

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050621\
 Data File : VU043595.D
 Acq On : 06 May 2021 19:49
 Operator : SY/MD
 Sample : M2307-01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-05

Manual Integrations
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Quant Time: May 07 02:07:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U050621W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 06 07:26:23 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.382	168	122978	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	214170	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	208801	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	102040	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	121340	48.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.48%	
35) Dibromofluoromethane	5.298	113	81458	47.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.38%	
50) Toluene-d8	7.906	98	302527	49.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.92%	
62) 4-Bromofluorobenzene	10.639	95	110851	48.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.22%	
Target Compounds						Qvalue
11) Tert butyl alcohol	3.182	59	62467	93.52	ug/l	99
16) Acetone	2.623	43	4351m	3.15	ug/l	
18) Methyl Acetate	2.961	43	3013	0.95	ug/l #	77
22) Diisopropyl ether	3.999	45	24466	4.00	ug/l #	74
31) Cyclohexane	5.395	56	39712	13.37	ug/l	92
39) Methylcyclohexane	6.768	83	11000	4.68	ug/l	94
40) Benzene	5.784	78	565063	77.53	ug/l	99
52) Toluene	7.973	92	8235	1.95	ug/l	94
65) Chlorobenzene	9.456	112	5289	1.15	ug/l	90
67) Ethyl Benzene	9.578	91	6825	2.17	ug/l	96
68) m/p-Xylenes	9.703	106	10220	5.30	ug/l	99
69) o-Xylene	10.108	106	1011	2.16	ug/l	70
73) Isopropylbenzene	10.491	105	31160	4.26	ug/l	99
78) n-propylbenzene	10.912	91	68679	7.68	ug/l	99
80) 1,3,5-Trimethylbenzene	11.092	105	2414	1.08	ug/l	100
84) 1,2,4-Trimethylbenzene	11.472	105	11250	2.69	ug/l	97
85) sec-Butylbenzene	11.648	105	5082	1.93	ug/l	99
88) 1,4-Dichlorobenzene	11.845	146	1380	0.37	ug/l #	50
89) n-Butylbenzene	12.214	91	4590m	3.15	ug/l	
91) 1,2-Dichlorobenzene	12.221	146	2478	0.67	ug/l	92
95) Naphthalene	14.095	128	86244	11.18	ug/l	99

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

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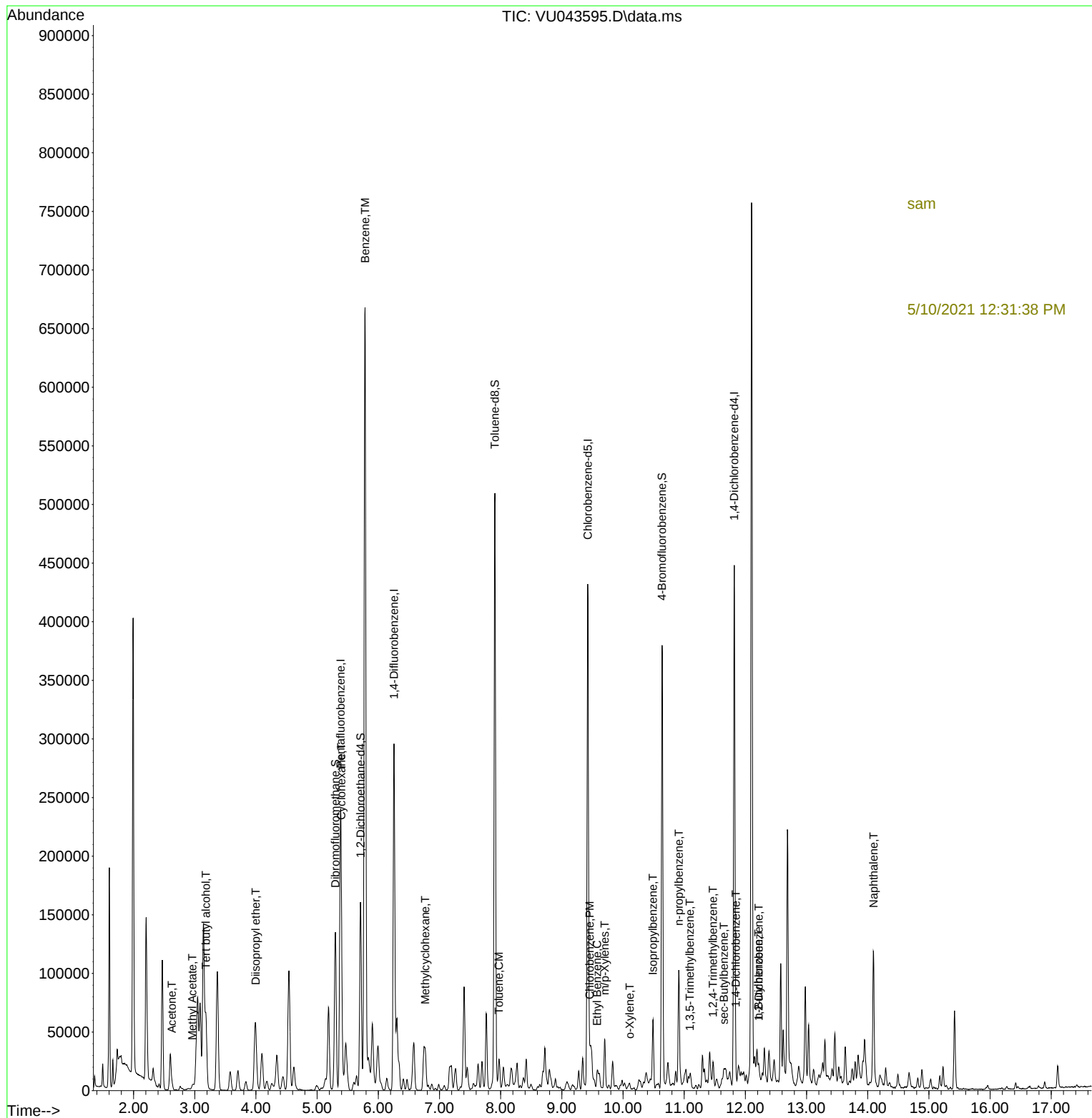
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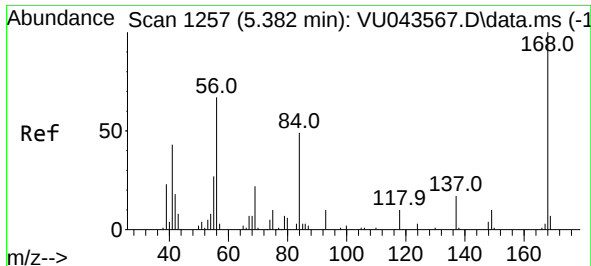
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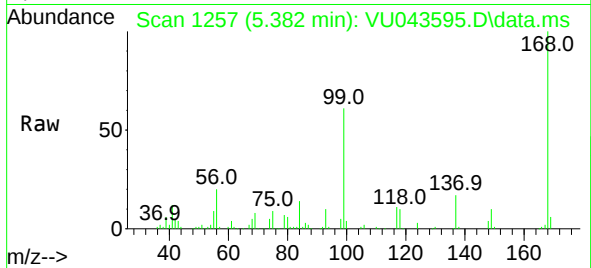


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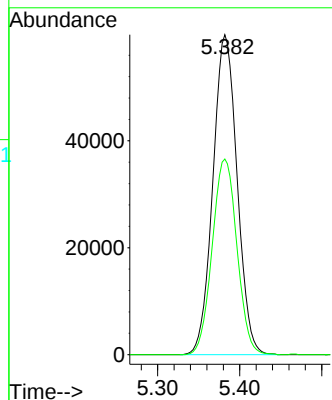
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#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VU043595.D
Acq: 06 May 2021 19:49



Tgt Ion:168 Resp: 122978
Ion Ratio Lower Upper
168 100
99 61.1 49.0 73.6

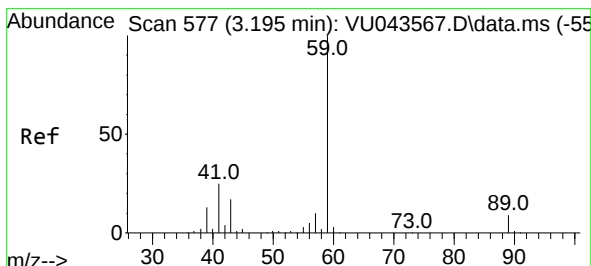
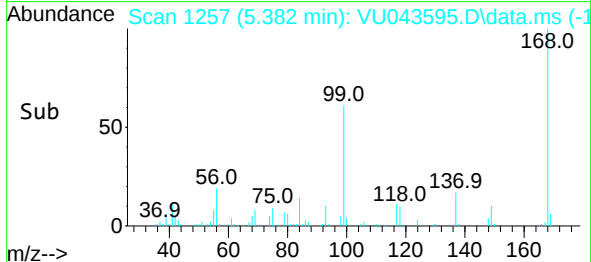


