

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031821\
 Data File : VU042707.D
 Acq On : 18 Mar 2021 14:01
 Operator : SY/MD
 Sample : M1458-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-03-QT1-2021

Manual Integrations
 APPROVED

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 3/25/2021 1:09:01 PM

Quant Time: Mar 19 02:26:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U031721DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Mar 18 07:25:09 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.121	96	15578	1.00	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.642	95	6247	0.90	ug/l	0.00
Spiked Amount 1.000			Recovery	=	90.00%	
68) 1,2-Dichlorobenzene-d4	12.201	152	6535	0.89	ug/l	0.00
Spiked Amount 1.000			Recovery	=	89.00%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	5317	0.88	ug/l	93
3) Chloromethane	1.526	50	5087	0.89	ug/l	97
4) Vinyl Chloride	1.607	62	4570	0.83	ug/l	90
5) Bromomethane	1.858	94	3343	0.92	ug/l	94
6) Chloroethane	1.935	64	3937	1.04	ug/l	98
7) Trichlorofluoromethane	2.141	101	8601	0.91	ug/l	95
8) 1,1,2-Trichloro-1,2,2-...	2.587	101	3988	0.84	ug/l	94
9) 1,1-Dichloroethene	2.584	96	3650	0.89	ug/l	87
10) Iodomethane	2.729	142	5655	0.88	ug/l	100
11) Allyl Chloride	2.932	41	6489	0.83	ug/l	94
12) Acrylonitrile	3.333	53	1712	1.44	ug/l	# 78
13) Acetone	2.645	43	4150	4.49	ug/l	93
14) Carbon Disulfide	2.797	76	10881	0.85	ug/l	99
15) Methylene Chloride	3.054	84	5306	1.07	ug/l	96
16) trans-1,2-Dichloroethene	3.359	96	3821	0.86	ug/l	92
17) 1,1-Dichloroethane	3.883	63	7659	0.84	ug/l	# 94
18) 2-Butanone	4.742	43	6994	4.12	ug/l	99
19) Cyclohexane	5.391	56	6981m	0.90	ug/l	
20) Methylcyclohexane	6.771	83	4896	0.73	ug/l	96
21) 2,2-Dichloropropane	4.677	77	7238	0.87	ug/l	96
22) cis-1,2-Dichloroethene	4.681	96	4367	0.88	ug/l	98
23) Diethyl Ether	2.385	59	3201	0.92	ug/l	95
24) tert-Butyl Alcohol	3.221	59	2503m	10.18	ug/l	
25) Methyl tert-Butyl Ether	3.382	73	10513	0.87	ug/l	98
26) Bromochloromethane	4.986	128	2194	0.92	ug/l	97
27) Chloroform	5.099	83	8384	0.88	ug/l	96
28) 1,1,1-Trichloroethane	5.321	97	7540	0.88	ug/l	96
29) 1,1-Dichloropropene	5.529	75	5057	0.84	ug/l	95
30) Carbon Tetrachloride	5.529	117	5631	0.84	ug/l	97
31) Isopropyl Ether	4.015	45	13872	0.85	ug/l	96
32) Ethyl-t-butyl ether	4.523	59	12433	0.86	ug/l	98
33) Tert-Amyl methyl ether	5.964	73	8628	0.82	ug/l	96
34) Propionitrile	4.806	54	1445	3.87	ug/l	# 92
35) Benzene	5.780	78	14427	0.85	ug/l	99
36) 1,2-Dichloroethane	5.809	62	5504	0.84	ug/l	# 94
37) Trichloroethene	6.549	130	4048	0.89	ug/l	94
38) 1,2-Dichloropropane	6.803	63	3912	0.80	ug/l	98
39) Methacrylonitrile	5.005	41	2116m	0.90	ug/l	
40) Methyl acrylate	4.874	55	2923	0.95	ug/l	# 76
41) Tetrahydrofuran	5.086	42	1868	1.60	ug/l	92
42) 1-Chlorobutane	5.465	56	7281	0.82	ug/l	100
43) Dibromomethane	6.928	93	2208	0.83	ug/l	92
44) Bromodichloromethane	7.118	83	4852	0.78	ug/l	96

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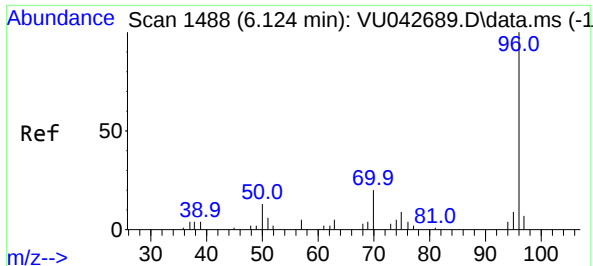
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.816	43	15539	3.88	ug/l	95
46) t-1,4-Dichloro-2-butene	10.841	75	1838m	2.32	ug/l	
47) Methyl methacrylate	6.983	69	3381	1.45	ug/l	91
48) Ethyl methacrylate	8.349	69	3418	0.74	ug/l	97
49) Toluene	7.980	92	7720	0.74	ug/l	95
50) t-1,3-Dichloropropene	8.224	75	4281	0.76	ug/l	96
51) cis-1,3-Dichloropropene	7.619	75	4725	0.76	ug/l	91
52) 1,1,2-Trichloroethane	8.414	97	3035	0.82	ug/l #	84
53) 1,3-Dichloropropane	8.587	76	5247	0.83	ug/l	98
54) 2-Hexanone	8.703	43	10372	3.63	ug/l	93
55) Dibromochloromethane	8.819	129	3177	0.73	ug/l	94
56) 1,2-Dibromoethane	8.935	107	2827	0.77	ug/l	94
58) Tetrachloroethene	8.558	164	3963	0.80	ug/l	93
59) Chlorobenzene	9.455	112	9667	0.82	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.542	131	3794	0.82	ug/l	97
61) Pentachloroethane	11.436	117	3082	0.86	ug/l	82
62) Hexachloroethane	12.484	117	2593	0.70	ug/l	96
63) Ethyl Benzene	9.578	91	14959	0.74	ug/l	97
64) m/p-Xylenes	9.703	106	10574	1.36	ug/l	96
65) o-Xylene	10.108	106	5643	0.75	ug/l	94
66) Styrene	10.124	104	8793	0.68	ug/l	97
67) Bromoform	10.301	173	2014	0.71	ug/l #	93
69) Isopropylbenzene	10.494	105	14763	0.72	ug/l	96
70) 1,1,2,2-Tetrachloroethane	10.790	83	3483	0.72	ug/l	99
71) 1,2,3-Trichloropropane	10.835	75	3453m	0.90	ug/l	
72) Bromobenzene	10.793	156	4195	0.73	ug/l	95
73) n-propylbenzene	10.915	120	3739	0.65	ug/l	89
74) 2-Chlorotoluene	10.996	126	3745	0.72	ug/l	89
75) 1,3,5-Trimethylbenzene	11.098	105	12264	0.67	ug/l	94
76) 4-Chlorotoluene	11.108	126	3727	0.68	ug/l	88
77) tert-Butylbenzene	11.430	119	12994	0.72	ug/l	97
78) 1,2,4-Trimethylbenzene	11.478	105	12661	0.67	ug/l	96
79) sec-Butylbenzene	11.651	105	16400	0.67	ug/l	99
80) Nitrobenzene	13.221	77	129	5.35	ug/l #	42
81) p-Isopropyltoluene	11.803	119	13210	0.64	ug/l	99
82) 1,3-Dichlorobenzene	11.754	146	8966	0.78	ug/l	96
83) 1,4-Dichlorobenzene	11.844	146	8596	0.75	ug/l	97
84) n-Butylbenzene	12.217	91	11992	0.61	ug/l	99
85) 1,2-Dichlorobenzene	12.224	146	7909	0.70	ug/l	94
86) 1,2-Dibromo-3-Chloropr...	13.008	75	560	0.62	ug/l #	82
87) 1,2,4-Trichlorobenzene	13.854	180	5111	0.68	ug/l	94
88) Hexachlorobutadiene	14.031	225	3594	0.71	ug/l	97
89) Naphthalene	14.098	128	6991	1.25	ug/l	97
90) 1,2,3-Trichlorobenzene	14.339	180	4677	0.65	ug/l	97

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



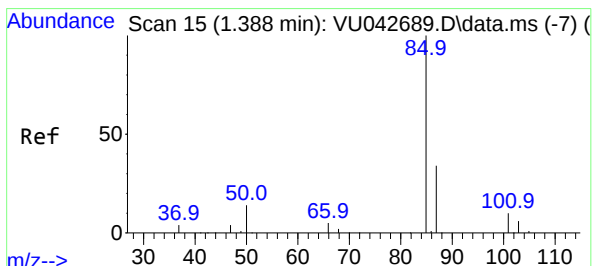
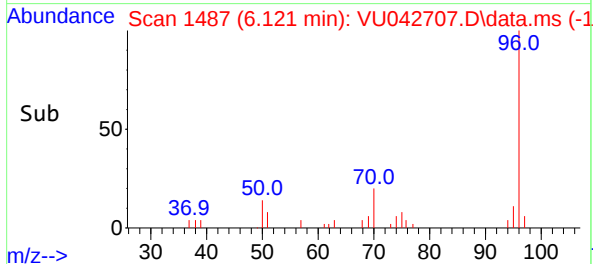
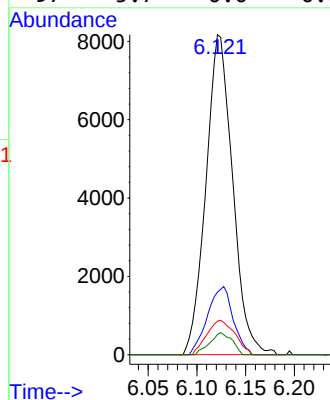
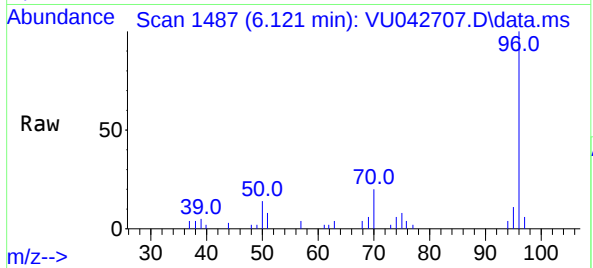
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Fluorobenzene
Concen: 1.00 ug/l
RT: 6.121 min Scan# 1487
Delta R.T. -0.003 min
Lab File: VU042707.D
Acq: 18 Mar 2021 14:01

Tgt Ion:	96	Resp:	15578
Ion	Ratio	Lower	Upper
96	100		
70	20.3	17.2	25.8
95	11.3	8.0	12.0
97	5.7	0.0	0.0#

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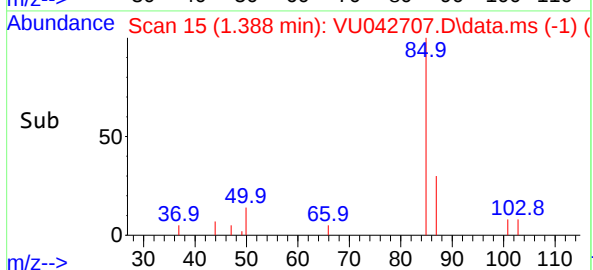
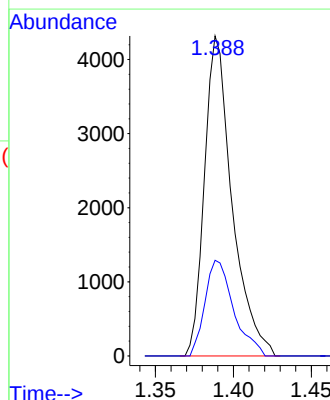
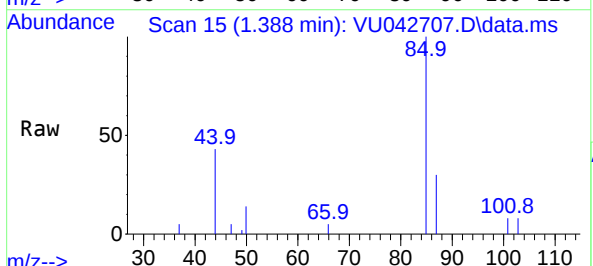
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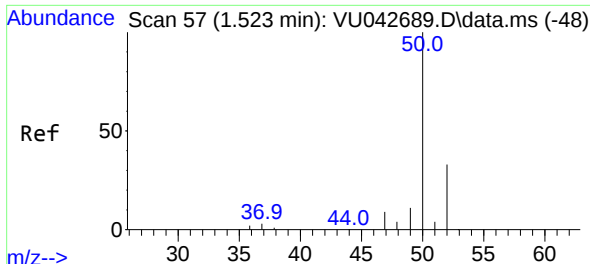
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#2
Dichlorodifluoromethane
Concen: 0.88 ug/l
RT: 1.388 min Scan# 15
Delta R.T. -0.000 min
Lab File: VU042707.D
Acq: 18 Mar 2021 14:01

Tgt Ion:	85	Resp:	5317
Ion	Ratio	Lower	Upper
85	100		
87	29.9	17.0	50.9





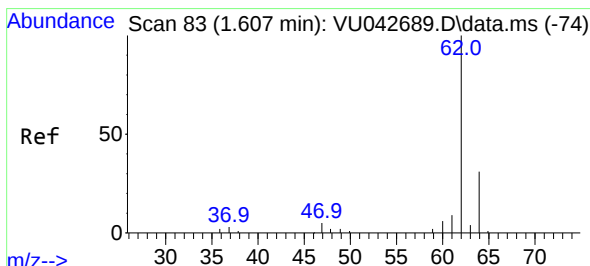
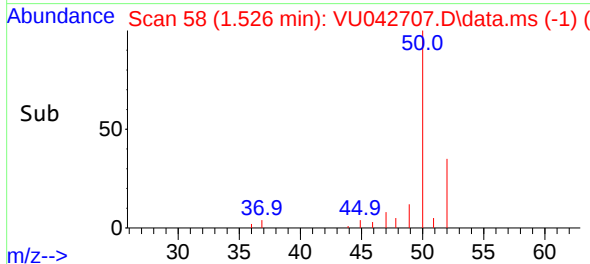
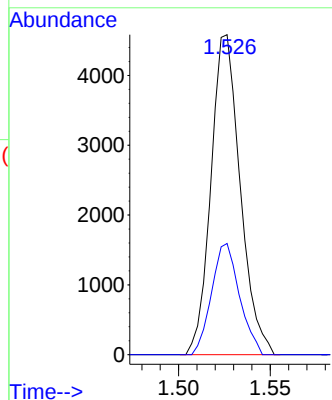
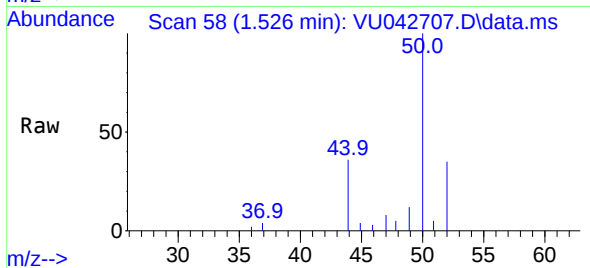
#3
Chloromethane
Concen: 0.89 ug/l
RT: 1.526 min Scan# 58
Delta R.T. 0.003 min
Lab File: VU042707.D
Acq: 18 Mar 2021 14:01

Tgt Ion: 50 Resp: 5087
Ion Ratio Lower Upper
50 100
52 34.7 26.6 40.0

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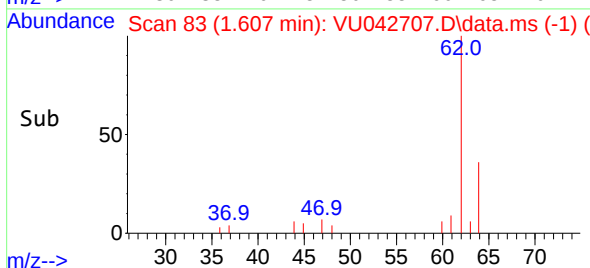
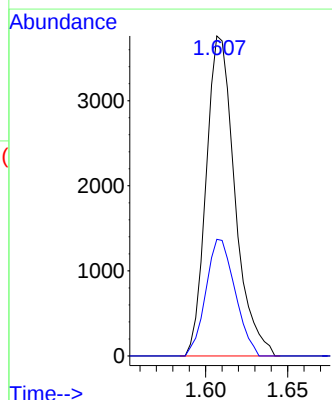
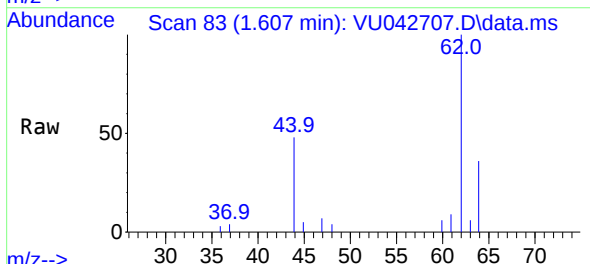
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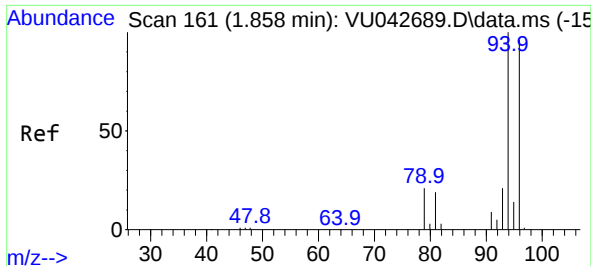
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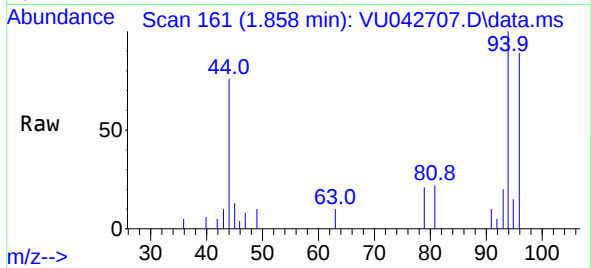
#4
Vinyl Chloride
Concen: 0.83 ug/l
RT: 1.607 min Scan# 83
Delta R.T. -0.000 min
Lab File: VU042707.D
Acq: 18 Mar 2021 14:01

Tgt Ion: 62 Resp: 4570
Ion Ratio Lower Upper
62 100
64 36.4 24.6 36.8

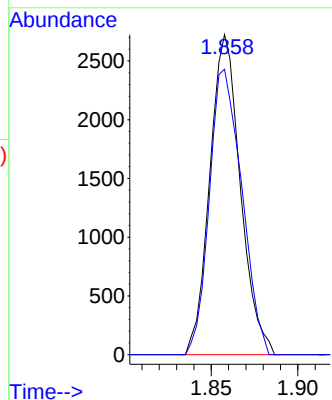
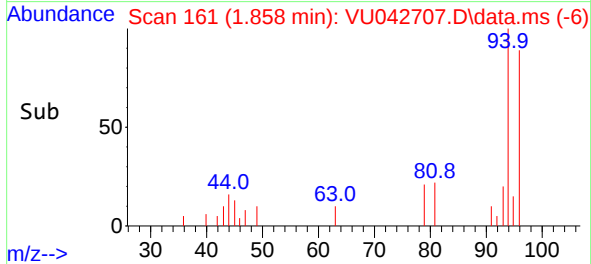




#5
Bromomethane
Concen: 0.92 ug/l
RT: 1.858 min Scan# 161
Delta R.T. -0.000 min
Lab File: VU042707.D
Acq: 18 Mar 2021 14:01



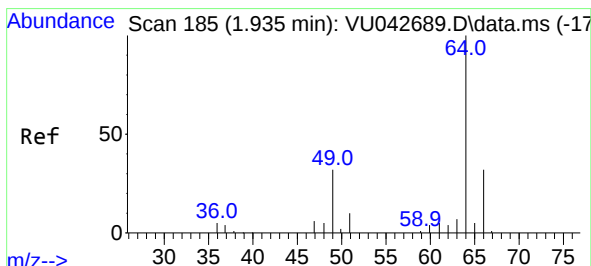
Tgt Ion: 94 Resp: 3343
Ion Ratio Lower Upper
94 100
96 89.2 76.4 114.6



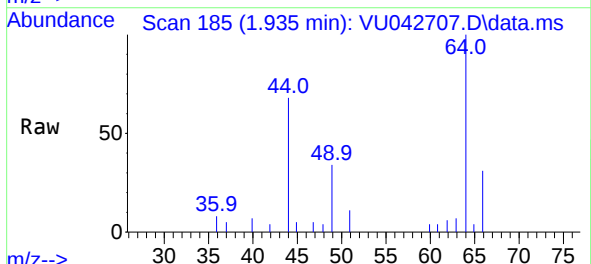
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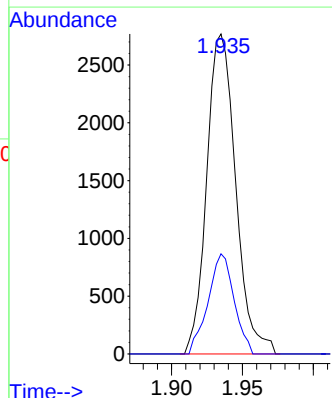
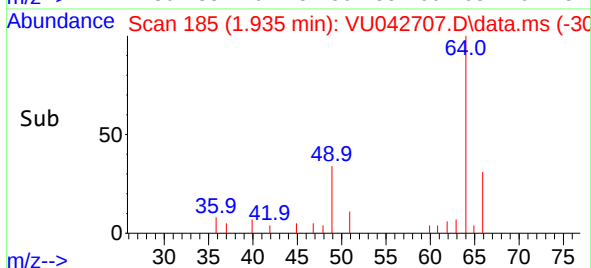
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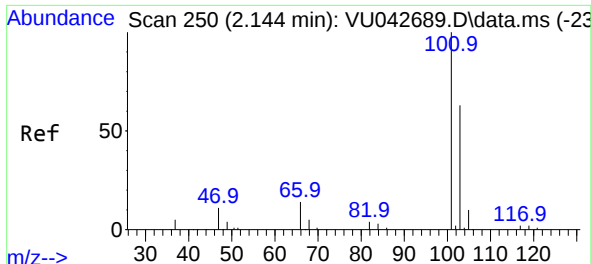


#6
Chloroethane
Concen: 1.04 ug/l
RT: 1.935 min Scan# 185
Delta R.T. -0.000 min
Lab File: VU042707.D
Acq: 18 Mar 2021 14:01



Tgt Ion: 64 Resp: 3937
Ion Ratio Lower Upper
64 100
66 31.3 25.8 38.6





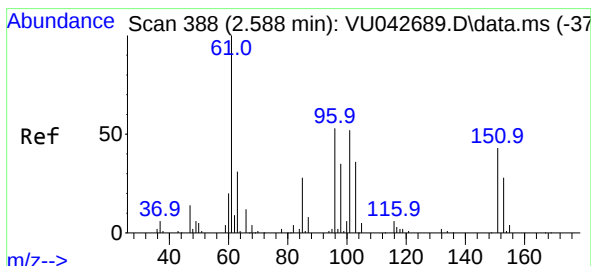
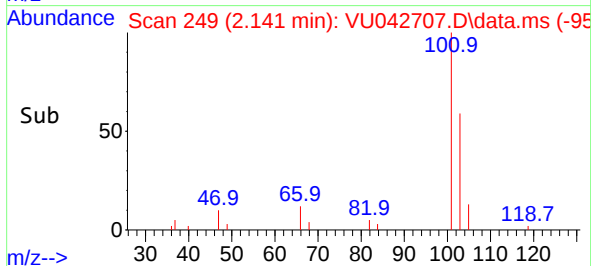
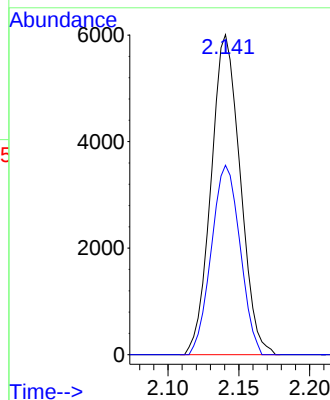
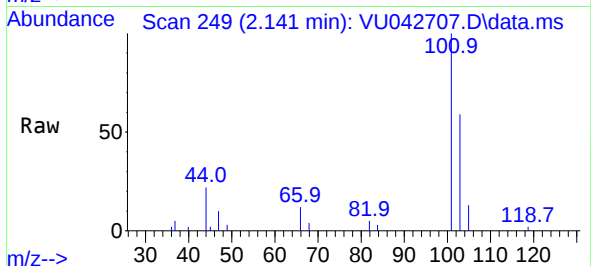
#7
Trichlorofluoromethane
Concen: 0.91 ug/l
RT: 2.141 min Scan# 249
Delta R.T. -0.003 min
Lab File: VU042707.D
Acq: 18 Mar 2021 14:01

Tgt Ion:101 Resp: 8601
Ion Ratio Lower Upper
101 100
103 59.2 50.7 76.1

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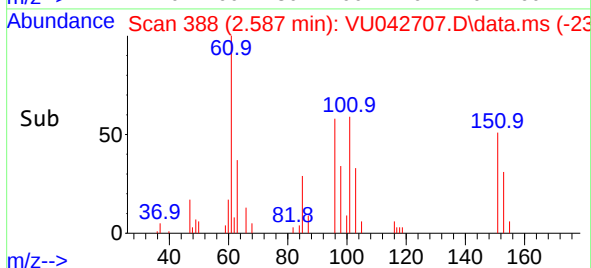
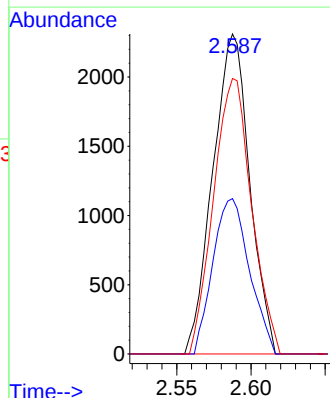
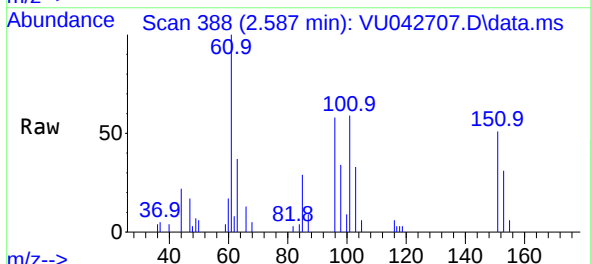
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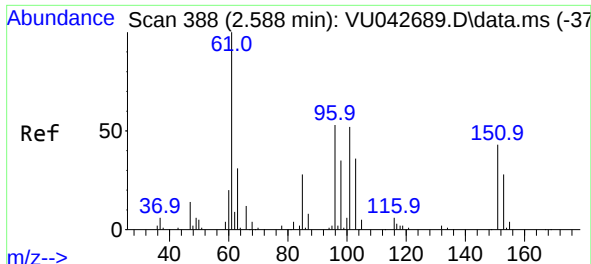
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#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.84 ug/l
RT: 2.587 min Scan# 388
Delta R.T. -0.000 min
Lab File: VU042707.D
Acq: 18 Mar 2021 14:01

Tgt Ion:101 Resp: 3988
Ion Ratio Lower Upper
101 100
85 48.2 39.7 59.5
151 88.7 65.0 97.6





