

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101321\
 Data File : VU045311.D
 Acq On : 13 Oct 2021 16:41
 Operator : SY/MD
 Sample : M4068-07 0.25PPB
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2021

Manual Integrations
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Quant Time: Oct 14 06:49:44 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U101321DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Oct 14 05:46:27 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.121	96	40877	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.639	95	13463	0.897	ug/l	0.00
Spiked Amount 1.000			Recovery	=	90.000%	
68) 1,2-Dichlorobenzene-d4	12.198	152	12912	0.919	ug/l	0.00
Spiked Amount 1.000			Recovery	=	92.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	3022	0.193	ug/l	97
3) Chloromethane	1.520	50	3855	0.237	ug/l	96
4) Vinyl Chloride	1.604	62	3687	0.218	ug/l	91
5) Bromomethane	1.858	94	2407	0.260	ug/l	82
6) Chloroethane	1.935	64	2333	0.213	ug/l	97
7) Trichlorofluoromethane	2.141	101	4198	0.213	ug/l	94
8) 1,1,2-Trichloro-1,2,2-...	2.581	101	2246	0.198	ug/l	96
9) 1,1-Dichloroethene	2.581	96	2241	0.211	ug/l	97
10) Iodomethane	2.726	142	1842	0.166	ug/l	99
11) Allyl Chloride	2.925	41	3002	0.192	ug/l	94
12) Acrylonitrile	3.334	53	838m	0.309	ug/l	
13) Acetone	2.642	43	4285m	1.325	ug/l	
14) Carbon Disulfide	2.797	76	7166	0.221	ug/l	# 93
15) Methylene Chloride	3.051	84	8575	0.666	ug/l	93
16) trans-1,2-Dichloroethene	3.356	96	2152	0.188	ug/l	93
17) 1,1-Dichloroethane	3.874	63	4835	0.226	ug/l	# 93
18) 2-Butanone	4.729	43	4674m	1.137	ug/l	
19) Cyclohexane	5.391	56	3872m	0.195	ug/l	
20) Methylcyclohexane	6.771	83	3553	0.180	ug/l	97
21) 2,2-Dichloropropane	4.671	77	3722	0.204	ug/l	95
22) cis-1,2-Dichloroethene	4.678	96	2436	0.194	ug/l	90
23) Diethyl Ether	2.382	59	2014	0.200	ug/l	# 88
24) tert-Butyl Alcohol	3.199	59	1537m	1.949	ug/l	
25) Methyl tert-Butyl Ether	3.379	73	5898	0.199	ug/l	99
26) Bromochloromethane	4.983	128	1015	0.189	ug/l	95
27) Chloroform	5.096	83	5504	0.251	ug/l	100
28) 1,1,1-Trichloroethane	5.317	97	3781	0.210	ug/l	94
29) 1,1-Dichloropropene	5.533	75	3005	0.183	ug/l	96
30) Carbon Tetrachloride	5.533	117	2706	0.194	ug/l	89
31) Isopropyl Ether	4.002	45	6937	0.205	ug/l	# 60
32) Ethyl-t-butyl ether	4.510	59	6984	0.204	ug/l	98
33) Tert-Amyl methyl ether	5.948	73	5730	0.189	ug/l	# 79
34) Propionitrile	4.813	54	482m	0.471	ug/l	
35) Benzene	5.780	78	10094	0.213	ug/l	99
36) 1,2-Dichloroethane	5.800	62	3359	0.222	ug/l	# 82
37) Trichloroethene	6.546	130	2569	0.222	ug/l	85
38) 1,2-Dichloropropane	6.797	63	2485	0.202	ug/l	94
39) Methacrylonitrile	4.980	41	634m	0.156	ug/l	
40) Methyl acrylate	4.874	55	1150m	0.170	ug/l	
41) Tetrahydrofuran	5.073	42	643	0.278	ug/l	# 68
42) 1-Chlorobutane	5.465	56	4588	0.194	ug/l	92
43) Dibromomethane	6.925	93	1263	0.207	ug/l	94
44) Bromodichloromethane	7.108	83	3148	0.206	ug/l	96

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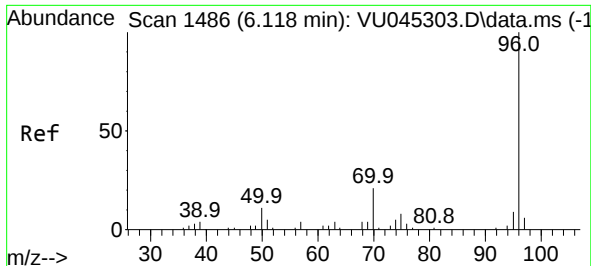
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.803	43	8477	1.015	ug/l	94
46) t-1,4-Dichloro-2-butene	10.841	75	869m	0.296	ug/l	
47) Methyl methacrylate	6.970	69	2296	0.370	ug/l	97
48) Ethyl methacrylate	8.343	69	2046	0.167	ug/l	100
49) Toluene	7.973	92	5528	0.189	ug/l	90
50) t-1,3-Dichloropropene	8.214	75	2942	0.197	ug/l #	83
51) cis-1,3-Dichloropropene	7.616	75	3274	0.188	ug/l	99
52) 1,1,2-Trichloroethane	8.411	97	1778	0.202	ug/l	95
53) 1,3-Dichloropropane	8.581	76	3271	0.199	ug/l	92
54) 2-Hexanone	8.697	43	6734	1.044	ug/l	95
55) Dibromochloromethane	8.816	129	1771	0.191	ug/l	97
56) 1,2-Dibromoethane	8.931	107	1612	0.194	ug/l	97
58) Tetrachloroethene	8.558	164	2111	0.203	ug/l	91
59) Chlorobenzene	9.456	112	6178	0.204	ug/l	96
60) 1,1,1,2-Tetrachloroethane	9.539	131	1951	0.194	ug/l	97
61) Pentachloroethane	11.433	117	1493	0.204	ug/l	95
62) Hexachloroethane	12.481	117	1534	0.199	ug/l	97
63) Ethyl Benzene	9.578	91	9944	0.183	ug/l	96
64) m/p-Xylenes	9.700	106	7604	0.368	ug/l	98
65) o-Xylene	10.105	106	3530	0.175	ug/l	99
66) Styrene	10.121	104	5626	0.171	ug/l	99
67) Bromoform	10.301	173	777	0.160	ug/l #	93
69) Isopropylbenzene	10.488	105	9690	0.183	ug/l	96
70) 1,1,2,2-Tetrachloroethane	10.787	83	2532	0.223	ug/l #	90
71) 1,2,3-Trichloropropane	10.829	75	1867m	0.200	ug/l	
72) Bromobenzene	10.787	156	2427	0.207	ug/l	96
73) n-propylbenzene	10.912	120	2360	0.170	ug/l	100
74) 2-Chlorotoluene	10.992	126	2204	0.184	ug/l	94
75) 1,3,5-Trimethylbenzene	11.092	105	7439	0.168	ug/l	99
76) 4-Chlorotoluene	11.105	126	2368	0.194	ug/l	86
77) tert-Butylbenzene	11.427	119	7856	0.183	ug/l	99
78) 1,2,4-Trimethylbenzene	11.475	105	7473	0.166	ug/l	100
79) sec-Butylbenzene	11.648	105	9804	0.166	ug/l	96
80) Nitrobenzene	13.221	77	293	0.908	ug/l #	42
81) p-Isopropyltoluene	11.800	119	7444	0.157	ug/l	98
82) 1,3-Dichlorobenzene	11.751	146	4517	0.193	ug/l	99
83) 1,4-Dichlorobenzene	11.841	146	4587	0.198	ug/l	98
84) n-Butylbenzene	12.214	91	6818	0.151	ug/l	100
85) 1,2-Dichlorobenzene	12.217	146	4621	0.208	ug/l	97
86) 1,2-Dibromo-3-Chloropr...	13.002	75	312	0.166	ug/l #	83
87) 1,2,4-Trichlorobenzene	13.844	180	2858	0.209	ug/l	96
88) Hexachlorobutadiene	14.028	225	1229	0.192	ug/l	96
89) Naphthalene	14.092	128	5792	0.215	ug/l #	94
90) 1,2,3-Trichlorobenzene	14.333	180	2597	0.204	ug/l	96

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



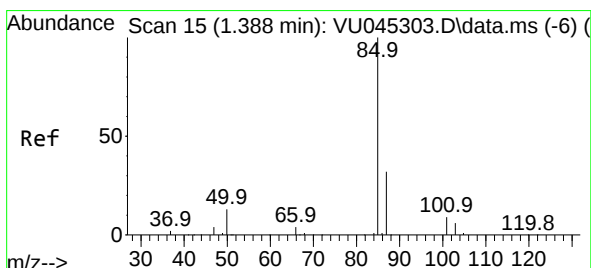
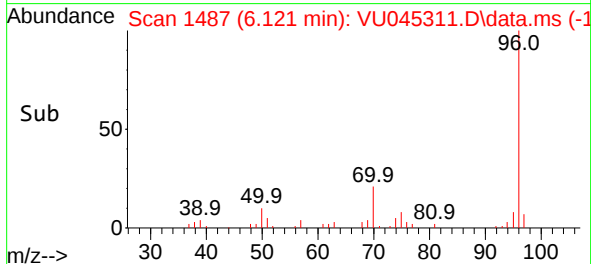
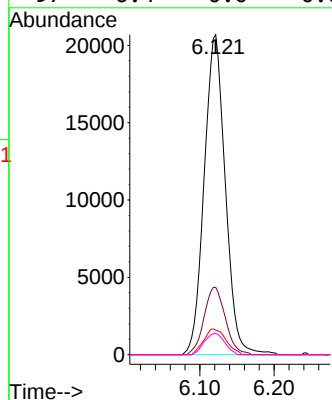
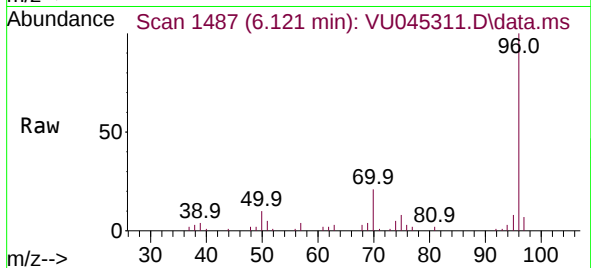
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Fluorobenzene
Concen: 1.000 ug/l
RT: 6.121 min Scan# 1487
Delta R.T. 0.003 min
Lab File: VU045311.D
Acq: 13 Oct 2021 16:41

Tgt Ion:	96	Resp:	40877
Ion	Ratio	Lower	Upper
96	100		
70	21.2	16.8	25.2
95	8.4	7.3	10.9
97	6.4	0.0	0.0#

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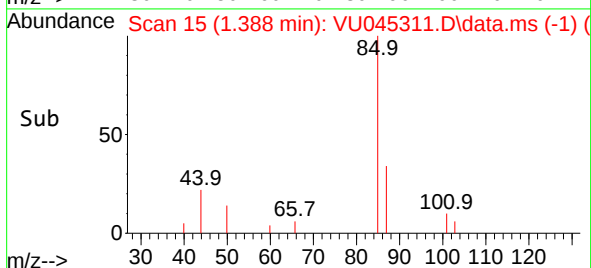
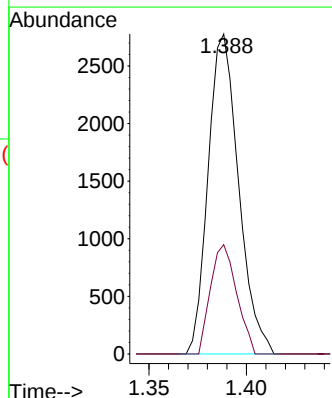
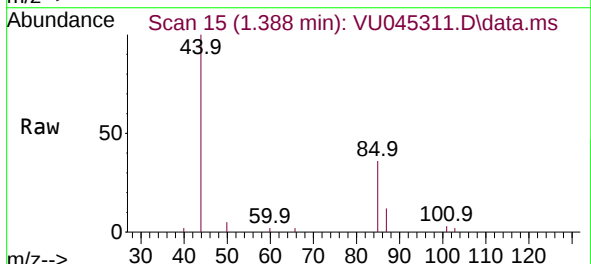
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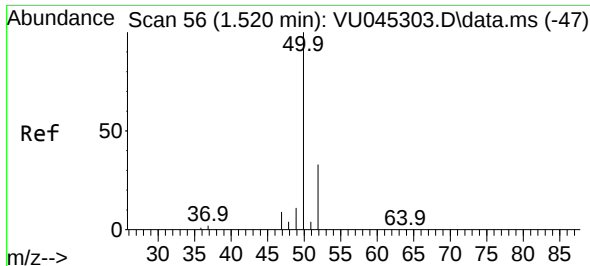
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#2
Dichlorodifluoromethane
Concen: 0.193 ug/l
RT: 1.388 min Scan# 15
Delta R.T. 0.000 min
Lab File: VU045311.D
Acq: 13 Oct 2021 16:41

Tgt Ion:	85	Resp:	3022
Ion	Ratio	Lower	Upper
85	100		
87	34.2	16.2	48.6





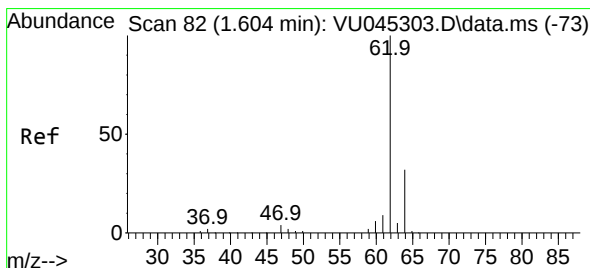
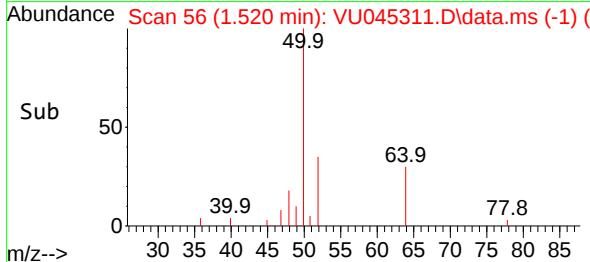
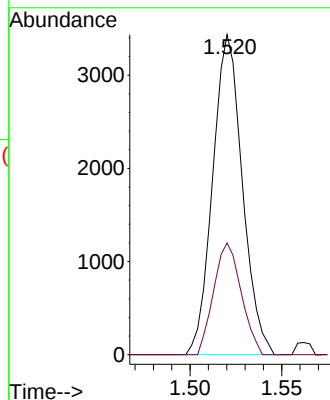
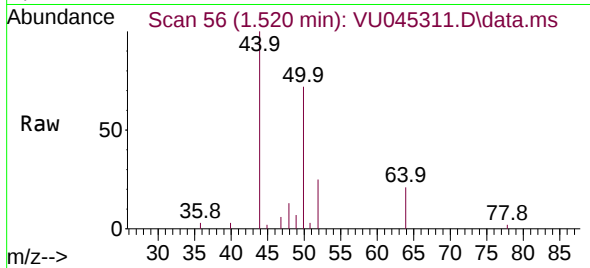
#3
Chloromethane
Concen: 0.237 ug/l
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU045311.D
Acq: 13 Oct 2021 16:41

Tgt Ion: 50 Resp: 3855
Ion Ratio Lower Upper
50 100
52 34.9 26.2 39.4

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LOD-MDL-WATER-01-QT4-2021

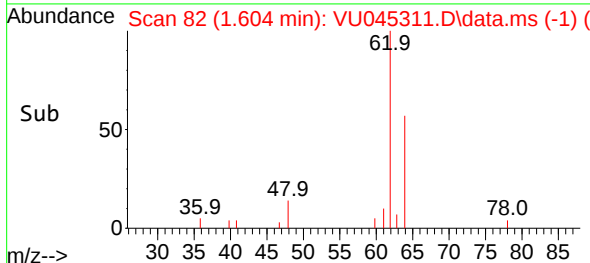
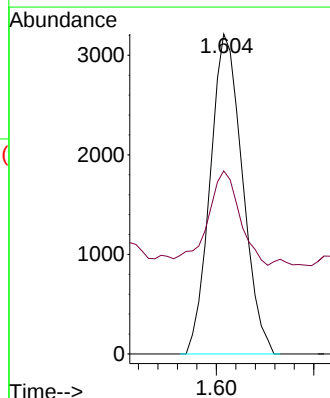
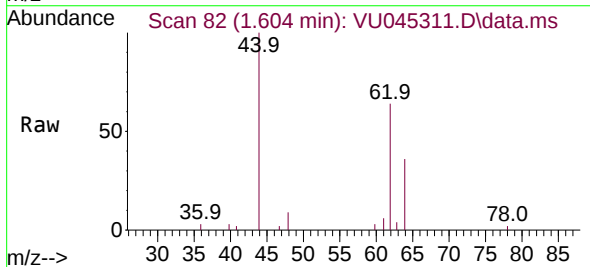
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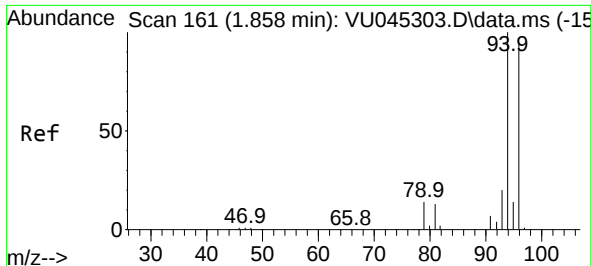
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#4
Vinyl Chloride
Concen: 0.218 ug/l
RT: 1.604 min Scan# 82
Delta R.T. 0.000 min
Lab File: VU045311.D
Acq: 13 Oct 2021 16:41

Tgt Ion: 62 Resp: 3687
Ion Ratio Lower Upper
62 100
64 27.6 26.0 39.0





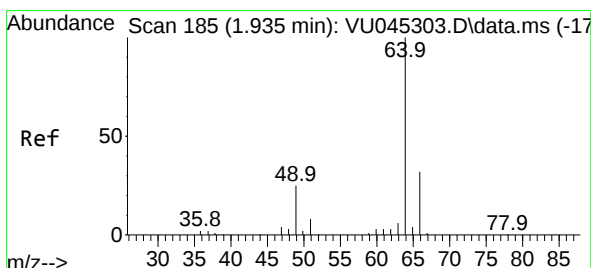
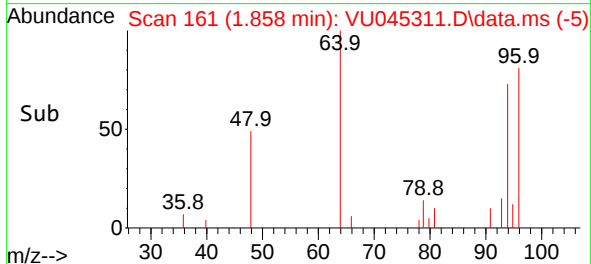
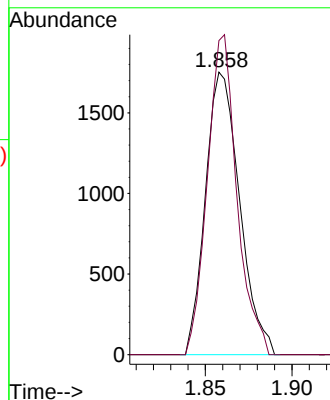
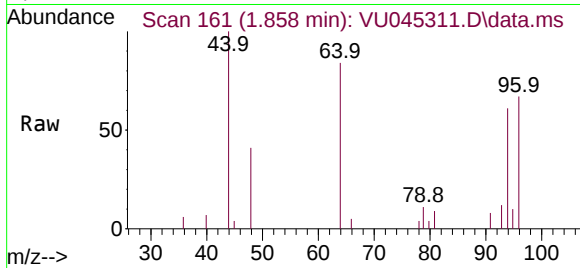
#5
Bromomethane
Concen: 0.260 ug/l
RT: 1.858 min Scan# 161
Delta R.T. 0.000 min
Lab File: VU045311.D
Acq: 13 Oct 2021 16:41

Tgt Ion: 94 Resp: 2407
Ion Ratio Lower Upper
94 100
96 111.1 75.0 112.4

Instrument :
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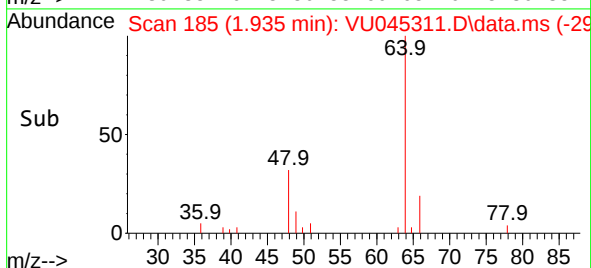
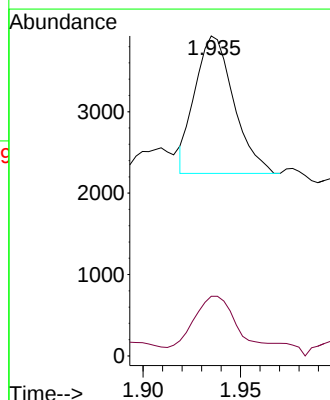
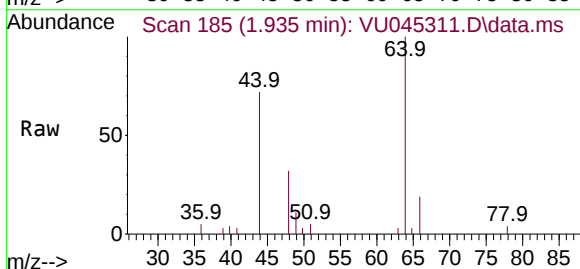
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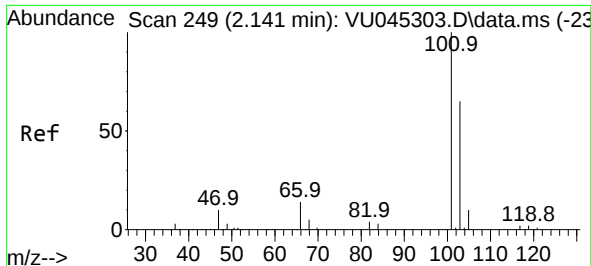
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#6
Chloroethane
Concen: 0.213 ug/l
RT: 1.935 min Scan# 185
Delta R.T. 0.000 min
Lab File: VU045311.D
Acq: 13 Oct 2021 16:41

Tgt Ion: 64 Resp: 2333
Ion Ratio Lower Upper
64 100
66 34.2 25.8 38.8





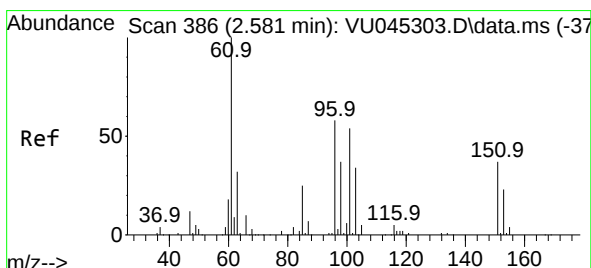
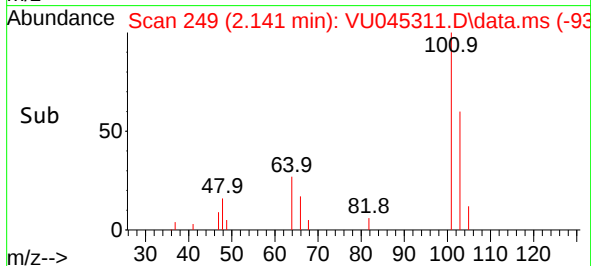
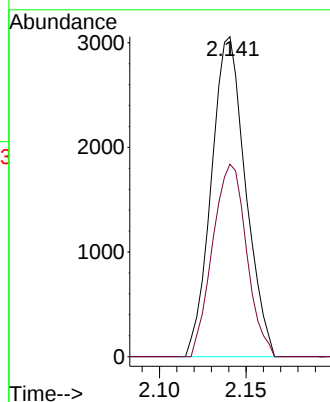
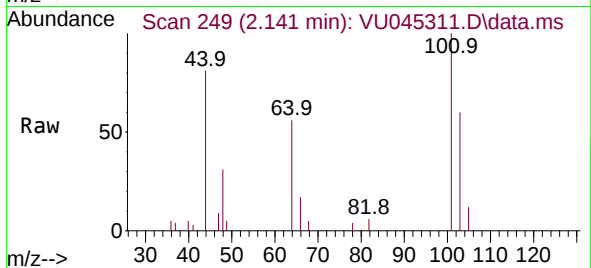
#7
 Trichlorofluoromethane
 Concen: 0.213 ug/l
 RT: 2.141 min Scan# 249
 Delta R.T. 0.000 min
 Lab File: VU045311.D
 Acq: 13 Oct 2021 16:41

Instrument :
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 LOD-MDL-WATER-01-QT4-2021

Tgt Ion:101 Resp: 4198
 Ion Ratio Lower Upper
 101 100
 103 60.2 52.2 78.2

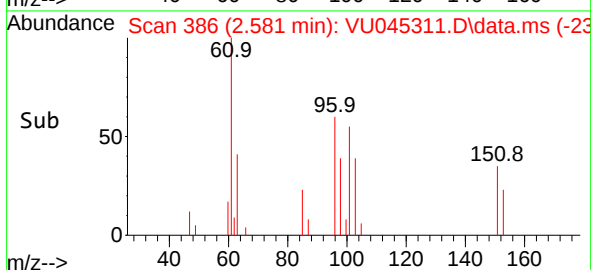
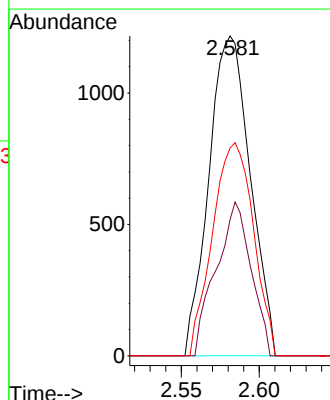
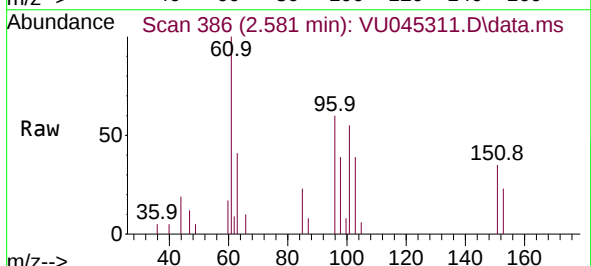
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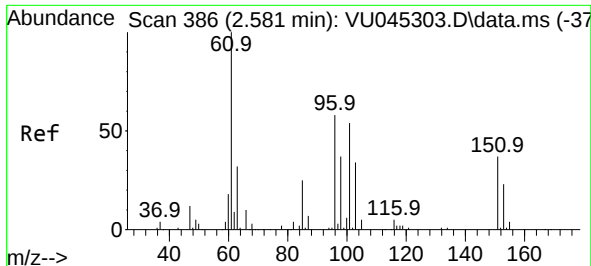
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#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.198 ug/l
 RT: 2.581 min Scan# 386
 Delta R.T. 0.000 min
 Lab File: VU045311.D
 Acq: 13 Oct 2021 16:41

Tgt Ion:101 Resp: 2246
 Ion Ratio Lower Upper
 101 100
 85 40.8 35.8 53.6
 151 65.9 54.6 81.8





