

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102021\
 Data File : VW022934.D
 Acq On : 20 Oct 2021 16:06
 Operator : SY/MD
 Sample : M4200-07
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFGF2

Manual Integrations
 APPROVED

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 10/22/2021 11:29:11 AM

Quant Time: Oct 21 02:46:36 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 21 02:43:59 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	125846	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	128849	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	61298	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	33488	3.87	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.40%
7) Chloroethane-d5	1.568	69	30314	3.90	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.00%
11) 1,1-Dichloroethene-d2	2.108	63	50329	2.96	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.20%#
20) 2-Butanone-d5	3.886	46	100984	44.48	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.96%
24) Chloroform-d	4.352	84	88722	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.40%
26) 1,2-Dichloroethane-d4	5.034	65	42871	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.00%
32) Benzene-d6	5.053	84	177288	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.40%
36) 1,2-Dichloropropane-d6	6.072	67	58071	5.11	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.20%
41) Toluene-d8	7.317	98	146952	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.60%
43) trans-1,3-Dichloroprop...	7.625	79	17417	4.62	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.40%
46) 2-Hexanone-d5	8.088	63	77787	51.22	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.44%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	38802	5.04	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.80%
66) 1,2-Dichlorobenzene-d4	11.625	152	62353	5.49	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.80%
Target Compounds					Qvalue	
13) Acetone	2.182	43	14465m	11.43	ug/L	
25) Chloroform	4.381	83	6500	0.38	ug/L	86
33) Benzene	5.105	78	18020	0.52	ug/L	100
42) Toluene	7.391	91	190938	5.42	ug/L	98
52) Ethylbenzene	9.018	91	18731	0.52	ug/L	100
53) m,p-xylene	9.140	106	25320	1.80	ug/L	97
54) o-xylene	9.548	106	6935	0.53	ug/L	91
62) 1,3,5-Trimethylbenzene	10.542	105	1556	0.06	ug/L	93
63) 1,2,4-Trimethylbenzene	10.918	105	7208	0.29	ug/L	97