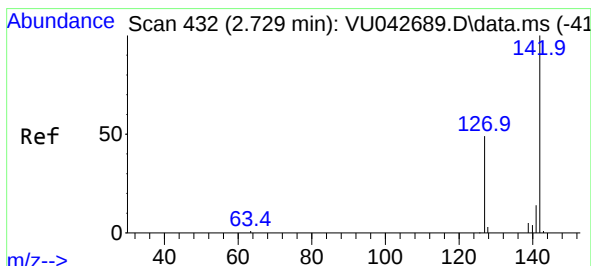
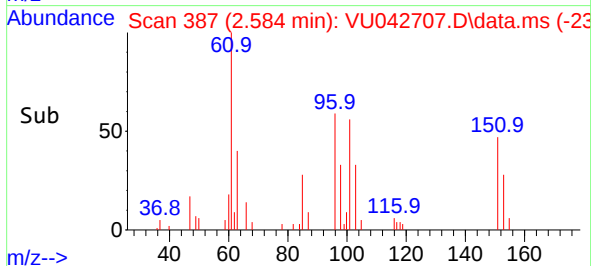
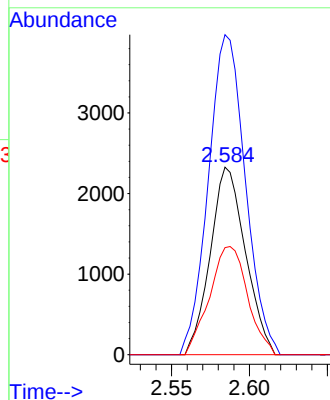
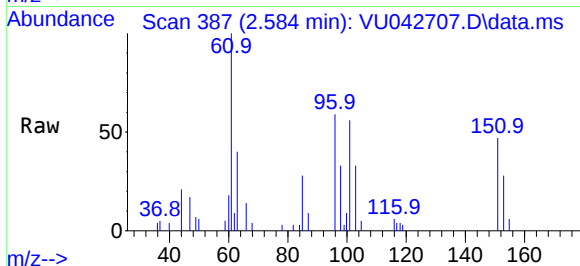
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1,1-Dichloroethene
Concen: 0.89 ug/l
RT: 2.584 min Scan# 387
Delta R.T. -0.003 min
Lab File: VU042707.D
Acq: 18 Mar 2021 14:01

Tgt Ion:	96	Resp:	3650
Ion	Ratio	Lower	Upper
96	100		
61	170.7	0.0	569.1
98	57.1	0.0	133.6

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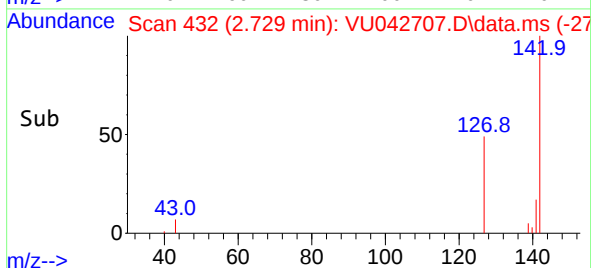
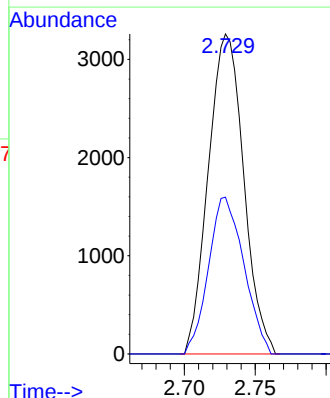
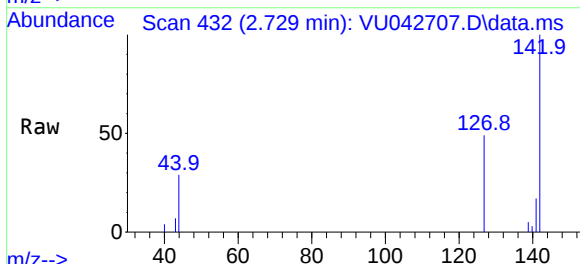
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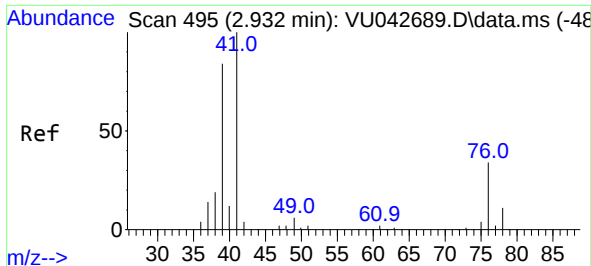
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#10
Iodomethane
Concen: 0.88 ug/l
RT: 2.729 min Scan# 432
Delta R.T. -0.000 min
Lab File: VU042707.D
Acq: 18 Mar 2021 14:01

Tgt Ion:	142	Resp:	5655
Ion	Ratio	Lower	Upper
142	100		
127	48.9	39.4	59.0





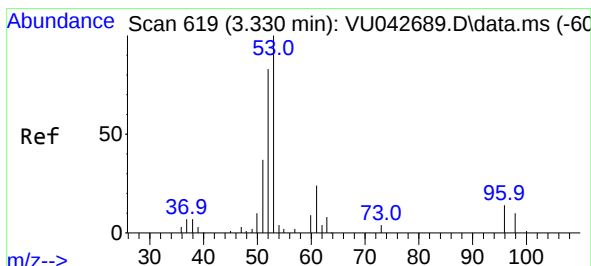
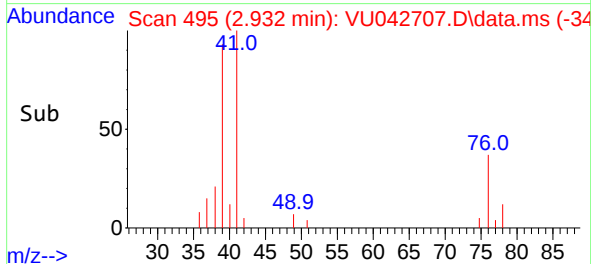
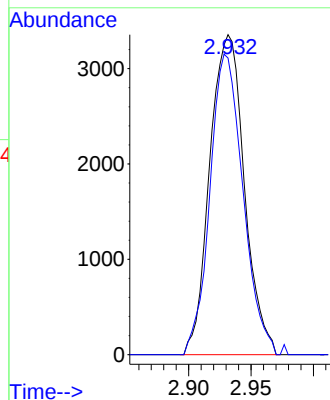
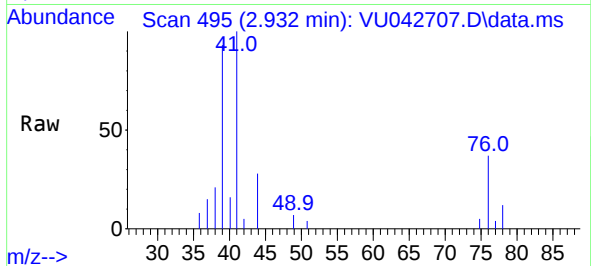
#11
 Allyl Chloride
 Concen: 0.83 ug/l
 RT: 2.932 min Scan# 495
 Delta R.T. -0.000 min
 Lab File: VU042707.D
 Acq: 18 Mar 2021 14:01

Tgt Ion: 41 Resp: 6489
 Ion Ratio Lower Upper
 41 100
 39 89.8 67.8 101.6

Instrument :
 MSVOA_U
 ClientSampleId :
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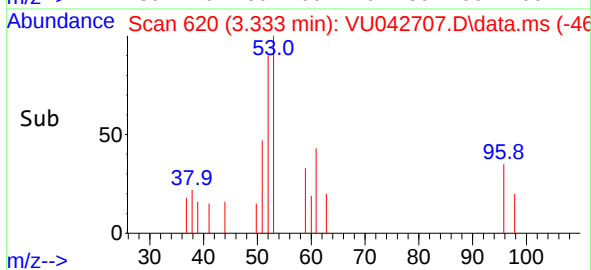
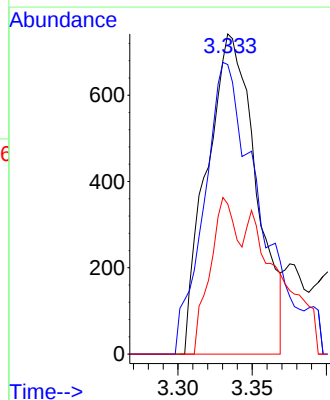
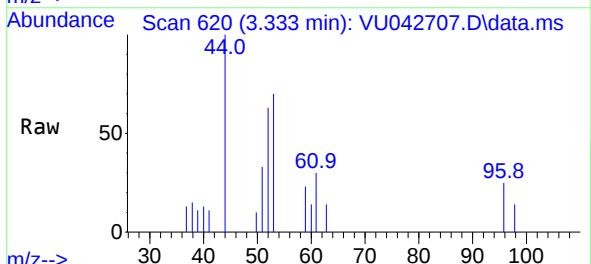
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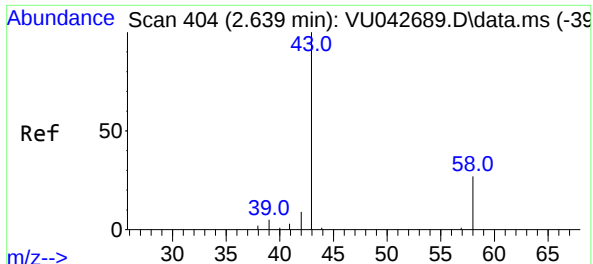
MMDadoda
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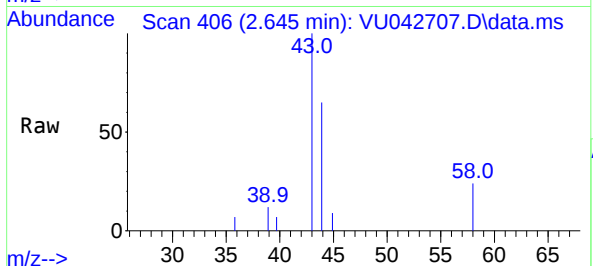
#12
 Acrylonitrile
 Concen: 1.44 ug/l
 RT: 3.333 min Scan# 620
 Delta R.T. 0.003 min
 Lab File: VU042707.D
 Acq: 18 Mar 2021 14:01

Tgt Ion: 53 Resp: 1712
 Ion Ratio Lower Upper
 53 100
 52 101.1 65.8 98.8#
 51 28.2 35.2 52.8#

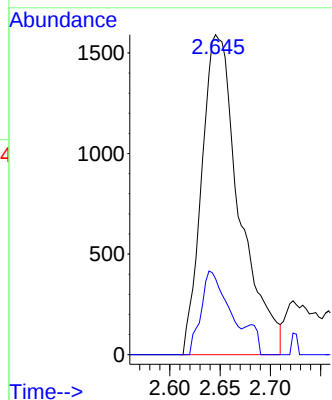




#13
Acetone
Concen: 4.49 ug/l
RT: 2.645 min Scan# 406
Delta R.T. 0.006 min
Lab File: VU042707.D
Acq: 18 Mar 2021 14:01



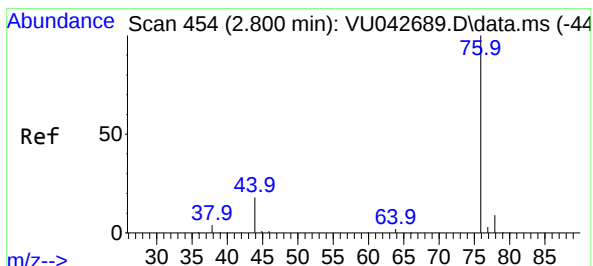
Tgt Ion: 43 Resp: 4150
Ion Ratio Lower Upper
43 100
58 23.8 21.9 32.9



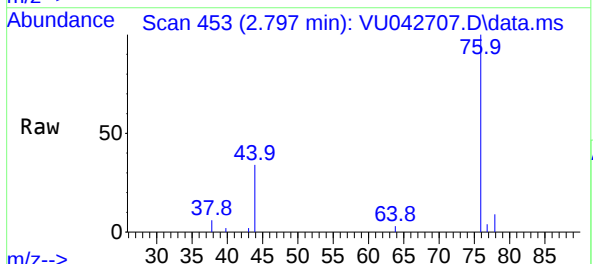
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT1-2021

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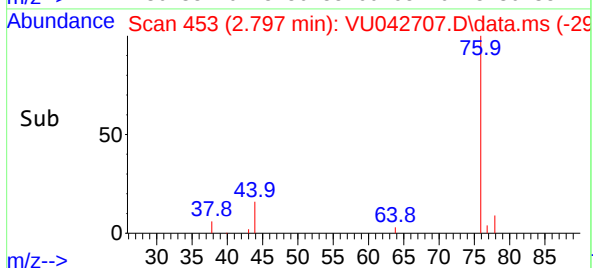
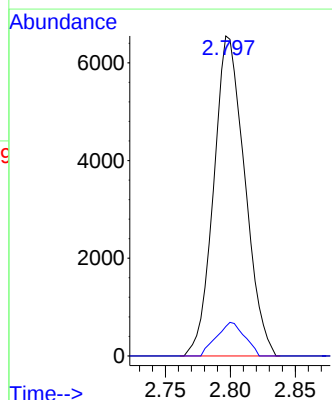
MMDadoda
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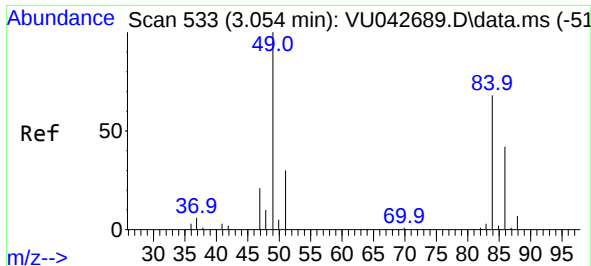


#14
Carbon Disulfide
Concen: 0.85 ug/l
RT: 2.797 min Scan# 453
Delta R.T. -0.003 min
Lab File: VU042707.D
Acq: 18 Mar 2021 14:01



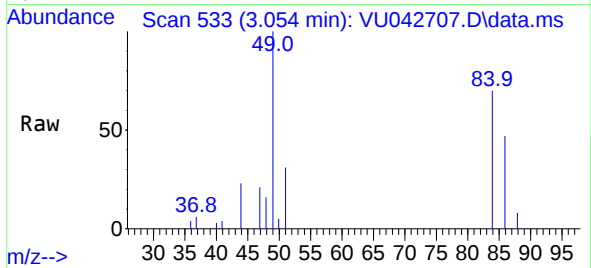
Tgt Ion: 76 Resp: 10881
Ion Ratio Lower Upper
76 100
78 9.2 7.0 10.6





#15
Methylene Chloride
Concen: 1.07 ug/l
RT: 3.054 min Scan# 533
Delta R.T. -0.000 min
Lab File: VU042707.D
Acq: 18 Mar 2021 14:01

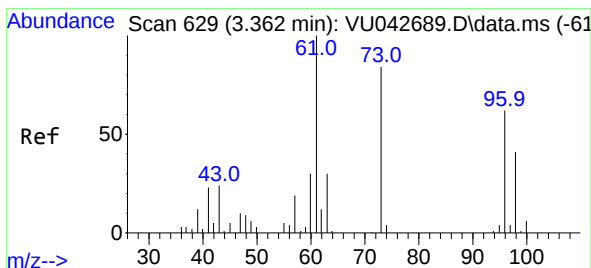
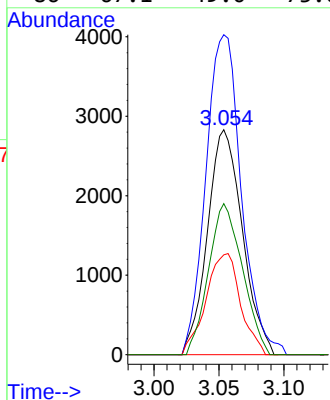
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT1-2021



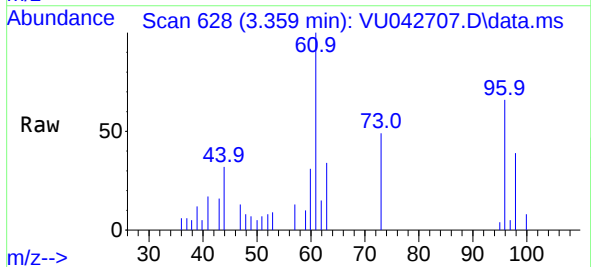
Tgt Ion:	84	Resp:	5306
Ion	Ratio	Lower	Upper
84	100		
49	142.3	117.4	176.0
51	44.4	0.0	88.6
86	67.1	49.0	73.6

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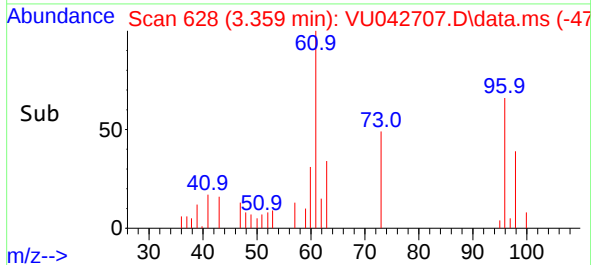
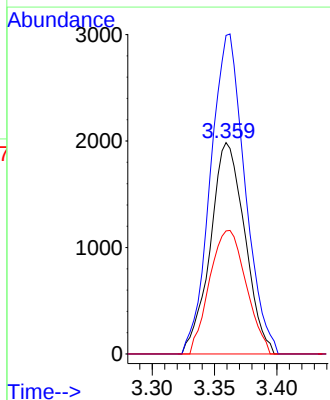
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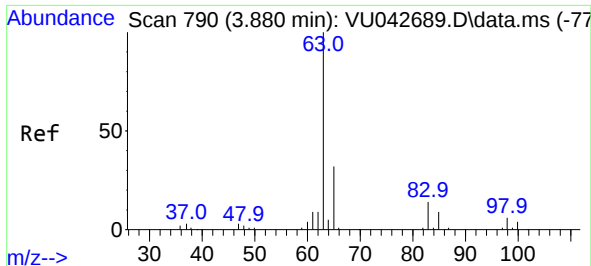


#16
trans-1,2-Dichloroethene
Concen: 0.86 ug/l
RT: 3.359 min Scan# 628
Delta R.T. -0.003 min
Lab File: VU042707.D
Acq: 18 Mar 2021 14:01



Tgt Ion:	96	Resp:	3821
Ion	Ratio	Lower	Upper
96	100		
61	150.8	128.6	192.8
98	58.2	53.4	80.0





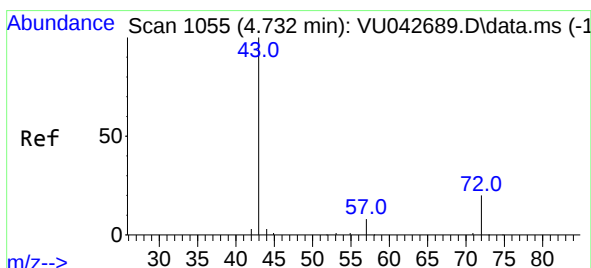
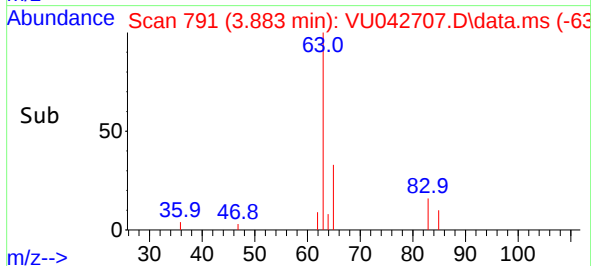
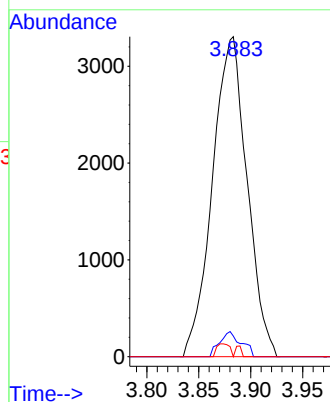
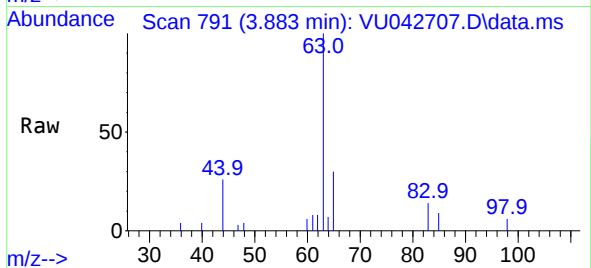
#17
1,1-Dichloroethane
Concen: 0.84 ug/l
RT: 3.883 min Scan# 791
Delta R.T. 0.003 min
Lab File: VU042707.D
Acq: 18 Mar 2021 14:01

Tgt Ion: 63 Resp: 7659
Ion Ratio Lower Upper
63 100
98 6.4 2.9 8.8
100 0.0 2.1 6.2#

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT1-2021

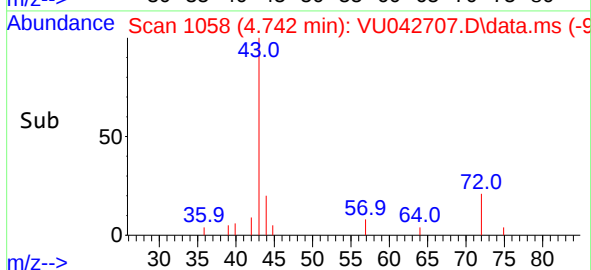
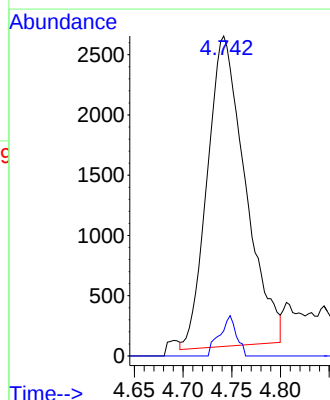
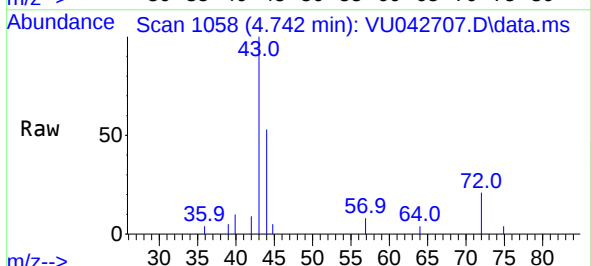
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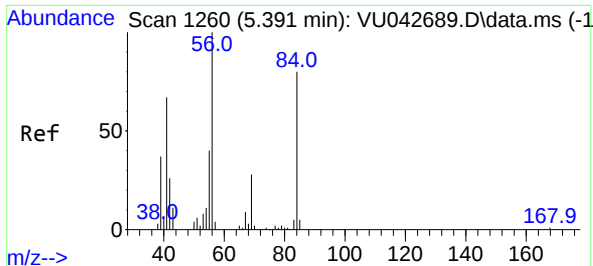
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#18
2-Butanone
Concen: 4.12 ug/l
RT: 4.742 min Scan# 1058
Delta R.T. 0.010 min
Lab File: VU042707.D
Acq: 18 Mar 2021 14:01

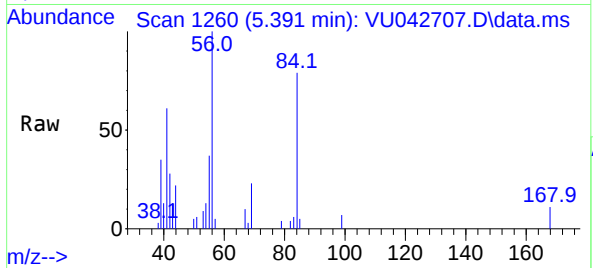
Tgt Ion: 43 Resp: 6994
Ion Ratio Lower Upper
43 100
57 8.2 0.0 15.4





#19
Cyclohexane
Concen: 0.90 ug/l m
RT: 5.391 min Scan# 1260
Delta R.T. -0.000 min
Lab File: VU042707.D
Acq: 18 Mar 2021 14:01

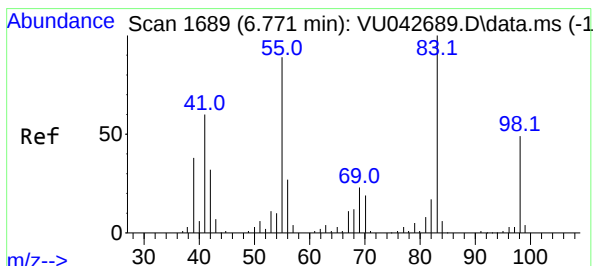
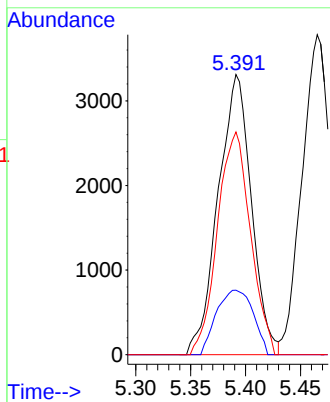
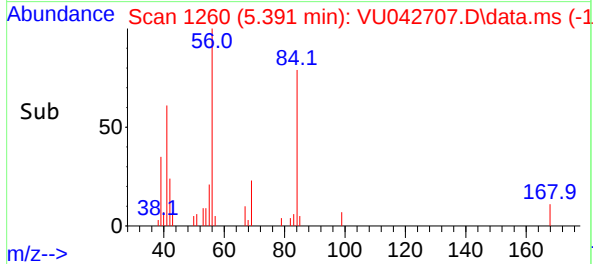
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT1-2021



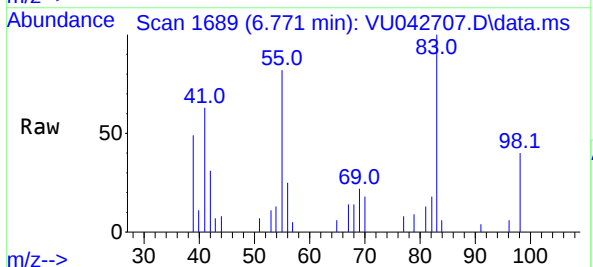
Tgt Ion: 56 Resp: 6981
Ion Ratio Lower Upper
56 100
69 25.3 22.9 34.3
84 78.9 63.0 94.6

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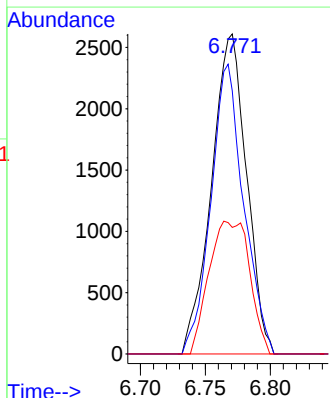
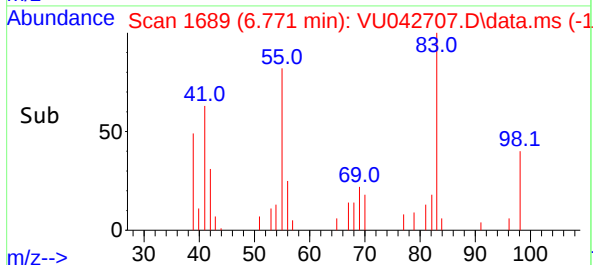
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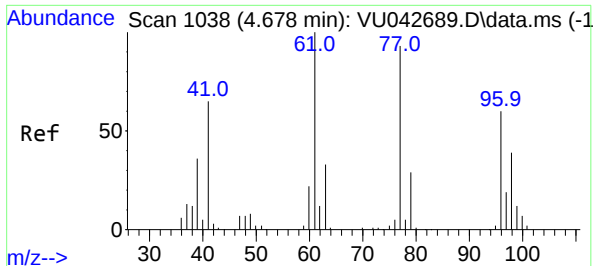


#20
Methylcyclohexane
Concen: 0.73 ug/l
RT: 6.771 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VU042707.D
Acq: 18 Mar 2021 14:01



