

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100521\
 Data File : VU045167.D
 Acq On : 06 Oct 2021 00:20
 Operator : SY/MD
 Sample : M3996-14
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F4A29

Manual Integrations
 APPROVED

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 10/7/2021 2:23:24 PM

Quant Time: Oct 06 04:39:49 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 06 01:40:56 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	297230	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	279733	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	128977	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	105825	32.52	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	65.04%		
7) Chloroethane-d5	1.913	69	103279	40.06	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	80.12%		
11) 1,1-Dichloroethene-d2	2.572	63	156474	28.64	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	57.28%#		
21) 2-Butanone-d5	4.636	46	274427	106.68	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	106.68%		
24) Chloroform-d	5.070	84	207276	40.33	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	80.66%		
26) 1,2-Dichloroethane-d4	5.707	65	149213	42.87	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	85.74%		
32) Benzene-d6	5.732	84	427426	44.03	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.06%		
36) 1,2-Dichloropropane-d6	6.697	67	137559	43.46	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	86.92%		
41) Toluene-d8	7.903	98	378861	45.23	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	90.46%		
43) trans-1,3-Dichloroprop...	8.182	79	61808	43.90	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	87.80%		
47) 2-Hexanone-d5	8.639	63	188238	107.32	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	107.32%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	220946	44.83	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	89.66%		
66) 1,2-Dichlorobenzene-d4	12.195	152	138518	49.35	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	98.70%		
Target Compounds					Qvalue	
13) Acetone	2.642	43	14897m	5.01	ug/L	
18) Methyl tert-butyl Ether	3.372	73	167847	20.99	ug/L #	73
29) Cyclohexane	5.395	56	34446	8.19	ug/L	98
33) Benzene	5.781	78	116243	11.20	ug/L	100
35) Methylcyclohexane	6.768	83	18785	4.50	ug/L #	78
42) Toluene	7.973	91	7034	0.67	ug/L	96
53) m,p-Xylene	9.697	106	1984	0.47	ug/L	99
61) Isopropylbenzene	10.485	105	6889	0.73	ug/L	97
63) 1,2,4-Trimethylbenzene	11.468	105	2609	0.32	ug/L	98

