

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061621\
 Data File : VU044235.D
 Acq On : 16 Jun 2021 13:02
 Operator : SY/MD
 Sample : M2717-01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 33233

Manual Integrations
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 6/17/2021 9:22:08 AM

Quant Time: Jun 17 04:55:51 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U060921W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 10 05:11:37 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.385	168	237281	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	394266	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	371405	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	192208	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.713	65	154728	41.005	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.020%	
35) Dibromofluoromethane	5.301	113	123966	45.200	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.400%	
50) Toluene-d8	7.906	98	498287	47.307	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.620%	
62) 4-Bromofluorobenzene	10.639	95	196945	46.657	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.320%	
Target Compounds					Qvalue	
11) Tert butyl alcohol	3.218	59	46988	46.290	ug/l	100
13) Acrolein	2.498	56	9220	13.958	ug/l	99
16) Acetone	2.642	43	667360	343.335	ug/l	96
18) Methyl Acetate	2.961	43	9029	1.860	ug/l	99
25) 2-Butanone	4.723	43	15319406	4864.093	ug/l	96
29) Tetrahydrofuran	5.067	42	16806	9.816	ug/l	93
52) Toluene	7.976	92	12734	1.653	ug/l	99
59) 2-Hexanone	8.690	43	40364	9.377	ug/l	90
67) Ethyl Benzene	9.578	91	55823	3.913	ug/l	98
68) m/p-Xylenes	9.697	106	95804	17.981	ug/l	98
69) o-Xylene	10.105	106	83173	16.464	ug/l	98
70) Styrene	10.118	104	59861	6.803	ug/l	87
73) Isopropylbenzene	10.488	105	23923	1.859	ug/l	98
78) n-propylbenzene	10.912	91	87746	5.238	ug/l	100
80) 1,3,5-Trimethylbenzene	11.092	105	133477	11.657	ug/l	99
85) sec-Butylbenzene	11.648	105	33498m	2.374	ug/l	
86) p-Isopropyltoluene	11.799	119	19353	1.601	ug/l	96
89) n-Butylbenzene	12.211	91	61326	4.995	ug/l #	47
95) Naphthalene	14.092	128	212900	17.700	ug/l	99

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

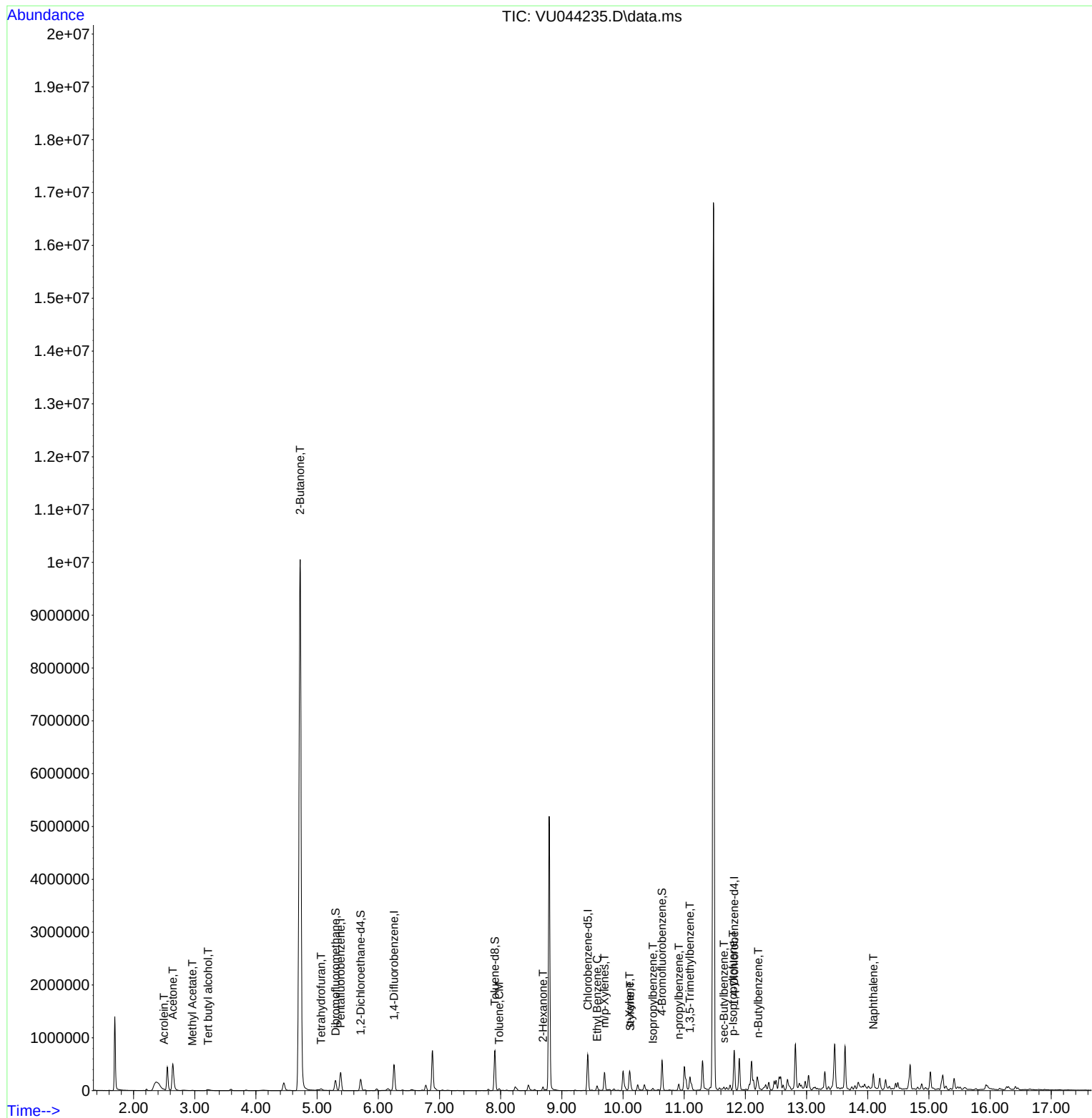
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061621\
Data File : VU044235.D
Acq On : 16 Jun 2021 13:02
Operator : SY/MD
Sample : M2717-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

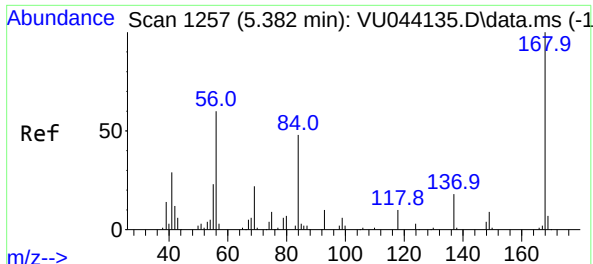
Instrument :
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33233

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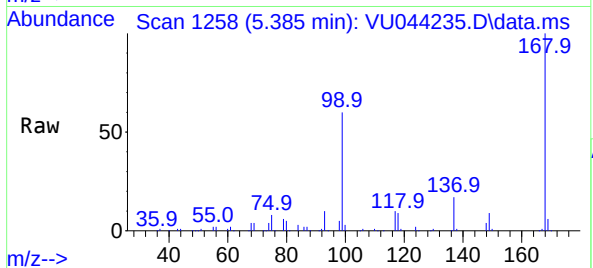
Quant Time: Jun 17 04:55:51 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U060921W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 10 05:11:37 2021
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.385 min Scan# 1258
Delta R.T. 0.003 min
Lab File: VU044235.D
Acq: 16 Jun 2021 13:02

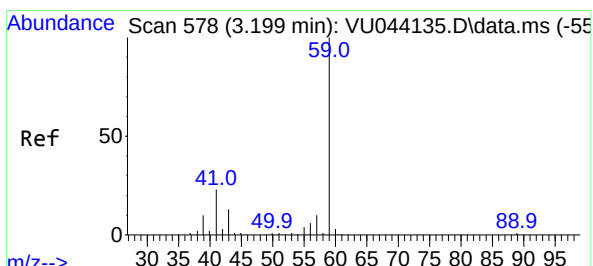
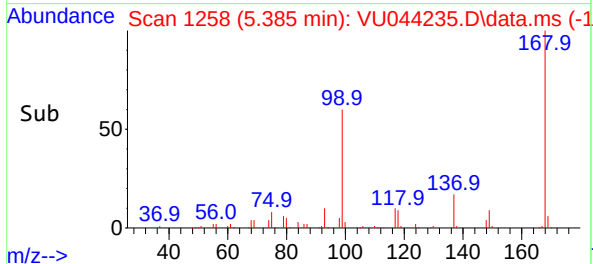
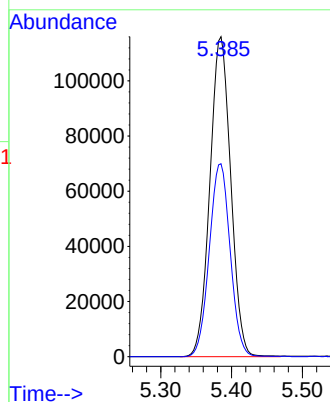
Instrument :
MSVOA_U
ClientSampled :
33233