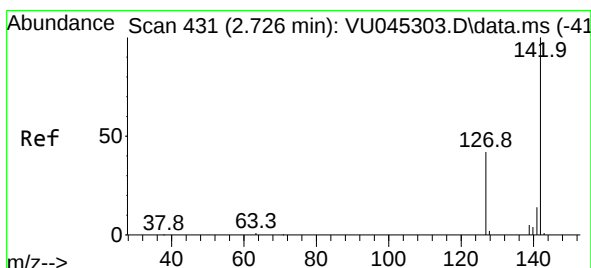
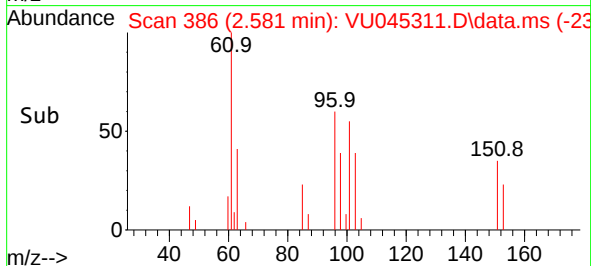
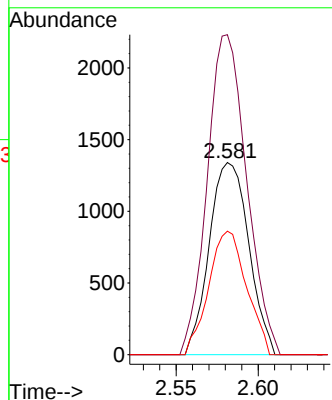
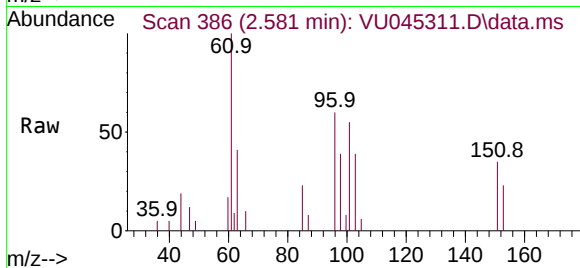
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1,1-Dichloroethene
Concen: 0.211 ug/l
RT: 2.581 min Scan# 386
Delta R.T. 0.000 min
Lab File: VU045311.D
Acq: 13 Oct 2021 16:41

Tgt Ion:	96	Resp:	2241
Ion	Ratio	Lower	Upper
96	100		
61	166.6	0.0	514.2
98	64.3	0.0	126.4

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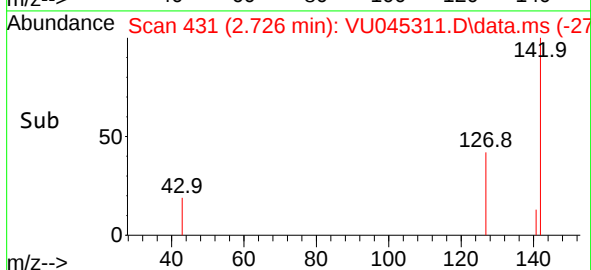
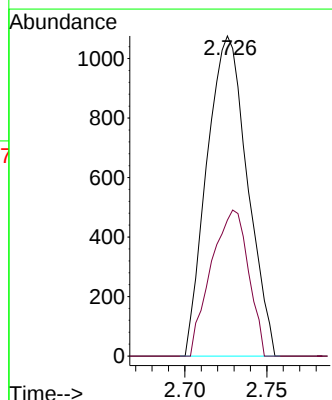
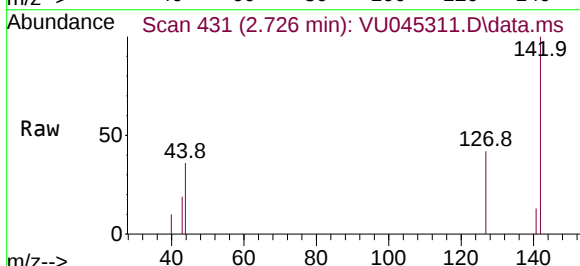
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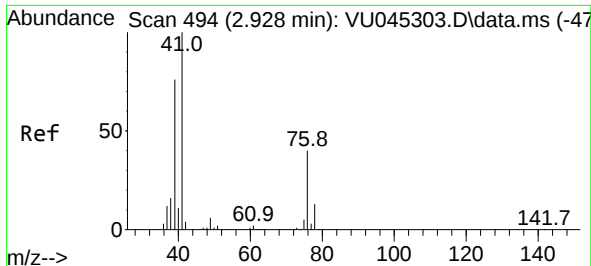
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#10
Iodomethane
Concen: 0.166 ug/l
RT: 2.726 min Scan# 431
Delta R.T. -0.000 min
Lab File: VU045311.D
Acq: 13 Oct 2021 16:41

Tgt Ion:	142	Resp:	1842
Ion	Ratio	Lower	Upper
142	100		
127	42.1	33.2	49.8





#11

Allyl Chloride

Concen: 0.192 ug/l

RT: 2.925 min Scan# 493

Delta R.T. -0.003 min

Lab File: VU045311.D

Acq: 13 Oct 2021 16:41

Tgt Ion: 41 Resp: 3002

Ion Ratio Lower Upper

41 100

39 82.9 62.4 93.6

Instrument :

MSVOA_U

ClientSampleId :

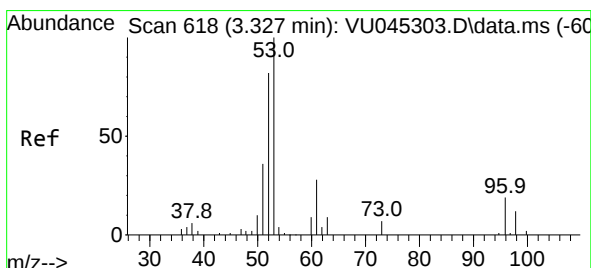
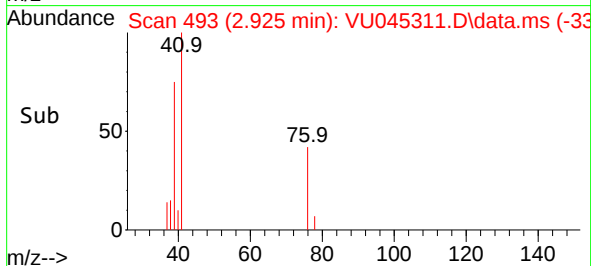
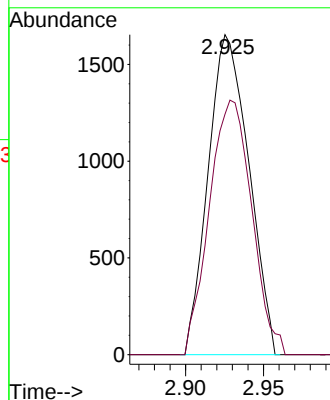
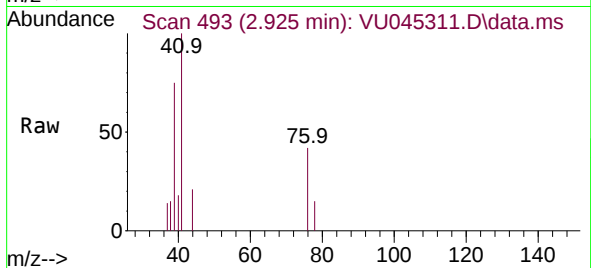
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Manual Integrations

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#12

Acrylonitrile

Concen: 0.309 ug/l m

RT: 3.334 min Scan# 620

Delta R.T. 0.007 min

Lab File: VU045311.D

Acq: 13 Oct 2021 16:41

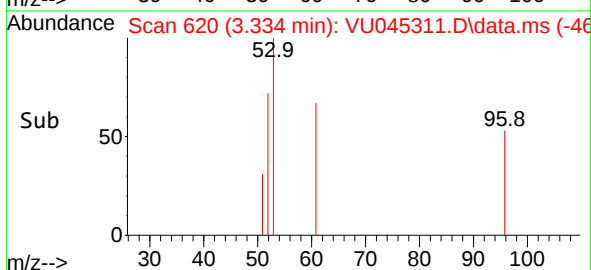
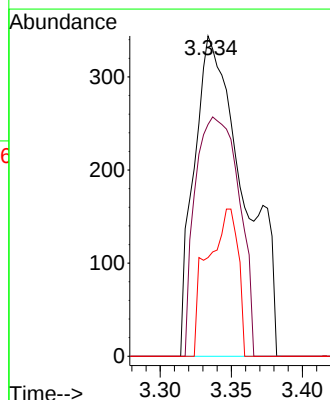
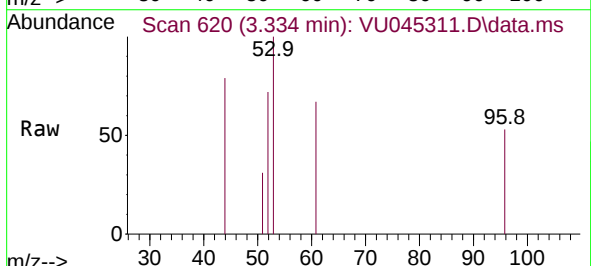
Tgt Ion: 53 Resp: 838

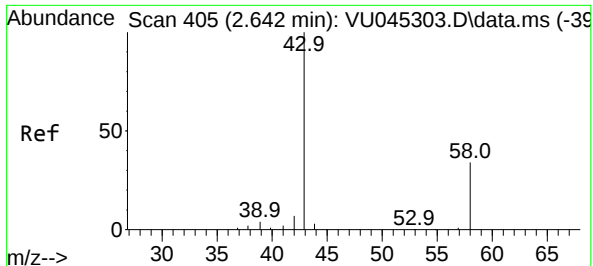
Ion Ratio Lower Upper

53 100

52 65.5 56.7 85.1

51 28.0 30.3 45.5#





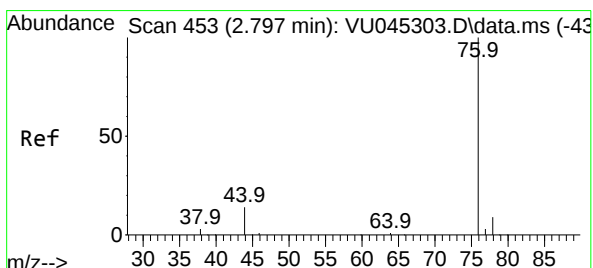
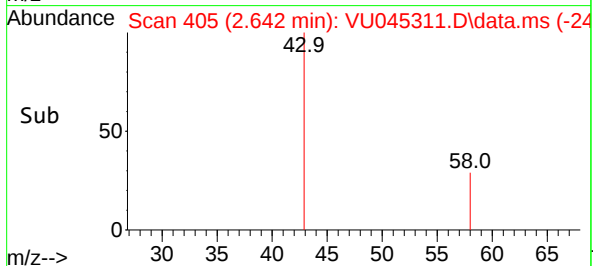
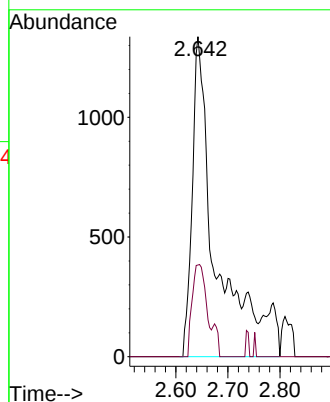
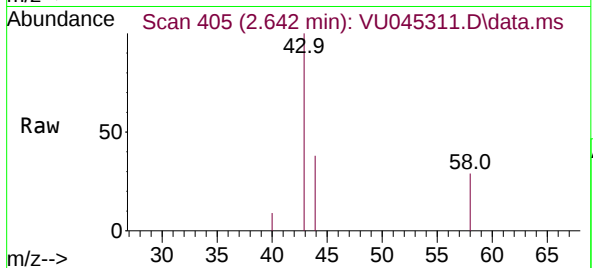
#13
Acetone
Concen: 1.325 ug/l m
RT: 2.642 min Scan# 405
Delta R.T. 0.000 min
Lab File: VU045311.D
Acq: 13 Oct 2021 16:41

Tgt Ion: 43 Resp: 4285
Ion Ratio Lower Upper
43 100
58 28.6 27.1 40.7

Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021

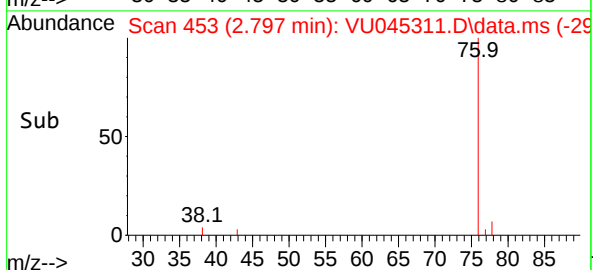
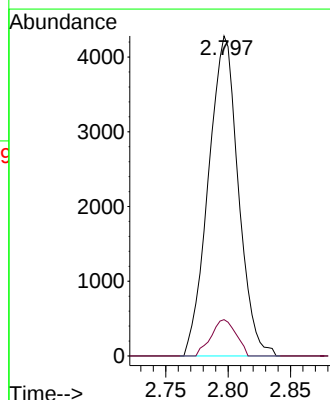
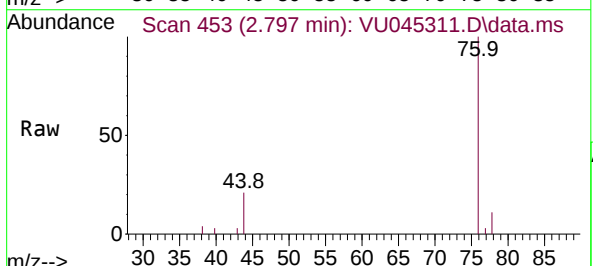
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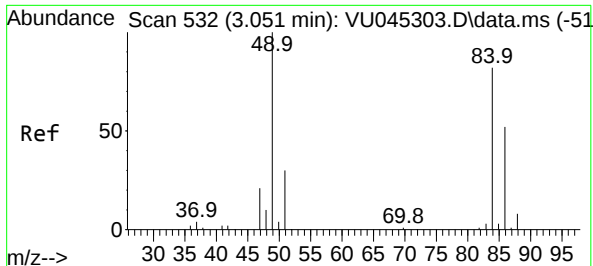
apatel
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#14
Carbon Disulfide
Concen: 0.221 ug/l
RT: 2.797 min Scan# 453
Delta R.T. 0.000 min
Lab File: VU045311.D
Acq: 13 Oct 2021 16:41

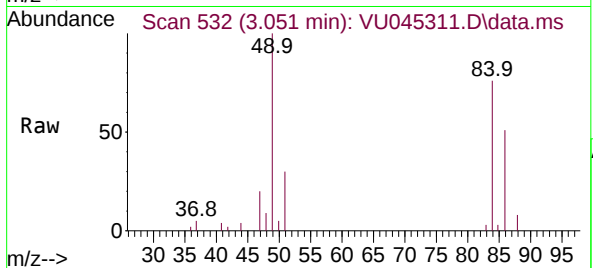
Tgt Ion: 76 Resp: 7166
Ion Ratio Lower Upper
76 100
78 11.4 7.1 10.7#





#15
Methylene Chloride
Concen: 0.666 ug/l
RT: 3.051 min Scan# 532
Delta R.T. 0.000 min
Lab File: VU045311.D
Acq: 13 Oct 2021 16:41

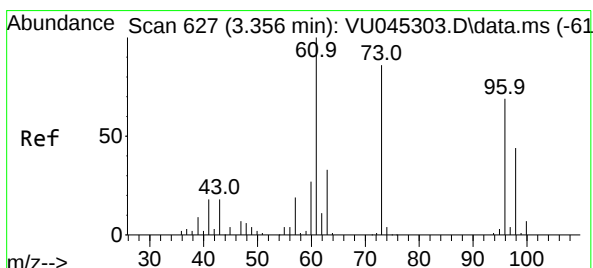
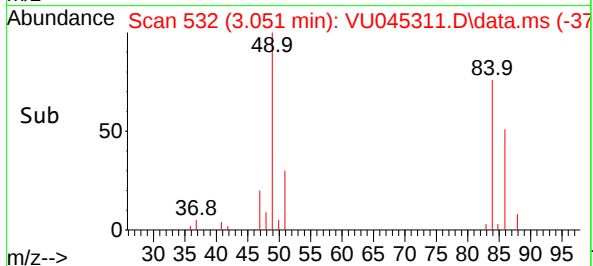
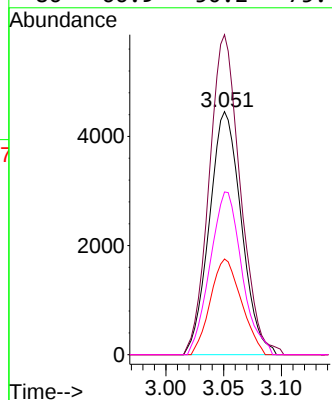
Instrument :
MSVOA_U
ClientSampleId :
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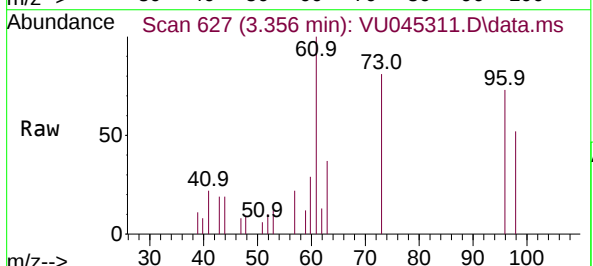
Tgt Ion:	84	Resp:	8575
Ion	Ratio	Lower	Upper
84	100		
49	131.6	97.2	145.8
51	39.4	0.0	73.4
86	66.9	50.2	75.4

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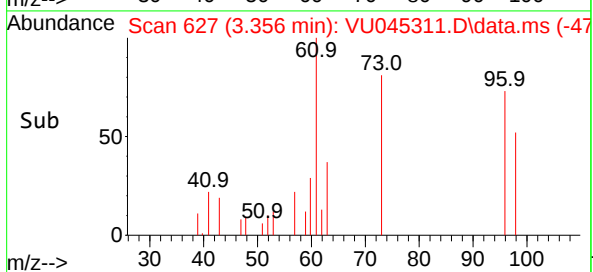
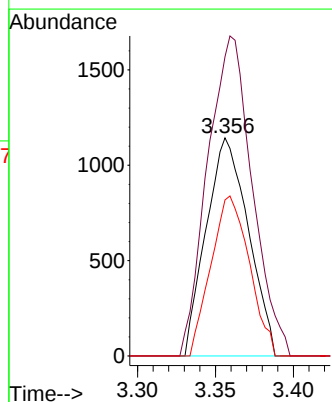
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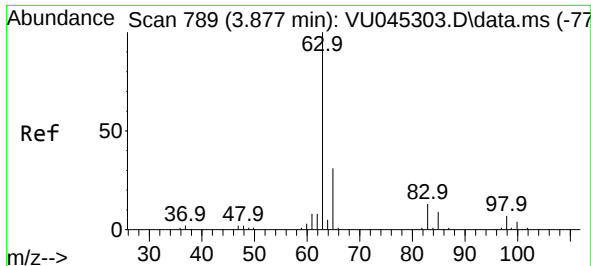


#16
trans-1,2-Dichloroethene
Concen: 0.188 ug/l
RT: 3.356 min Scan# 627
Delta R.T. 0.000 min
Lab File: VU045311.D
Acq: 13 Oct 2021 16:41



Tgt Ion:	96	Resp:	2152
Ion	Ratio	Lower	Upper
96	100		
61	137.2	115.8	173.6
98	71.5	51.1	76.7





#17

1,1-Dichloroethane

Concen: 0.226 ug/l

RT: 3.874 min Scan# 788

Delta R.T. -0.003 min

Lab File: VU045311.D

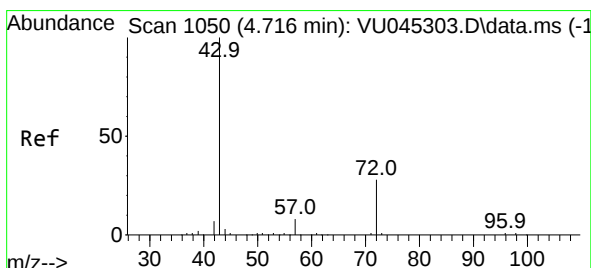
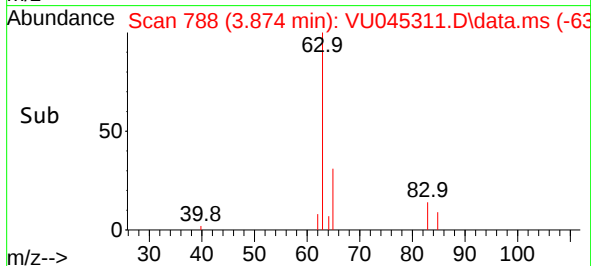
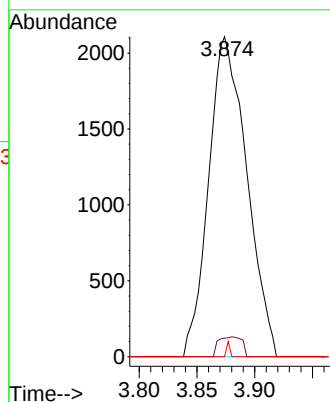
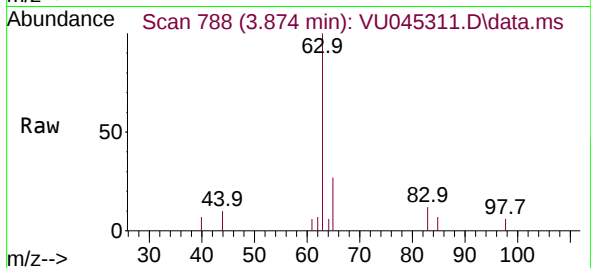
Acq: 13 Oct 2021 16:41

Tgt Ion:	63	Resp:	4835
Ion Ratio	Lower	Upper	
63	100		
98	5.8	3.6	10.8
100	0.0	2.1	6.5#

Instrument :
MSVOA_U
ClientSampleId :
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#18

2-Butanone

Concen: 1.137 ug/l m

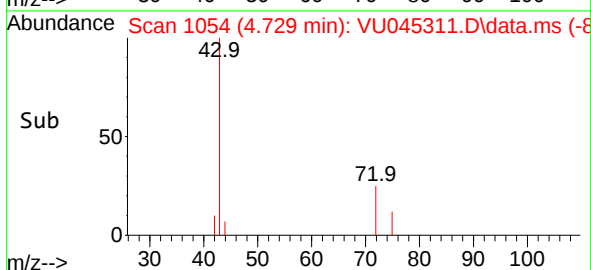
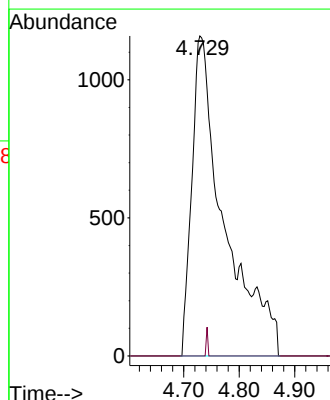
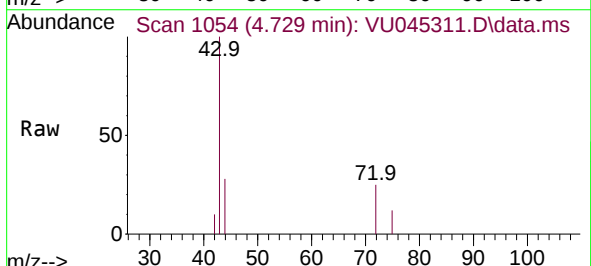
RT: 4.729 min Scan# 1054

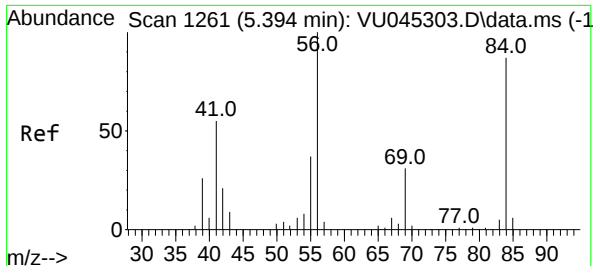
Delta R.T. 0.013 min

Lab File: VU045311.D

Acq: 13 Oct 2021 16:41

Tgt Ion:	43	Resp:	4674
Ion Ratio	Lower	Upper	
43	100		
57	0.0	0.0	16.6





#19

Cyclohexane

Concen: 0.195 ug/l m

RT: 5.391 min Scan# 1260

Delta R.T. -0.003 min

Lab File: VU045311.D

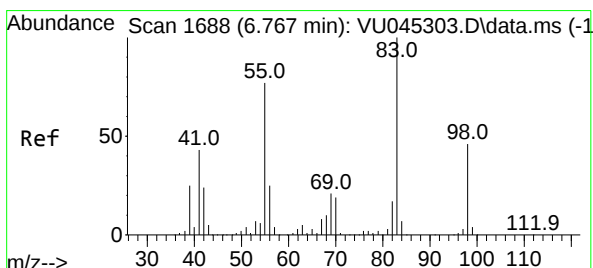
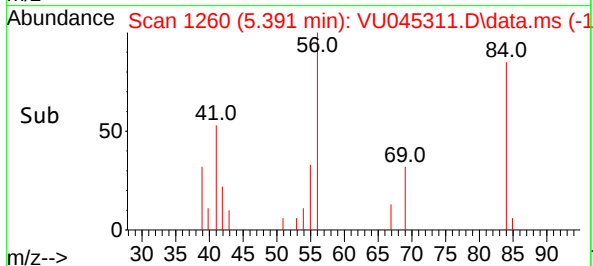
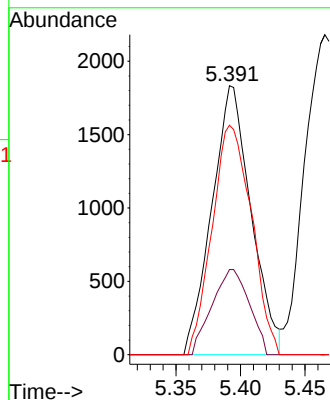
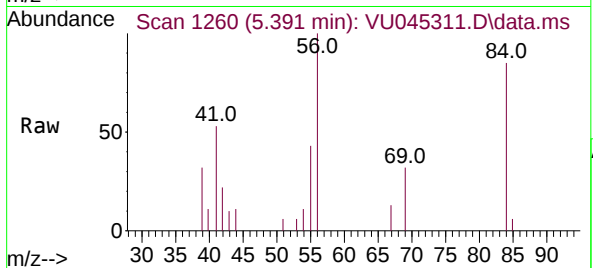
Acq: 13 Oct 2021 16:41

Tgt Ion:	56	Resp:	3872
Ion Ratio	Lower	Upper	
56	100		
69	30.1	24.7	37.1
84	85.5	68.8	103.2

Instrument :
MSVOA_U
ClientSampleId :
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#20

Methylcyclohexane

Concen: 0.180 ug/l

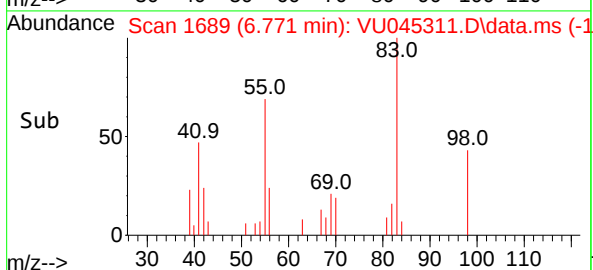
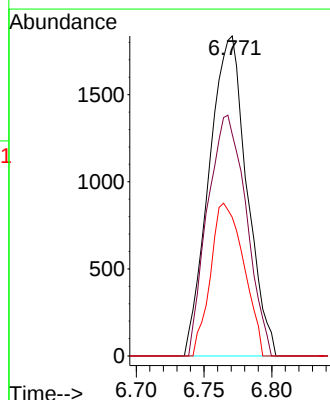
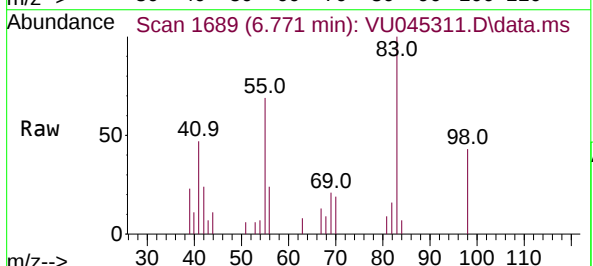
RT: 6.771 min Scan# 1689

