

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040521\
 Data File : VU042933.D
 Acq On : 05 Apr 2021 16:11
 Operator : SY/MD
 Sample : M1903-04
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 41726

Manual Integrations
 APPROVED

MMDadoda
 4/6/2021 12:54:35 PM

Quant Time: Apr 06 01:20:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U032421W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 25 05:42:00 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.382	168	130355	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	204690	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	201354	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	112126	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	102180	49.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.34%	
35) Dibromofluoromethane	5.298	113	71812	47.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.02%	
50) Toluene-d8	7.906	98	267467	49.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.54%	
62) 4-Bromofluorobenzene	10.639	95	105147	50.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.70%	
Target Compounds					Qvalue	
11) Tert butyl alcohol	3.221	59	6129m	13.80	ug/l	
16) Acetone	2.642	43	241823	226.26	ug/l	98
19) Methyl tert-butyl Ether	3.375	73	3730	0.83	ug/l	91
25) 2-Butanone	4.716	43	27322	16.15	ug/l	98
29) Tetrahydrofuran	5.070	42	4955	4.74	ug/l #	87
37) Ethyl Acetate	4.816	43	7874	2.51	ug/l	98
40) Benzene	5.784	78	13310	2.20	ug/l	98
51) 4-Methyl-2-Pentanone	7.800	43	6277	1.90	ug/l	94
52) Toluene	7.976	92	43383	11.72	ug/l	99
59) 2-Hexanone	8.693	43	3718	1.41	ug/l	99
67) Ethyl Benzene	9.578	91	74736	10.18	ug/l	98
68) m/p-Xylenes	9.697	106	136191	50.32	ug/l	100
69) o-Xylene	10.108	106	90051	34.38	ug/l	97
73) Isopropylbenzene	10.488	105	15283	2.15	ug/l	98
78) n-propylbenzene	10.912	91	67418	8.07	ug/l	99
80) 1,3,5-Trimethylbenzene	11.095	105	112476	18.27	ug/l	99
84) 1,2,4-Trimethylbenzene	11.475	105	517959	83.30	ug/l	99
85) sec-Butylbenzene	11.652	105	8864m	1.27	ug/l	
86) p-Isopropyltoluene	11.803	119	6726	1.05	ug/l	96
95) Naphthalene	14.092	128	512510	66.52	ug/l	100

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

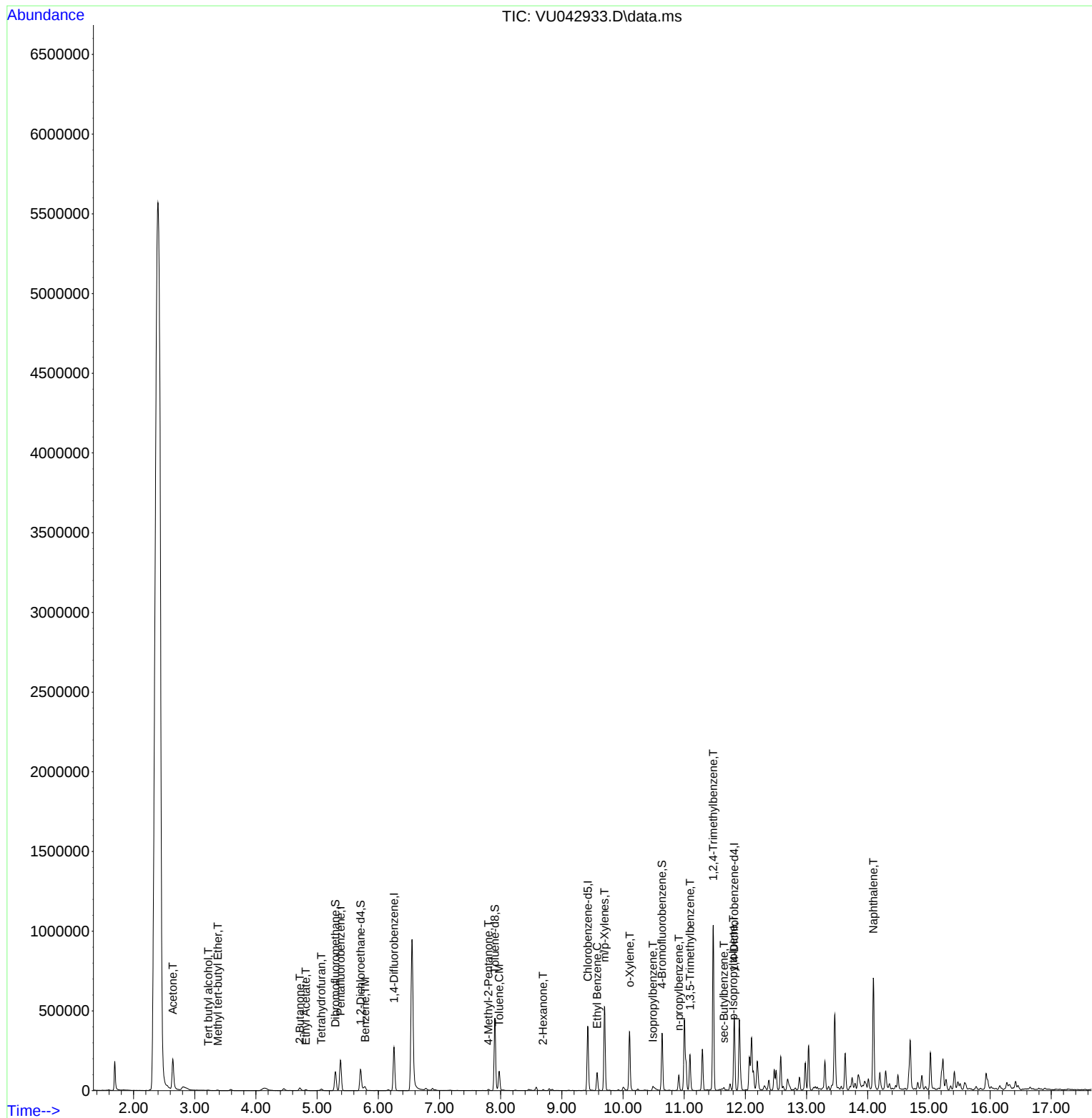
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Data File : VU042933.D
Acq On : 05 Apr 2021 16:11
Operator : SY/MD
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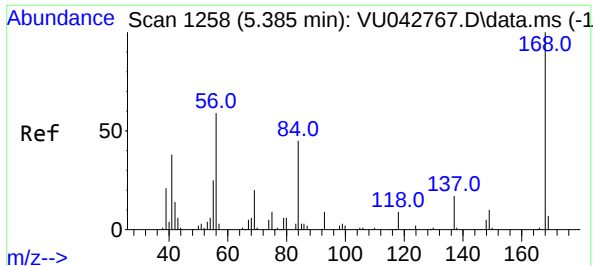
Instrument :
MSVOA_U
ClientSampleId :
41726

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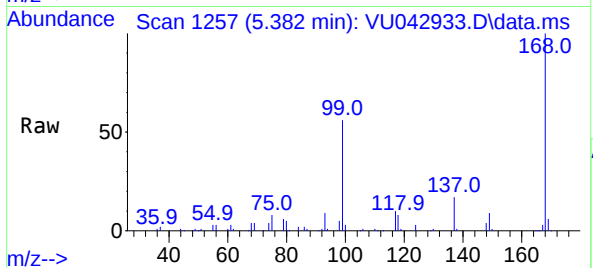
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4/6/2021 12:54:35 PM

Quant Time: Apr 06 01:20:05 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U032421W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 25 05:42:00 2021
Response via : Initial Calibration

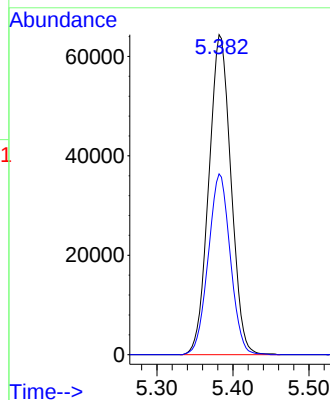
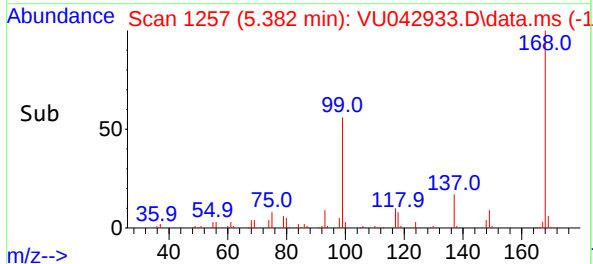




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.003 min
Lab File: VU042933.D
Acq: 05 Apr 2021 16:11



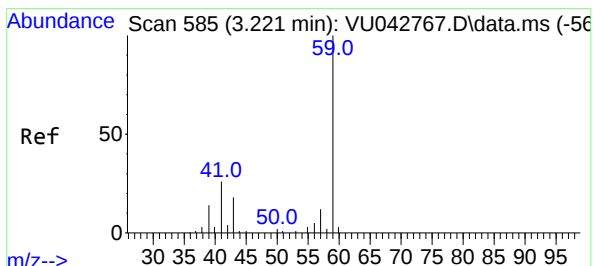
Tgt Ion:168 Resp: 130355
Ion Ratio Lower Upper
168 100
99 56.5 46.4 69.6