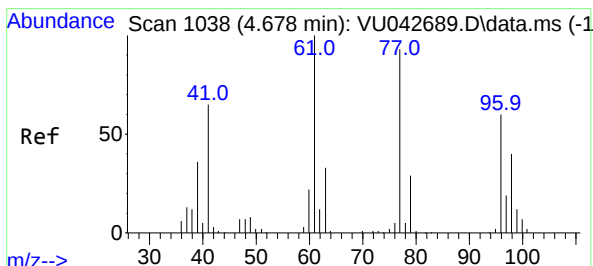
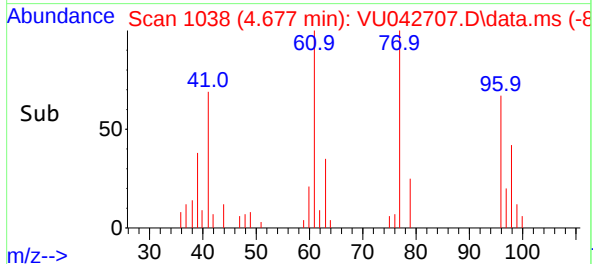
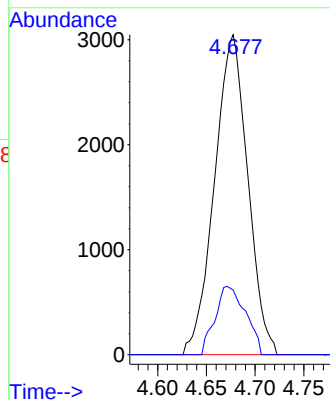
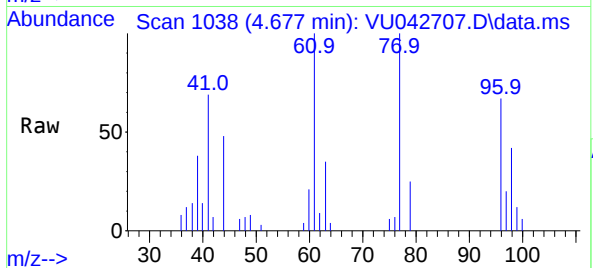
Tgt Ion: 83 Resp: 4896
Ion Ratio Lower Upper
83 100
55 84.8 71.4 107.2
98 48.2 37.3 55.9





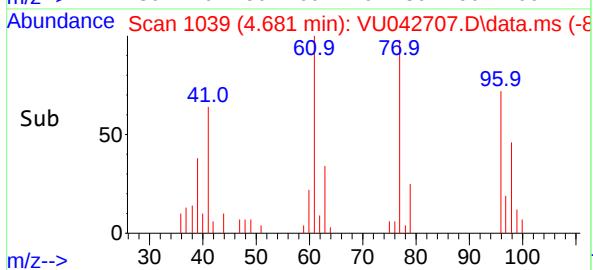
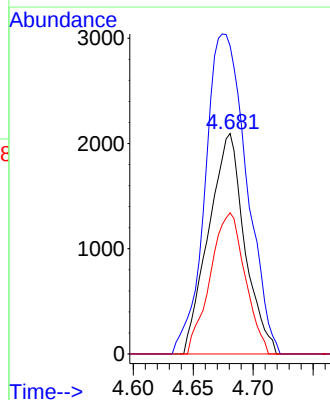
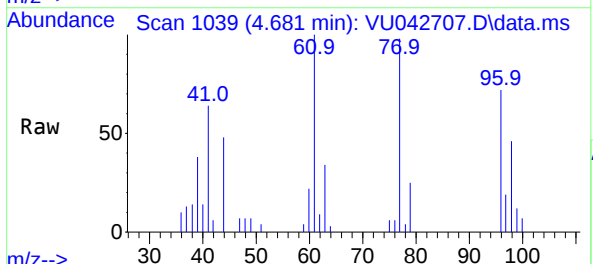
#21
2,2-Dichloropropane
Concen: 0.87 ug/l
RT: 4.677 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VU042707.D
Acq: 18 Mar 2021 14:01

Tgt Ion: 77 Resp: 7238
Ion Ratio Lower Upper
77 100
97 19.5 17.1 25.7



#22
cis-1,2-Dichloroethene
Concen: 0.88 ug/l
RT: 4.681 min Scan# 1039
Delta R.T. 0.003 min
Lab File: VU042707.D
Acq: 18 Mar 2021 14:01

Tgt Ion: 96 Resp: 4367
Ion Ratio Lower Upper
96 100
61 167.6 0.0 420.8
98 62.0 32.9 98.7

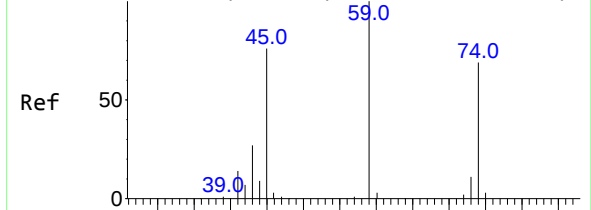


Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT1-2021

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Abundance Scan 325 (2.385 min): VU042689.D\data.ms (-31



#23

Diethyl Ether

Concen: 0.92 ug/l

RT: 2.385 min Scan# 325

Delta R.T. -0.000 min

Lab File: VU042707.D

Acq: 18 Mar 2021 14:01

Tgt Ion: 59 Resp: 3201

Ion	Ratio	Lower	Upper
59	100		
45	83.0	63.4	95.0
74	73.0	54.5	81.7

Instrument :

MSVOA_U

ClientSampleId :

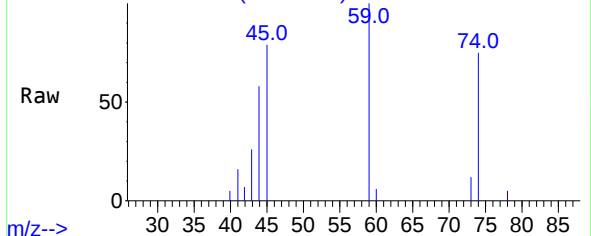
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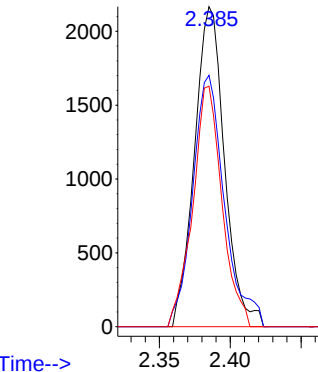
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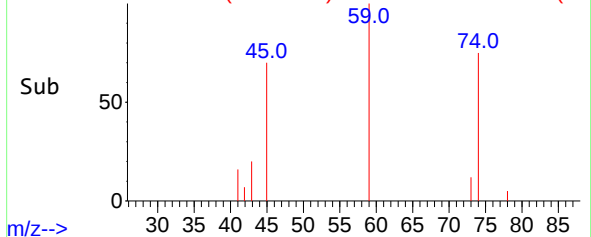
Abundance Scan 325 (2.385 min): VU042707.D\data.ms



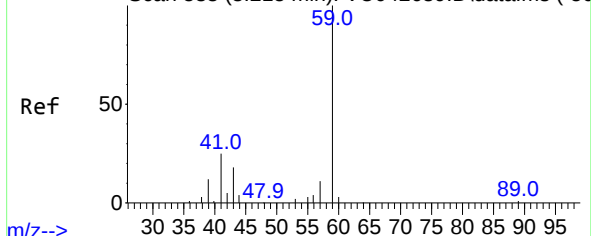
Abundance



Abundance Scan 325 (2.385 min): VU042707.D\data.ms (-17



Abundance Scan 583 (3.215 min): VU042689.D\data.ms (-56



#24

tert-Butyl Alcohol

Concen: 10.18 ug/l m

RT: 3.221 min Scan# 585

Delta R.T. 0.006 min

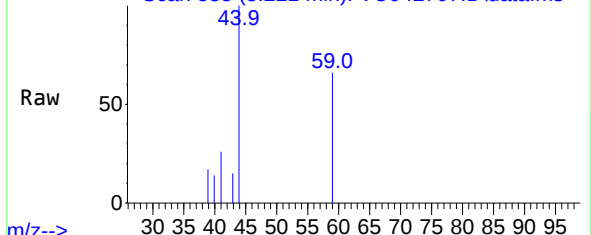
Lab File: VU042707.D

Acq: 18 Mar 2021 14:01

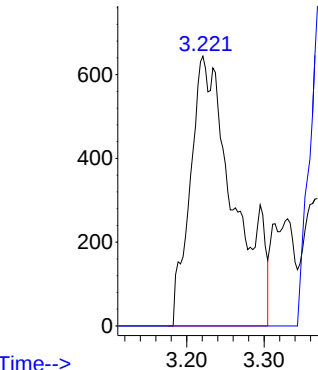
Tgt Ion: 59 Resp: 2503

Ion	Ratio	Lower	Upper
59	100		
57	0.0	4.6	6.8#

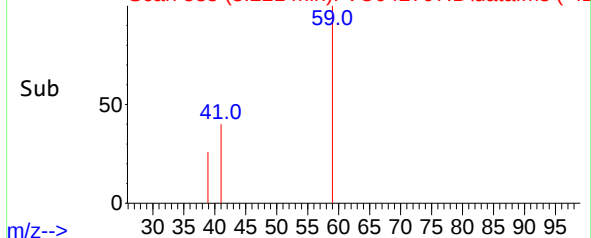
Abundance Scan 585 (3.221 min): VU042707.D\data.ms

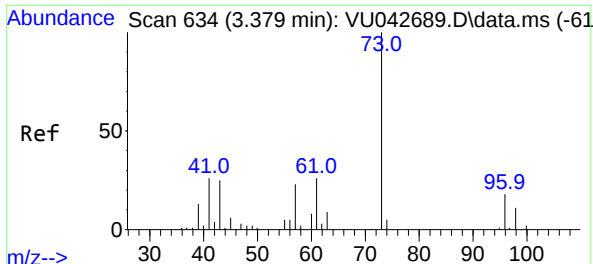


Abundance

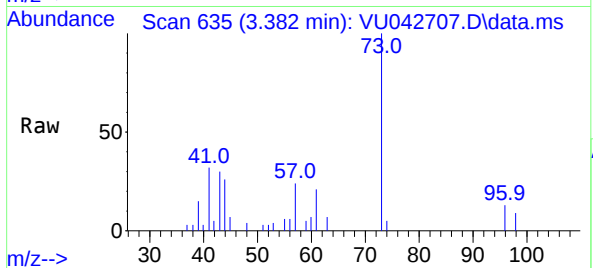


Abundance Scan 585 (3.221 min): VU042707.D\data.ms (-42

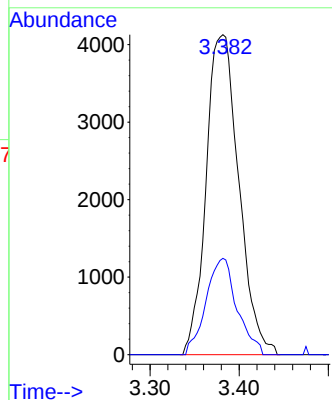
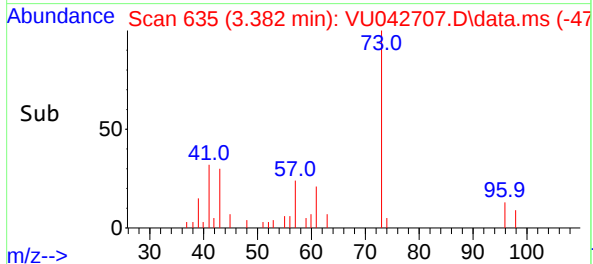




#25
Methyl tert-Butyl Ether
Concen: 0.87 ug/l
RT: 3.382 min Scan# 635
Delta R.T. 0.003 min
Lab File: VU042707.D
Acq: 18 Mar 2021 14:01



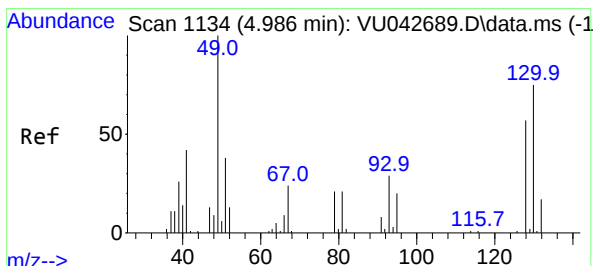
Tgt Ion: 73 Resp: 10513
Ion Ratio Lower Upper
73 100
43 28.5 21.9 32.9



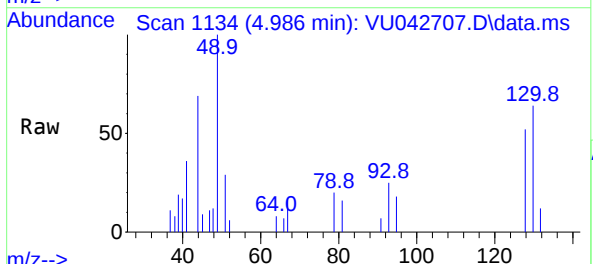
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT1-2021

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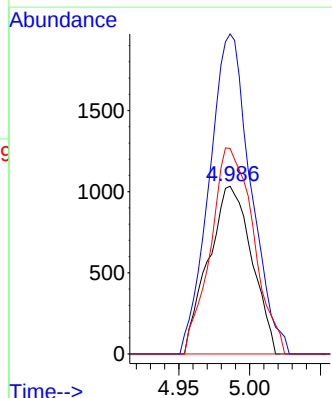
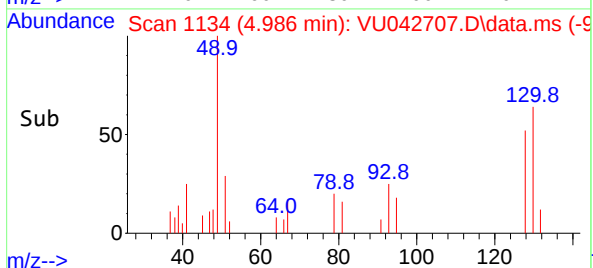
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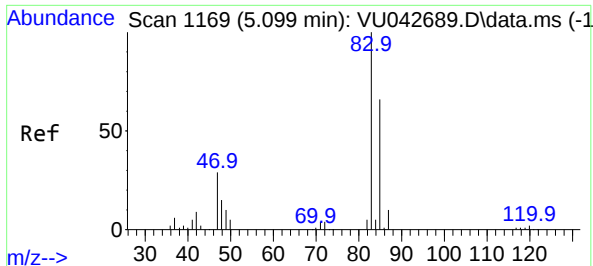


#26
Bromochloromethane
Concen: 0.92 ug/l
RT: 4.986 min Scan# 1134
Delta R.T. -0.000 min
Lab File: VU042707.D
Acq: 18 Mar 2021 14:01



Tgt Ion: 128 Resp: 2194
Ion Ratio Lower Upper
128 100
49 183.0 0.0 364.0
130 122.0 103.5 155.3





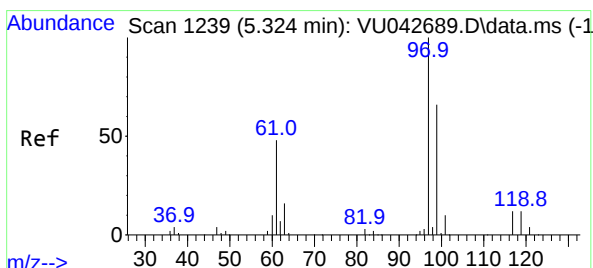
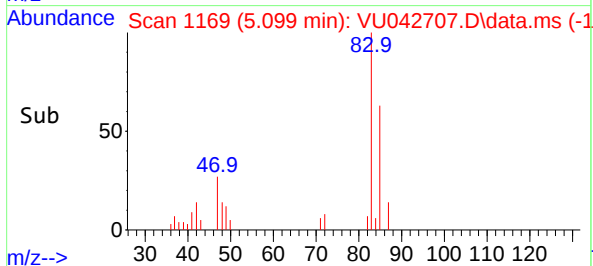
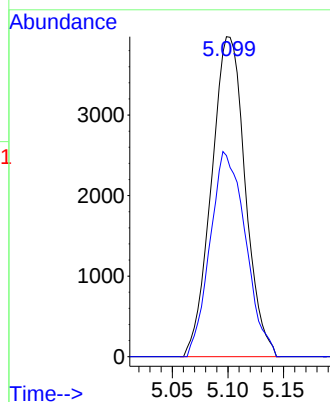
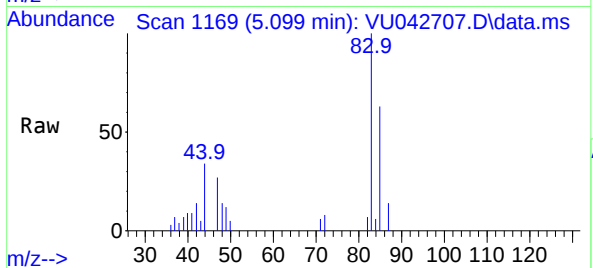
#27
Chloroform
Concen: 0.88 ug/l
RT: 5.099 min Scan# 1169
Delta R.T. -0.000 min
Lab File: VU042707.D
Acq: 18 Mar 2021 14:01

Tgt Ion: 83 Resp: 8384
Ion Ratio Lower Upper
83 100
85 62.8 0.0 132.2

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT1-2021

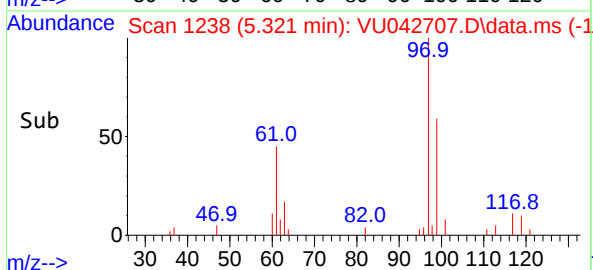
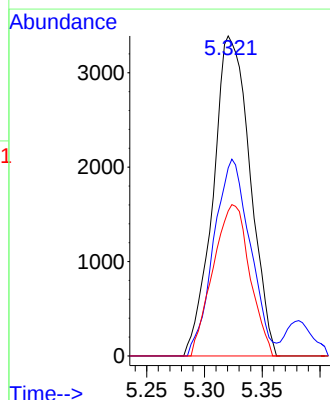
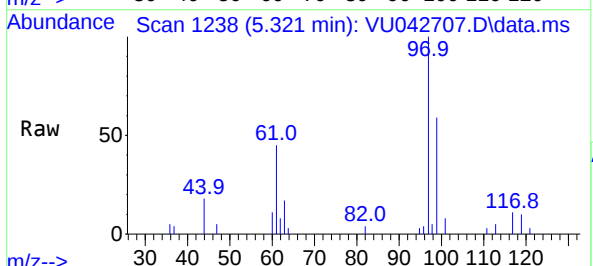
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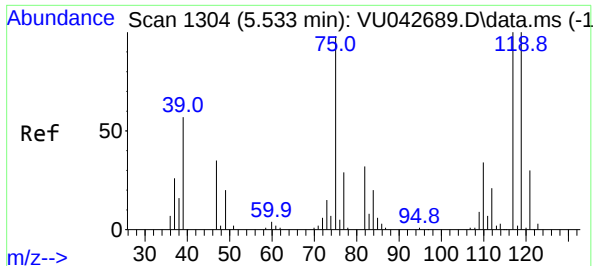
MMDadoda
3/25/2021 1:09:01 PM



#28
1,1,1-Trichloroethane
Concen: 0.88 ug/l
RT: 5.321 min Scan# 1238
Delta R.T. -0.003 min
Lab File: VU042707.D
Acq: 18 Mar 2021 14:01

Tgt Ion: 97 Resp: 7540
Ion Ratio Lower Upper
97 100
99 61.0 32.8 98.3
61 47.0 24.1 72.4





#29

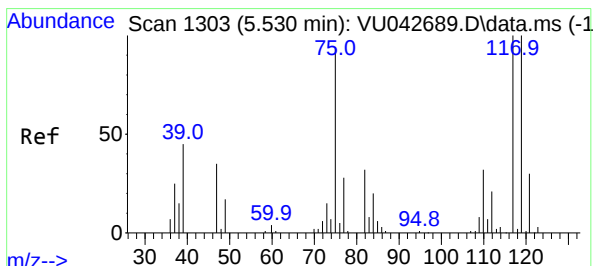
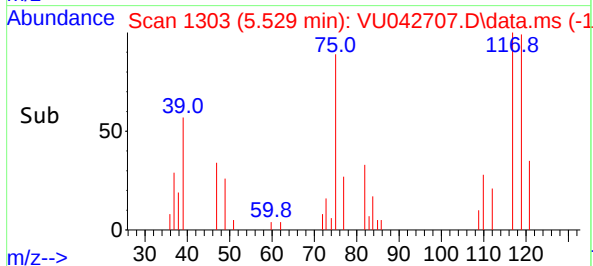
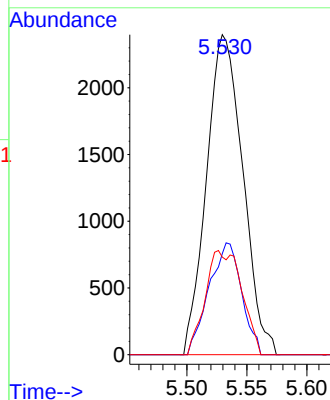
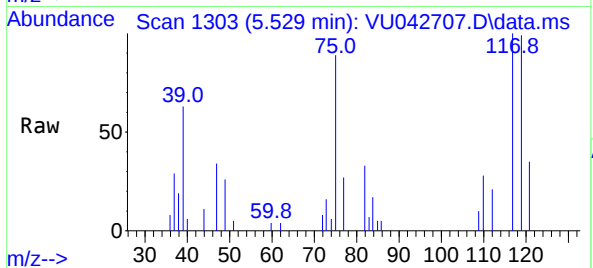
1,1-Dichloropropene
Concen: 0.84 ug/l
RT: 5.529 min Scan# 1303
Delta R.T. -0.003 min
Lab File: VU042707.D
Acq: 18 Mar 2021 14:01

Tgt Ion:	75	Resp:	5057
Ion	Ratio	Lower	Upper
75	100		
110	31.3	17.4	52.2
77	32.7	24.1	36.1

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT1-2021

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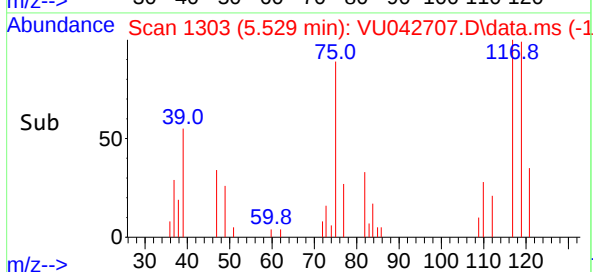
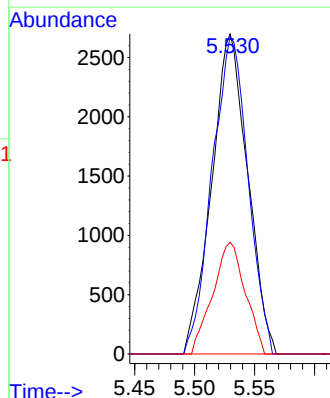
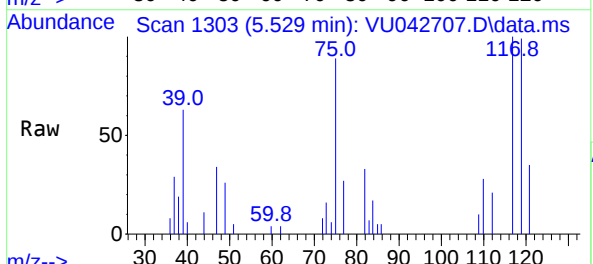
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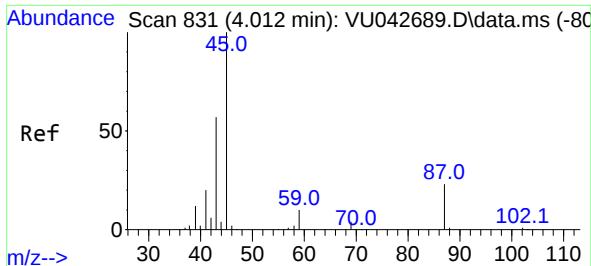


#30

Carbon Tetrachloride
Concen: 0.84 ug/l
RT: 5.529 min Scan# 1303
Delta R.T. -0.000 min
Lab File: VU042707.D
Acq: 18 Mar 2021 14:01

Tgt Ion:	117	Resp:	5631
Ion	Ratio	Lower	Upper
117	100		
119	99.1	79.8	119.8
121	34.9	24.1	36.1





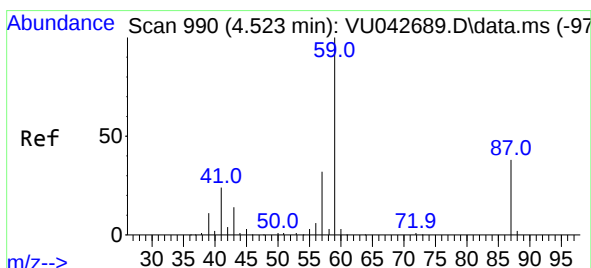
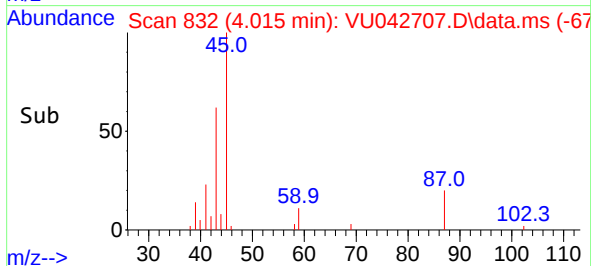
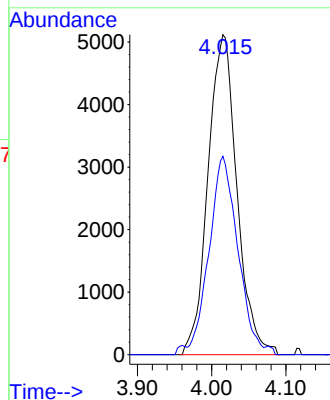
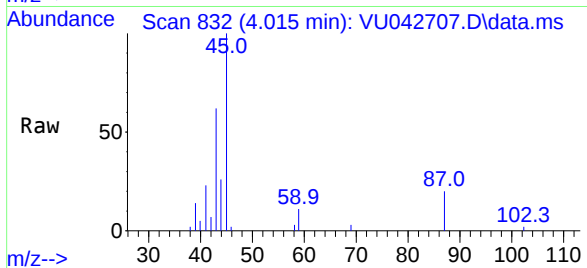
#31
Isopropyl Ether
Concen: 0.85 ug/l
RT: 4.015 min Scan# 832
Delta R.T. 0.003 min
Lab File: VU042707.D
Acq: 18 Mar 2021 14:01

Tgt Ion: 45 Resp: 13872
Ion Ratio Lower Upper
45 100
43 58.1 27.8 83.3

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT1-2021

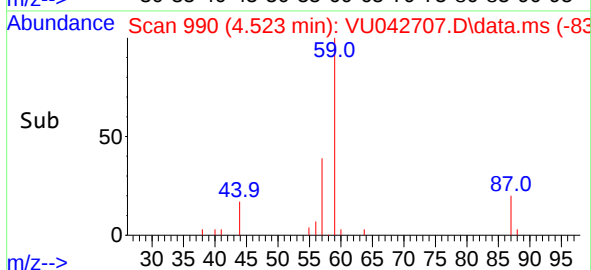
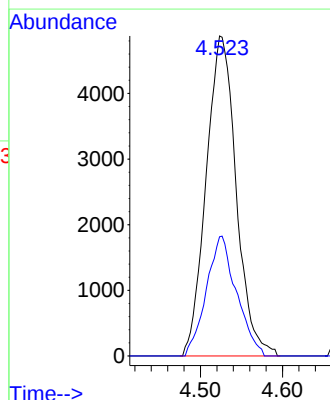
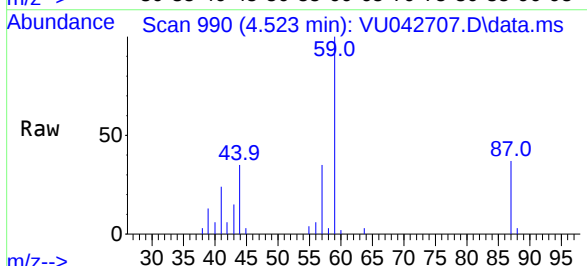
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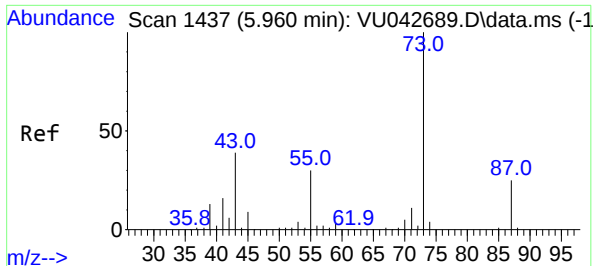
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#32
Ethyl-t-butyl ether
Concen: 0.86 ug/l
RT: 4.523 min Scan# 990
Delta R.T. -0.000 min
Lab File: VU042707.D
Acq: 18 Mar 2021 14:01