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

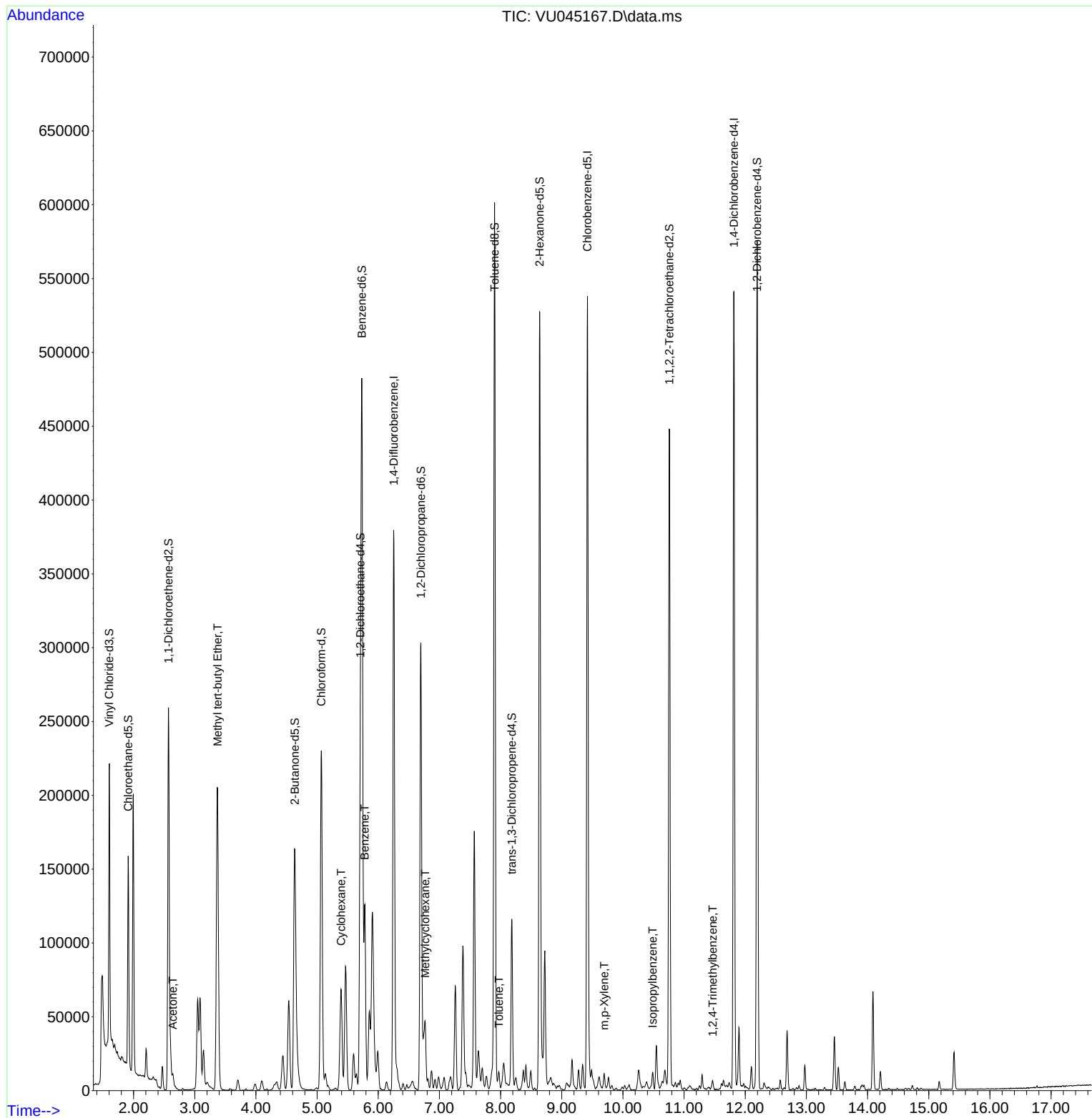
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100521\
Data File : VU045167.D
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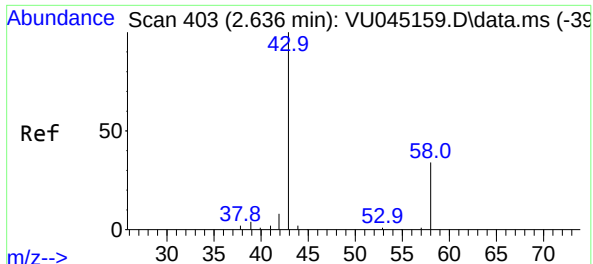
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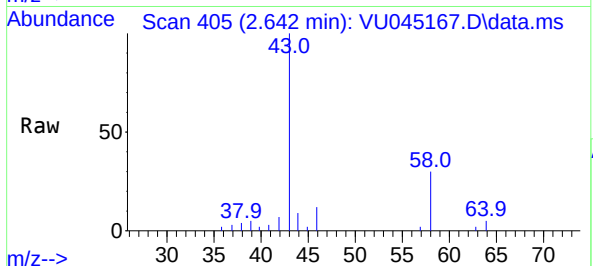
Quant Time: Oct 06 04:39:49 2021
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Quant Title : VOC Analysis
QLast Update : Wed Oct 06 01:40:56 2021
Response via : Initial Calibration





#13
Acetone
Concen: 5.01 ug/L m
RT: 2.642 min Scan# 405
Delta R.T. 0.007 min
Lab File: VU045167.D
Acq: 06 Oct 2021 00:20