Tgt Ion:168 Resp: 237281
Ion Ratio Lower Upper
168 100
99 60.3 51.3 76.9

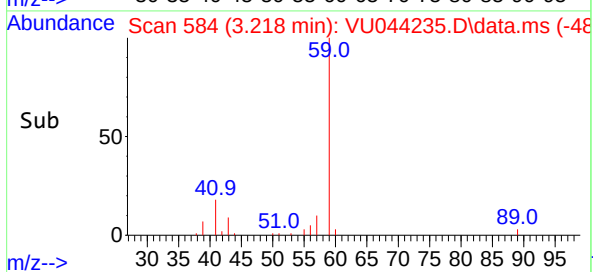
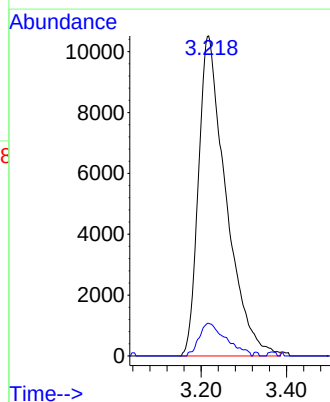
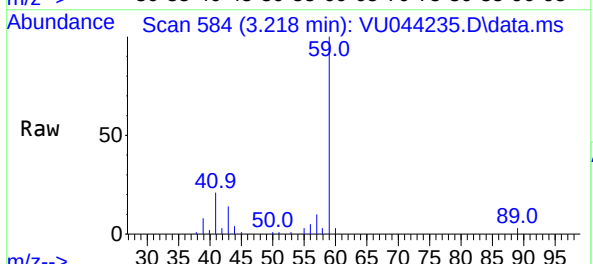
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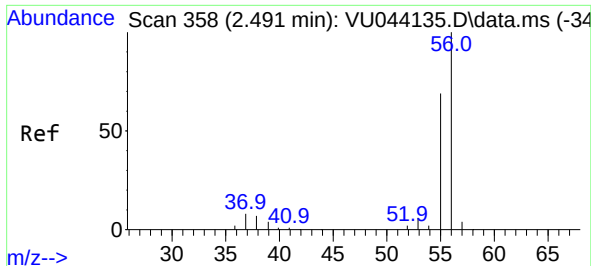
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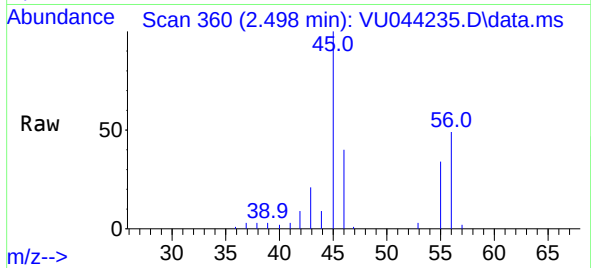
#11
Tert butyl alcohol
Concen: 46.290 ug/l
RT: 3.218 min Scan# 584
Delta R.T. 0.019 min
Lab File: VU044235.D
Acq: 16 Jun 2021 13:02

Tgt Ion: 59 Resp: 46988
Ion Ratio Lower Upper
59 100
57 10.0 8.0 12.0

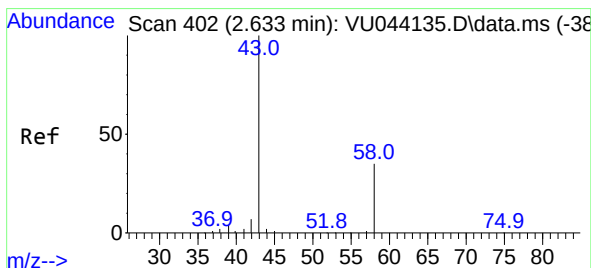
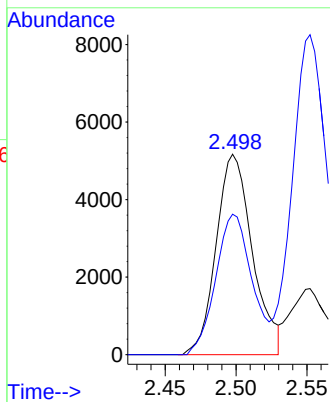
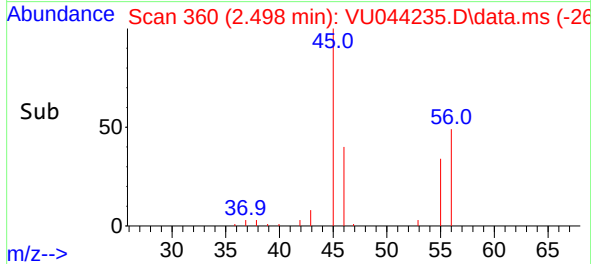




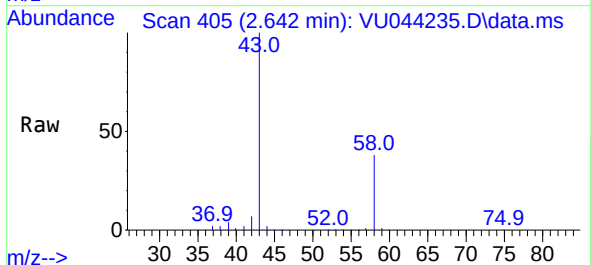
#13
Acrolein
Concen: 13.958 ug/l
RT: 2.498 min Scan# 360
Delta R.T. 0.007 min
Lab File: VU044235.D
Acq: 16 Jun 2021 13:02



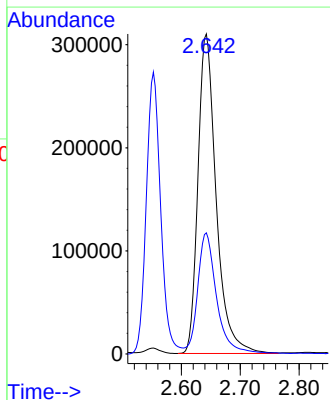
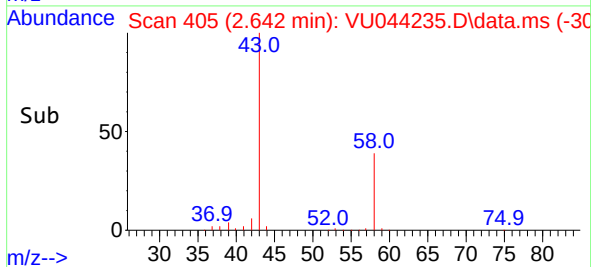
Tgt Ion: 56 Resp: 9220
Ion Ratio Lower Upper
56 100
55 69.8 55.1 82.7



#16
Acetone
Concen: 343.335 ug/l
RT: 2.642 min Scan# 405
Delta R.T. 0.009 min
Lab File: VU044235.D
Acq: 16 Jun 2021 13:02



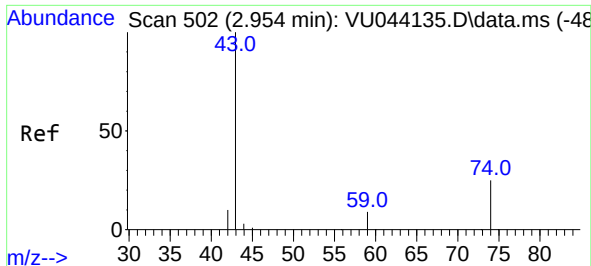
Tgt Ion: 43 Resp: 667360
Ion Ratio Lower Upper
43 100
58 37.6 28.0 42.0



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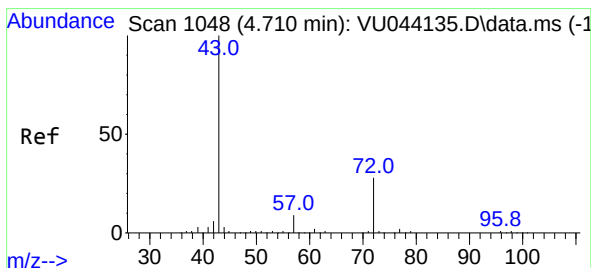
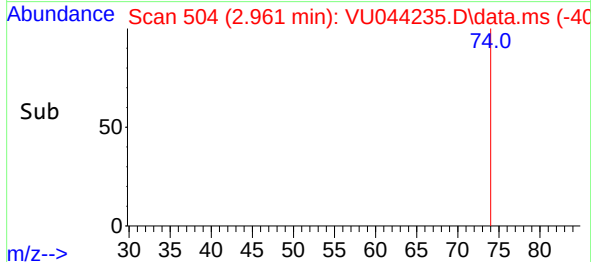
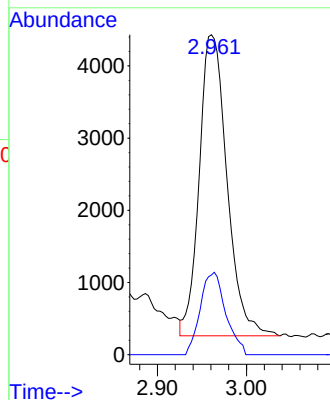
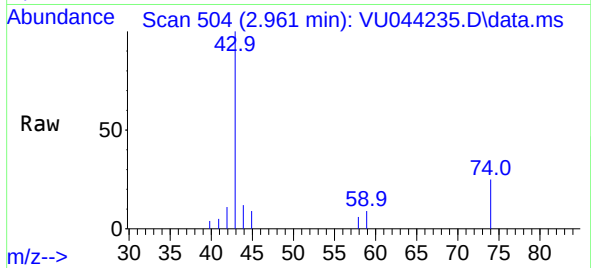
#18
Methyl Acetate
Concen: 1.860 ug/l
RT: 2.961 min Scan# 504
Delta R.T. 0.007 min
Lab File: VU044235.D
Acq: 16 Jun 2021 13:02