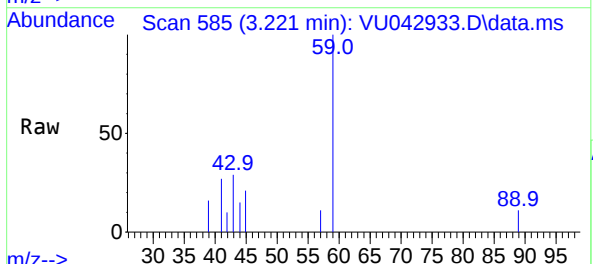
Instrument :
MSVOA_U
ClientSampled :
41726

Manual Integrations
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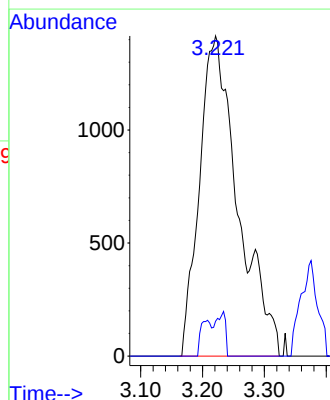
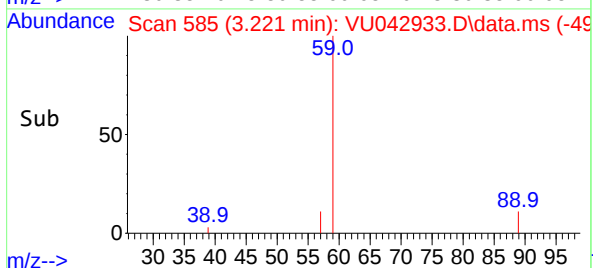
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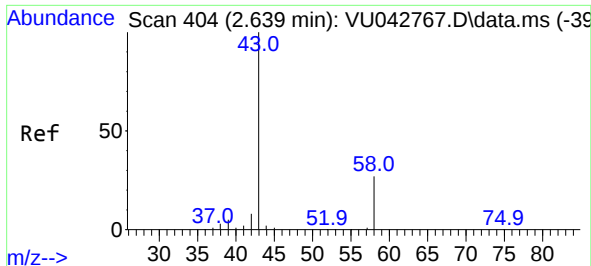


#11
Tert butyl alcohol
Concen: 13.80 ug/l m
RT: 3.221 min Scan# 585
Delta R.T. -0.000 min
Lab File: VU042933.D
Acq: 05 Apr 2021 16:11



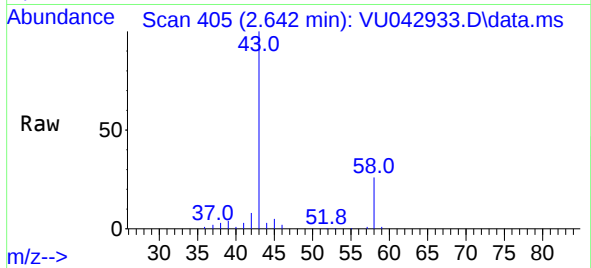
Tgt Ion: 59 Resp: 6129
Ion Ratio Lower Upper
59 100
57 3.2 7.4 11.2#





#16
Acetone
Concen: 226.26 ug/l
RT: 2.642 min Scan# 405
Delta R.T. 0.003 min
Lab File: VU042933.D
Acq: 05 Apr 2021 16:11

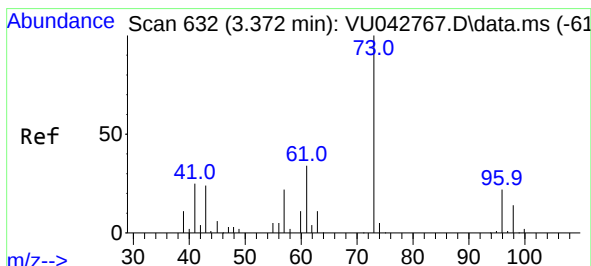
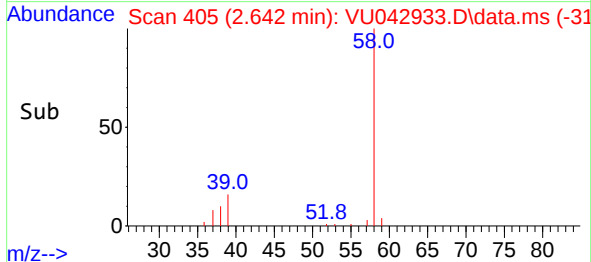
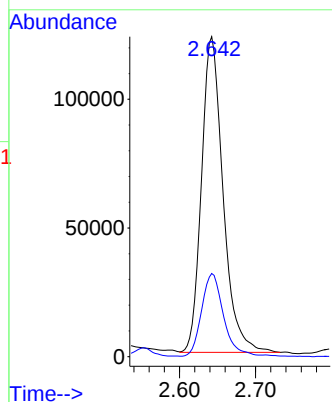
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MSVOA_U
ClientSampleId :
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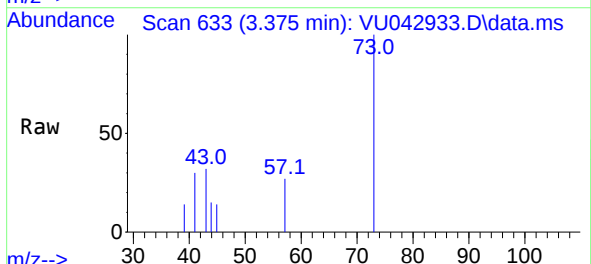
Tgt Ion: 43 Resp: 241823
Ion Ratio Lower Upper
43 100
58 26.2 21.6 32.4

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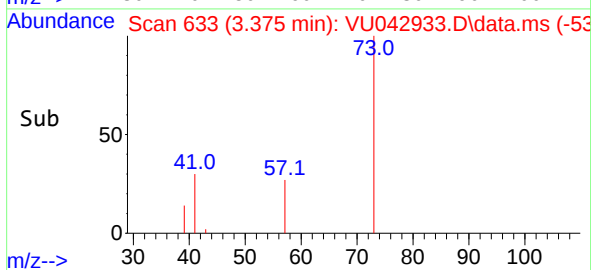
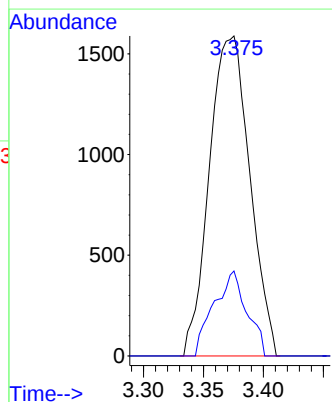
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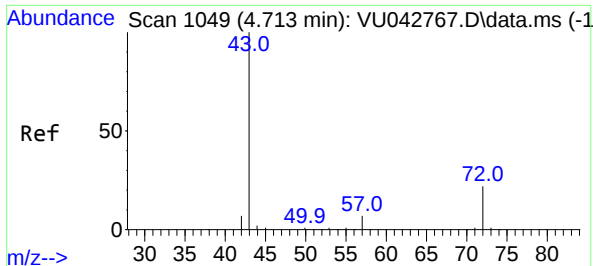


#19
Methyl tert-butyl Ether
Concen: 0.83 ug/l
RT: 3.375 min Scan# 633
Delta R.T. 0.003 min
Lab File: VU042933.D
Acq: 05 Apr 2021 16:11



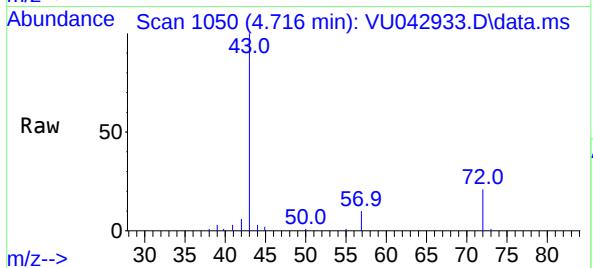
Tgt Ion: 73 Resp: 3730
Ion Ratio Lower Upper
73 100
57 26.6 17.8 26.6





#25
2-Butanone
Concen: 16.15 ug/l
RT: 4.716 min Scan# 1050
Delta R.T. 0.003 min
Lab File: VU042933.D
Acq: 05 Apr 2021 16:11

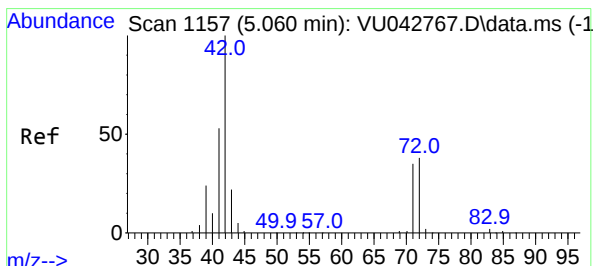
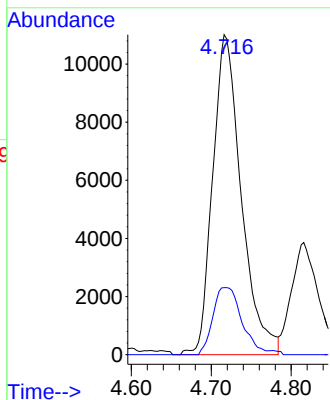
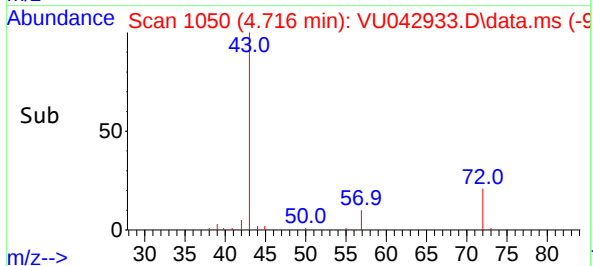
Instrument :
MSVOA_U
ClientSampled :
41726