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

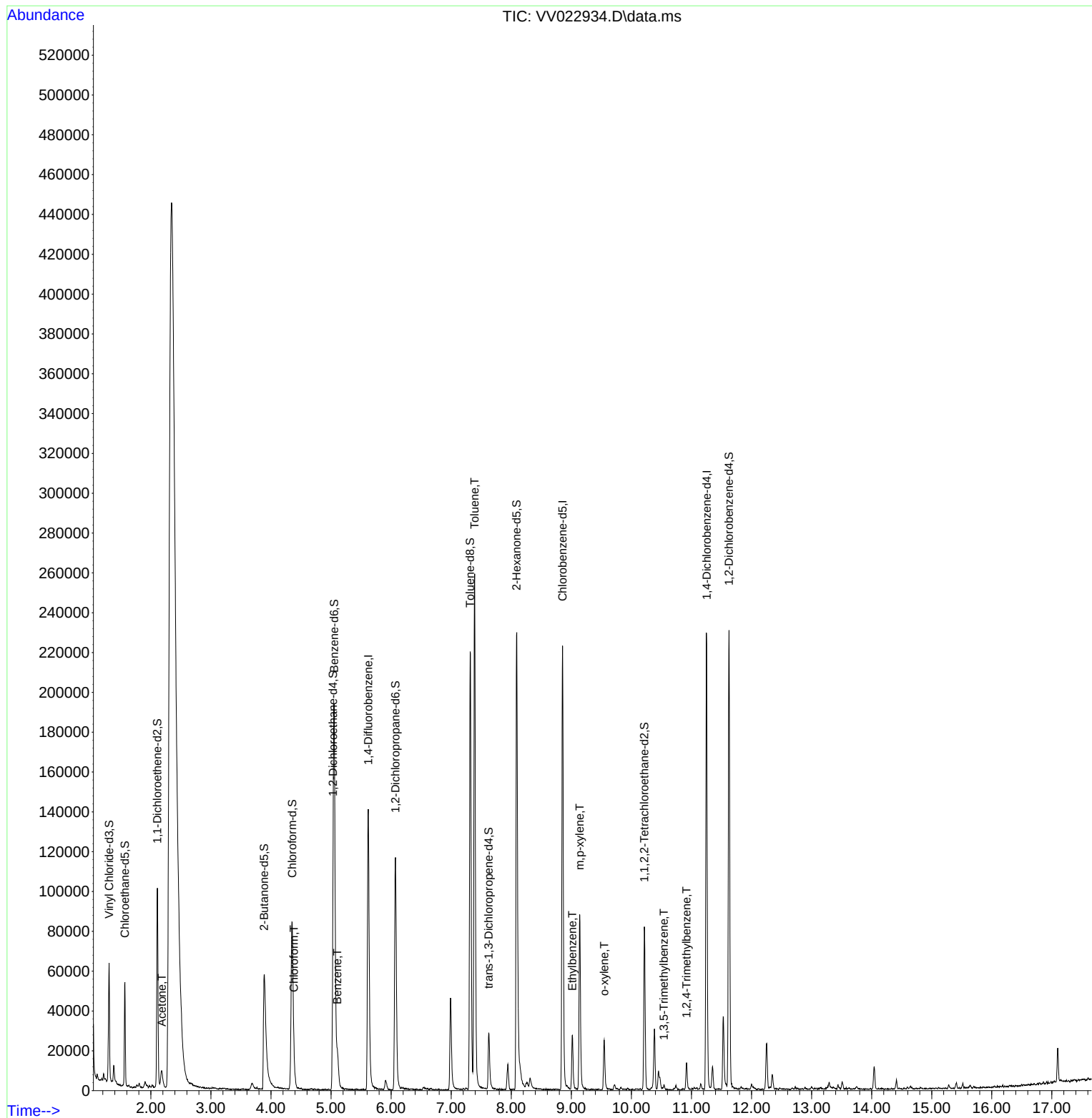
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Data File : VV022934.D
Acq On : 20 Oct 2021 16:06
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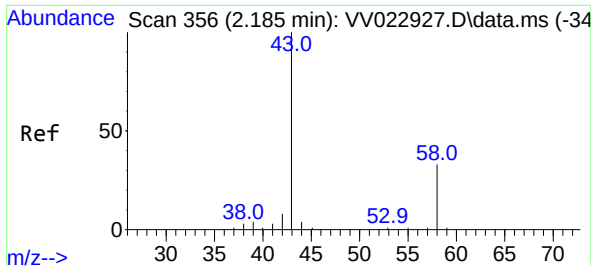
Instrument :
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ClientSampleId :
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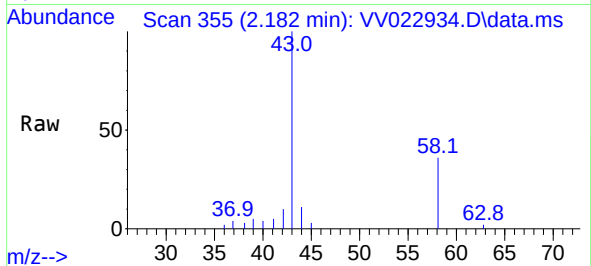
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Quant Time: Oct 21 02:46:36 2021
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Quant Title : TRACE VOA SFAM1.0
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Response via : Initial Calibration

