

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040521\
 Data File : VU042934.D
 Acq On : 05 Apr 2021 16:34
 Operator : SY/MD
 Sample : M1903-05
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 30809

Manual Integrations
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 4/6/2021 12:54:42 PM

Quant Time: Apr 06 01:20:28 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	140616	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	224525	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	218086	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	120358	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	111780	49.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.74%	
35) Dibromofluoromethane	5.298	113	79581	47.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.98%	
50) Toluene-d8	7.906	98	282892	47.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.98%	
62) 4-Bromofluorobenzene	10.639	95	112229	48.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.98%	
Target Compounds					Qvalue	
11) Tert butyl alcohol	3.208	59	14304	29.85	ug/l #	84
13) Acrolein	2.507	56	15147	89.36	ug/l	100
16) Acetone	2.636	43	493489	440.54	ug/l #	81
18) Methyl Acetate	2.957	43	5555m	2.16	ug/l	
25) 2-Butanone	4.710	43	126871	69.54	ug/l	99
51) 4-Methyl-2-Pentanone	7.797	43	15175	4.18	ug/l	99
52) Toluene	7.983	92	1856	0.46	ug/l	98
59) 2-Hexanone	8.690	43	27387	9.48	ug/l	93
84) 1,2,4-Trimethylbenzene	11.475	105	3289	0.49	ug/l	82
95) Naphthalene	14.095	128	22484	5.19	ug/l	99

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

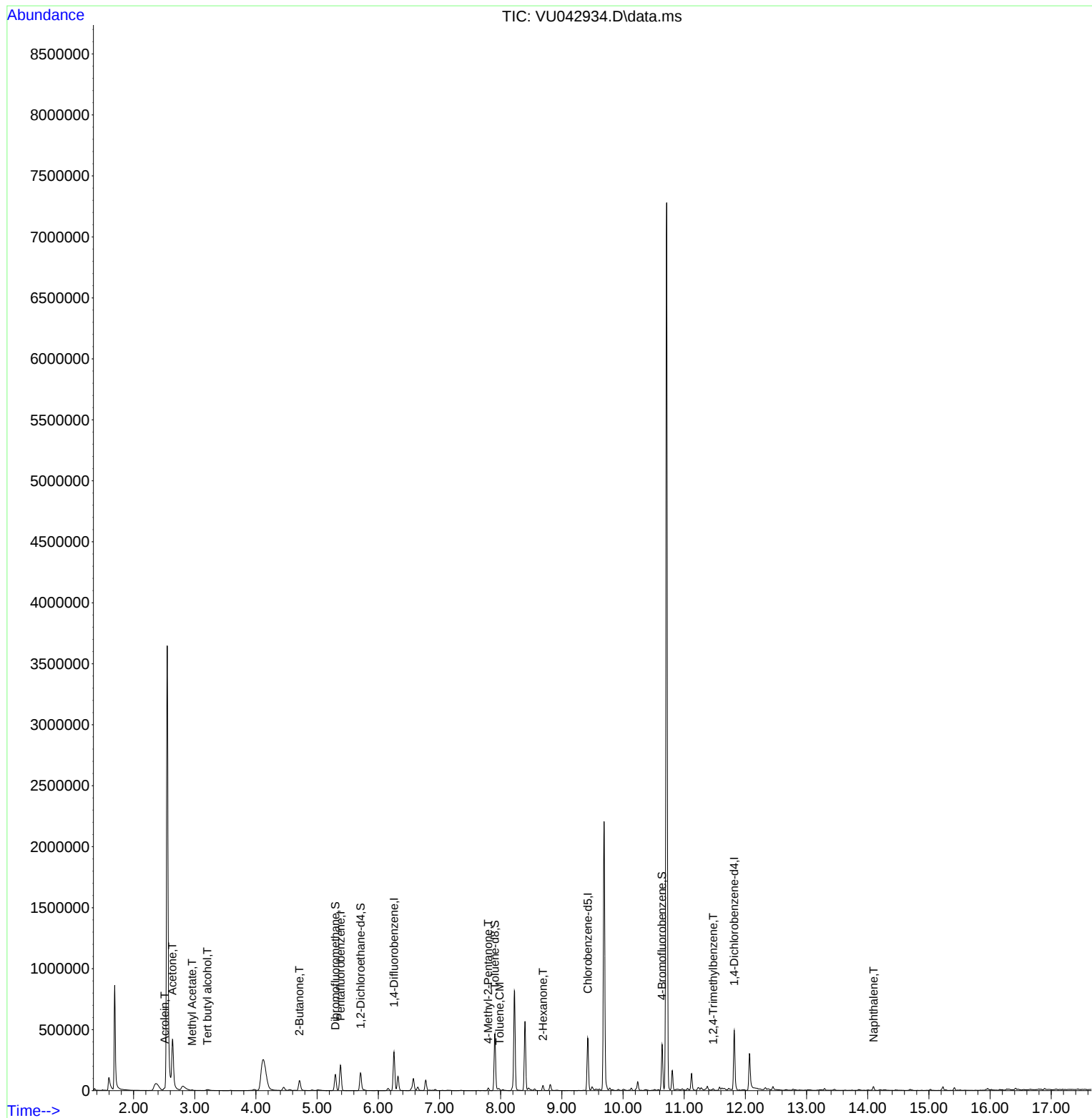
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040521\
Data File : VU042934.D
Acq On : 05 Apr 2021 16:34
Operator : SY/MD
Sample : M1903-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