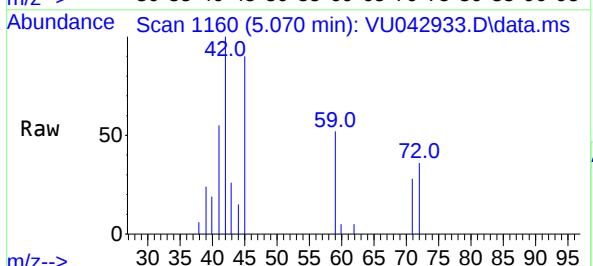
Tgt Ion: 43 Resp: 27322
Ion Ratio Lower Upper
43 100
72 21.0 17.7 26.5

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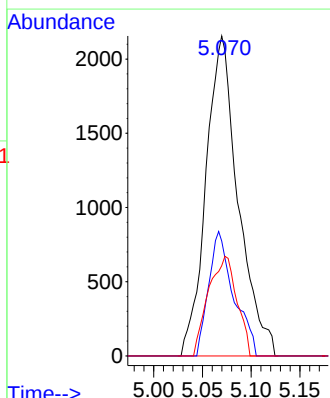
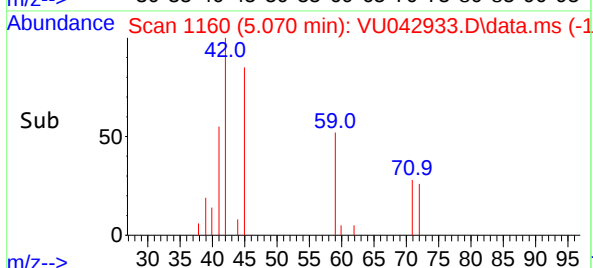
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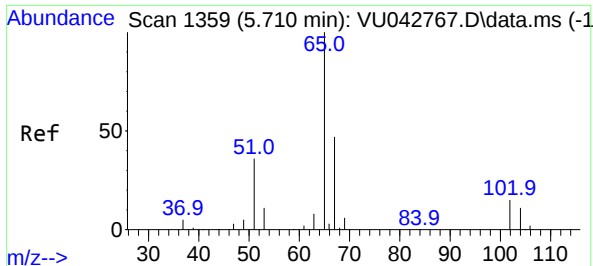


#29
Tetrahydrofuran
Concen: 4.74 ug/l
RT: 5.070 min Scan# 1160
Delta R.T. 0.010 min
Lab File: VU042933.D
Acq: 05 Apr 2021 16:11



Tgt Ion: 42 Resp: 4955
Ion Ratio Lower Upper
42 100
72 30.2 30.2 45.4#
71 27.4 28.6 42.8#





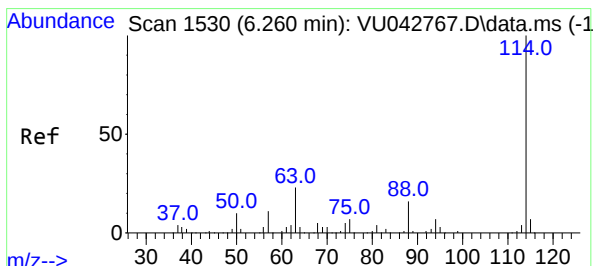
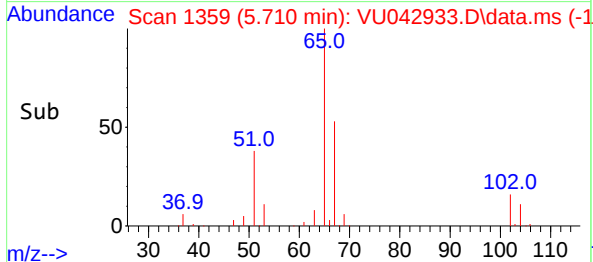
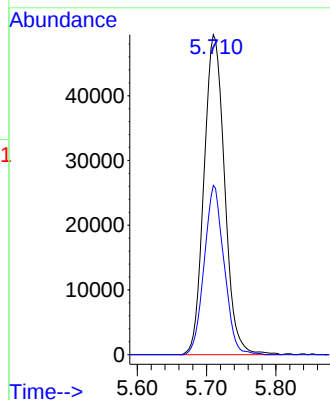
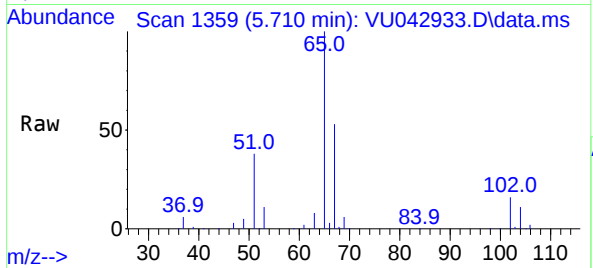
#33
1,2-Dichloroethane-d4
Concen: 49.17 ug/l
RT: 5.710 min Scan# 1359
Delta R.T. -0.000 min
Lab File: VU042933.D
Acq: 05 Apr 2021 16:11

Tgt Ion: 65 Resp: 102180
Ion Ratio Lower Upper
65 100
67 50.9 0.0 98.8

Instrument :
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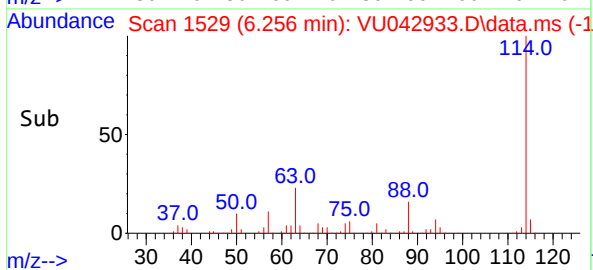
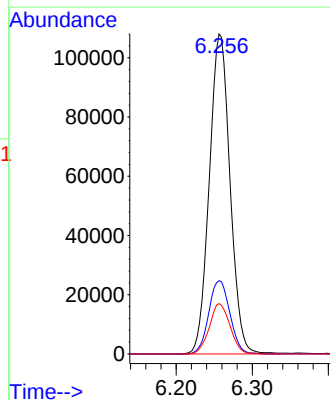
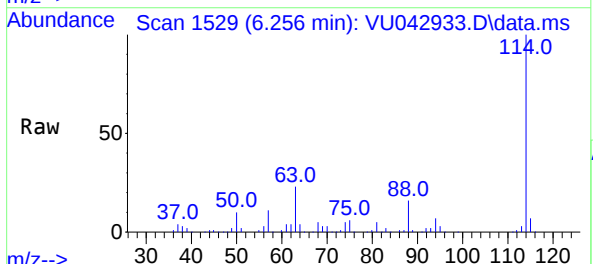
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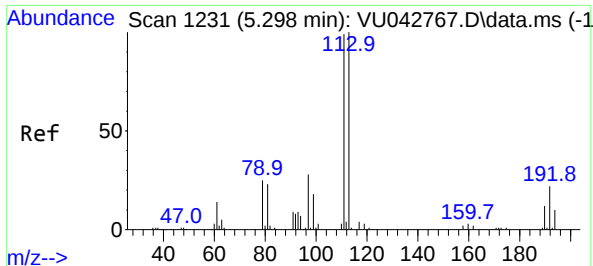
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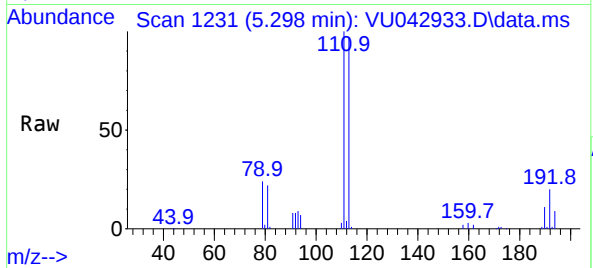
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.256 min Scan# 1529
Delta R.T. -0.004 min
Lab File: VU042933.D
Acq: 05 Apr 2021 16:11

Tgt Ion: 114 Resp: 204690
Ion Ratio Lower Upper
114 100
63 22.9 0.0 46.8
88 15.8 0.0 32.2



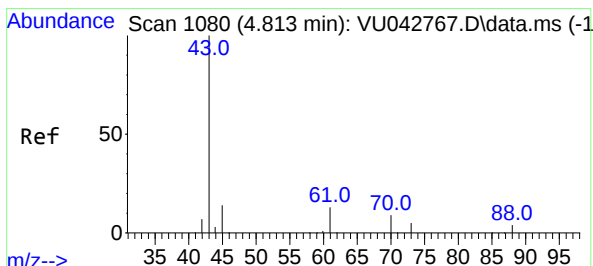
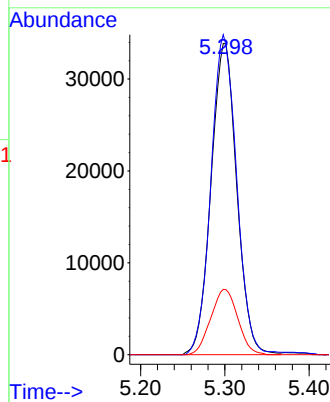
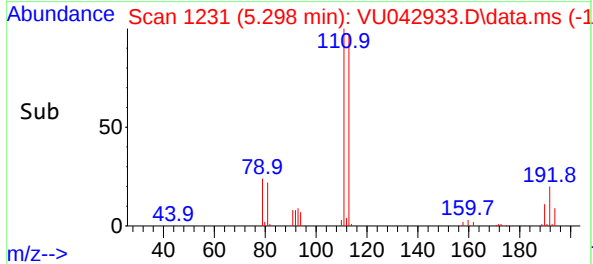