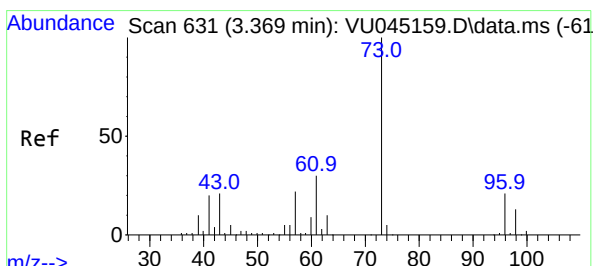
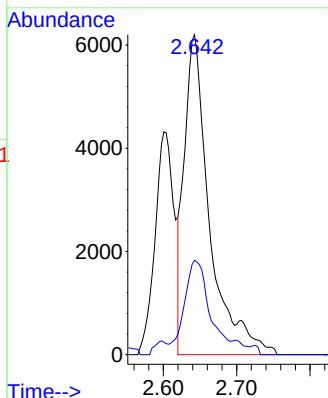
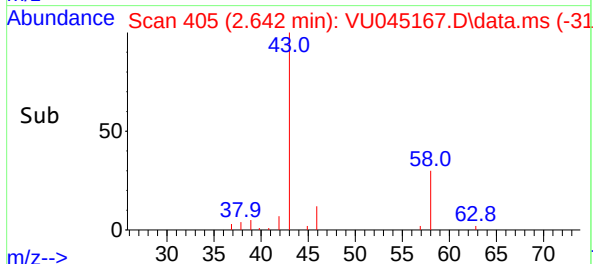
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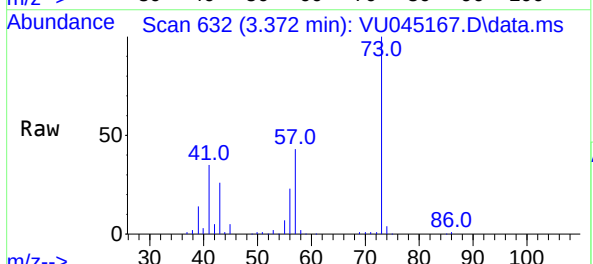
Tgt Ion: 43 Resp: 14897
Ion Ratio Lower Upper
43 100
58 24.9 0.0 62.8

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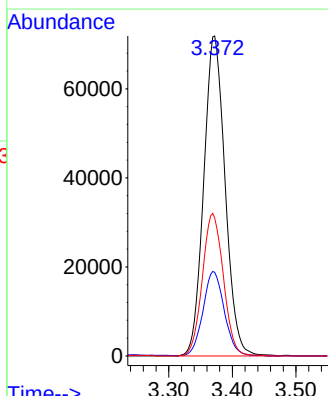
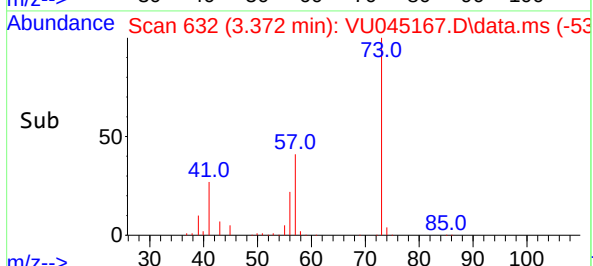
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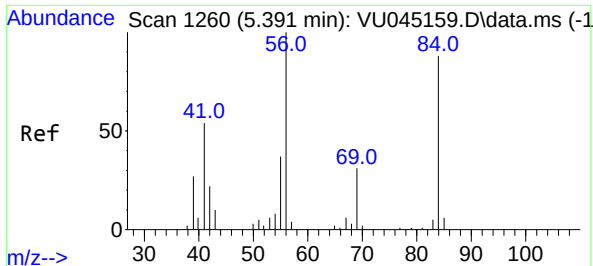


#18
Methyl tert-butyl Ether
Concen: 20.99 ug/L
RT: 3.372 min Scan# 632
Delta R.T. 0.000 min
Lab File: VU045167.D
Acq: 06 Oct 2021 00:20