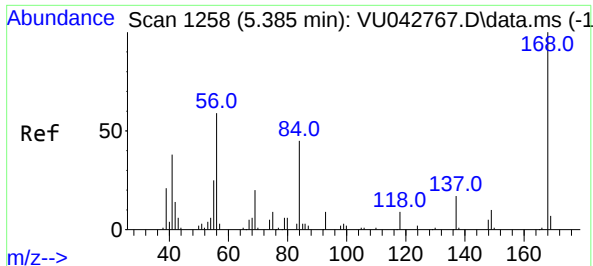
Instrument :
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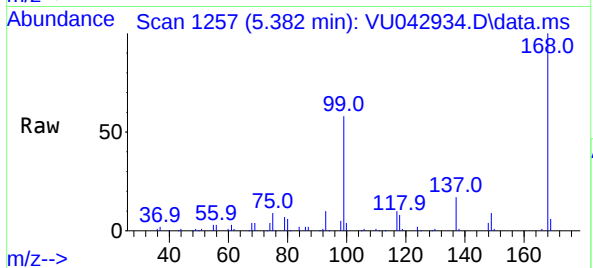
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U032421W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 25 05:42:00 2021
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.003 min
Lab File: VU042934.D
Acq: 05 Apr 2021 16:34

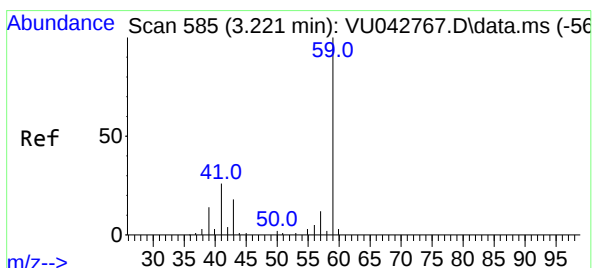
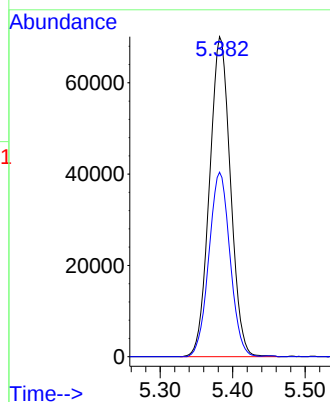
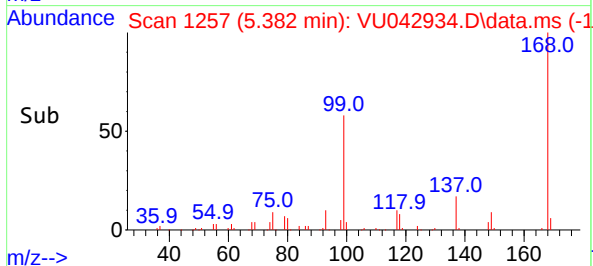
Instrument :
MSVOA_U
ClientSampleId :
30809



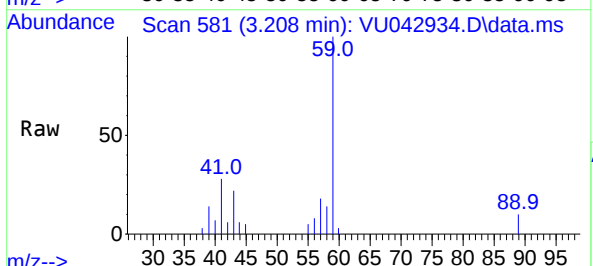
Tgt Ion:168 Resp: 140616
Ion Ratio Lower Upper
168 100
99 57.7 46.4 69.6

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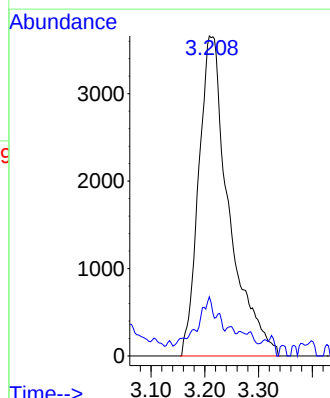
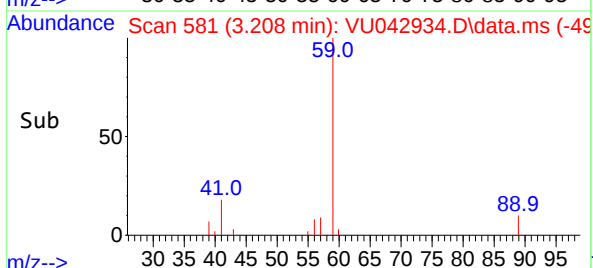
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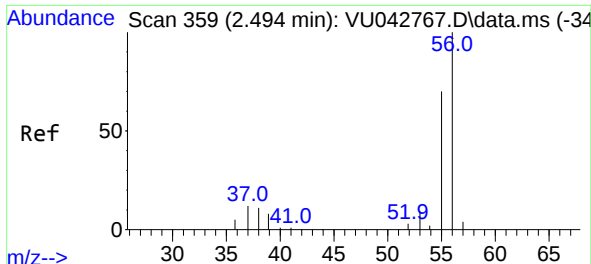


#11
Tert butyl alcohol
Concen: 29.85 ug/l
RT: 3.208 min Scan# 581
Delta R.T. -0.013 min
Lab File: VU042934.D
Acq: 05 Apr 2021 16:34

