U
ClientSampleId :
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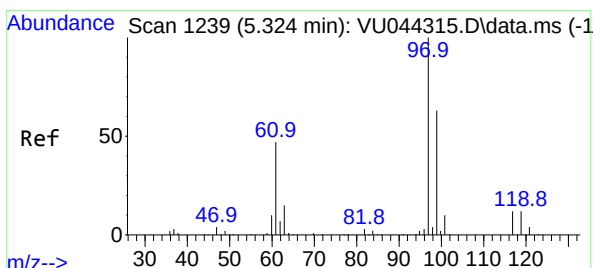
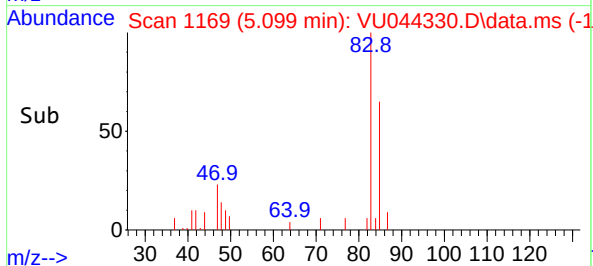
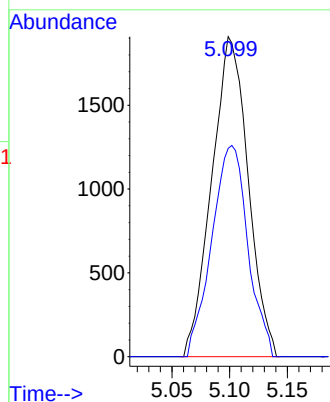
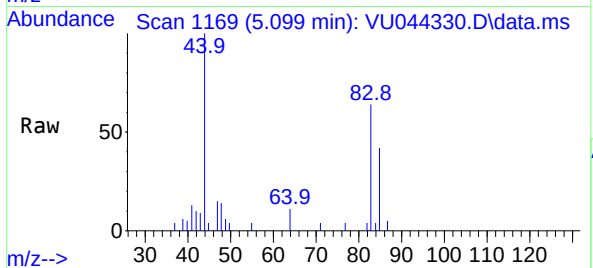
#27
Chloroform
Concen: 0.269 ug/l
RT: 5.099 min Scan# 1169
Delta R.T. -0.000 min
Lab File: VU044330.D
Acq: 08 Jul 2021 19:03

Tgt Ion: 83 Resp: 4183
Ion Ratio Lower Upper
83 100
85 65.1 0.0 127.8

Instrument :
MSVOA_U
ClientSampleId :
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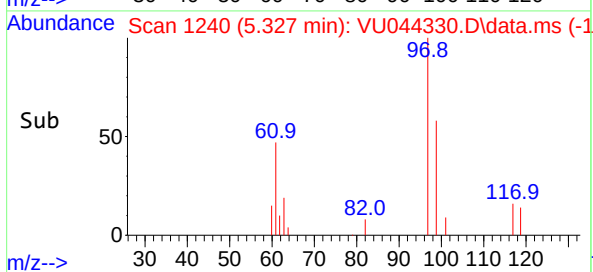
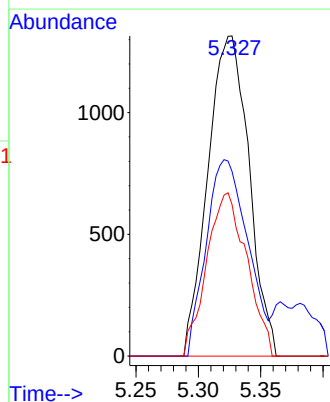
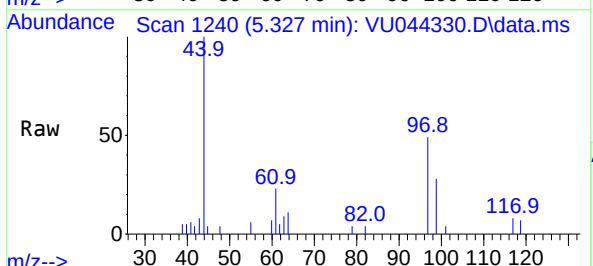
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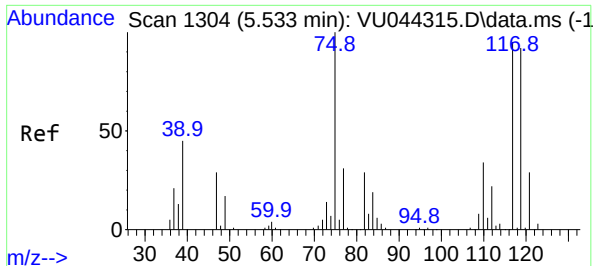
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#28
1,1,1-Trichloroethane
Concen: 0.220 ug/l
RT: 5.327 min Scan# 1240
Delta R.T. 0.003 min
Lab File: VU044330.D
Acq: 08 Jul 2021 19:03

Tgt Ion: 97 Resp: 3017
Ion Ratio Lower Upper
97 100
99 62.1 32.0 96.2
61 49.8 23.8 71.5





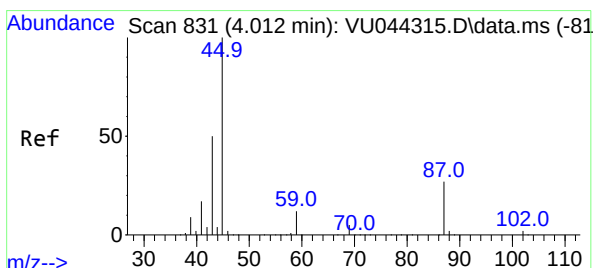
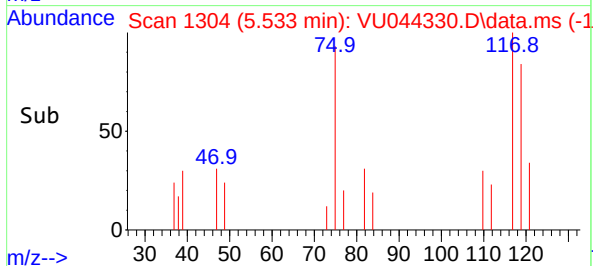
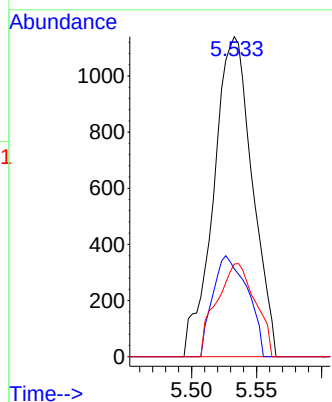
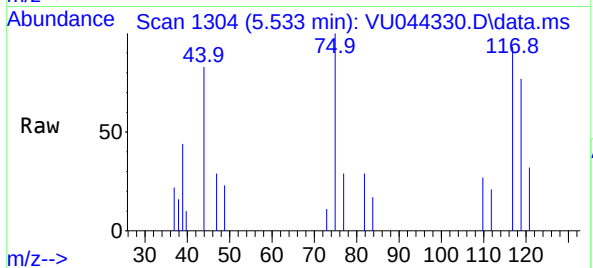
#29
1,1-Dichloropropene
Concen: 0.235 ug/l
RT: 5.533 min Scan# 1304
Delta R.T. -0.000 min
Lab File: VU044330.D
Acq: 08 Jul 2021 19:03

Tgt Ion: 75 Resp: 2354
Ion Ratio Lower Upper
75 100
110 28.3 17.3 51.9
77 29.1 24.6 37.0

Instrument :
MSVOA_U
ClientSampleId :
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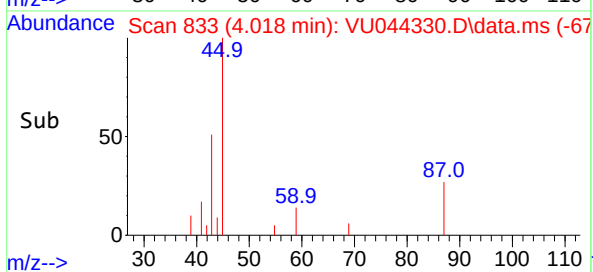
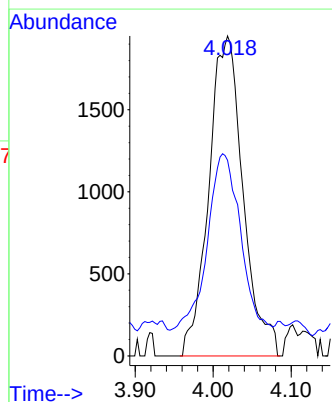
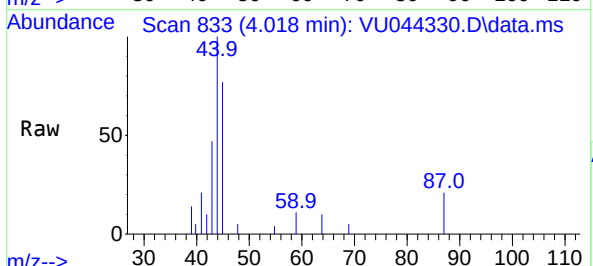
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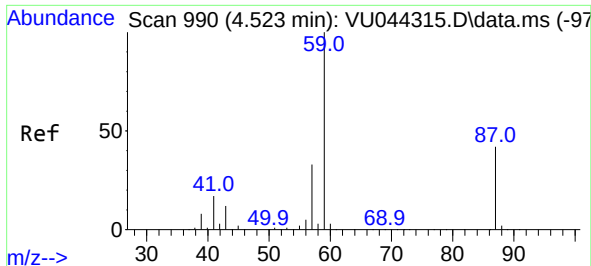
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#31
Isopropyl Ether
Concen: 0.237 ug/l
RT: 4.018 min Scan# 833
Delta R.T. 0.006 min
Lab File: VU044330.D
Acq: 08 Jul 2021 19:03