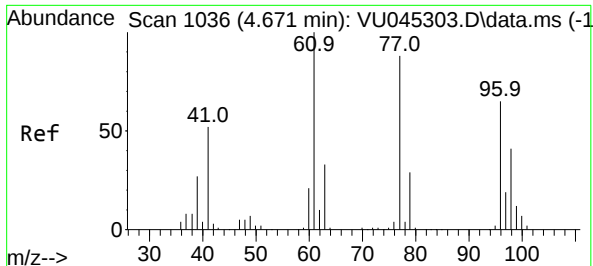
Delta R.T. 0.003 min

Lab File: VU045311.D

Acq: 13 Oct 2021 16:41

Tgt Ion:	83	Resp:	3553
Ion Ratio	Lower	Upper	
83	100		
55	77.1	61.9	92.9
98	42.0	37.4	56.2





#21

2,2-Dichloropropane

Concen: 0.204 ug/l

RT: 4.671 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VU045311.D

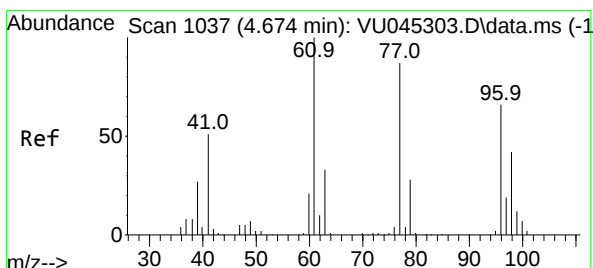
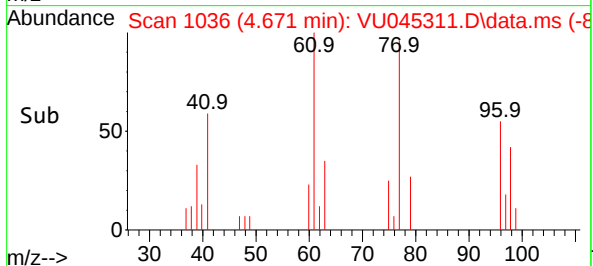
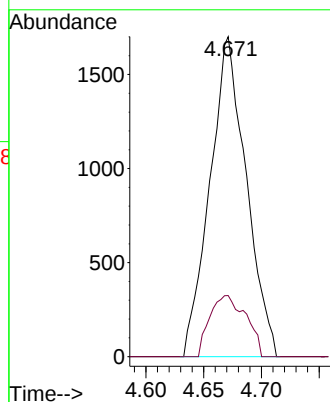
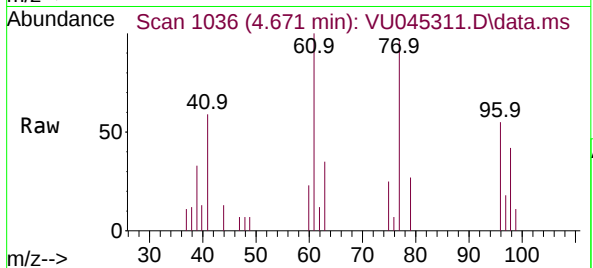
Acq: 13 Oct 2021 16:41

Tgt Ion: 77 Resp: 3722

Ion Ratio Lower Upper

77 100

97 19.0 17.2 25.8



#22

cis-1,2-Dichloroethene

Concen: 0.194 ug/l

RT: 4.678 min Scan# 1038

Delta R.T. 0.003 min

Lab File: VU045311.D

Acq: 13 Oct 2021 16:41

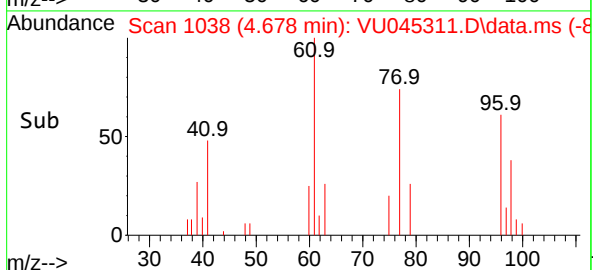
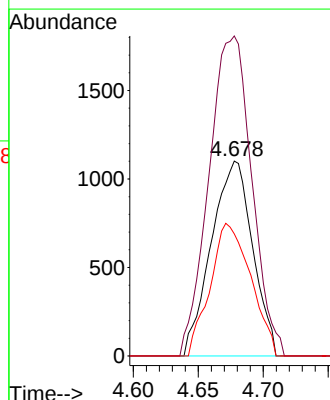
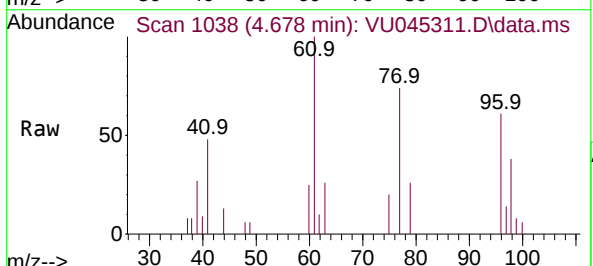
Tgt Ion: 96 Resp: 2436

Ion Ratio Lower Upper

96 100

61 170.3 0.0 385.3

98 66.8 32.1 96.3



Instrument :

MSVOA_U

ClientSampleId :

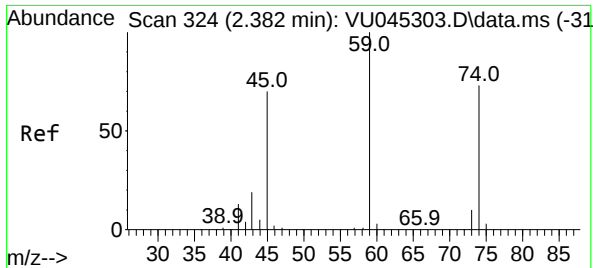
LOD-MDL-WATER-01-QT4-2021

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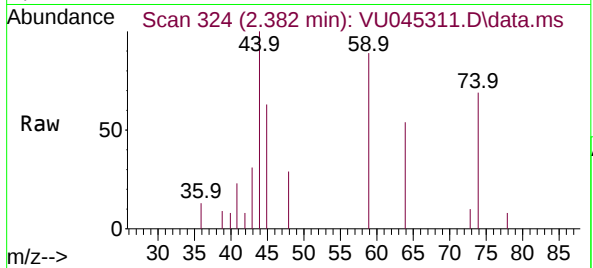
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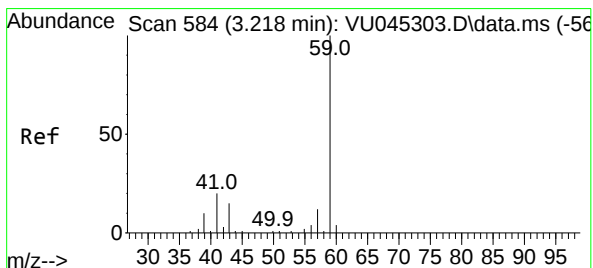
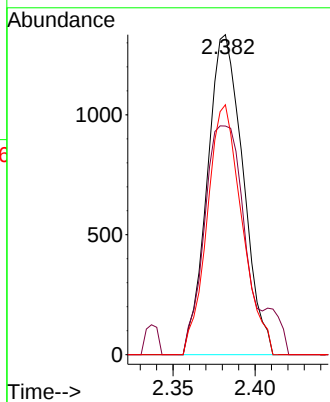
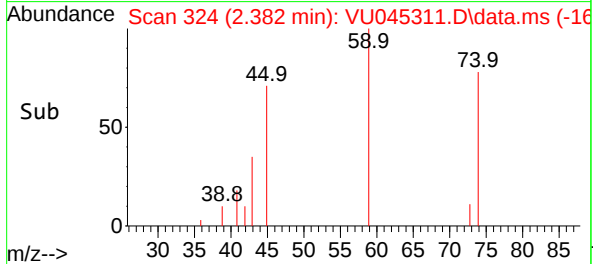
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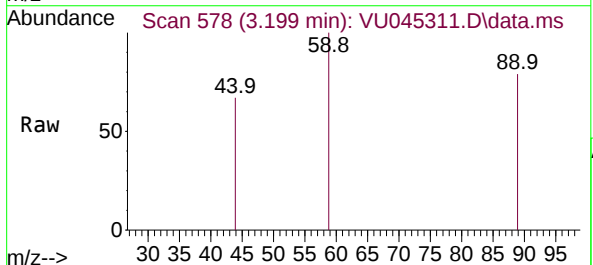
#23
Diethyl Ether
Concen: 0.200 ug/l
RT: 2.382 min Scan# 324
Delta R.T. -0.000 min
Lab File: VU045311.D
Acq: 13 Oct 2021 16:41



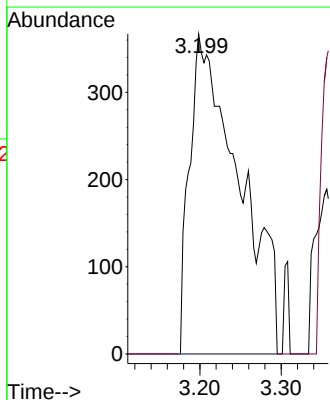
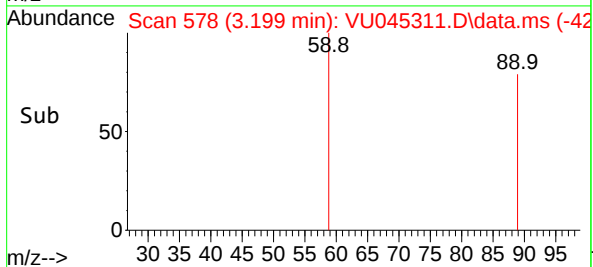
Tgt Ion: 59 Resp: 2014
Ion Ratio Lower Upper
59 100
45 85.8 55.6 83.4#
74 76.4 58.1 87.1



#24
tert-Butyl Alcohol
Concen: 1.949 ug/l m
RT: 3.199 min Scan# 578
Delta R.T. -0.019 min
Lab File: VU045311.D
Acq: 13 Oct 2021 16:41



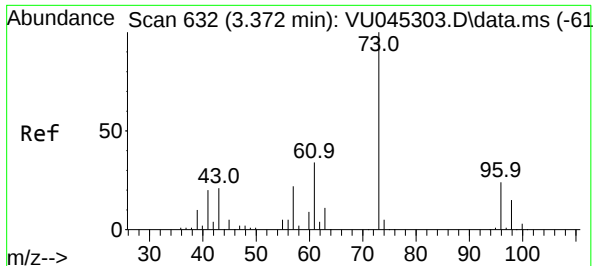
Tgt Ion: 59 Resp: 1537
Ion Ratio Lower Upper
59 100
57 0.0 6.5 9.7#



Instrument :
MSVOA_U
ClientSampleId :
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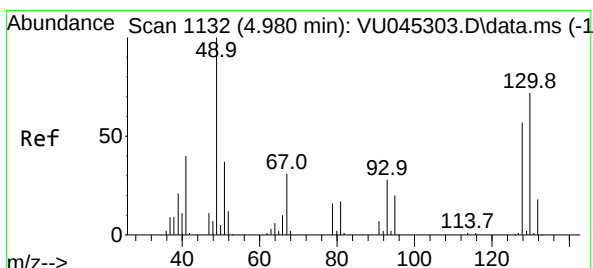
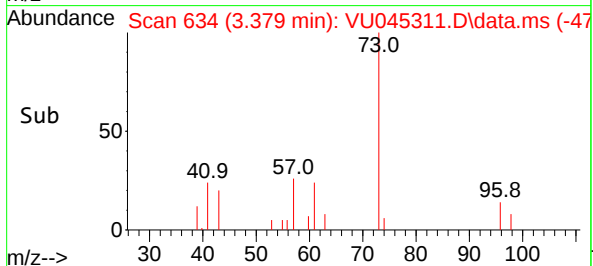
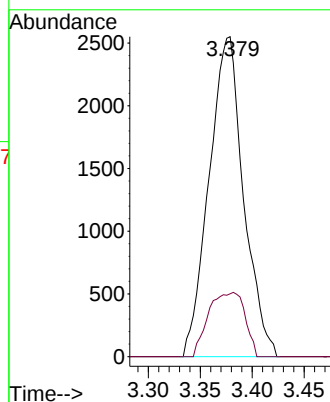
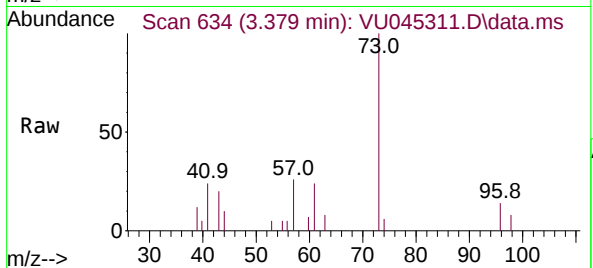
#25
Methyl tert-Butyl Ether
Concen: 0.199 ug/l
RT: 3.379 min Scan# 634
Delta R.T. 0.007 min
Lab File: VU045311.D
Acq: 13 Oct 2021 16:41

Tgt Ion: 73 Resp: 5898
Ion Ratio Lower Upper
73 100
43 21.1 16.3 24.5

Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021

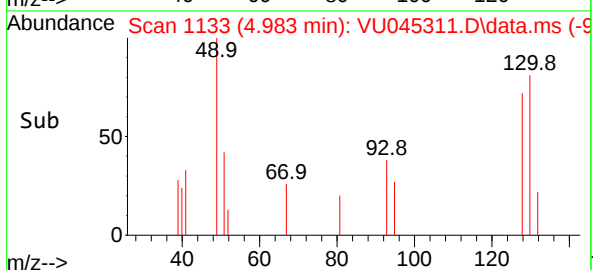
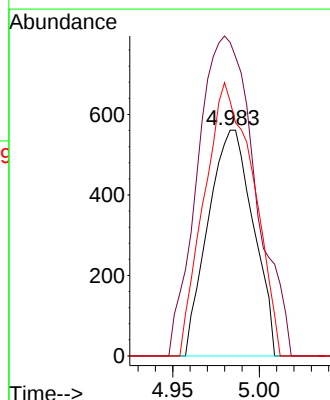
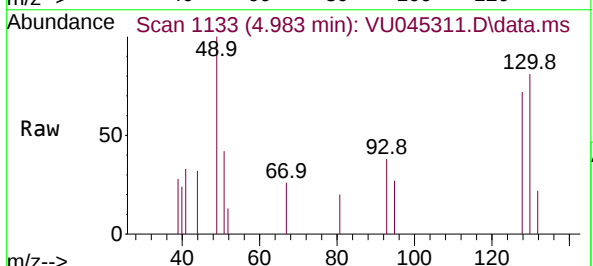
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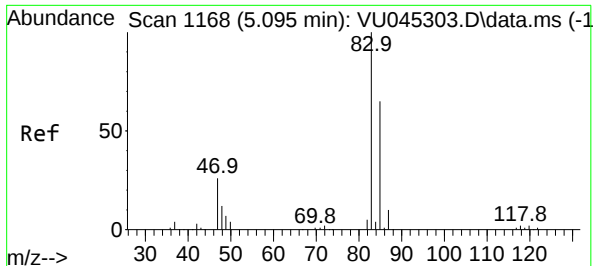
apatel
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#26
Bromochloromethane
Concen: 0.189 ug/l
RT: 4.983 min Scan# 1133
Delta R.T. 0.003 min
Lab File: VU045311.D
Acq: 13 Oct 2021 16:41

Tgt Ion: 128 Resp: 1015
Ion Ratio Lower Upper
128 100
49 181.0 0.0 347.4
130 131.9 101.5 152.3





#27

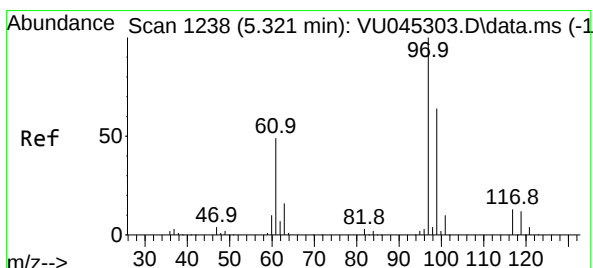
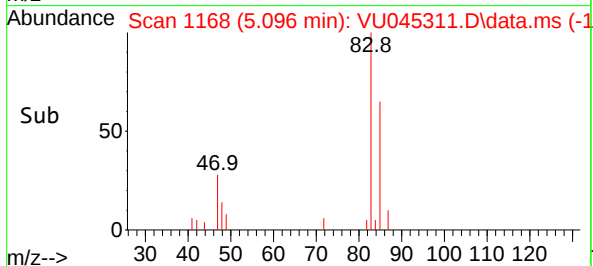
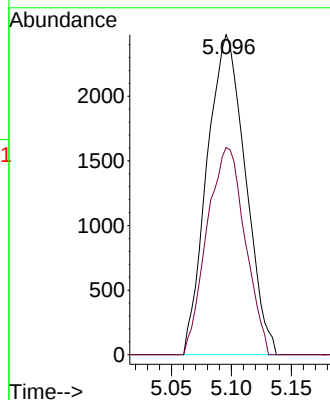
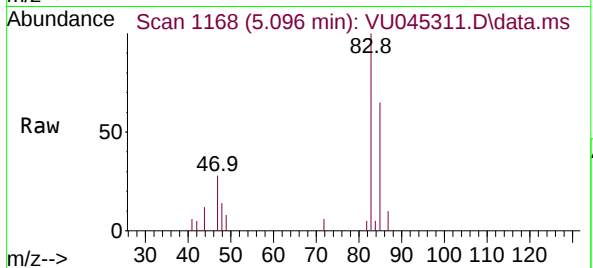
Chloroform
Concen: 0.251 ug/l
RT: 5.096 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VU045311.D
Acq: 13 Oct 2021 16:41

Tgt Ion: 83 Resp: 5504
Ion Ratio Lower Upper
83 100
85 64.8 0.0 129.2

Instrument :
MSVOA_U
ClientSampleId :
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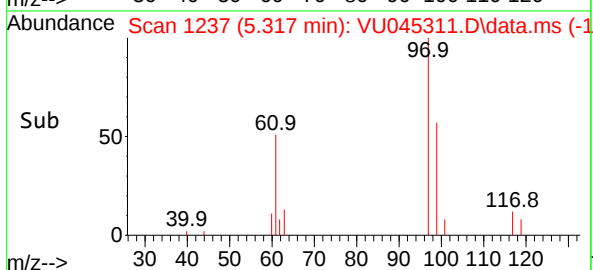
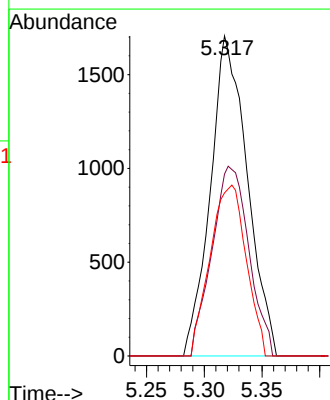
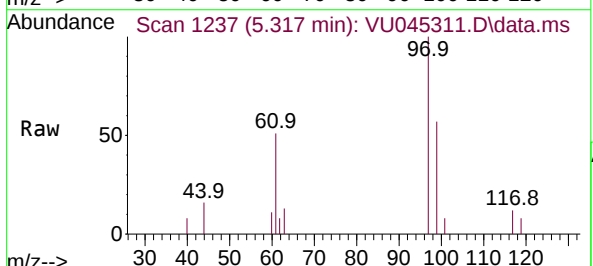
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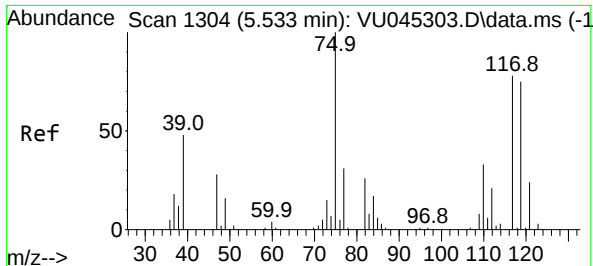


#28

1,1,1-Trichloroethane
Concen: 0.210 ug/l
RT: 5.317 min Scan# 1237
Delta R.T. -0.003 min
Lab File: VU045311.D
Acq: 13 Oct 2021 16:41

Tgt Ion: 97 Resp: 3781
Ion Ratio Lower Upper
97 100
99 59.6 32.2 96.6
61 52.3 24.5 73.5





#29

1,1-Dichloropropene

Concen: 0.183 ug/l

RT: 5.533 min Scan# 1304

Delta R.T. 0.000 min

Lab File: VU045311.D

Acq: 13 Oct 2021 16:41

Tgt Ion:	75	Resp:	3005
Ion	Ratio	Lower	Upper
75	100		
110	30.7	16.8	50.3
77	28.8	24.7	37.1

Instrument :

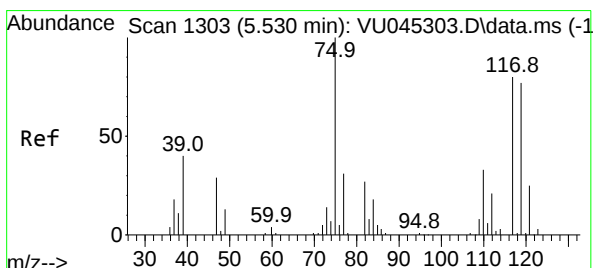
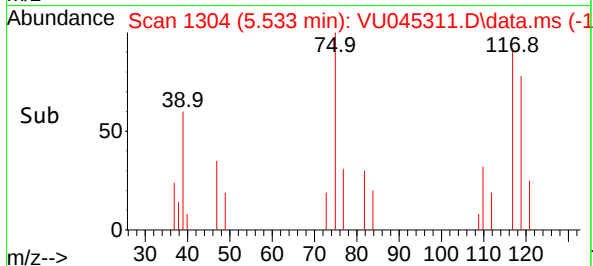
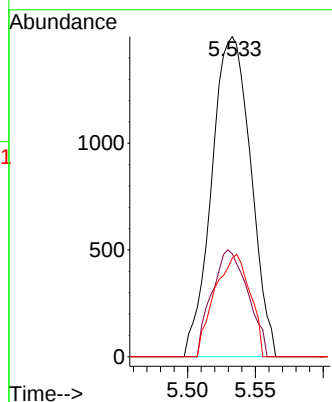
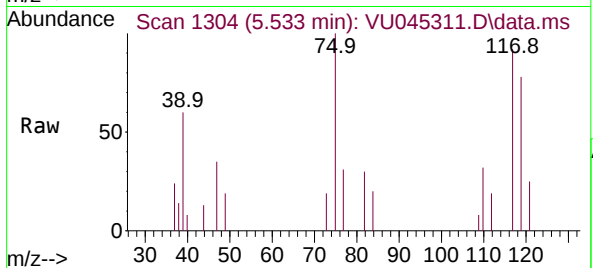
MSVOA_U

ClientSampleId :

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#30

Carbon Tetrachloride

Concen: 0.194 ug/l

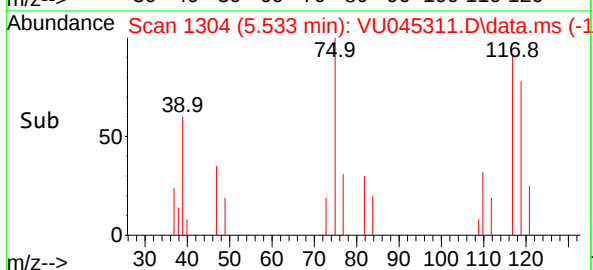
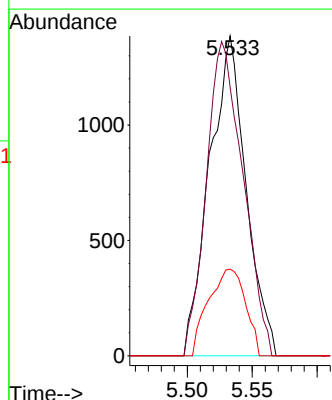
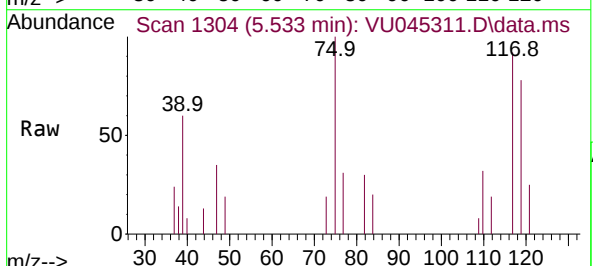
RT: 5.533 min Scan# 1304

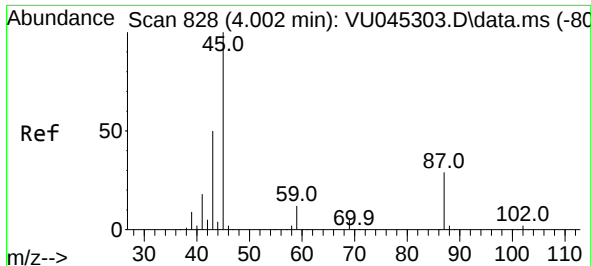
Delta R.T. 0.003 min

Lab File: VU045311.D

Acq: 13 Oct 2021 16:41

Tgt Ion:	117	Resp:	2706
Ion	Ratio	Lower	Upper
117	100		
119	84.1	76.8	115.2
121	27.1	24.6	37.0





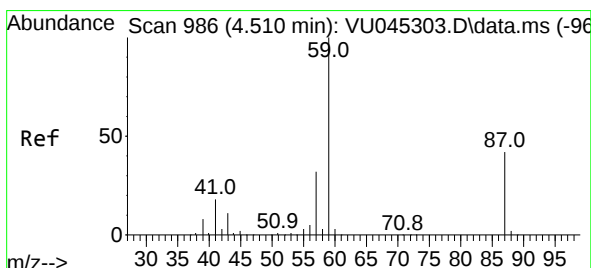
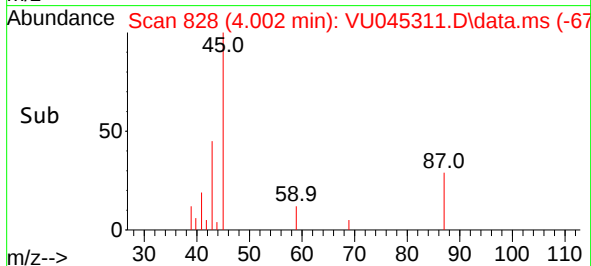
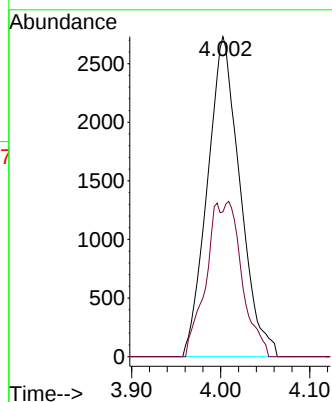
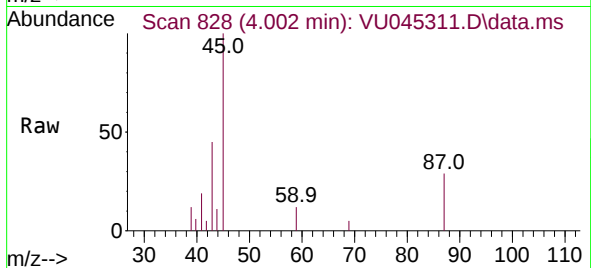
#31
Isopropyl Ether
Concen: 0.205 ug/l
RT: 4.002 min Scan# 828
Delta R.T. 0.000 min
Lab File: VU045311.D
Acq: 13 Oct 2021 16:41