Tgt Ion: 59 Resp: 12433
Ion Ratio Lower Upper
59 100
87 37.6 31.1 46.7





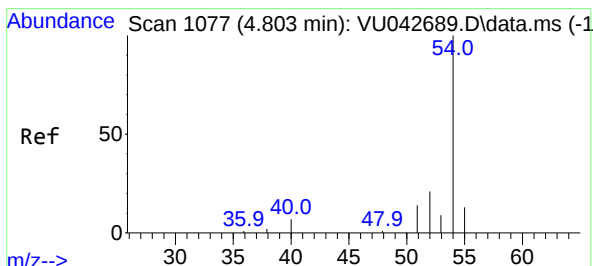
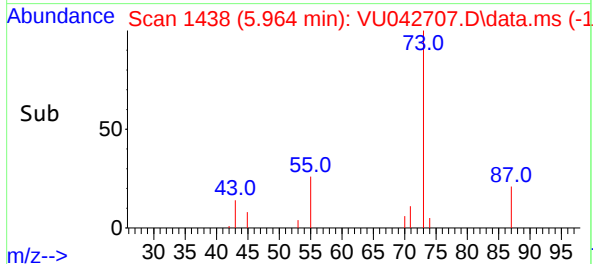
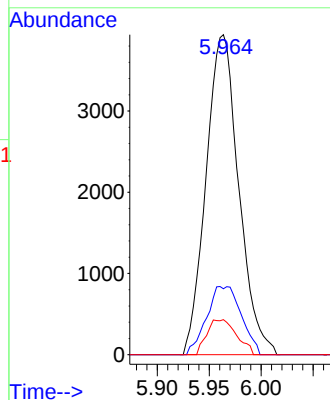
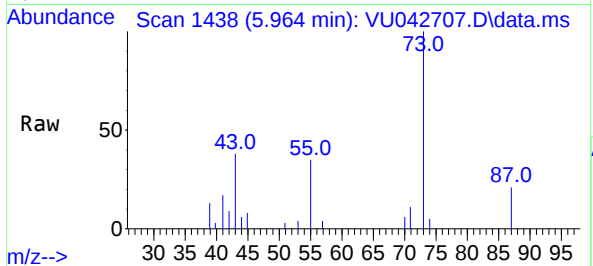
#33
Tert-Amyl methyl ether
Concen: 0.82 ug/l
RT: 5.964 min Scan# 1438
Delta R.T. 0.003 min
Lab File: VU042707.D
Acq: 18 Mar 2021 14:01

Tgt Ion: 73	Resp:	8628
Ion Ratio	Lower	Upper
73	100	
87	22.6	19.5 29.3
71	9.9	9.0 13.6

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT1-2021

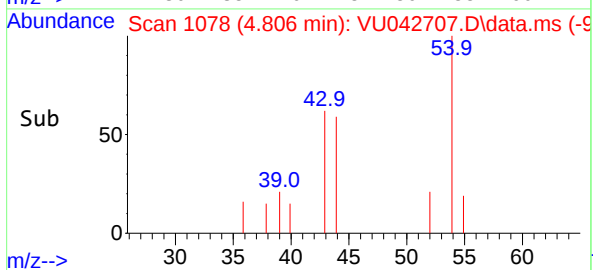
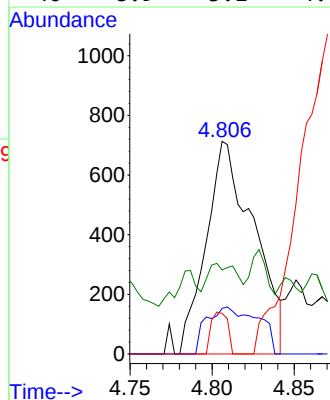
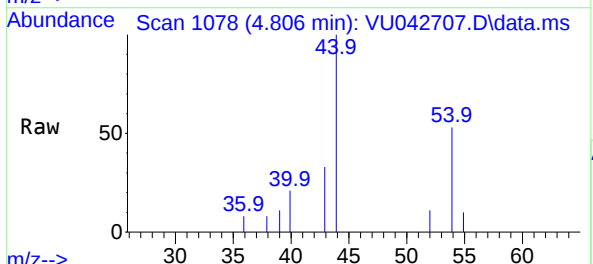
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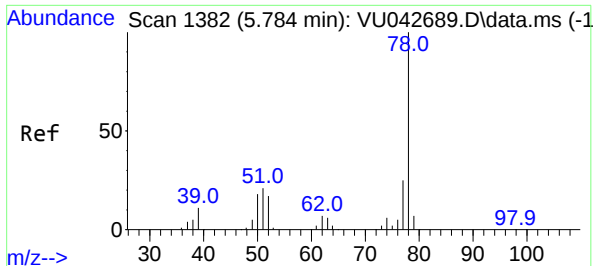
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#34
Propionitrile
Concen: 3.87 ug/l
RT: 4.806 min Scan# 1078
Delta R.T. 0.003 min
Lab File: VU042707.D
Acq: 18 Mar 2021 14:01

Tgt Ion: 54	Resp:	1445
Ion Ratio	Lower	Upper
54	100	
52	23.7	17.2 25.8
55	6.8	9.1 13.7#
40	8.9	3.1 4.7#





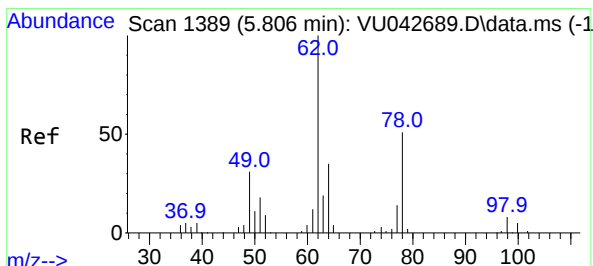
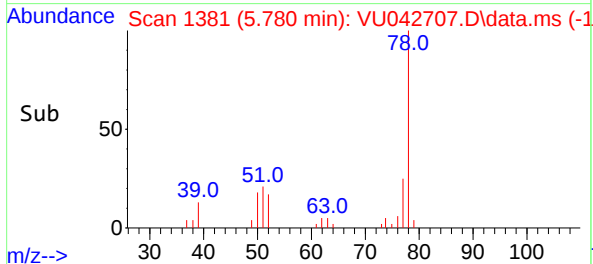
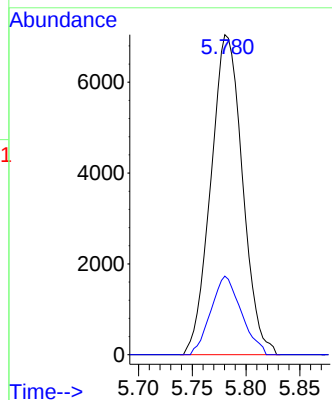
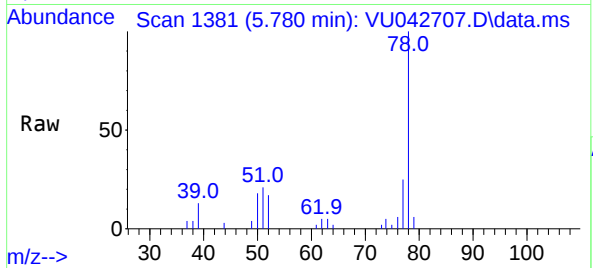
#35
Benzene
Concen: 0.85 ug/l
RT: 5.780 min Scan# 1381
Delta R.T. -0.003 min
Lab File: VU042707.D
Acq: 18 Mar 2021 14:01

Tgt Ion: 78 Resp: 14427
Ion Ratio Lower Upper
78 100
77 24.5 20.2 30.2

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT1-2021

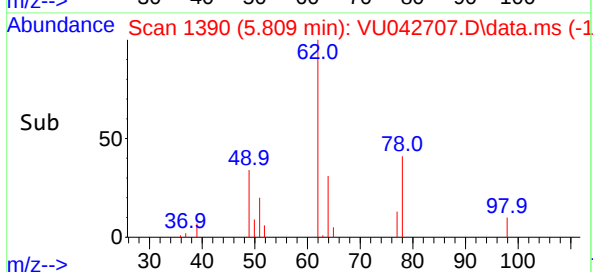
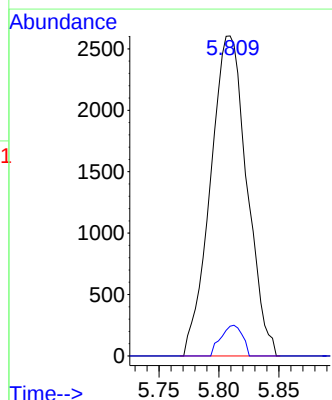
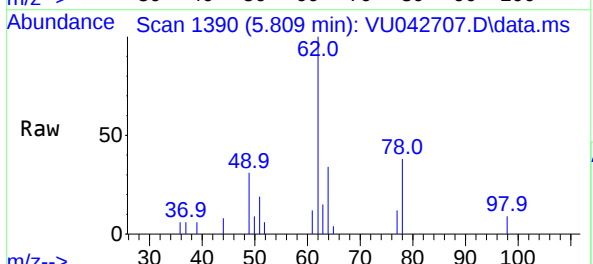
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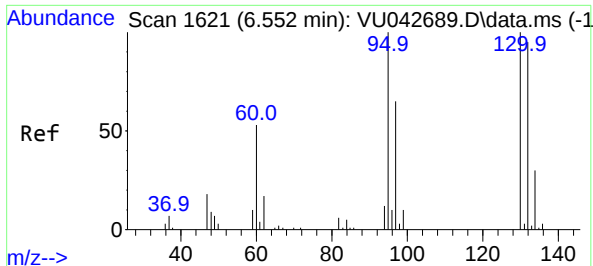
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#36
1,2-Dichloroethane
Concen: 0.84 ug/l
RT: 5.809 min Scan# 1390
Delta R.T. 0.003 min
Lab File: VU042707.D
Acq: 18 Mar 2021 14:01

Tgt Ion: 62 Resp: 5504
Ion Ratio Lower Upper
62 100
98 5.7 6.1 9.1#





#37

Trichloroethene

Concen: 0.89 ug/l

RT: 6.549 min Scan# 1620

Delta R.T. -0.003 min

Lab File: VU042707.D

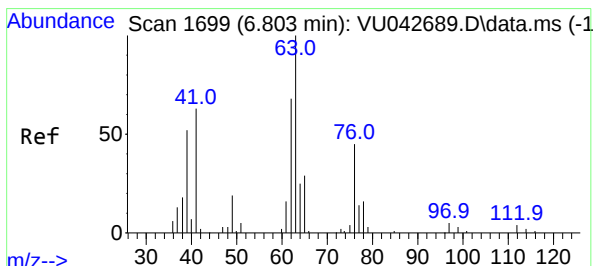
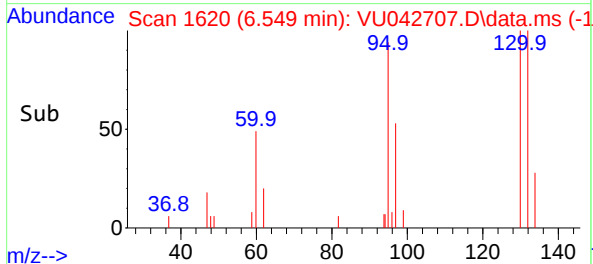
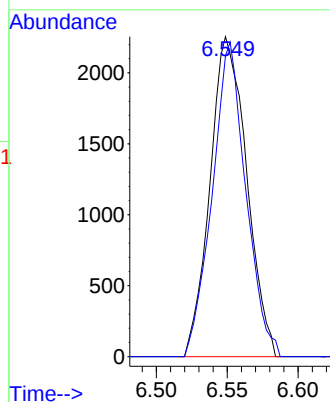
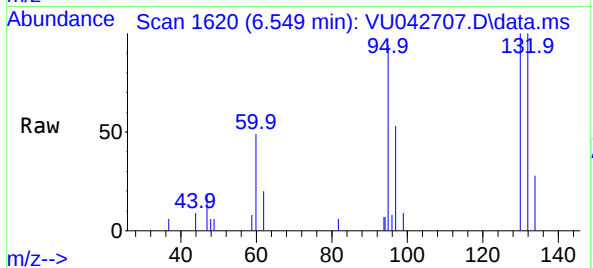
Acq: 18 Mar 2021 14:01

Tgt Ion:130 Resp: 4048

Ion Ratio Lower Upper

130 100

95 94.0 80.3 120.5



#38

1,2-Dichloropropane

Concen: 0.80 ug/l

RT: 6.803 min Scan# 1699

Delta R.T. -0.000 min

Lab File: VU042707.D

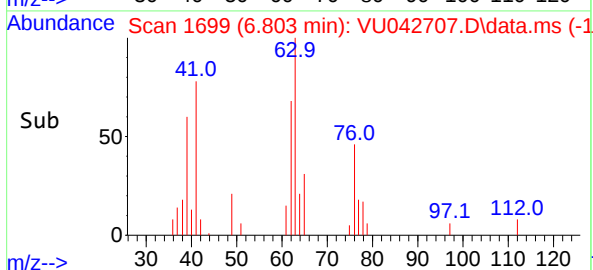
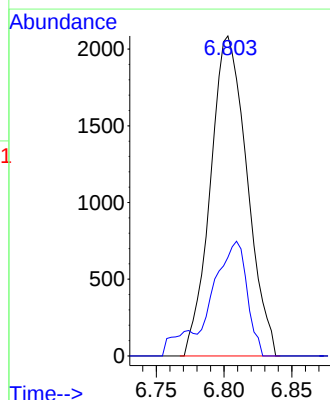
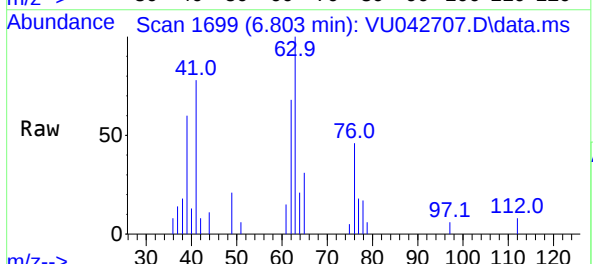
Acq: 18 Mar 2021 14:01

Tgt Ion: 63 Resp: 3912

Ion Ratio Lower Upper

63 100

65 30.8 23.8 35.6



Instrument :

MSVOA_U

ClientSampleId :

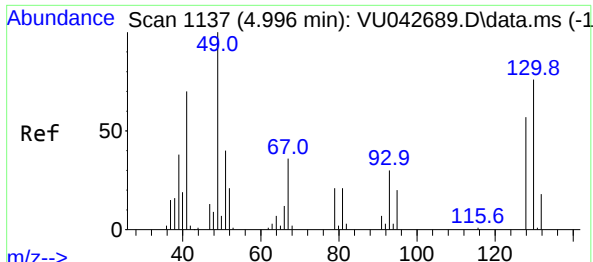
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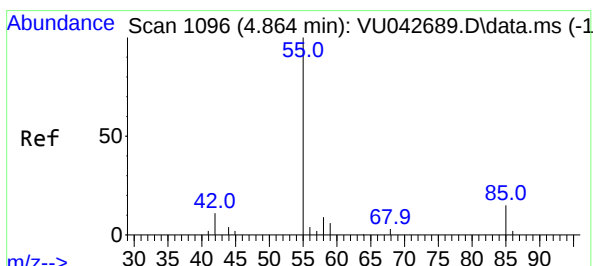
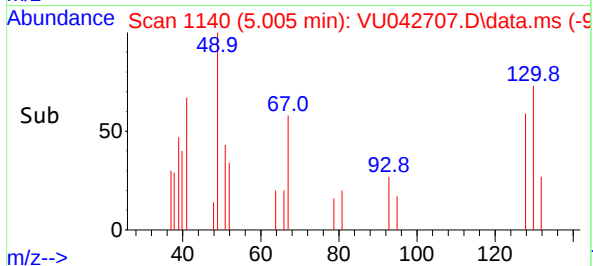
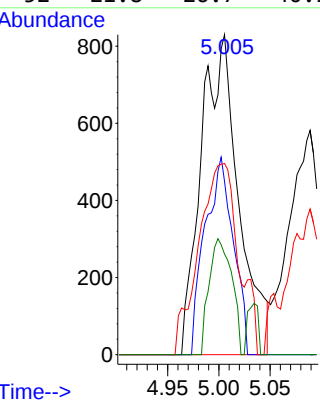
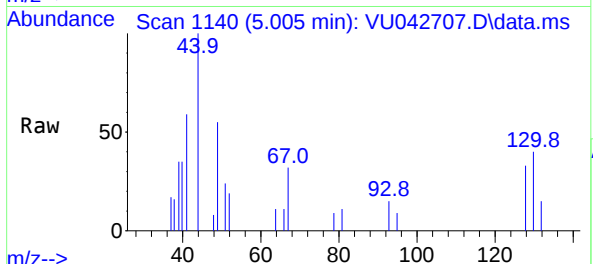
#39
Methacrylonitrile
Concen: 0.90 ug/l m
RT: 5.005 min Scan# 1140
Delta R.T. 0.010 min
Lab File: VU042707.D
Acq: 18 Mar 2021 14:01

Tgt Ion:	41	Resp:	2116
Ion	Ratio	Lower	Upper
41	100		
67	46.4	46.0	69.0
39	58.5	47.6	71.4
52	21.8	26.7	40.1#

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT1-2021

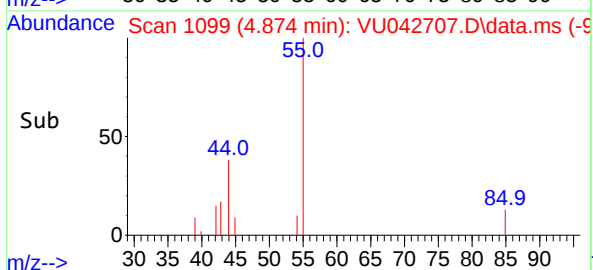
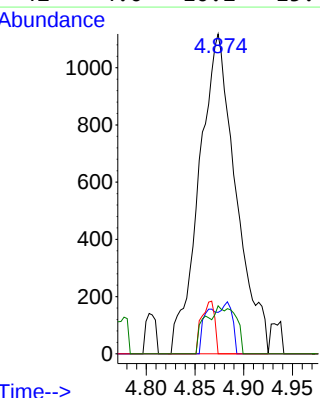
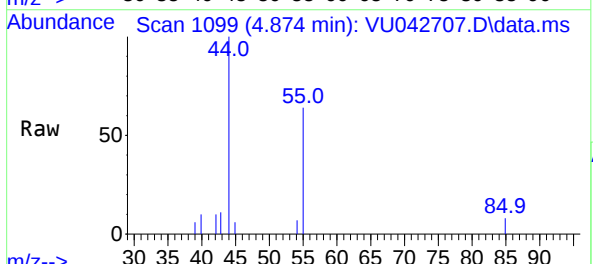
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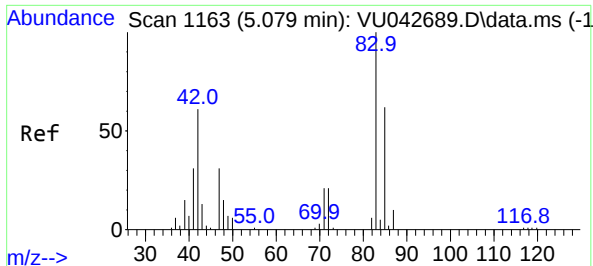
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#40
Methyl acrylate
Concen: 0.95 ug/l
RT: 4.874 min Scan# 1099
Delta R.T. 0.010 min
Lab File: VU042707.D
Acq: 18 Mar 2021 14:01

Tgt Ion:	55	Resp:	2923
Ion	Ratio	Lower	Upper
55	100		
85	0.0	11.5	17.3#
58	5.9	6.1	9.1#
42	4.0	10.2	15.4#





#41

Tetrahydrofuran

Concen: 1.60 ug/l

RT: 5.086 min Scan# 1165

Delta R.T. 0.007 min

Lab File: VU042707.D

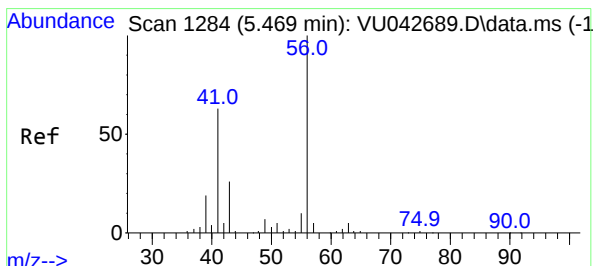
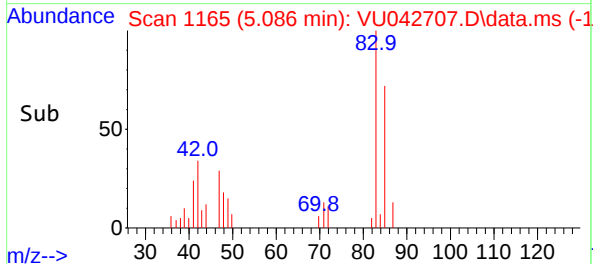
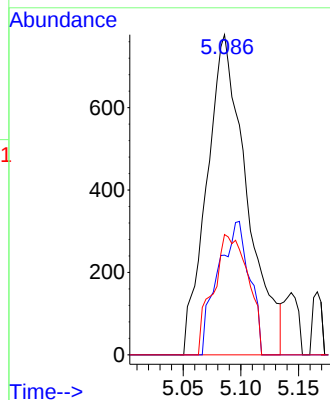
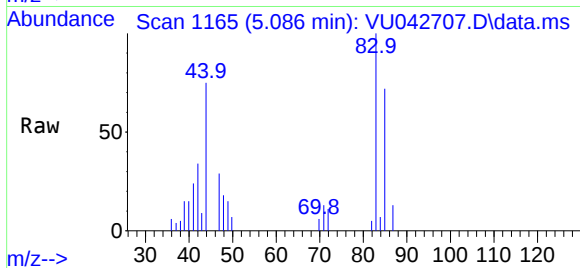
Acq: 18 Mar 2021 14:01

Tgt Ion:	42	Resp:	1868
Ion	Ratio	Lower	Upper
42	100		
72	32.8	31.7	47.5
71	33.0	29.0	43.4

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT1-2021

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#42

1-Chlorobutane

Concen: 0.82 ug/l

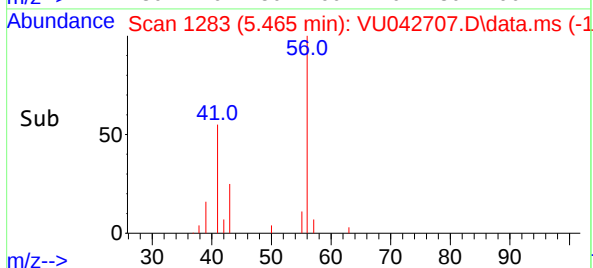
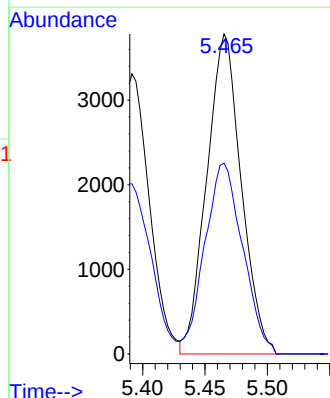
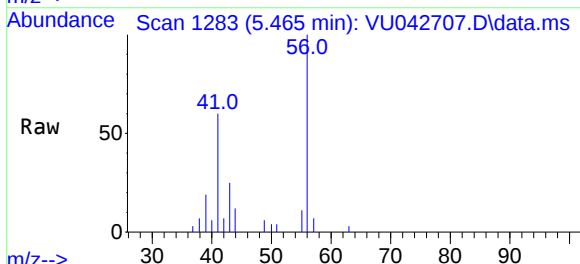
RT: 5.465 min Scan# 1283

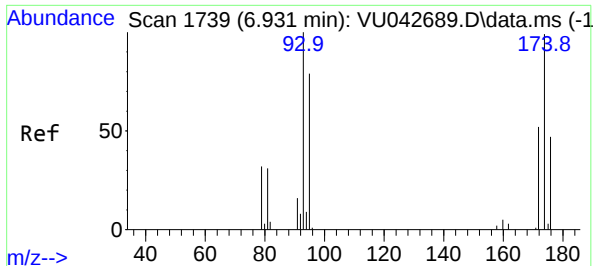
Delta R.T. -0.003 min

Lab File: VU042707.D

Acq: 18 Mar 2021 14:01

Tgt Ion:	56	Resp:	7281
Ion	Ratio	Lower	Upper
56	100		
41	65.5	32.9	98.7





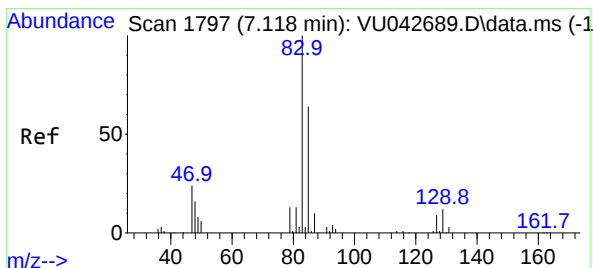
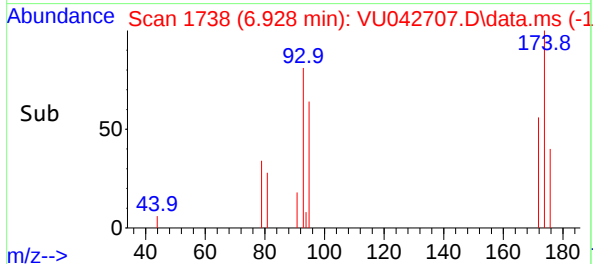
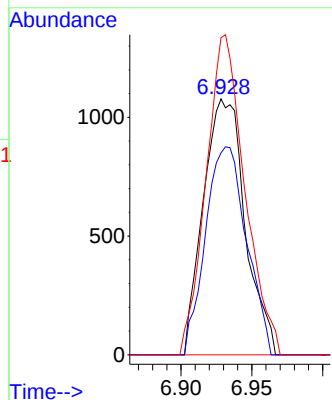
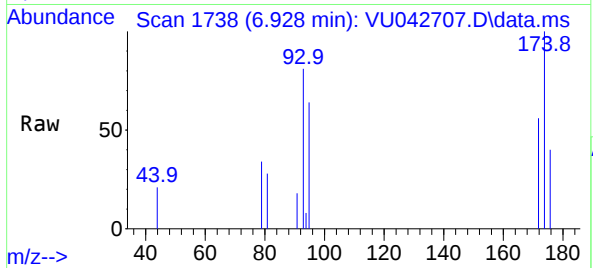
#43
Dibromomethane
Concen: 0.83 ug/l
RT: 6.928 min Scan# 1738
Delta R.T. -0.003 min
Lab File: VU042707.D
Acq: 18 Mar 2021 14:01

Tgt Ion:	93	Resp:	2208
Ion	Ratio	Lower	Upper
93	100		
95	79.8	63.3	94.9
174	116.1	82.0	123.0