Tgt Ion: 45 Resp: 5953
Ion Ratio Lower Upper
45 100
43 52.5 24.9 74.6





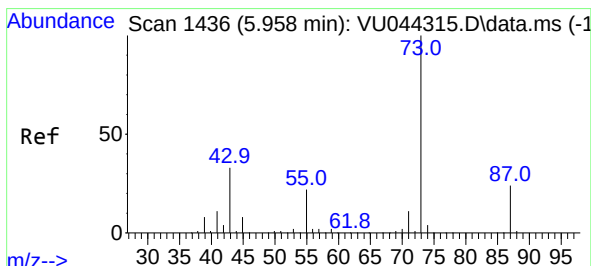
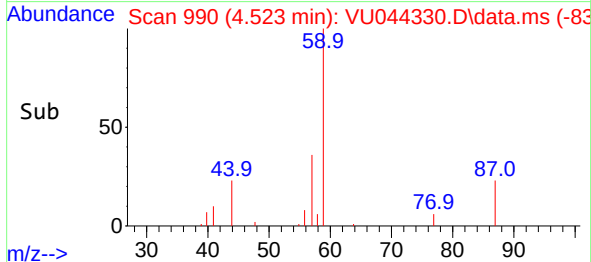
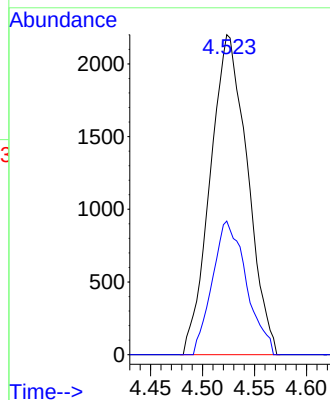
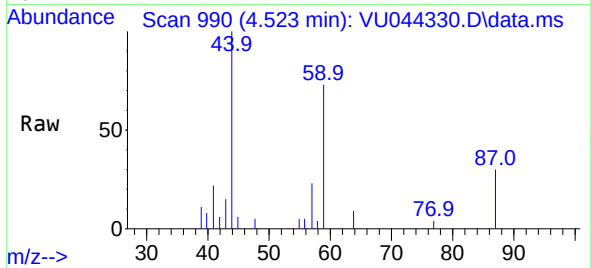
#32
Ethyl-t-butyl ether
Concen: 0.226 ug/l
RT: 4.523 min Scan# 990
Delta R.T. -0.000 min
Lab File: VU044330.D
Acq: 08 Jul 2021 19:03

Tgt Ion: 59 Resp: 5474
Ion Ratio Lower Upper
59 100
87 38.2 31.3 46.9

Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021

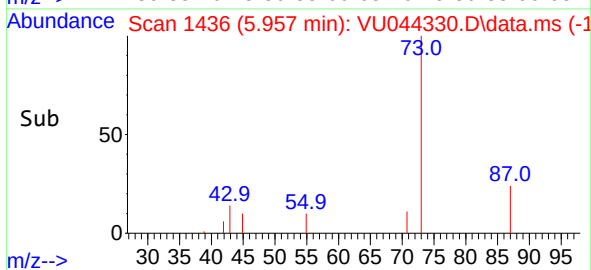
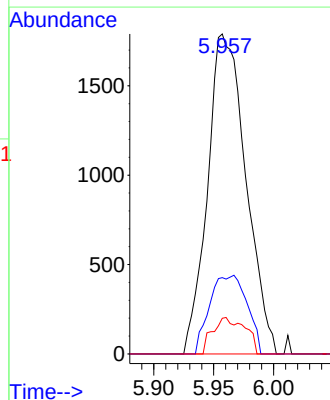
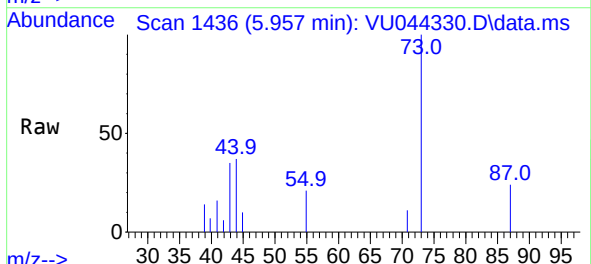
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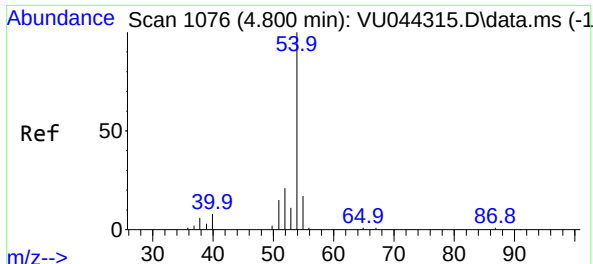
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#33
Tert-Amyl methyl ether
Concen: 0.203 ug/l
RT: 5.957 min Scan# 1436
Delta R.T. -0.000 min
Lab File: VU044330.D
Acq: 08 Jul 2021 19:03

Tgt Ion: 73 Resp: 3978
Ion Ratio Lower Upper
73 100
87 24.0 19.8 29.6
71 9.6 9.1 13.7





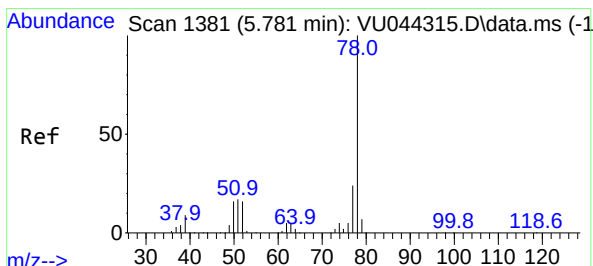
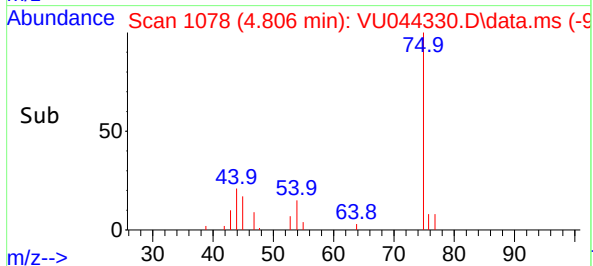
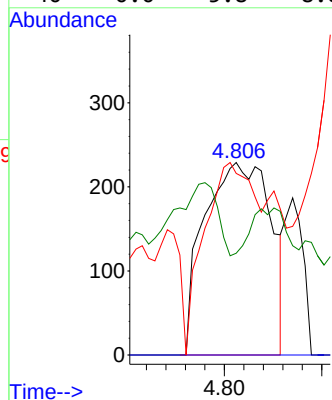
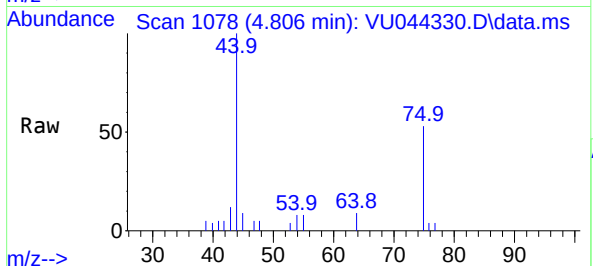
#34
 Propionitrile
 Concen: 1.114 ug/l
 RT: 4.806 min Scan# 1078
 Delta R.T. 0.006 min
 Lab File: VU044330.D
 Acq: 08 Jul 2021 19:03

Tgt Ion:	54	Resp:	541
Ion	Ratio	Lower	Upper
54	100		
52	0.0	16.3	24.5#
55	78.0	10.7	16.1#
40	0.0	5.8	8.8#

Instrument :
 MSVOA_U
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2021

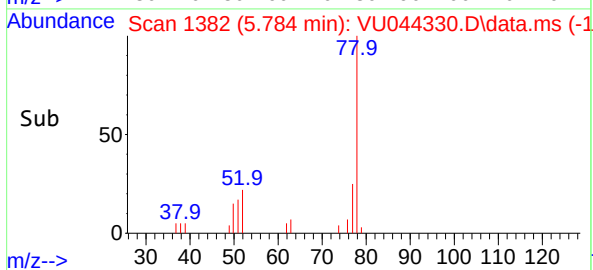
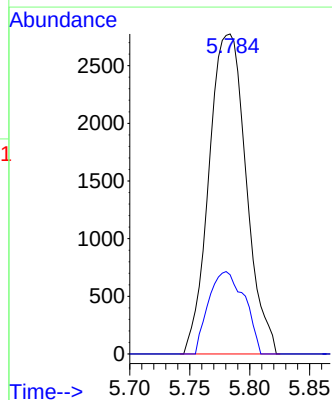
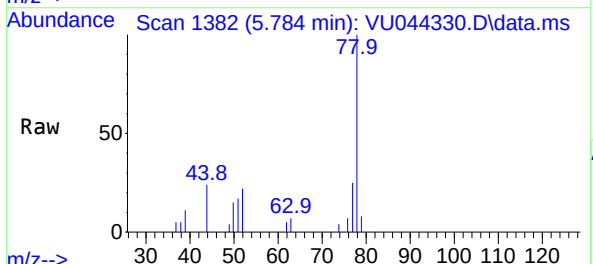
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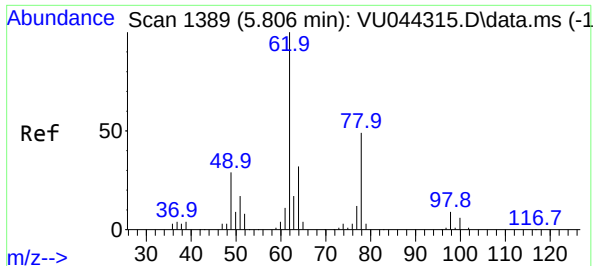
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#35
 Benzene
 Concen: 0.216 ug/l
 RT: 5.784 min Scan# 1382
 Delta R.T. 0.003 min
 Lab File: VU044330.D
 Acq: 08 Jul 2021 19:03

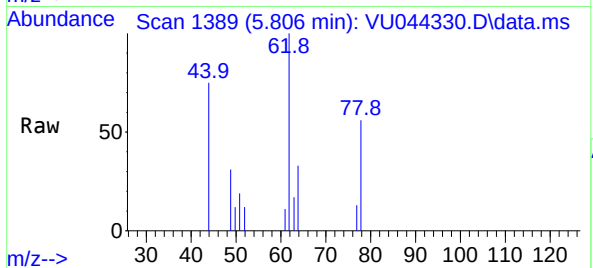
Tgt Ion:	78	Resp:	5973
Ion	Ratio	Lower	Upper
78	100		
77	24.8	19.4	29.0





#36
1,2-Dichloroethane
Concen: 0.202 ug/l
RT: 5.806 min Scan# 1389
Delta R.T. -0.000 min
Lab File: VU044330.D
Acq: 08 Jul 2021 19:03