Tgt Ion: 73 Resp: 167847
Ion Ratio Lower Upper
73 100
43 26.4 17.3 25.9#
57 43.8 18.7 28.1#





#29

Cyclohexane

Concen: 8.19 ug/L

RT: 5.395 min Scan# 1261

Delta R.T. 0.000 min

Lab File: VU045167.D

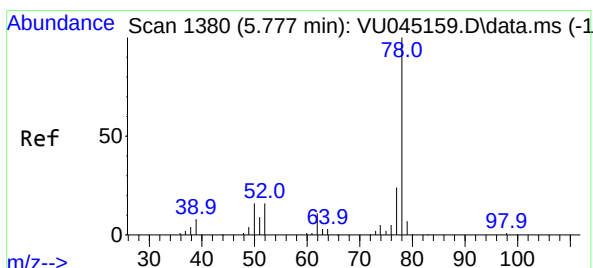
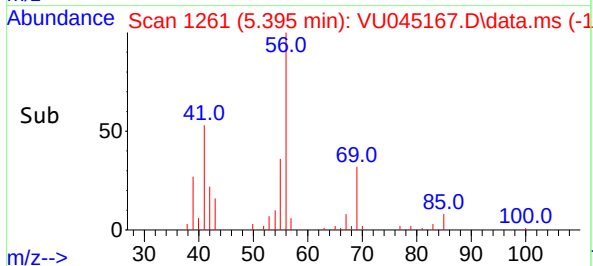
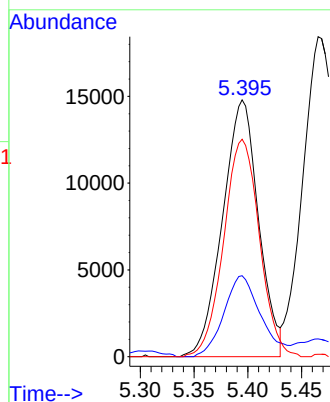
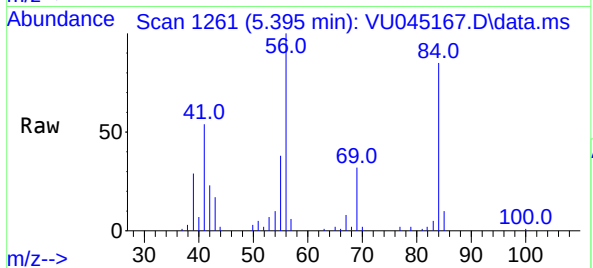
Acq: 06 Oct 2021 00:20

Tgt Ion:	56	Resp:	34446
Ion	Ratio	Lower	Upper
56	100		
69	32.4	23.8	35.8
84	84.2	66.8	100.2

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#33

Benzene

Concen: 11.20 ug/L

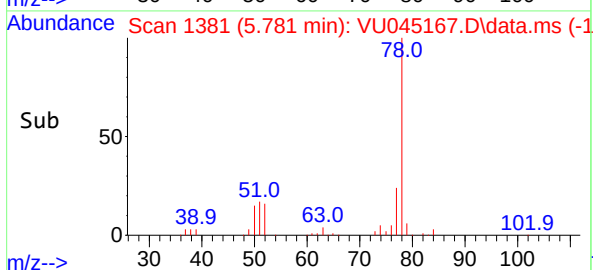
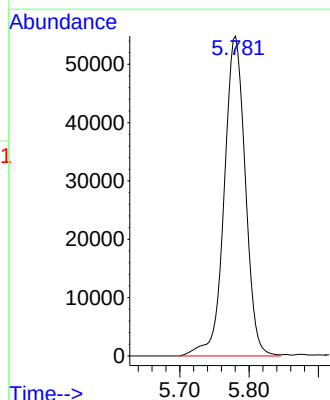
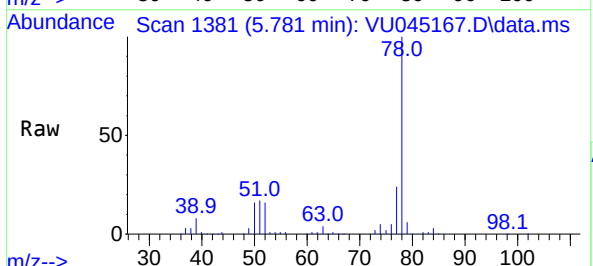
RT: 5.781 min Scan# 1381