Tgt Ion: 45 Resp: 6937
Ion Ratio Lower Upper
45 100
43 22.9 25.3 75.8#

Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021

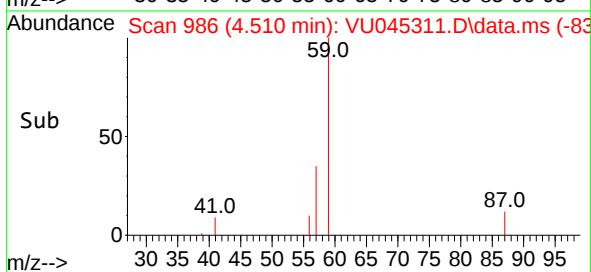
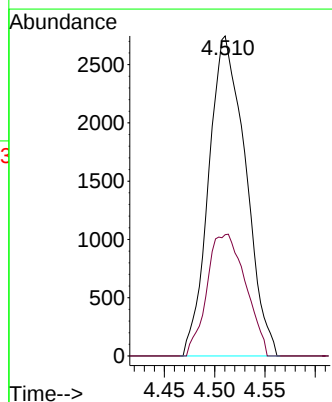
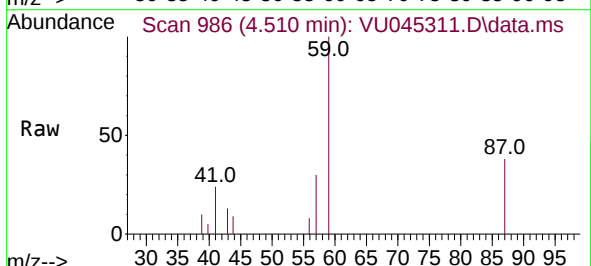
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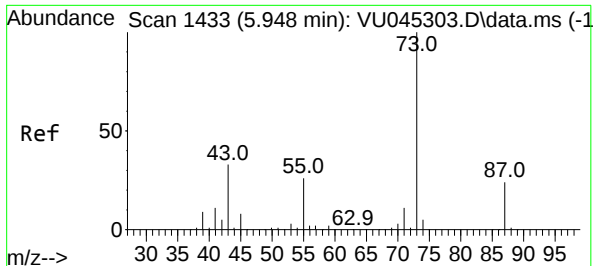
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#32
Ethyl-t-butyl ether
Concen: 0.204 ug/l
RT: 4.510 min Scan# 986
Delta R.T. 0.000 min
Lab File: VU045311.D
Acq: 13 Oct 2021 16:41

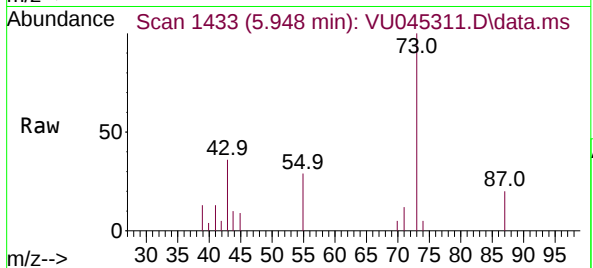
Tgt Ion: 59 Resp: 6984
Ion Ratio Lower Upper
59 100
87 39.9 32.7 49.1





#33
Tert-Amyl methyl ether
Concen: 0.189 ug/l
RT: 5.948 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VU045311.D
Acq: 13 Oct 2021 16:41

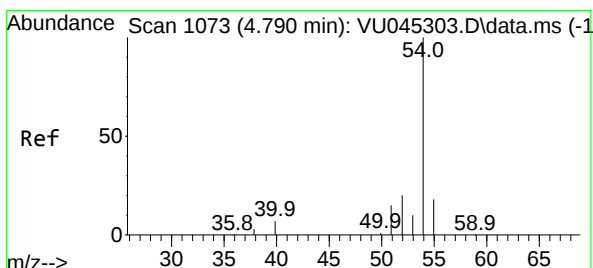
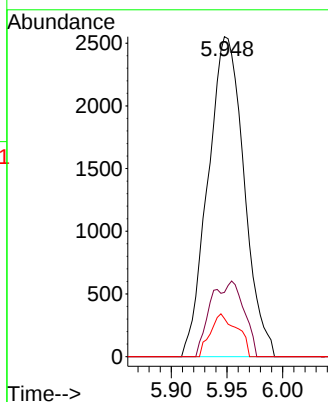
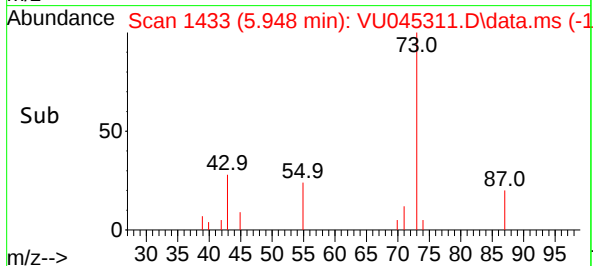
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



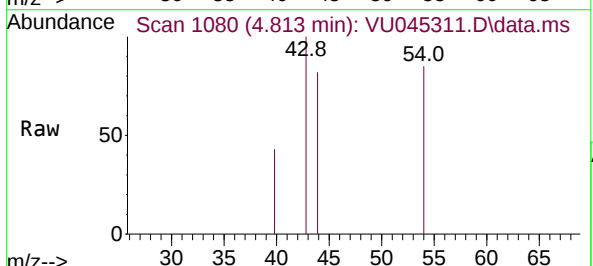
Tgt Ion	Ratio	Lower	Upper
73	100		
87	8.8	18.6	28.0#
71	9.9	9.0	13.6

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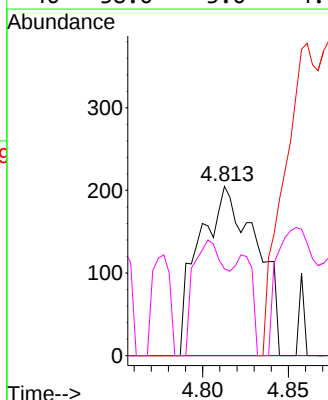
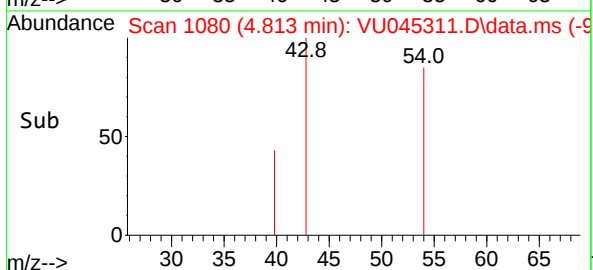
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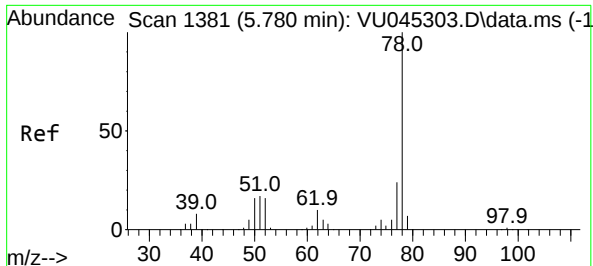


#34
Propionitrile
Concen: 0.471 ug/l m
RT: 4.813 min Scan# 1080
Delta R.T. 0.023 min
Lab File: VU045311.D
Acq: 13 Oct 2021 16:41



Tgt Ion	Ratio	Lower	Upper
54	100		
52	0.0	11.9	17.9#
55	0.0	8.0	12.0#
40	38.0	3.0	4.4#





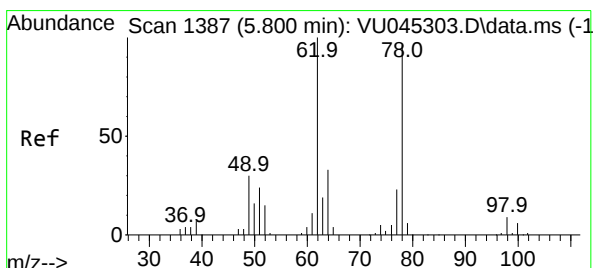
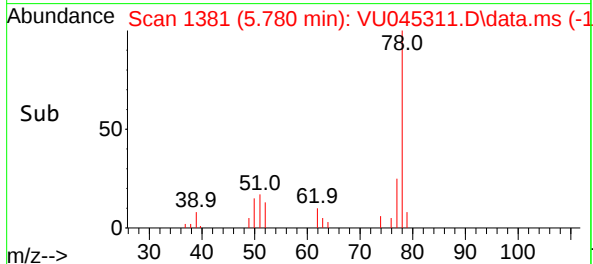
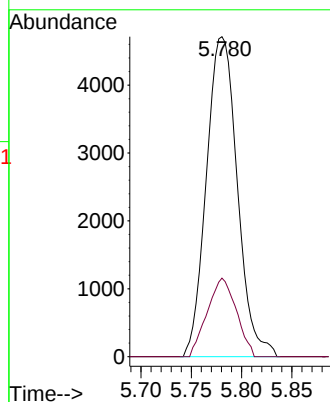
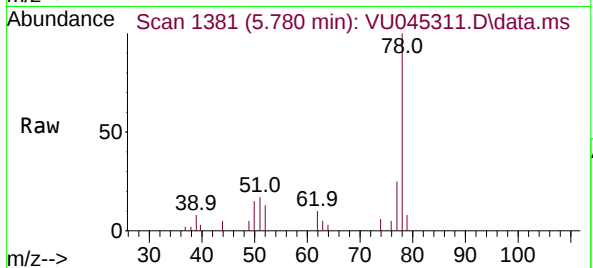
#35
Benzene
Concen: 0.213 ug/l
RT: 5.780 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VU045311.D
Acq: 13 Oct 2021 16:41

Tgt Ion: 78 Resp: 10094
Ion Ratio Lower Upper
78 100
77 24.5 19.1 28.7

Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021

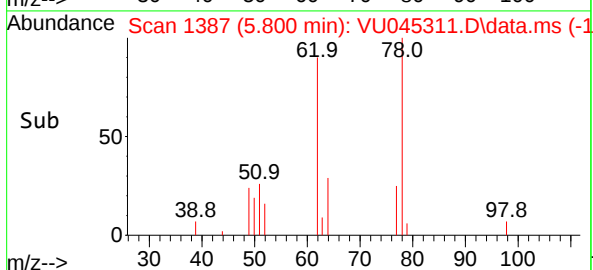
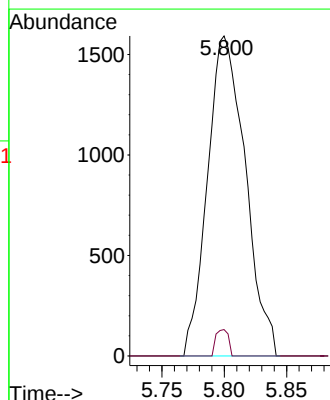
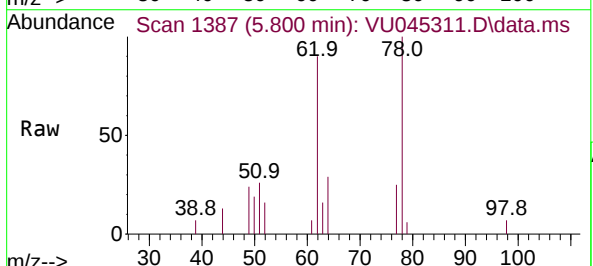
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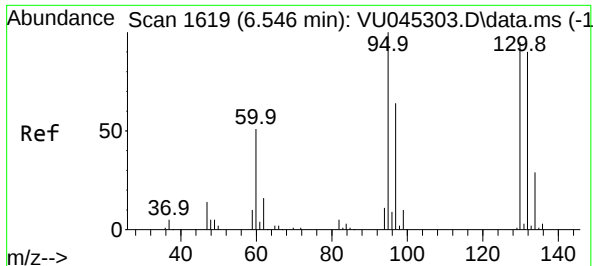
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#36
1,2-Dichloroethane
Concen: 0.222 ug/l
RT: 5.800 min Scan# 1387
Delta R.T. 0.000 min
Lab File: VU045311.D
Acq: 13 Oct 2021 16:41

Tgt Ion: 62 Resp: 3359
Ion Ratio Lower Upper
62 100
98 2.7 7.3 10.9#





#37

Trichloroethene

Concen: 0.222 ug/l

RT: 6.546 min Scan# 1619

Delta R.T. 0.000 min

Lab File: VU045311.D

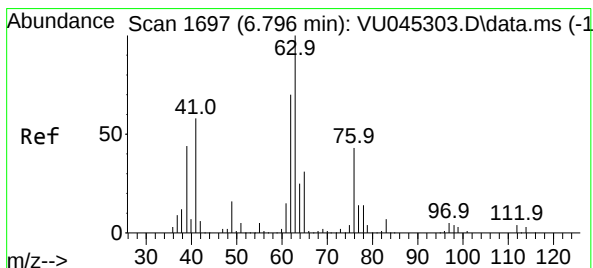
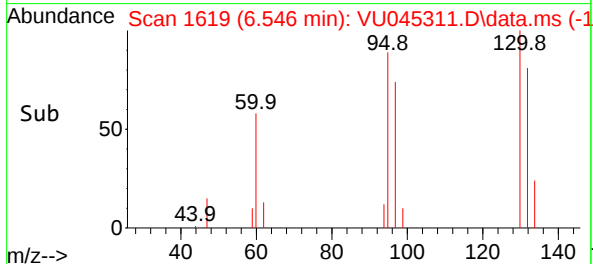
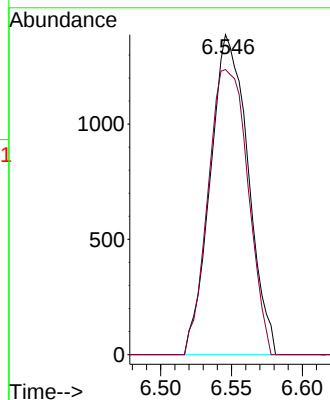
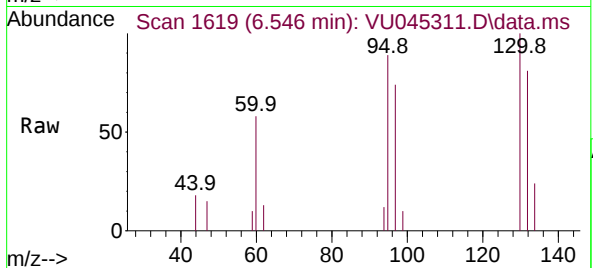
Acq: 13 Oct 2021 16:41

Tgt Ion:130 Resp: 2569

Ion Ratio Lower Upper

130 100

95 89.1 83.8 125.8



#38

1,2-Dichloropropane

Concen: 0.202 ug/l

RT: 6.797 min Scan# 1697

Delta R.T. 0.000 min

Lab File: VU045311.D

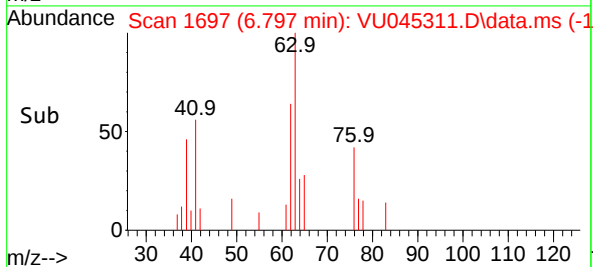
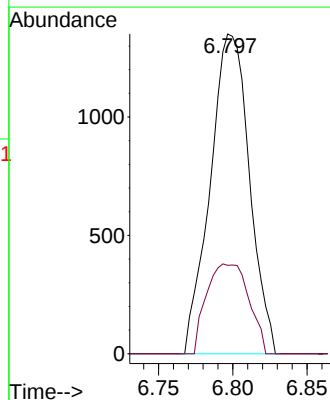
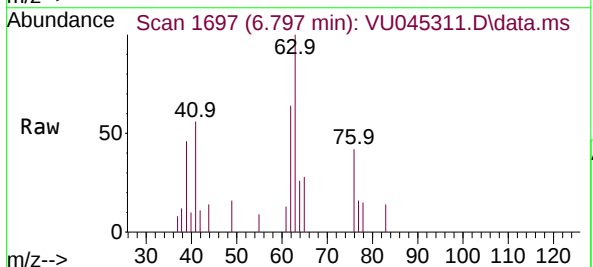
Acq: 13 Oct 2021 16:41

Tgt Ion: 63 Resp: 2485

Ion Ratio Lower Upper

63 100

65 27.7 24.7 37.1



Instrument :

MSVOA_U

ClientSampleId :

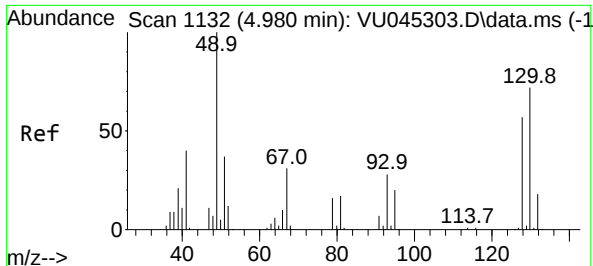
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#39

Methacrylonitrile

Concen: 0.156 ug/l m

RT: 4.980 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VU045311.D

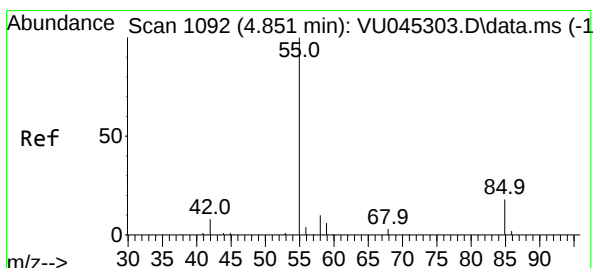
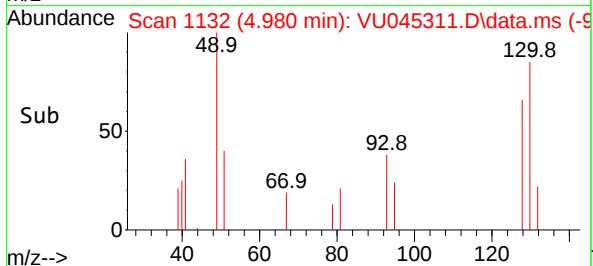
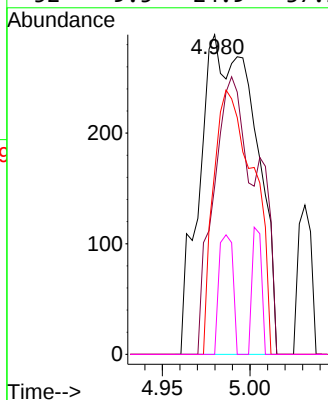
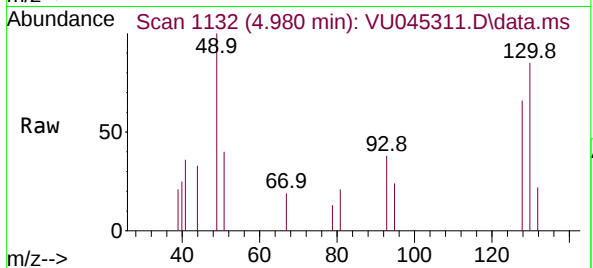
Acq: 13 Oct 2021 16:41

Tgt Ion:	41	Resp:	634
Ion	Ratio	Lower	Upper
41	100		
67	54.6	65.2	97.8#
39	60.1	43.0	64.6
52	9.5	24.9	37.3#

Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021

Manual Integrations
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#40

Methyl acrylate

Concen: 0.170 ug/l m

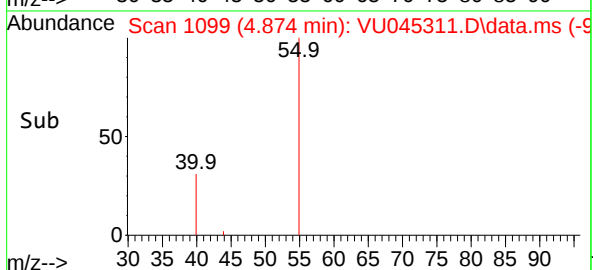
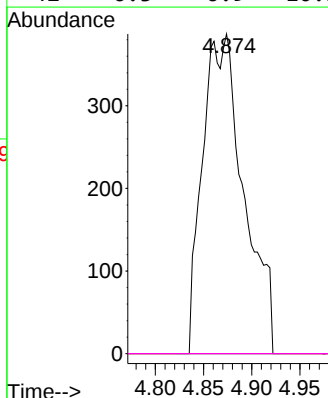
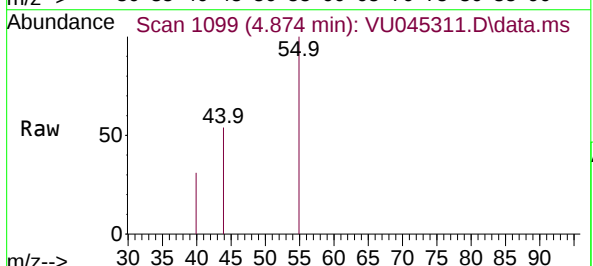
RT: 4.874 min Scan# 1099

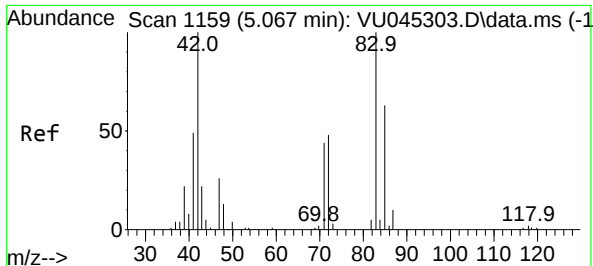
Delta R.T. 0.023 min

Lab File: VU045311.D

Acq: 13 Oct 2021 16:41

Tgt Ion:	55	Resp:	1150
Ion	Ratio	Lower	Upper
55	100		
85	0.0	12.2	18.2#
58	0.0	6.7	10.1#
42	6.3	6.9	10.3#





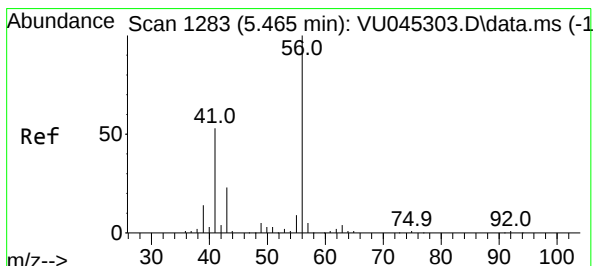
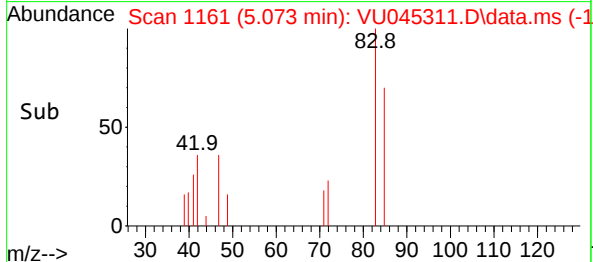
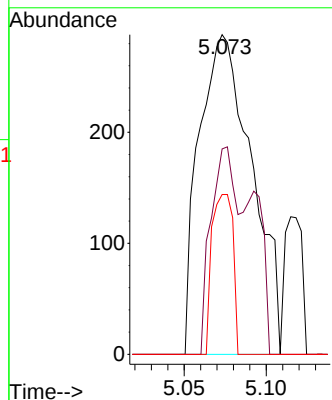
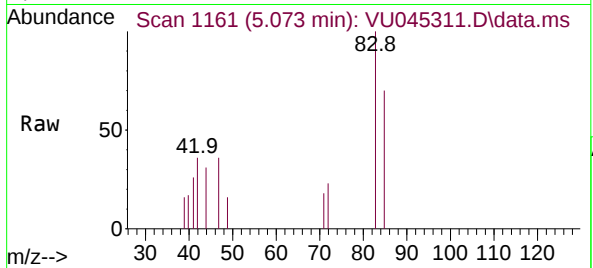
#41
Tetrahydrofuran
Concen: 0.278 ug/l
RT: 5.073 min Scan# 1161
Delta R.T. 0.007 min
Lab File: VU045311.D
Acq: 13 Oct 2021 16:41

Tgt Ion:	42	Resp:	643
Ion	Ratio	Lower	Upper
42	100		
72	34.7	42.4	63.6#
71	19.9	36.4	54.6#

Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021

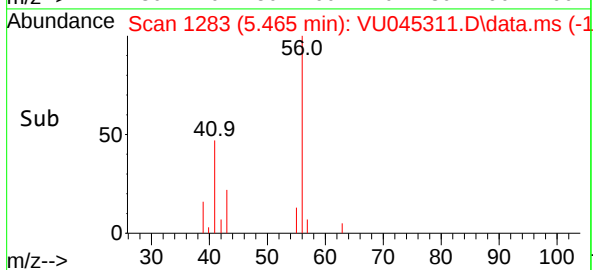
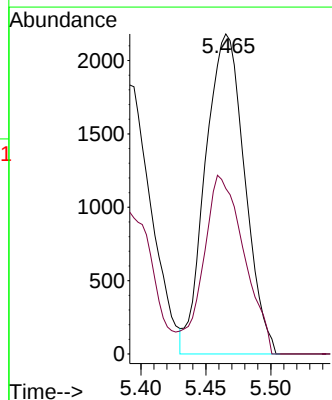
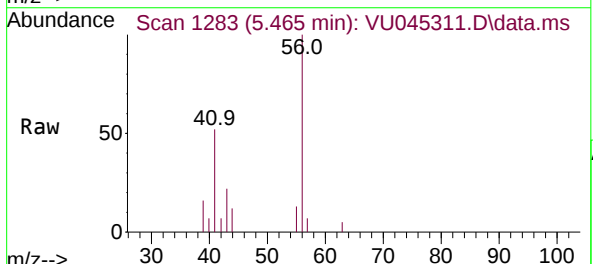
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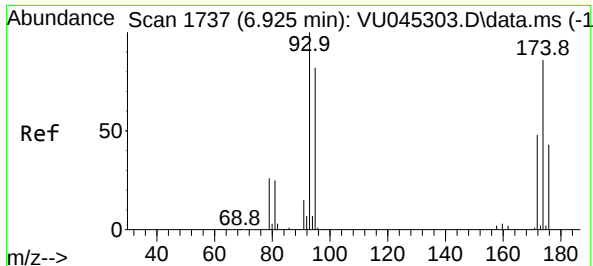
apatel
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#42
1-Chlorobutane
Concen: 0.194 ug/l
RT: 5.465 min Scan# 1283
Delta R.T. 0.000 min
Lab File: VU045311.D
Acq: 13 Oct 2021 16:41

Tgt Ion:	56	Resp:	4588
Ion	Ratio	Lower	Upper
56	100		
41	57.5	26.0	78.0





#43

Dibromomethane

Concen: 0.207 ug/l

RT: 6.925 min Scan# 1737

Delta R.T. 0.000 min

Lab File: VU045311.D

Acq: 13 Oct 2021 16:41

Tgt Ion: 93 Resp: 1263

Ion Ratio Lower Upper

93 100

95 76.3 66.2 99.2

174 83.1 70.7 106.1

Instrument :

MSVOA_U

ClientSampleId :

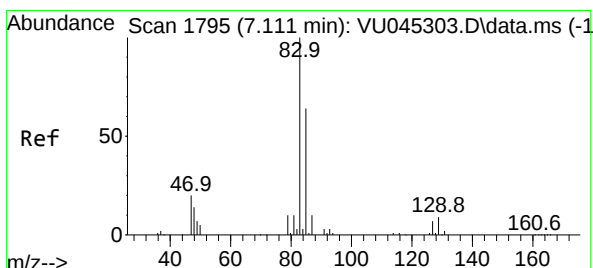
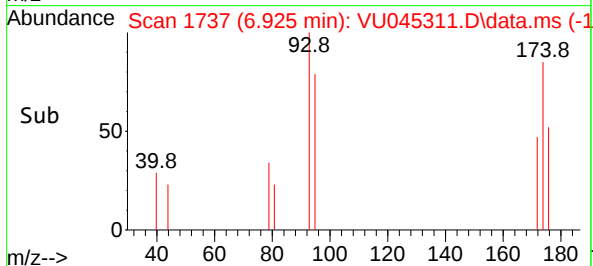
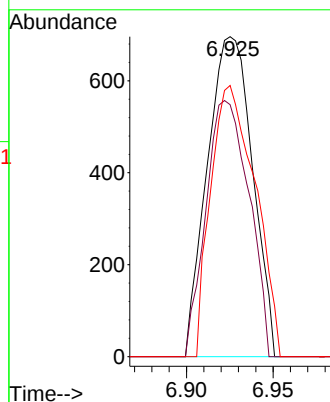
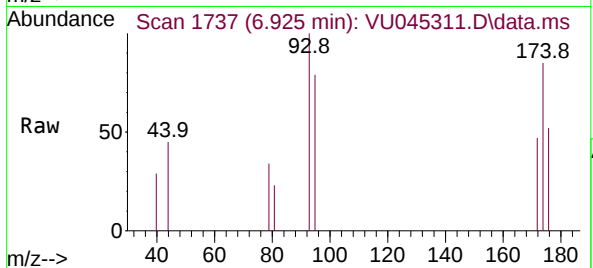
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#44