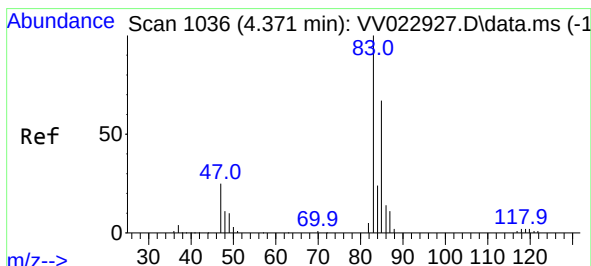
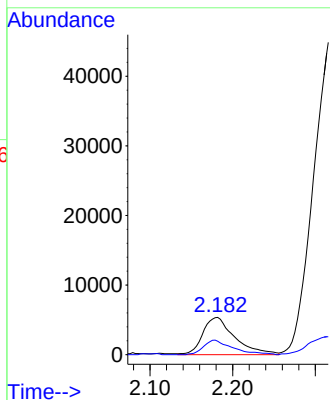
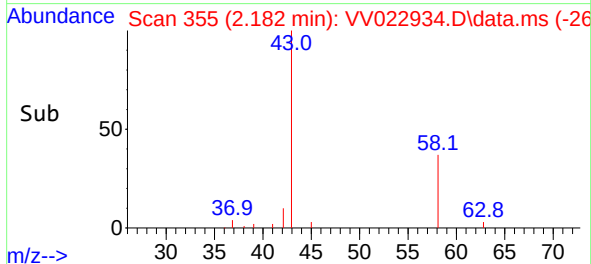




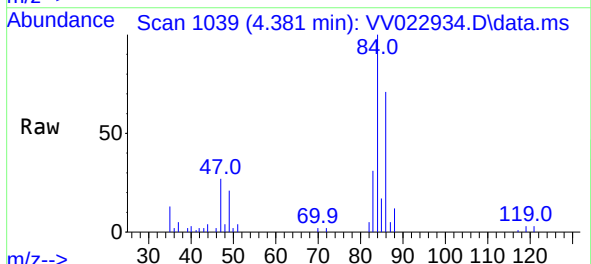
#13
Acetone
Concen: 11.43 ug/L m
RT: 2.182 min Scan# 355
Delta R.T. -0.003 min
Lab File: VV022934.D
Acq: 20 Oct 2021 16:06



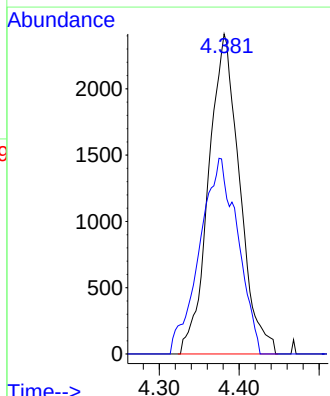
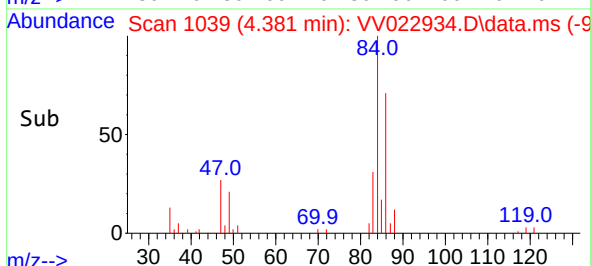
Tgt Ion: 43 Resp: 14465
Ion Ratio Lower Upper
43 100
58 64.4 0.0 24.2#



#25
Chloroform
Concen: 0.38 ug/L
RT: 4.381 min Scan# 1039
Delta R.T. 0.010 min
Lab File: VV022934.D
Acq: 20 Oct 2021 16:06



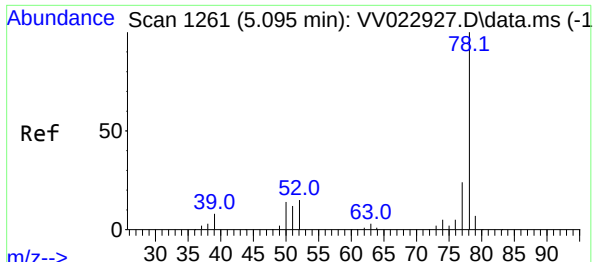
Tgt Ion: 83 Resp: 6500
Ion Ratio Lower Upper
83 100
85 54.3 45.7 84.9