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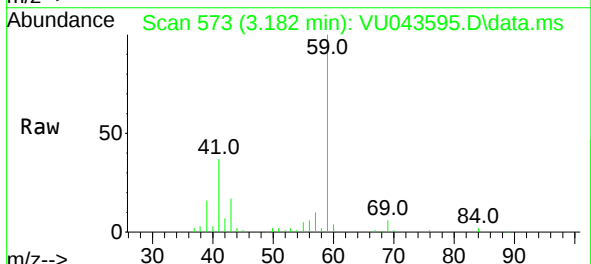
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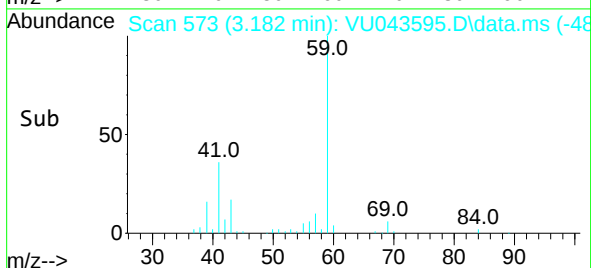
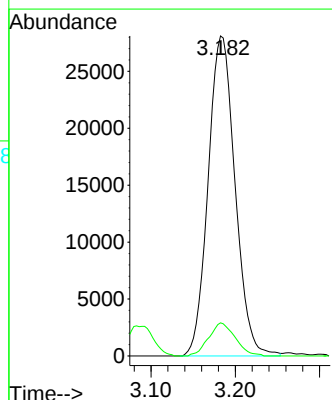
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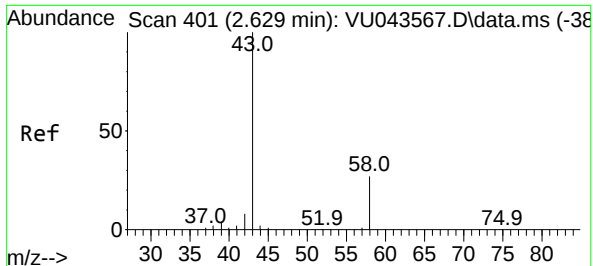
#11
Tert butyl alcohol
Concen: 93.52 ug/l
RT: 3.182 min Scan# 573
Delta R.T. -0.013 min
Lab File: VU043595.D
Acq: 06 May 2021 19:49



Tgt Ion: 59 Resp: 62467
Ion Ratio Lower Upper
59 100
57 10.2 8.0 12.0



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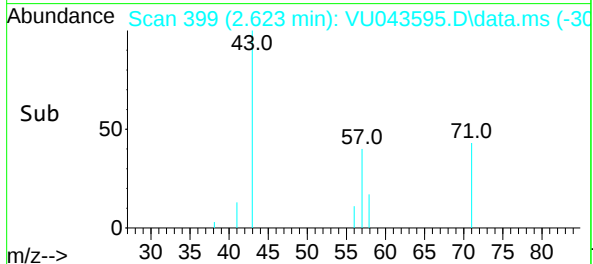
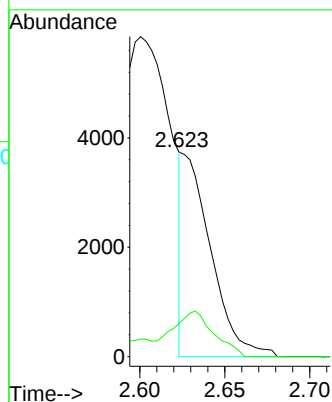
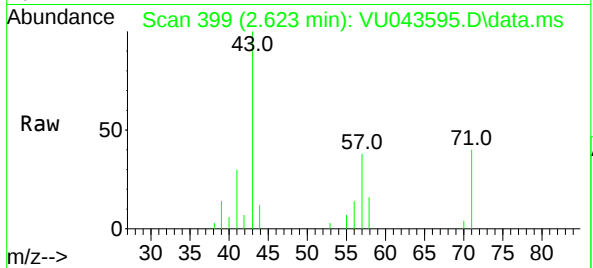
#16
Acetone
Concen: 3.15 ug/l m
RT: 2.623 min Scan# 399
Delta R.T. -0.006 min
Lab File: VU043595.D
Acq: 06 May 2021 19:49

Tgt Ion: 43 Resp: 4351
Ion Ratio Lower Upper
43 100
58 16.2 21.7 32.5#

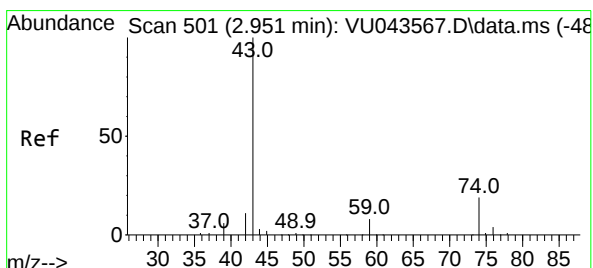
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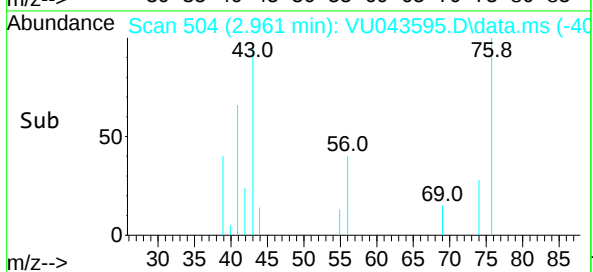
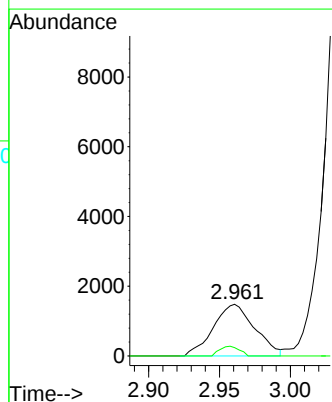
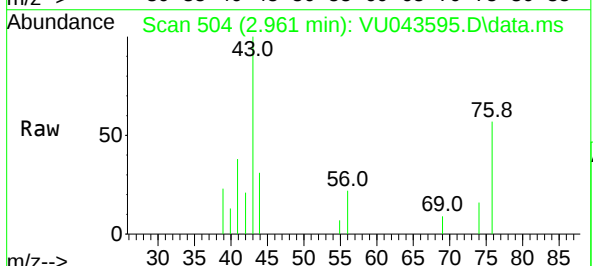
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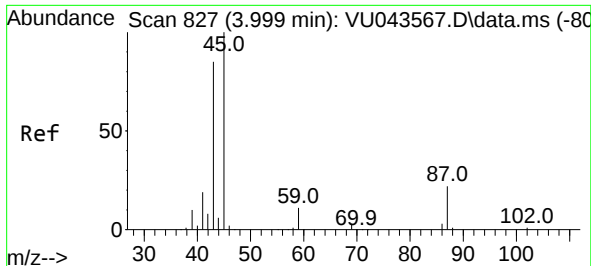


#18
Methyl Acetate
Concen: 0.95 ug/l
RT: 2.961 min Scan# 504
Delta R.T. 0.010 min
Lab File: VU043595.D
Acq: 06 May 2021 19:49

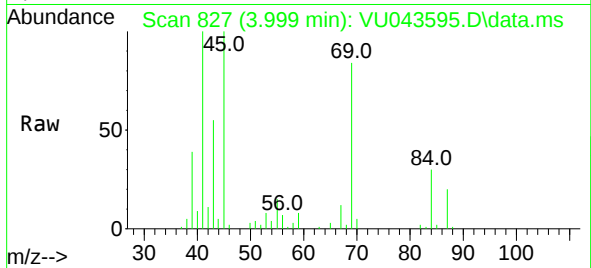
Tgt Ion: 43 Resp: 3013
Ion Ratio Lower Upper
43 100
74 8.9 15.3 22.9#

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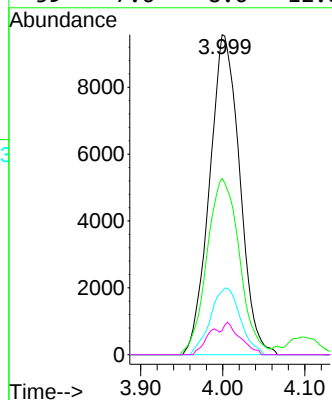




#22
Diisopropyl ether
Concen: 4.00 ug/l
RT: 3.999 min Scan# 827
Delta R.T. 0.000 min
Lab File: VU043595.D
Acq: 06 May 2021 19:49



Tgt Ion	Ratio	Lower	Upper
45	100		
43	55.1	69.0	103.4#
87	19.9	17.8	26.6
59	7.6	8.6	12.8#



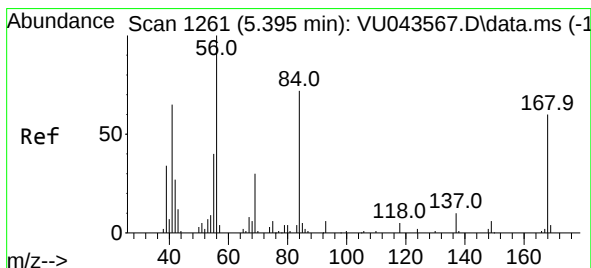
Instrument :
MSVOA_U
ClientSampleId :
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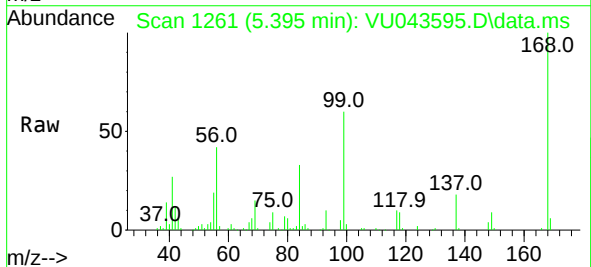
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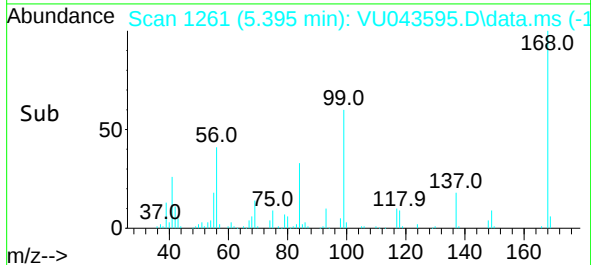
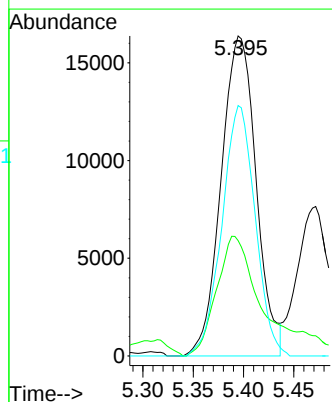
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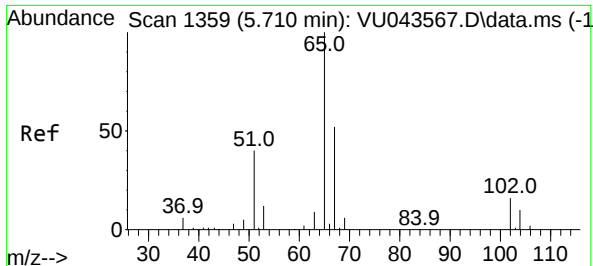