Bromodichloromethane

Concen: 0.206 ug/l

RT: 7.108 min Scan# 1794

Delta R.T. -0.003 min

Lab File: VU045311.D

Acq: 13 Oct 2021 16:41

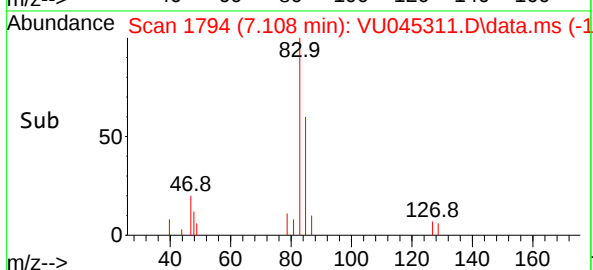
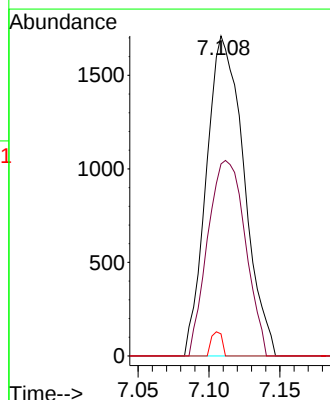
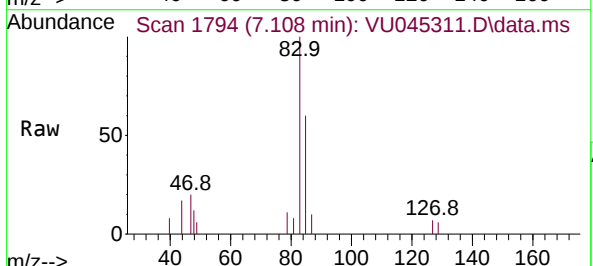
Tgt Ion: 83 Resp: 3148

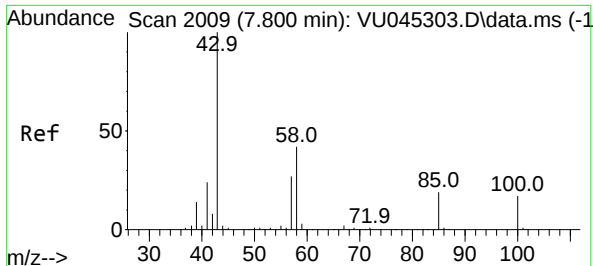
Ion Ratio Lower Upper

83 100

85 60.0 50.9 76.3

127 6.9 6.0 9.0





#45

4-Methyl-2-Pentanone

Concen: 1.015 ug/l

RT: 7.803 min Scan# 2010

Delta R.T. 0.003 min

Lab File: VU045311.D

Acq: 13 Oct 2021 16:41

Tgt Ion:	43	Resp:	8477
Ion	Ratio	Lower	Upper
43	100		
58	38.3	21.0	63.0
85	15.8	14.8	22.2

Instrument :

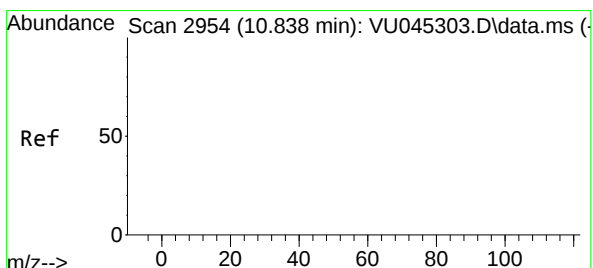
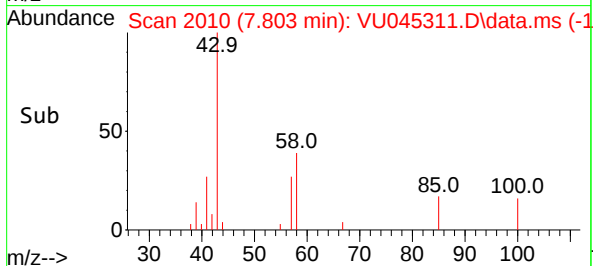
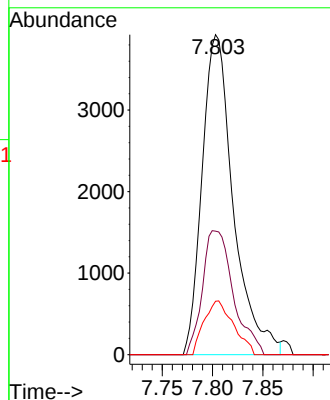
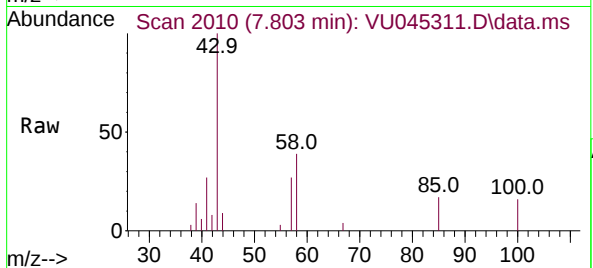
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ClientSampleId :

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#46

t-1,4-Dichloro-2-butene

Concen: 0.296 ug/l m

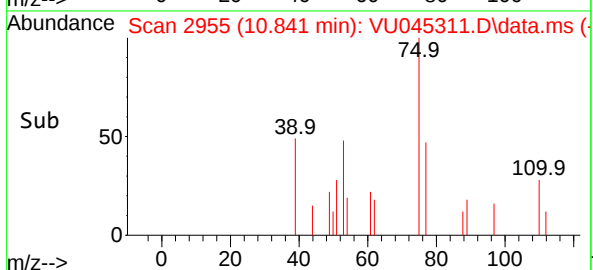
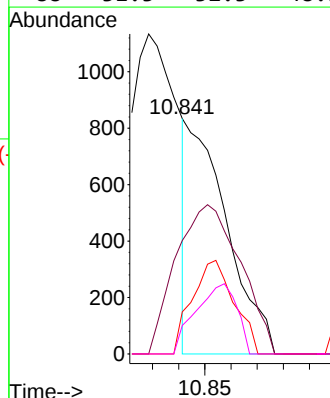
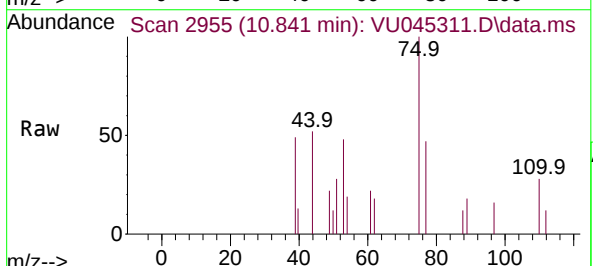
RT: 10.841 min Scan# 2955

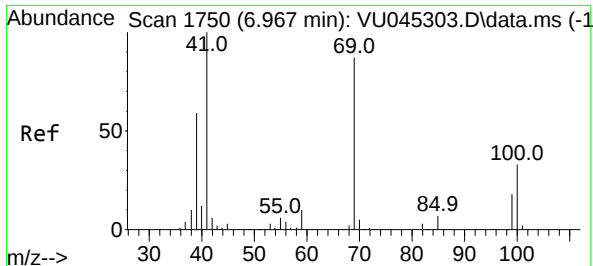
Delta R.T. 0.003 min

Lab File: VU045311.D

Acq: 13 Oct 2021 16:41

Tgt Ion:	75	Resp:	869
Ion	Ratio	Lower	Upper
75	100		
53	104.1	66.8	100.2#
89	42.6	41.7	62.5
88	31.3	32.3	48.5#





#47

Methyl methacrylate

Concen: 0.370 ug/l

RT: 6.970 min Scan# 1751

Delta R.T. 0.003 min

Lab File: VU045311.D

Acq: 13 Oct 2021 16:41

Tgt Ion: 69 Resp: 2296

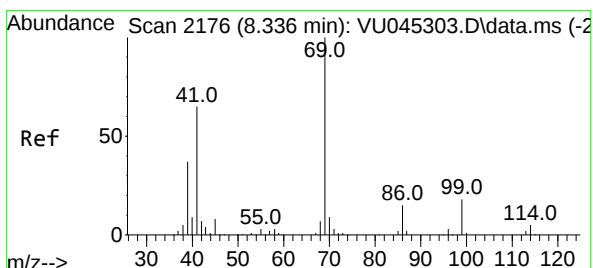
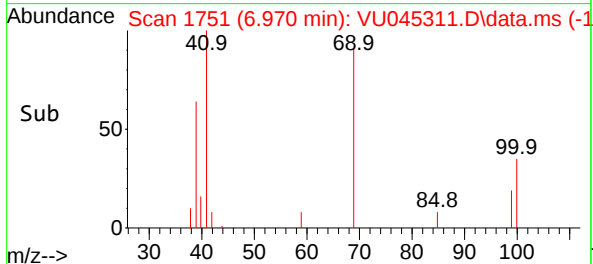
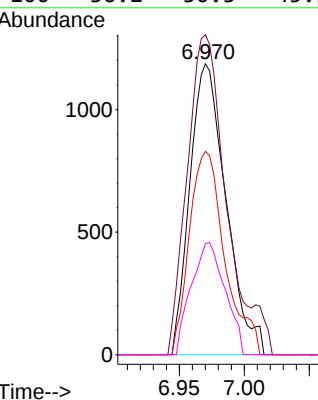
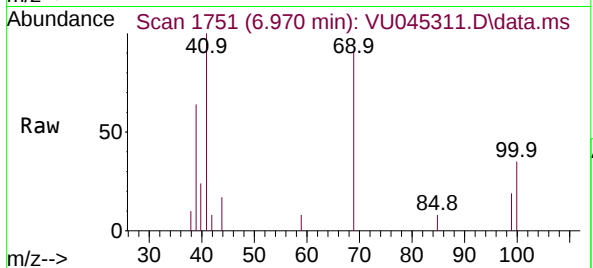
Ion Ratio Lower Upper

69 100

41 119.9 0.0 230.0

39 68.6 55.1 82.7

100 36.2 30.3 45.5



#48

Ethyl methacrylate

Concen: 0.167 ug/l

RT: 8.343 min Scan# 2178

Delta R.T. 0.007 min

Lab File: VU045311.D

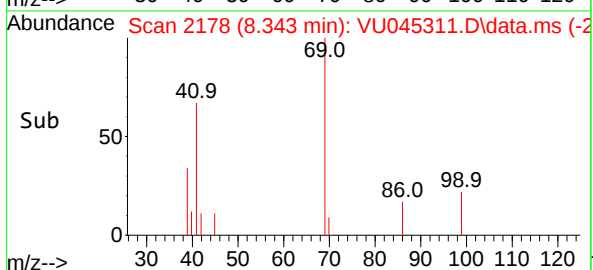
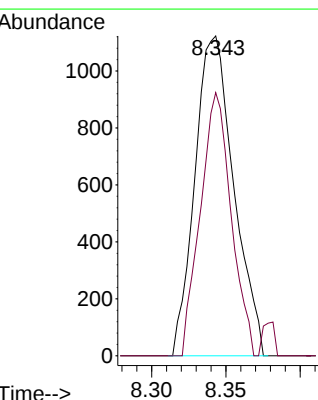
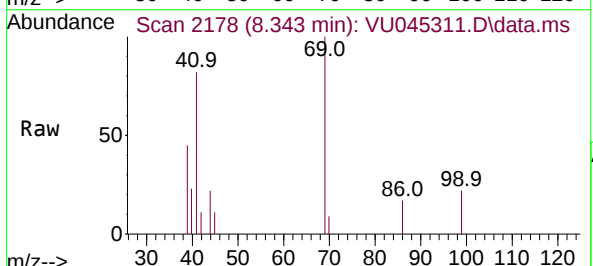
Acq: 13 Oct 2021 16:41

Tgt Ion: 69 Resp: 2046

Ion Ratio Lower Upper

69 100

41 65.1 32.6 98.0



Instrument :

MSVOA_U

ClientSampleId :

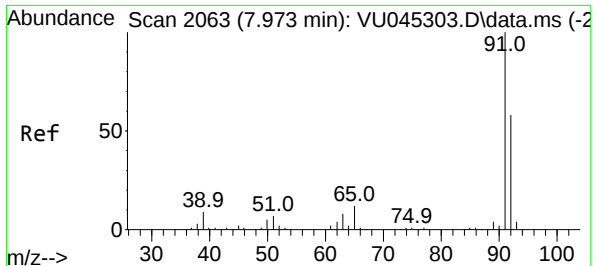
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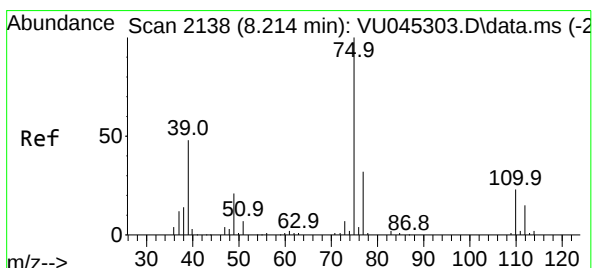
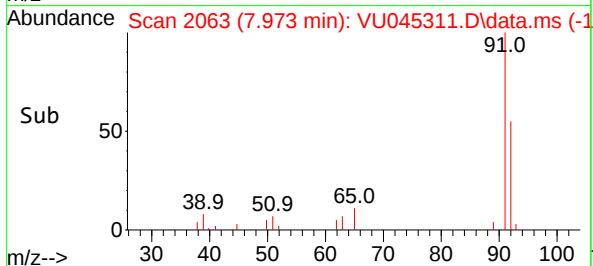
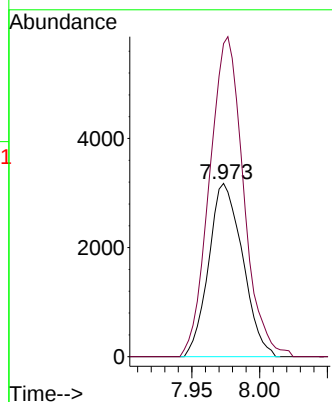
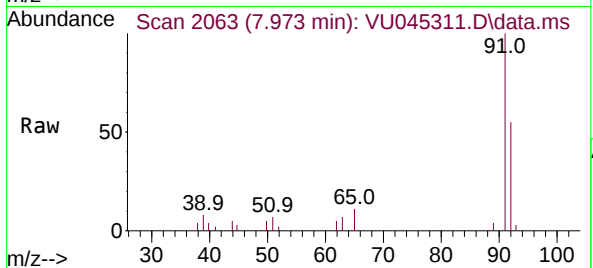
#49
Toluene
Concen: 0.189 ug/l
RT: 7.973 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VU045311.D
Acq: 13 Oct 2021 16:41

Tgt Ion: 92 Resp: 5528
Ion Ratio Lower Upper
92 100
91 185.2 136.8 205.2

Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021

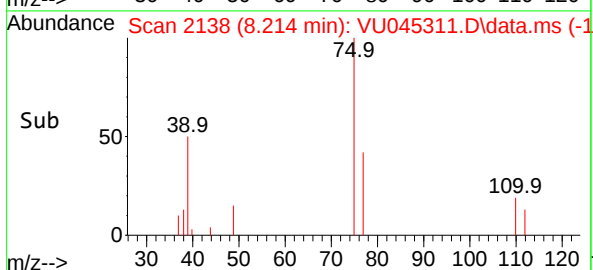
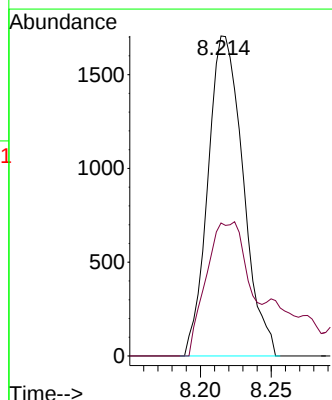
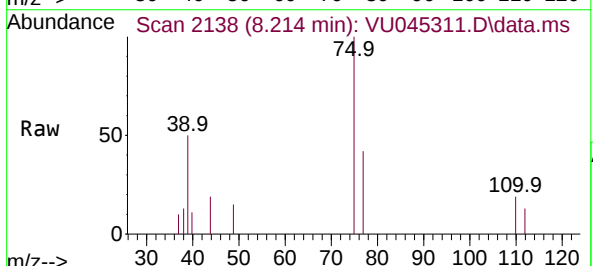
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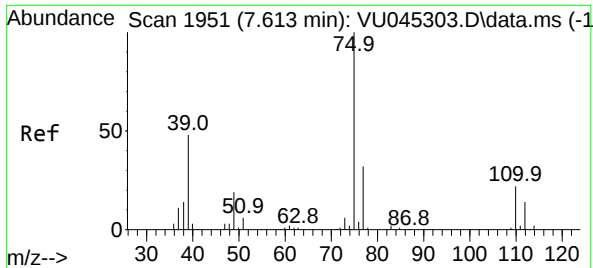
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#50
t-1,3-Dichloropropene
Concen: 0.197 ug/l
RT: 8.214 min Scan# 2138
Delta R.T. 0.000 min
Lab File: VU045311.D
Acq: 13 Oct 2021 16:41

Tgt Ion: 75 Resp: 2942
Ion Ratio Lower Upper
75 100
77 41.6 25.6 38.4#





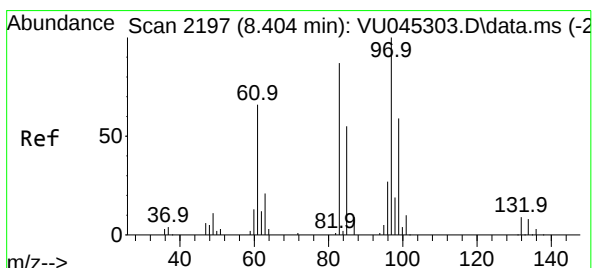
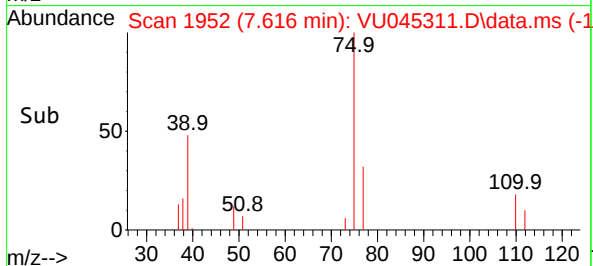
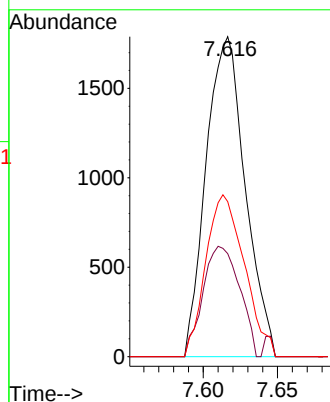
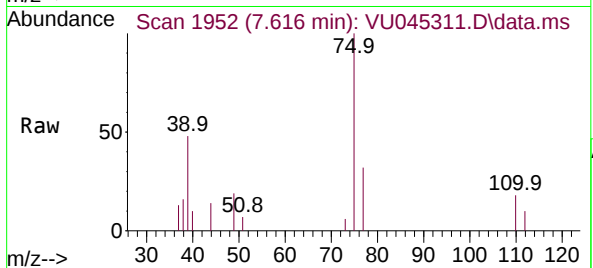
#51
cis-1,3-Dichloropropene
Concen: 0.188 ug/l
RT: 7.616 min Scan# 1952
Delta R.T. 0.003 min
Lab File: VU045311.D
Acq: 13 Oct 2021 16:41

Tgt Ion:	75	Resp:	3274
Ion	Ratio	Lower	Upper
75	100		
77	32.2	25.2	37.8
39	48.5	38.6	57.8

Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021

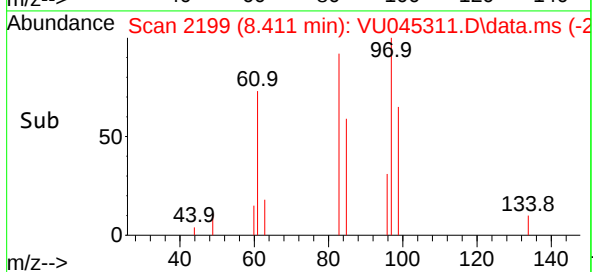
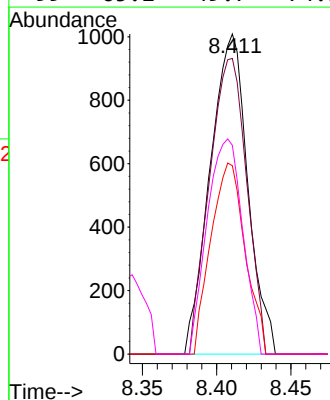
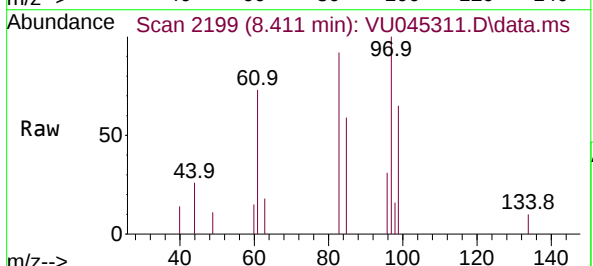
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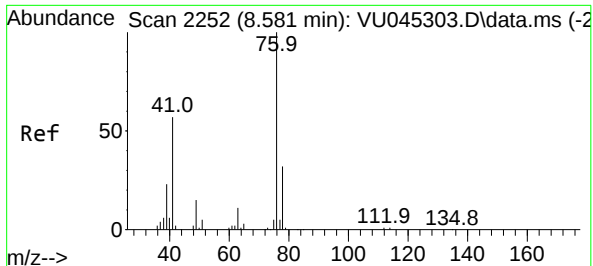
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#52
1,1,2-Trichloroethane
Concen: 0.202 ug/l
RT: 8.411 min Scan# 2199
Delta R.T. 0.007 min
Lab File: VU045311.D
Acq: 13 Oct 2021 16:41

Tgt Ion:	97	Resp:	1778
Ion	Ratio	Lower	Upper
97	100		
83	92.4	69.8	104.8
85	58.9	44.2	66.4
99	65.2	49.7	74.5





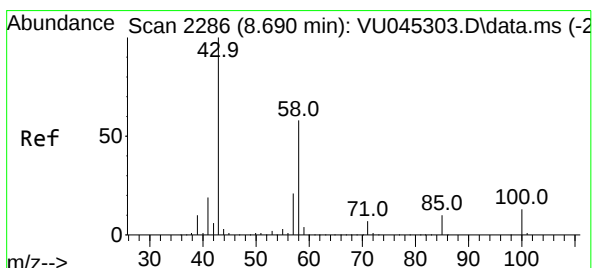
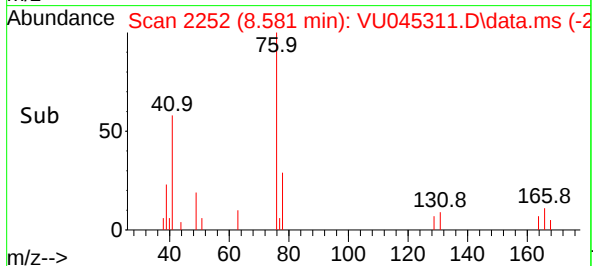
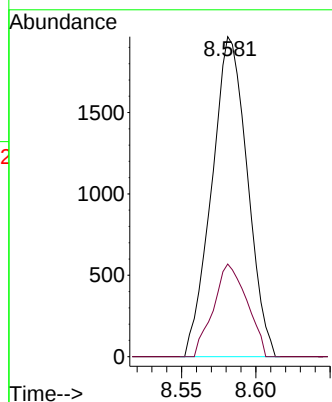
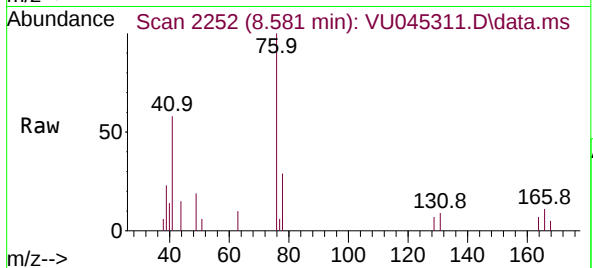
#53
1,3-Dichloropropane
Concen: 0.199 ug/l
RT: 8.581 min Scan# 2252
Delta R.T. 0.000 min
Lab File: VU045311.D
Acq: 13 Oct 2021 16:41

Tgt Ion: 76 Resp: 3271
Ion Ratio Lower Upper
76 100
78 27.3 25.4 38.2

Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021

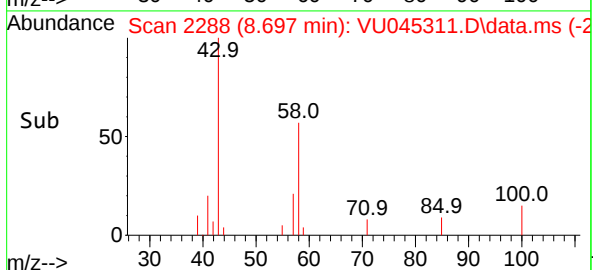
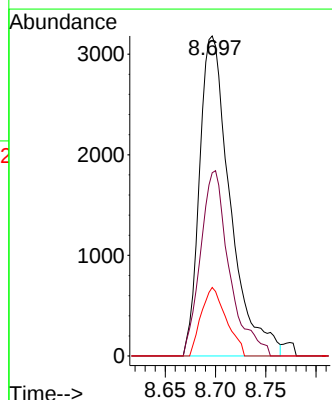
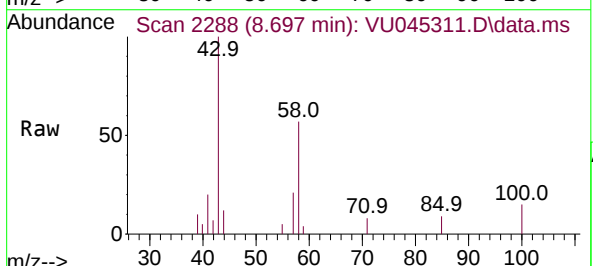
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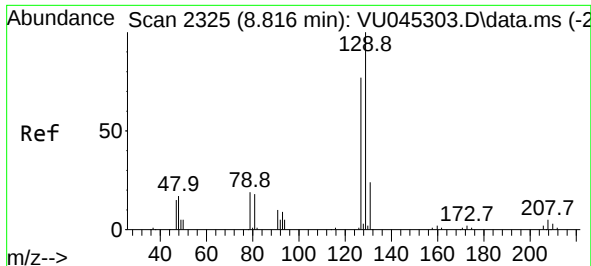
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#54
2-Hexanone
Concen: 1.044 ug/l
RT: 8.697 min Scan# 2288
Delta R.T. 0.007 min
Lab File: VU045311.D
Acq: 13 Oct 2021 16:41

Tgt Ion: 43 Resp: 6734
Ion Ratio Lower Upper
43 100
58 54.6 37.7 77.7
57 17.5 0.5 40.5