#35
Dibromofluoromethane
Concen: 47.01 ug/l
RT: 5.298 min Scan# 1231
Delta R.T. -0.000 min
Lab File: VU042933.D
Acq: 05 Apr 2021 16:11

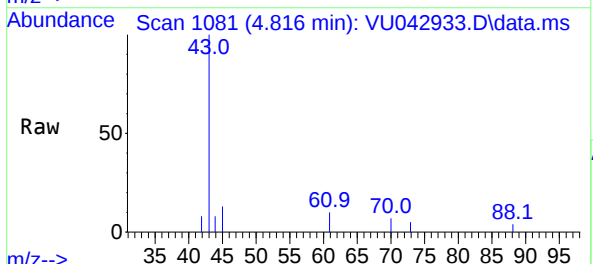


Tgt Ion: 113 Resp: 71812

Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.1	123.1
192	22.0	17.6	26.4

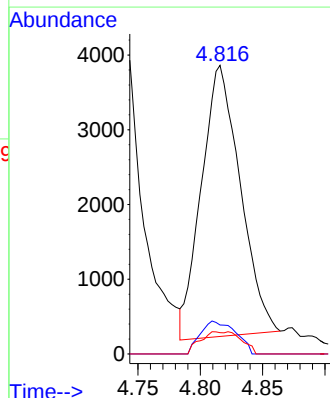
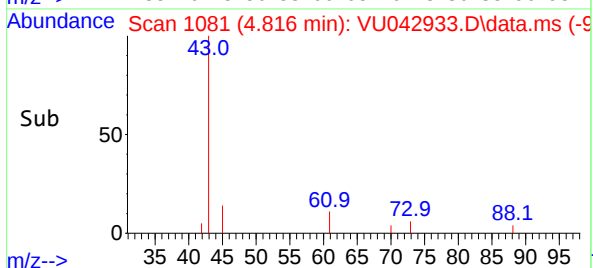


#37
Ethyl Acetate
Concen: 2.51 ug/l
RT: 4.816 min Scan# 1081
Delta R.T. 0.003 min
Lab File: VU042933.D
Acq: 05 Apr 2021 16:11



Tgt Ion: 43 Resp: 7874

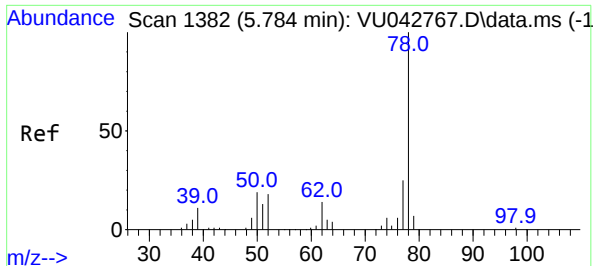
Ion	Ratio	Lower	Upper
43	100		
61	11.1	9.7	14.5
70	8.6	6.6	9.8



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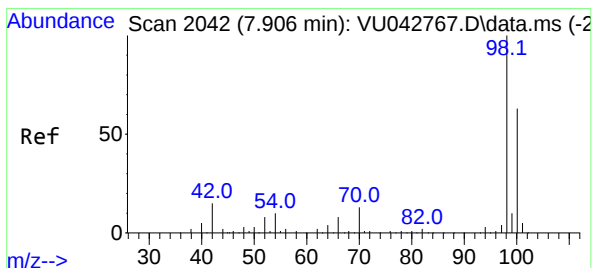
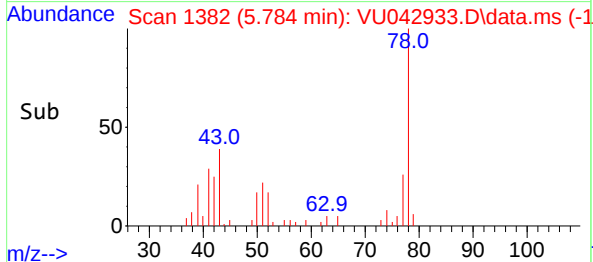
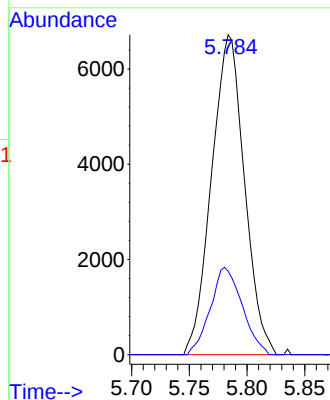
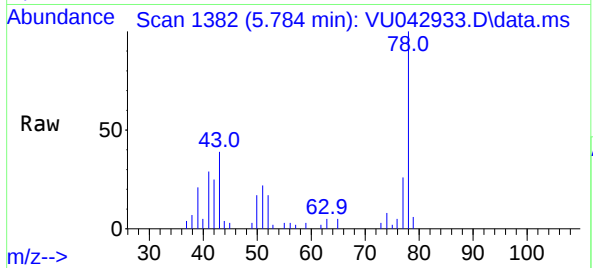
#40
Benzene
Concen: 2.20 ug/l
RT: 5.784 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VU042933.D
Acq: 05 Apr 2021 16:11

Tgt Ion: 78 Resp: 13310
Ion Ratio Lower Upper
78 100
77 26.0 19.9 29.9

Instrument :
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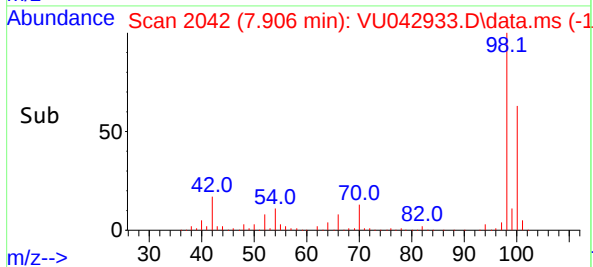
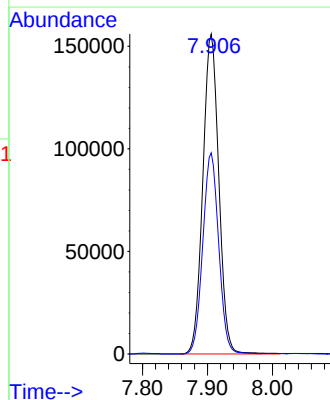
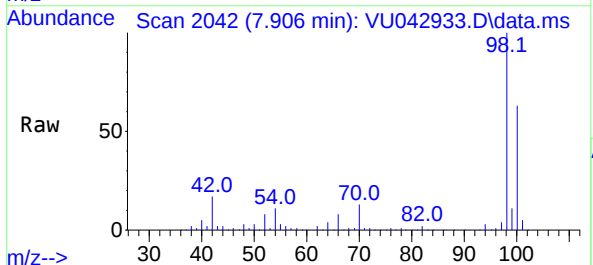
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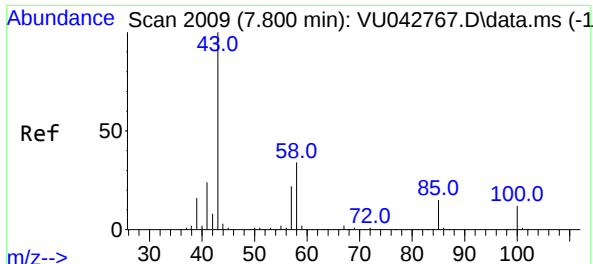
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4/6/2021 12:54:35 PM



#50
Toluene-d8
Concen: 49.77 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. -0.000 min
Lab File: VU042933.D
Acq: 05 Apr 2021 16:11

Tgt Ion: 98 Resp: 267467
Ion Ratio Lower Upper
98 100
100 62.5 50.4 75.6





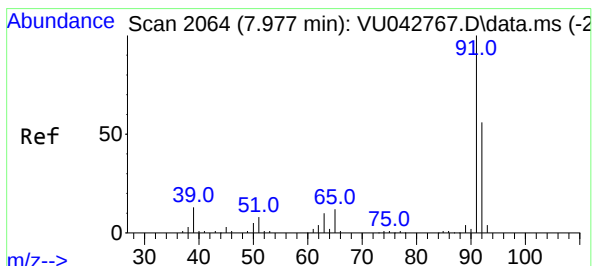
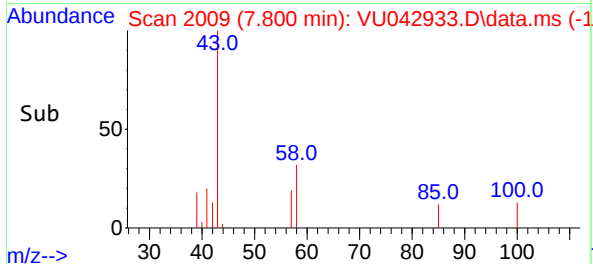
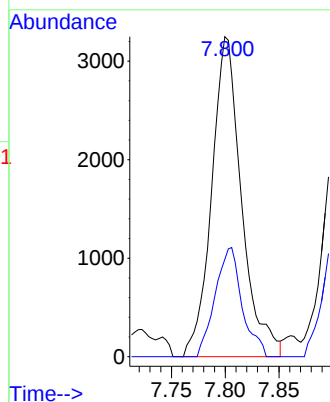
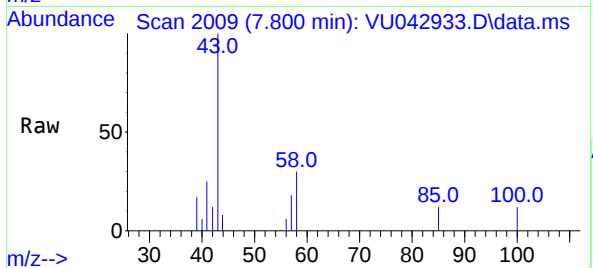
#51
4-Methyl-2-Pentanone
Concen: 1.90 ug/l
RT: 7.800 min Scan# 2009
Delta R.T. -0.000 min
Lab File: VU042933.D
Acq: 05 Apr 2021 16:11