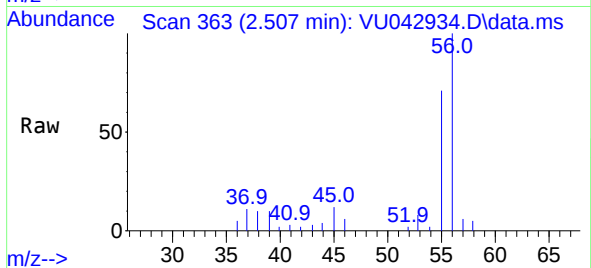


Tgt Ion: 59 Resp: 14304
Ion Ratio Lower Upper
59 100
57 3.3 7.4 11.2#

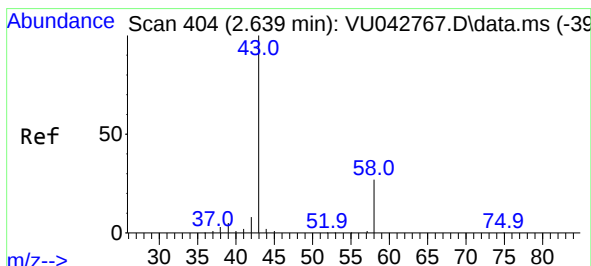
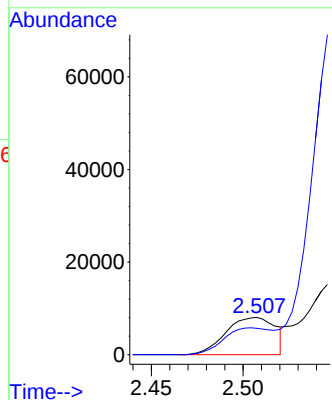
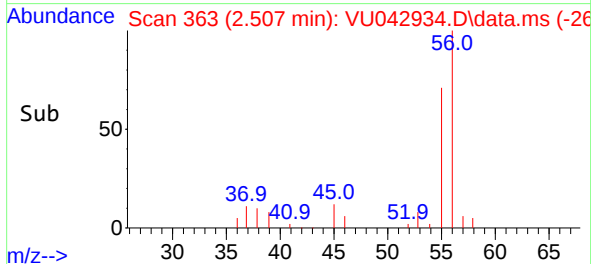




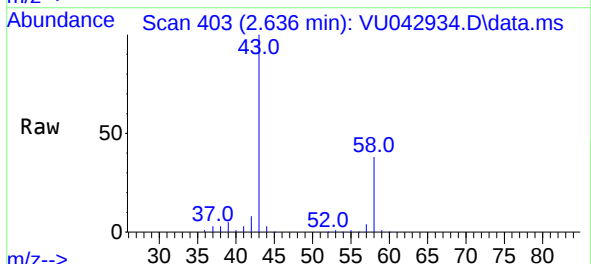
#13
Acrolein
Concen: 89.36 ug/l
RT: 2.507 min Scan# 363
Delta R.T. 0.013 min
Lab File: VU042934.D
Acq: 05 Apr 2021 16:34



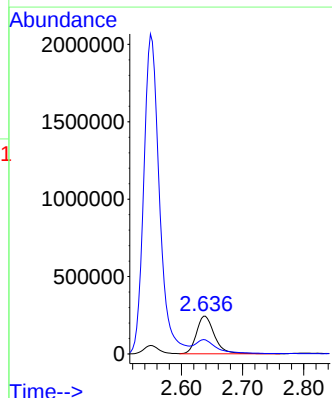
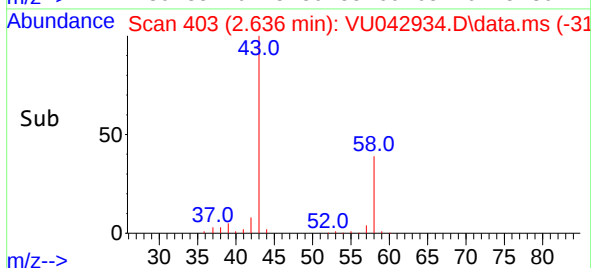
Tgt Ion: 56 Resp: 15147
Ion Ratio Lower Upper
56 100
55 69.8 55.8 83.8



#16
Acetone
Concen: 440.54 ug/l
RT: 2.636 min Scan# 403
Delta R.T. -0.003 min
Lab File: VU042934.D
Acq: 05 Apr 2021 16:34



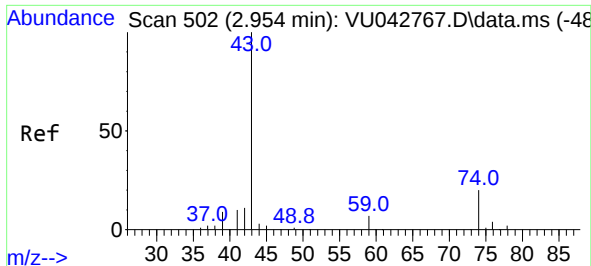
Tgt Ion: 43 Resp: 493489
Ion Ratio Lower Upper
43 100
58 37.0 21.6 32.4#



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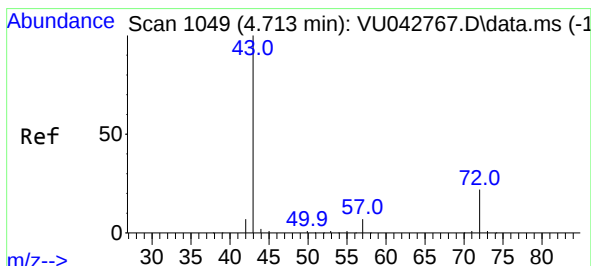
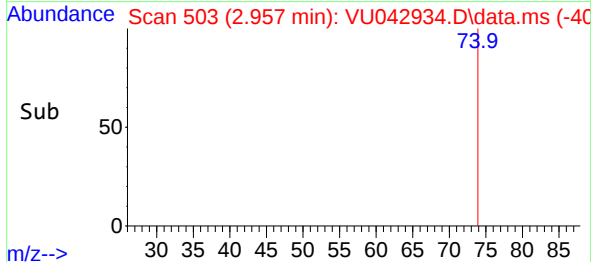
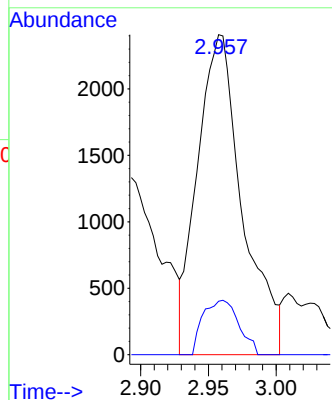
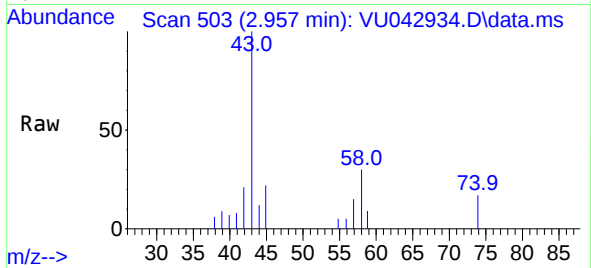
#18
Methyl Acetate
Concen: 2.16 ug/l m
RT: 2.957 min Scan# 503
Delta R.T. 0.003 min
Lab File: VU042934.D
Acq: 05 Apr 2021 16:34