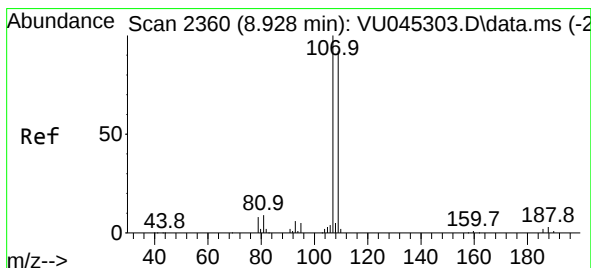
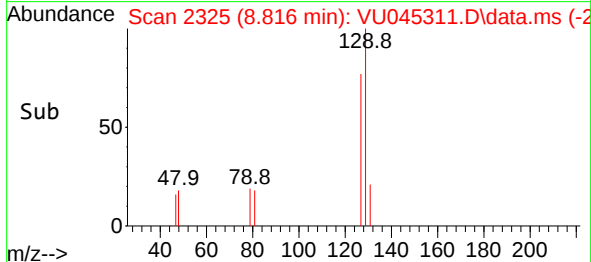
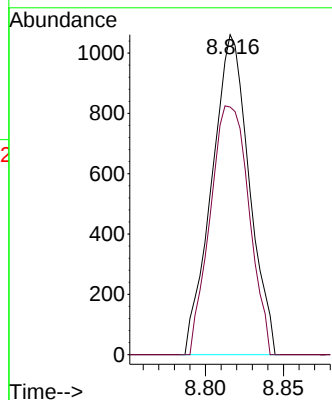
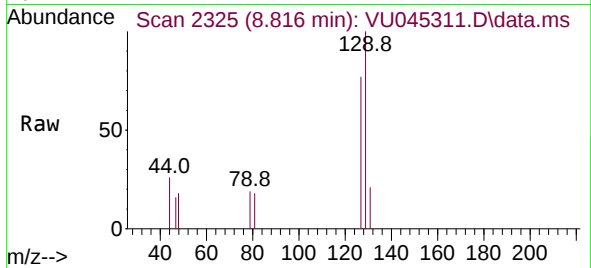
#55
Dibromochloromethane
Concen: 0.191 ug/l
RT: 8.816 min Scan# 2325
Delta R.T. 0.000 min
Lab File: VU045311.D
Acq: 13 Oct 2021 16:41

Tgt Ion:129 Resp: 1771
Ion Ratio Lower Upper
129 100
127 80.5 62.2 93.4

Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021

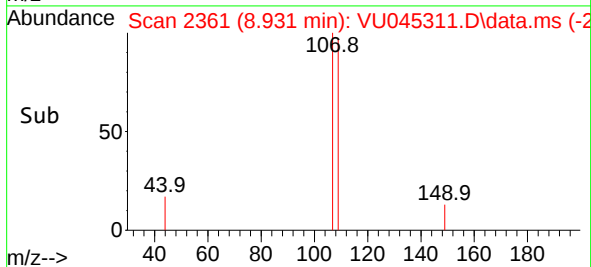
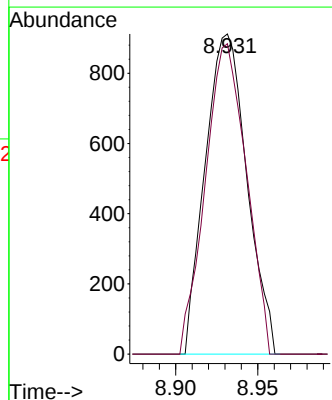
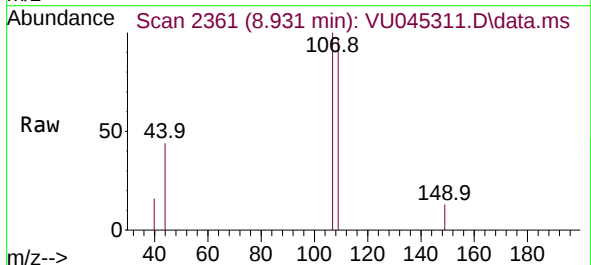
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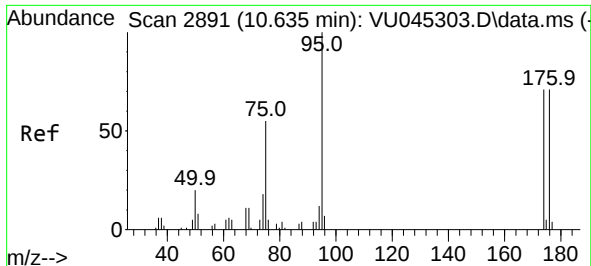
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#56
1,2-Dibromoethane
Concen: 0.194 ug/l
RT: 8.931 min Scan# 2361
Delta R.T. 0.003 min
Lab File: VU045311.D
Acq: 13 Oct 2021 16:41

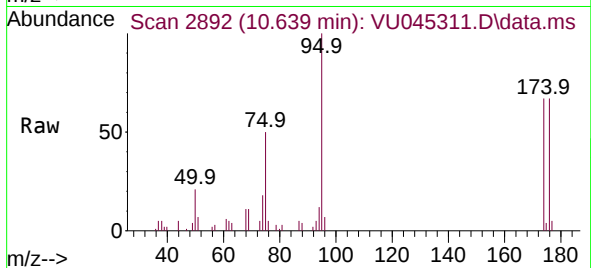
Tgt Ion:107 Resp: 1612
Ion Ratio Lower Upper
107 100
109 95.0 0.0 185.0





#57
4-Bromofluorobenzene
Concen: 0.897 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.003 min
Lab File: VU045311.D
Acq: 13 Oct 2021 16:41

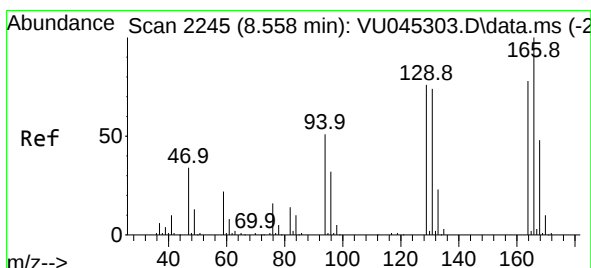
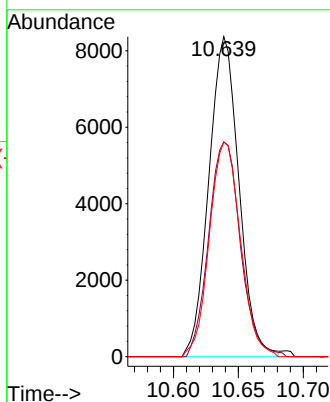
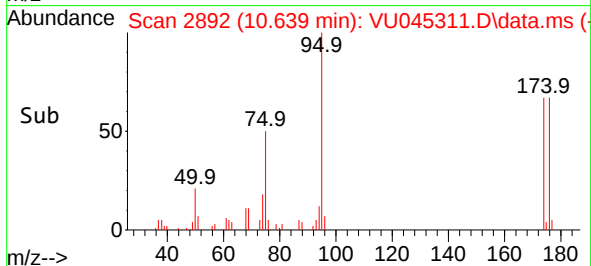
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MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



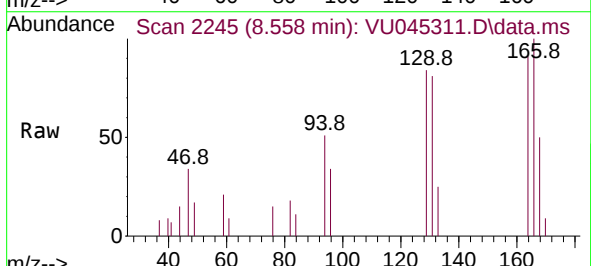
Tgt Ion: 95 Resp: 13463
Ion Ratio Lower Upper
95 100
174 70.8 56.6 84.8
176 69.2 54.3 81.5

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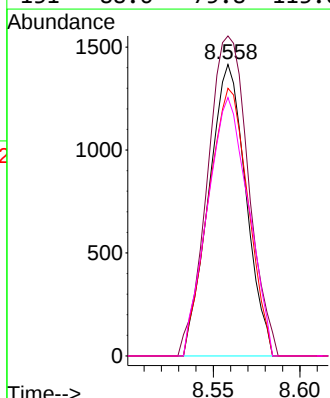
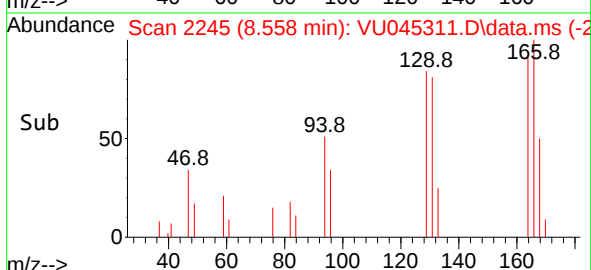
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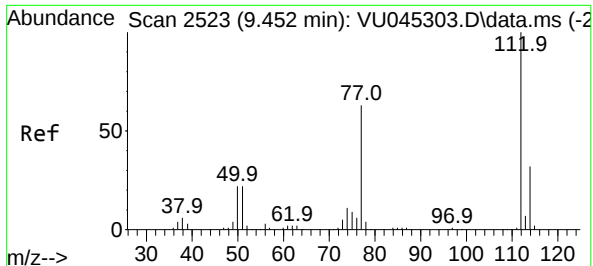


#58
Tetrachloroethene
Concen: 0.203 ug/l
RT: 8.558 min Scan# 2245
Delta R.T. 0.000 min
Lab File: VU045311.D
Acq: 13 Oct 2021 16:41



Tgt Ion: 164 Resp: 2111
Ion Ratio Lower Upper
164 100
166 109.7 102.0 153.0
129 91.8 77.1 115.7
131 88.6 75.8 113.6





#59

Chlorobenzene

Concen: 0.204 ug/l

RT: 9.456 min Scan# 2524

Delta R.T. 0.003 min

Lab File: VU045311.D

Acq: 13 Oct 2021 16:41

Tgt Ion:112 Resp: 6178

Ion Ratio Lower Upper

112 100

114 33.9 25.4 38.0

Instrument :

MSVOA_U

ClientSampleId :

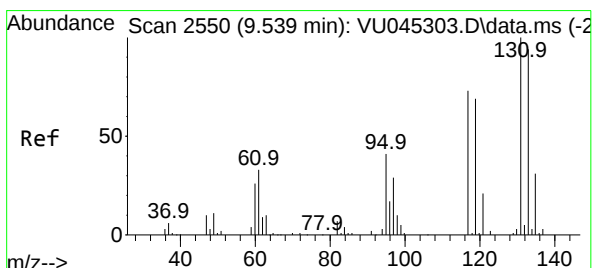
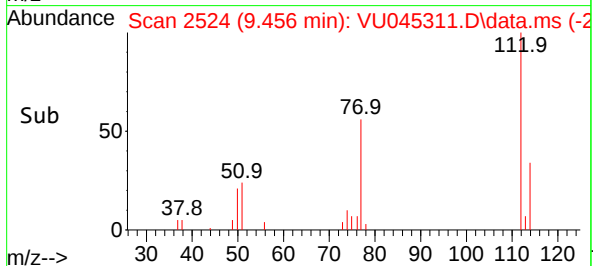
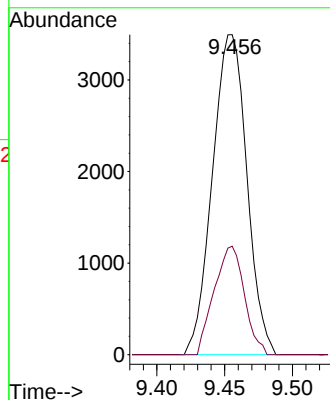
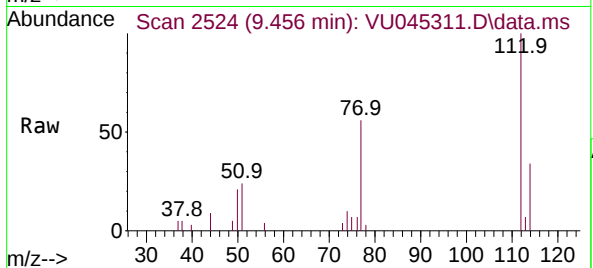
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#60

1,1,1,2-Tetrachloroethane

Concen: 0.194 ug/l

RT: 9.539 min Scan# 2550

Delta R.T. 0.000 min

Lab File: VU045311.D

Acq: 13 Oct 2021 16:41

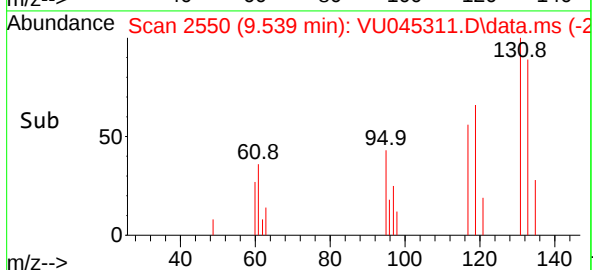
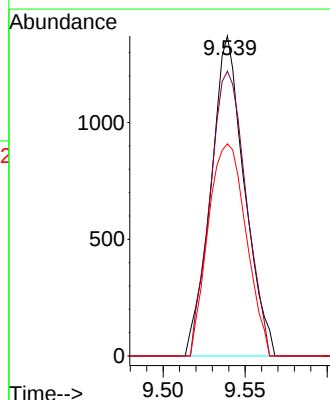
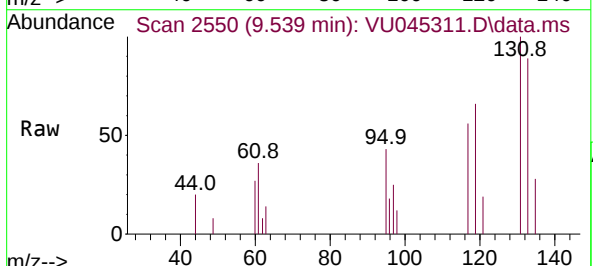
Tgt Ion:131 Resp: 1951

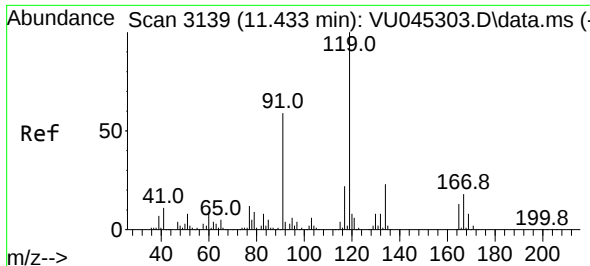
Ion Ratio Lower Upper

131 100

133 95.2 76.0 114.0

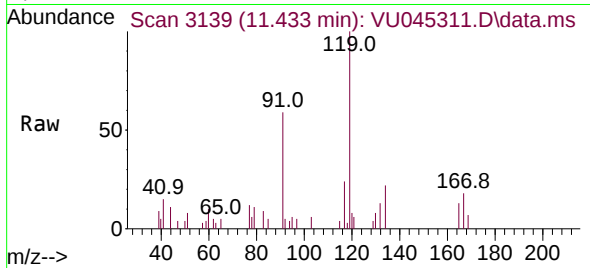
119 74.7 54.9 82.3





#61
Pentachloroethane
Concen: 0.204 ug/l
RT: 11.433 min Scan# 3139
Delta R.T. 0.000 min
Lab File: VU045311.D
Acq: 13 Oct 2021 16:41

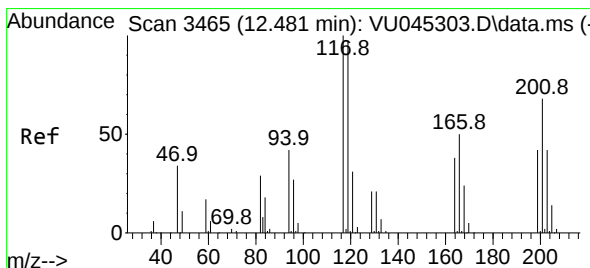
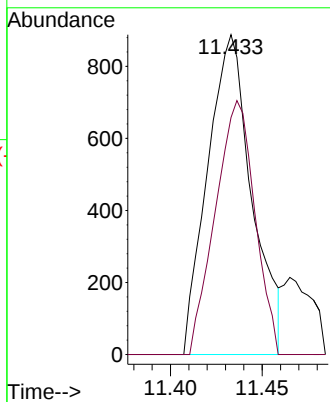
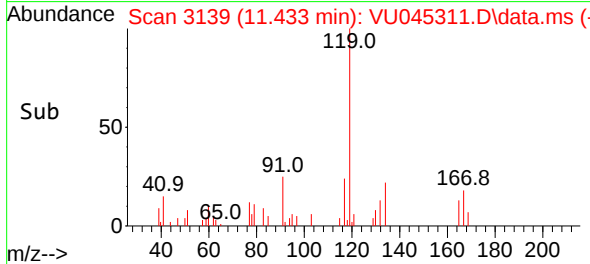
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



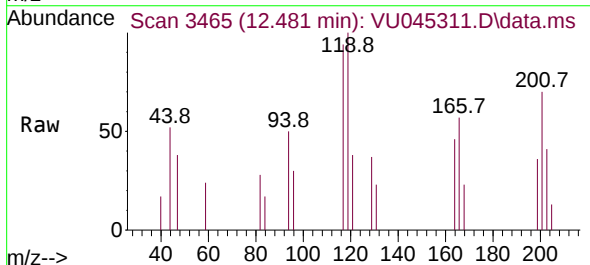
Tgt Ion:117 Resp: 1493
Ion Ratio Lower Upper
117 100
167 70.7 59.7 89.5

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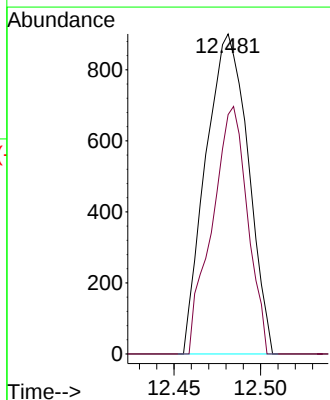
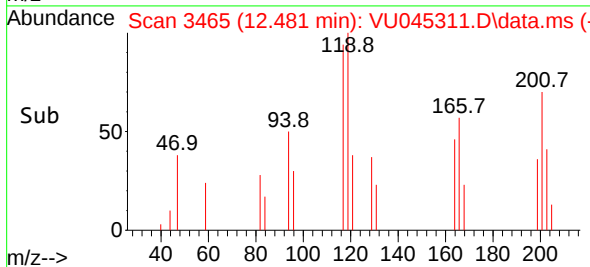
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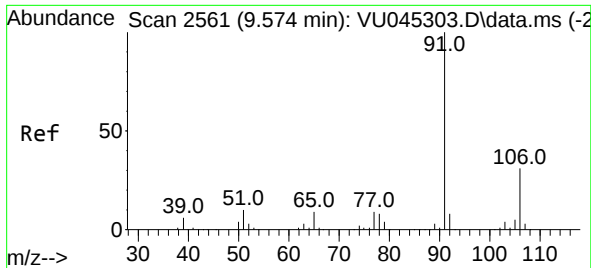


#62
Hexachloroethane
Concen: 0.199 ug/l
RT: 12.481 min Scan# 3465
Delta R.T. 0.000 min
Lab File: VU045311.D
Acq: 13 Oct 2021 16:41



Tgt Ion:117 Resp: 1534
Ion Ratio Lower Upper
117 100
201 64.7 53.6 80.4





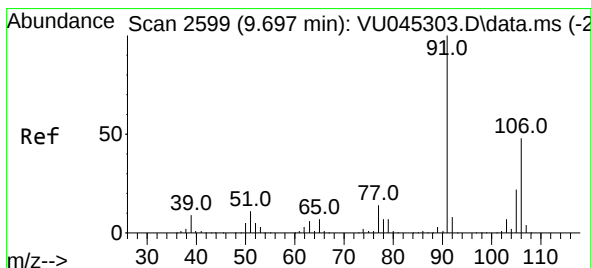
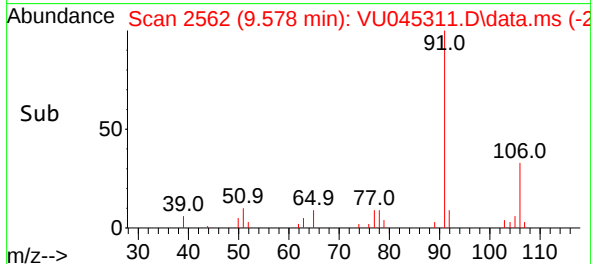
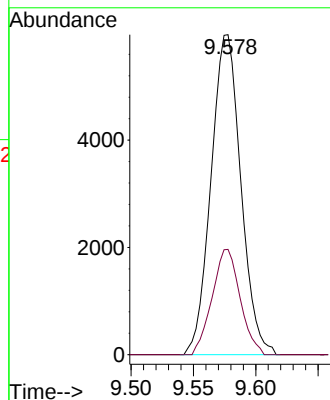
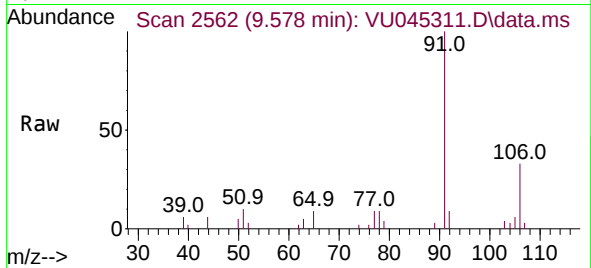
#63
Ethyl Benzene
Concen: 0.183 ug/l
RT: 9.578 min Scan# 2562
Delta R.T. 0.003 min
Lab File: VU045311.D
Acq: 13 Oct 2021 16:41

Tgt Ion: 91 Resp: 9944
Ion Ratio Lower Upper
91 100
106 32.9 24.4 36.6

Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021

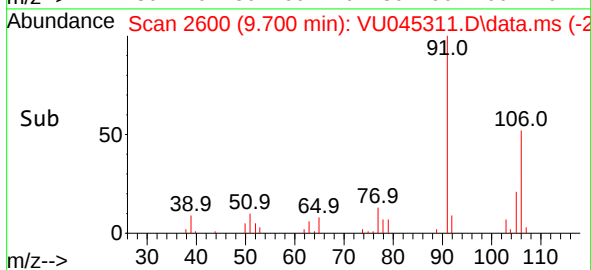
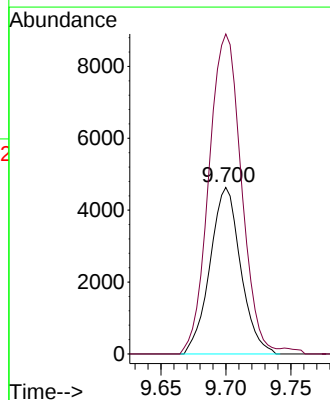
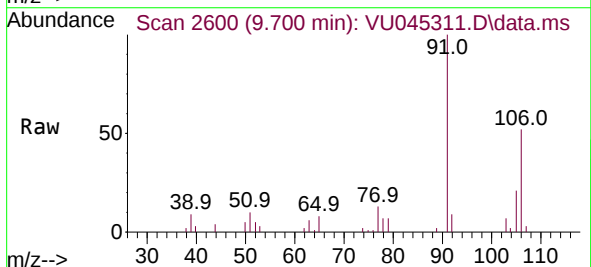
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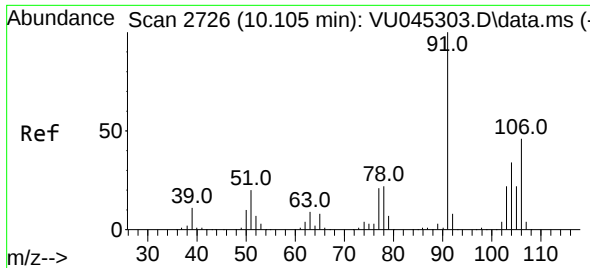
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#64
m/p-Xylenes
Concen: 0.368 ug/l
RT: 9.700 min Scan# 2600
Delta R.T. 0.003 min
Lab File: VU045311.D
Acq: 13 Oct 2021 16:41

Tgt Ion: 106 Resp: 7604
Ion Ratio Lower Upper
106 100
91 203.2 165.5 248.3





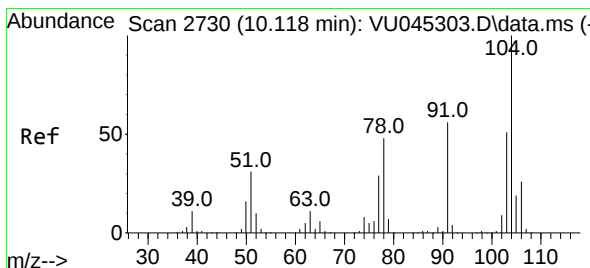
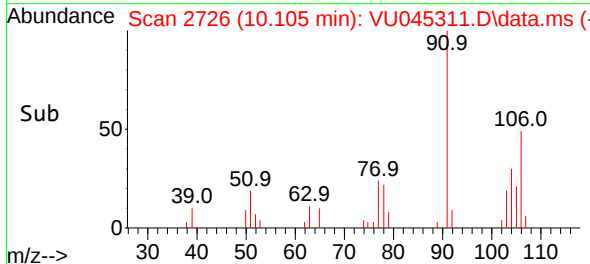
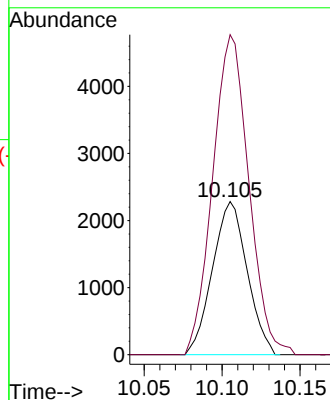
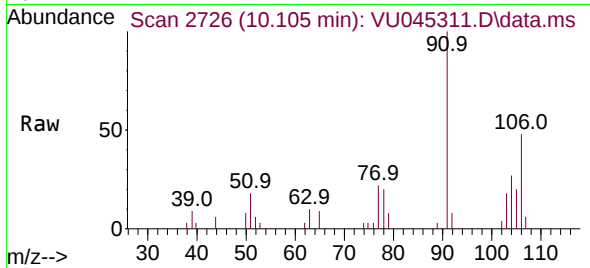
#65
o-Xylene
Concen: 0.175 ug/l
RT: 10.105 min Scan# 2726
Delta R.T. 0.000 min
Lab File: VU045311.D
Acq: 13 Oct 2021 16:41

Tgt Ion:106 Resp: 3530
Ion Ratio Lower Upper
106 100
91 217.5 109.4 328.2

Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021

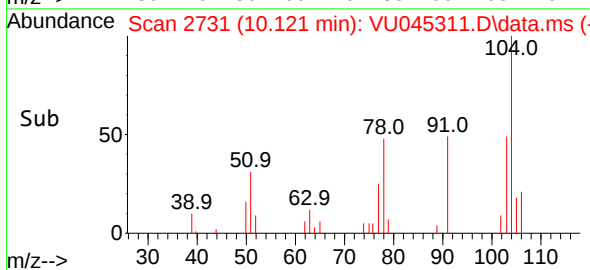
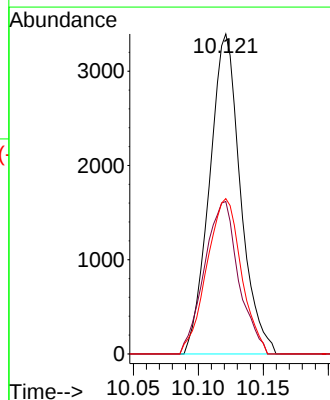
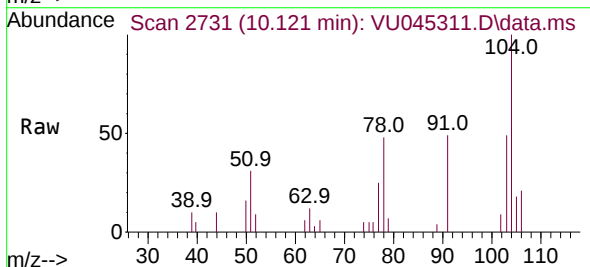
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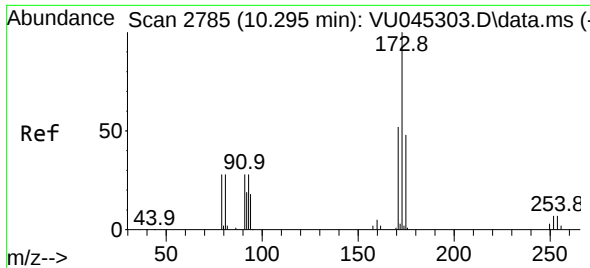
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#66
Styrene
Concen: 0.171 ug/l
RT: 10.121 min Scan# 2731
Delta R.T. 0.003 min
Lab File: VU045311.D
Acq: 13 Oct 2021 16:41

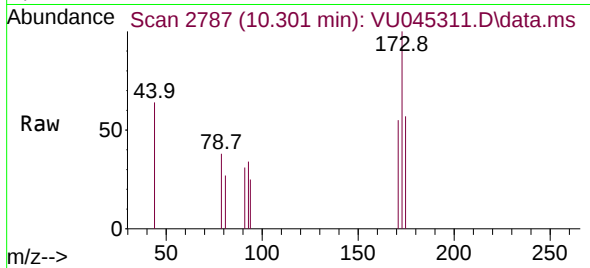
Tgt Ion:104 Resp: 5626
Ion Ratio Lower Upper
104 100
78 52.5 42.4 63.6
103 54.0 44.2 66.4