#31
Cyclohexane
Concen: 13.37 ug/l
RT: 5.395 min Scan# 1261
Delta R.T. 0.000 min
Lab File: VU043595.D
Acq: 06 May 2021 19:49



Tgt Ion	Ratio	Lower	Upper
56	100		
69	35.2	23.9	35.9
84	78.2	57.7	86.5





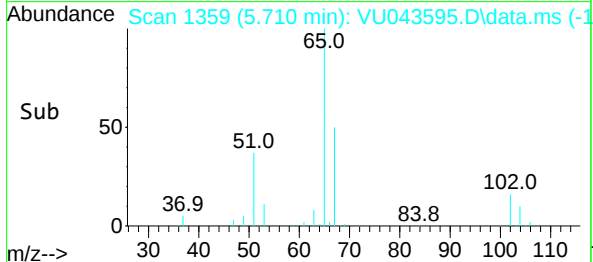
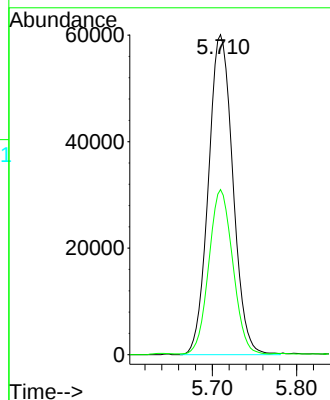
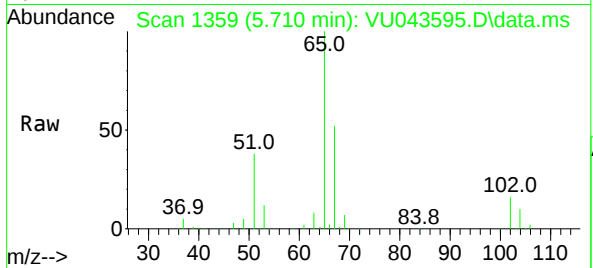
#33
 1,2-Dichloroethane-d4
 Concen: 48.74 ug/l
 RT: 5.710 min Scan# 1359
 Delta R.T. 0.000 min
 Lab File: VU043595.D
 Acq: 06 May 2021 19:49

Tgt Ion: 65 Resp: 121340
 Ion Ratio Lower Upper
 65 100
 67 50.1 0.0 104.6

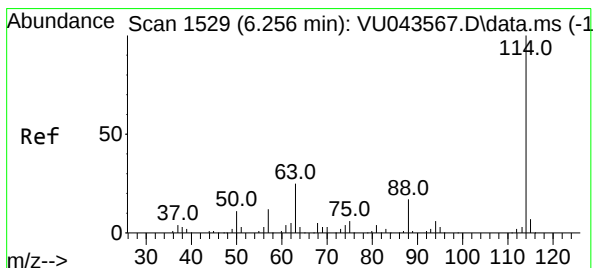
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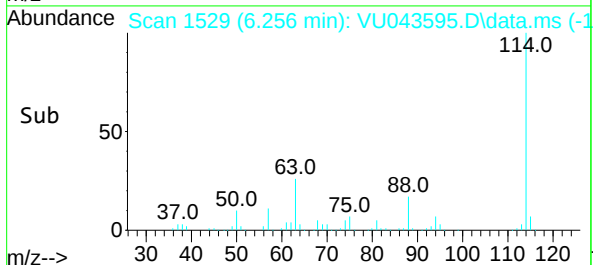
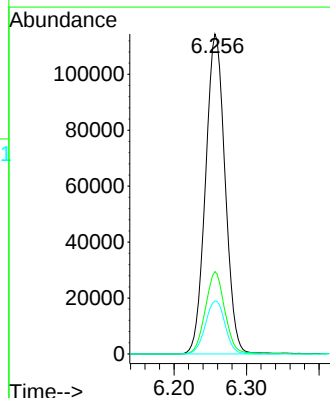
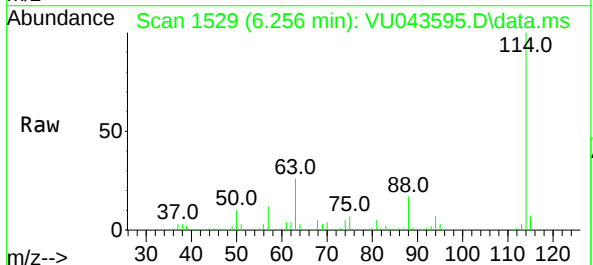
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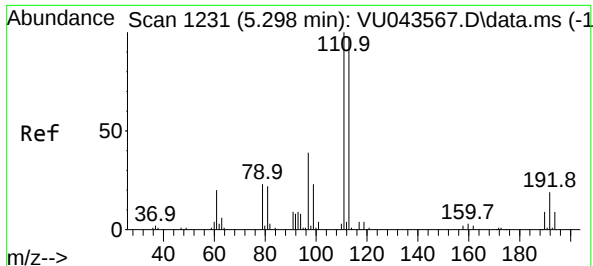


#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.256 min Scan# 1529
 Delta R.T. 0.000 min
 Lab File: VU043595.D
 Acq: 06 May 2021 19:49

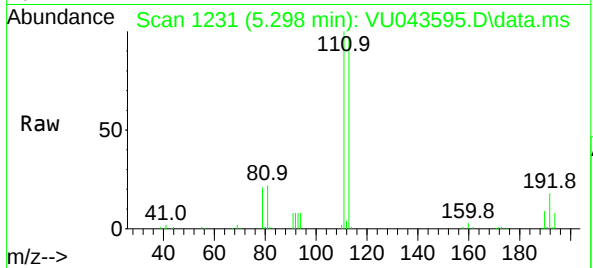
Tgt Ion: 114 Resp: 214170
 Ion Ratio Lower Upper
 114 100
 63 25.7 0.0 50.2
 88 16.5 0.0 33.8

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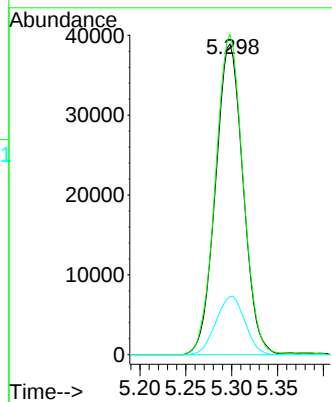
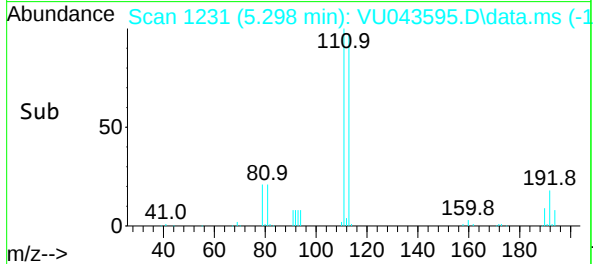




#35
Dibromofluoromethane
Concen: 47.69 ug/l
RT: 5.298 min Scan# 1231
Delta R.T. 0.000 min
Lab File: VU043595.D
Acq: 06 May 2021 19:49



Tgt Ion: 113 Resp: 81458
Ion Ratio Lower Upper
113 100
111 103.4 82.3 123.5
192 19.7 15.8 23.6