Tgt Ion: 43 Resp: 5555
Ion Ratio Lower Upper
43 100
74 0.0 16.2 24.4#

Instrument :
MSVOA_U
ClientSampleId :
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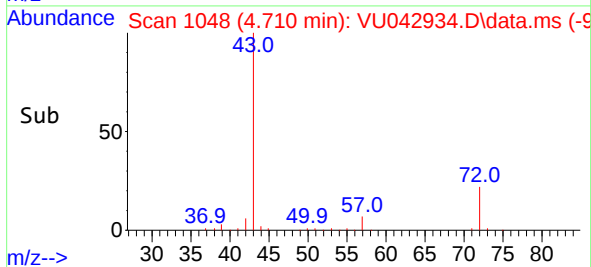
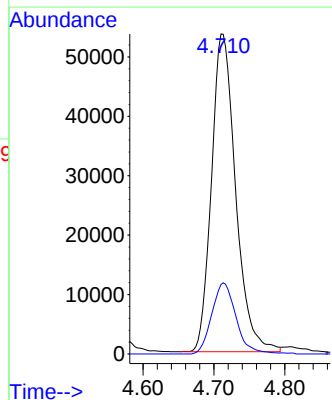
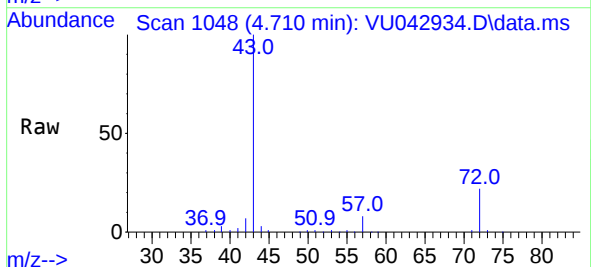
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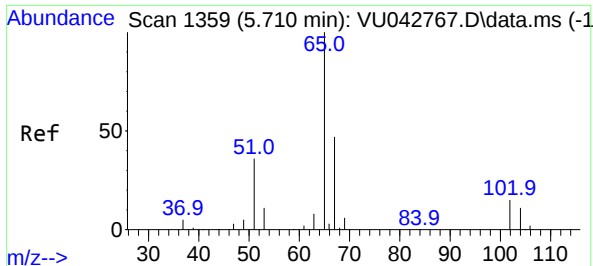
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#25
2-Butanone
Concen: 69.54 ug/l
RT: 4.710 min Scan# 1048
Delta R.T. -0.003 min
Lab File: VU042934.D
Acq: 05 Apr 2021 16:34

Tgt Ion: 43 Resp: 126871
Ion Ratio Lower Upper
43 100
72 21.8 17.7 26.5





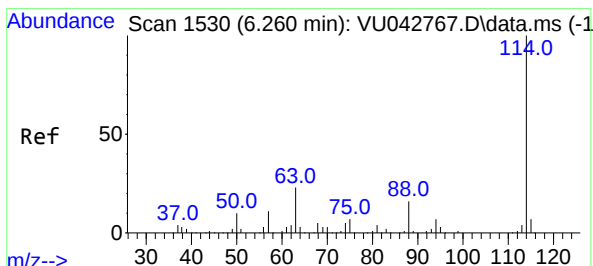
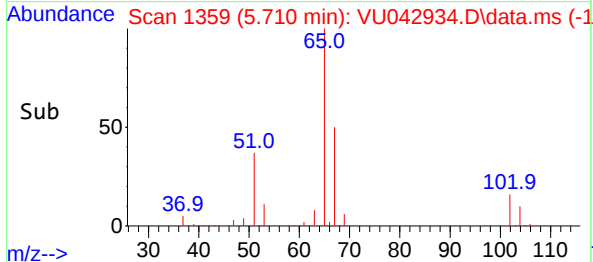
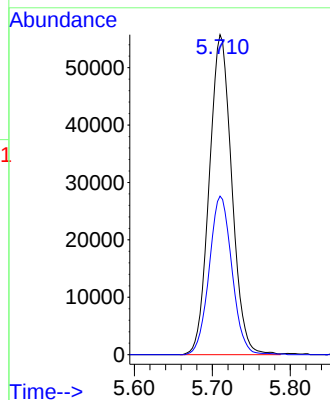
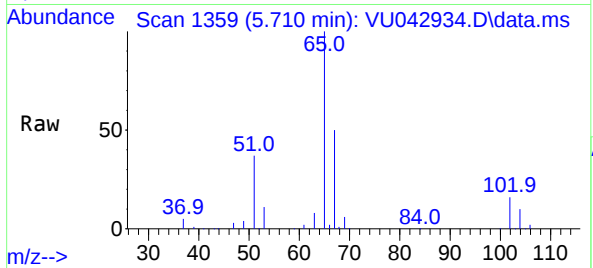
#33
1,2-Dichloroethane-d4
Concen: 49.87 ug/l
RT: 5.710 min Scan# 1359
Delta R.T. -0.000 min
Lab File: VU042934.D
Acq: 05 Apr 2021 16:34