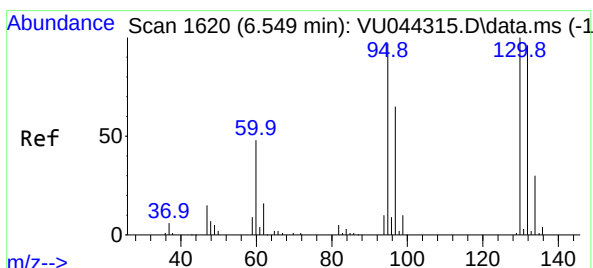
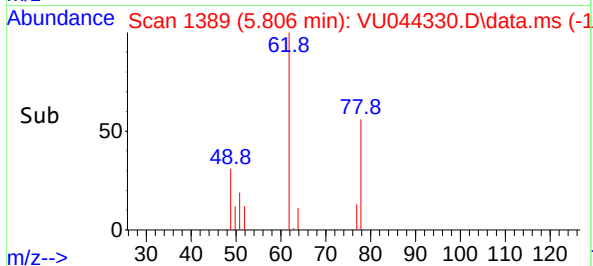
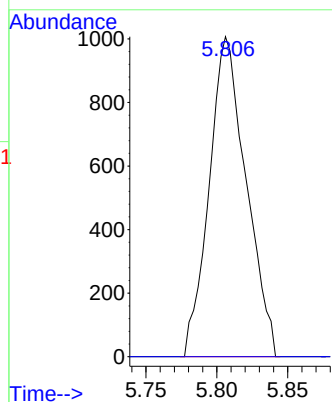
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021



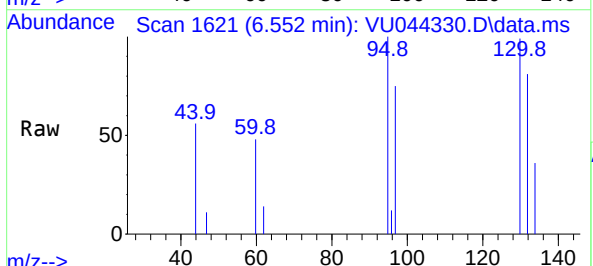
Tgt Ion: 62 Resp: 1830
Ion Ratio Lower Upper
62 100
98 0.0 7.0 10.6#

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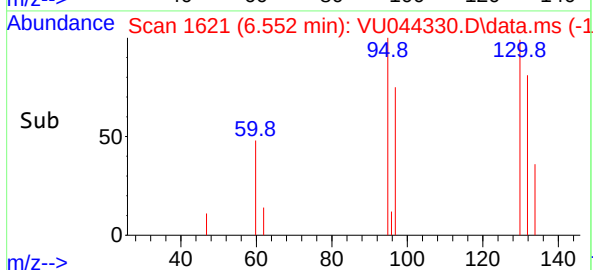
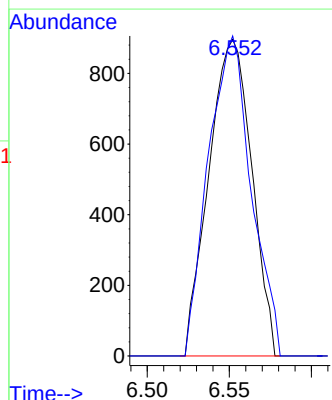
MMDadoda
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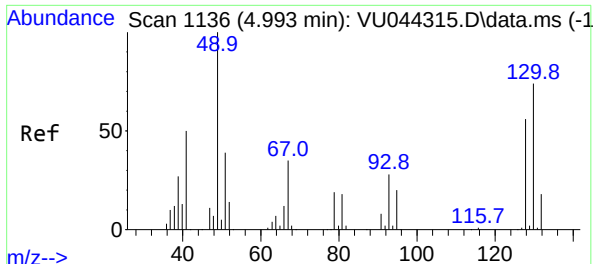


#37
Trichloroethene
Concen: 0.211 ug/l
RT: 6.552 min Scan# 1621
Delta R.T. 0.003 min
Lab File: VU044330.D
Acq: 08 Jul 2021 19:03



Tgt Ion: 130 Resp: 1626
Ion Ratio Lower Upper
130 100
95 101.1 77.8 116.6





#39

Methacrylonitrile

Concen: 0.237 ug/l

RT: 4.993 min Scan# 1136

Delta R.T. -0.000 min

Lab File: VU044330.D

Acq: 08 Jul 2021 19:03

Tgt Ion: 41 Resp: 715

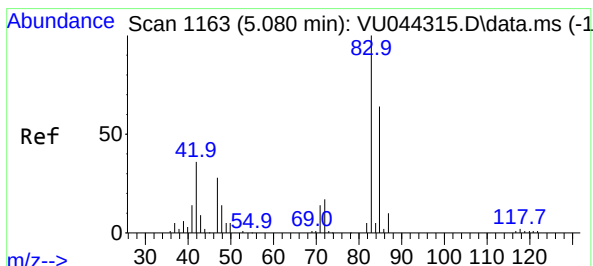
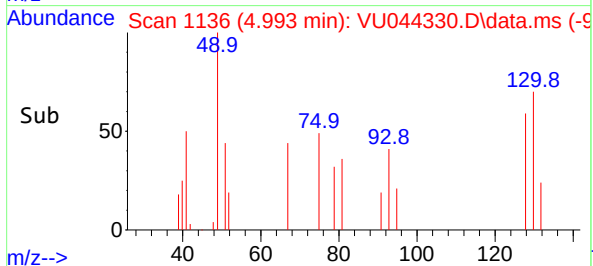
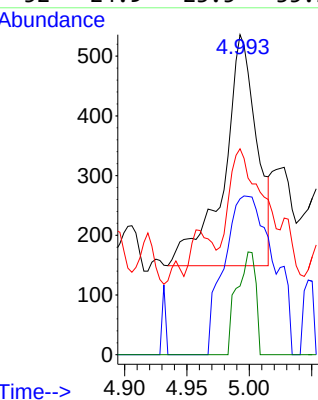
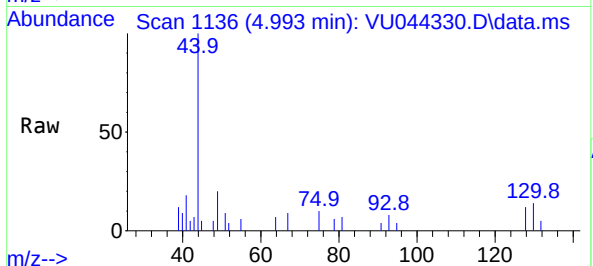
Ion Ratio Lower Upper

41 100

67 101.8 60.6 91.0#

39 37.6 43.9 65.9#

52 24.9 23.5 35.3



#41

Tetrahydrofuran

Concen: 0.637 ug/l

RT: 5.079 min Scan# 1163

Delta R.T. -0.001 min

Lab File: VU044330.D

Acq: 08 Jul 2021 19:03

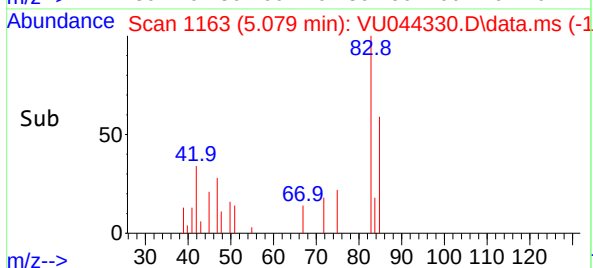
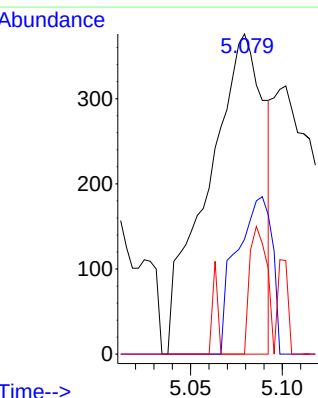
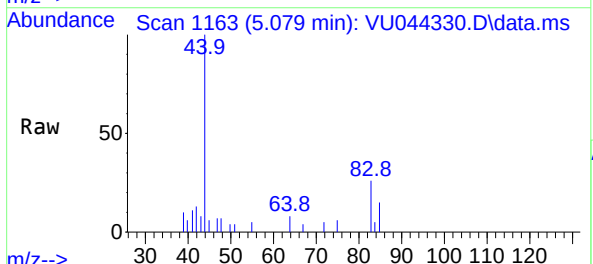
Tgt Ion: 42 Resp: 802

Ion Ratio Lower Upper

42 100

72 31.0 39.8 59.6#

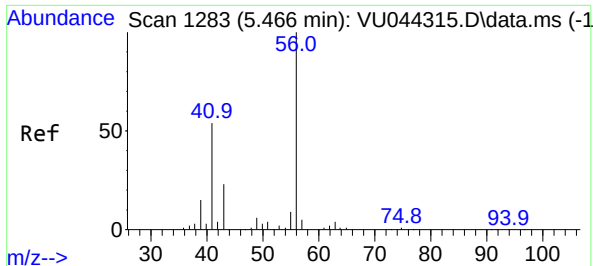
71 12.1 34.4 51.6#



Instrument :
MSVOA_U
ClientSampleId :
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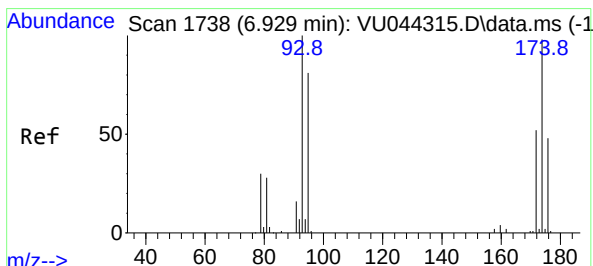
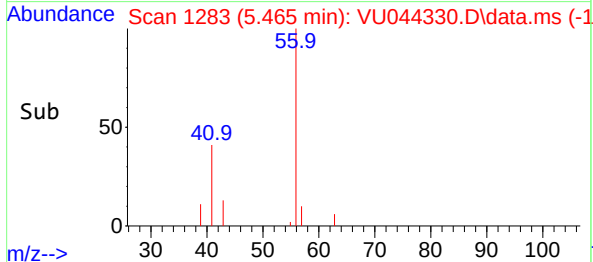
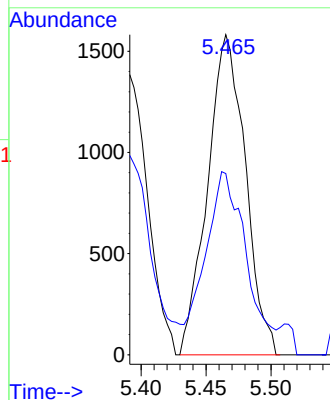
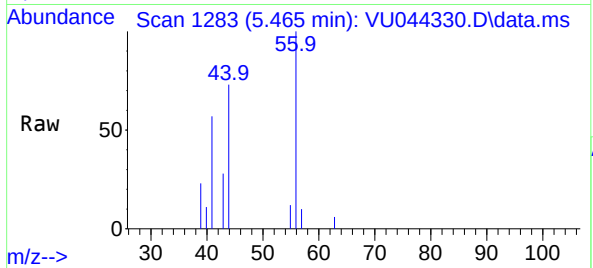
#42
1-Chlorobutane
Concen: 0.231 ug/l
RT: 5.465 min Scan# 1283
Delta R.T. -0.000 min
Lab File: VU044330.D
Acq: 08 Jul 2021 19:03