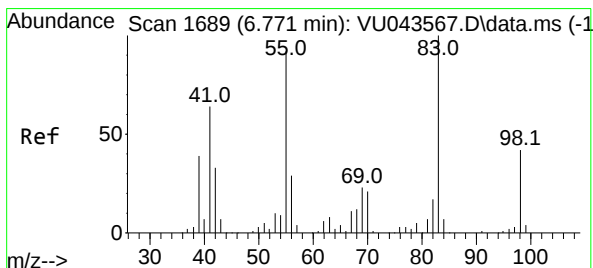
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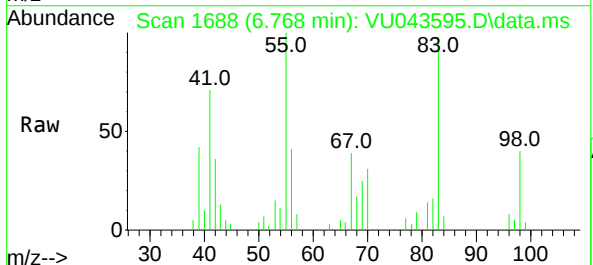
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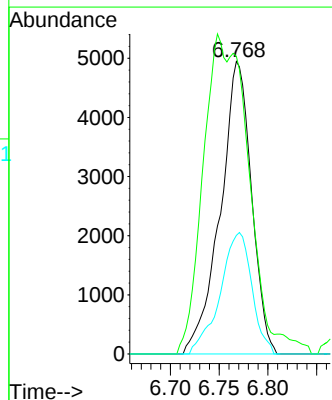
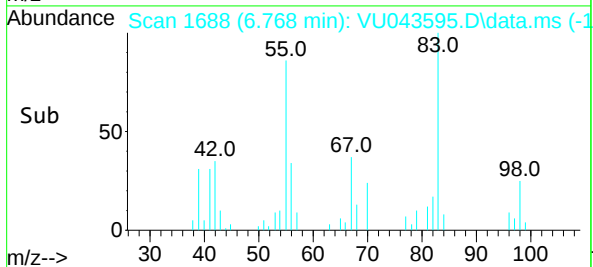
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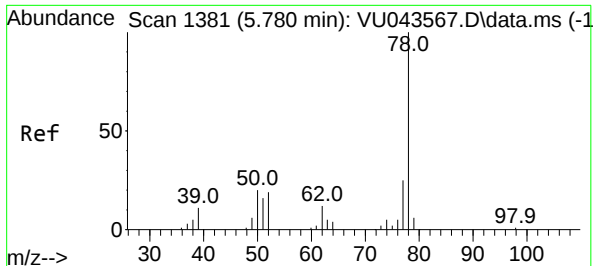


#39
Methylcyclohexane
Concen: 4.68 ug/l
RT: 6.768 min Scan# 1688
Delta R.T. -0.003 min
Lab File: VU043595.D
Acq: 06 May 2021 19:49



Tgt Ion: 83 Resp: 11000
Ion Ratio Lower Upper
83 100
55 98.5 73.7 110.5
98 40.5 34.0 51.0





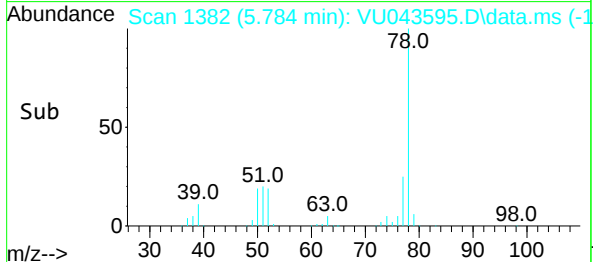
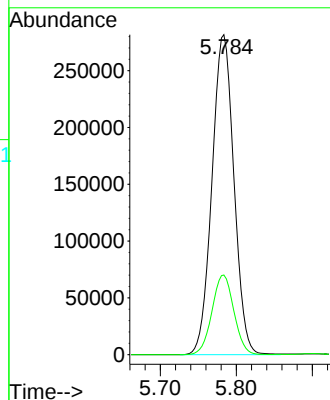
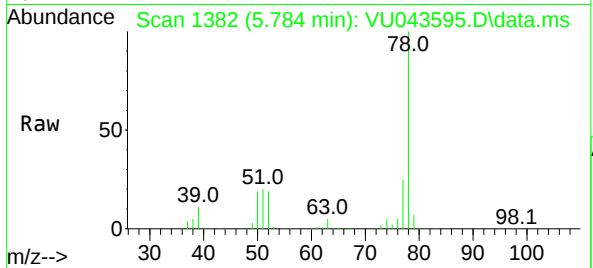
#40
Benzene
Concen: 77.53 ug/l
RT: 5.784 min Scan# 1382
Delta R.T. 0.003 min
Lab File: VU043595.D
Acq: 06 May 2021 19:49

Tgt Ion: 78 Resp: 565063
Ion Ratio Lower Upper
78 100
77 24.9 19.7 29.5

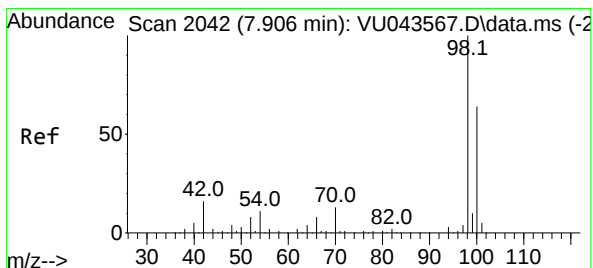
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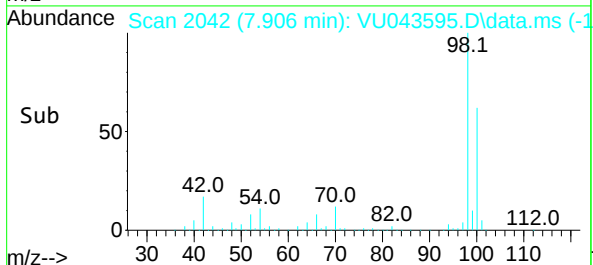
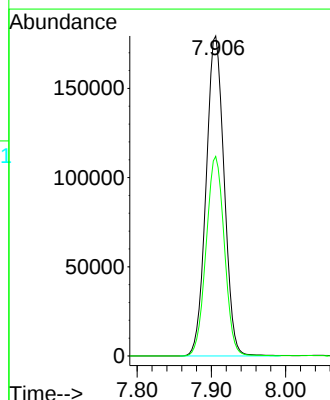
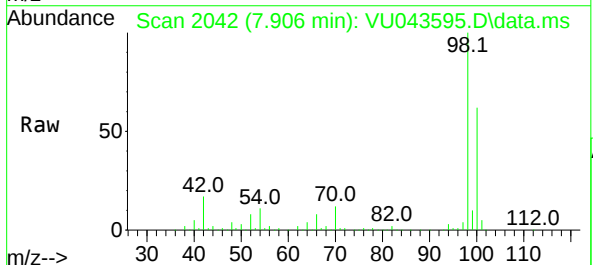
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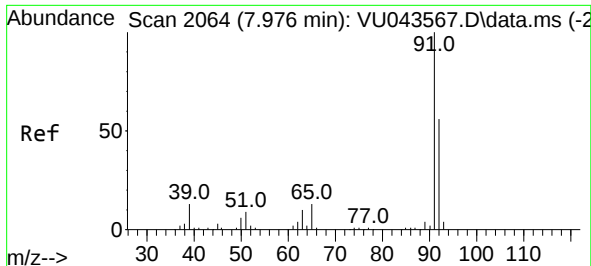


#50
Toluene-d8
Concen: 49.96 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. 0.000 min
Lab File: VU043595.D
Acq: 06 May 2021 19:49

Tgt Ion: 98 Resp: 302527
Ion Ratio Lower Upper
98 100
100 63.1 50.5 75.7

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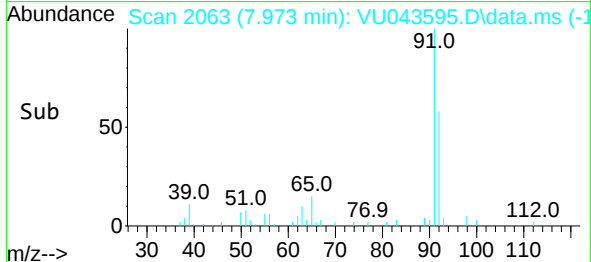
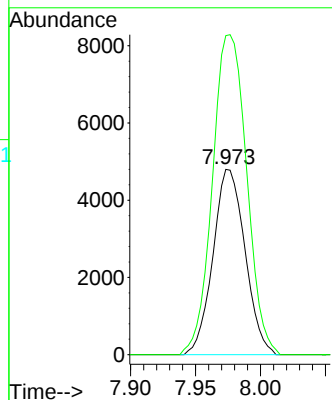
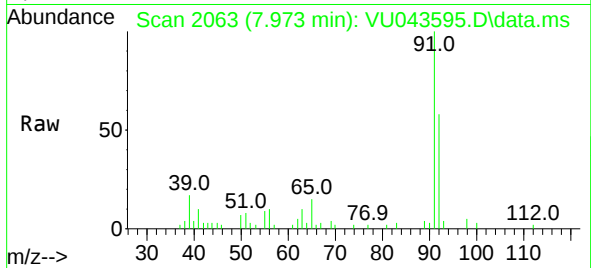
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Toluene
Concen: 1.95 ug/l
RT: 7.973 min Scan# 2063
Delta R.T. -0.003 min
Lab File: VU043595.D
Acq: 06 May 2021 19:49