#67
Bromoform
Concen: 0.160 ug/l
RT: 10.301 min Scan# 2787
Delta R.T. 0.007 min
Lab File: VU045311.D
Acq: 13 Oct 2021 16:41

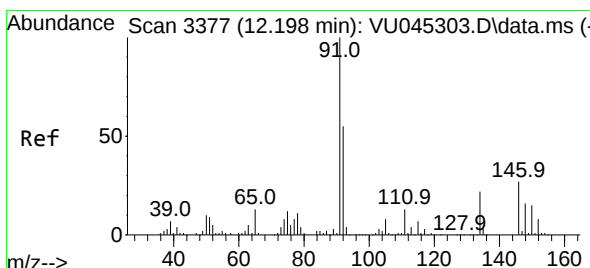
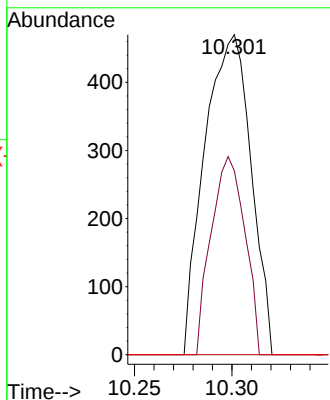
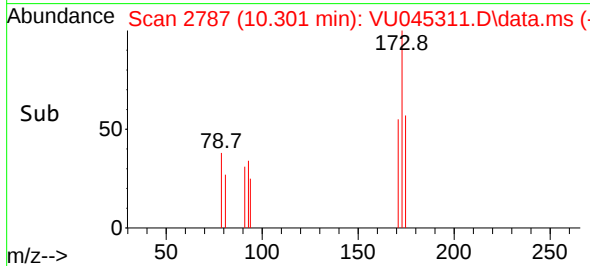
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



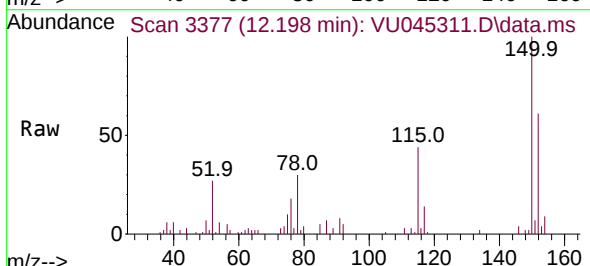
Tgt Ion:173 Resp: 777
Ion Ratio Lower Upper
173 100
175 45.0 39.0 58.4
254 0.0 5.5 8.3#

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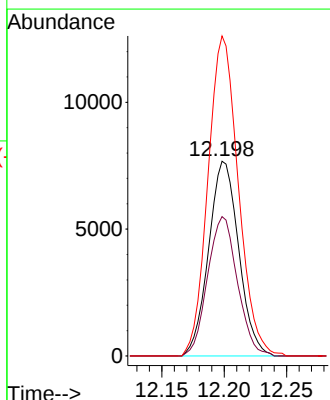
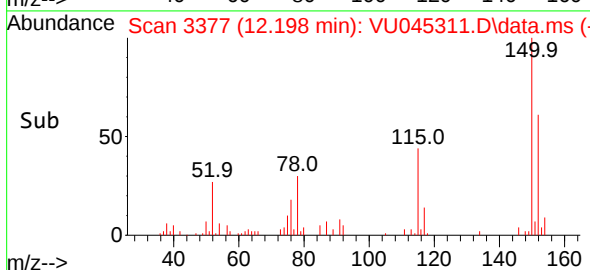
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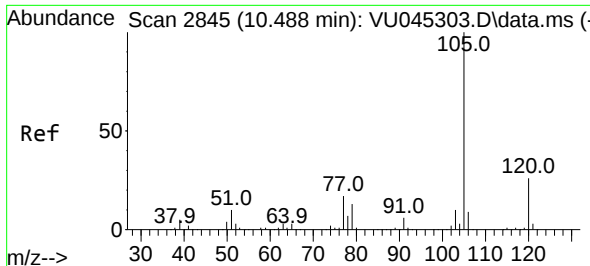


#68
1,2-Dichlorobenzene-d4
Concen: 0.919 ug/l
RT: 12.198 min Scan# 3377
Delta R.T. 0.000 min
Lab File: VU045311.D
Acq: 13 Oct 2021 16:41



Tgt Ion:152 Resp: 12912
Ion Ratio Lower Upper
152 100
115 70.7 0.0 251.0
150 165.3 0.0 613.8





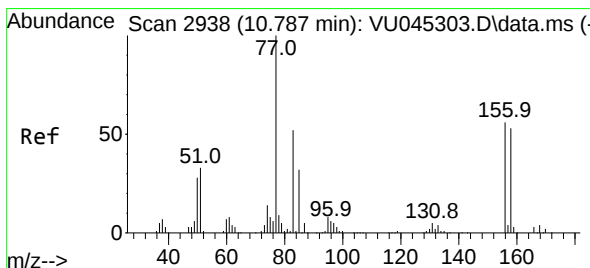
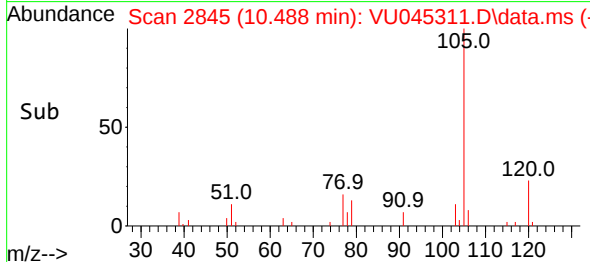
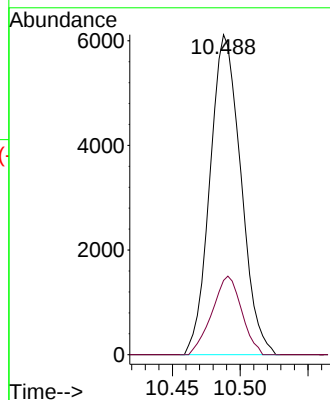
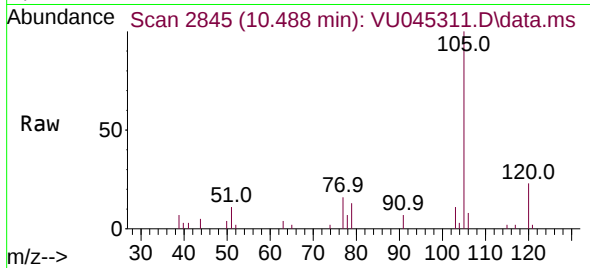
#69
Isopropylbenzene
Concen: 0.183 ug/l
RT: 10.488 min Scan# 2845
Delta R.T. 0.000 min
Lab File: VU045311.D
Acq: 13 Oct 2021 16:41

Tgt Ion: 105 Resp: 9690
Ion Ratio Lower Upper
105 100
120 23.5 12.8 38.4

Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021

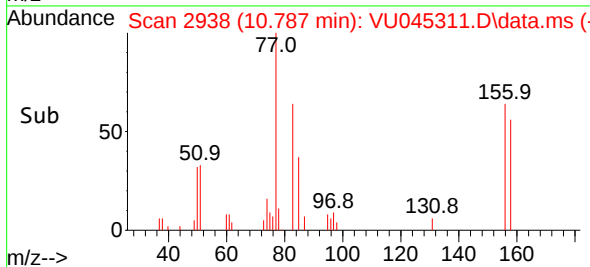
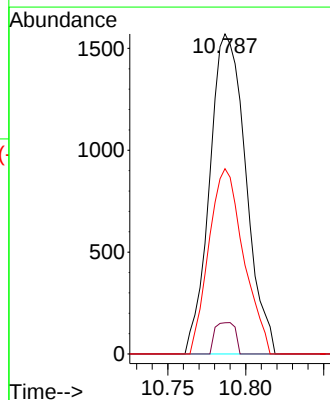
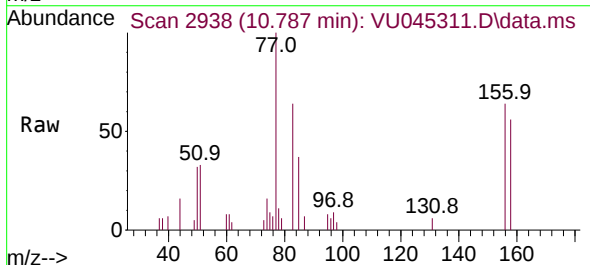
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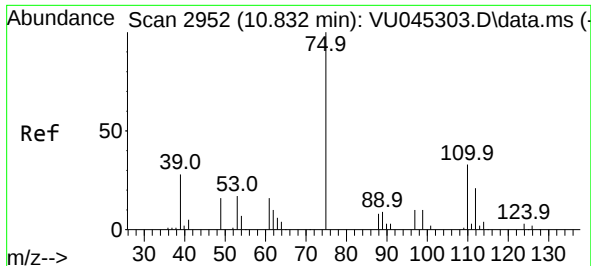
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#70
1,1,2,2-Tetrachloroethane
Concen: 0.223 ug/l
RT: 10.787 min Scan# 2938
Delta R.T. 0.000 min
Lab File: VU045311.D
Acq: 13 Oct 2021 16:41

Tgt Ion: 83 Resp: 2532
Ion Ratio Lower Upper
83 100
131 5.5 7.6 11.4#
85 55.6 50.9 76.3





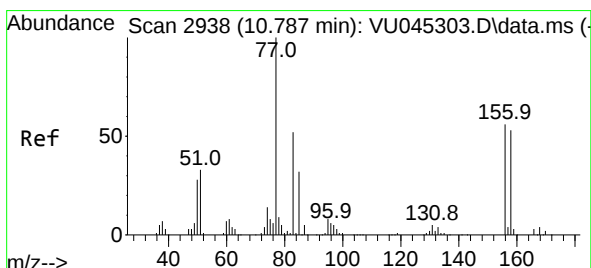
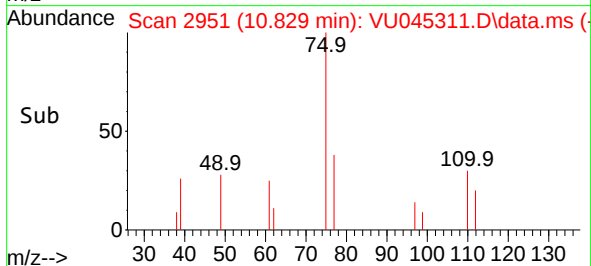
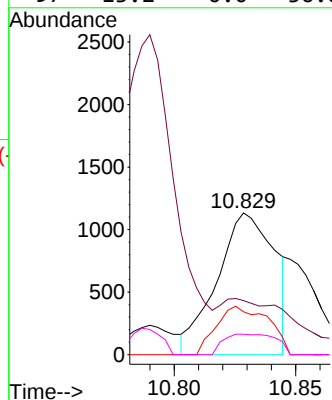
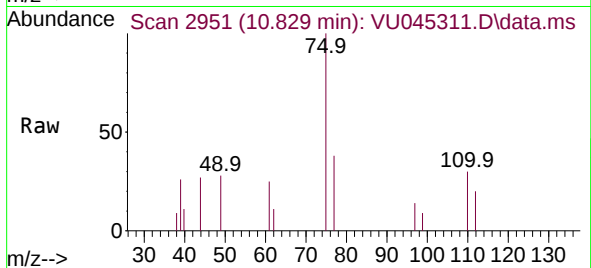
#71
1,2,3-Trichloropropane
Concen: 0.200 ug/l m
RT: 10.829 min Scan# 2951
Delta R.T. -0.003 min
Lab File: VU045311.D
Acq: 13 Oct 2021 16:41

Tgt Ion:	75	Resp:	1867
Ion	Ratio	Lower	Upper
75	100		
77	23.1	0.0	105.6
110	30.9	0.0	71.2
97	13.2	0.0	36.8

Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021

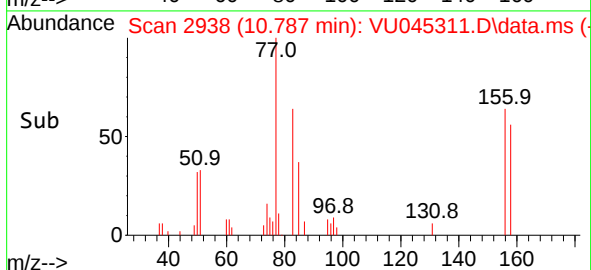
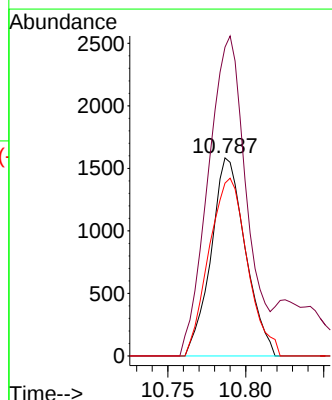
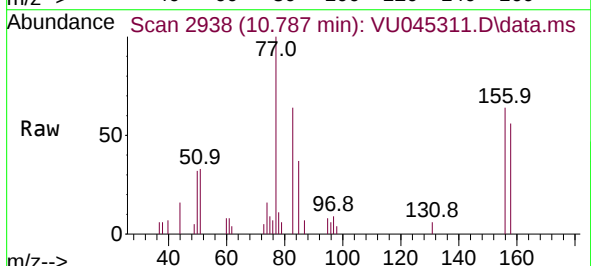
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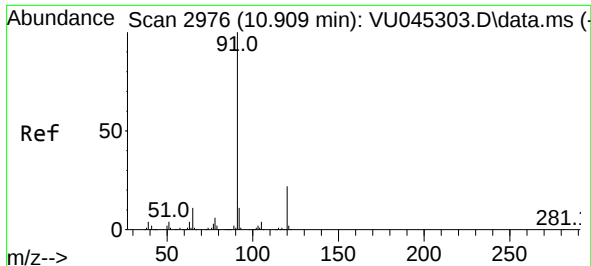
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#72
Bromobenzene
Concen: 0.207 ug/l
RT: 10.787 min Scan# 2938
Delta R.T. 0.000 min
Lab File: VU045311.D
Acq: 13 Oct 2021 16:41

Tgt Ion:	156	Resp:	2427
Ion	Ratio	Lower	Upper
156	100		
77	179.2	0.0	370.6
158	100.3	0.0	193.4





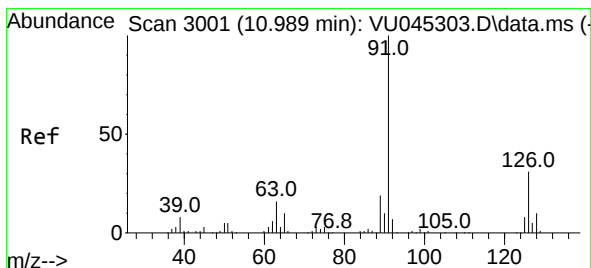
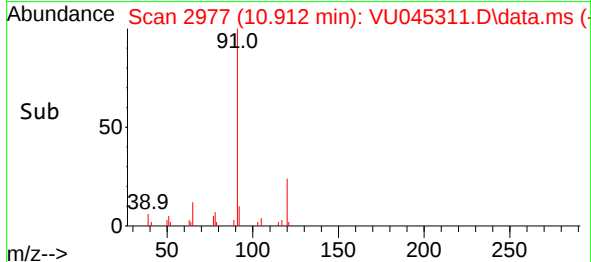
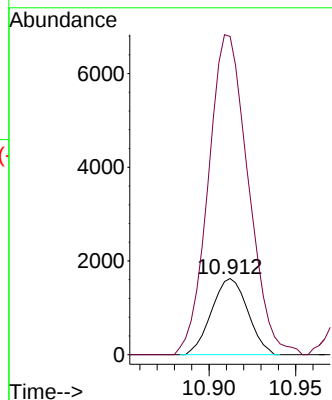
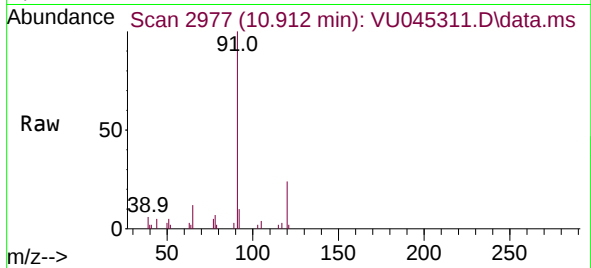
#73
n-propylbenzene
Concen: 0.170 ug/l
RT: 10.912 min Scan# 2977
Delta R.T. 0.003 min
Lab File: VU045311.D
Acq: 13 Oct 2021 16:41

Tgt Ion:120 Resp: 2360
Ion Ratio Lower Upper
120 100
91 463.4 370.7 556.1

Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021

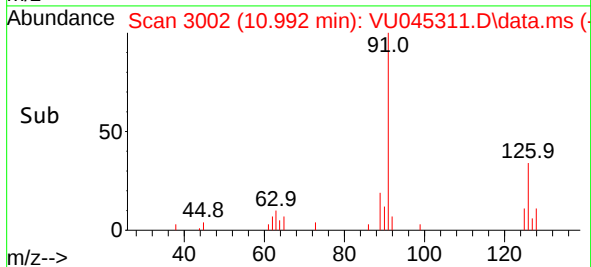
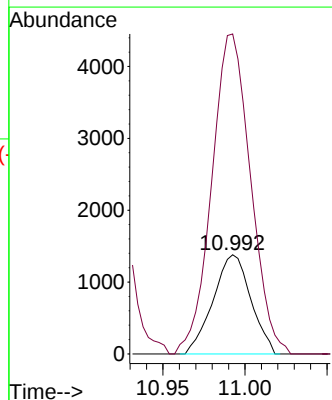
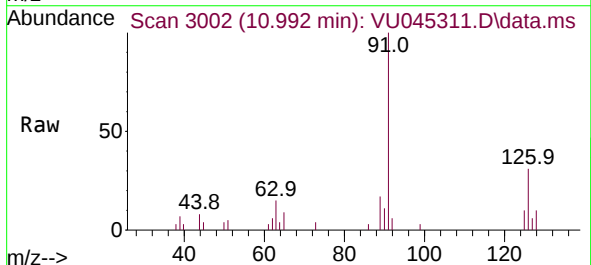
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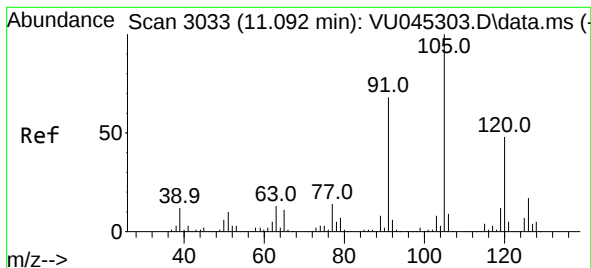
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#74
2-Chlorotoluene
Concen: 0.184 ug/l
RT: 10.992 min Scan# 3002
Delta R.T. 0.003 min
Lab File: VU045311.D
Acq: 13 Oct 2021 16:41

Tgt Ion:126 Resp: 2204
Ion Ratio Lower Upper
126 100
91 332.0 0.0 639.6





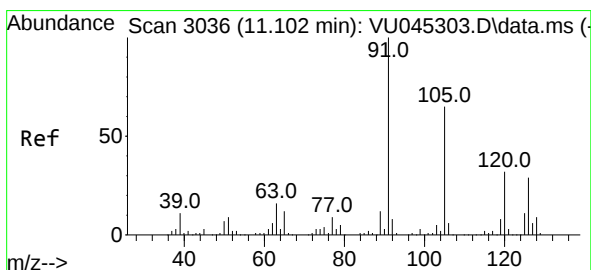
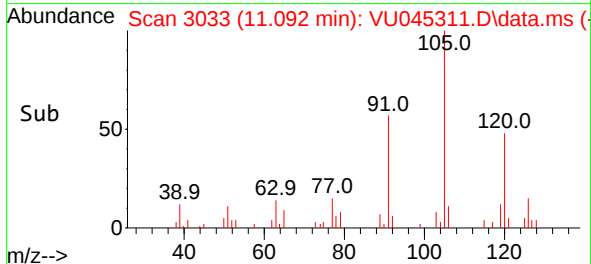
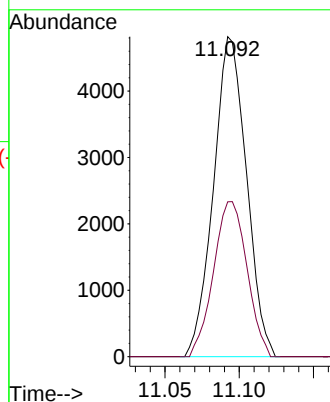
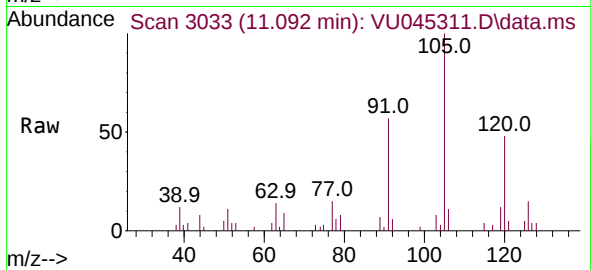
#75
1,3,5-Trimethylbenzene
Concen: 0.168 ug/l
RT: 11.092 min Scan# 3033
Delta R.T. 0.000 min
Lab File: VU045311.D
Acq: 13 Oct 2021 16:41

Tgt Ion:105 Resp: 7439
Ion Ratio Lower Upper
105 100
120 49.1 38.6 58.0

Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021

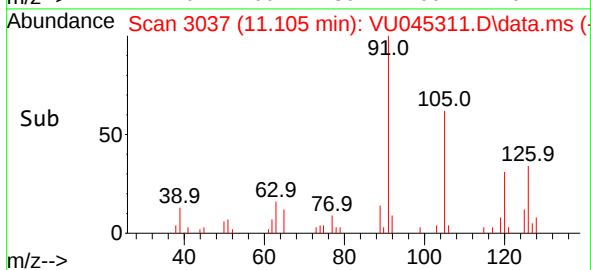
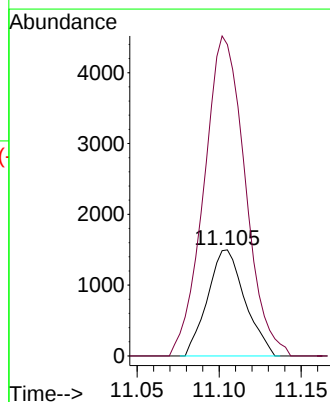
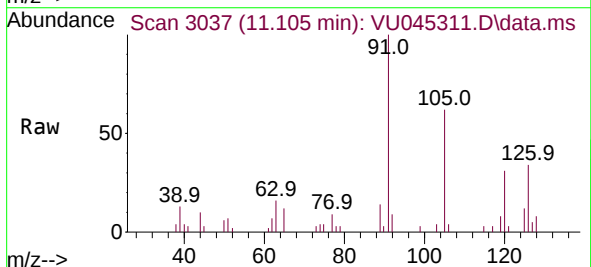
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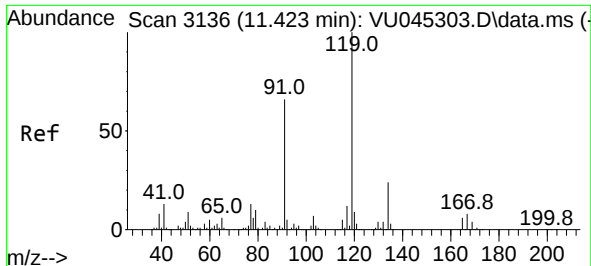
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#76
4-Chlorotoluene
Concen: 0.194 ug/l
RT: 11.105 min Scan# 3037
Delta R.T. 0.003 min
Lab File: VU045311.D
Acq: 13 Oct 2021 16:41

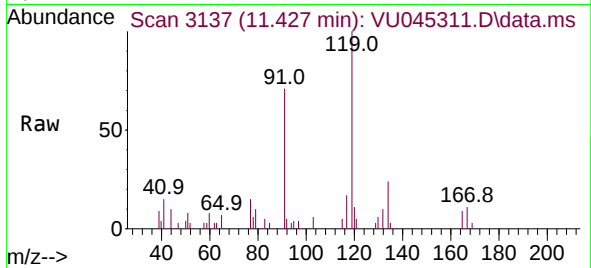
Tgt Ion:126 Resp: 2368
Ion Ratio Lower Upper
126 100
91 332.2 0.0 728.0





#77
tert-Butylbenzene
Concen: 0.183 ug/l
RT: 11.427 min Scan# 3137
Delta R.T. 0.003 min
Lab File: VU045311.D
Acq: 13 Oct 2021 16:41

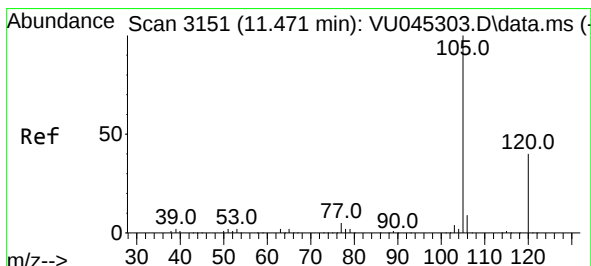
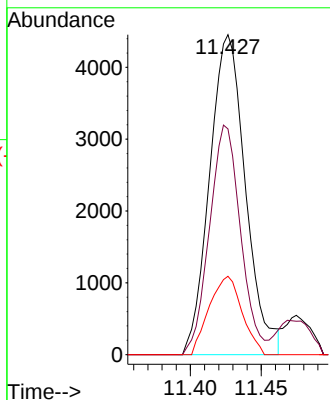
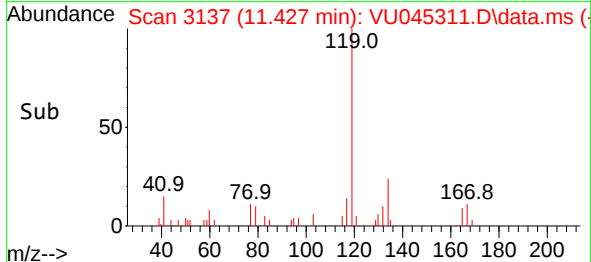
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



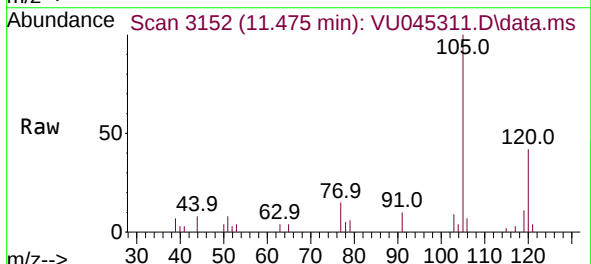
Tgt Ion:119 Resp: 7856
Ion Ratio Lower Upper
119 100
91 62.1 31.4 94.3
134 22.4 18.5 27.7

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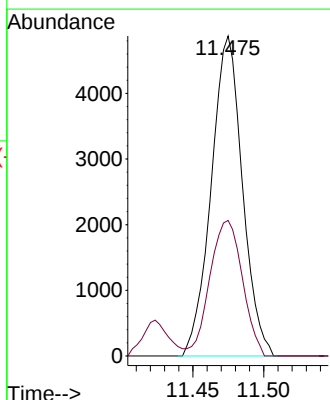
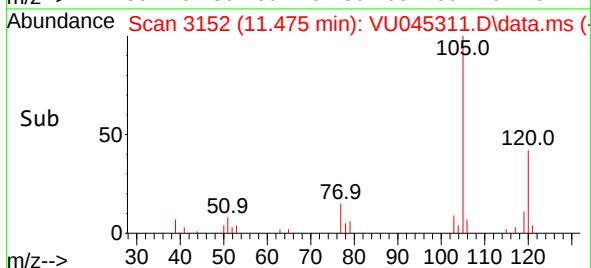
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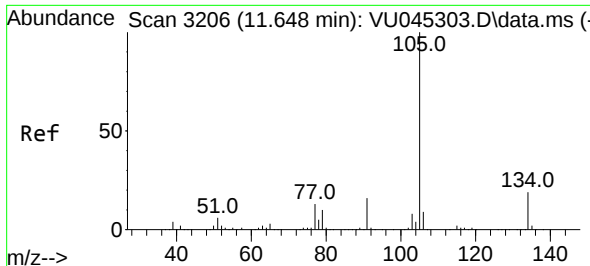