Tgt Ion: 65 Resp: 111780
Ion Ratio Lower Upper
65 100
67 50.2 0.0 98.8

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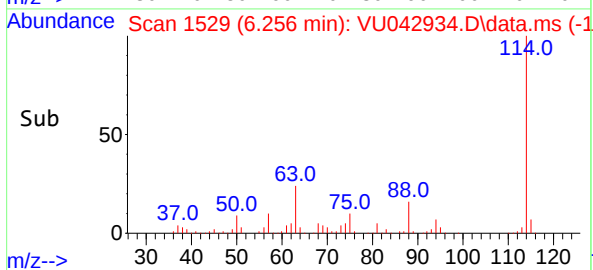
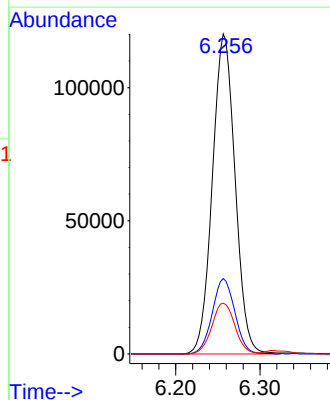
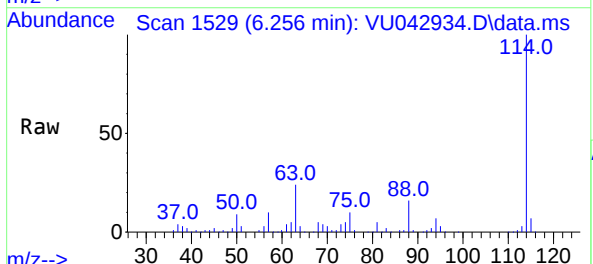
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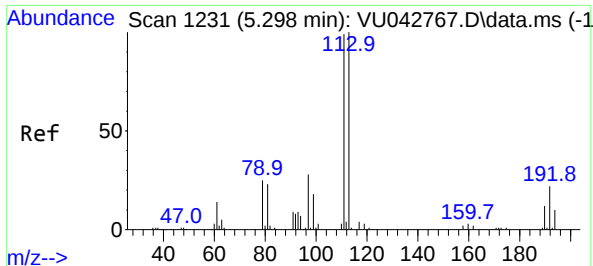
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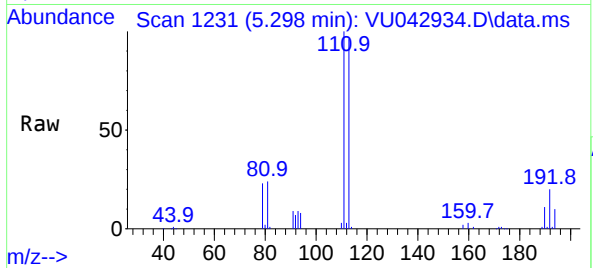
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.256 min Scan# 1529
Delta R.T. -0.004 min
Lab File: VU042934.D
Acq: 05 Apr 2021 16:34

Tgt Ion: 114 Resp: 224525
Ion Ratio Lower Upper
114 100
63 23.6 0.0 46.8
88 15.8 0.0 32.2

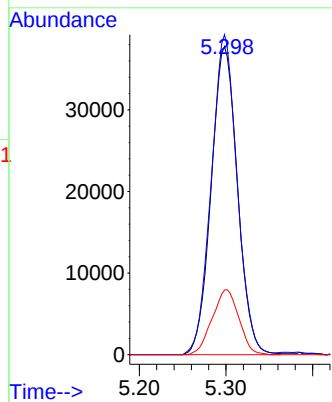
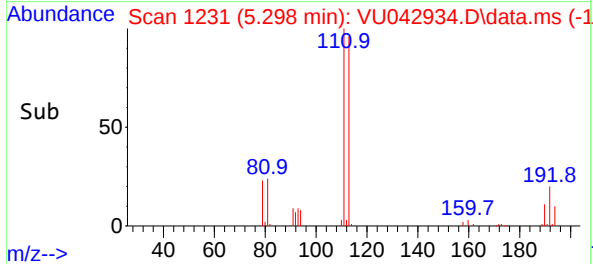




#35
Dibromofluoromethane
Concen: 47.49 ug/l
RT: 5.298 min Scan# 1231
Delta R.T. -0.000 min
Lab File: VU042934.D
Acq: 05 Apr 2021 16:34



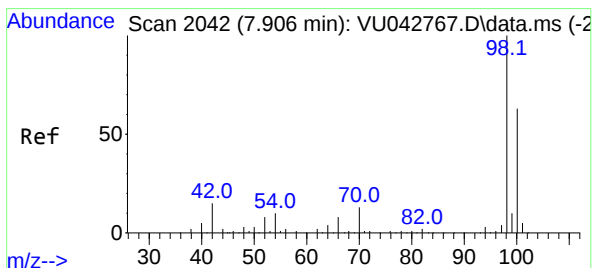
Tgt Ion: 113 Resp: 79581
Ion Ratio Lower Upper
113 100
111 102.4 82.1 123.1
192 21.4 17.6 26.4



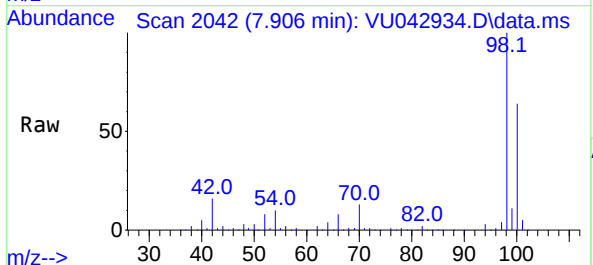
Instrument :
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ClientSampleId :
30809

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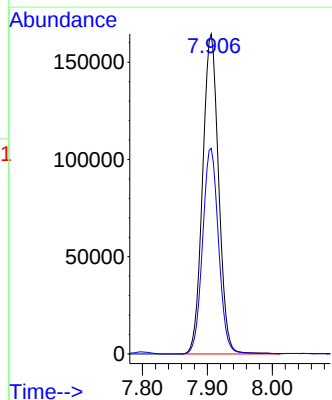
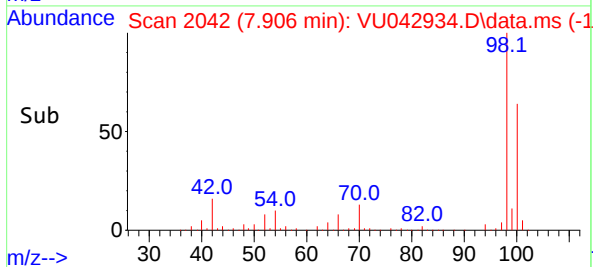
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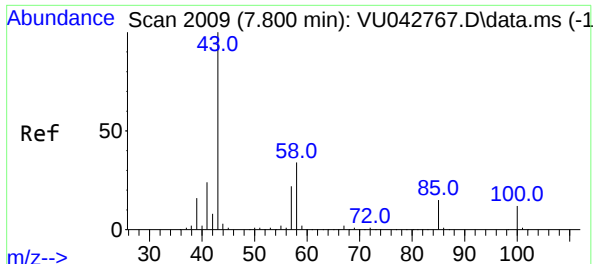