Tgt Ion: 43 Resp: 9029
Ion Ratio Lower Upper
43 100
74 25.0 20.3 30.5

Instrument :
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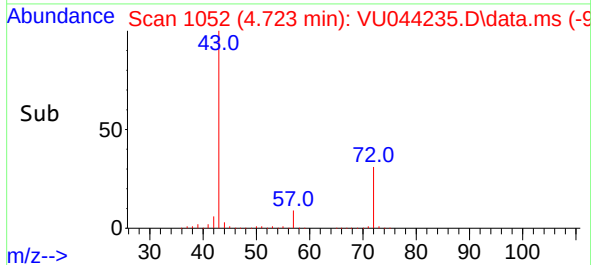
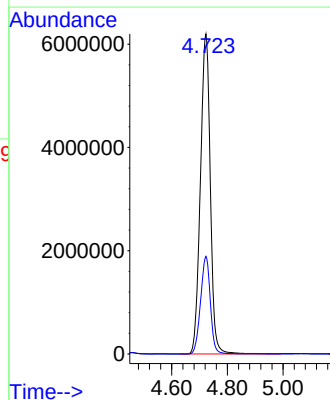
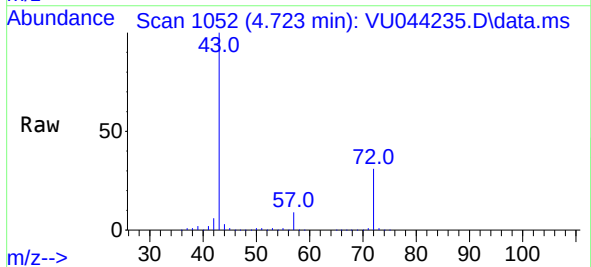
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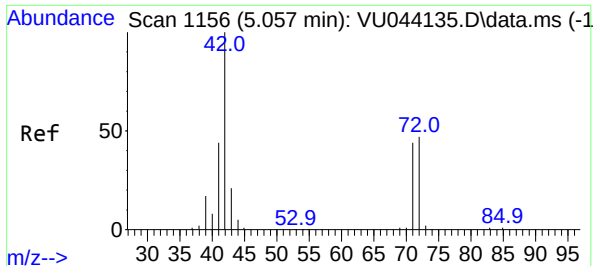
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#25
2-Butanone
Concen: 4864.093 ug/l
RT: 4.723 min Scan# 1052
Delta R.T. 0.013 min
Lab File: VU044235.D
Acq: 16 Jun 2021 13:02

Tgt Ion: 43 Resp:15319406
Ion Ratio Lower Upper
43 100
72 30.5 22.6 33.8





#29

Tetrahydrofuran

Concen: 9.816 ug/l

RT: 5.067 min Scan# 1159

Delta R.T. 0.010 min

Lab File: VU044235.D

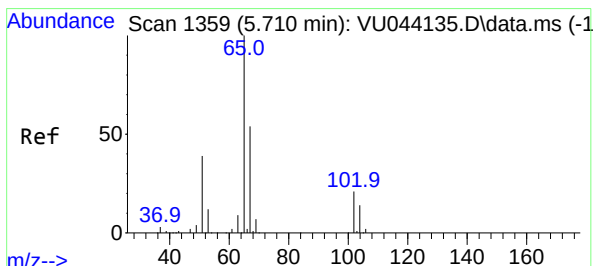
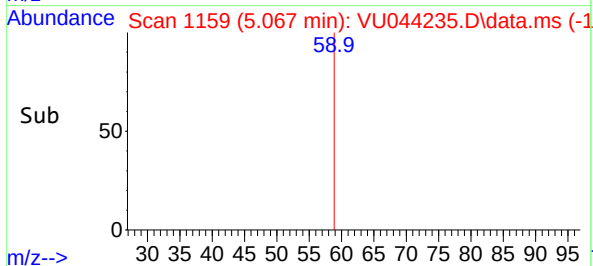
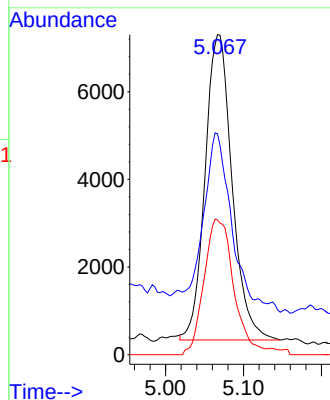
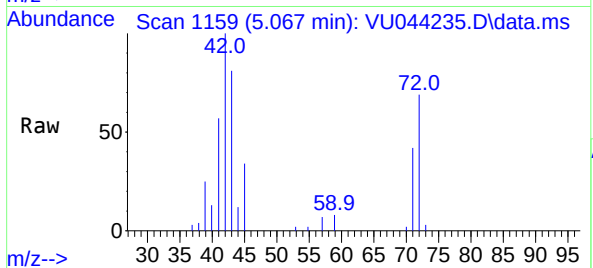
Acq: 16 Jun 2021 13:02

Tgt Ion:	42	Resp:	16806
Ion	Ratio	Lower	Upper
42	100		
72	53.7	38.6	57.8
71	48.5	35.5	53.3

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#33

1,2-Dichloroethane-d4

Concen: 41.005 ug/l

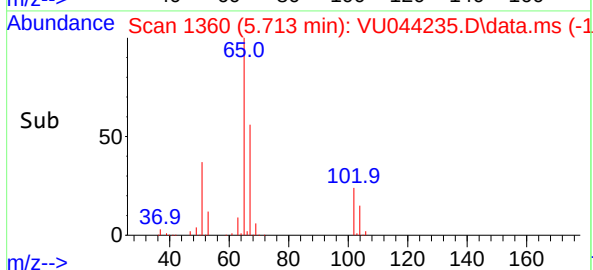
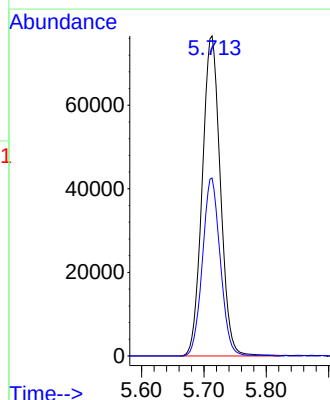
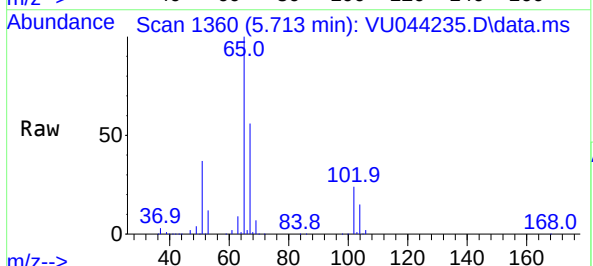
RT: 5.713 min Scan# 1360

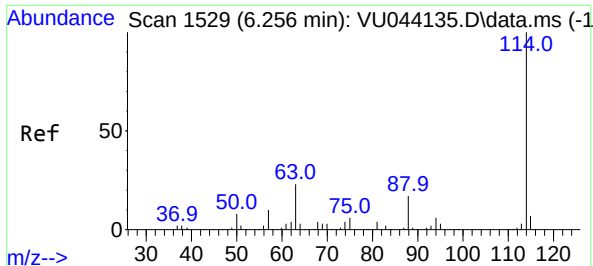
Delta R.T. 0.003 min

Lab File: VU044235.D

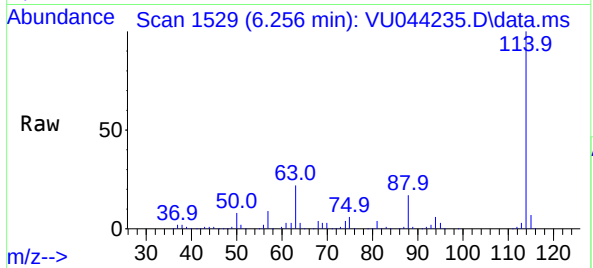
Acq: 16 Jun 2021 13:02

Tgt Ion:	65	Resp:	154728
Ion	Ratio	Lower	Upper
65	100		
67	54.6	0.0	106.6

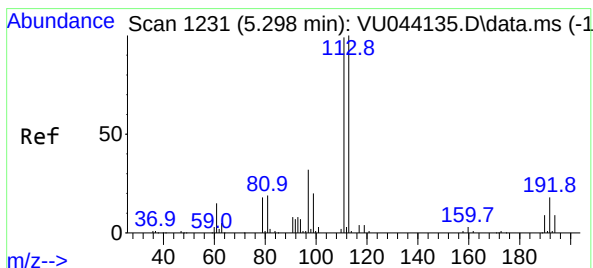
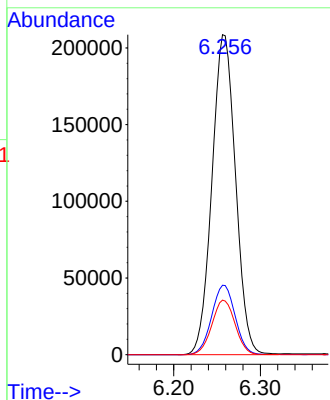
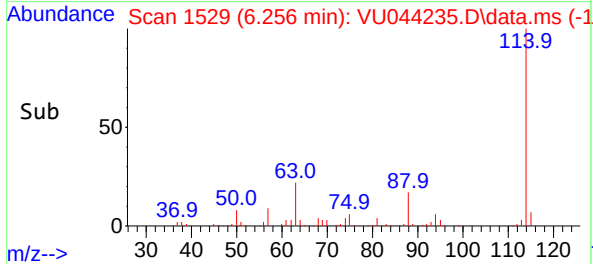