Tgt Ion: 92 Resp: 8235
Ion Ratio Lower Upper
92 100
91 184.2 140.9 211.3

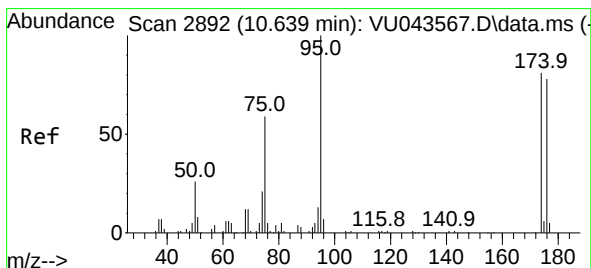
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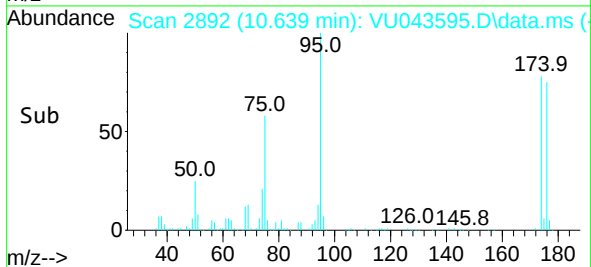
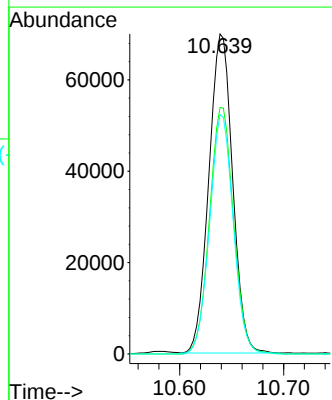
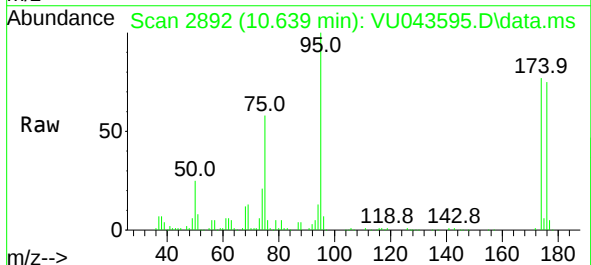
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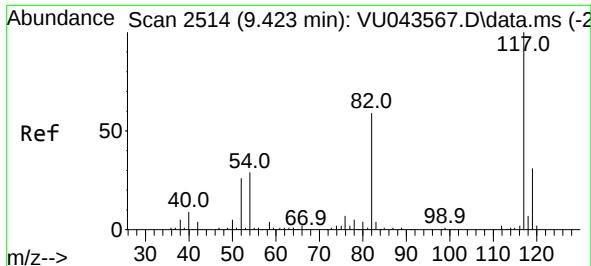


#62
4-Bromofluorobenzene
Concen: 48.11 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU043595.D
Acq: 06 May 2021 19:49

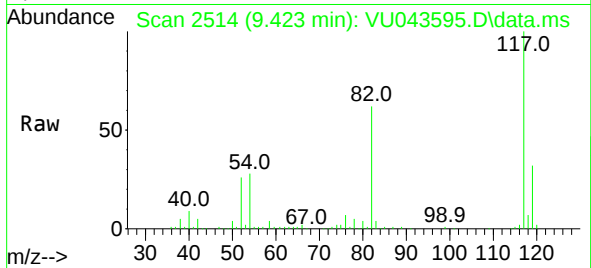
Tgt Ion: 95 Resp: 110851
Ion Ratio Lower Upper
95 100
174 78.6 0.0 158.8
176 74.8 0.0 155.6

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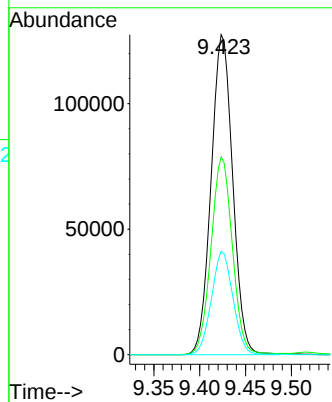
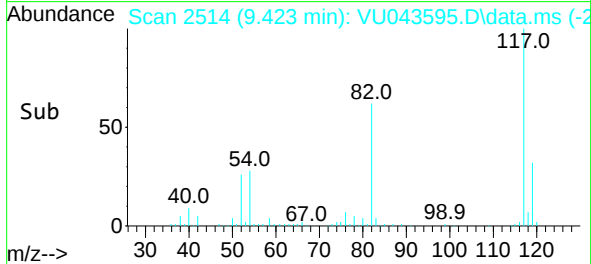




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. 0.000 min
Lab File: VU043595.D
Acq: 06 May 2021 19:49



Tgt Ion:117 Resp: 208801
Ion Ratio Lower Upper
117 100
82 61.8 47.5 71.3
119 32.3 24.7 37.1



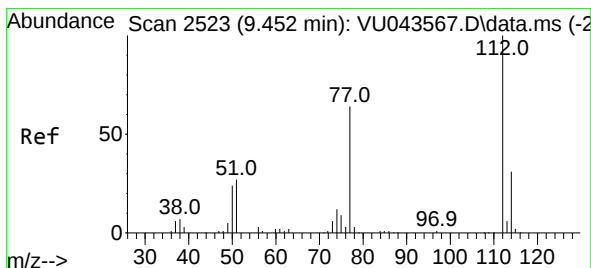
Instrument :
MSVOA_U
ClientSampled :
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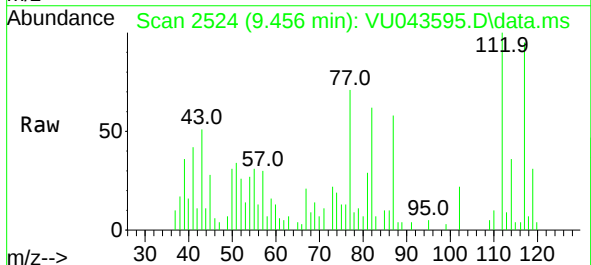
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sam

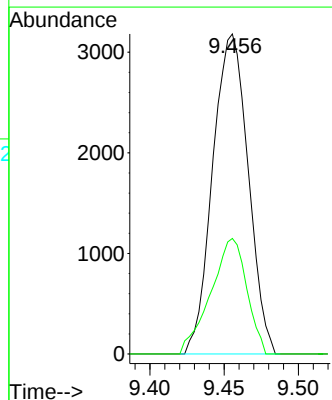
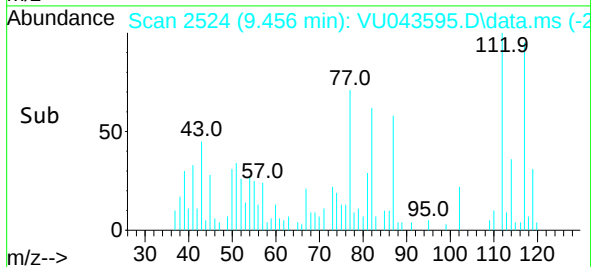
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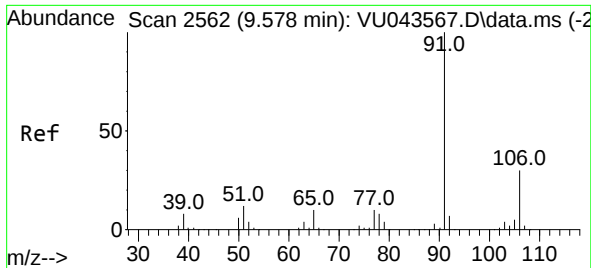


#65
Chlorobenzene
Concen: 1.15 ug/l
RT: 9.456 min Scan# 2524
Delta R.T. 0.003 min
Lab File: VU043595.D
Acq: 06 May 2021 19:49



Tgt Ion:112 Resp: 5289
Ion Ratio Lower Upper
112 100
114 36.1 24.6 37.0





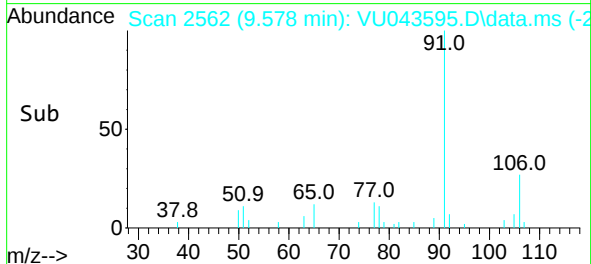
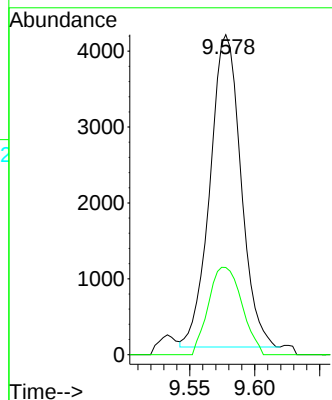
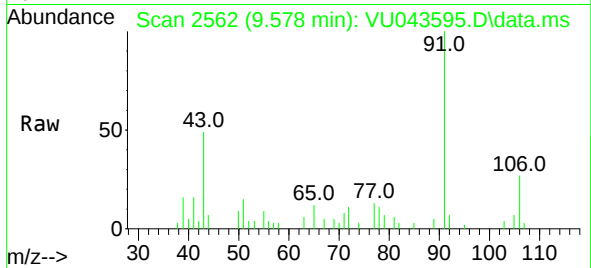
#67
Ethyl Benzene
Concen: 2.17 ug/l
RT: 9.578 min Scan# 2562
Delta R.T. -0.000 min
Lab File: VU043595.D
Acq: 06 May 2021 19:49