#50
Toluene-d8
Concen: 47.99 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. -0.000 min
Lab File: VU042934.D
Acq: 05 Apr 2021 16:34



Tgt Ion: 98 Resp: 282892
Ion Ratio Lower Upper
98 100
100 64.1 50.4 75.6





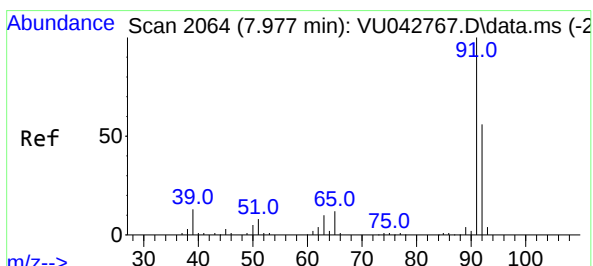
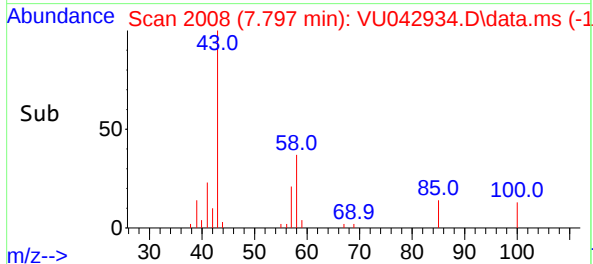
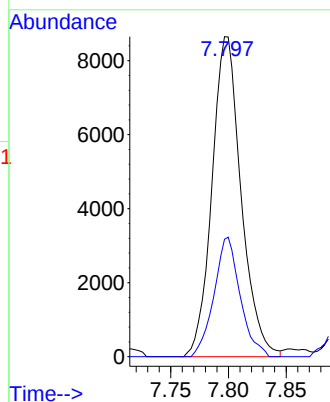
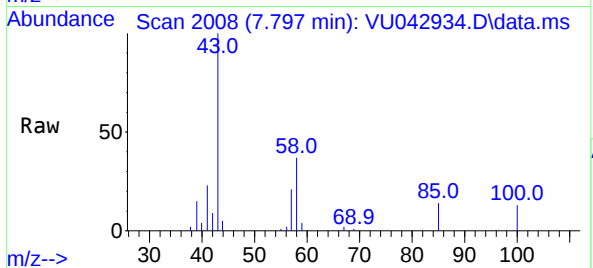
#51
4-Methyl-2-Pentanone
Concen: 4.18 ug/l
RT: 7.797 min Scan# 2008
Delta R.T. -0.003 min
Lab File: VU042934.D
Acq: 05 Apr 2021 16:34

Tgt Ion: 43 Resp: 15175
Ion Ratio Lower Upper
43 100
58 33.5 27.4 41.2

Instrument :
MSVOA_U
ClientSampled :
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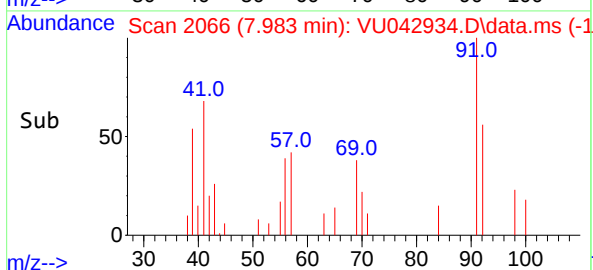
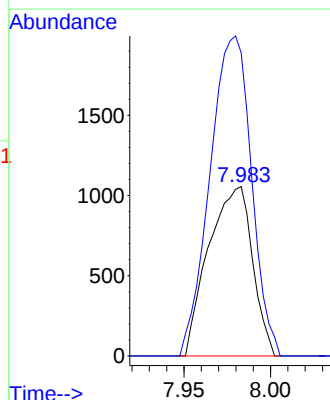
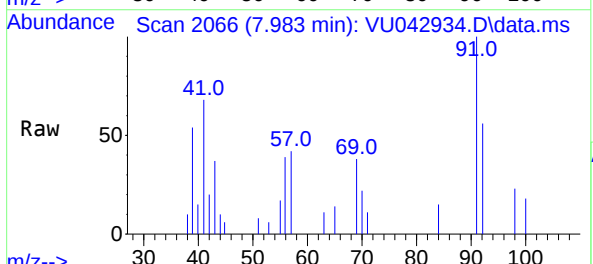
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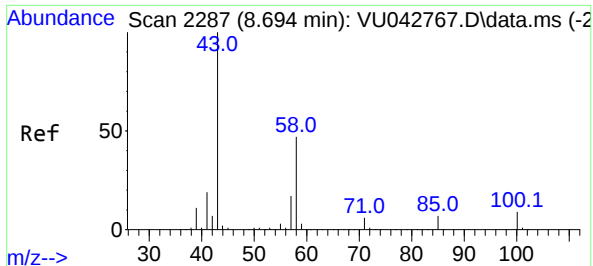
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#52
Toluene
Concen: 0.46 ug/l
RT: 7.983 min Scan# 2066
Delta R.T. 0.006 min
Lab File: VU042934.D
Acq: 05 Apr 2021 16:34