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT1-2021

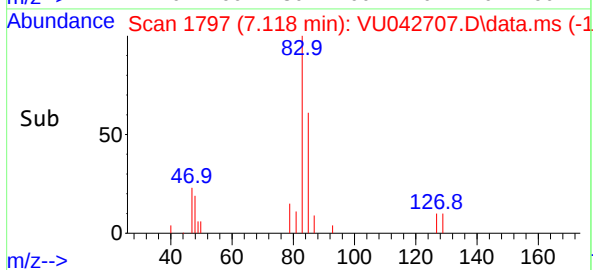
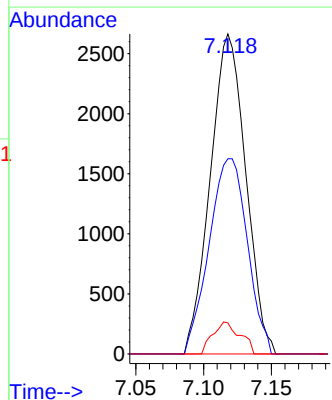
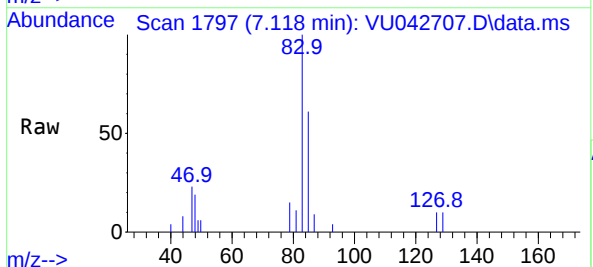
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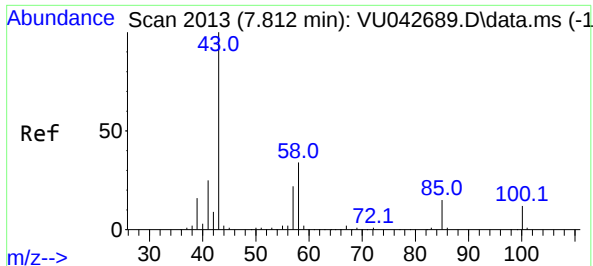
MMDadoda
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#44
Bromodichloromethane
Concen: 0.78 ug/l
RT: 7.118 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VU042707.D
Acq: 18 Mar 2021 14:01

Tgt Ion:	83	Resp:	4852
Ion	Ratio	Lower	Upper
83	100		
85	61.0	51.1	76.7
127	9.7	7.1	10.7





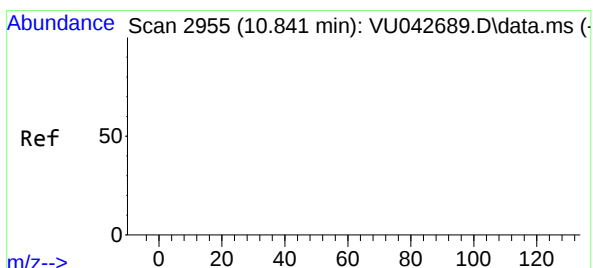
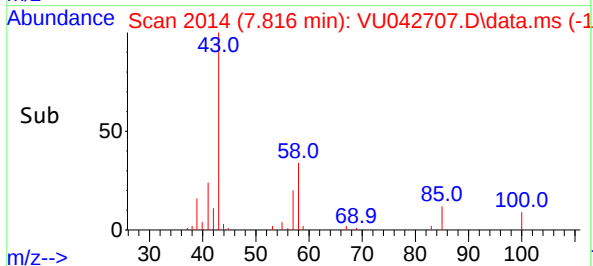
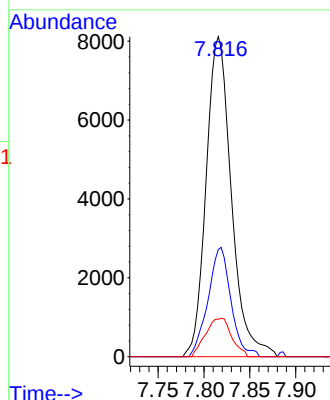
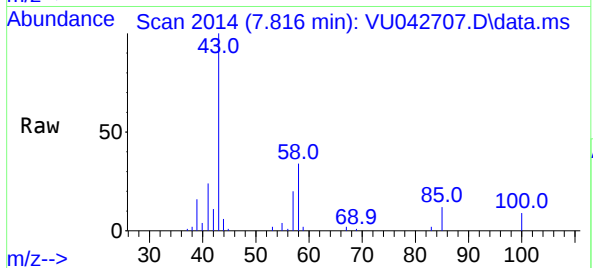
#45
4-Methyl-2-Pentanone
Concen: 3.88 ug/l
RT: 7.816 min Scan# 2014
Delta R.T. 0.003 min
Lab File: VU042707.D
Acq: 18 Mar 2021 14:01

Tgt Ion: 43	Resp: 15539
Ion Ratio	Lower Upper
43 100	
58 31.0	16.8 50.3
85 12.3	11.4 17.2

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT1-2021

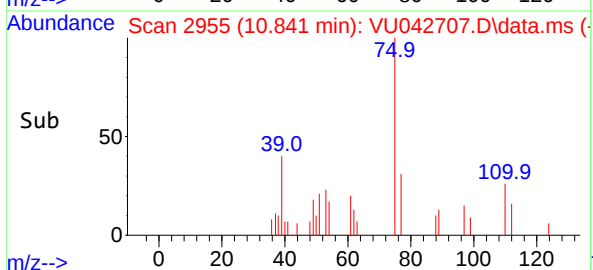
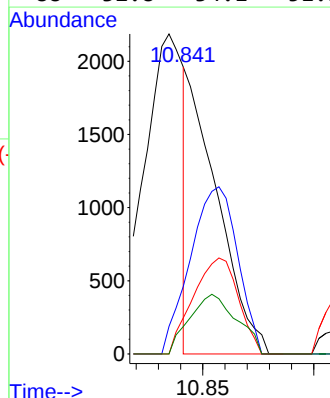
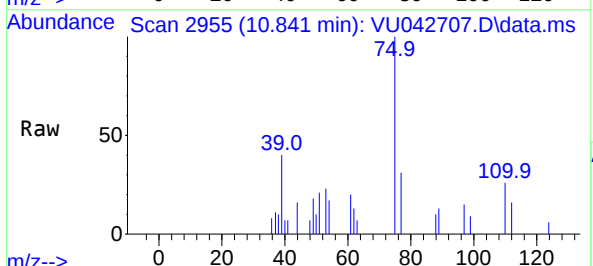
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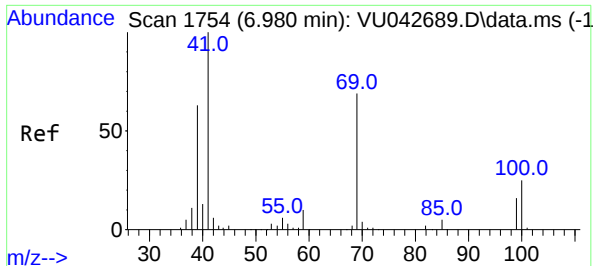
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#46
t-1,4-Dichloro-2-butene
Concen: 2.32 ug/l m
RT: 10.841 min Scan# 2955
Delta R.T. 0.000 min
Lab File: VU042707.D
Acq: 18 Mar 2021 14:01

Tgt Ion: 75	Resp: 1838
Ion Ratio	Lower Upper
75 100	
53 92.1	72.9 109.3
89 50.4	39.5 59.3
88 32.8	34.1 51.1#





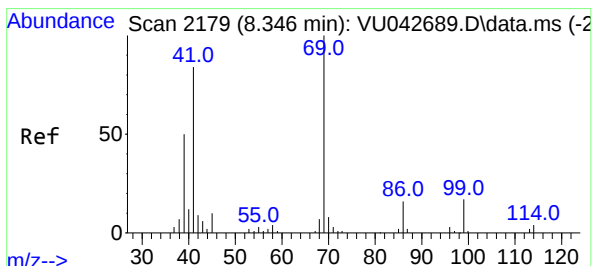
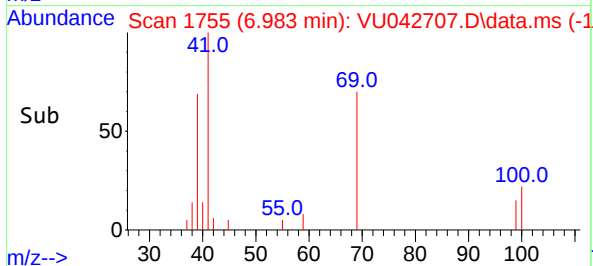
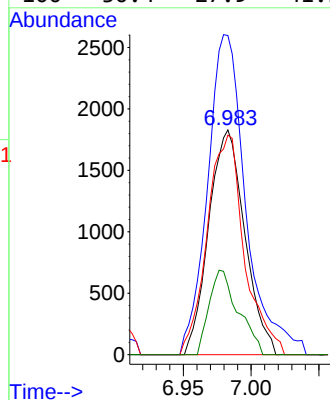
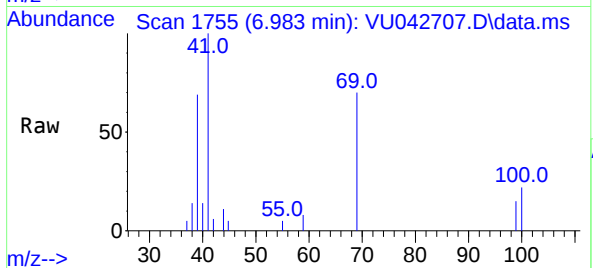
#47
Methyl methacrylate
Concen: 1.45 ug/l
RT: 6.983 min Scan# 1755
Delta R.T. 0.003 min
Lab File: VU042707.D
Acq: 18 Mar 2021 14:01

Tgt Ion:	69	Resp:	3381
Ion	Ratio	Lower	Upper
69	100		
41	151.7	0.0	283.4
39	100.7	72.5	108.7
100	30.4	27.9	41.9

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT1-2021

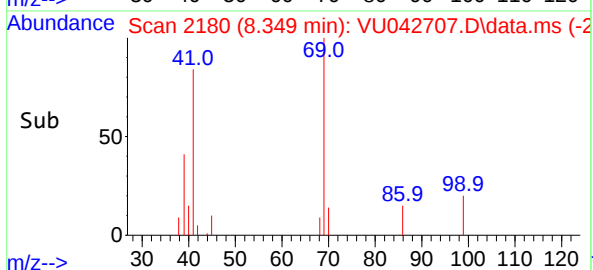
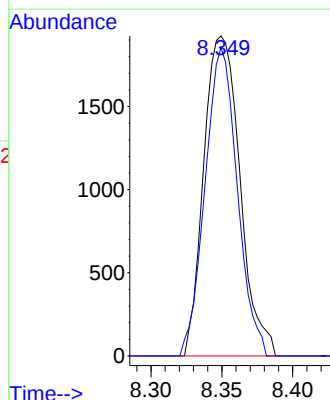
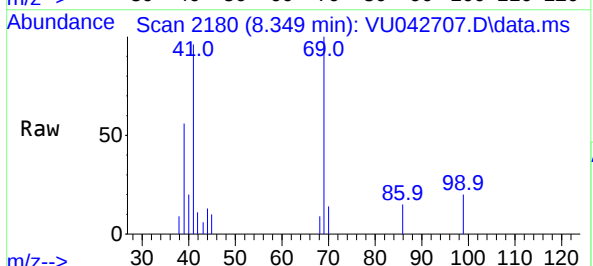
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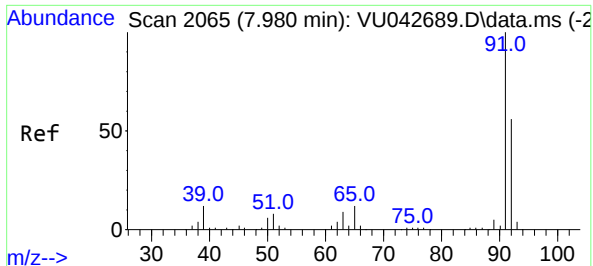
MMDadoda
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#48
Ethyl methacrylate
Concen: 0.74 ug/l
RT: 8.349 min Scan# 2180
Delta R.T. 0.003 min
Lab File: VU042707.D
Acq: 18 Mar 2021 14:01

Tgt Ion:	69	Resp:	3418
Ion	Ratio	Lower	Upper
69	100		
41	85.7	41.3	123.9





#49

Toluene

Concen: 0.74 ug/l

RT: 7.980 min Scan# 2065

Delta R.T. -0.000 min

Lab File: VU042707.D

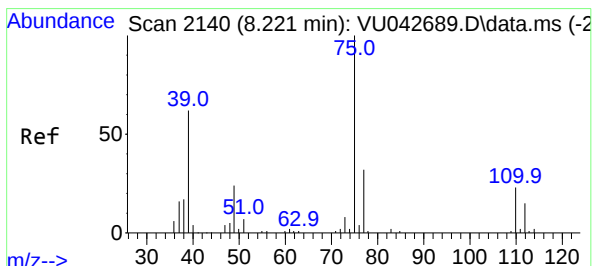
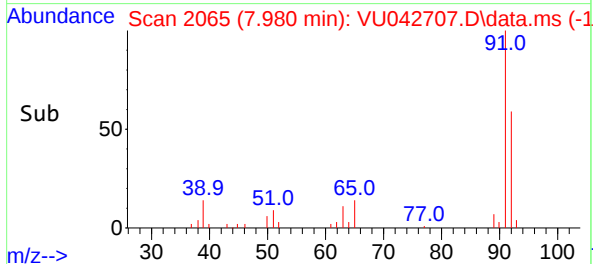
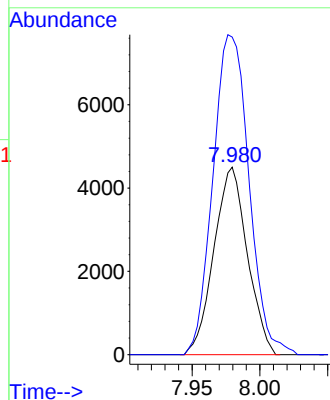
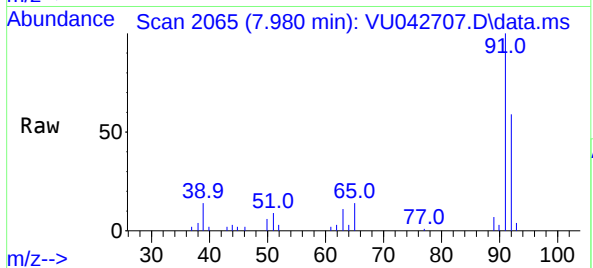
Acq: 18 Mar 2021 14:01

Tgt Ion: 92 Resp: 7720

Ion Ratio Lower Upper

92 100

91 184.0 141.5 212.3



#50

t-1,3-Dichloropropene

Concen: 0.76 ug/l

RT: 8.224 min Scan# 2141

Delta R.T. 0.003 min

Lab File: VU042707.D

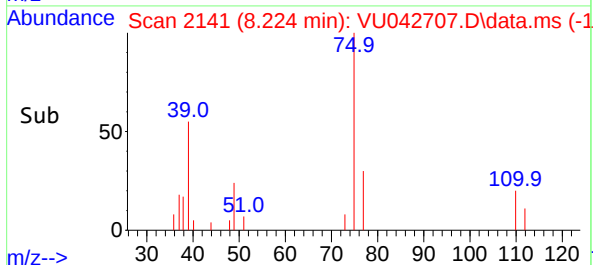
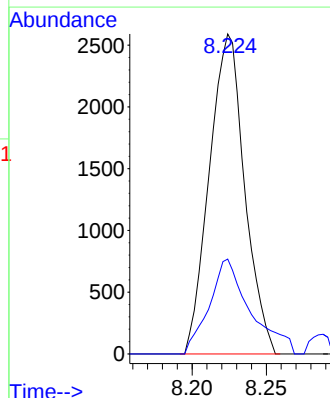
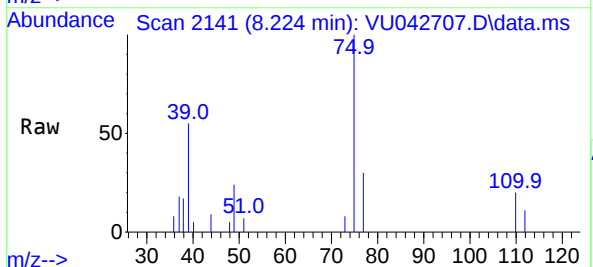
Acq: 18 Mar 2021 14:01

Tgt Ion: 75 Resp: 4281

Ion Ratio Lower Upper

75 100

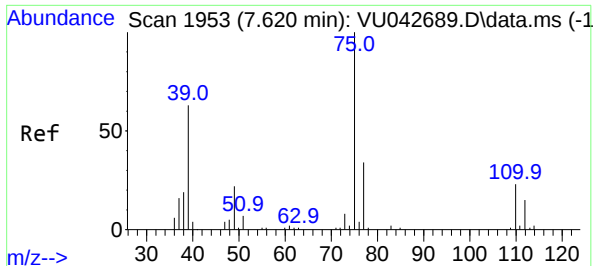
77 29.6 25.6 38.4



Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT1-2021

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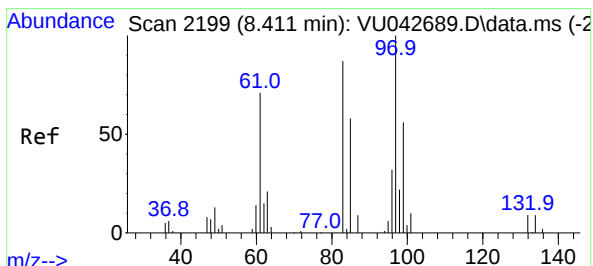
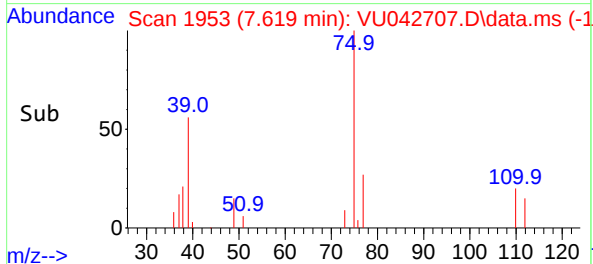
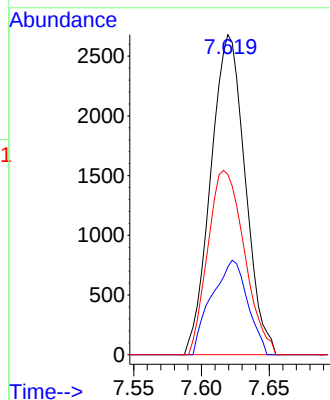
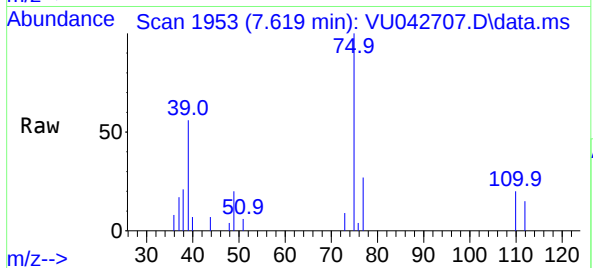
#51
cis-1,3-Dichloropropene
Concen: 0.76 ug/l
RT: 7.619 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VU042707.D
Acq: 18 Mar 2021 14:01

Tgt Ion:	75	Resp:	4725
Ion	Ratio	Lower	Upper
75	100		
77	27.5	27.1	40.7
39	56.3	50.2	75.4

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT1-2021

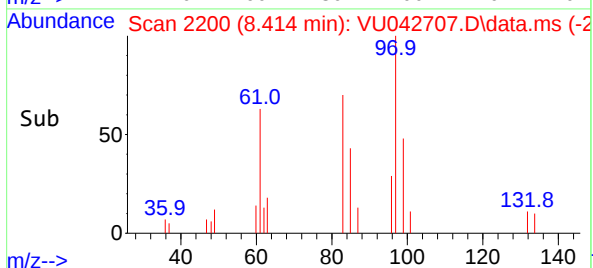
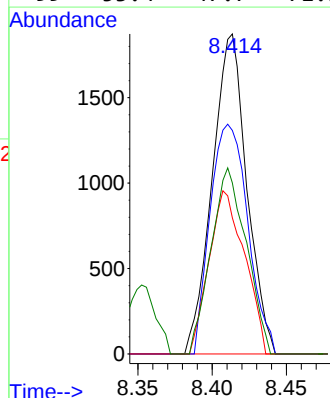
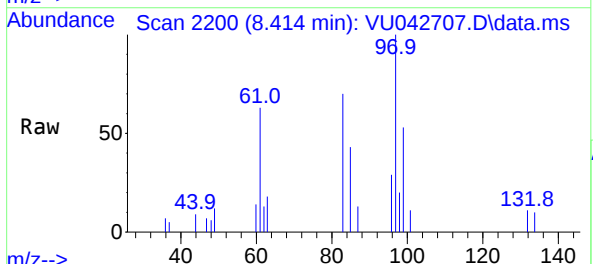
Manual Integrations
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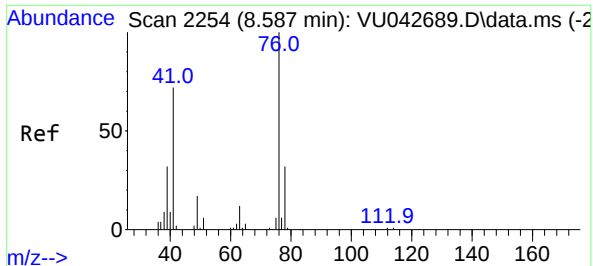
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#52
1,1,2-Trichloroethane
Concen: 0.82 ug/l
RT: 8.414 min Scan# 2200
Delta R.T. 0.003 min
Lab File: VU042707.D
Acq: 18 Mar 2021 14:01

Tgt Ion:	97	Resp:	3035
Ion	Ratio	Lower	Upper
97	100		
83	69.8	69.4	104.0
85	42.6	46.5	69.7#
99	53.4	47.7	71.5





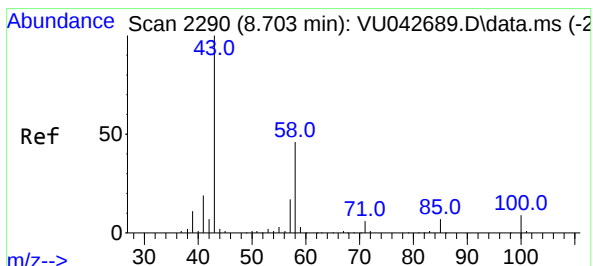
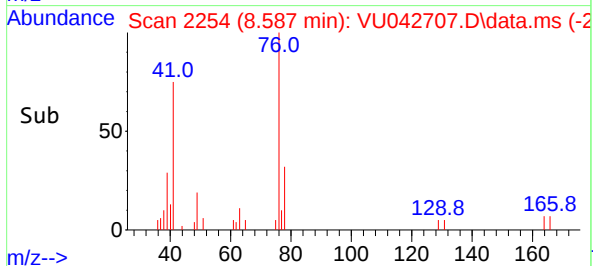
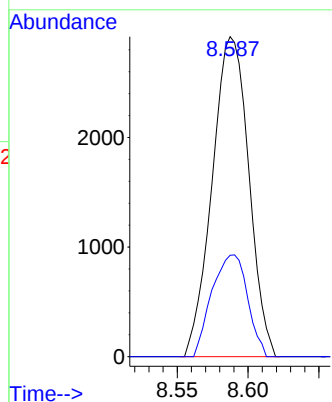
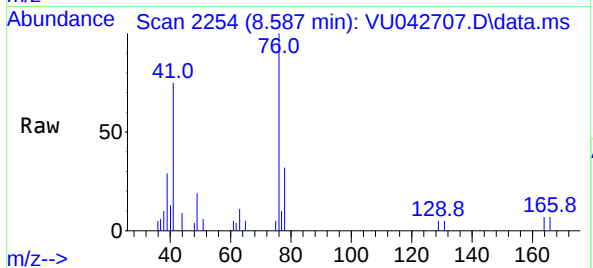
#53
1,3-Dichloropropane
Concen: 0.83 ug/l
RT: 8.587 min Scan# 2254
Delta R.T. -0.000 min
Lab File: VU042707.D
Acq: 18 Mar 2021 14:01

Tgt Ion: 76 Resp: 5247
Ion Ratio Lower Upper
76 100
78 30.9 25.8 38.6

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT1-2021

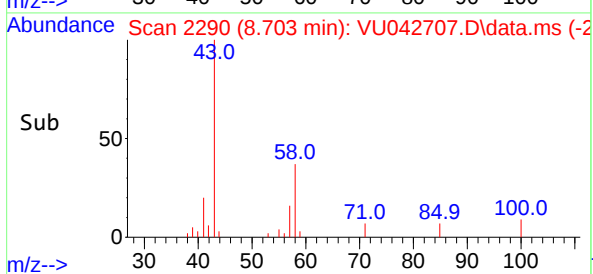
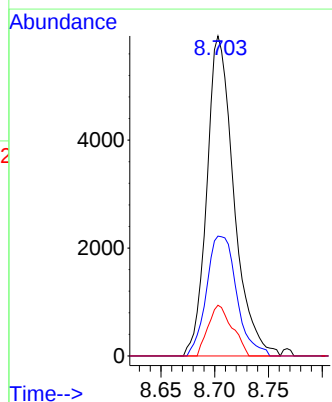
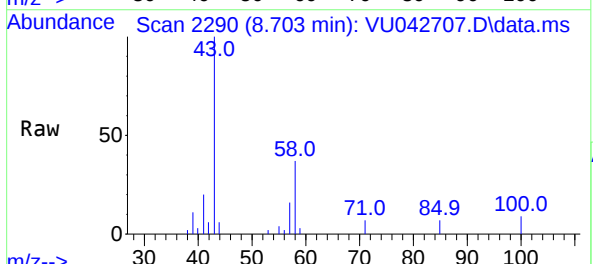
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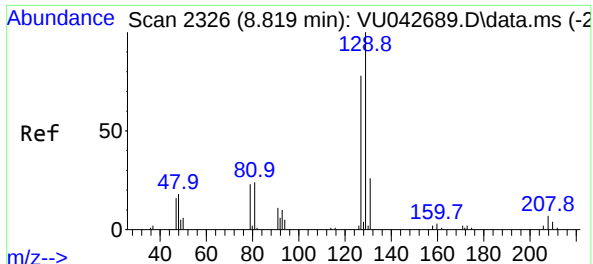
MMDadoda
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#54
2-Hexanone
Concen: 3.63 ug/l
RT: 8.703 min Scan# 2290
Delta R.T. -0.000 min
Lab File: VU042707.D
Acq: 18 Mar 2021 14:01

Tgt Ion: 43 Resp: 10372
Ion Ratio Lower Upper
43 100
58 41.7 26.5 66.5
57 14.1 0.0 36.5





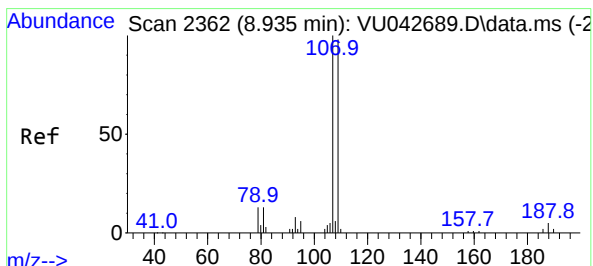
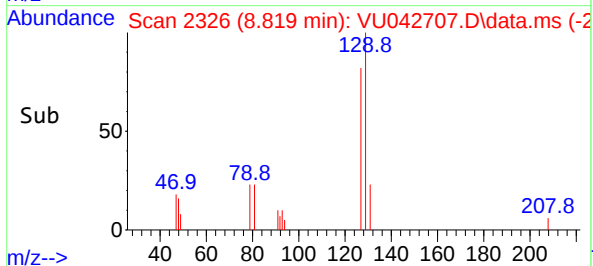
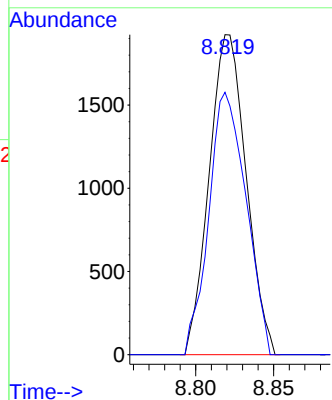
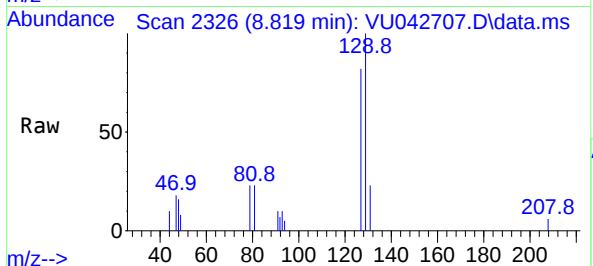
#55
Dibromochloromethane
Concen: 0.73 ug/l
RT: 8.819 min Scan# 2326
Delta R.T. -0.000 min
Lab File: VU042707.D
Acq: 18 Mar 2021 14:01