#78
1,2,4-Trimethylbenzene
Concen: 0.166 ug/l
RT: 11.475 min Scan# 3152
Delta R.T. 0.003 min
Lab File: VU045311.D
Acq: 13 Oct 2021 16:41



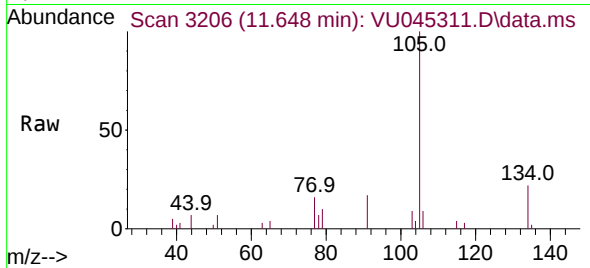
Tgt Ion:105 Resp: 7473
Ion Ratio Lower Upper
105 100
120 44.3 22.3 66.8





#79
 sec-Butylbenzene
 Concen: 0.166 ug/l
 RT: 11.648 min Scan# 3206
 Delta R.T. 0.000 min
 Lab File: VU045311.D
 Acq: 13 Oct 2021 16:41

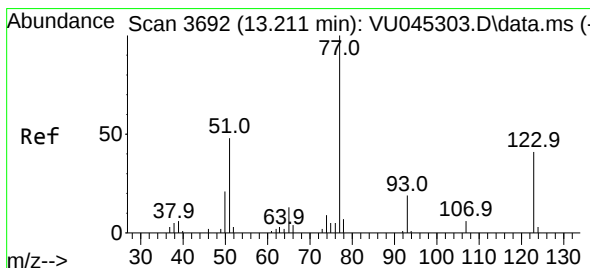
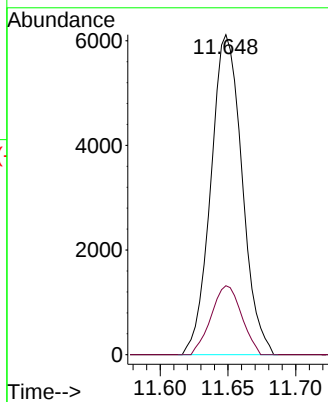
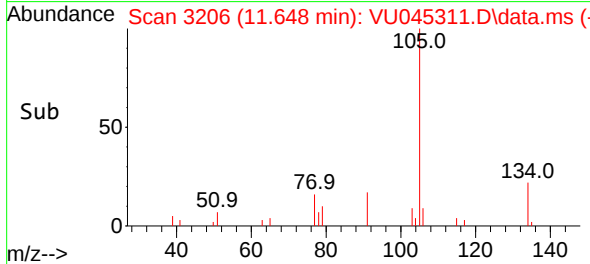
Instrument :
 MSVOA_U
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2021



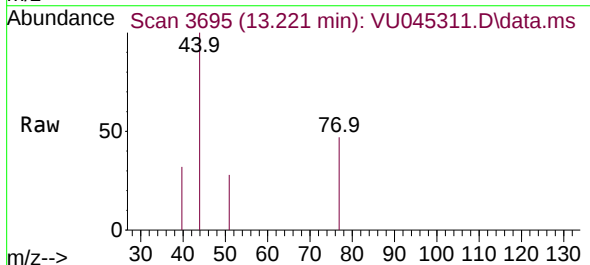
Tgt Ion:105 Resp: 9804
 Ion Ratio Lower Upper
 105 100
 134 20.9 15.4 23.0

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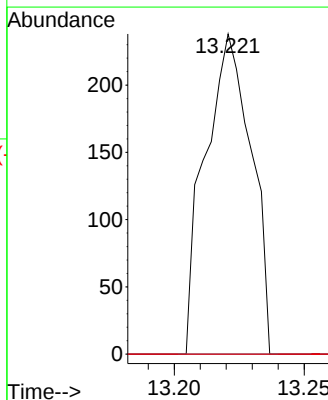
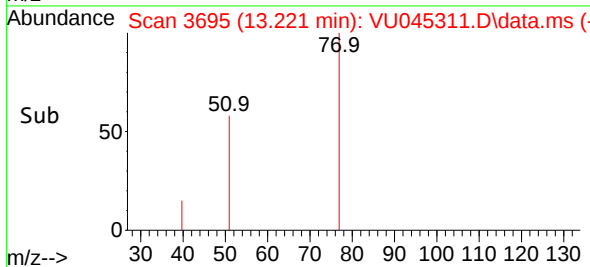
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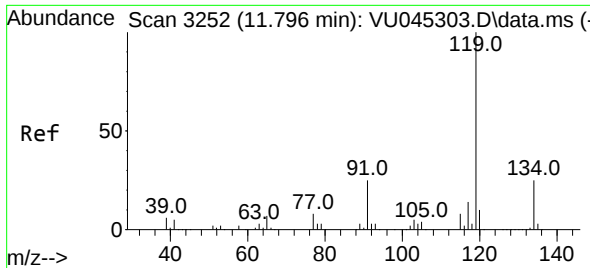


#80
 Nitrobenzene
 Concen: 0.908 ug/l
 RT: 13.221 min Scan# 3695
 Delta R.T. 0.010 min
 Lab File: VU045311.D
 Acq: 13 Oct 2021 16:41



Tgt Ion: 77 Resp: 293
 Ion Ratio Lower Upper
 77 100
 123 0.0 18.2 64.4#
 65 0.0 12.0 15.2#





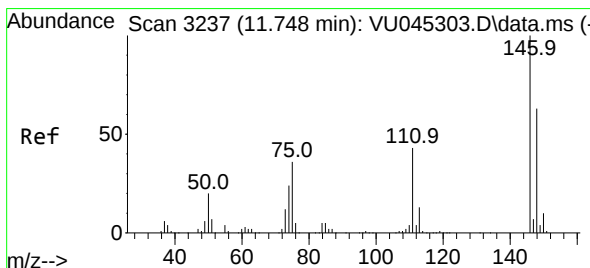
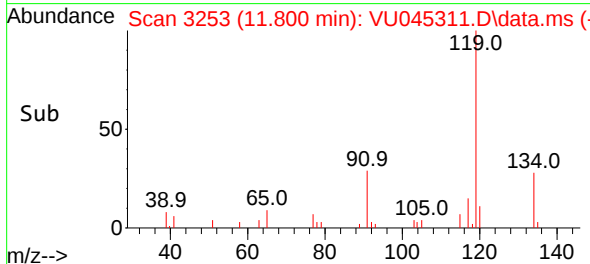
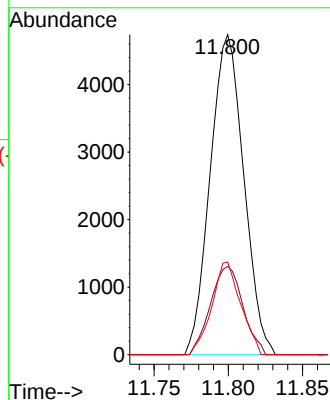
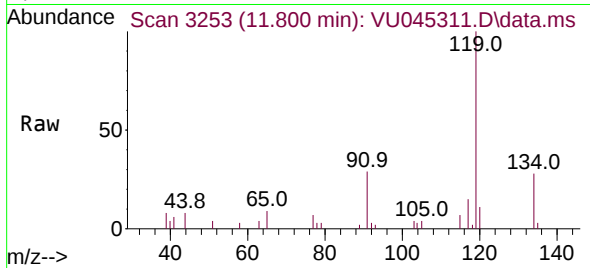
#81
p-Isopropyltoluene
Concen: 0.157 ug/l
RT: 11.800 min Scan# 3253
Delta R.T. 0.003 min
Lab File: VU045311.D
Acq: 13 Oct 2021 16:41

Tgt Ion:	119	Resp:	7444
Ion Ratio	Lower	Upper	
119	100		
134	26.7	20.2	30.4
91	25.0	19.9	29.9

Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021

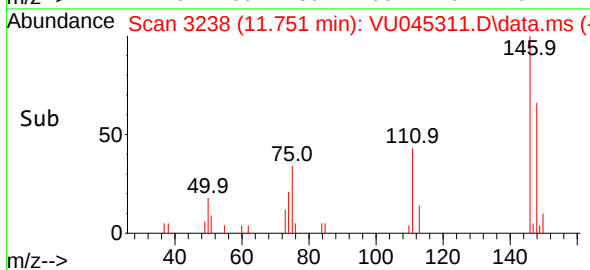
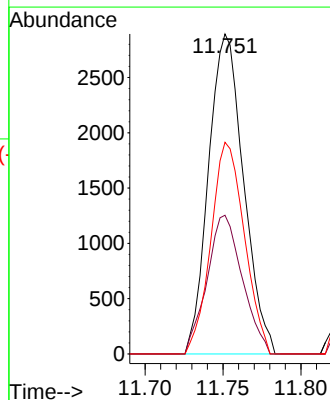
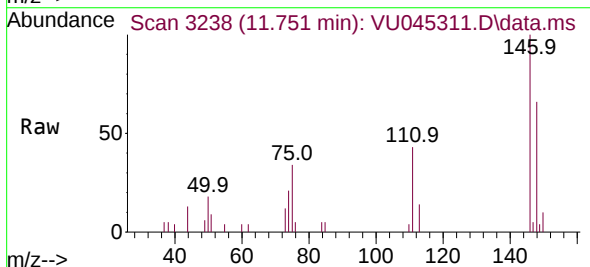
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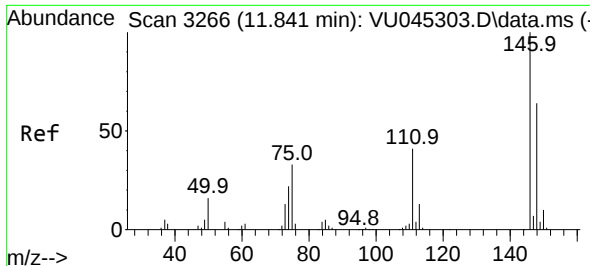
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#82
1,3-Dichlorobenzene
Concen: 0.193 ug/l
RT: 11.751 min Scan# 3238
Delta R.T. 0.003 min
Lab File: VU045311.D
Acq: 13 Oct 2021 16:41

Tgt Ion:	146	Resp:	4517
Ion Ratio	Lower	Upper	
146	100		
111	43.7	33.9	50.9
148	63.3	50.9	76.3





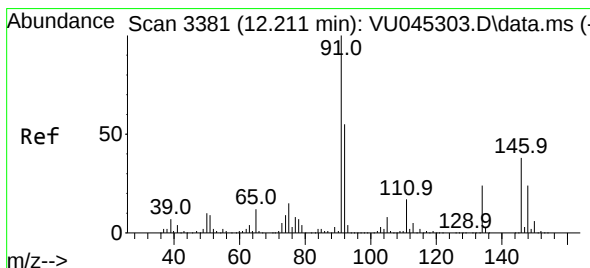
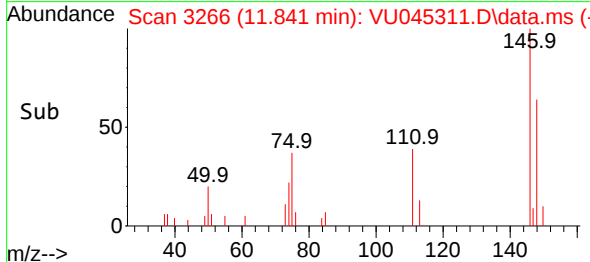
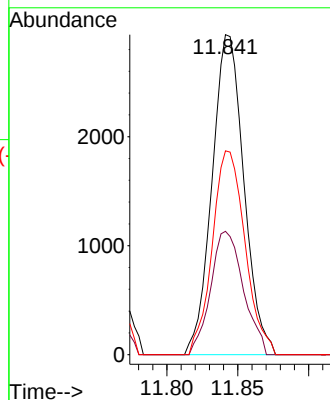
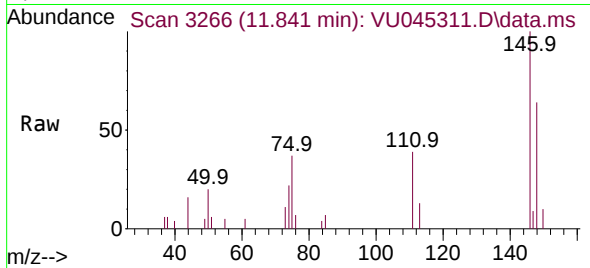
#83
1,4-Dichlorobenzene
Concen: 0.198 ug/l
RT: 11.841 min Scan# 3266
Delta R.T. 0.000 min
Lab File: VU045311.D
Acq: 13 Oct 2021 16:41

Tgt Ion: 146 Resp: 4587
Ion Ratio Lower Upper
146 100
111 39.7 32.7 49.1
148 65.6 51.4 77.0

Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021

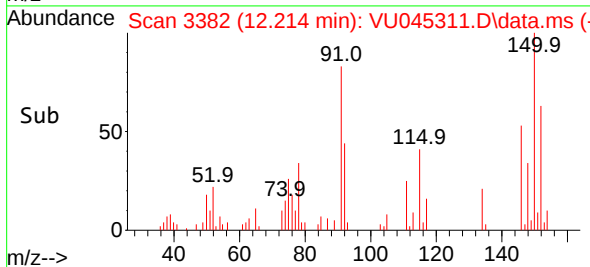
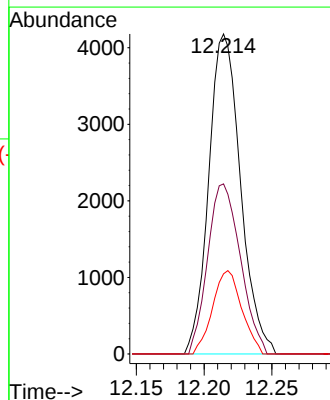
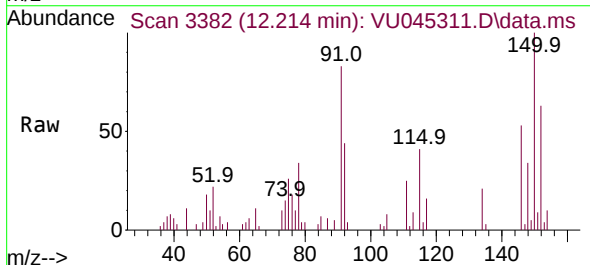
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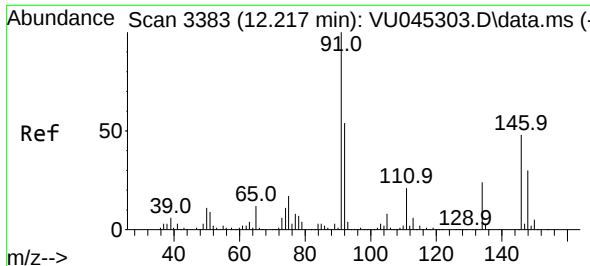
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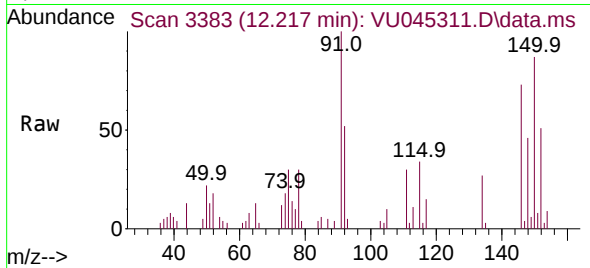
#84
n-Butylbenzene
Concen: 0.151 ug/l
RT: 12.214 min Scan# 3382
Delta R.T. 0.003 min
Lab File: VU045311.D
Acq: 13 Oct 2021 16:41

Tgt Ion: 91 Resp: 6818
Ion Ratio Lower Upper
91 100
92 54.8 43.5 65.3
134 23.9 19.0 28.4

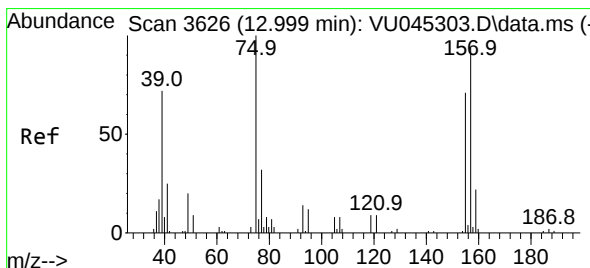
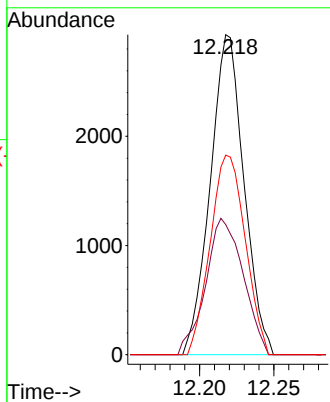
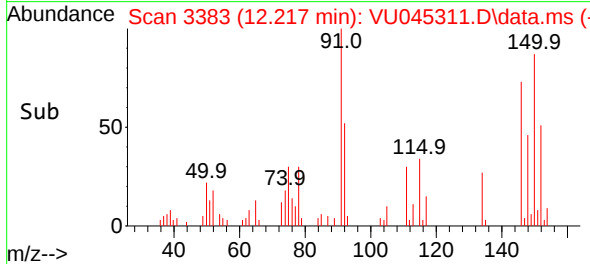




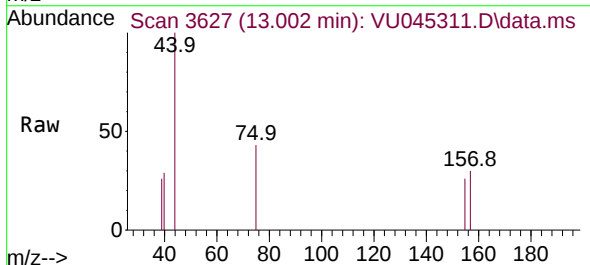
#85
1,2-Dichlorobenzene
Concen: 0.208 ug/l
RT: 12.217 min Scan# 3383
Delta R.T. 0.000 min
Lab File: VU045311.D
Acq: 13 Oct 2021 16:41



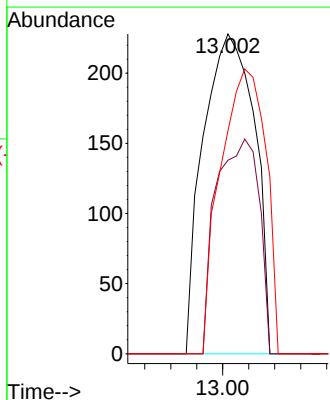
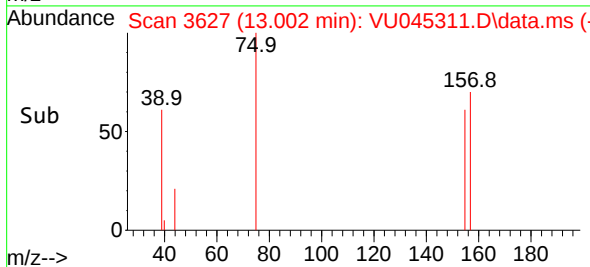
Tgt Ion: 146 Resp: 4621
Ion Ratio Lower Upper
146 100
111 47.4 22.1 66.1
148 64.9 31.6 94.7



#86
1,2-Dibromo-3-Chloropropane
Concen: 0.166 ug/l
RT: 13.002 min Scan# 3627
Delta R.T. 0.003 min
Lab File: VU045311.D
Acq: 13 Oct 2021 16:41



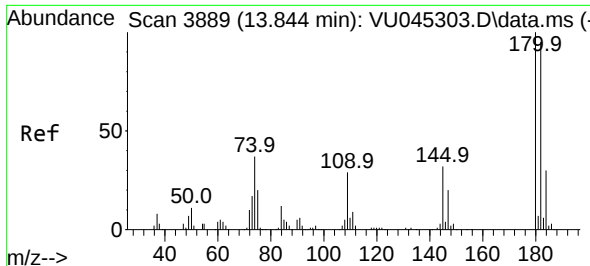
Tgt Ion: 75 Resp: 312
Ion Ratio Lower Upper
75 100
155 56.4 57.8 86.8#
157 78.5 75.1 112.7



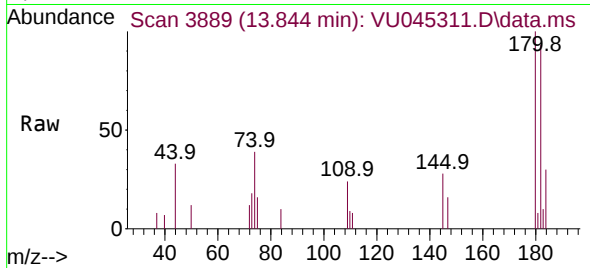
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021

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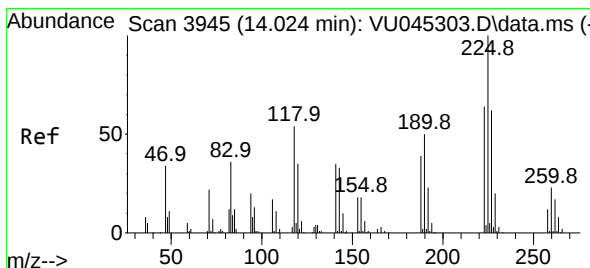
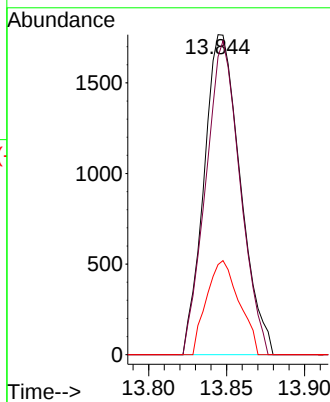
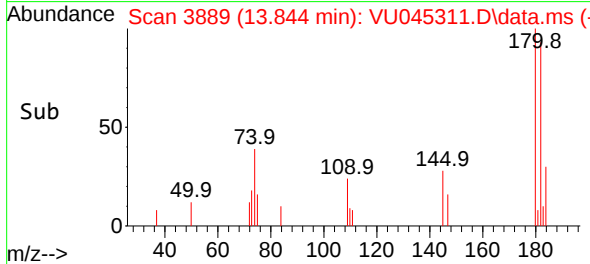
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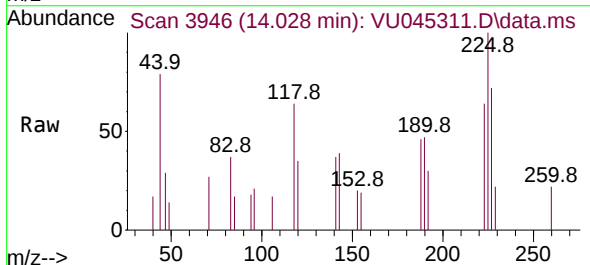
#87
1,2,4-Trichlorobenzene
Concen: 0.209 ug/l
RT: 13.844 min Scan# 3889
Delta R.T. 0.000 min
Lab File: VU045311.D
Acq: 13 Oct 2021 16:41



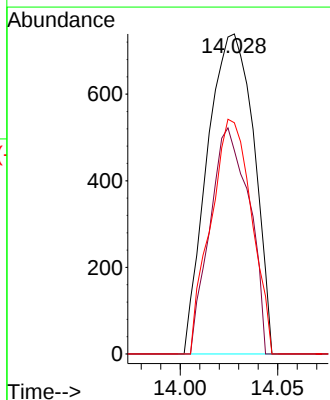
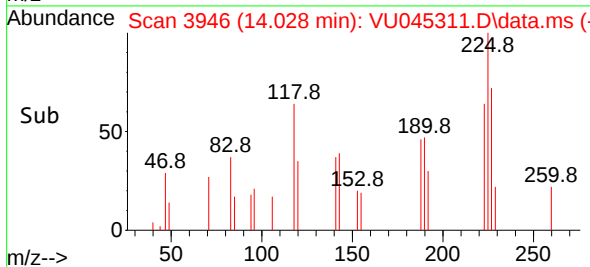
Tgt Ion:180 Resp: 2858
Ion Ratio Lower Upper
180 100
182 92.6 75.8 113.8
145 26.3 25.3 37.9



#88
Hexachlorobutadiene
Concen: 0.192 ug/l
RT: 14.028 min Scan# 3946
Delta R.T. 0.004 min
Lab File: VU045311.D
Acq: 13 Oct 2021 16:41



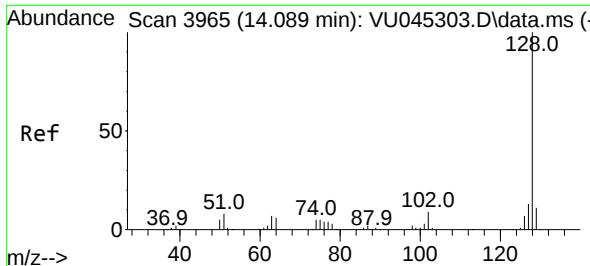
Tgt Ion:225 Resp: 1229
Ion Ratio Lower Upper
225 100
223 59.7 51.1 76.7
227 64.3 49.9 74.9



Instrument :
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ClientSampleId :
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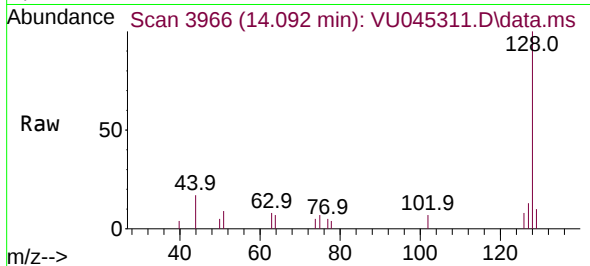
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#89
Naphthalene
Concen: 0.215 ug/l
RT: 14.092 min Scan# 3966
Delta R.T. 0.003 min
Lab File: VU045311.D
Acq: 13 Oct 2021 16:41

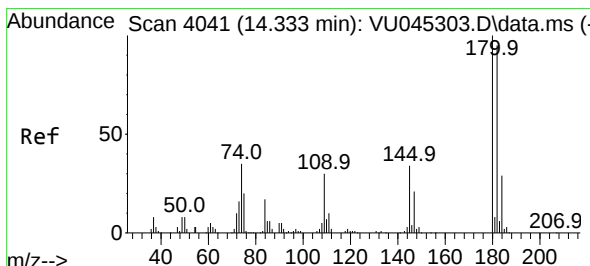
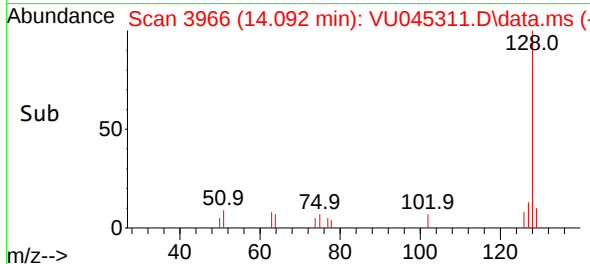
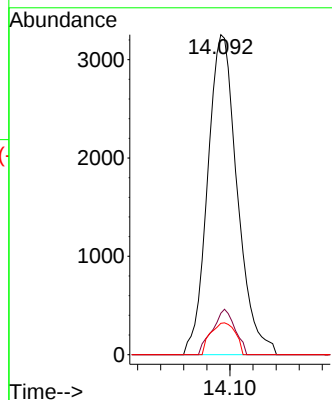
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



Tgt Ion:128 Resp: 5792
Ion Ratio Lower Upper
128 100
127 10.9 10.6 16.0
129 8.3 8.6 13.0#

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#90
1,2,3-Trichlorobenzene
Concen: 0.204 ug/l
RT: 14.333 min Scan# 4041
Delta R.T. 0.000 min
Lab File: VU045311.D
Acq: 13 Oct 2021 16:41

Tgt Ion:180 Resp: 2597
Ion Ratio Lower Upper
180 100
182 96.5 75.4 113.0
145 29.0 27.0 40.4