Instrument :
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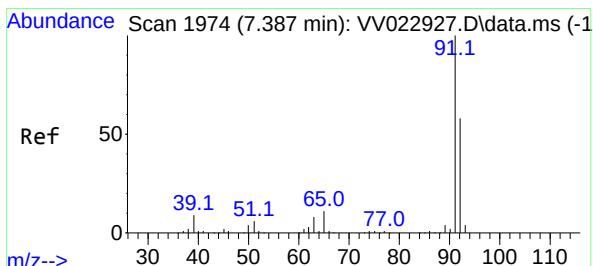
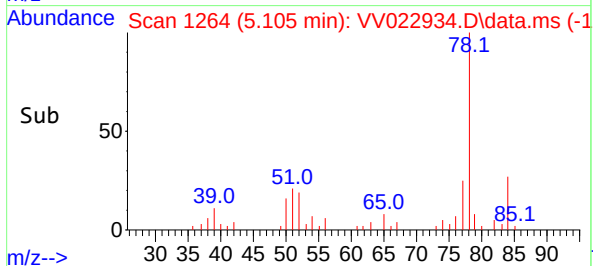
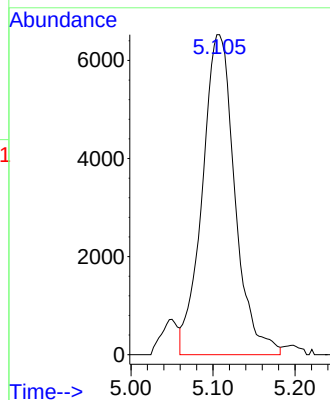
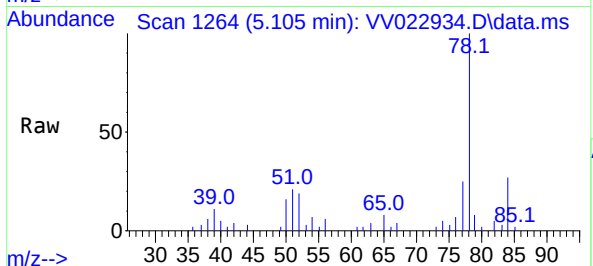
#33
Benzene
Concen: 0.52 ug/L
RT: 5.105 min Scan# 1264
Delta R.T. 0.010 min
Lab File: VV022934.D
Acq: 20 Oct 2021 16:06

Tgt Ion: 78 Resp: 18020

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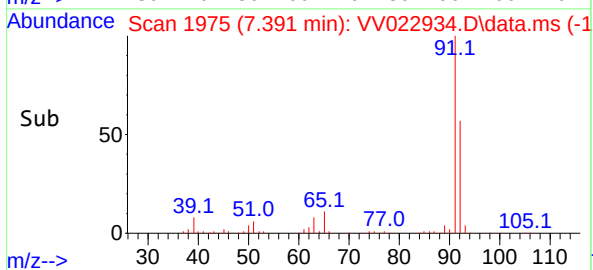
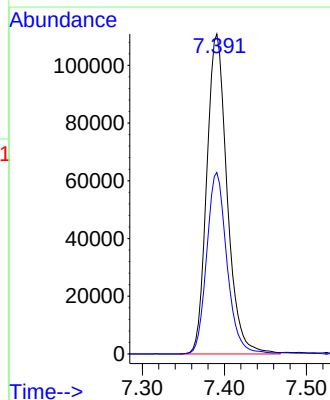
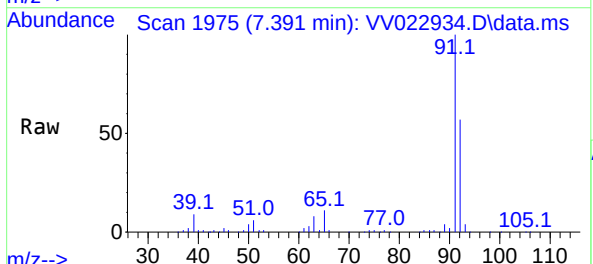
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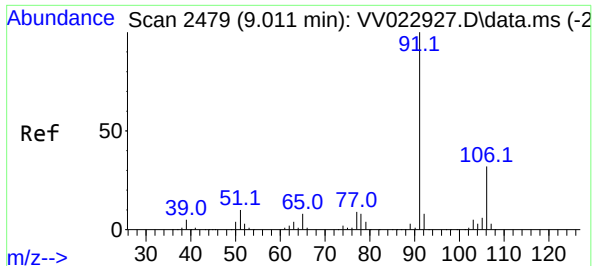
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#42
Toluene
Concen: 5.42 ug/L
RT: 7.391 min Scan# 1975
Delta R.T. 0.003 min
Lab File: VV022934.D
Acq: 20 Oct 2021 16:06