Tgt Ion: 43 Resp: 6277
Ion Ratio Lower Upper
43 100
58 30.7 27.4 41.2

Instrument :
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ClientSampled :
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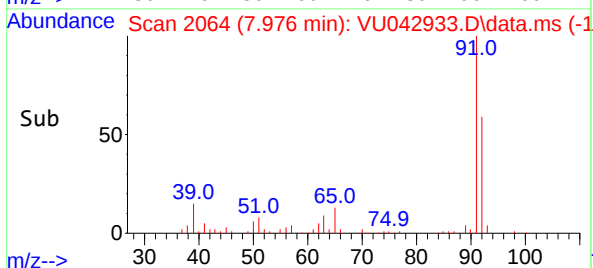
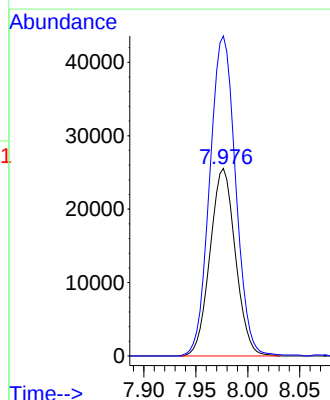
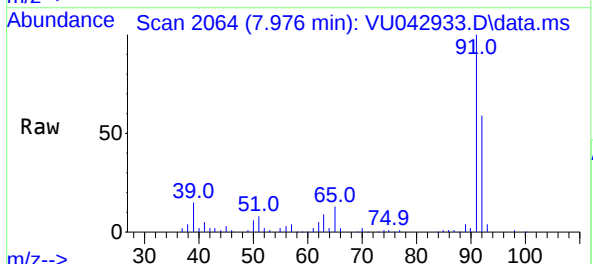
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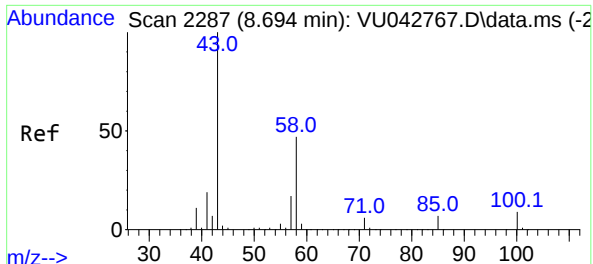
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#52
Toluene
Concen: 11.72 ug/l
RT: 7.976 min Scan# 2064
Delta R.T. -0.000 min
Lab File: VU042933.D
Acq: 05 Apr 2021 16:11

Tgt Ion: 92 Resp: 43383
Ion Ratio Lower Upper
92 100
91 174.1 140.6 210.8





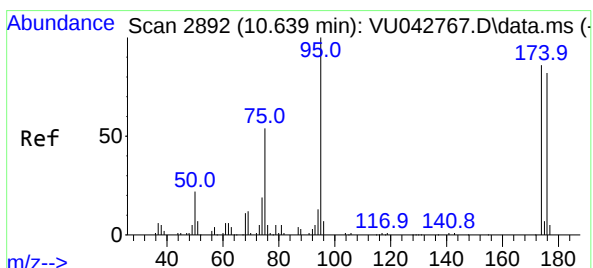
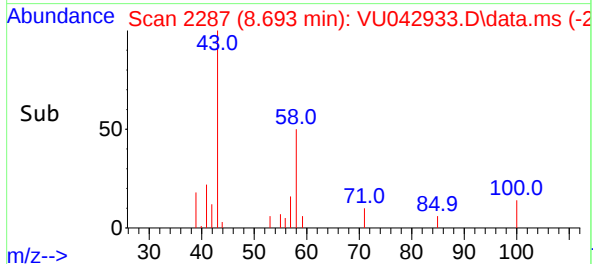
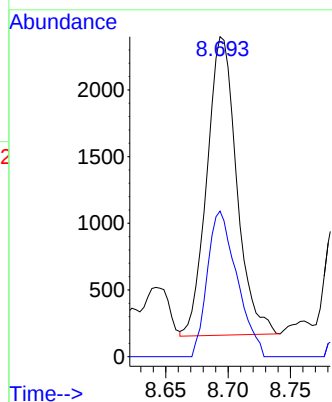
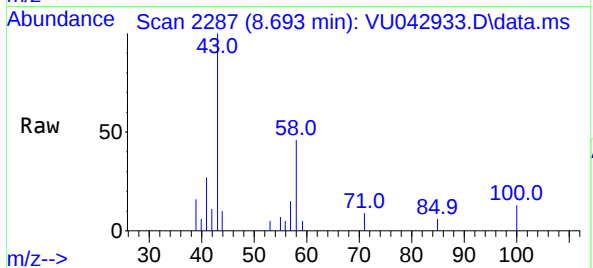
#59
2-Hexanone
Concen: 1.41 ug/l
RT: 8.693 min Scan# 2287
Delta R.T. -0.000 min
Lab File: VU042933.D
Acq: 05 Apr 2021 16:11

Tgt Ion: 43 Resp: 3718
Ion Ratio Lower Upper
43 100
58 48.5 23.8 71.2

Instrument :
MSVOA_U
ClientSampled :
41726

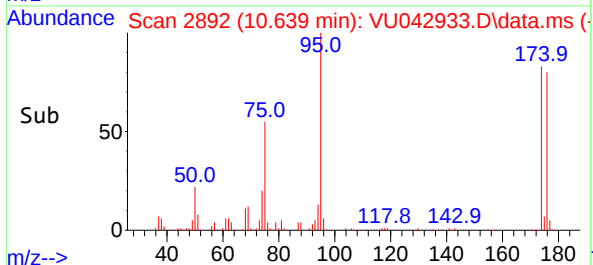
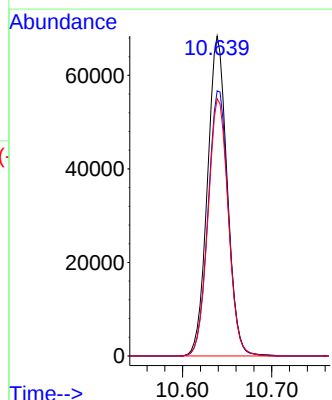
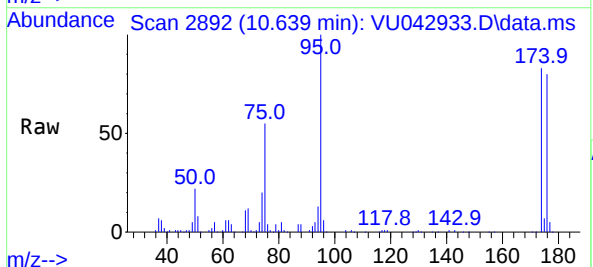
Manual Integrations
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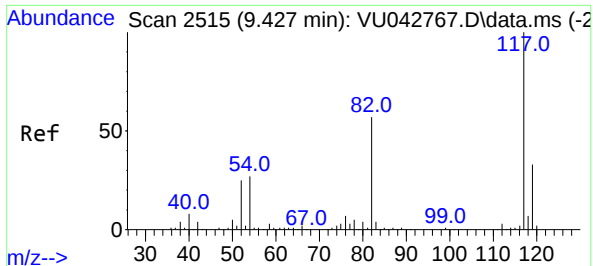
MMDadoda
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#62
4-Bromofluorobenzene
Concen: 50.35 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU042933.D
Acq: 05 Apr 2021 16:11

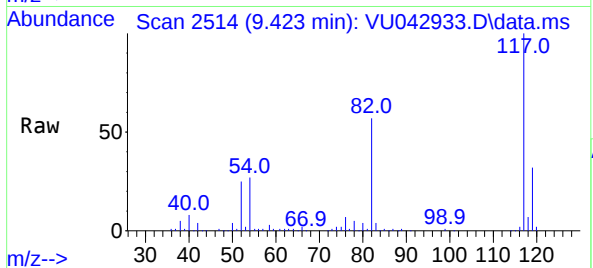
Tgt Ion: 95 Resp: 105147
Ion Ratio Lower Upper
95 100
174 85.2 0.0 175.2
176 82.4 0.0 167.4





#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. -0.003 min
Lab File: VU042933.D
Acq: 05 Apr 2021 16:11