Tgt Ion: 56 Resp: 3202
Ion Ratio Lower Upper
56 100
41 45.7 27.4 82.0

Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021

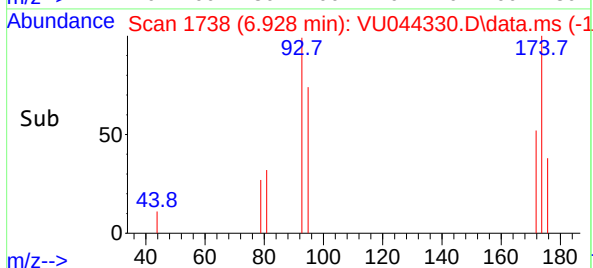
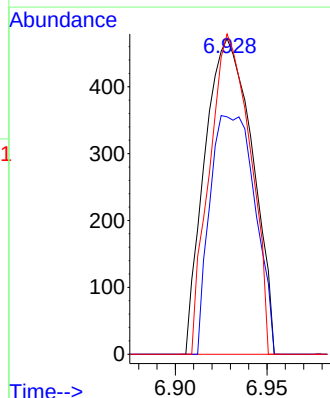
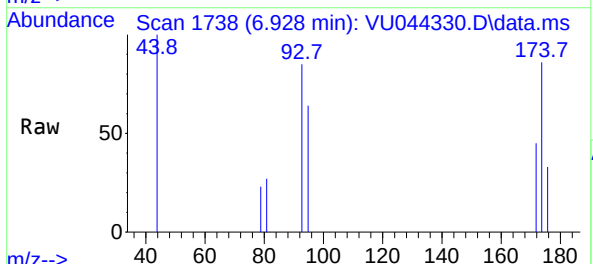
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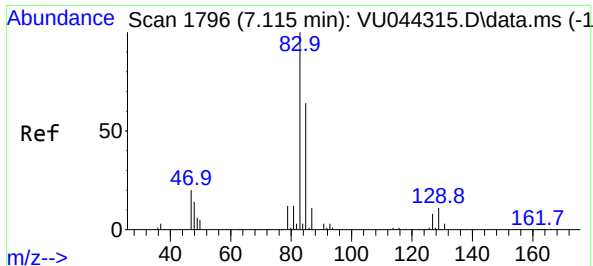
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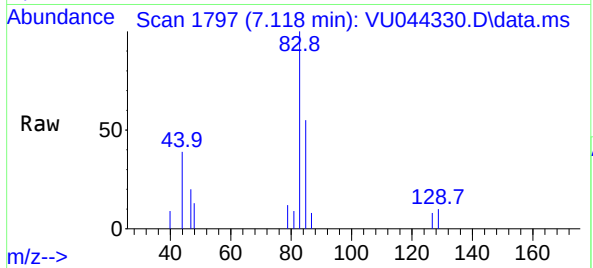
#43
Dibromomethane
Concen: 0.210 ug/l
RT: 6.928 min Scan# 1738
Delta R.T. -0.000 min
Lab File: VU044330.D
Acq: 08 Jul 2021 19:03

Tgt Ion: 93 Resp: 852
Ion Ratio Lower Upper
93 100
95 71.7 65.2 97.8
174 87.1 78.2 117.4

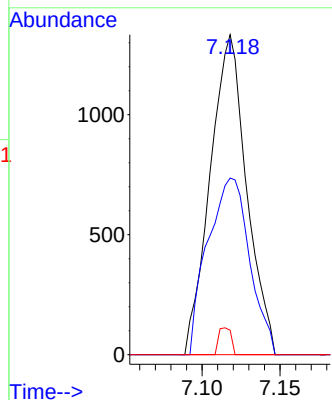




#44
Bromodichloromethane
Concen: 0.210 ug/l
RT: 7.118 min Scan# 1797
Delta R.T. 0.003 min
Lab File: VU044330.D
Acq: 08 Jul 2021 19:03



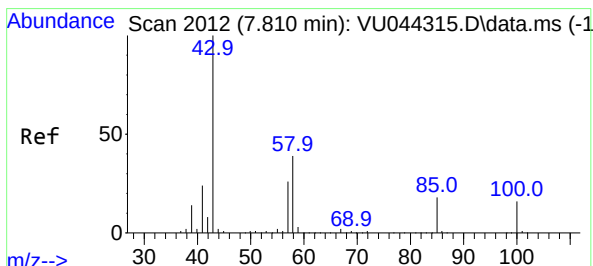
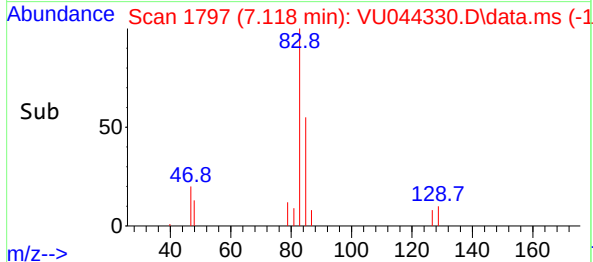
Tgt Ion: 83 Resp: 2167
Ion Ratio Lower Upper
83 100
85 55.2 51.3 76.9
127 7.7 7.3 10.9



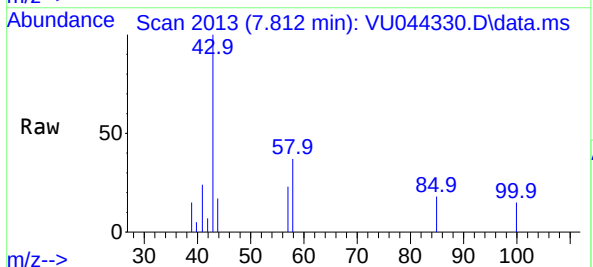
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021

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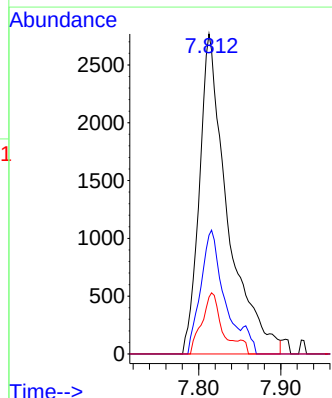
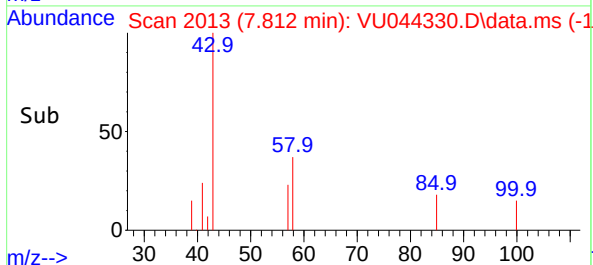
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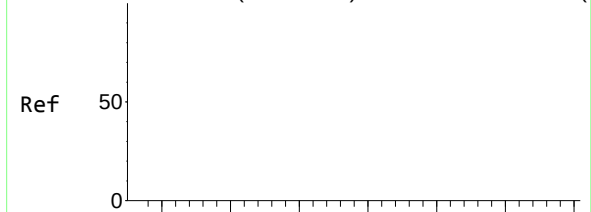
#45
4-Methyl-2-Pentanone
Concen: 1.135 ug/l
RT: 7.812 min Scan# 2013
Delta R.T. 0.003 min
Lab File: VU044330.D
Acq: 08 Jul 2021 19:03



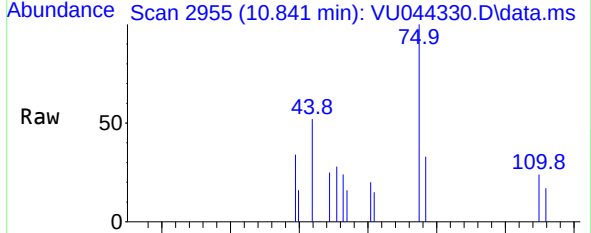
Tgt Ion: 43 Resp: 6595
Ion Ratio Lower Upper
43 100
58 31.1 19.8 59.3
85 13.4 14.6 21.8#



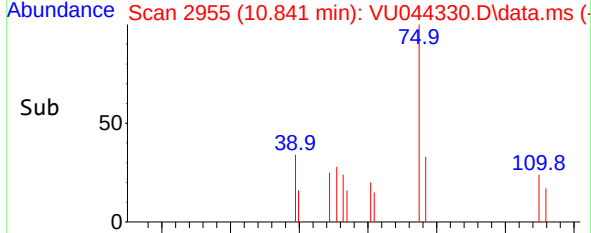
Abundance Scan 2955 (10.842 min): VU044315.D\data.ms (-1)



m/z--> Scan 2955 (10.841 min): VU044330.D\data.ms



m/z--> Scan 2955 (10.841 min): VU044330.D\data.ms (-1)



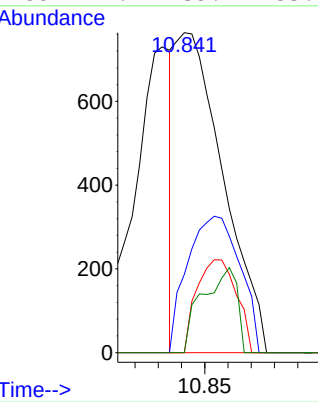
m/z-->

#46

t-1,4-Dichloro-2-butene
Concen: 0.482 ug/l m
RT: 10.841 min Scan# 2955
Delta R.T. -0.000 min
Lab File: VU044330.D
Acq: 08 Jul 2021 19:03

Tgt Ion: 75 Resp: 1096

Ion	Ratio	Lower	Upper
75	100		
53	46.7	63.7	95.5#
89	24.0	44.6	67.0#
88	19.1	35.4	53.0#