Tgt Ion: 91 Resp: 6825
Ion Ratio Lower Upper
91 100
106 27.9 24.0 36.0

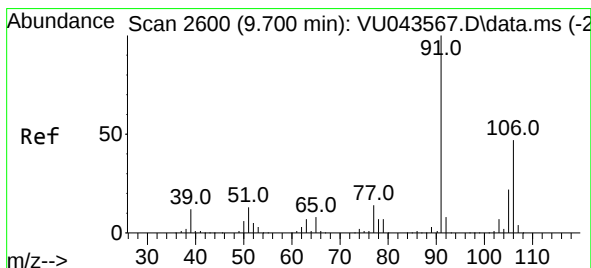
Instrument :
MSVOA_U
ClientSampled :
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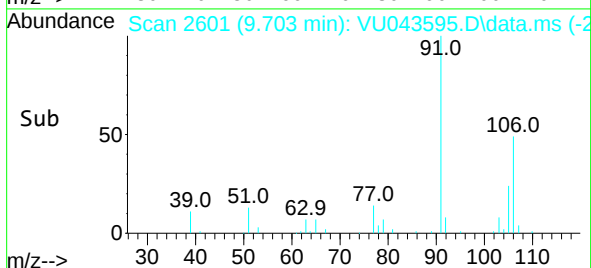
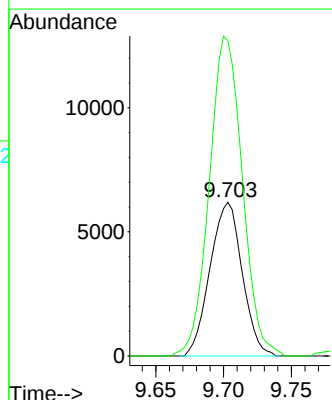
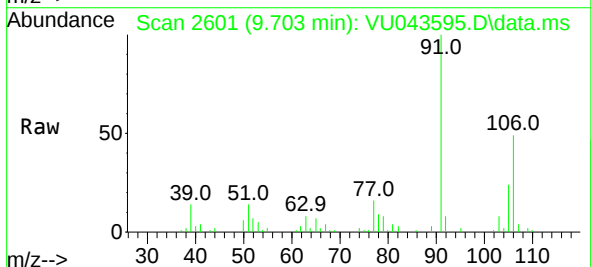
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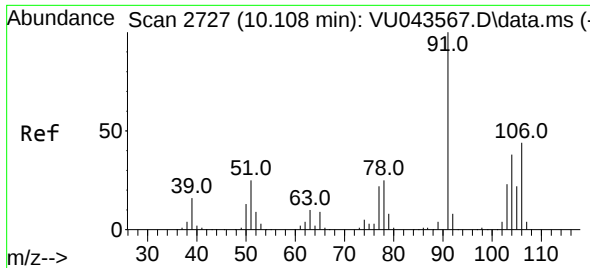


#68
m/p-Xylenes
Concen: 5.30 ug/l
RT: 9.703 min Scan# 2601
Delta R.T. 0.003 min
Lab File: VU043595.D
Acq: 06 May 2021 19:49

Tgt Ion: 106 Resp: 10220
Ion Ratio Lower Upper
106 100
91 213.8 171.7 257.5

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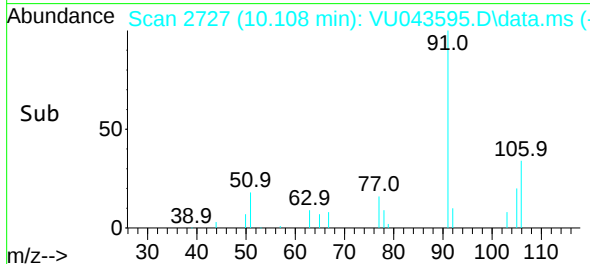
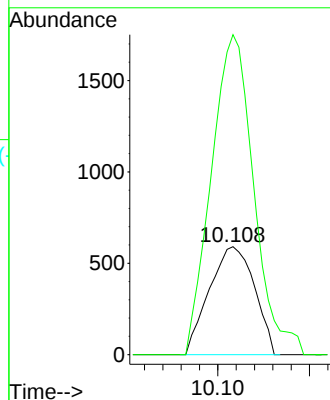
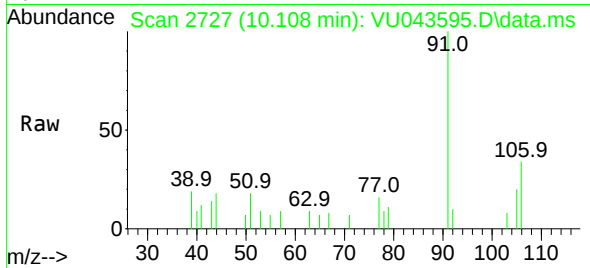
#69
o-Xylene
Concen: 2.16 ug/l
RT: 10.108 min Scan# 2727
Delta R.T. 0.000 min
Lab File: VU043595.D
Acq: 06 May 2021 19:49

Tgt Ion:106 Resp: 1011
Ion Ratio Lower Upper
106 100
91 278.9 114.5 343.5

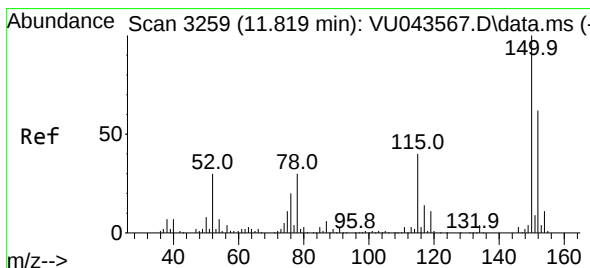
Instrument :
MSVOA_U
ClientSampled :
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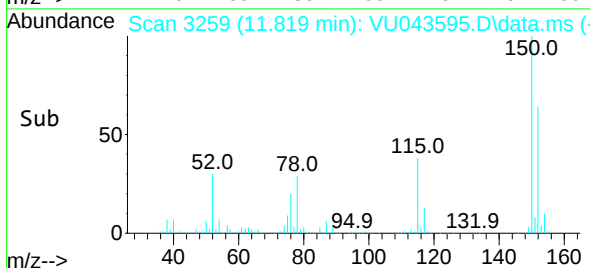
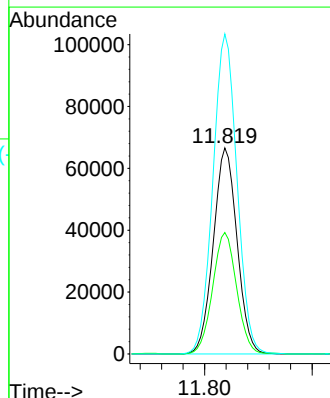
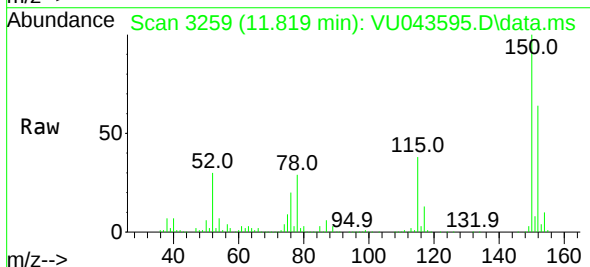
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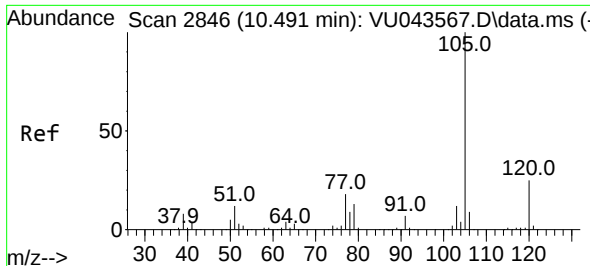


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.819 min Scan# 3259
Delta R.T. 0.000 min
Lab File: VU043595.D
Acq: 06 May 2021 19:49

Tgt Ion:152 Resp: 102040
Ion Ratio Lower Upper
152 100
115 59.7 46.1 138.3
150 157.4 0.0 361.0

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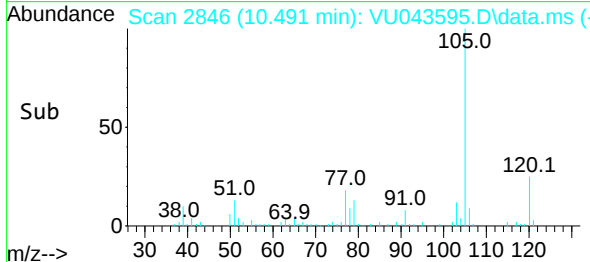
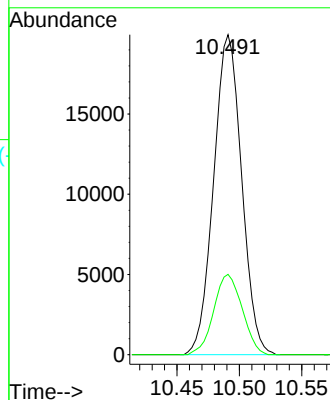
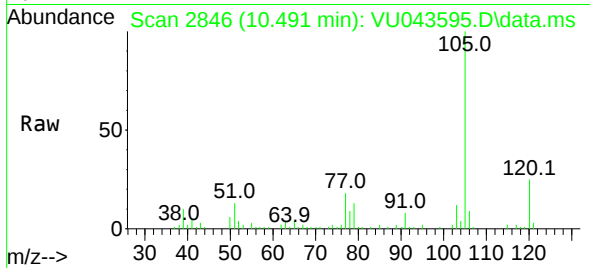
#73
Isopropylbenzene
Concen: 4.26 ug/l
RT: 10.491 min Scan# 2846
Delta R.T. 0.000 min
Lab File: VU043595.D
Acq: 06 May 2021 19:49