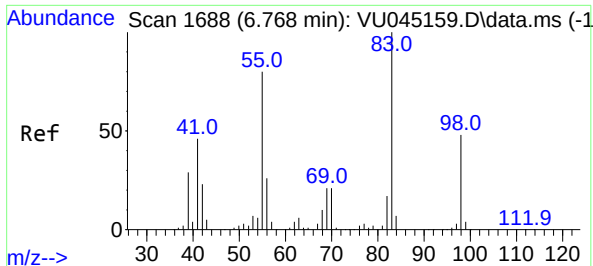
Delta R.T. 0.000 min

Lab File: VU045167.D

Acq: 06 Oct 2021 00:20

Tgt Ion: 78 Resp: 116243





#35

Methylcyclohexane

Concen: 4.50 ug/L

RT: 6.768 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VU045167.D

Acq: 06 Oct 2021 00:20

Tgt Ion: 83 Resp: 18785

Ion Ratio Lower Upper

83 100

55 111.6 65.8 98.6#

98 47.9 37.1 55.7

Instrument :

MSVOA_U

ClientSampled :

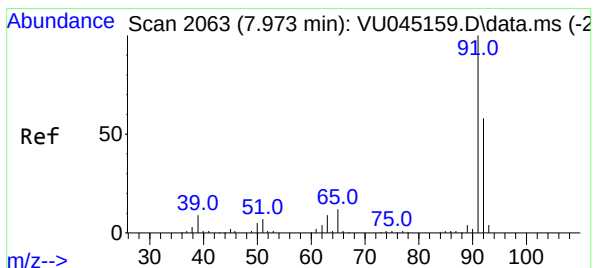
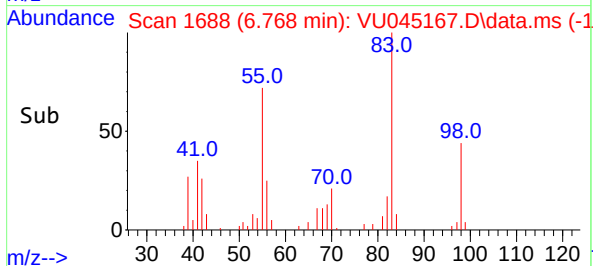
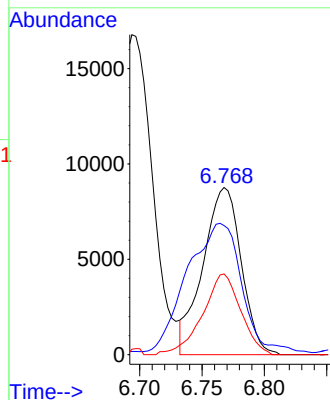
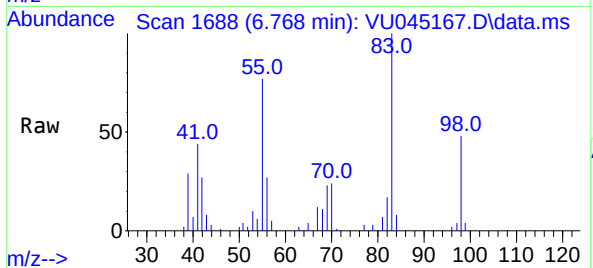
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#42