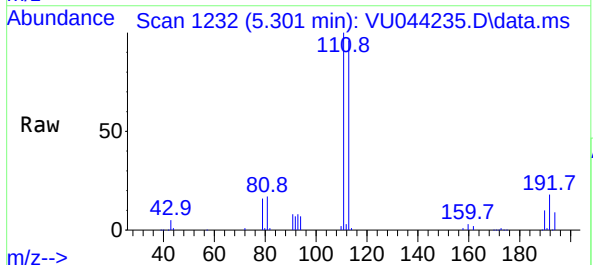
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.256 min Scan# 1529
Delta R.T. 0.000 min
Lab File: VU044235.D
Acq: 16 Jun 2021 13:02



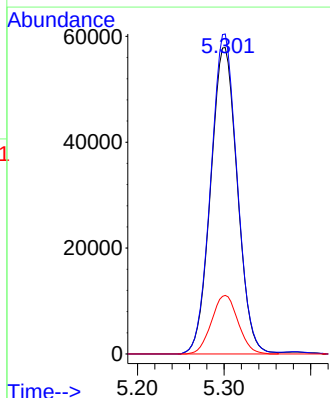
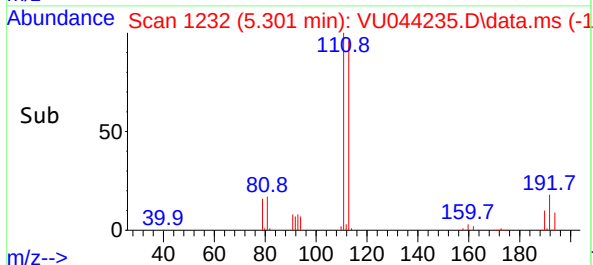
Tgt Ion:114 Resp: 394266
Ion Ratio Lower Upper
114 100
63 21.7 0.0 45.8
88 17.0 0.0 34.0



#35
Dibromofluoromethane
Concen: 45.200 ug/l
RT: 5.301 min Scan# 1232
Delta R.T. 0.003 min
Lab File: VU044235.D
Acq: 16 Jun 2021 13:02



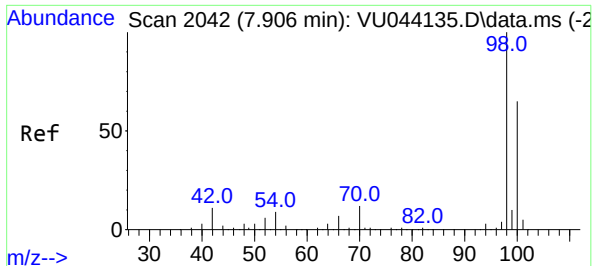
Tgt Ion:113 Resp: 123966
Ion Ratio Lower Upper
113 100
111 103.1 81.0 121.4
192 19.0 14.3 21.5



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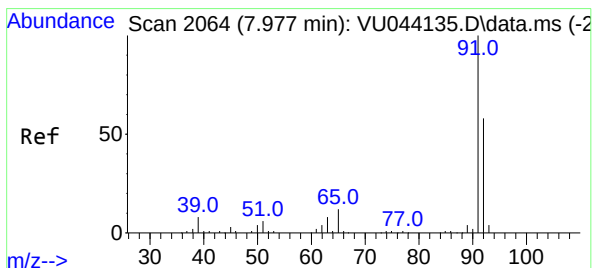
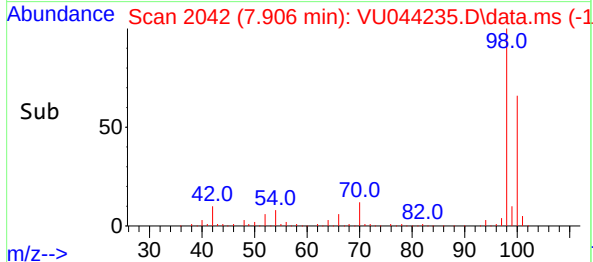
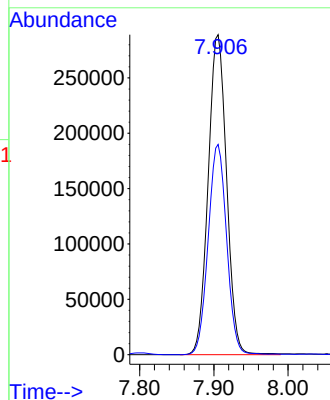
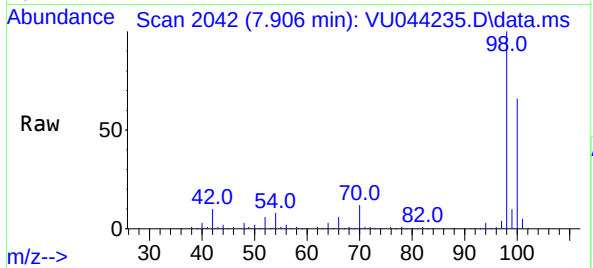
#50
Toluene-d8
Concen: 47.307 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. -0.000 min
Lab File: VU044235.D
Acq: 16 Jun 2021 13:02

Tgt Ion: 98 Resp: 498287
Ion Ratio Lower Upper
98 100
100 65.7 52.2 78.4

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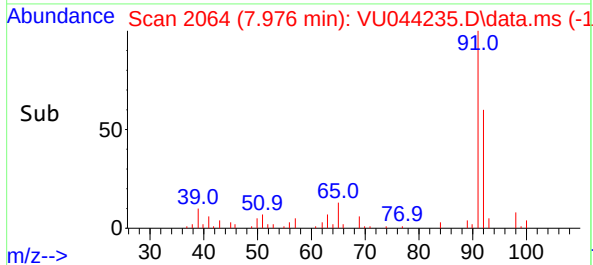
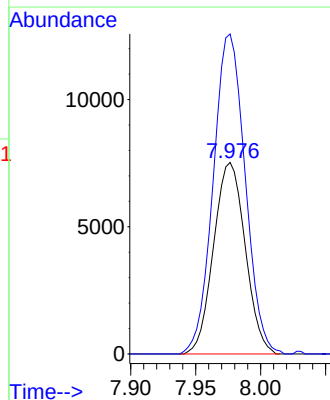
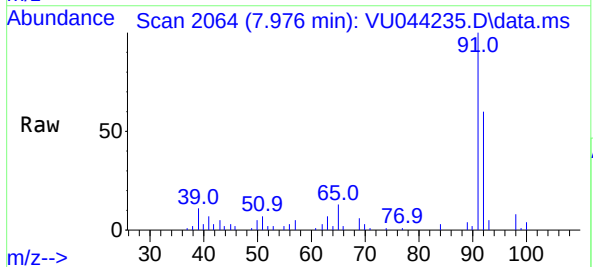
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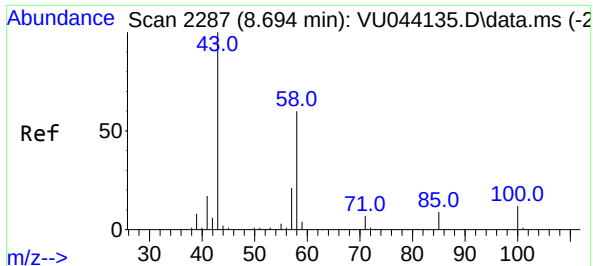
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#52
Toluene
Concen: 1.653 ug/l
RT: 7.976 min Scan# 2064
Delta R.T. -0.001 min
Lab File: VU044235.D
Acq: 16 Jun 2021 13:02