Tgt Ion: 92 Resp: 1856
Ion Ratio Lower Upper
92 100
91 179.0 140.6 210.8





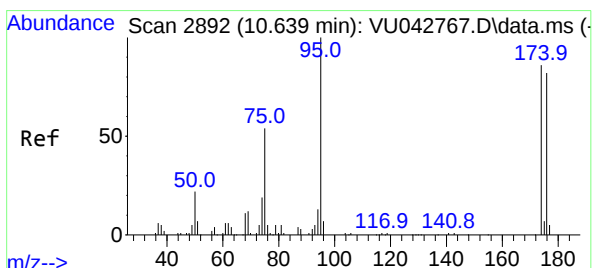
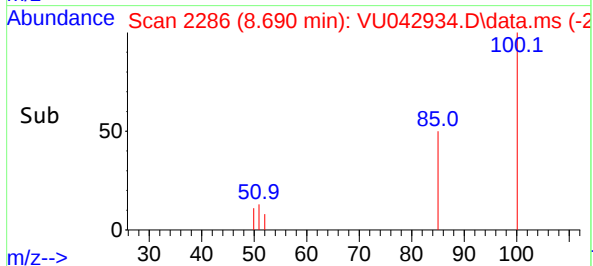
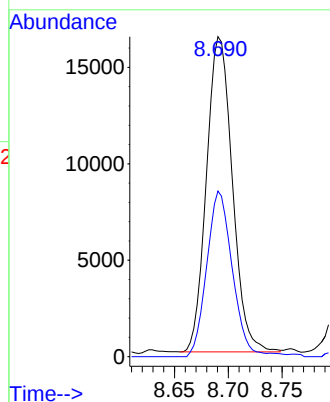
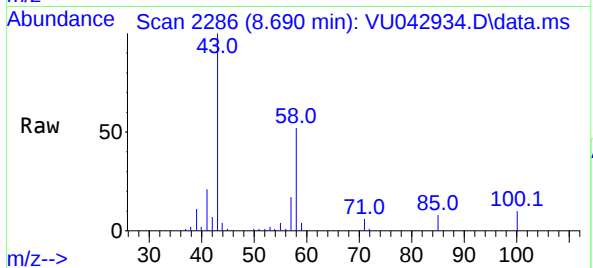
#59
2-Hexanone
Concen: 9.48 ug/l
RT: 8.690 min Scan# 2286
Delta R.T. -0.003 min
Lab File: VU042934.D
Acq: 05 Apr 2021 16:34

Tgt Ion: 43 Resp: 27387
Ion Ratio Lower Upper
43 100
58 52.0 23.8 71.2

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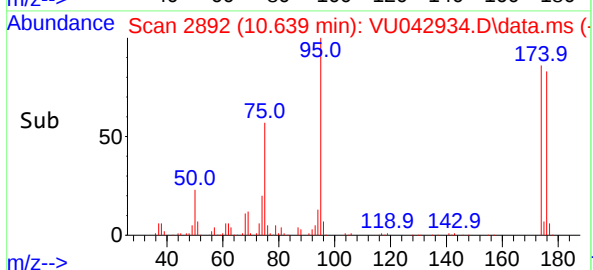
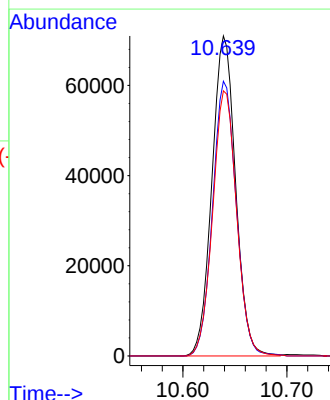
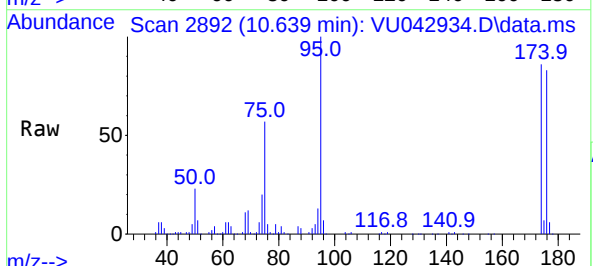
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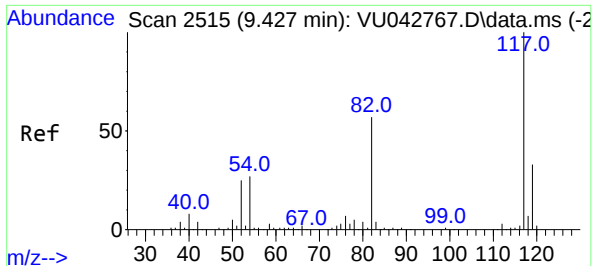
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#62
4-Bromofluorobenzene
Concen: 48.99 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU042934.D
Acq: 05 Apr 2021 16:34

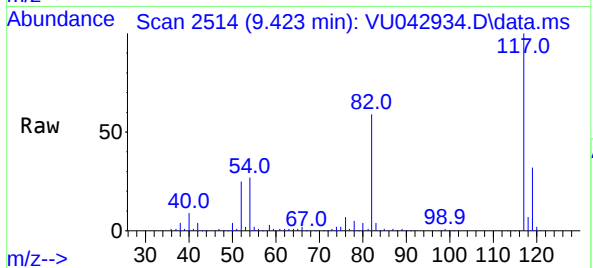
Tgt Ion: 95 Resp: 112229
Ion Ratio Lower Upper
95 100
174 85.8 0.0 175.2
176 83.9 0.0 167.4





#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. -0.003 min
Lab File: VU042934.D
Acq: 05 Apr 2021 16:34

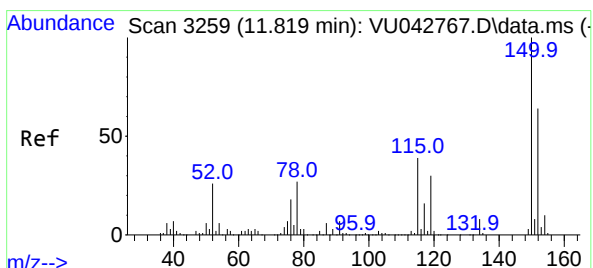
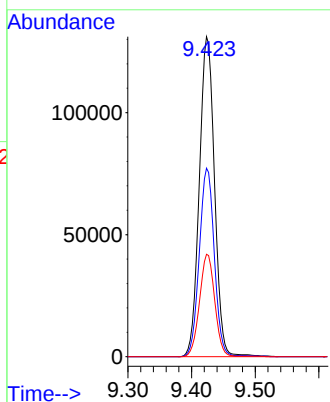
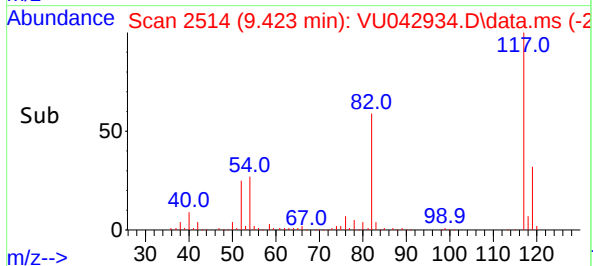
Instrument :
MSVOA_U
ClientSampleId :
30809