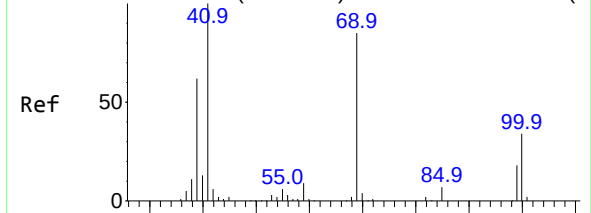


Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021

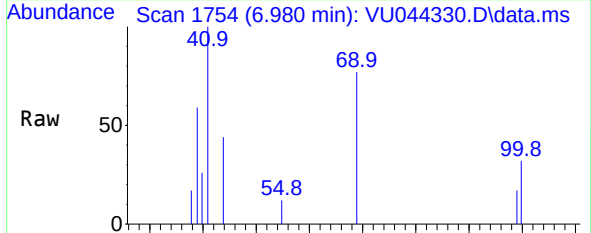
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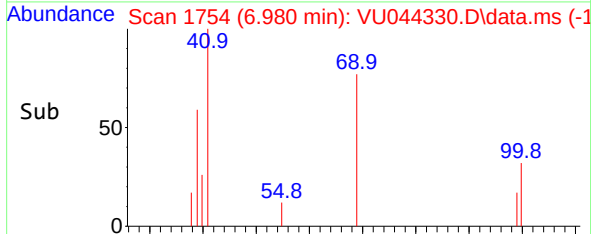
Abundance Scan 1753 (6.977 min): VU044315.D\data.ms (-1)



m/z--> Scan 1754 (6.980 min): VU044330.D\data.ms



m/z--> Scan 1754 (6.980 min): VU044330.D\data.ms (-1)



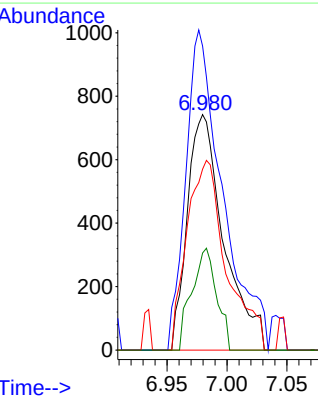
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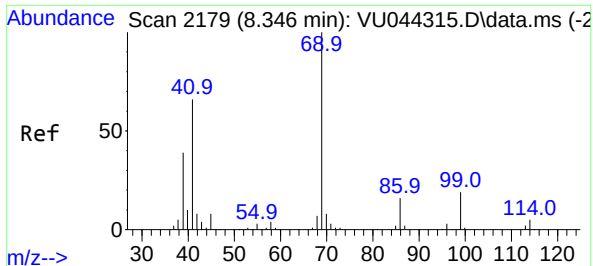
#47

Methyl methacrylate
Concen: 0.379 ug/l
RT: 6.980 min Scan# 1754
Delta R.T. 0.003 min
Lab File: VU044330.D
Acq: 08 Jul 2021 19:03

Tgt Ion: 69 Resp: 1575

Ion	Ratio	Lower	Upper
69	100		
41	137.3	0.0	232.2
39	86.7	57.5	86.3#
100	29.4	31.1	46.7#





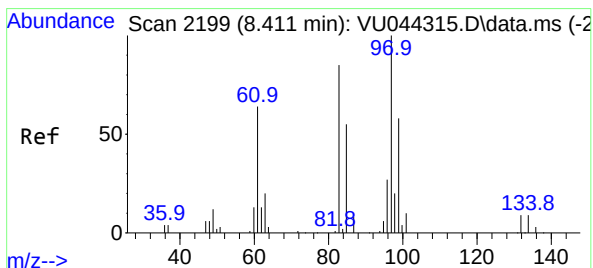
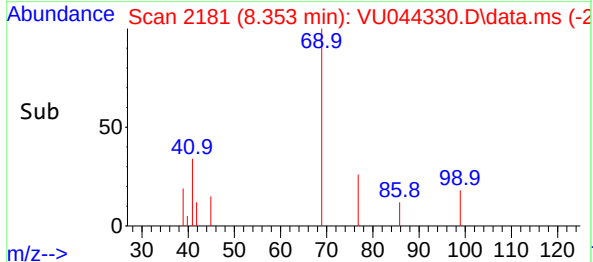
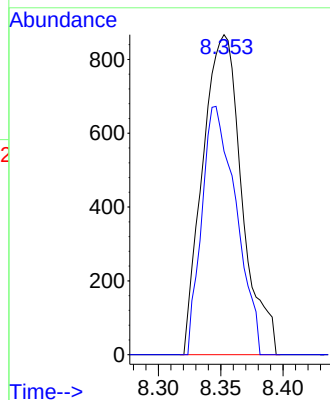
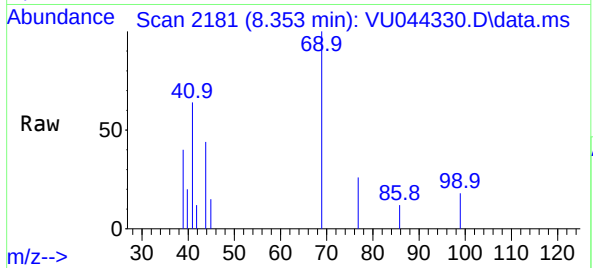
#48
Ethyl methacrylate
Concen: 0.214 ug/l
RT: 8.353 min Scan# 2181
Delta R.T. 0.006 min
Lab File: VU044330.D
Acq: 08 Jul 2021 19:03

Tgt Ion: 69 Resp: 1901
Ion Ratio Lower Upper
69 100
41 67.5 33.1 99.5

Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021

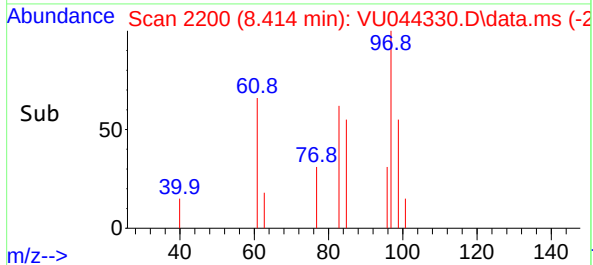
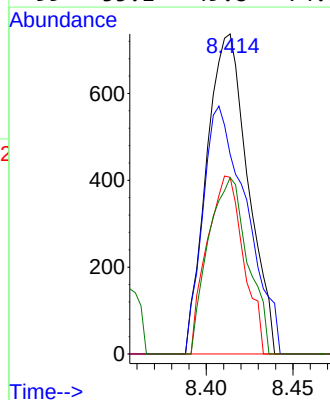
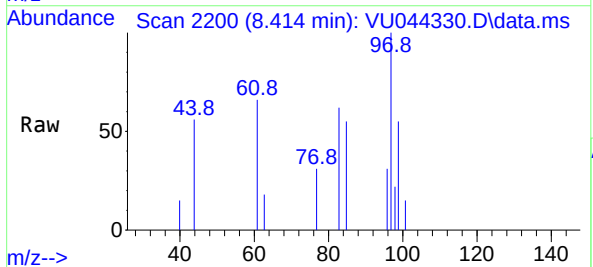
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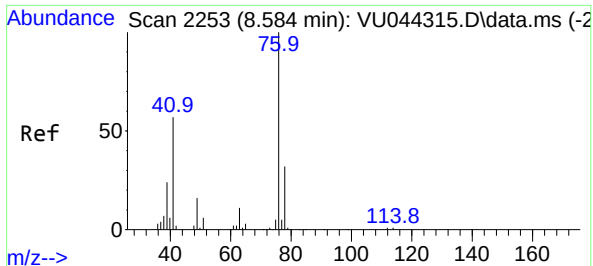
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#52
1,1,2-Trichloroethane
Concen: 0.217 ug/l
RT: 8.414 min Scan# 2200
Delta R.T. 0.003 min
Lab File: VU044330.D
Acq: 08 Jul 2021 19:03

Tgt Ion: 97 Resp: 1223
Ion Ratio Lower Upper
97 100
83 62.4 68.2 102.2#
85 55.2 44.0 66.0
99 55.1 49.8 74.8





#53

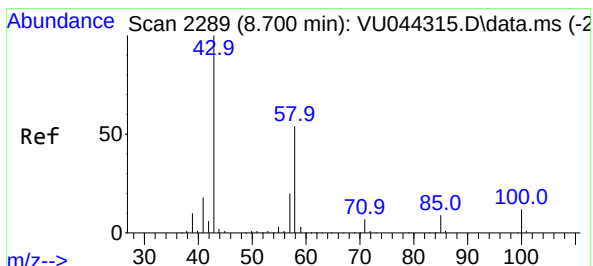
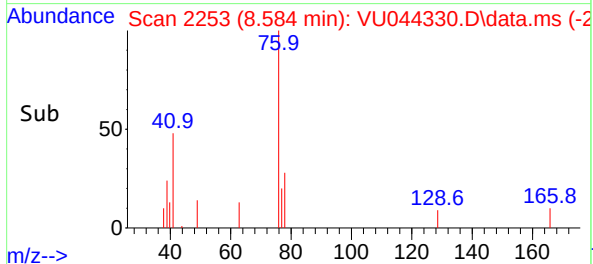
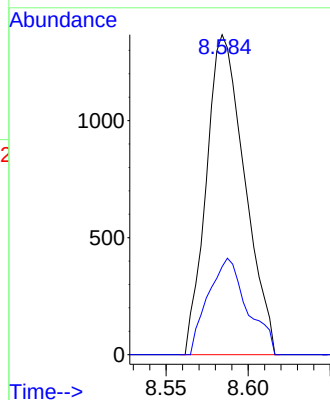
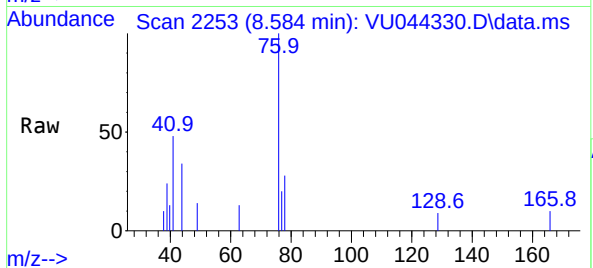
1,3-Dichloropropane
Concen: 0.214 ug/l
RT: 8.584 min Scan# 2253
Delta R.T. 0.000 min
Lab File: VU044330.D
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Tgt Ion: 76 Resp: 2217
Ion Ratio Lower Upper
76 100
78 30.9 25.9 38.9