Tgt Ion:129 Resp: 3177
Ion Ratio Lower Upper
129 100
127 82.5 61.9 92.9

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT1-2021

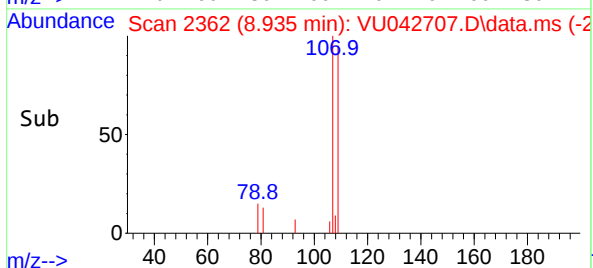
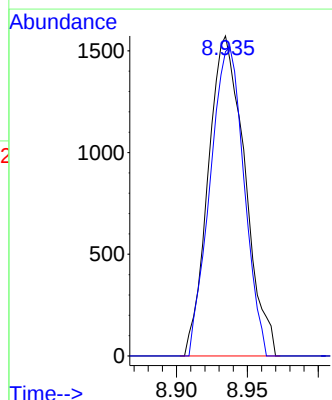
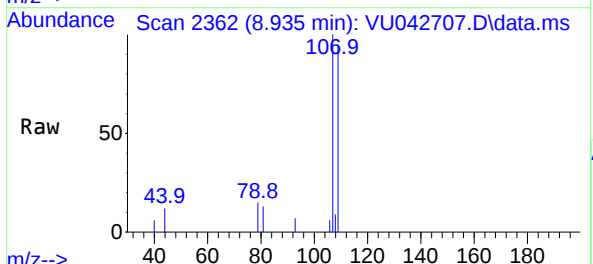
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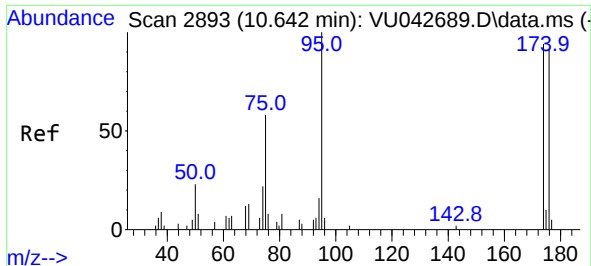
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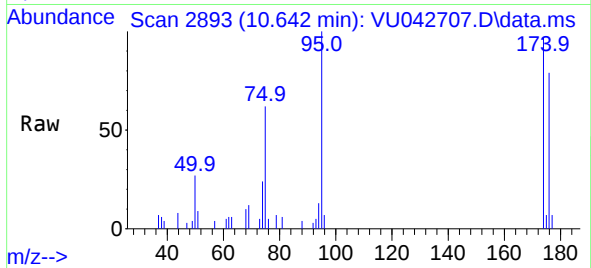
#56
1,2-Dibromoethane
Concen: 0.77 ug/l
RT: 8.935 min Scan# 2362
Delta R.T. -0.000 min
Lab File: VU042707.D
Acq: 18 Mar 2021 14:01

Tgt Ion:107 Resp: 2827
Ion Ratio Lower Upper
107 100
109 89.4 0.0 190.8



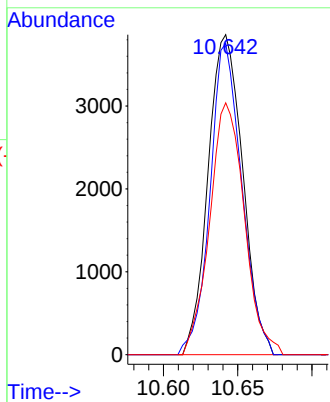
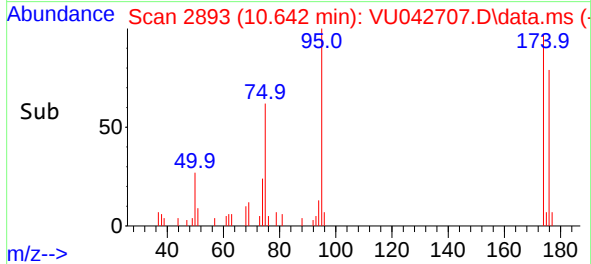


#57
4-Bromofluorobenzene
Concen: 0.90 ug/l
RT: 10.642 min Scan# 2893
Delta R.T. -0.000 min
Lab File: VU042707.D
Acq: 18 Mar 2021 14:01



Tgt Ion: 95 Resp: 6247

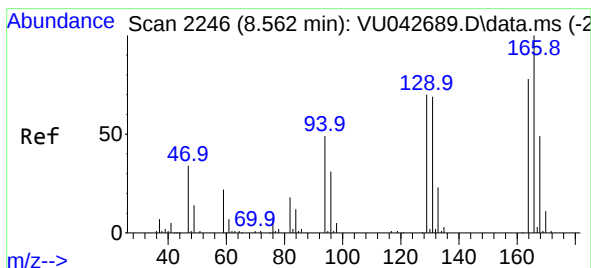
Ion	Ratio	Lower	Upper
95	100		
174	89.4	73.8	110.6
176	79.0	71.4	107.0



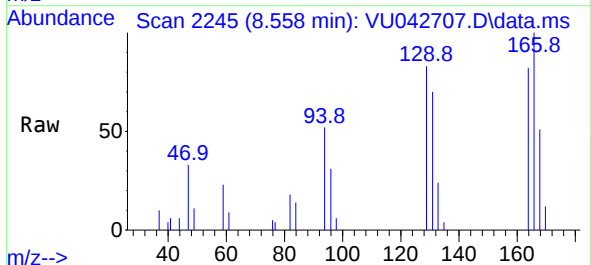
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT1-2021

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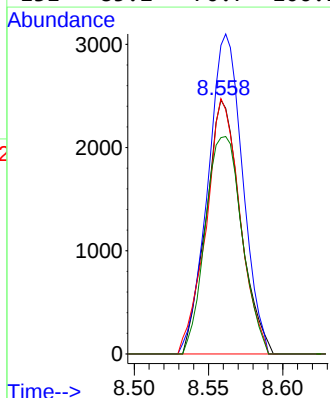
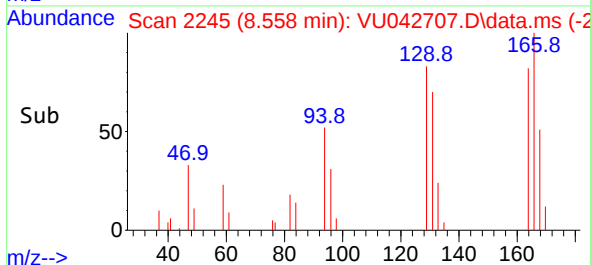


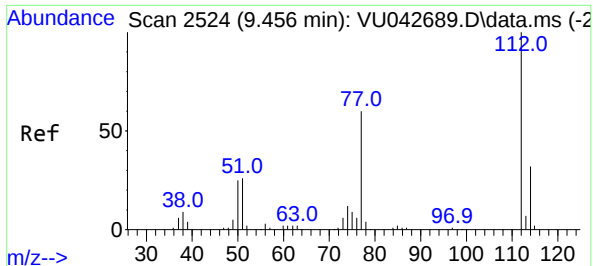
#58
Tetrachloroethene
Concen: 0.80 ug/l
RT: 8.558 min Scan# 2245
Delta R.T. -0.003 min
Lab File: VU042707.D
Acq: 18 Mar 2021 14:01



Tgt Ion: 164 Resp: 3963

Ion	Ratio	Lower	Upper
164	100		
166	121.5	103.0	154.6
129	100.6	72.2	108.2
131	85.2	70.7	106.1





#59

Chlorobenzene

Concen: 0.82 ug/l

RT: 9.455 min Scan# 2524

Delta R.T. -0.000 min

Lab File: VU042707.D

Acq: 18 Mar 2021 14:01

Tgt Ion:112 Resp: 9667

Ion Ratio Lower Upper

112 100

114 31.3 25.4 38.0

Instrument :

MSVOA_U

ClientSampleId :

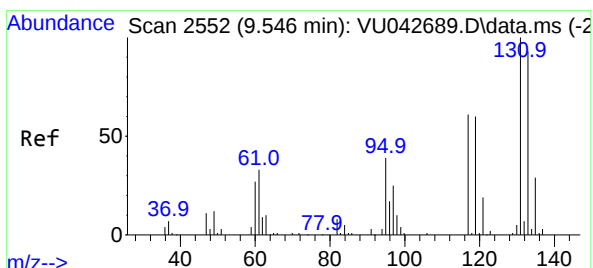
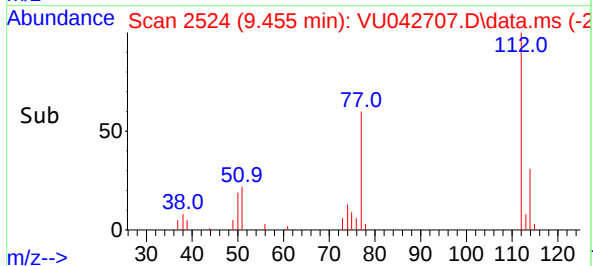
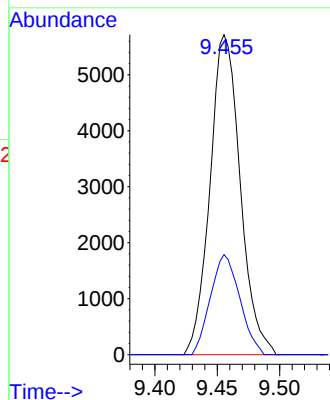
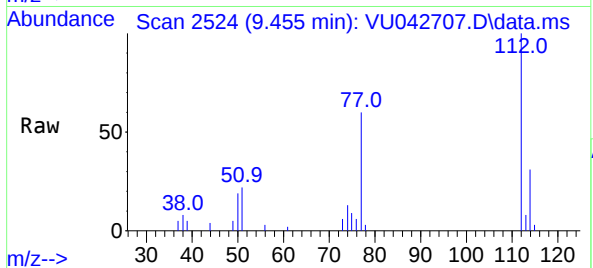
MDL-WATER-03-QT1-2021

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#60

1,1,1,2-Tetrachloroethane

Concen: 0.82 ug/l

RT: 9.542 min Scan# 2551

Delta R.T. -0.003 min

Lab File: VU042707.D

Acq: 18 Mar 2021 14:01

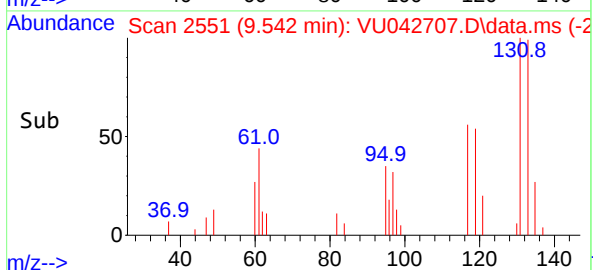
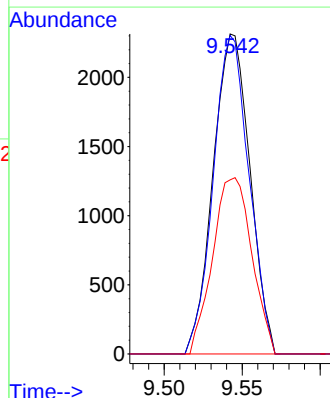
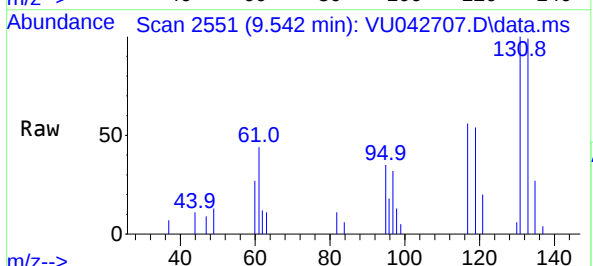
Tgt Ion:131 Resp: 3794

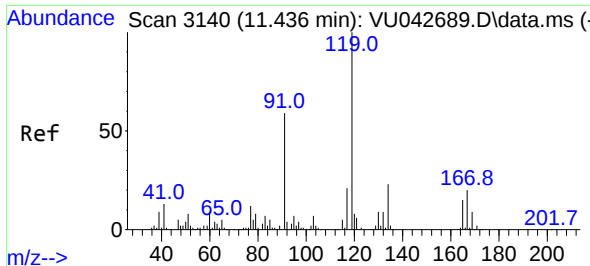
Ion Ratio Lower Upper

131 100

133 96.9 76.1 114.1

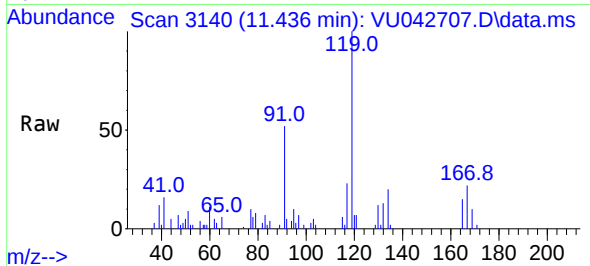
119 58.6 50.1 75.1





#61
Pentachloroethane
Concen: 0.86 ug/l
RT: 11.436 min Scan# 3140
Delta R.T. -0.000 min
Lab File: VU042707.D
Acq: 18 Mar 2021 14:01

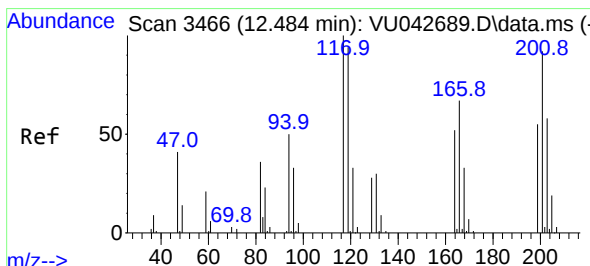
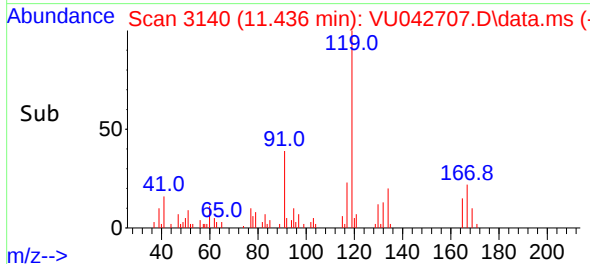
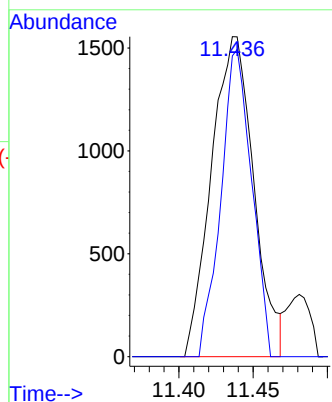
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT1-2021



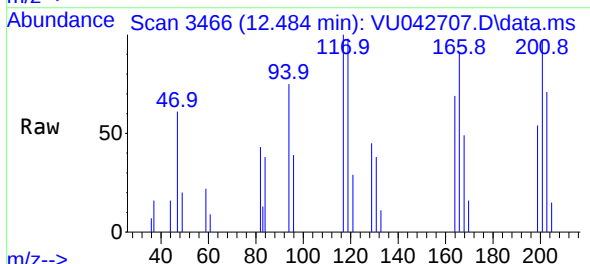
Tgt Ion:117 Resp: 3082
Ion Ratio Lower Upper
117 100
167 69.6 68.7 103.1

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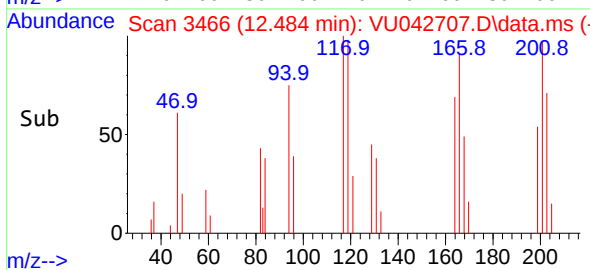
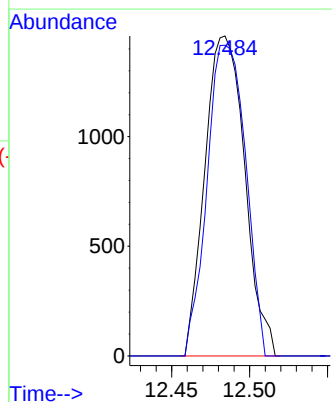
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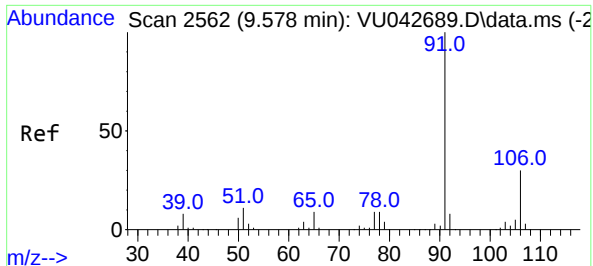


#62
Hexachloroethane
Concen: 0.70 ug/l
RT: 12.484 min Scan# 3466
Delta R.T. -0.000 min
Lab File: VU042707.D
Acq: 18 Mar 2021 14:01



Tgt Ion:117 Resp: 2593
Ion Ratio Lower Upper
117 100
201 94.0 71.8 107.8





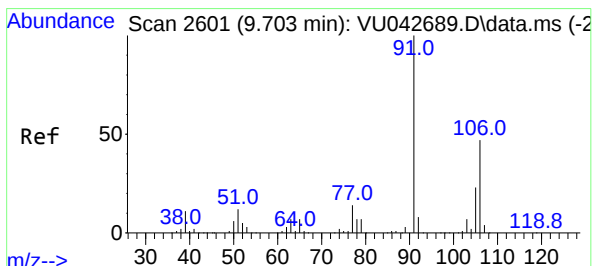
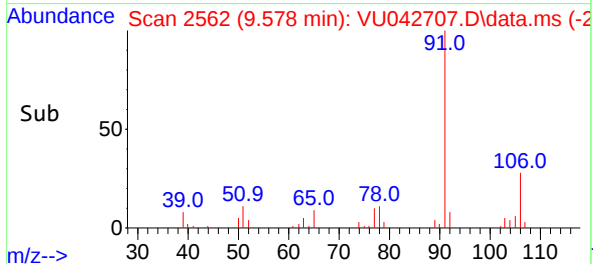
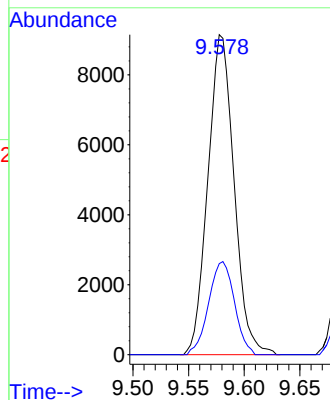
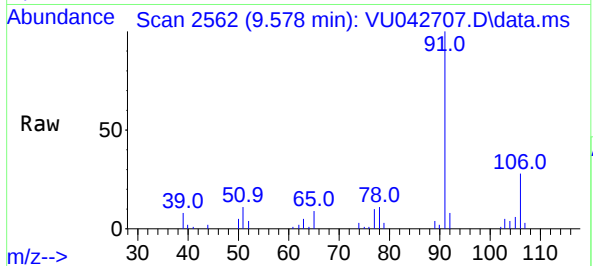
#63
Ethyl Benzene
Concen: 0.74 ug/l
RT: 9.578 min Scan# 2562
Delta R.T. -0.000 min
Lab File: VU042707.D
Acq: 18 Mar 2021 14:01

Tgt Ion: 91 Resp: 14959
Ion Ratio Lower Upper
91 100
106 28.5 24.0 36.0

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT1-2021

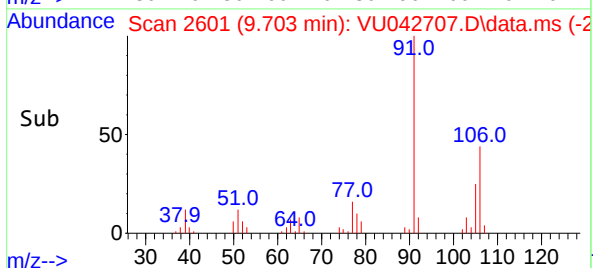
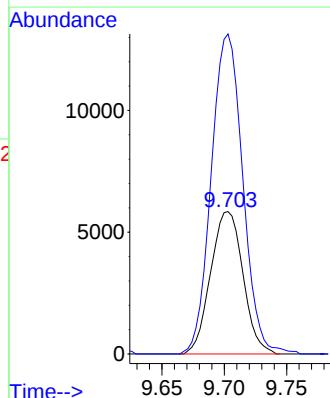
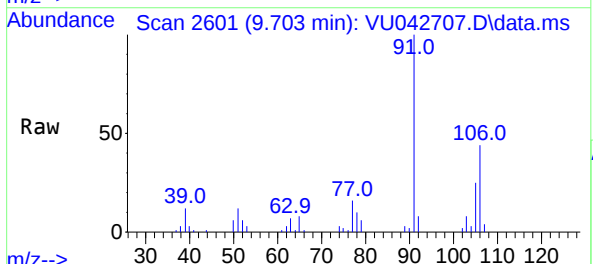
Manual Integrations
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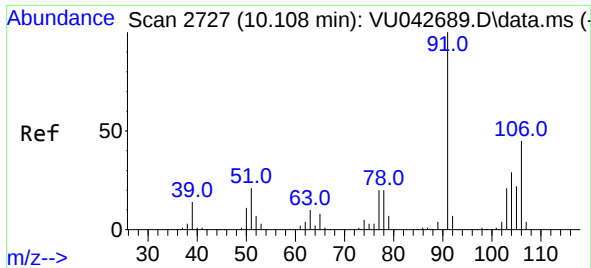
MMDadoda
3/25/2021 1:09:01 PM



#64
m/p-Xylenes
Concen: 1.36 ug/l
RT: 9.703 min Scan# 2601
Delta R.T. -0.000 min
Lab File: VU042707.D
Acq: 18 Mar 2021 14:01

Tgt Ion: 106 Resp: 10574
Ion Ratio Lower Upper
106 100
91 219.4 170.2 255.2





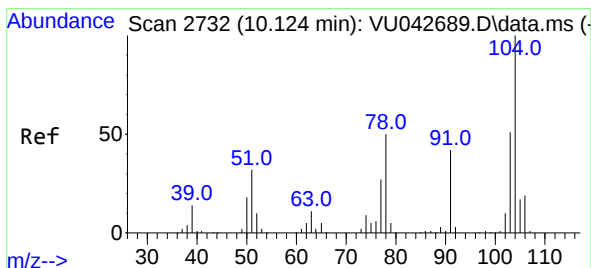
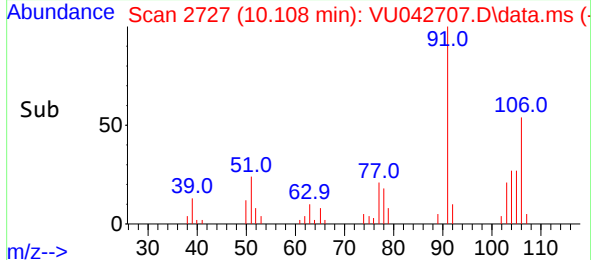
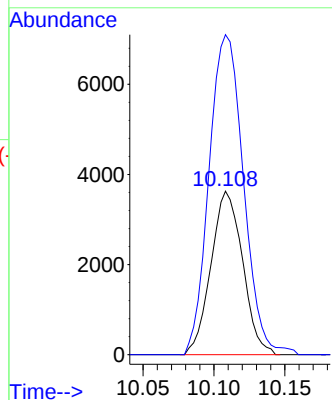
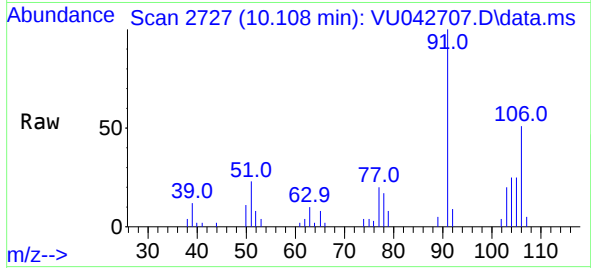
#65
o-Xylene
Concen: 0.75 ug/l
RT: 10.108 min Scan# 2727
Delta R.T. -0.000 min
Lab File: VU042707.D
Acq: 18 Mar 2021 14:01

Tgt Ion:106 Resp: 5643
Ion Ratio Lower Upper
106 100
91 212.9 111.5 334.5

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT1-2021

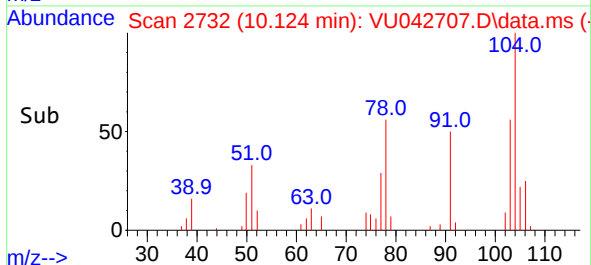
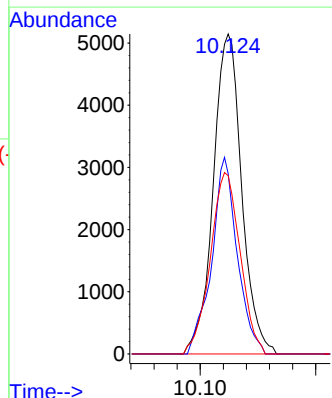
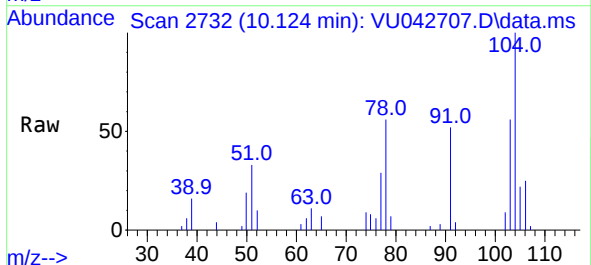
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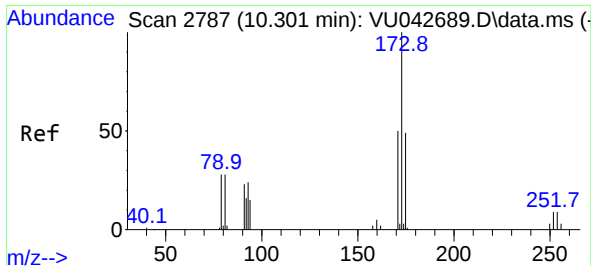
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#66
Styrene
Concen: 0.68 ug/l
RT: 10.124 min Scan# 2732
Delta R.T. -0.000 min
Lab File: VU042707.D
Acq: 18 Mar 2021 14:01

Tgt Ion:104 Resp: 8793
Ion Ratio Lower Upper
104 100
78 55.3 43.6 65.4
103 59.5 44.7 67.1