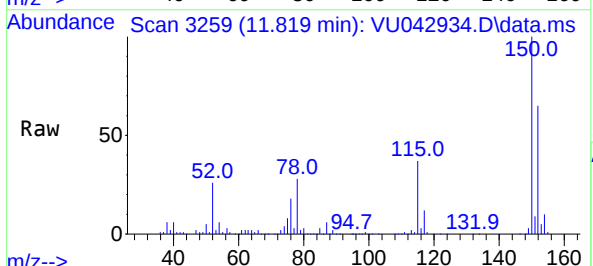
Tgt Ion:117 Resp: 218086
Ion Ratio Lower Upper
117 100
82 58.9 45.5 68.3
119 32.0 26.2 39.4

Manual Integrations
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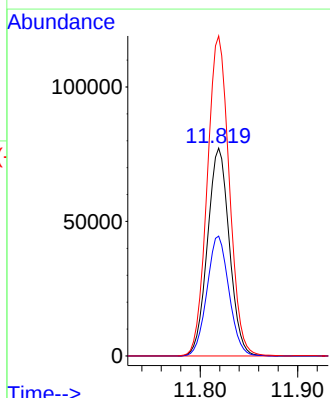
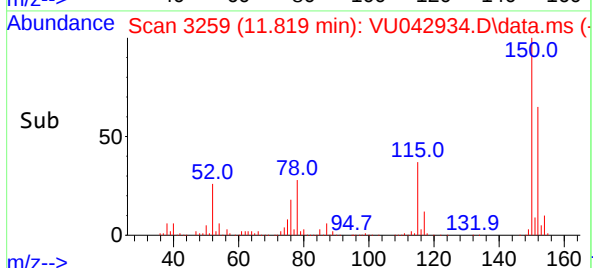
MMDadoda
4/6/2021 12:54:42 PM

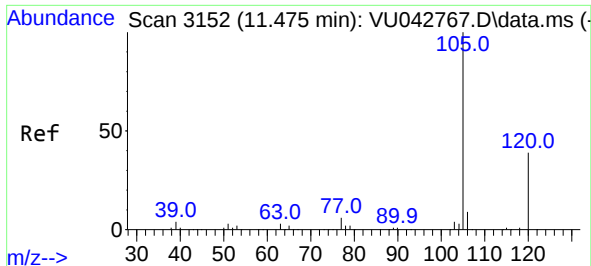


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.819 min Scan# 3259
Delta R.T. -0.000 min
Lab File: VU042934.D
Acq: 05 Apr 2021 16:34



Tgt Ion:152 Resp: 120358
Ion Ratio Lower Upper
152 100
115 58.2 41.0 123.0
150 155.1 0.0 341.0





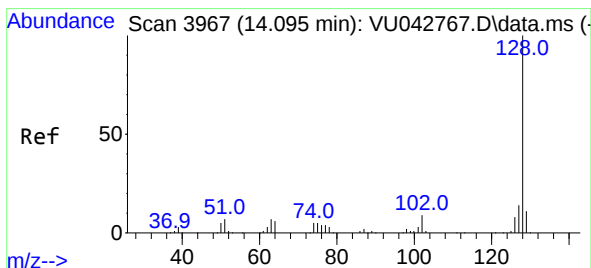
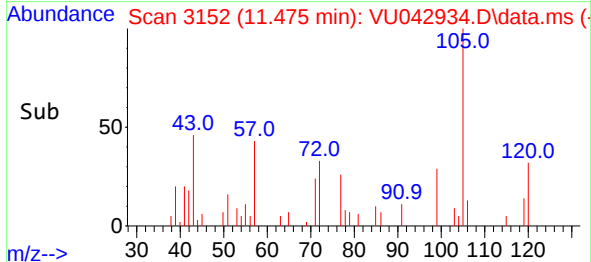
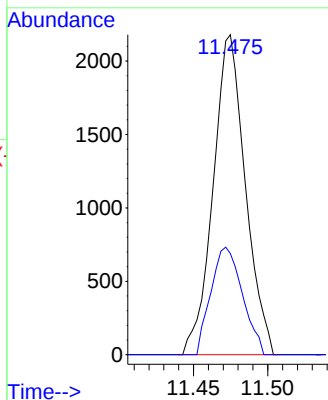
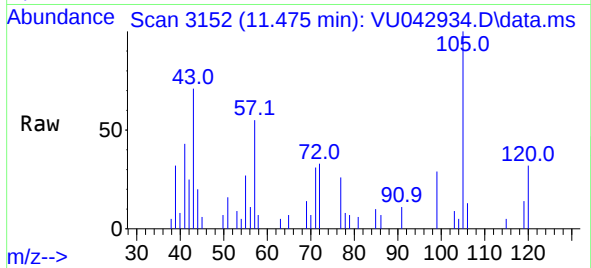
#84
1,2,4-Trimethylbenzene
Concen: 0.49 ug/l
RT: 11.475 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VU042934.D
Acq: 05 Apr 2021 16:34

Tgt Ion:105 Resp: 3289
Ion Ratio Lower Upper
105 100
120 32.9 22.3 66.8

Instrument :
MSVOA_U
ClientSampled :
30809

Manual Integrations
APPROVED

MMDadoda
4/6/2021 12:54:42 PM



#95
Naphthalene
Concen: 5.19 ug/l
RT: 14.095 min Scan# 3967
Delta R.T. 0.000 min
Lab File: VU042934.D
Acq: 05 Apr 2021 16:34

Tgt Ion:128 Resp: 22484
Ion Ratio Lower Upper
128 100
127 13.7 10.9 16.3
129 10.5 8.7 13.1