Instrument :
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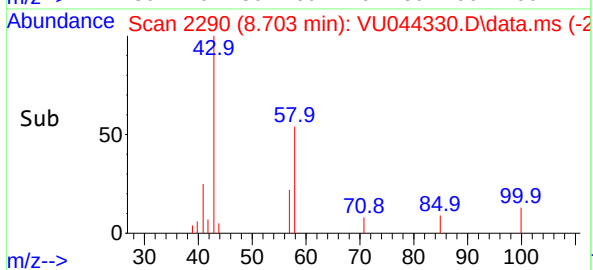
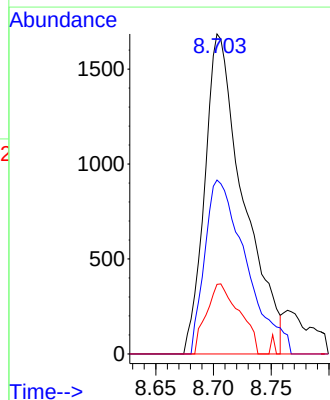
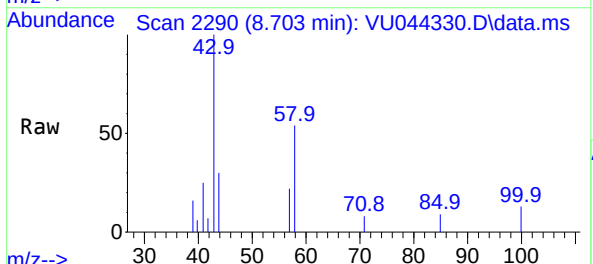
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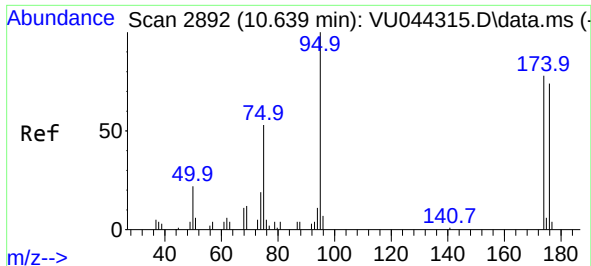


#54

2-Hexanone
Concen: 0.927 ug/l
RT: 8.703 min Scan# 2290
Delta R.T. 0.003 min
Lab File: VU044330.D
Acq: 08 Jul 2021 19:03

Tgt Ion: 43 Resp: 3920
Ion Ratio Lower Upper
43 100
58 58.0 34.4 74.4
57 18.7 0.0 39.5





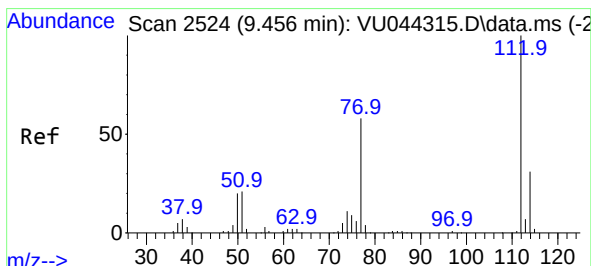
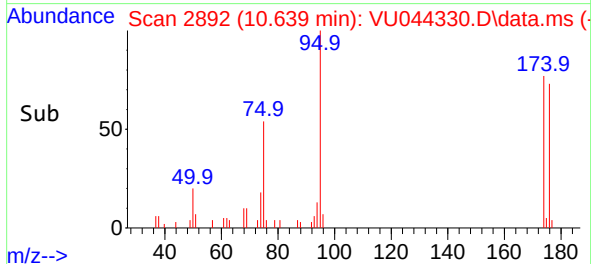
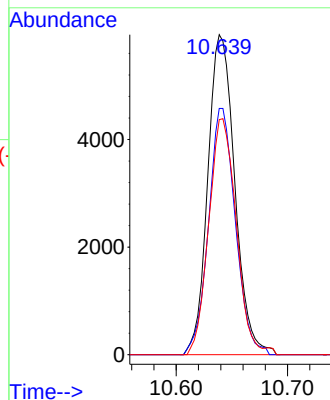
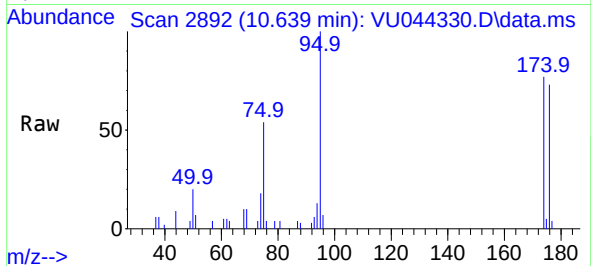
#57
4-Bromofluorobenzene
Concen: 0.922 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU044330.D
Acq: 08 Jul 2021 19:03

Tgt Ion: 95 Resp: 10037
Ion Ratio Lower Upper
95 100
174 76.4 62.2 93.2
176 75.1 60.3 90.5

Instrument :
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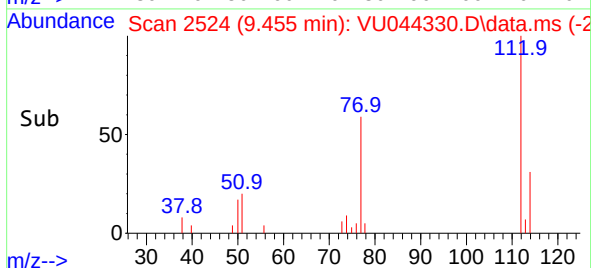
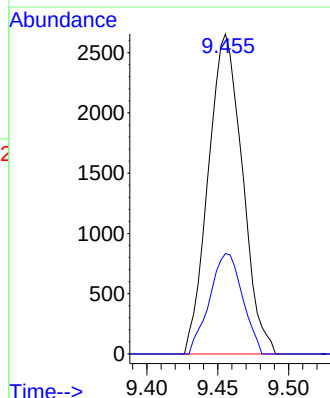
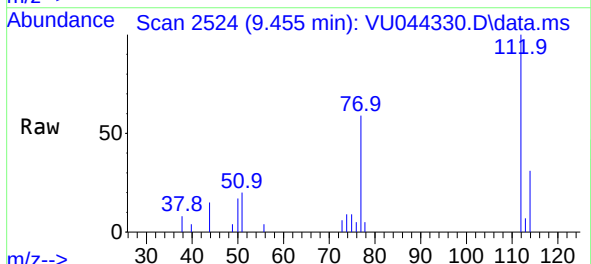
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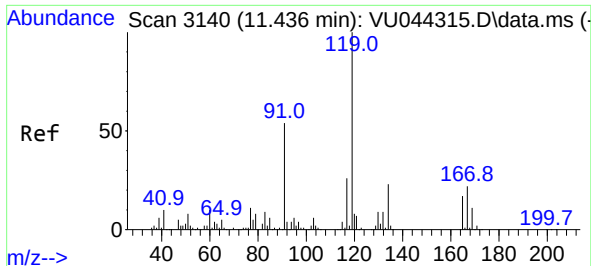
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#59
Chlorobenzene
Concen: 0.216 ug/l
RT: 9.455 min Scan# 2524
Delta R.T. -0.000 min
Lab File: VU044330.D
Acq: 08 Jul 2021 19:03

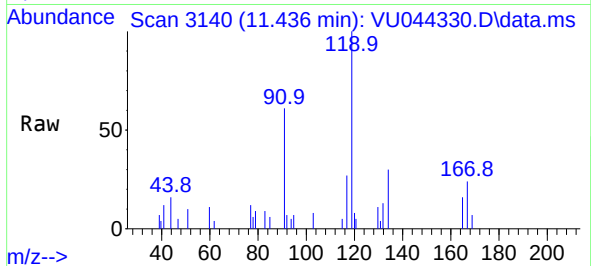
Tgt Ion: 112 Resp: 4442
Ion Ratio Lower Upper
112 100
114 31.4 25.0 37.6





#61
Pentachloroethane
Concen: 0.202 ug/l
RT: 11.436 min Scan# 3140
Delta R.T. -0.000 min
Lab File: VU044330.D
Acq: 08 Jul 2021 19:03

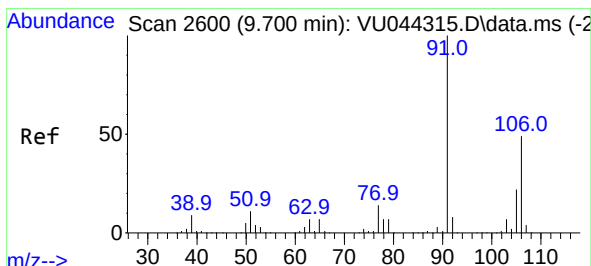
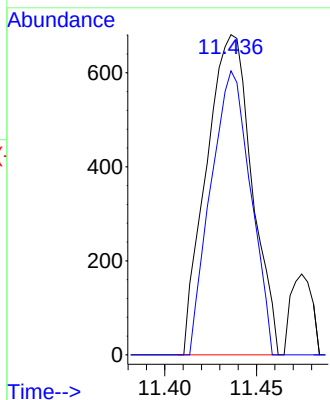
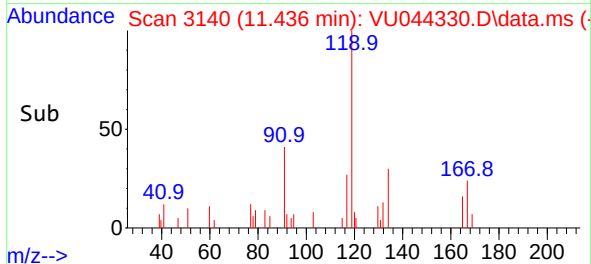
Instrument :
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ClientSampleId :
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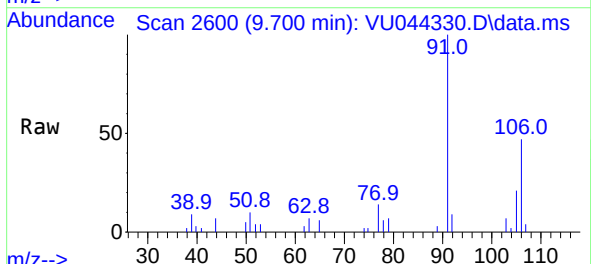
Tgt Ion:117 Resp: 1178
Ion Ratio Lower Upper
117 100
167 77.2 66.7 100.1

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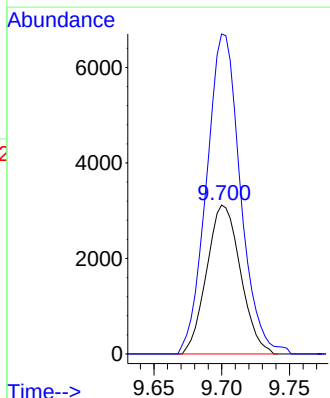
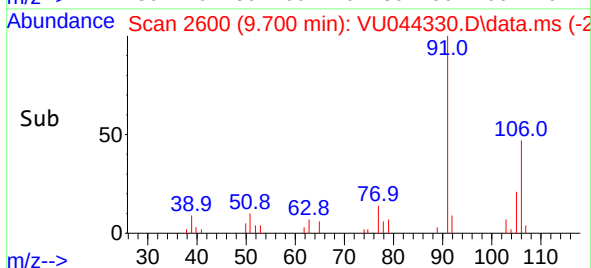
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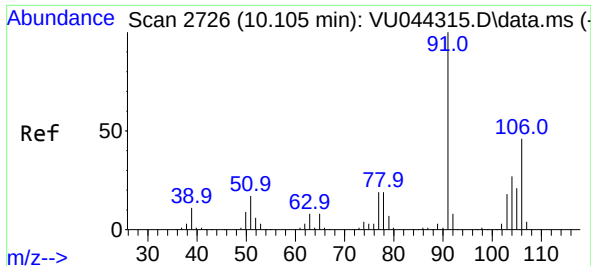