Tgt Ion: 105 Resp: 31160
Ion Ratio Lower Upper
105 100
120 25.6 12.6 37.6

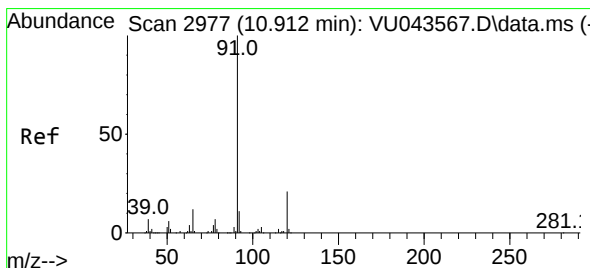
Instrument :
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ClientSampled :
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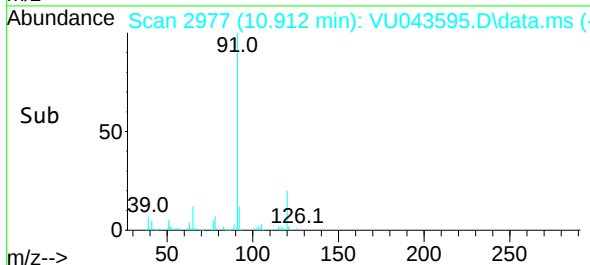
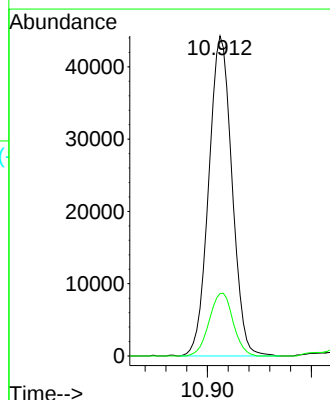
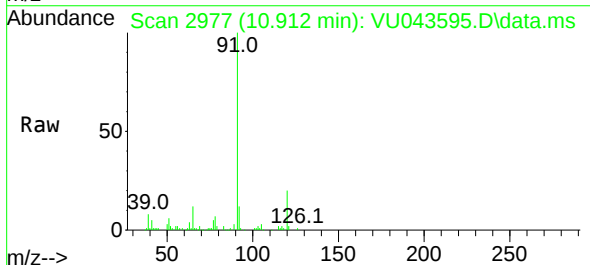
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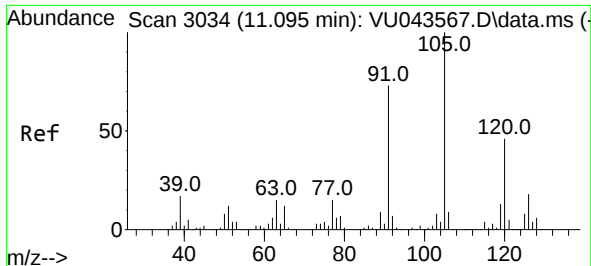


#78
n-propylbenzene
Concen: 7.68 ug/l
RT: 10.912 min Scan# 2977
Delta R.T. 0.000 min
Lab File: VU043595.D
Acq: 06 May 2021 19:49

Tgt Ion: 91 Resp: 68679
Ion Ratio Lower Upper
91 100
120 20.2 10.4 31.2

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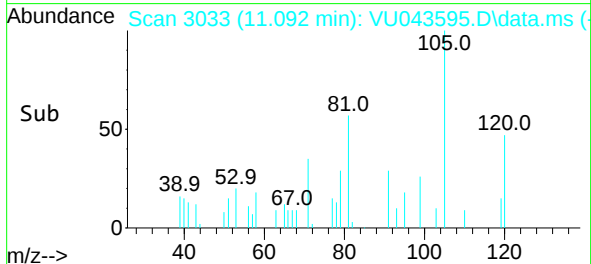
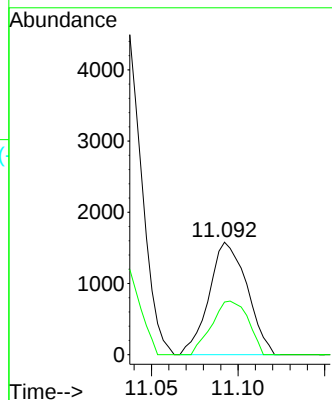
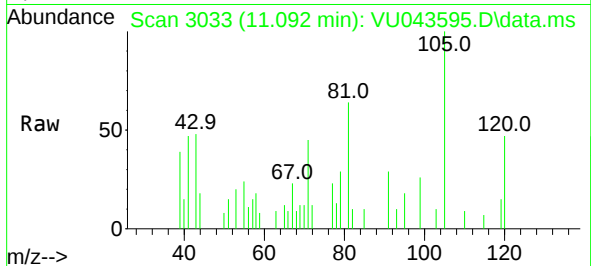
#80
1,3,5-Trimethylbenzene
Concen: 1.08 ug/l
RT: 11.092 min Scan# 3033
Delta R.T. -0.003 min
Lab File: VU043595.D
Acq: 06 May 2021 19:49

Tgt Ion:105 Resp: 2414
Ion Ratio Lower Upper
105 100
120 45.6 22.9 68.7

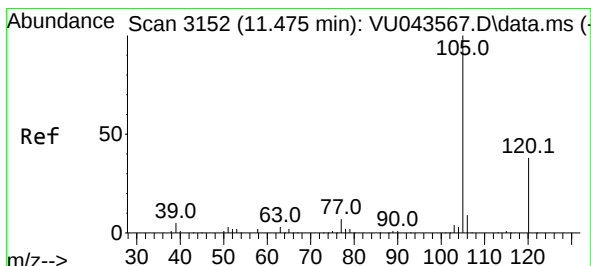
Instrument :
MSVOA_U
ClientSampleId :
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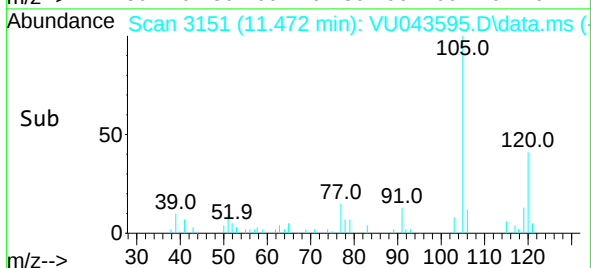
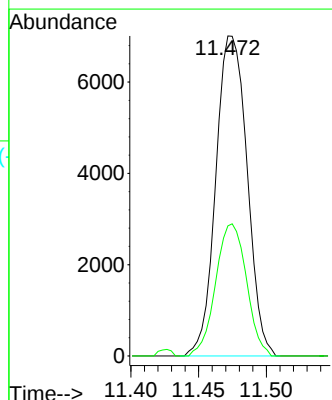
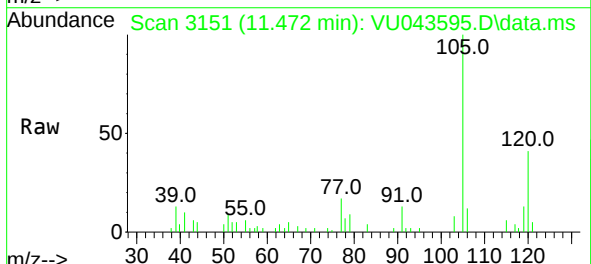
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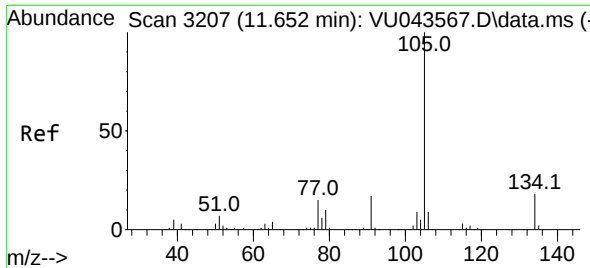


#84
1,2,4-Trimethylbenzene
Concen: 2.69 ug/l
RT: 11.472 min Scan# 3151
Delta R.T. -0.003 min
Lab File: VU043595.D
Acq: 06 May 2021 19:49

Tgt Ion:105 Resp: 11250
Ion Ratio Lower Upper
105 100
120 40.6 21.4 64.2

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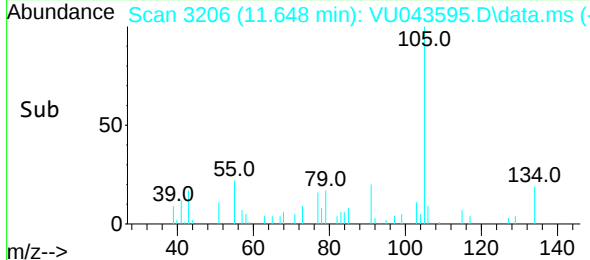
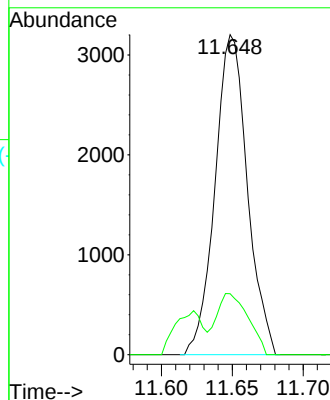
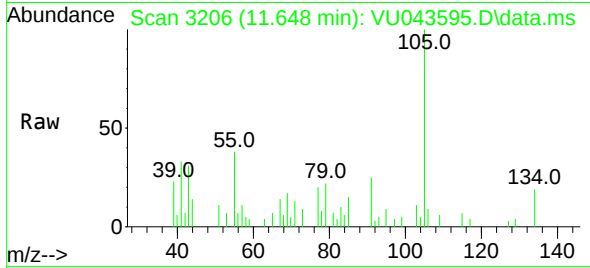
#85
 sec-Butylbenzene
 Concen: 1.93 ug/l
 RT: 11.648 min Scan# 3206
 Delta R.T. -0.004 min
 Lab File: VU043595.D
 Acq: 06 May 2021 19:49