Tgt Ion: 92 Resp: 12734
Ion Ratio Lower Upper
92 100
91 168.6 136.2 204.4





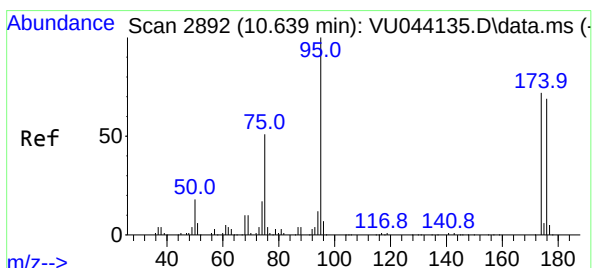
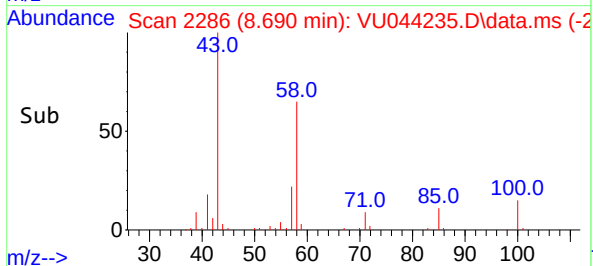
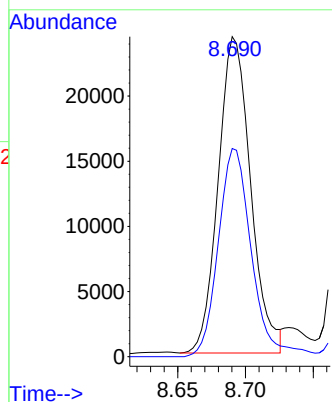
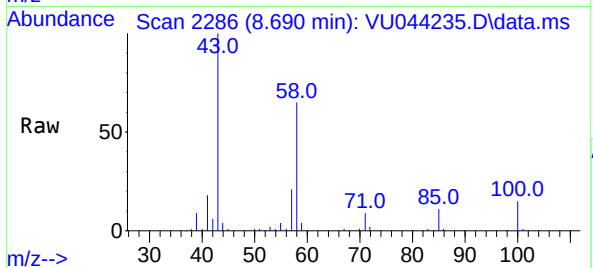
#59
2-Hexanone
Concen: 9.377 ug/l
RT: 8.690 min Scan# 2286
Delta R.T. -0.004 min
Lab File: VU044235.D
Acq: 16 Jun 2021 13:02

Tgt Ion: 43 Resp: 40364
Ion Ratio Lower Upper
43 100
58 67.4 30.0 90.1

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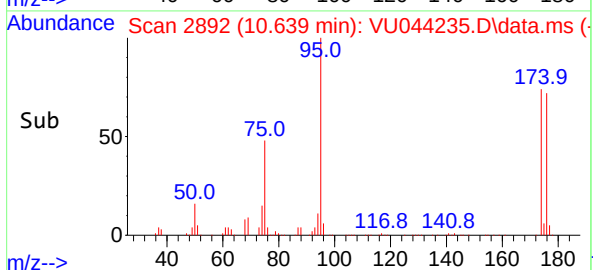
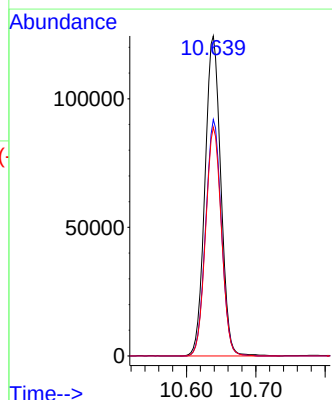
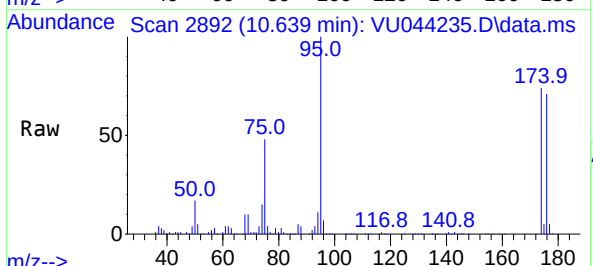
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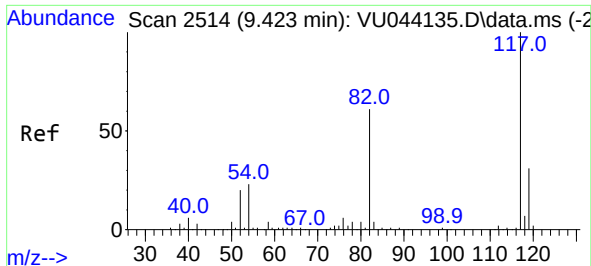
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#62
4-Bromofluorobenzene
Concen: 46.657 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU044235.D
Acq: 16 Jun 2021 13:02

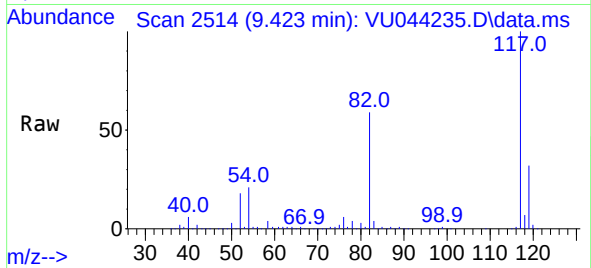
Tgt Ion: 95 Resp: 196945
Ion Ratio Lower Upper
95 100
174 73.3 0.0 144.4
176 71.2 0.0 138.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. -0.000 min
Lab File: VU044235.D
Acq: 16 Jun 2021 13:02

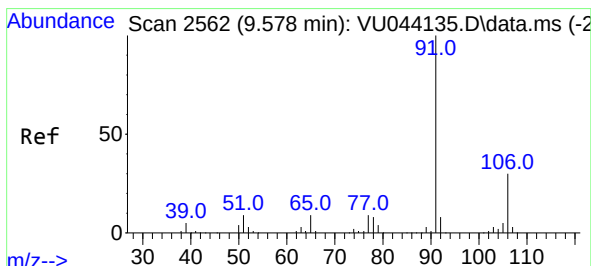
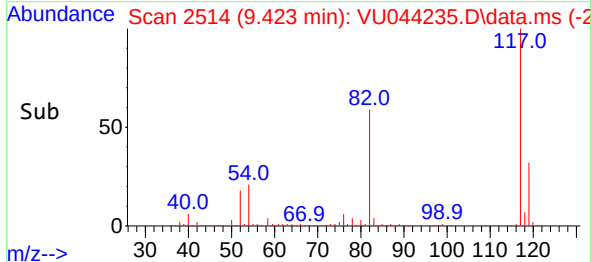
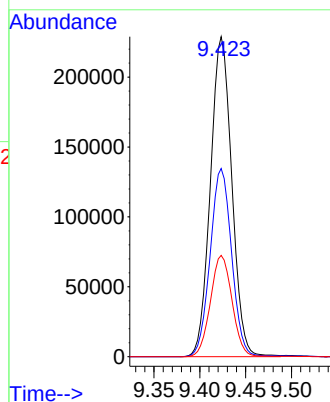
Instrument :
MSVOA_U
ClientSampled :
33233



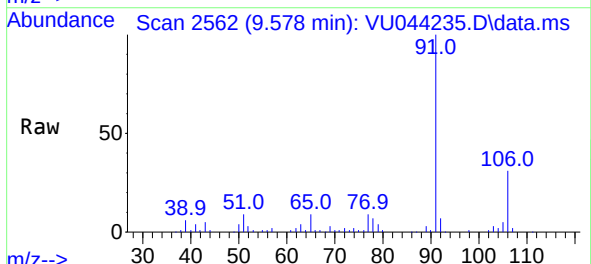
Tgt Ion:117 Resp: 371405
Ion Ratio Lower Upper
117 100
82 58.8 48.8 73.2
119 31.6 25.0 37.6

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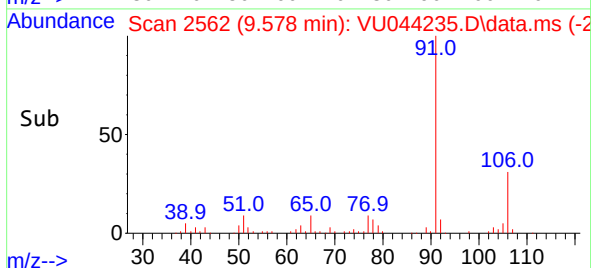
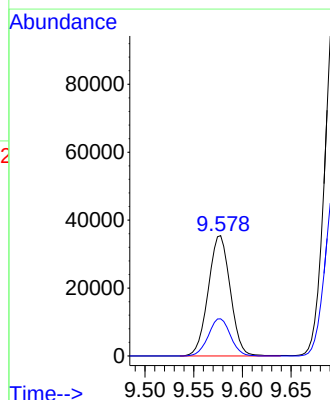
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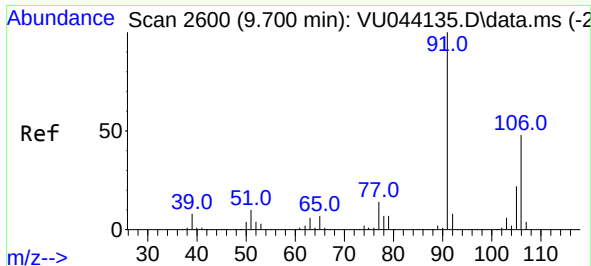