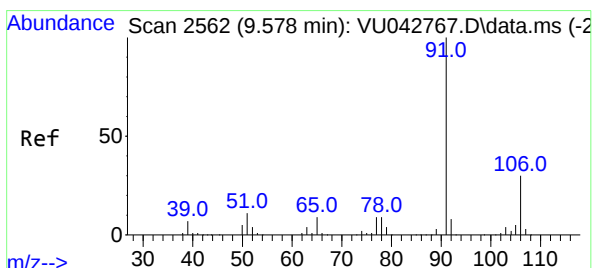
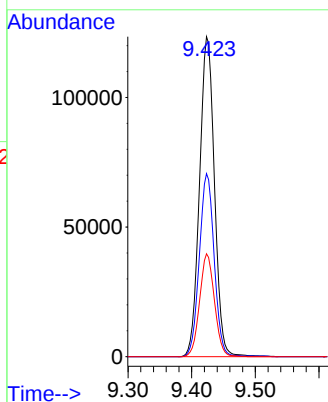
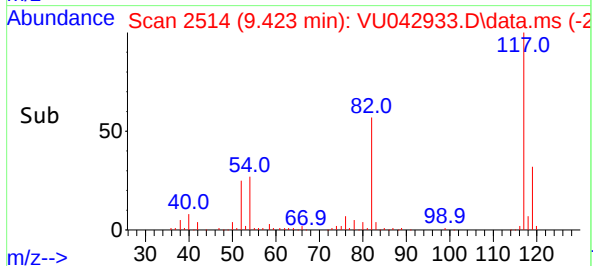
Instrument :
MSVOA_U
ClientSampleId :
41726



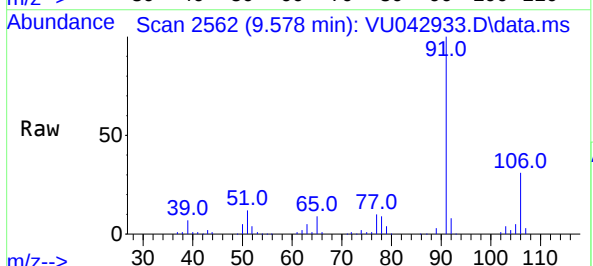
Tgt Ion:117 Resp: 201354
Ion Ratio Lower Upper
117 100
82 57.2 45.5 68.3
119 32.2 26.2 39.4

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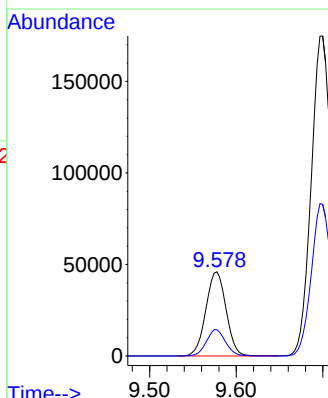
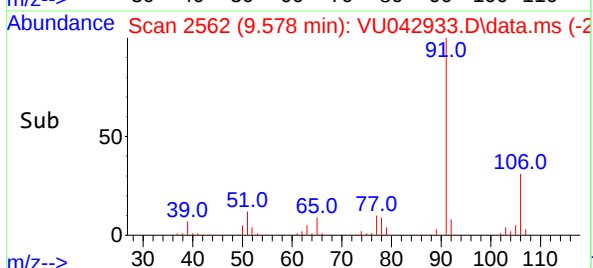
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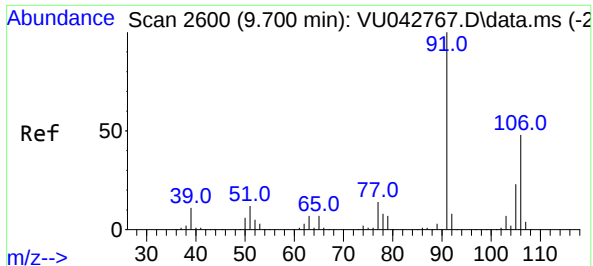


#67
Ethyl Benzene
Concen: 10.18 ug/l
RT: 9.578 min Scan# 2562
Delta R.T. -0.000 min
Lab File: VU042933.D
Acq: 05 Apr 2021 16:11



Tgt Ion: 91 Resp: 74736
Ion Ratio Lower Upper
91 100
106 31.3 24.1 36.1





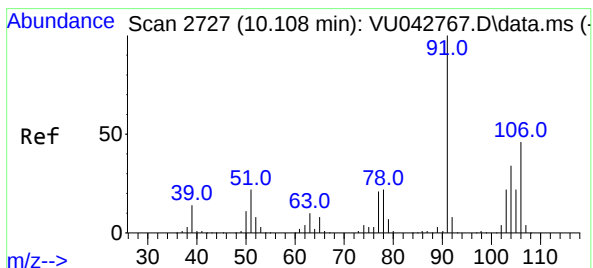
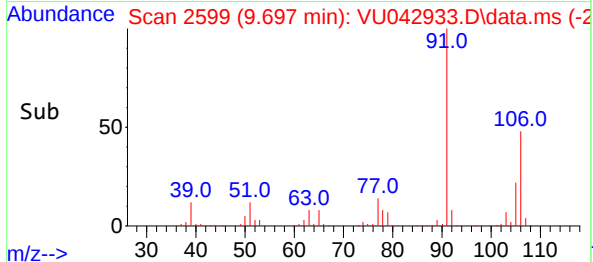
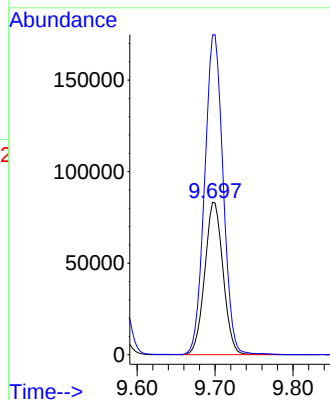
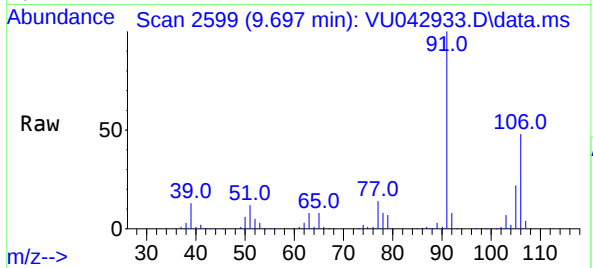
#68
m/p-Xylenes
Concen: 50.32 ug/l
RT: 9.697 min Scan# 2599
Delta R.T. -0.003 min
Lab File: VU042933.D
Acq: 05 Apr 2021 16:11

Tgt Ion:106 Resp: 136191
Ion Ratio Lower Upper
106 100
91 210.8 168.3 252.5

Instrument :
MSVOA_U
ClientSampled :
41726

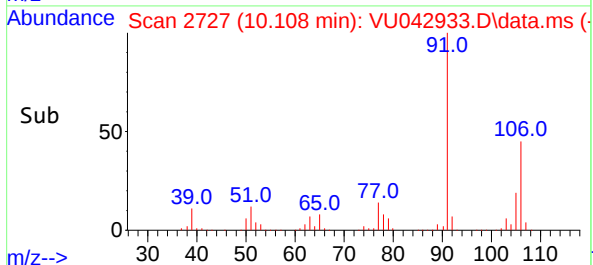
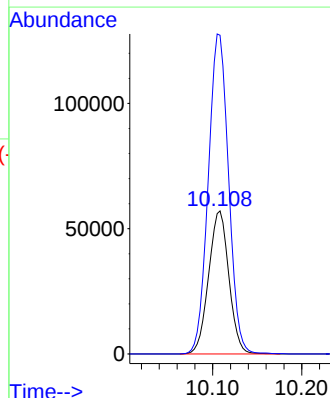
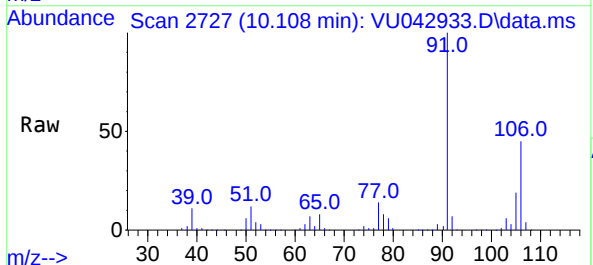
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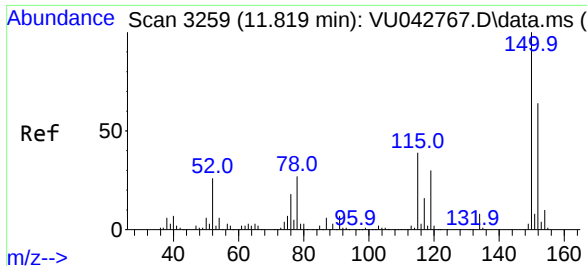
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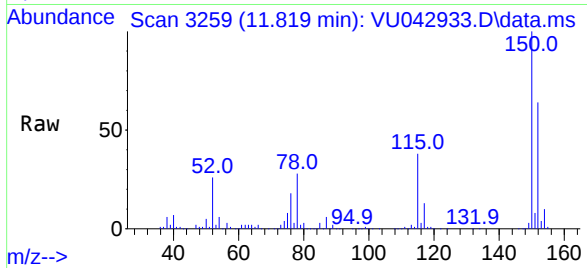
#69
o-Xylene
Concen: 34.38 ug/l
RT: 10.108 min Scan# 2727
Delta R.T. -0.000 min
Lab File: VU042933.D
Acq: 05 Apr 2021 16:11