Toluene

Concen: 0.67 ug/L

RT: 7.973 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VU045167.D

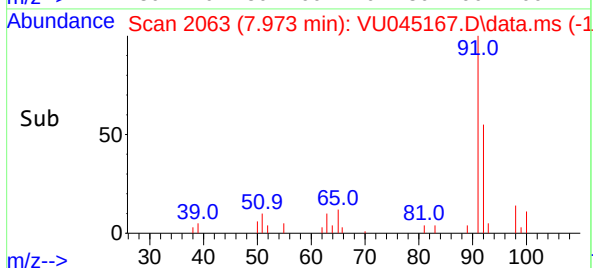
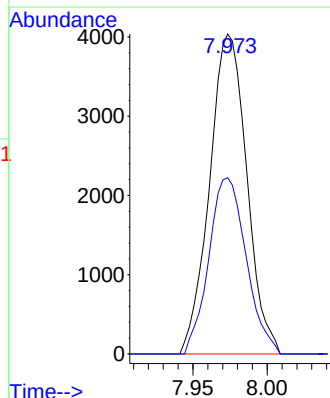
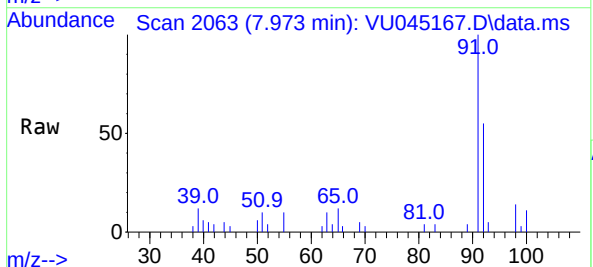
Acq: 06 Oct 2021 00:20

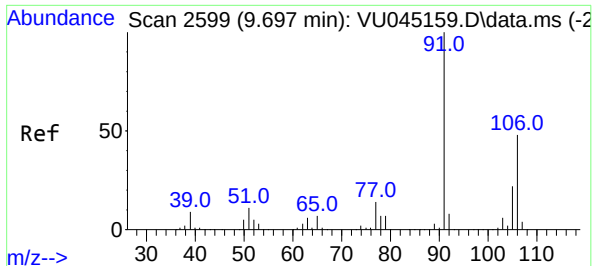
Tgt Ion: 91 Resp: 7034

Ion Ratio Lower Upper

91 100

92 55.1 40.5 75.1





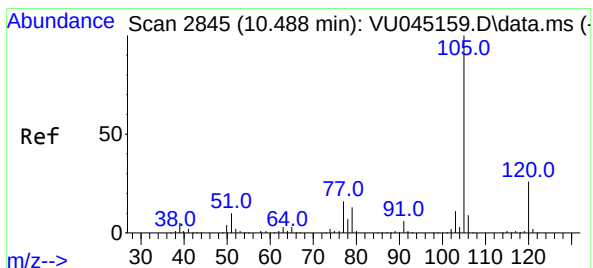
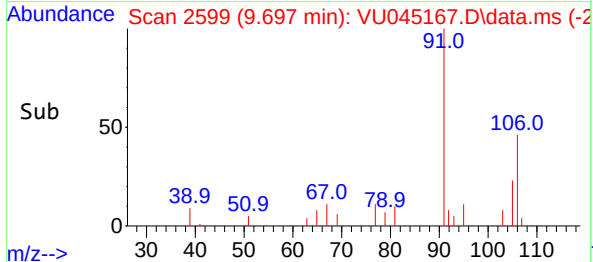
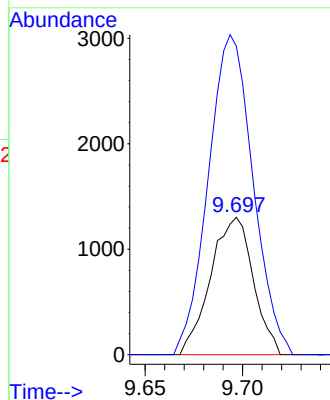
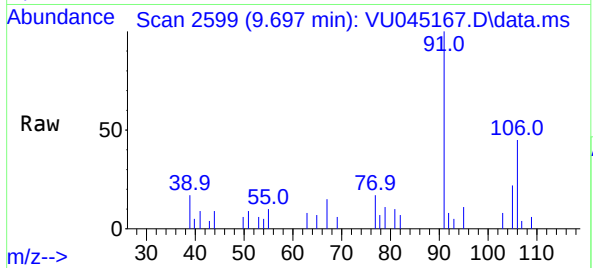
#53
m,p-Xylene
Concen: 0.47 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. 0.000 min
Lab File: VU045167.D
Acq: 06 Oct 2021 00:20