#67
Ethyl Benzene
Concen: 3.913 ug/l
RT: 9.578 min Scan# 2562
Delta R.T. -0.000 min
Lab File: VU044235.D
Acq: 16 Jun 2021 13:02



Tgt Ion: 91 Resp: 55823
Ion Ratio Lower Upper
91 100
106 30.9 23.9 35.9





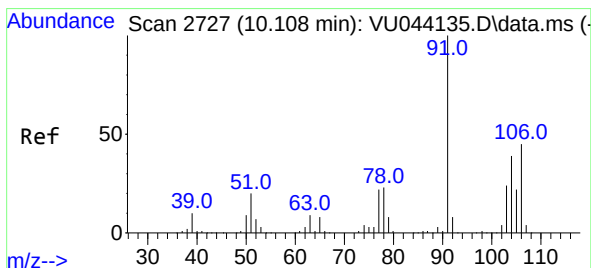
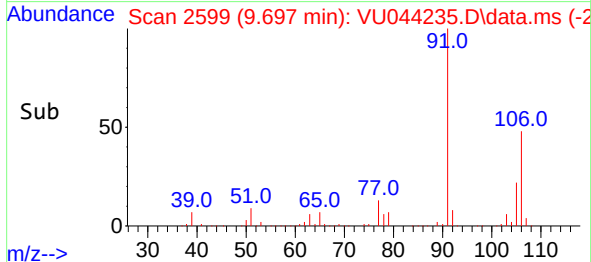
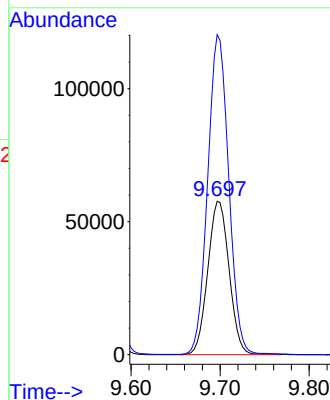
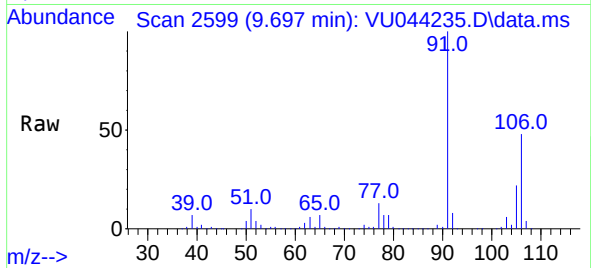
#68
m/p-Xylenes
Concen: 17.981 ug/l
RT: 9.697 min Scan# 2599
Delta R.T. -0.003 min
Lab File: VU044235.D
Acq: 16 Jun 2021 13:02

Tgt Ion:106 Resp: 95804
Ion Ratio Lower Upper
106 100
91 206.3 167.4 251.2

Instrument :
MSVOA_U
ClientSampled :
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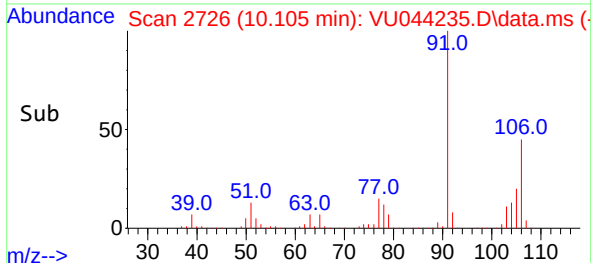
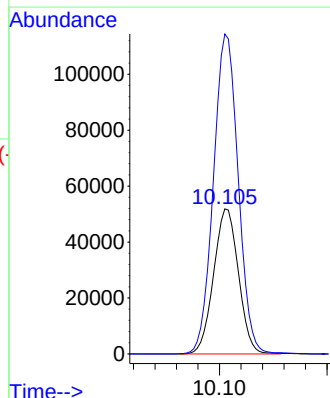
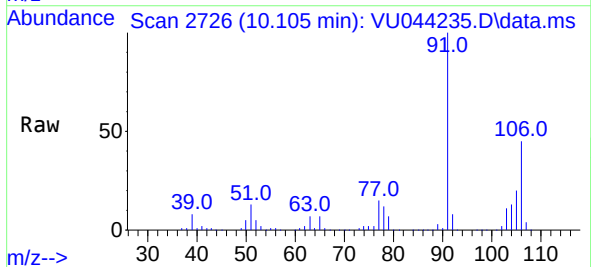
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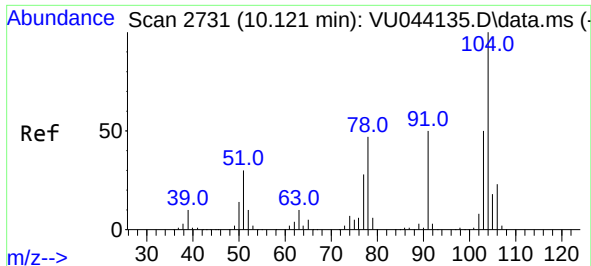
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#69
o-Xylene
Concen: 16.464 ug/l
RT: 10.105 min Scan# 2726
Delta R.T. -0.003 min
Lab File: VU044235.D
Acq: 16 Jun 2021 13:02

Tgt Ion:106 Resp: 83173
Ion Ratio Lower Upper
106 100
91 220.1 111.8 335.3





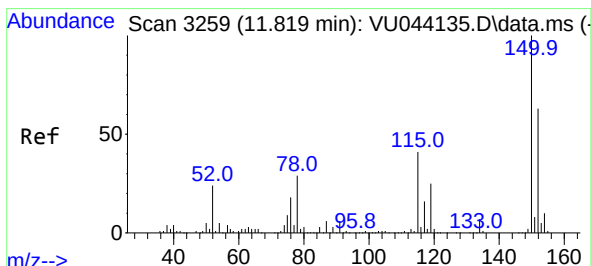
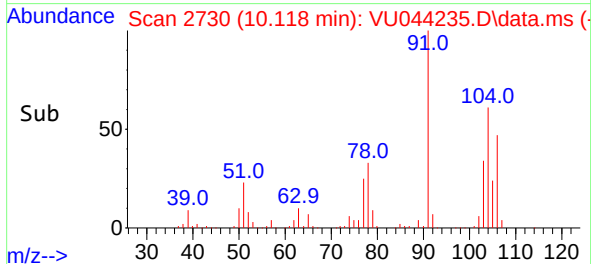
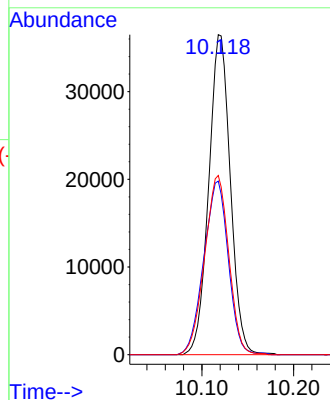
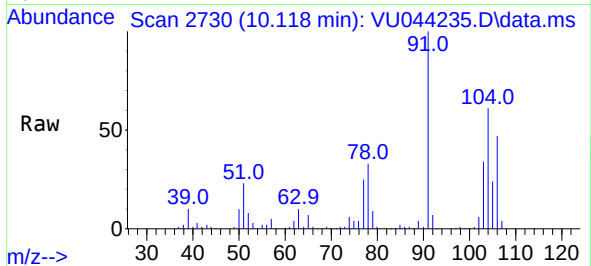
#70
Styrene
Concen: 6.803 ug/l
RT: 10.118 min Scan# 2730
Delta R.T. -0.003 min
Lab File: VU044235.D
Acq: 16 Jun 2021 13:02

Tgt Ion:104 Resp: 59861
Ion Ratio Lower Upper
104 100
78 61.4 41.1 61.7
103 62.7 43.4 65.2

Instrument :
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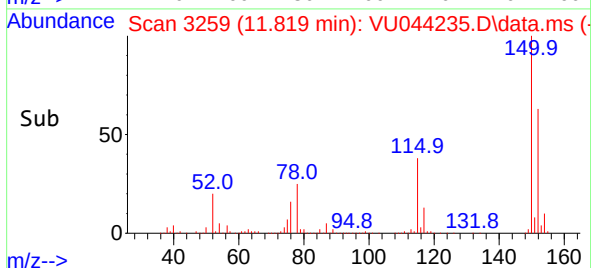
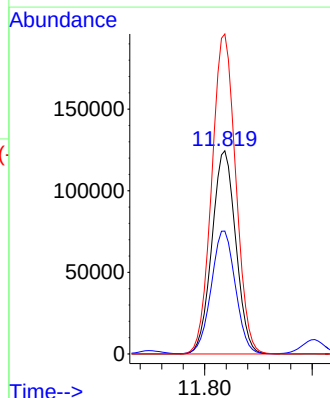
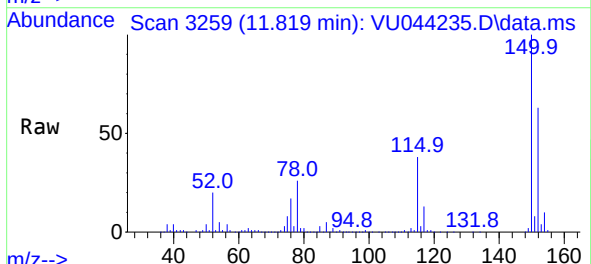
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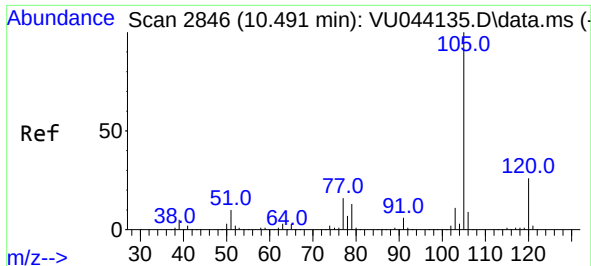
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.819 min Scan# 3259
Delta R.T. -0.000 min
Lab File: VU044235.D
Acq: 16 Jun 2021 13:02