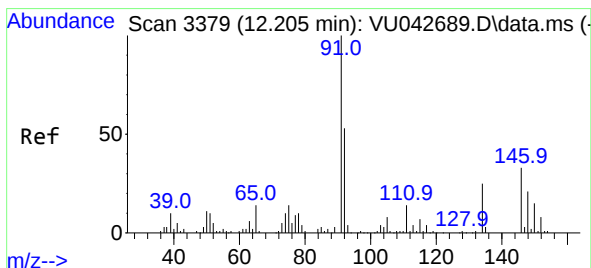
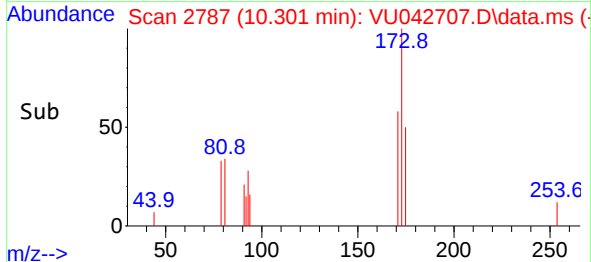
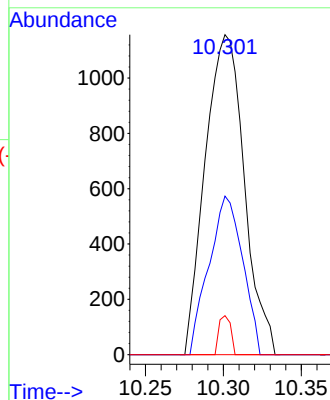
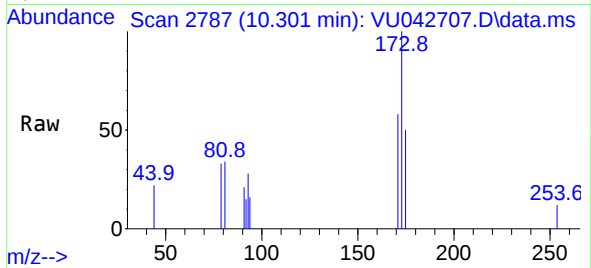
#67
Bromoform
Concen: 0.71 ug/l
RT: 10.301 min Scan# 2787
Delta R.T. -0.000 min
Lab File: VU042707.D
Acq: 18 Mar 2021 14:01

Tgt Ion:	173	Resp:	2014
Ion Ratio	Lower	Upper	
173	100		
175	42.8	37.4	56.0
254	3.7	7.0	10.4#

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT1-2021

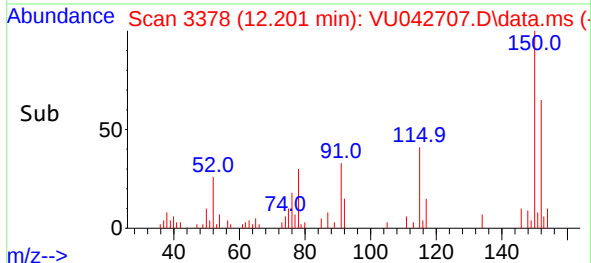
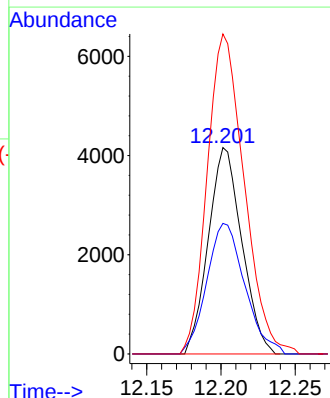
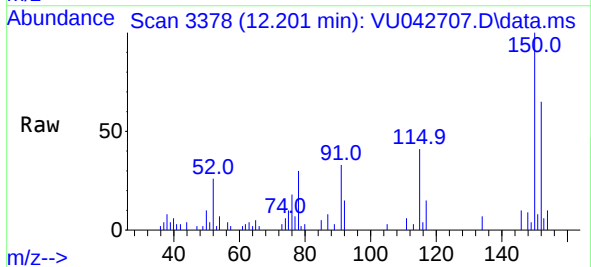
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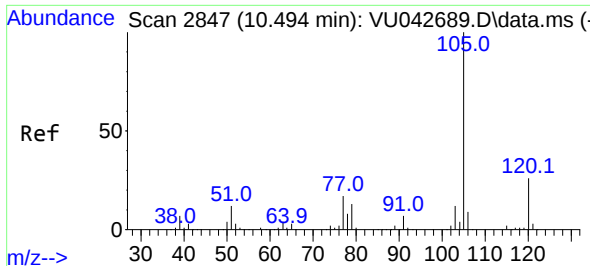
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#68
1,2-Dichlorobenzene-d4
Concen: 0.89 ug/l
RT: 12.201 min Scan# 3378
Delta R.T. -0.004 min
Lab File: VU042707.D
Acq: 18 Mar 2021 14:01

Tgt Ion:	152	Resp:	6535
Ion Ratio	Lower	Upper	
152	100		
115	71.8	0.0	271.0
150	170.8	0.0	633.0





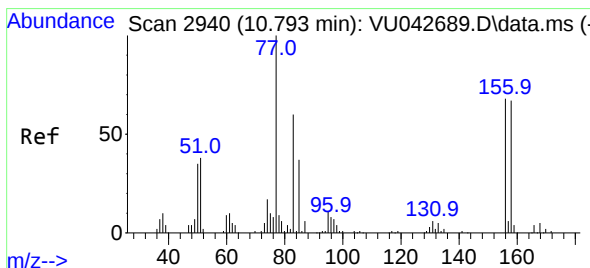
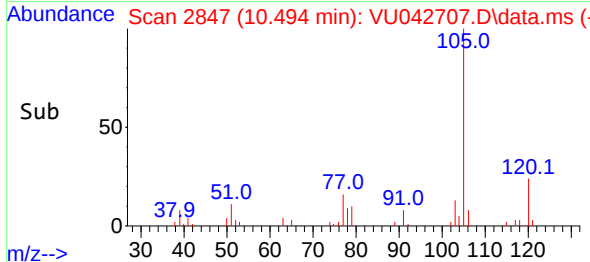
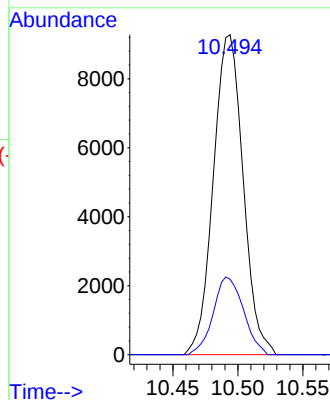
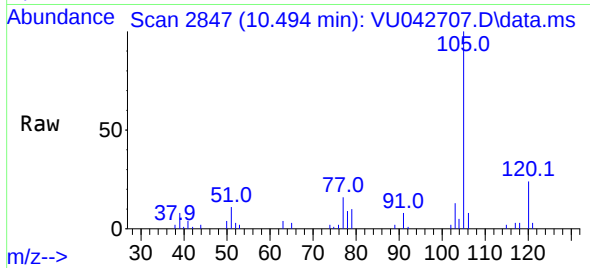
#69
Isopropylbenzene
Concen: 0.72 ug/l
RT: 10.494 min Scan# 2847
Delta R.T. -0.000 min
Lab File: VU042707.D
Acq: 18 Mar 2021 14:01

Tgt Ion: 105 Resp: 14763
Ion Ratio Lower Upper
105 100
120 24.7 13.3 39.9

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT1-2021

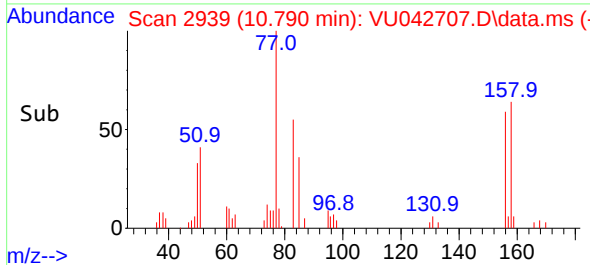
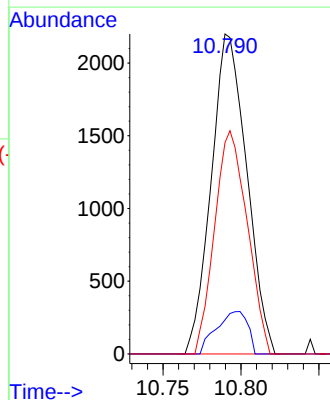
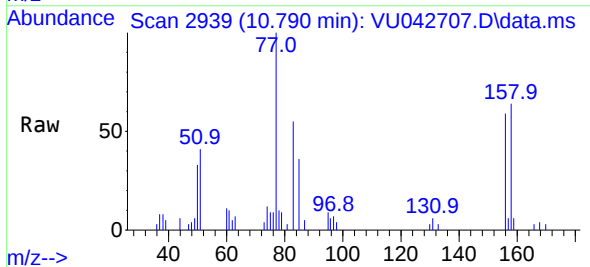
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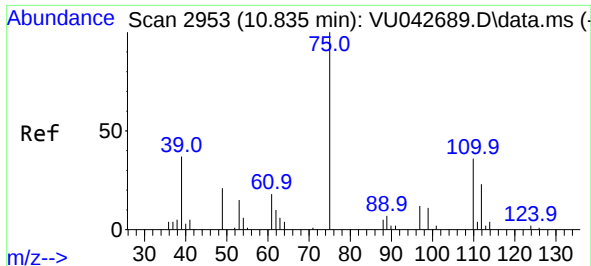
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#70
1,1,2,2-Tetrachloroethane
Concen: 0.72 ug/l
RT: 10.790 min Scan# 2939
Delta R.T. -0.003 min
Lab File: VU042707.D
Acq: 18 Mar 2021 14:01

Tgt Ion: 83 Resp: 3483
Ion Ratio Lower Upper
83 100
131 11.7 8.3 12.5
85 64.1 51.8 77.8





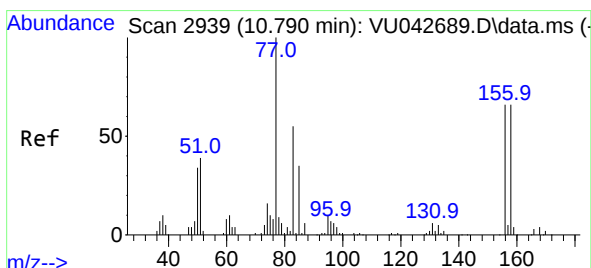
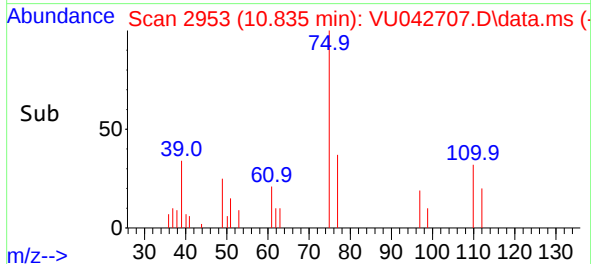
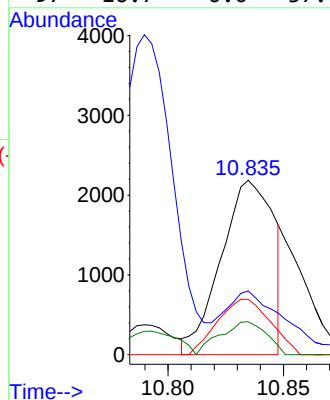
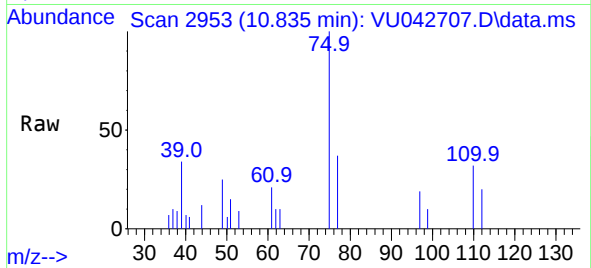
#71
1,2,3-Trichloropropane
Concen: 0.90 ug/l m
RT: 10.835 min Scan# 2953
Delta R.T. -0.000 min
Lab File: VU042707.D
Acq: 18 Mar 2021 14:01

Tgt Ion: 75	Resp: 3453
Ion Ratio	Lower Upper
75 100	
77 41.8	0.0 96.8
110 32.1	0.0 71.8
97 16.7	0.0 37.0

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT1-2021

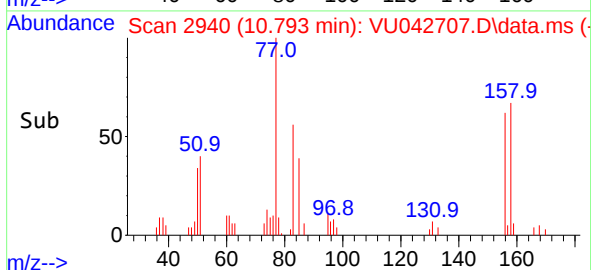
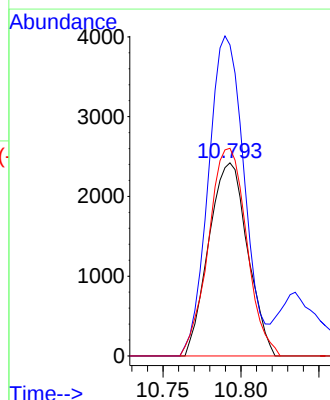
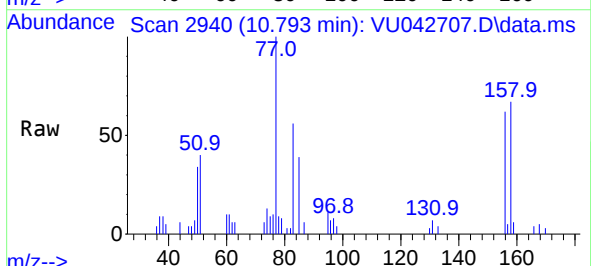
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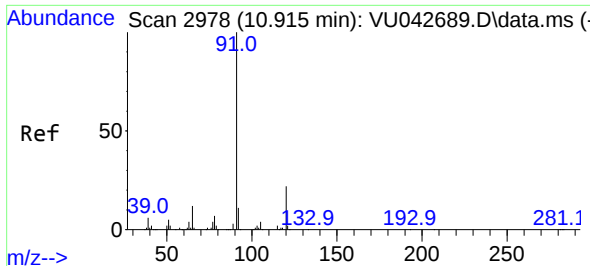
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#72
Bromobenzene
Concen: 0.73 ug/l
RT: 10.793 min Scan# 2940
Delta R.T. 0.003 min
Lab File: VU042707.D
Acq: 18 Mar 2021 14:01

Tgt Ion:156	Resp:	4195	
Ion	Ratio	Lower	Upper
156	100		
77	154.3	0.0	301.6
158	105.7	0.0	195.6





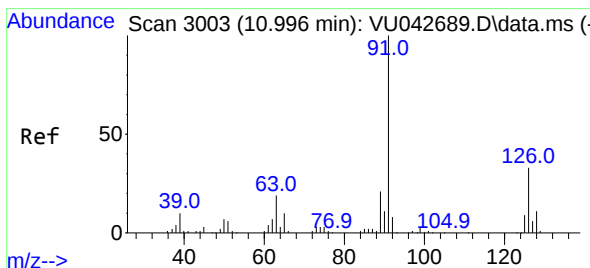
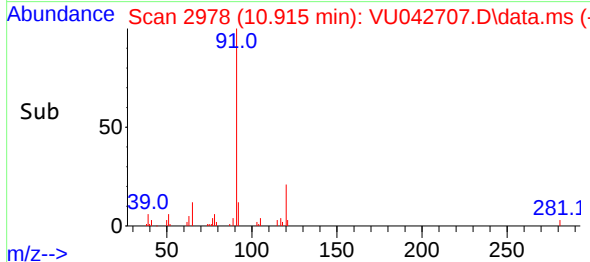
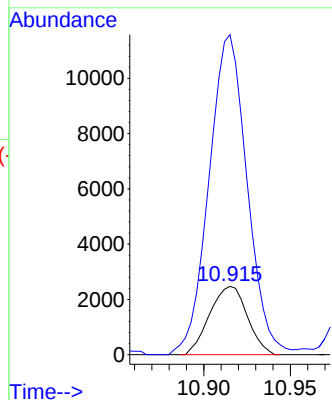
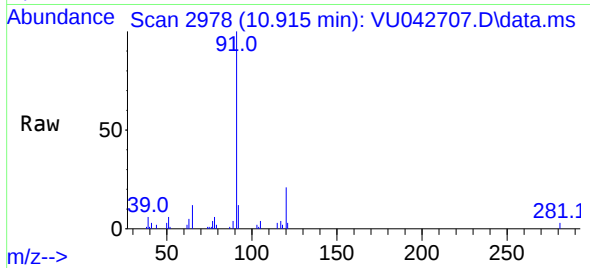
#73
n-propylbenzene
Concen: 0.65 ug/l
RT: 10.915 min Scan# 2978
Delta R.T. -0.000 min
Lab File: VU042707.D
Acq: 18 Mar 2021 14:01

Tgt Ion:120 Resp: 3739
Ion Ratio Lower Upper
120 100
91 474.2 356.2 534.2

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT1-2021

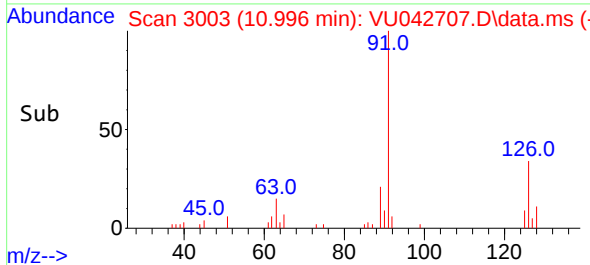
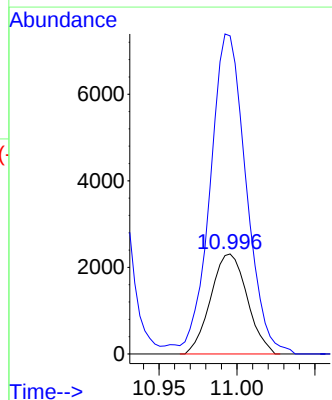
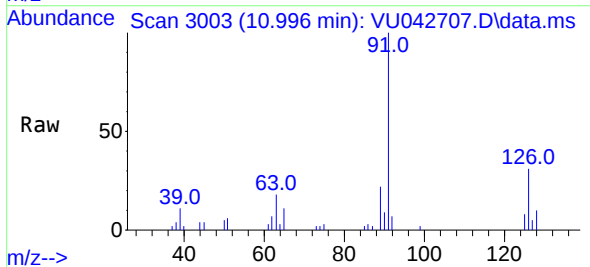
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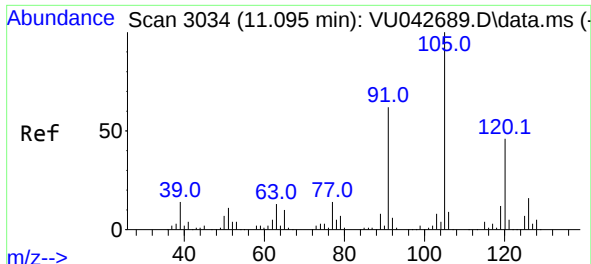
MMDadoda
3/25/2021 1:09:01 PM



#74
2-Chlorotoluene
Concen: 0.72 ug/l
RT: 10.996 min Scan# 3003
Delta R.T. -0.000 min
Lab File: VU042707.D
Acq: 18 Mar 2021 14:01

Tgt Ion:126 Resp: 3745
Ion Ratio Lower Upper
126 100
91 315.2 0.0 589.4





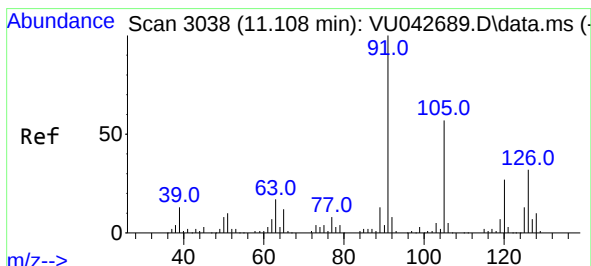
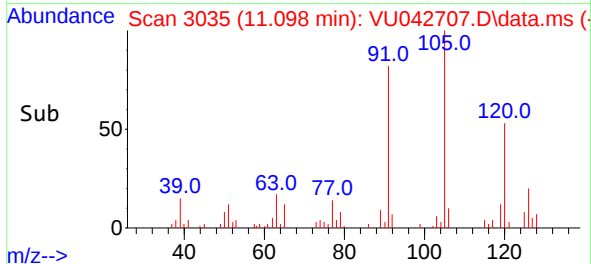
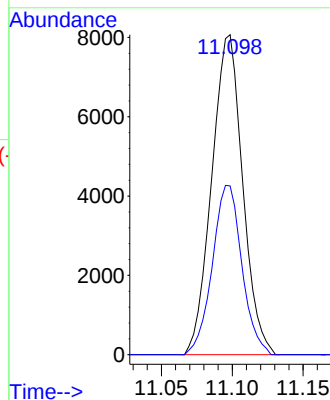
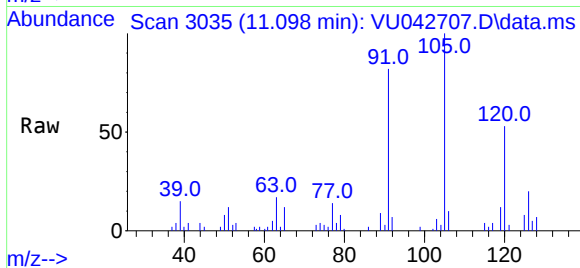
#75
1,3,5-Trimethylbenzene
Concen: 0.67 ug/l
RT: 11.098 min Scan# 3035
Delta R.T. 0.003 min
Lab File: VU042707.D
Acq: 18 Mar 2021 14:01

Tgt Ion:105 Resp: 12264
Ion Ratio Lower Upper
105 100
120 50.6 37.4 56.2

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT1-2021

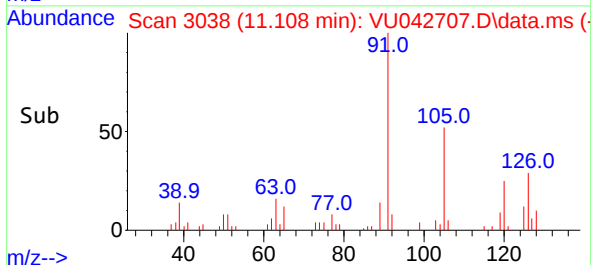
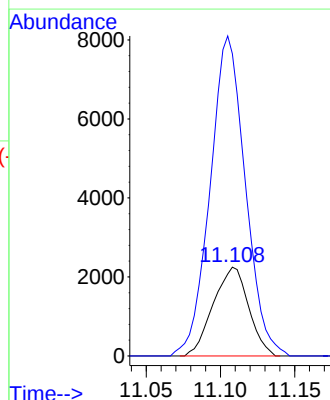
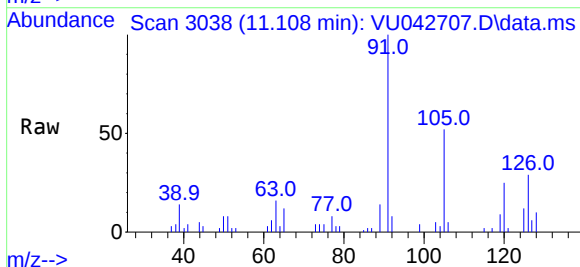
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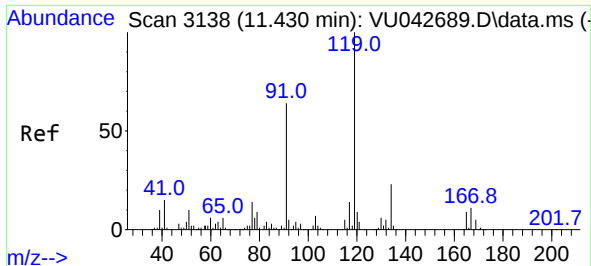
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#76
4-Chlorotoluene
Concen: 0.68 ug/l
RT: 11.108 min Scan# 3038
Delta R.T. -0.000 min
Lab File: VU042707.D
Acq: 18 Mar 2021 14:01

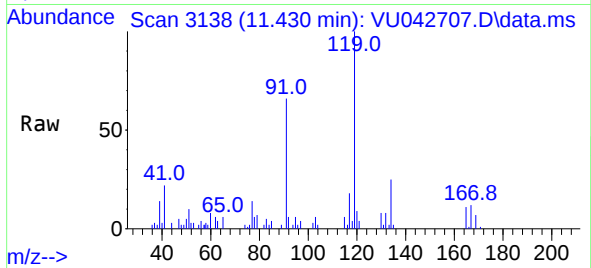
Tgt Ion:126 Resp: 3727
Ion Ratio Lower Upper
126 100
91 359.1 0.0 668.8





#77
tert-Butylbenzene
Concen: 0.72 ug/l
RT: 11.430 min Scan# 3138
Delta R.T. -0.000 min
Lab File: VU042707.D
Acq: 18 Mar 2021 14:01

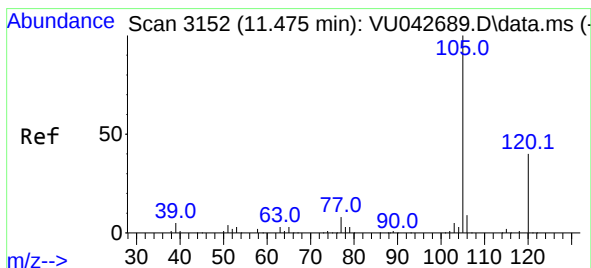
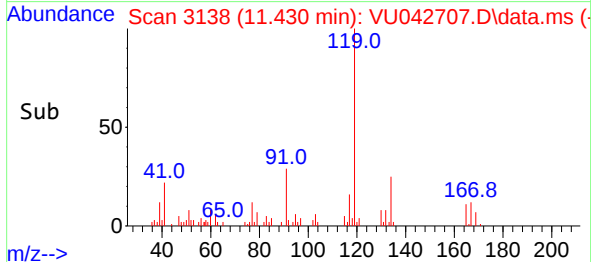
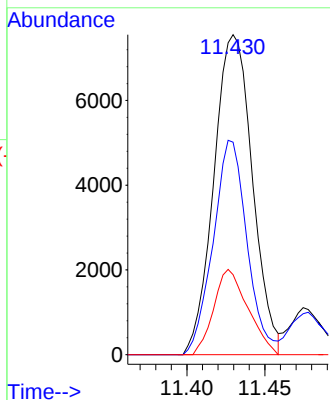
Instrument :
MSVOA_U
ClientSampleId :
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Tgt Ion:119 Resp: 12994
Ion Ratio Lower Upper
119 100
91 59.1 31.2 93.6
134 23.6 18.4 27.6

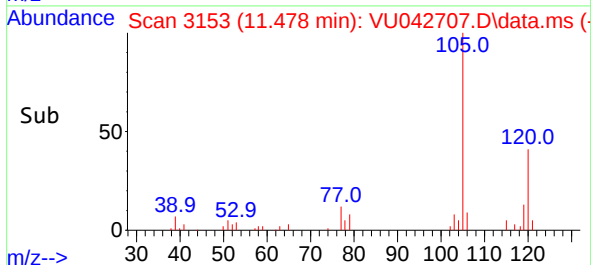
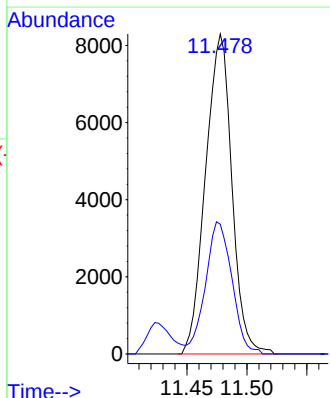
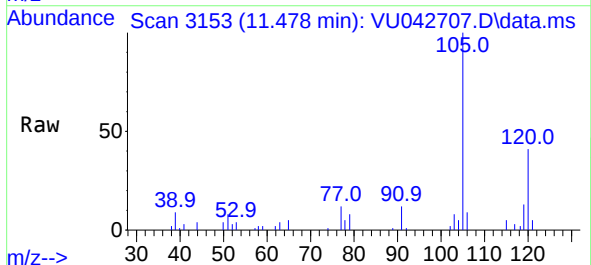
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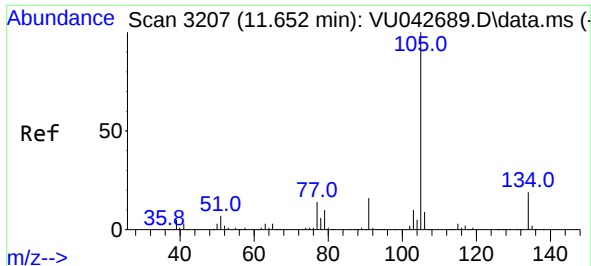
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#78
1,2,4-Trimethylbenzene
Concen: 0.67 ug/l
RT: 11.478 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VU042707.D
Acq: 18 Mar 2021 14:01