Tgt Ion:106 Resp: 1984
Ion Ratio Lower Upper
106 100
91 208.0 146.7 272.4

Instrument :
MSVOA_U
ClientSampled :
F4A29

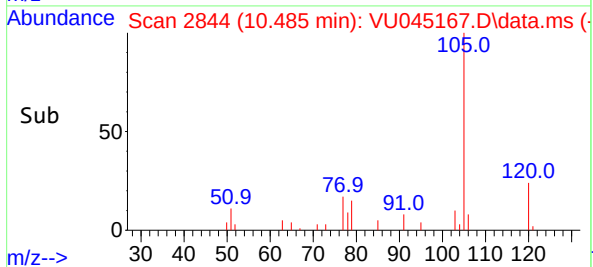
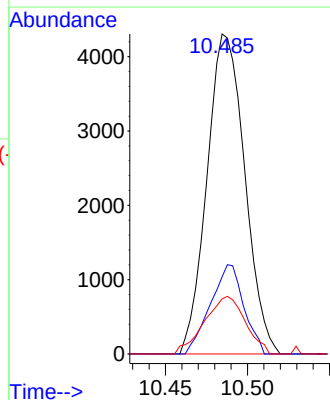
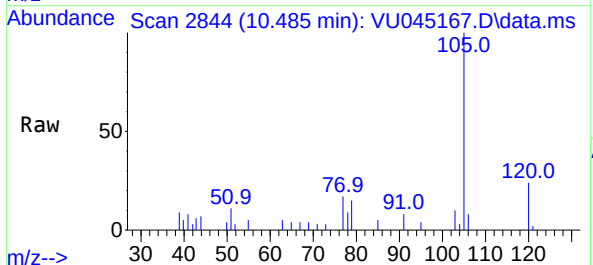
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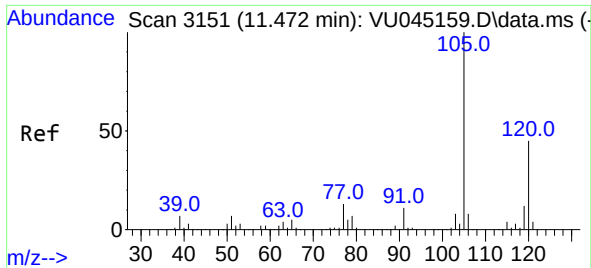
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#61
Isopropylbenzene
Concen: 0.73 ug/L
RT: 10.485 min Scan# 2844
Delta R.T. -0.003 min
Lab File: VU045167.D
Acq: 06 Oct 2021 00:20

Tgt Ion:105 Resp: 6889
Ion Ratio Lower Upper
105 100
120 24.7 20.5 30.7
77 19.4 13.5 20.3





#63
 1,2,4-Trimethylbenzene
 Concen: 0.32 ug/L
 RT: 11.468 min Scan# 3150
 Delta R.T. -0.003 min
 Lab File: VU045167.D
 Acq: 06 Oct 2021 00:20

Tgt Ion:105 Resp: 2609
 Ion Ratio Lower Upper
 105 100
 120 43.2 35.7 53.5

Instrument :
 MSVOA_U
 ClientSampleId :
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