#64
m/p-Xylenes
Concen: 0.383 ug/l
RT: 9.700 min Scan# 2600
Delta R.T. -0.000 min
Lab File: VU044330.D
Acq: 08 Jul 2021 19:03



Tgt Ion:106 Resp: 5413
Ion Ratio Lower Upper
106 100
91 215.4 162.5 243.7





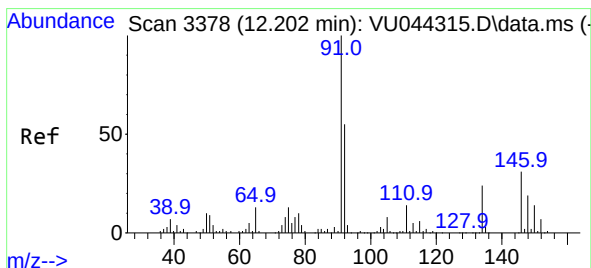
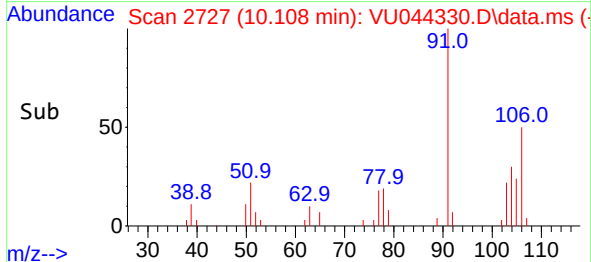
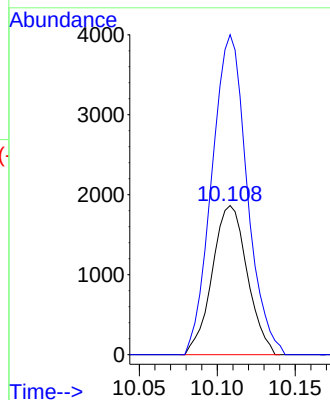
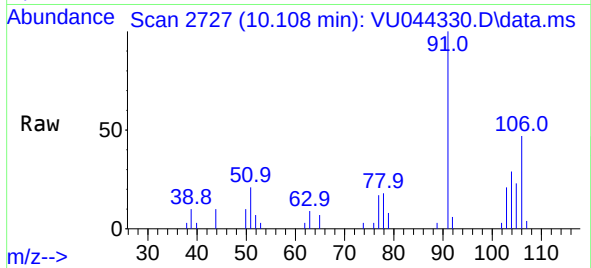
#65
o-Xylene
Concen: 0.211 ug/l
RT: 10.108 min Scan# 2727
Delta R.T. 0.003 min
Lab File: VU044330.D
Acq: 08 Jul 2021 19:03

Tgt Ion:106 Resp: 2919
Ion Ratio Lower Upper
106 100
91 215.4 108.2 324.6

Instrument :
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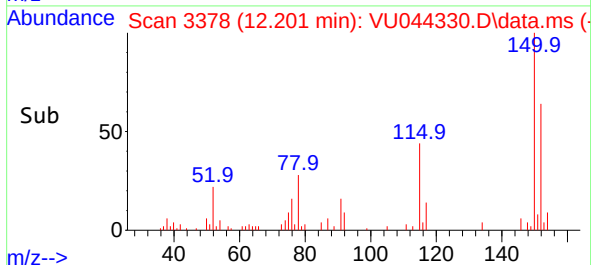
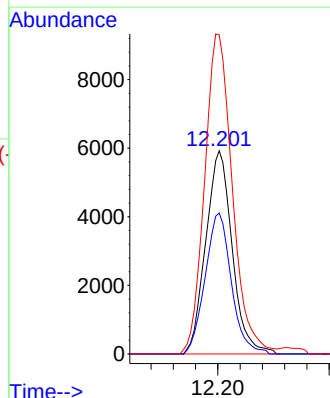
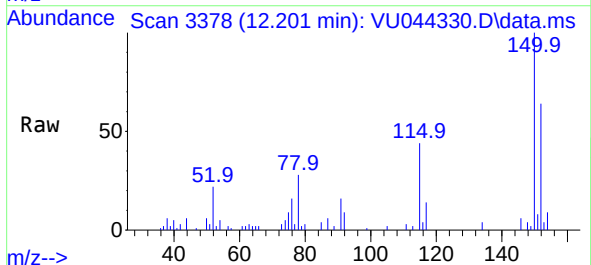
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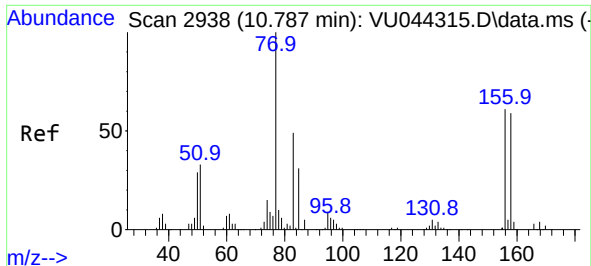
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#68
1,2-Dichlorobenzene-d4
Concen: 0.900 ug/l
RT: 12.201 min Scan# 3378
Delta R.T. -0.000 min
Lab File: VU044330.D
Acq: 08 Jul 2021 19:03

Tgt Ion:152 Resp: 9769
Ion Ratio Lower Upper
152 100
115 68.5 0.0 257.0
150 165.3 0.0 630.2





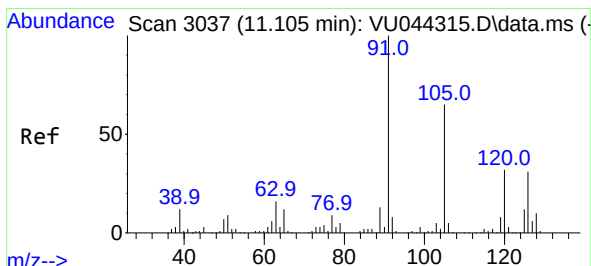
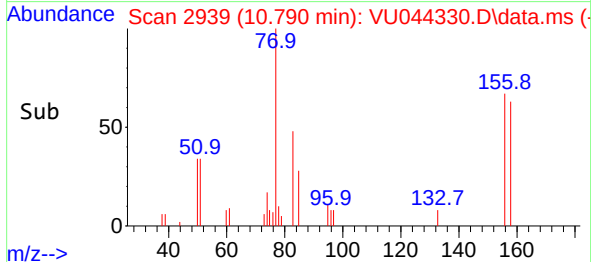
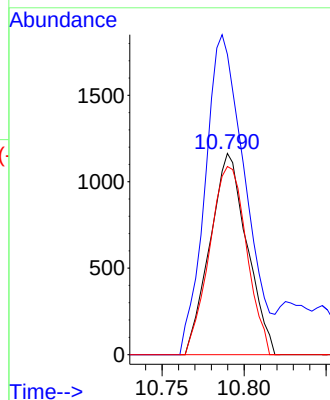
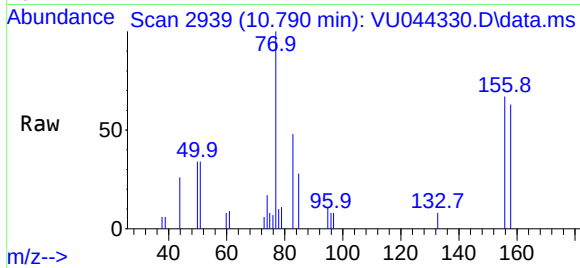
#72
Bromobenzene
Concen: 0.207 ug/l
RT: 10.790 min Scan# 2939
Delta R.T. 0.003 min
Lab File: VU044330.D
Acq: 08 Jul 2021 19:03

Tgt Ion:156 Resp: 1823
Ion Ratio Lower Upper
156 100
77 172.0 0.0 324.2
158 93.7 0.0 192.4

Instrument :
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ClientSampleId :
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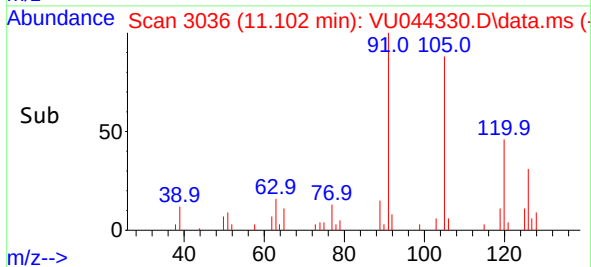
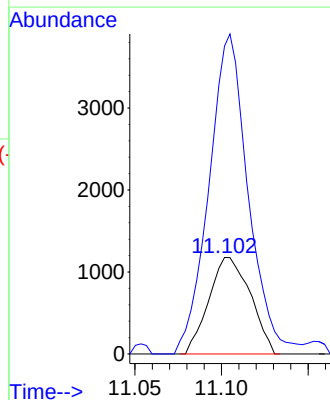
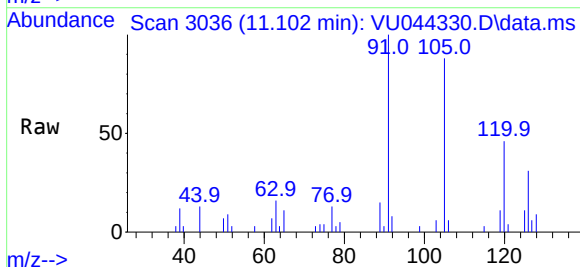
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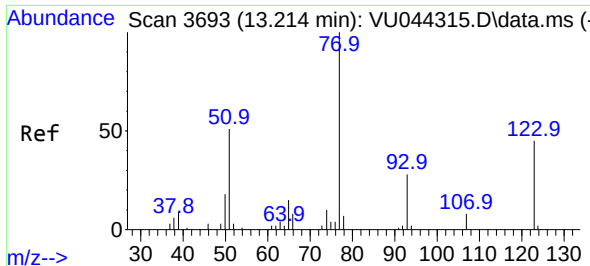
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#76
4-Chlorotoluene
Concen: 0.209 ug/l
RT: 11.102 min Scan# 3036
Delta R.T. -0.004 min
Lab File: VU044330.D
Acq: 08 Jul 2021 19:03