Tgt Ion:105 Resp: 12661
Ion Ratio Lower Upper
105 100
120 41.5 22.1 66.5





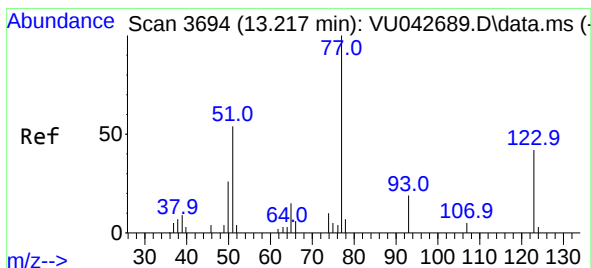
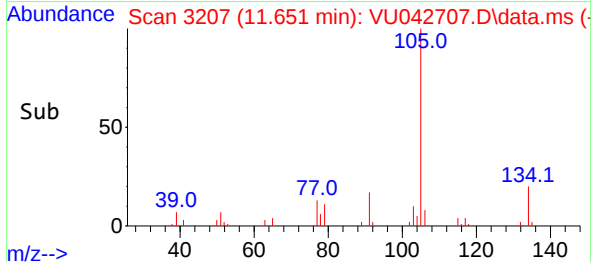
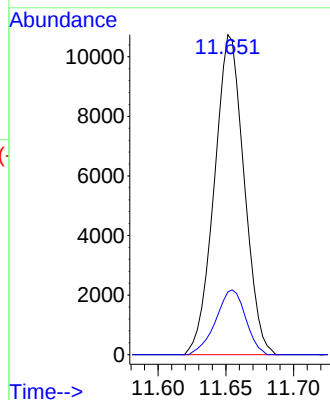
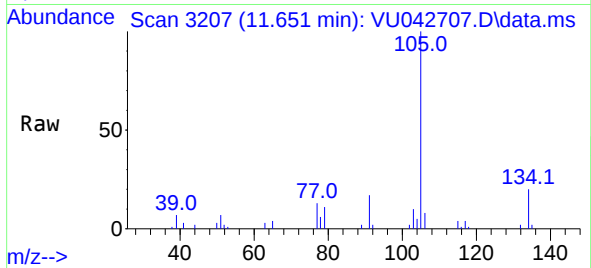
#79
sec-Butylbenzene
Concen: 0.67 ug/l
RT: 11.651 min Scan# 3207
Delta R.T. -0.000 min
Lab File: VU042707.D
Acq: 18 Mar 2021 14:01

Tgt Ion: 105 Resp: 16400
Ion Ratio Lower Upper
105 100
134 20.3 15.9 23.9

Instrument :
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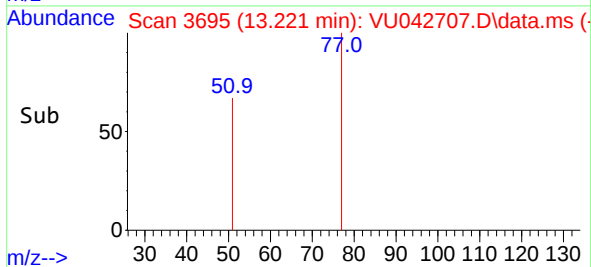
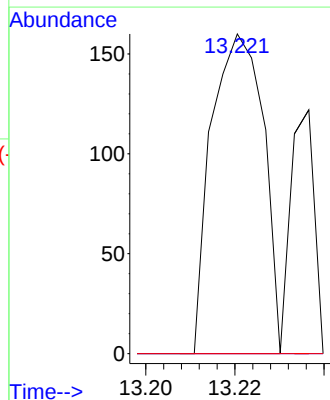
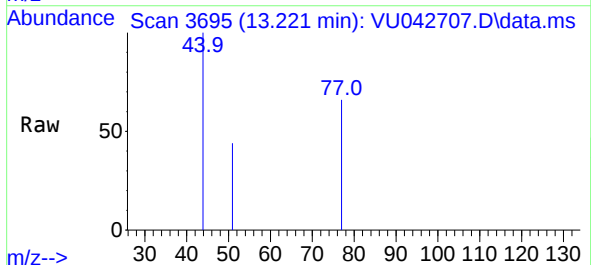
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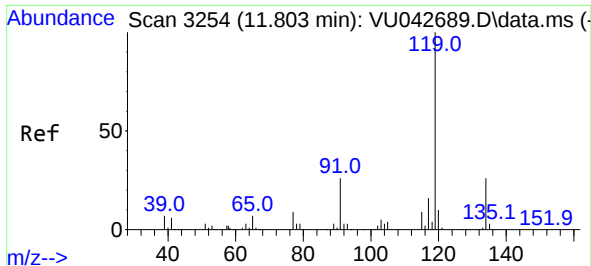
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#80
Nitrobenzene
Concen: 5.35 ug/l
RT: 13.221 min Scan# 3695
Delta R.T. 0.004 min
Lab File: VU042707.D
Acq: 18 Mar 2021 14:01

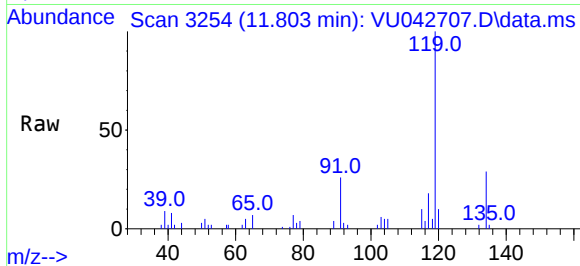
Tgt Ion: 77 Resp: 129
Ion Ratio Lower Upper
77 100
123 0.0 18.2 64.4#
65 0.0 12.9 16.5#





#81
p-Isopropyltoluene
Concen: 0.64 ug/l
RT: 11.803 min Scan# 3254
Delta R.T. -0.000 min
Lab File: VU042707.D
Acq: 18 Mar 2021 14:01

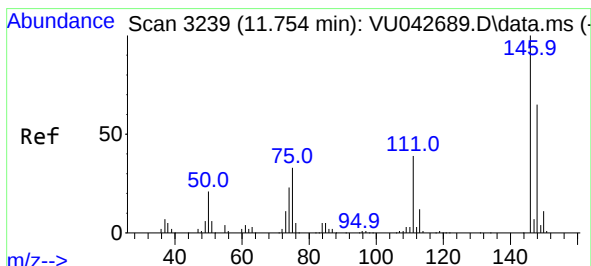
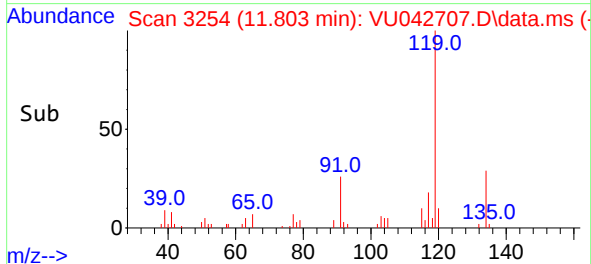
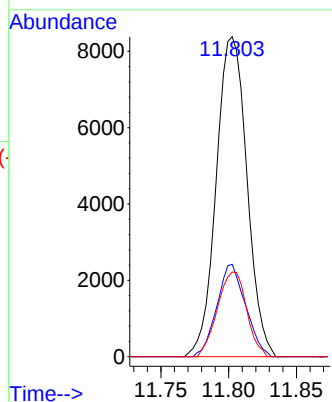
Instrument :
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ClientSampleId :
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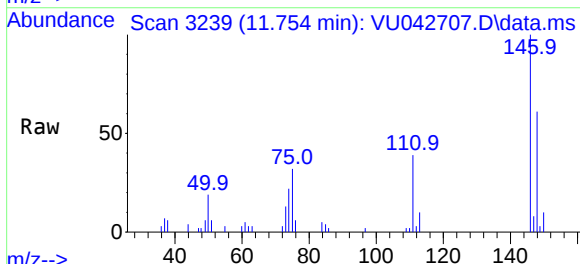
Tgt Ion:119 Resp: 13210
Ion Ratio Lower Upper
119 100
134 27.0 21.2 31.8
91 25.1 20.5 30.7

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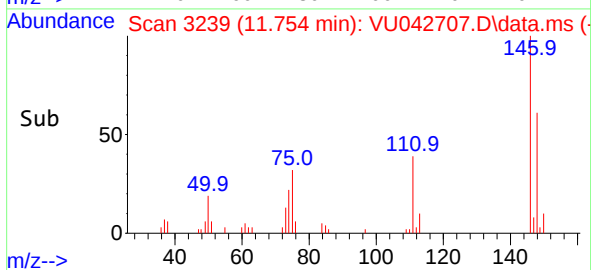
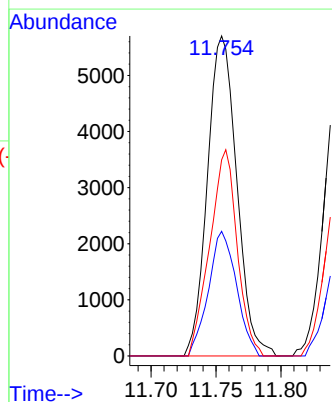
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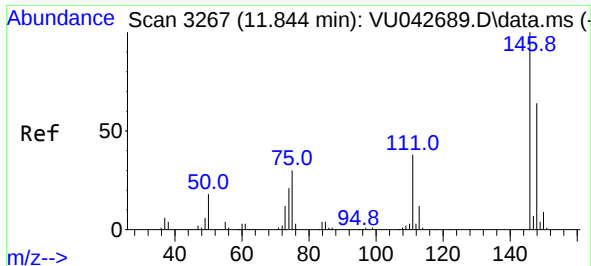


#82
1,3-Dichlorobenzene
Concen: 0.78 ug/l
RT: 11.754 min Scan# 3239
Delta R.T. -0.000 min
Lab File: VU042707.D
Acq: 18 Mar 2021 14:01



Tgt Ion:146 Resp: 8966
Ion Ratio Lower Upper
146 100
111 37.1 31.6 47.4
148 60.1 51.0 76.4





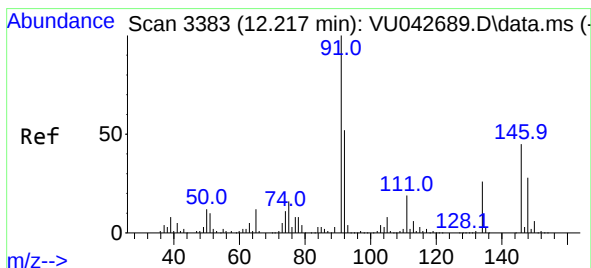
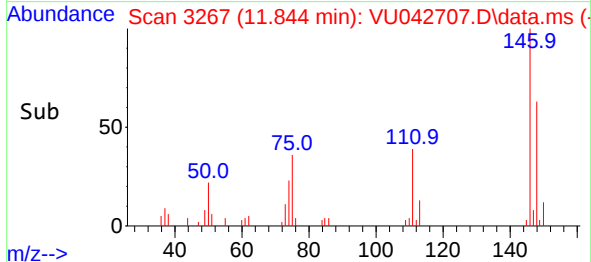
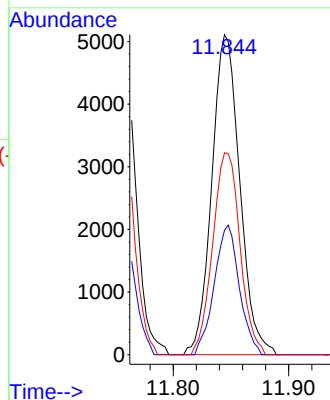
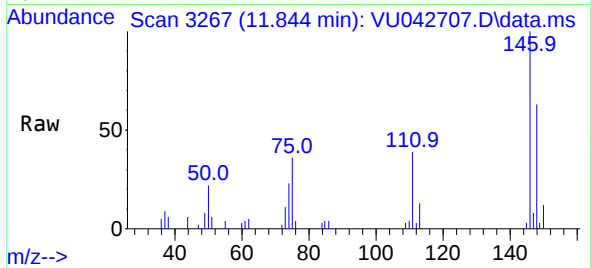
#83
1,4-Dichlorobenzene
Concen: 0.75 ug/l
RT: 11.844 min Scan# 3267
Delta R.T. -0.000 min
Lab File: VU042707.D
Acq: 18 Mar 2021 14:01

Tgt Ion:	146	Resp:	8596
Ion	Ratio	Lower	Upper
146	100		
111	36.3	30.5	45.7
148	61.6	51.1	76.7

Instrument :
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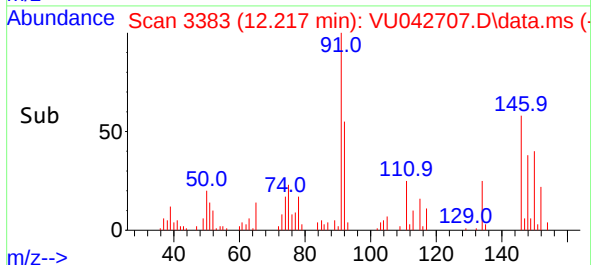
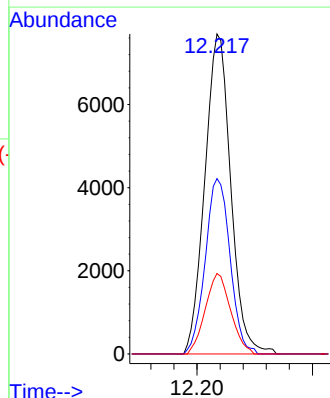
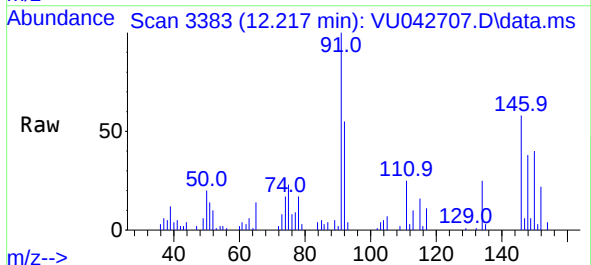
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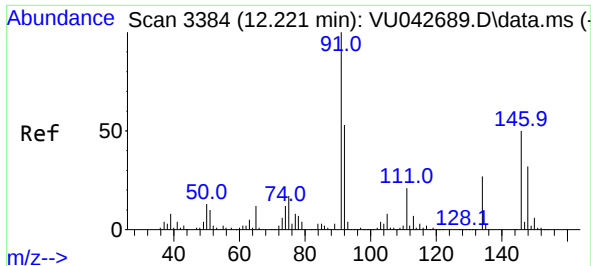
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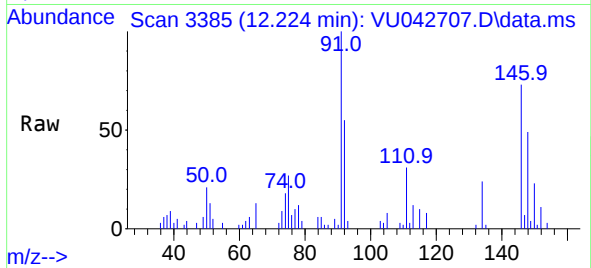
#84
n-Butylbenzene
Concen: 0.61 ug/l
RT: 12.217 min Scan# 3383
Delta R.T. 0.000 min
Lab File: VU042707.D
Acq: 18 Mar 2021 14:01

Tgt Ion:	91	Resp:	11992
Ion	Ratio	Lower	Upper
91	100		
92	52.4	42.0	63.0
134	24.5	20.5	30.7

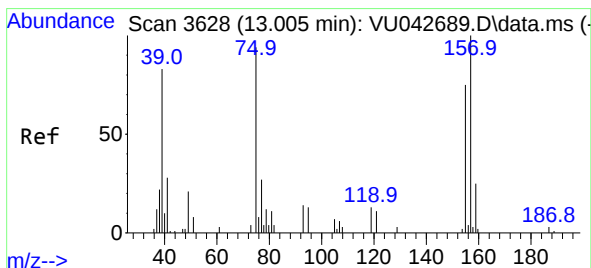
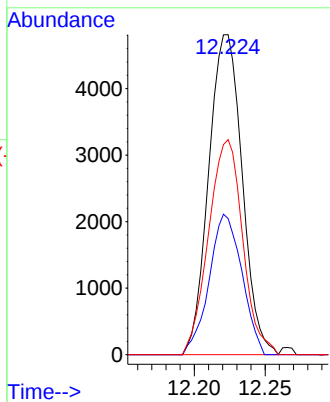
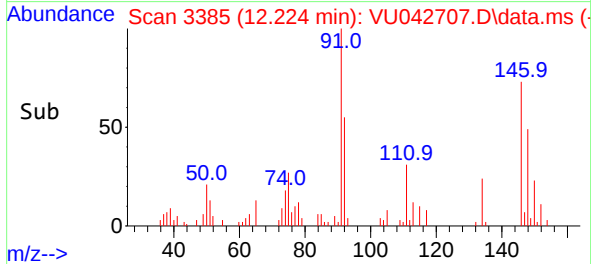




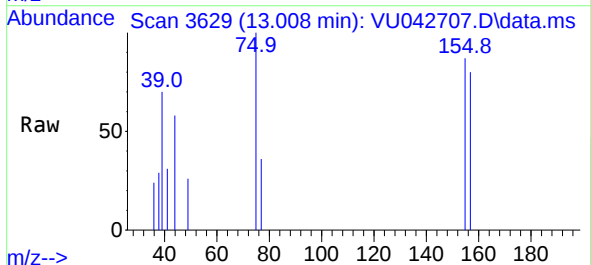
#85
1,2-Dichlorobenzene
Concen: 0.70 ug/l
RT: 12.224 min Scan# 3385
Delta R.T. 0.003 min
Lab File: VU042707.D
Acq: 18 Mar 2021 14:01



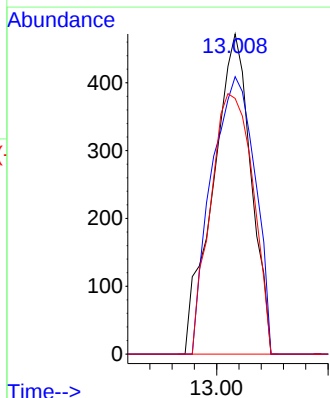
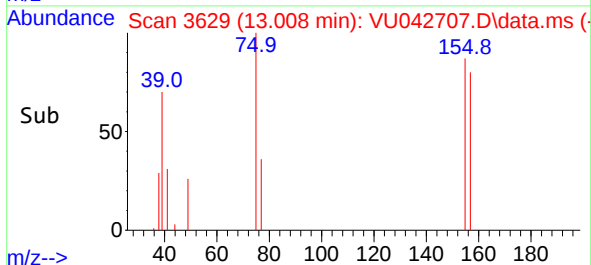
Tgt Ion: 146 Resp: 7909
Ion Ratio Lower Upper
146 100
111 42.9 20.3 60.8
148 68.5 31.7 95.1



#86
1,2-Dibromo-3-Chloropropane
Concen: 0.62 ug/l
RT: 13.008 min Scan# 3629
Delta R.T. 0.003 min
Lab File: VU042707.D
Acq: 18 Mar 2021 14:01



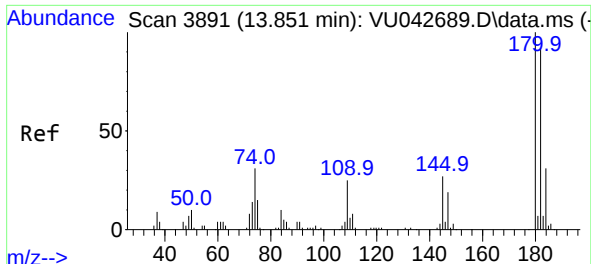
Tgt Ion: 75 Resp: 560
Ion Ratio Lower Upper
75 100
155 98.8 62.8 94.2#
157 90.4 84.0 126.0



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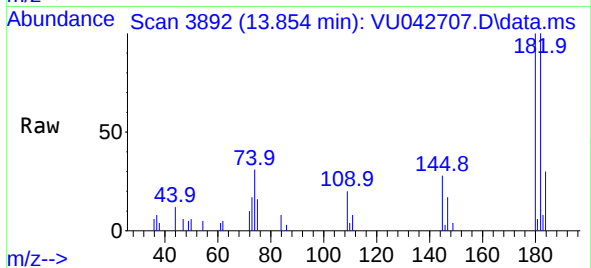
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#87
1,2,4-Trichlorobenzene
Concen: 0.68 ug/l
RT: 13.854 min Scan# 3892
Delta R.T. 0.003 min
Lab File: VU042707.D
Acq: 18 Mar 2021 14:01

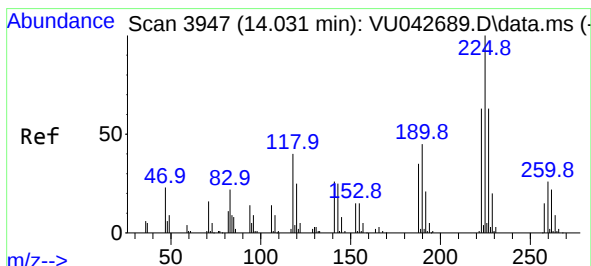
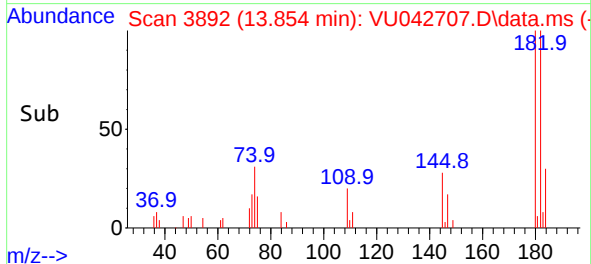
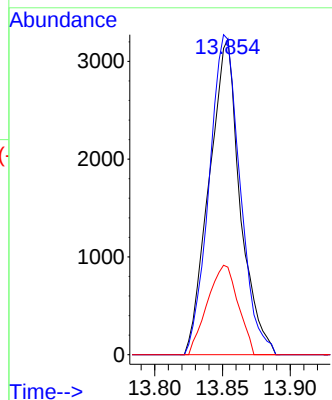
Instrument :
MSVOA_U
ClientSampleId :
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Tgt Ion:180 Resp: 5111
Ion Ratio Lower Upper
180 100
182 101.4 75.4 113.0
145 28.2 22.6 34.0

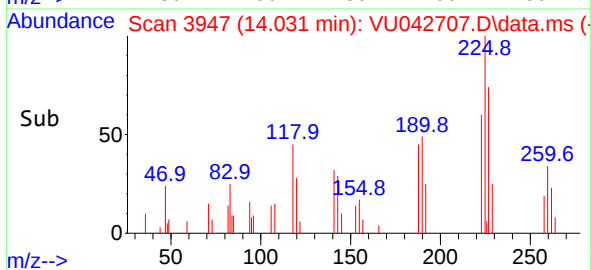
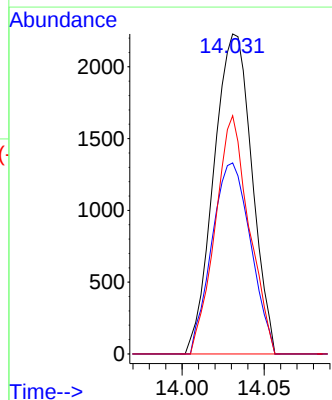
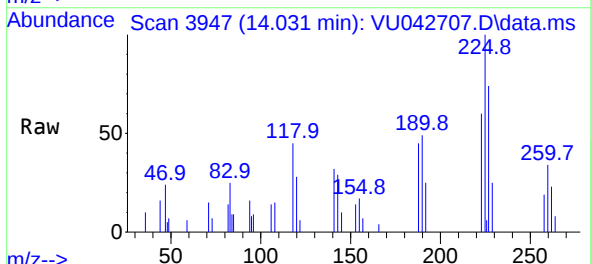
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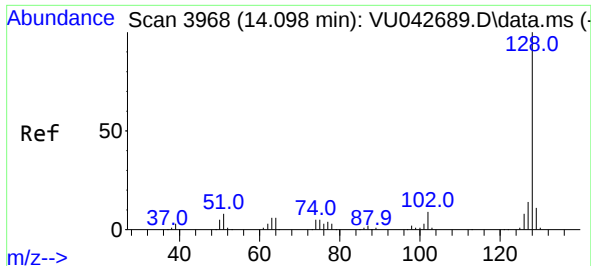
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#88
Hexachlorobutadiene
Concen: 0.71 ug/l
RT: 14.031 min Scan# 3947
Delta R.T. -0.000 min
Lab File: VU042707.D
Acq: 18 Mar 2021 14:01

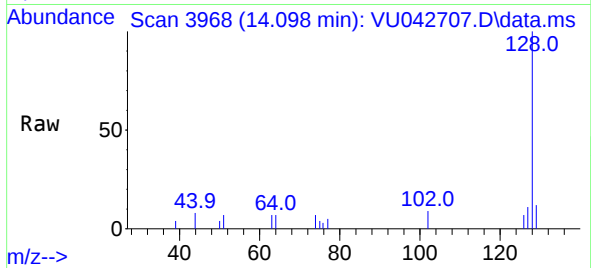
Tgt Ion:225 Resp: 3594
Ion Ratio Lower Upper
225 100
223 60.9 49.7 74.5
227 66.3 50.5 75.7





#89
Naphthalene
Concen: 1.25 ug/l
RT: 14.098 min Scan# 3968
Delta R.T. 0.000 min
Lab File: VU042707.D
Acq: 18 Mar 2021 14:01

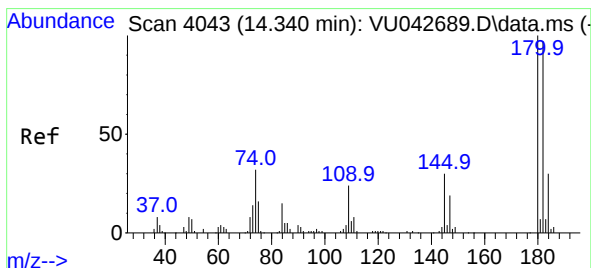
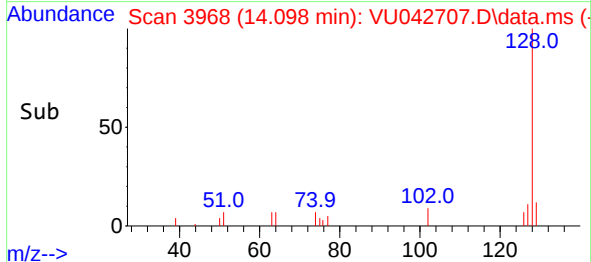
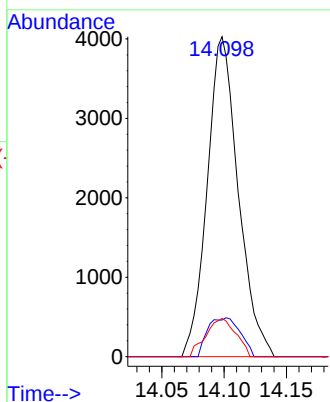
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ClientSampleId :
MDL-WATER-03-QT1-2021



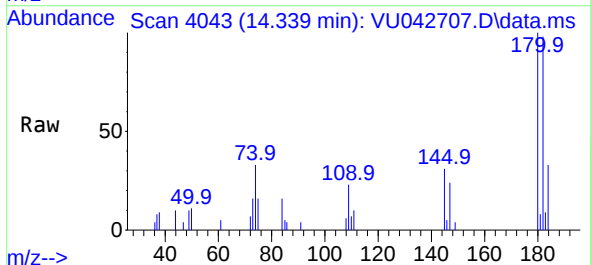
Tgt Ion:	128	Resp:	6991
Ion Ratio	100	Lower	Upper
127	12.7	11.1	16.7
129	11.5	8.6	12.8

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#90
1,2,3-Trichlorobenzene
Concen: 0.65 ug/l
RT: 14.339 min Scan# 4043
Delta R.T. -0.000 min
Lab File: VU042707.D
Acq: 18 Mar 2021 14:01



Tgt Ion:	180	Resp:	4677
Ion Ratio	100	Lower	Upper
182	99.8	77.0	115.4
145	29.6	23.4	35.0