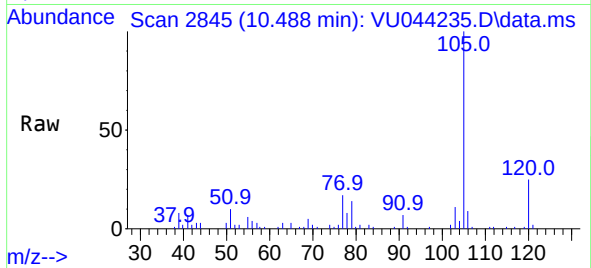
Tgt Ion:152 Resp: 192208
Ion Ratio Lower Upper
152 100
115 61.5 43.8 131.3
150 157.8 0.0 350.6





#73
Isopropylbenzene
Concen: 1.859 ug/l
RT: 10.488 min Scan# 2845
Delta R.T. -0.003 min
Lab File: VU044235.D
Acq: 16 Jun 2021 13:02

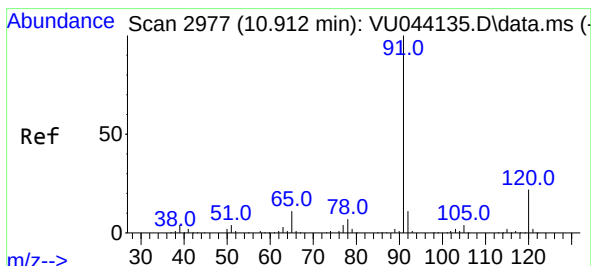
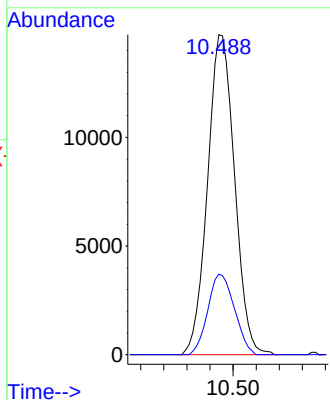
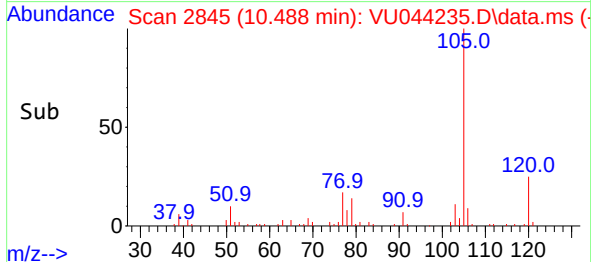
Instrument :
MSVOA_U
ClientSampled :
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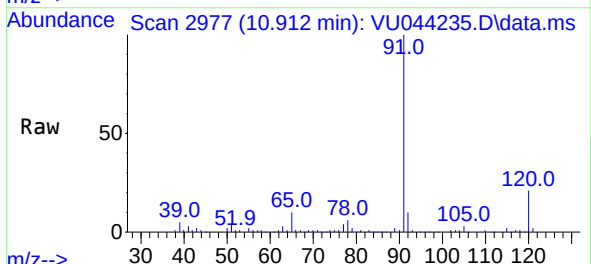
Tgt Ion:105 Resp: 23923
Ion Ratio Lower Upper
105 100
120 24.7 12.8 38.4

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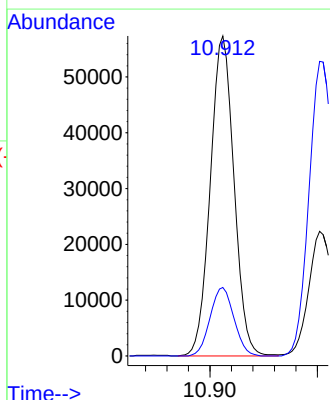
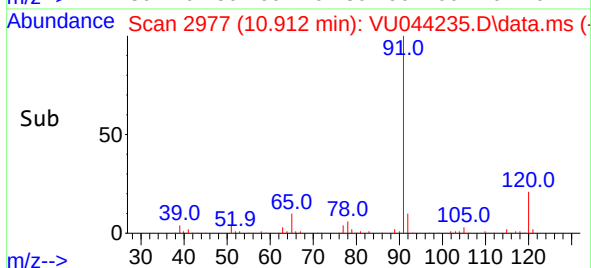
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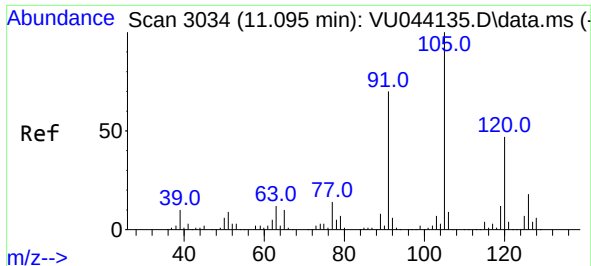


#78
n-propylbenzene
Concen: 5.238 ug/l
RT: 10.912 min Scan# 2977
Delta R.T. -0.000 min
Lab File: VU044235.D
Acq: 16 Jun 2021 13:02



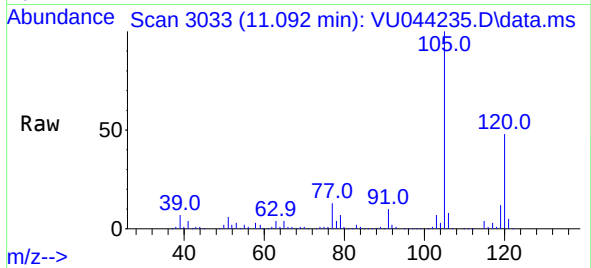
Tgt Ion: 91 Resp: 87746
Ion Ratio Lower Upper
91 100
120 21.5 10.8 32.4





#80
1,3,5-Trimethylbenzene
Concen: 11.657 ug/l
RT: 11.092 min Scan# 3033
Delta R.T. -0.003 min
Lab File: VU044235.D
Acq: 16 Jun 2021 13:02

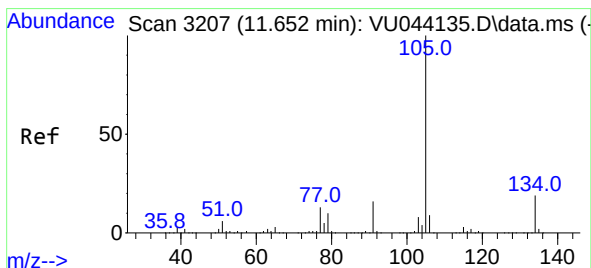
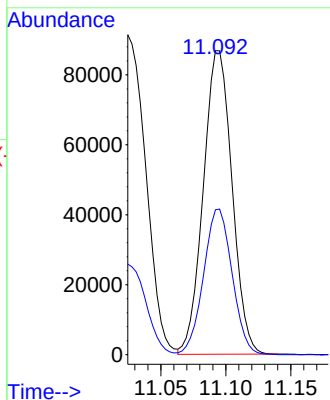
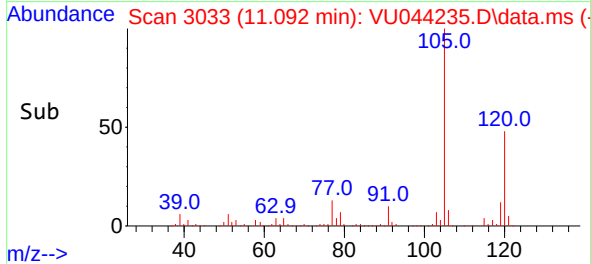
Instrument :
MSVOA_U
ClientSampled :
33233



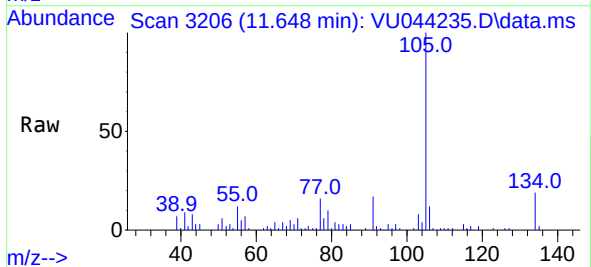
Tgt Ion:105 Resp: 133477
Ion Ratio Lower Upper
105 100
120 47.8 23.5 70.5