Tgt Ion:126 Resp: 1960
Ion Ratio Lower Upper
126 100
91 314.5 0.0 692.4





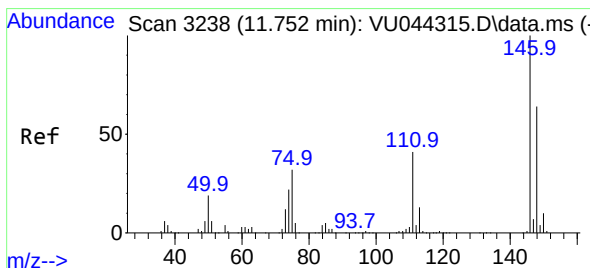
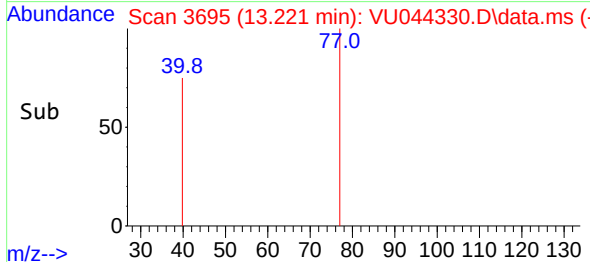
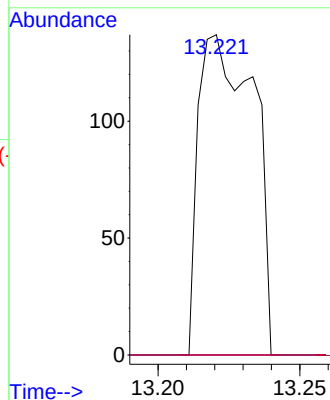
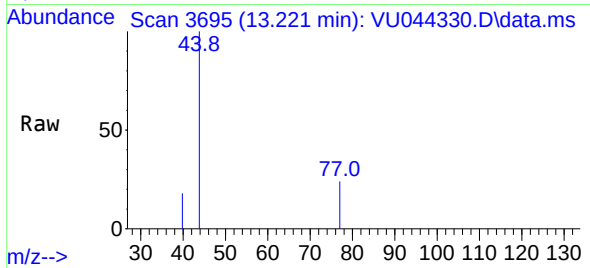
#80
Nitrobenzene
Concen: 0.593 ug/l
RT: 13.221 min Scan# 3695
Delta R.T. 0.006 min
Lab File: VU044330.D
Acq: 08 Jul 2021 19:03

Tgt Ion: 77	Resp:	184
Ion Ratio	Lower	Upper
77	100	
123	0.0	19.0
65	0.0	12.2

Instrument :
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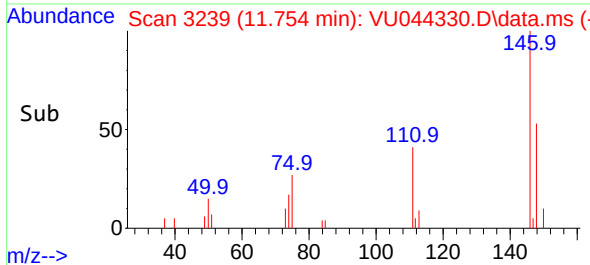
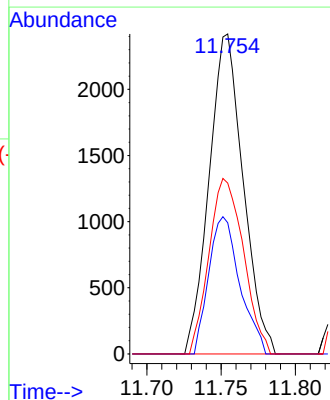
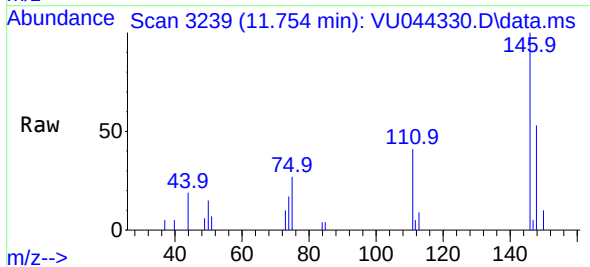
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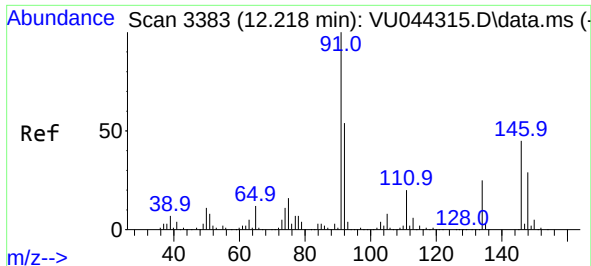
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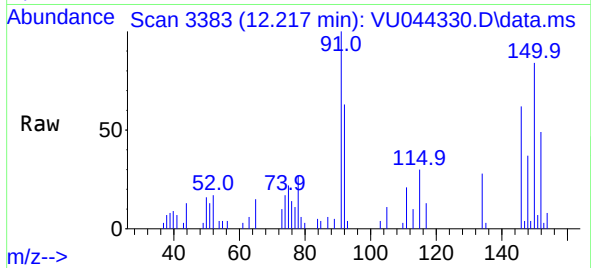
#82
1,3-Dichlorobenzene
Concen: 0.214 ug/l
RT: 11.754 min Scan# 3239
Delta R.T. 0.003 min
Lab File: VU044330.D
Acq: 08 Jul 2021 19:03

Tgt Ion: 146	Resp:	3854
Ion Ratio	Lower	Upper
146	100	
111	39.2	33.3
148	55.6	50.9

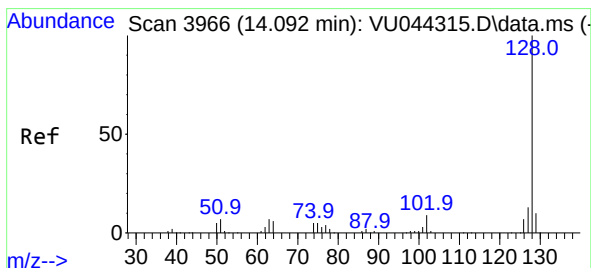
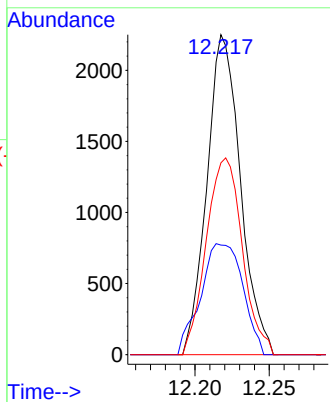
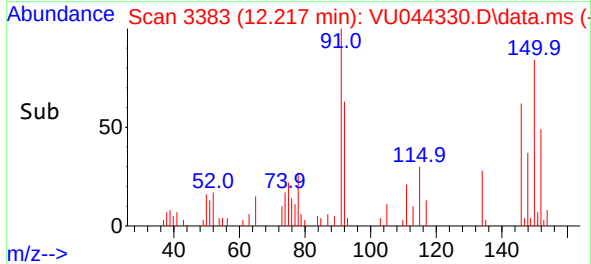




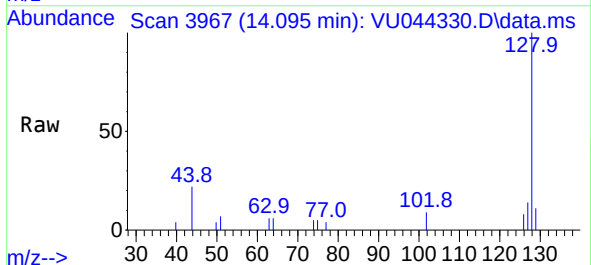
#85
1,2-Dichlorobenzene
Concen: 0.208 ug/l
RT: 12.217 min Scan# 3383
Delta R.T. -0.000 min
Lab File: VU044330.D
Acq: 08 Jul 2021 19:03



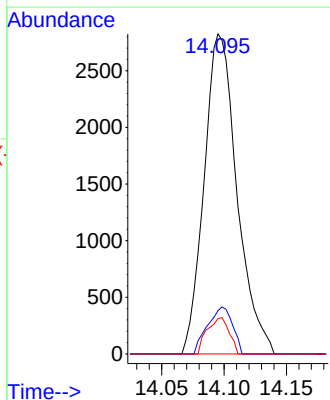
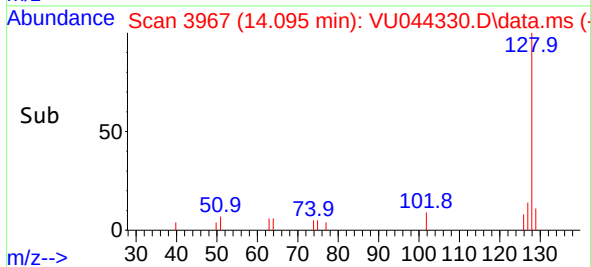
Tgt Ion:146 Resp: 3536
Ion Ratio Lower Upper
146 100
111 43.6 21.6 64.6
148 66.1 31.9 95.7



#89
Naphthalene
Concen: 0.222 ug/l
RT: 14.095 min Scan# 3967
Delta R.T. 0.003 min
Lab File: VU044330.D
Acq: 08 Jul 2021 19:03



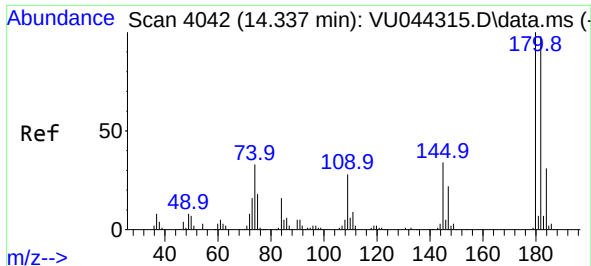
Tgt Ion:128 Resp: 5185
Ion Ratio Lower Upper
128 100
127 11.1 10.4 15.6
129 7.6 8.6 13.0#



Instrument :
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#90
 1,2,3-Trichlorobenzene
 Concen: 0.222 ug/l
 RT: 14.339 min Scan# 4043
 Delta R.T. 0.003 min
 Lab File: VU044330.D
 Acq: 08 Jul 2021 19:03

Tgt Ion:180 Resp: 2393
 Ion Ratio Lower Upper
 180 100
 182 90.0 77.1 115.7
 145 33.2 27.0 40.4

Instrument :
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 ClientSampleId :
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