Tgt Ion:106 Resp: 90051
Ion Ratio Lower Upper
106 100
91 224.7 109.9 329.7

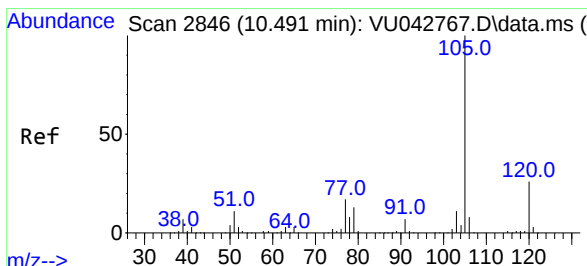
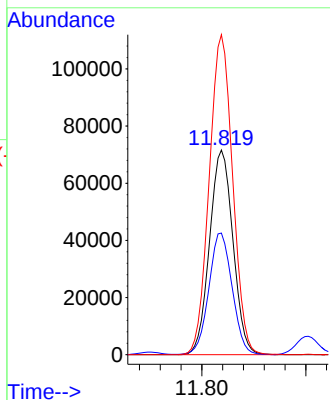
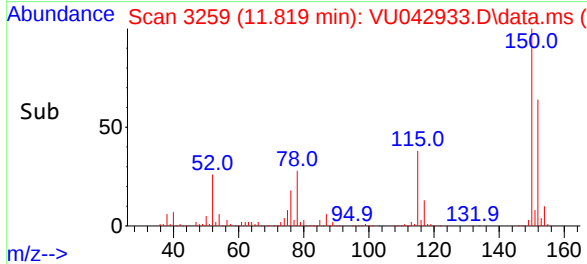




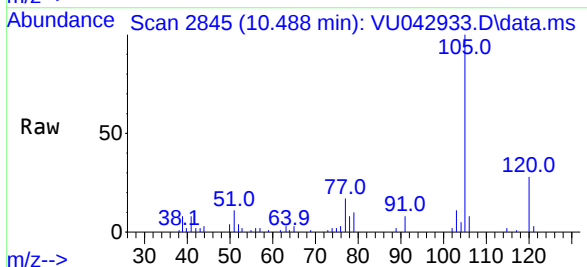
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.819 min Scan# 3259
Delta R.T. -0.000 min
Lab File: VU042933.D
Acq: 05 Apr 2021 16:11



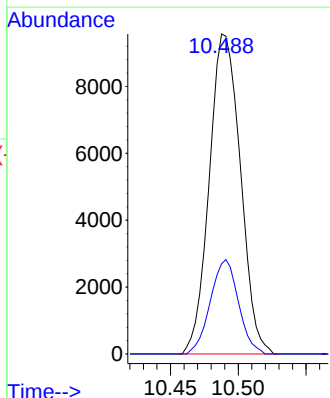
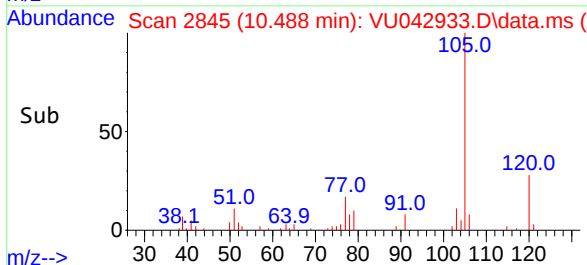
Tgt Ion:152 Resp: 112126
Ion Ratio Lower Upper
152 100
115 59.2 41.0 123.0
150 156.3 0.0 341.0



#73
Isopropylbenzene
Concen: 2.15 ug/l
RT: 10.488 min Scan# 2845
Delta R.T. -0.003 min
Lab File: VU042933.D
Acq: 05 Apr 2021 16:11



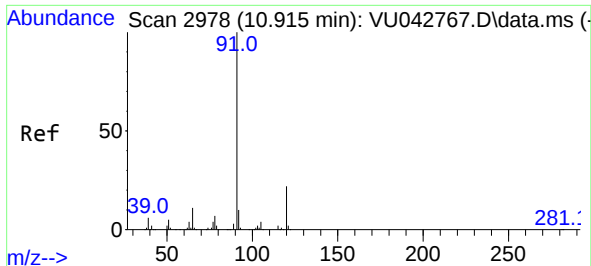
Tgt Ion:105 Resp: 15283
Ion Ratio Lower Upper
105 100
120 26.6 12.9 38.6



Instrument :
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41726

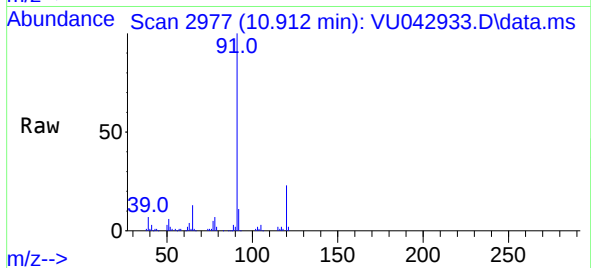
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#78
n-propylbenzene
Concen: 8.07 ug/l
RT: 10.912 min Scan# 2977
Delta R.T. -0.003 min
Lab File: VU042933.D
Acq: 05 Apr 2021 16:11

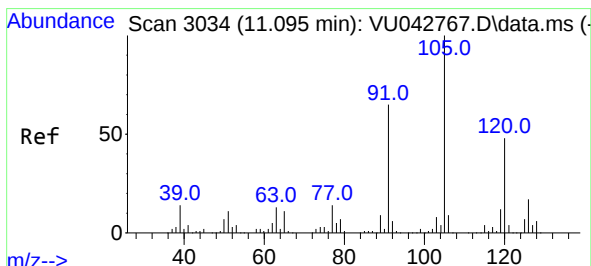
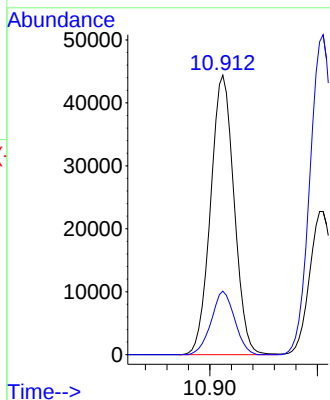
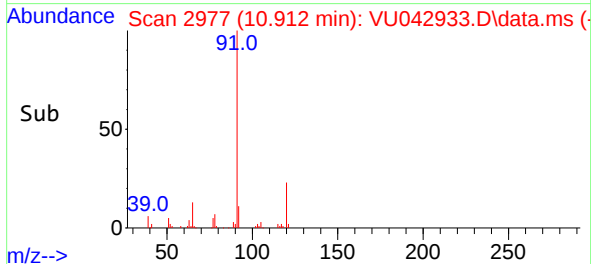
Instrument :
MSVOA_U
ClientSampled :
41726



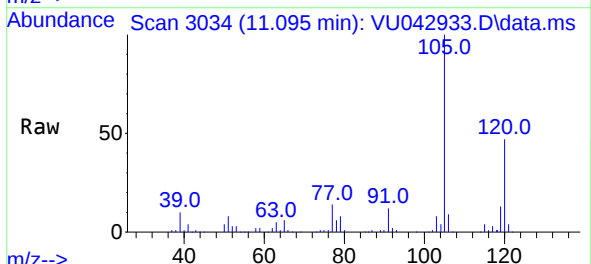
Tgt Ion: 91 Resp: 67418
Ion Ratio Lower Upper
91 100
120 22.6 11.1 33.1

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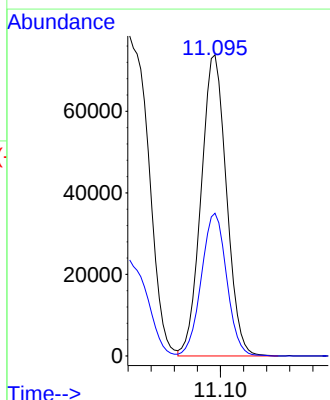
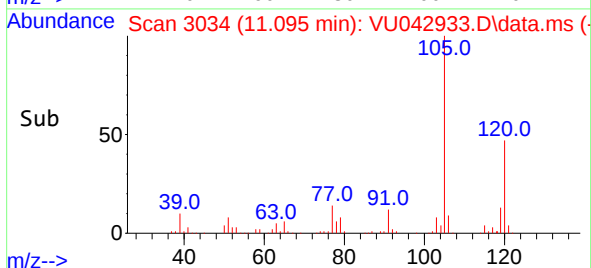
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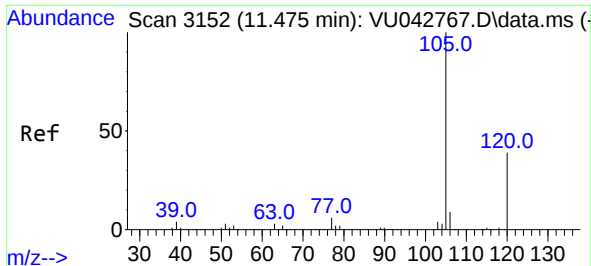


#80
1,3,5-Trimethylbenzene
Concen: 18.27 ug/l
RT: 11.095 min Scan# 3034
Delta R.T. -0.000 min
Lab File: VU042933.D
Acq: 05 Apr 2021 16:11