Tgt Ion: 91 Resp: 190938
Ion Ratio Lower Upper
91 100
92 56.7 40.7 75.7





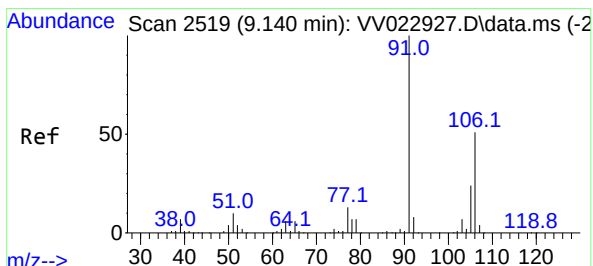
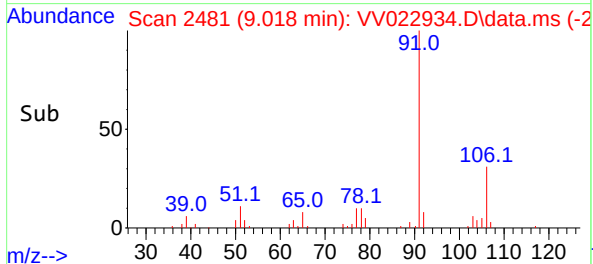
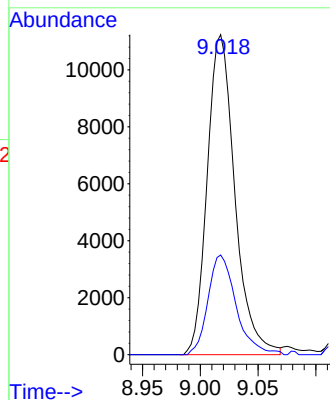
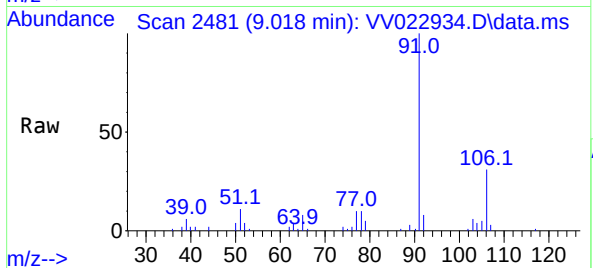
#52
Ethylbenzene
Concen: 0.52 ug/L
RT: 9.018 min Scan# 2481
Delta R.T. 0.007 min
Lab File: VV022934.D
Acq: 20 Oct 2021 16:06

Tgt Ion: 91 Resp: 18731
Ion Ratio Lower Upper
91 100
106 31.1 21.6 40.2

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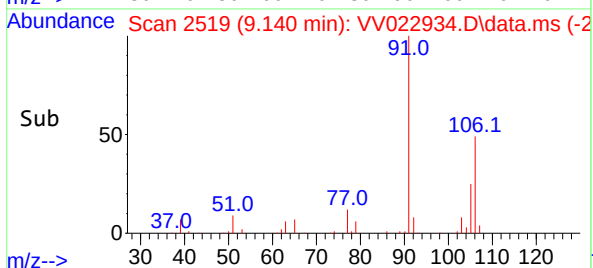
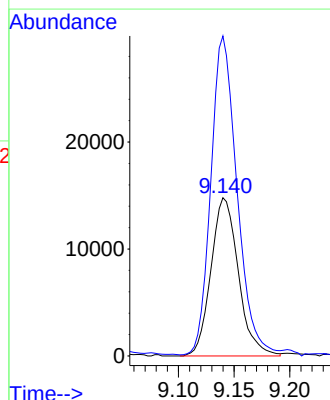
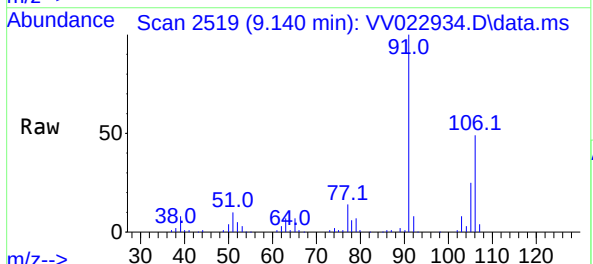
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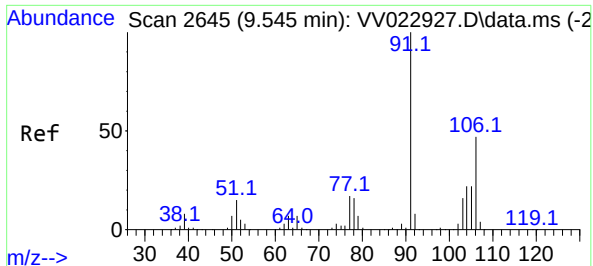
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#53
m,p-xylene
Concen: 1.80 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.000 min
Lab File: VV022934.D
Acq: 20 Oct 2021 16:06