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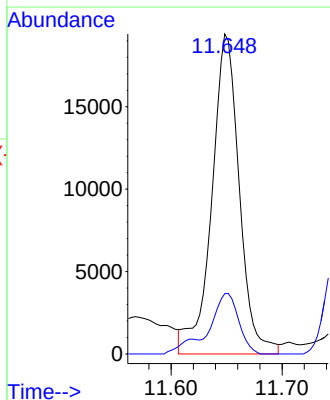
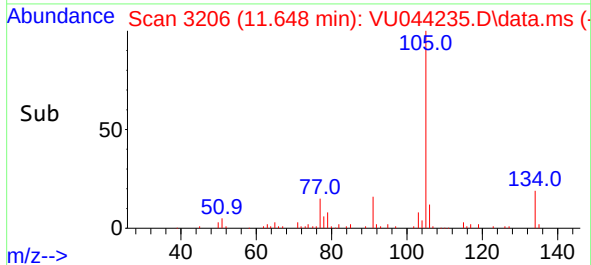
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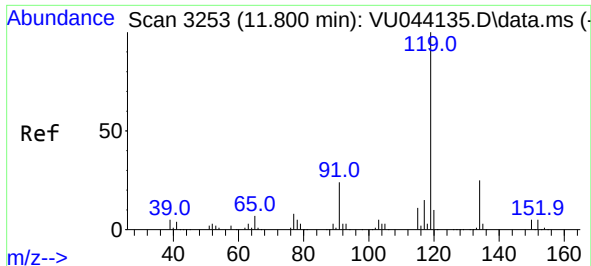


#85
sec-Butylbenzene
Concen: 2.374 ug/l m
RT: 11.648 min Scan# 3206
Delta R.T. -0.004 min
Lab File: VU044235.D
Acq: 16 Jun 2021 13:02



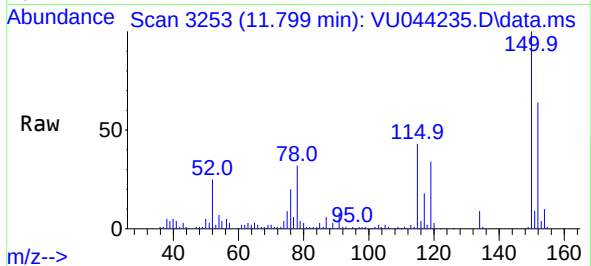
Tgt Ion:105 Resp: 33498
Ion Ratio Lower Upper
105 100
134 0.0 9.4 28.2#





#86
p-Isopropyltoluene
Concen: 1.601 ug/l
RT: 11.799 min Scan# 3253
Delta R.T. -0.001 min
Lab File: VU044235.D
Acq: 16 Jun 2021 13:02

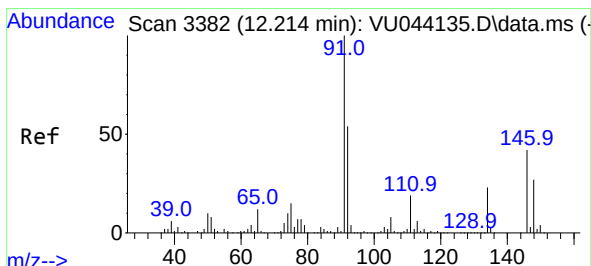
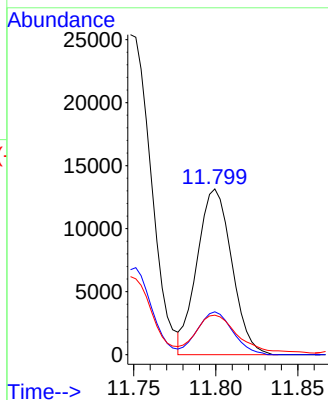
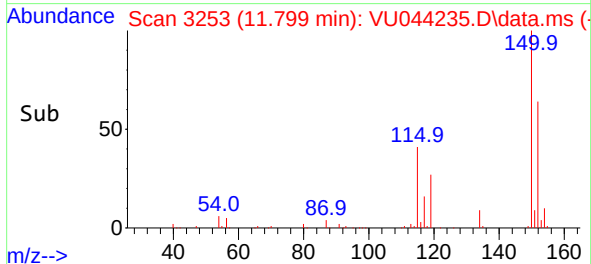
Instrument :
MSVOA_U
ClientSampled :
33233



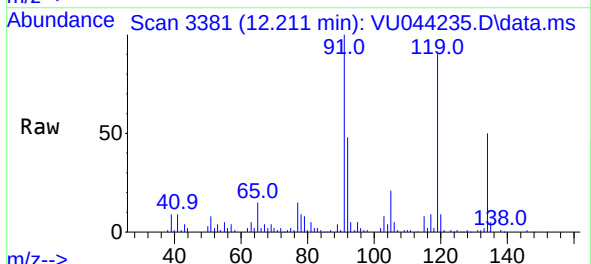
Tgt Ion:119 Resp: 19353
Ion Ratio Lower Upper
119 100
134 26.5 12.6 37.6
91 27.1 12.3 36.8

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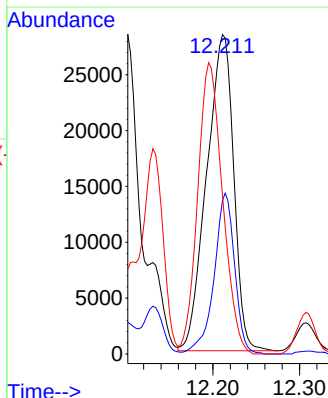
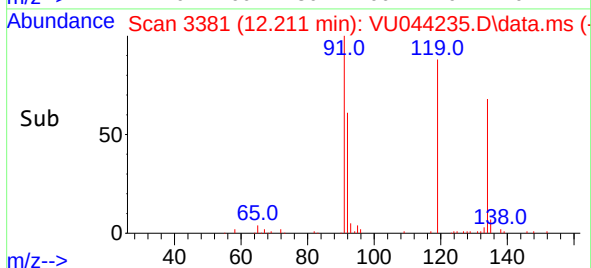
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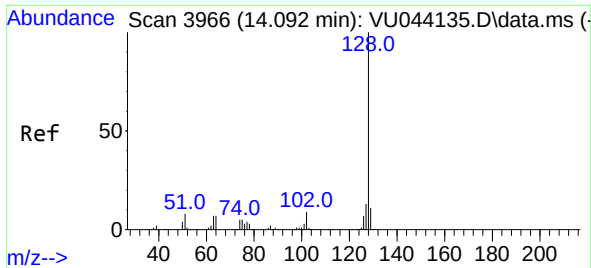


#89
n-Butylbenzene
Concen: 4.995 ug/l
RT: 12.211 min Scan# 3381
Delta R.T. -0.003 min
Lab File: VU044235.D
Acq: 16 Jun 2021 13:02

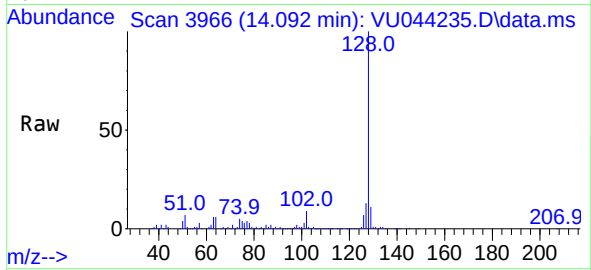


Tgt Ion: 91 Resp: 61326
Ion Ratio Lower Upper
91 100
92 38.8 27.1 81.2
134 85.1 11.9 35.5#

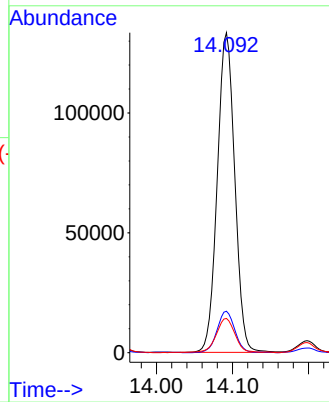
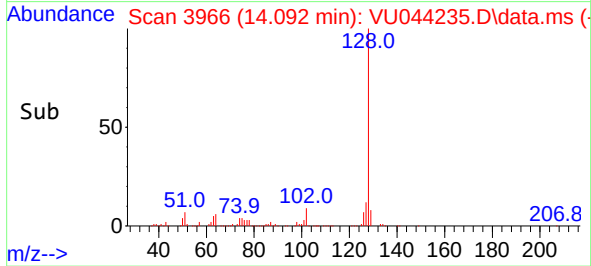




#95
Naphthalene
Concen: 17.700 ug/l
RT: 14.092 min Scan# 3966
Delta R.T. -0.000 min
Lab File: VU044235.D
Acq: 16 Jun 2021 13:02



Tgt Ion:128 Resp: 212900
Ion Ratio Lower Upper
128 100
127 13.3 10.2 15.2
129 11.2 8.6 13.0



Instrument :
MSVOA_U
ClientSampleId :
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