Tgt Ion:105 Resp: 5082
 Ion Ratio Lower Upper
 105 100
 134 18.7 9.2 27.6

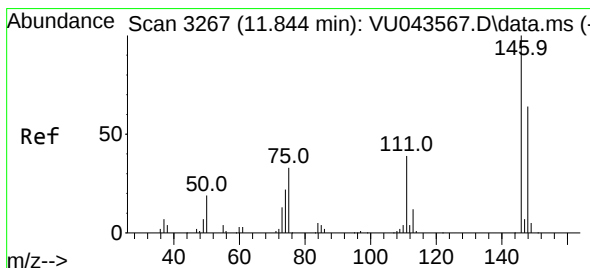
Instrument :
 MSVOA_U
 ClientSampled :
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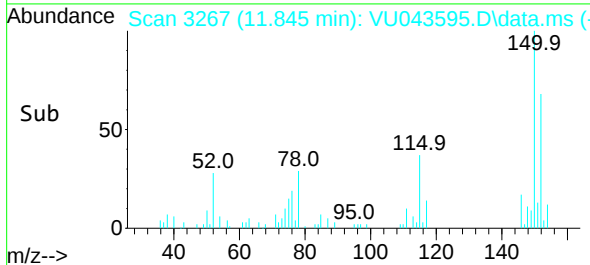
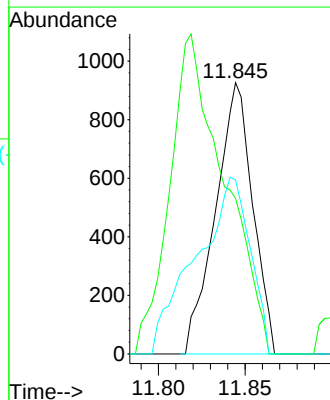
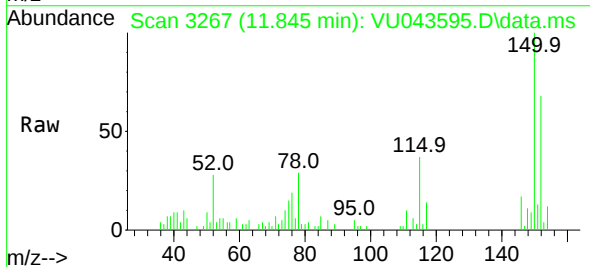
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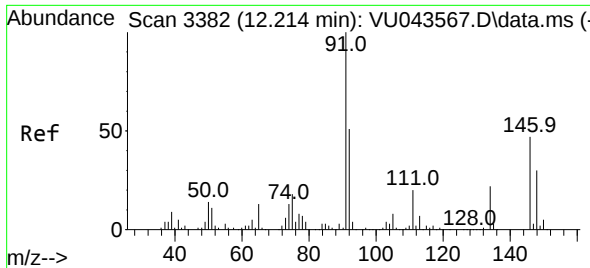


#88
 1,4-Dichlorobenzene
 Concen: 0.37 ug/l
 RT: 11.845 min Scan# 3267
 Delta R.T. 0.000 min
 Lab File: VU043595.D
 Acq: 06 May 2021 19:49

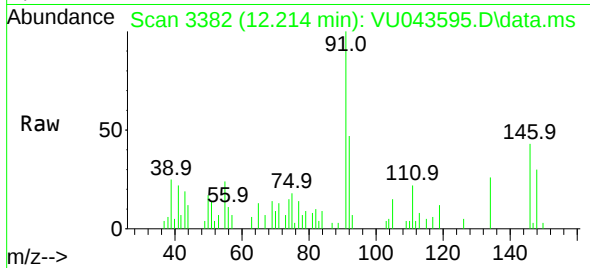
Tgt Ion:146 Resp: 1380
 Ion Ratio Lower Upper
 146 100
 111 0.0 20.2 60.6#
 148 94.9 31.7 95.1

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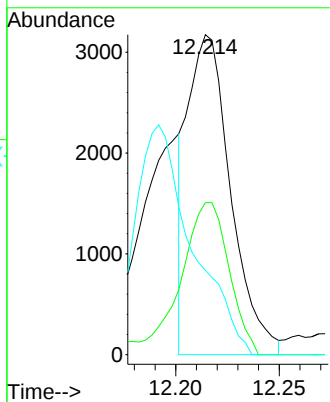
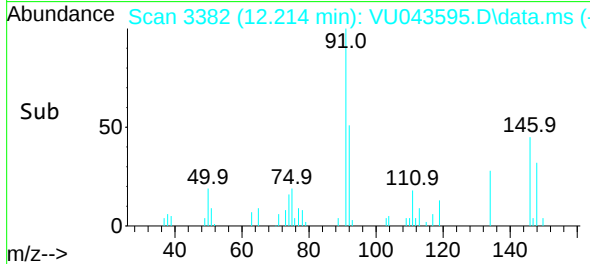




#89
n-Butylbenzene
Concen: 3.15 ug/l m
RT: 12.214 min Scan# 3382
Delta R.T. 0.000 min
Lab File: VU043595.D
Acq: 06 May 2021 19:49



Tgt Ion: 91 Resp: 4590
Ion Ratio Lower Upper
91 100
92 54.5 25.4 76.2
134 0.0 11.3 33.9#



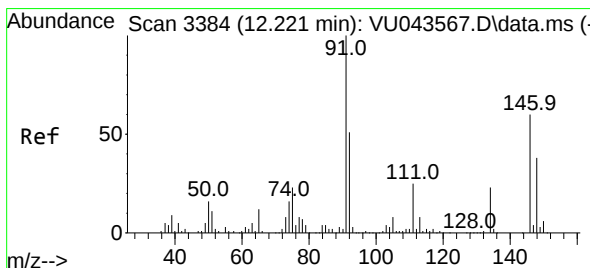
Instrument :
MSVOA_U
ClientSampled :
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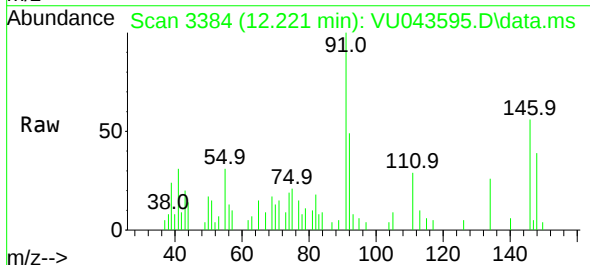
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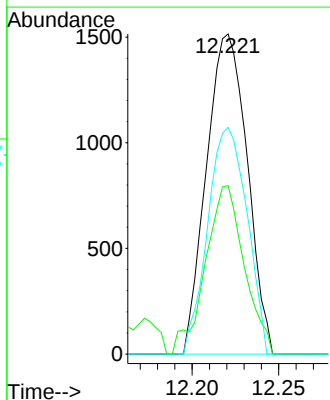
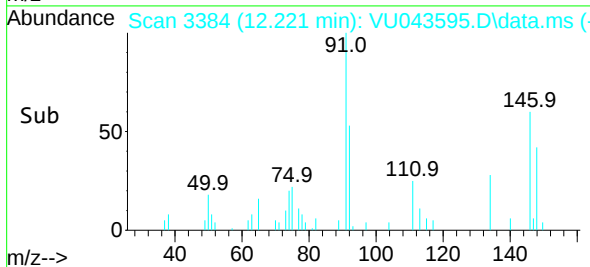
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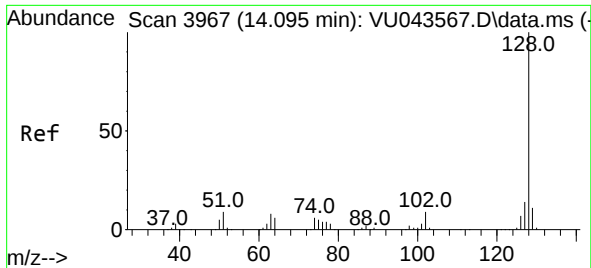


#91
1,2-Dichlorobenzene
Concen: 0.67 ug/l
RT: 12.221 min Scan# 3384
Delta R.T. 0.000 min
Lab File: VU043595.D
Acq: 06 May 2021 19:49



Tgt Ion: 146 Resp: 2478
Ion Ratio Lower Upper
146 100
111 50.2 21.1 63.4
148 68.4 32.0 96.0





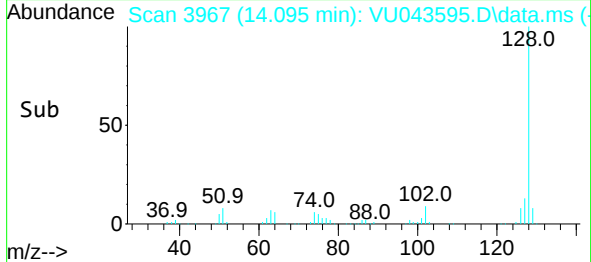
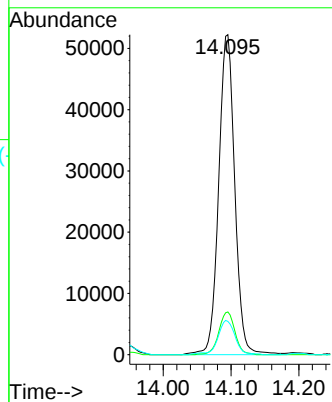
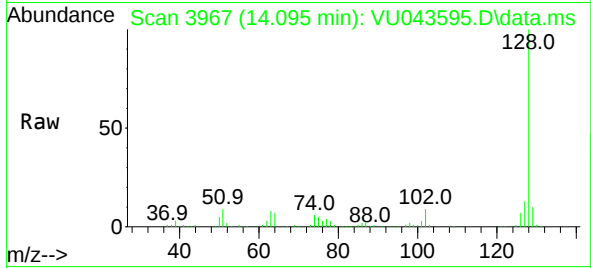
#95
Naphthalene
Concen: 11.18 ug/l
RT: 14.095 min Scan# 3967
Delta R.T. 0.000 min
Lab File: VU043595.D
Acq: 06 May 2021 19:49

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.7	16.1
129	11.5	8.6	12.8

Instrument :
MSVOA_U
ClientSampleId :
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