Tgt Ion: 106 Resp: 25320
Ion Ratio Lower Upper
106 100
91 202.3 138.7 257.5





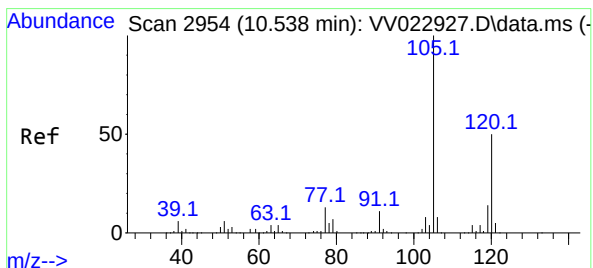
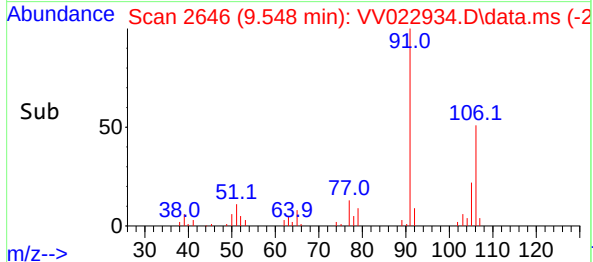
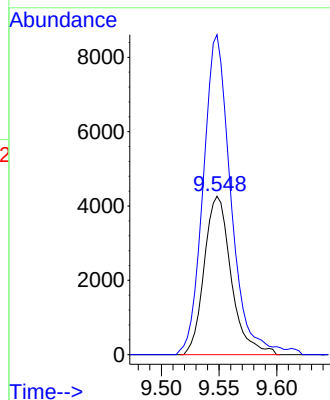
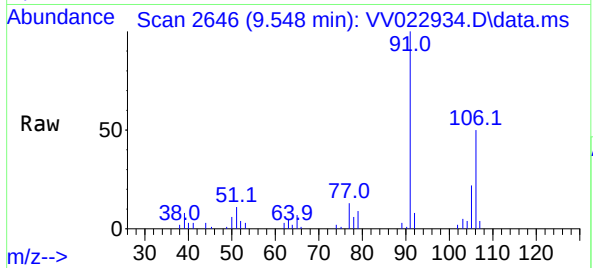
#54
o-xylene
Concen: 0.53 ug/L
RT: 9.548 min Scan# 2646
Delta R.T. 0.003 min
Lab File: VV022934.D
Acq: 20 Oct 2021 16:06