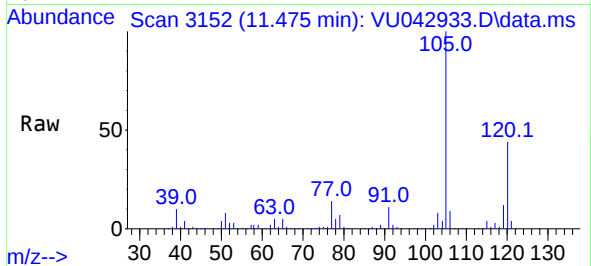
Tgt Ion: 105 Resp: 112476
Ion Ratio Lower Upper
105 100
120 47.4 23.4 70.2





#84
1,2,4-Trimethylbenzene
Concen: 83.30 ug/l
RT: 11.475 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VU042933.D
Acq: 05 Apr 2021 16:11

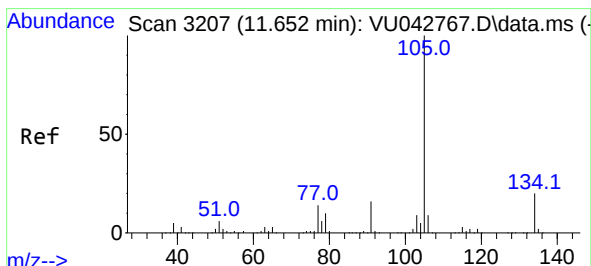
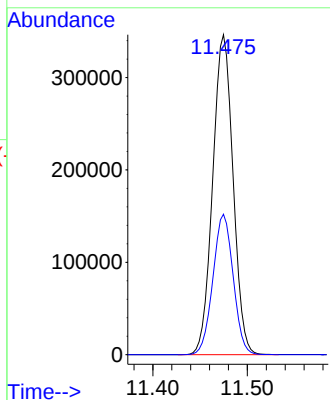
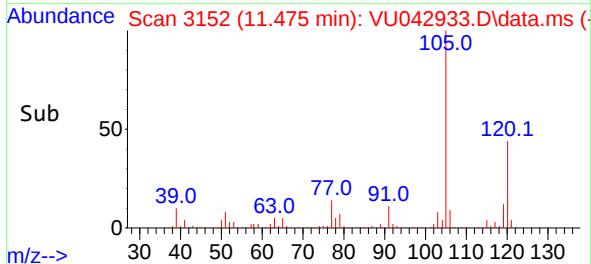
Instrument :
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ClientSampled :
41726



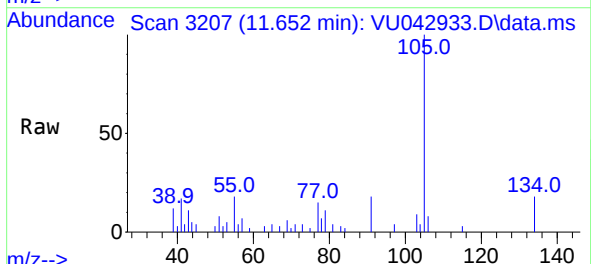
Tgt Ion:105 Resp: 517959
Ion Ratio Lower Upper
105 100
120 43.7 22.3 66.8

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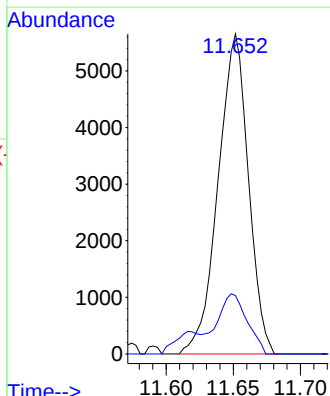
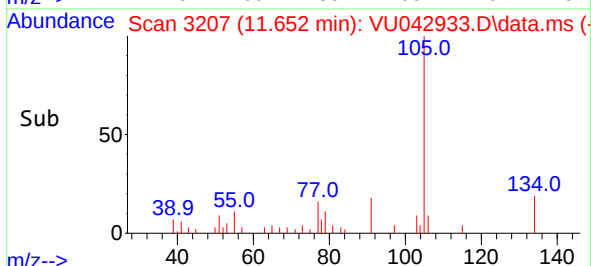
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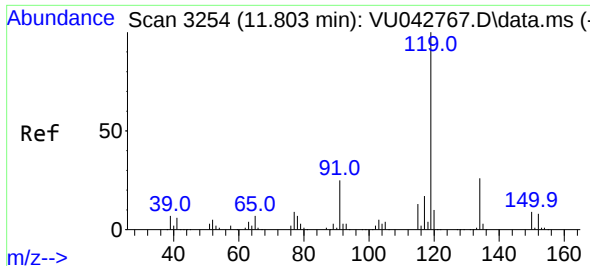


#85
sec-Butylbenzene
Concen: 1.27 ug/l m
RT: 11.652 min Scan# 3207
Delta R.T. -0.000 min
Lab File: VU042933.D
Acq: 05 Apr 2021 16:11

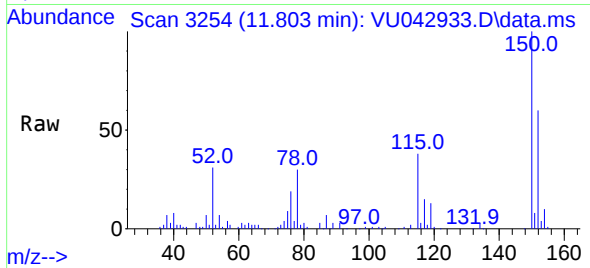


Tgt Ion:105 Resp: 8864
Ion Ratio Lower Upper
105 100
134 0.0 9.8 29.5#

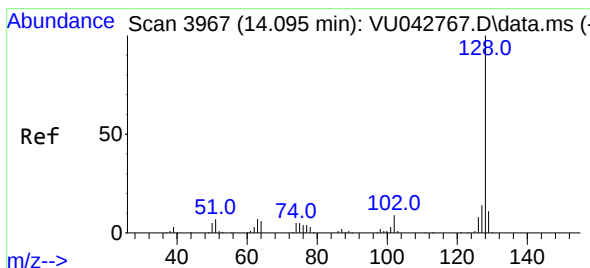
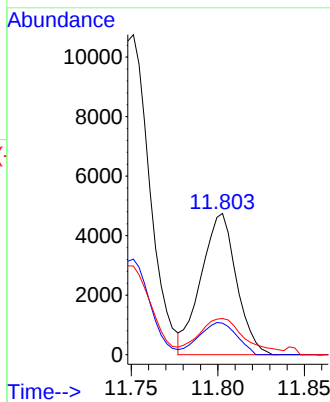
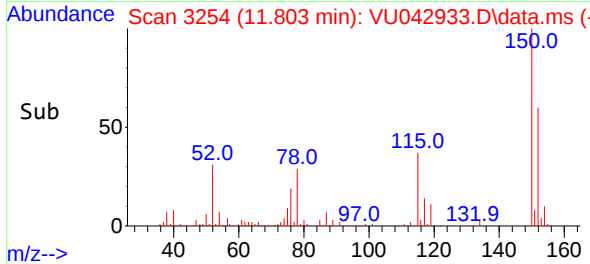




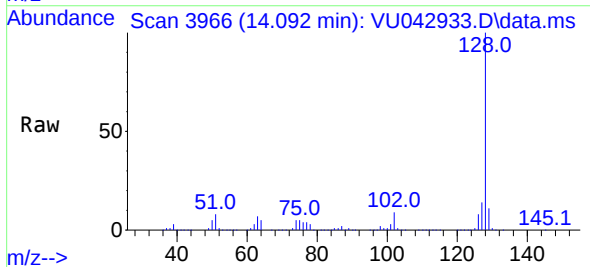
#86
p-Isopropyltoluene
Concen: 1.05 ug/l
RT: 11.803 min Scan# 3254
Delta R.T. -0.000 min
Lab File: VU042933.D
Acq: 05 Apr 2021 16:11



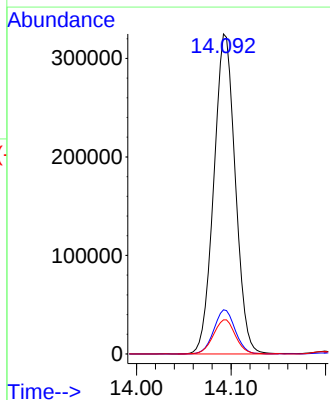
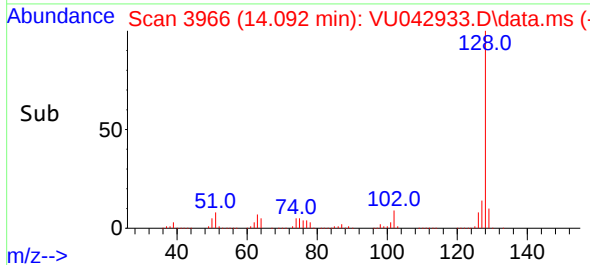
Tgt Ion:119 Resp: 6726
Ion Ratio Lower Upper
119 100
134 24.2 12.8 38.3
91 28.0 12.6 37.8



#95
Naphthalene
Concen: 66.52 ug/l
RT: 14.092 min Scan# 3966
Delta R.T. -0.003 min
Lab File: VU042933.D
Acq: 05 Apr 2021 16:11



Tgt Ion:128 Resp: 512510
Ion Ratio Lower Upper
128 100
127 13.8 10.9 16.3
129 11.0 8.7 13.1



Instrument :
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