Tgt Ion:106 Resp: 6935
Ion Ratio Lower Upper
106 100
91 201.9 151.1 280.7

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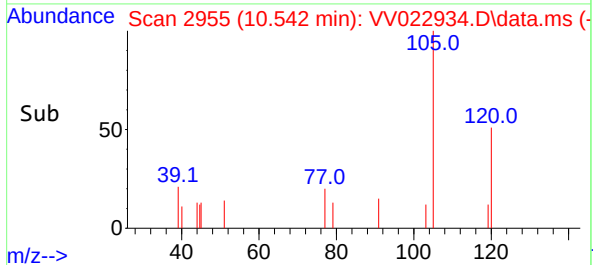
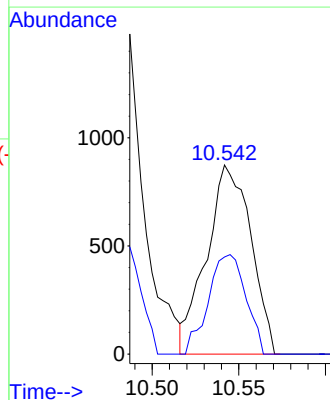
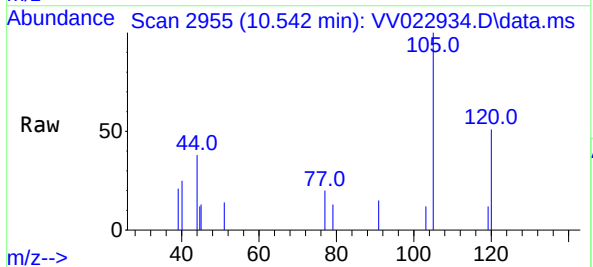
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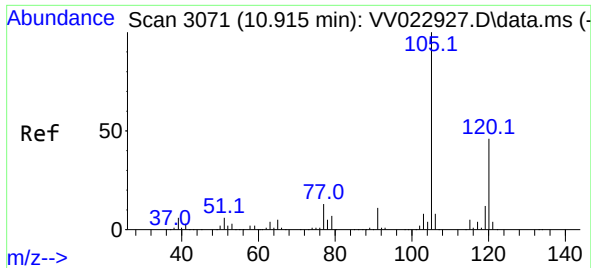
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#62
1,3,5-Trimethylbenzene
Concen: 0.06 ug/L
RT: 10.542 min Scan# 2955
Delta R.T. 0.003 min
Lab File: VV022934.D
Acq: 20 Oct 2021 16:06

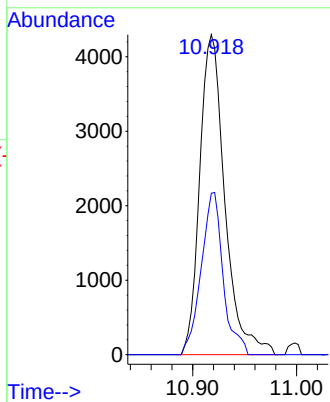
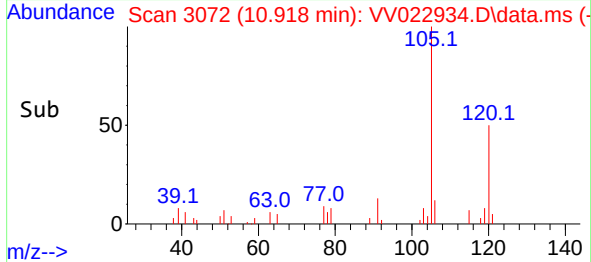
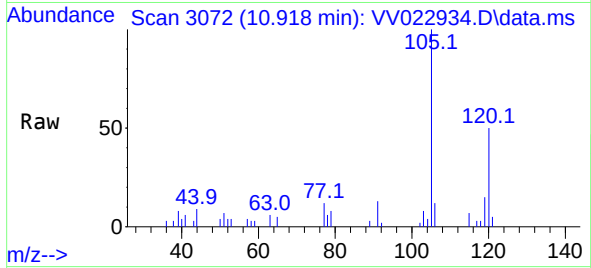
Tgt Ion:105 Resp: 1556
Ion Ratio Lower Upper
105 100
120 44.5 39.4 59.2





#63
1,2,4-Trimethylbenzene
Concen: 0.29 ug/L
RT: 10.918 min Scan# 3072
Delta R.T. 0.003 min
Lab File: VV022934.D
Acq: 20 Oct 2021 16:06

Tgt Ion:105 Resp: 7208
Ion Ratio Lower Upper
105 100
120 44.3 37.3 55.9



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