

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112321\
 Data File : VU045982.D
 Acq On : 24 Nov 2021 02:10
 Operator : SY/MD
 Sample : M4722-20
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0G64

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/24/2021
 Supervised By : Mahesh Dadoda 11/28/2021

Quant Time: Nov 24 03:04:04 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 24 01:57:54 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	95653	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	95968	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	52513	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	16853	2.224	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	44.400%
7) Chloroethane-d5	1.919	69	25097	4.549	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.000%
11) 1,1-Dichloroethene-d2	2.572	65	11382	3.581	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.600%
20) 2-Butanone-d5	4.649	46	129328	63.679	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	127.360%
24) Chloroform-d	5.067	84	65167	5.161	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.200%
26) 1,2-Dichloroethane-d4	5.707	65	37466	5.057	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.200%
32) Benzene-d6	5.729	84	132106	4.999	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.000%
36) 1,2-Dichloropropane-d6	6.694	67	43641	5.239	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.800%
41) Toluene-d8	7.899	98	112793	4.718	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.400%
43) trans-1,3-Dichloroprop...	8.179	79	12793	3.783	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.600%
46) 2-Hexanone-d5	8.636	63	103014	67.689	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	135.380%#
56) 1,1,2,2-Tetrachloroeth...	10.758	84	42006	5.970	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	119.400%
66) 1,2-Dichlorobenzene-d4	12.195	152	50028	5.548	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.000%
Target Compounds						
14) Carbon disulfide	2.803	76	63111m	3.370	ug/L	
30) Cyclohexane	5.395	56	4142	0.401	ug/L	97
33) Benzene	5.777	78	2562	0.096	ug/L	100
35) Methylcyclohexane	6.761	83	1201	0.113	ug/L #	73
40) 4-Methyl-2-pentanone	7.796	43	7185	1.554	ug/L #	88
42) Toluene	7.970	91	32817	1.187	ug/L	99
52) Ethylbenzene	9.571	91	263569	9.109	ug/L	100
53) m,p-Xylene	9.694	106	44924	4.053	ug/L	99
54) o-Xylene	10.102	106	82079	7.674	ug/L	93
55) Styrene	10.115	104	18603	1.033	ug/L #	65
60) Isopropylbenzene	10.484	105	92310	2.994	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	112549	4.465	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	467509	18.511	ug/L	99

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

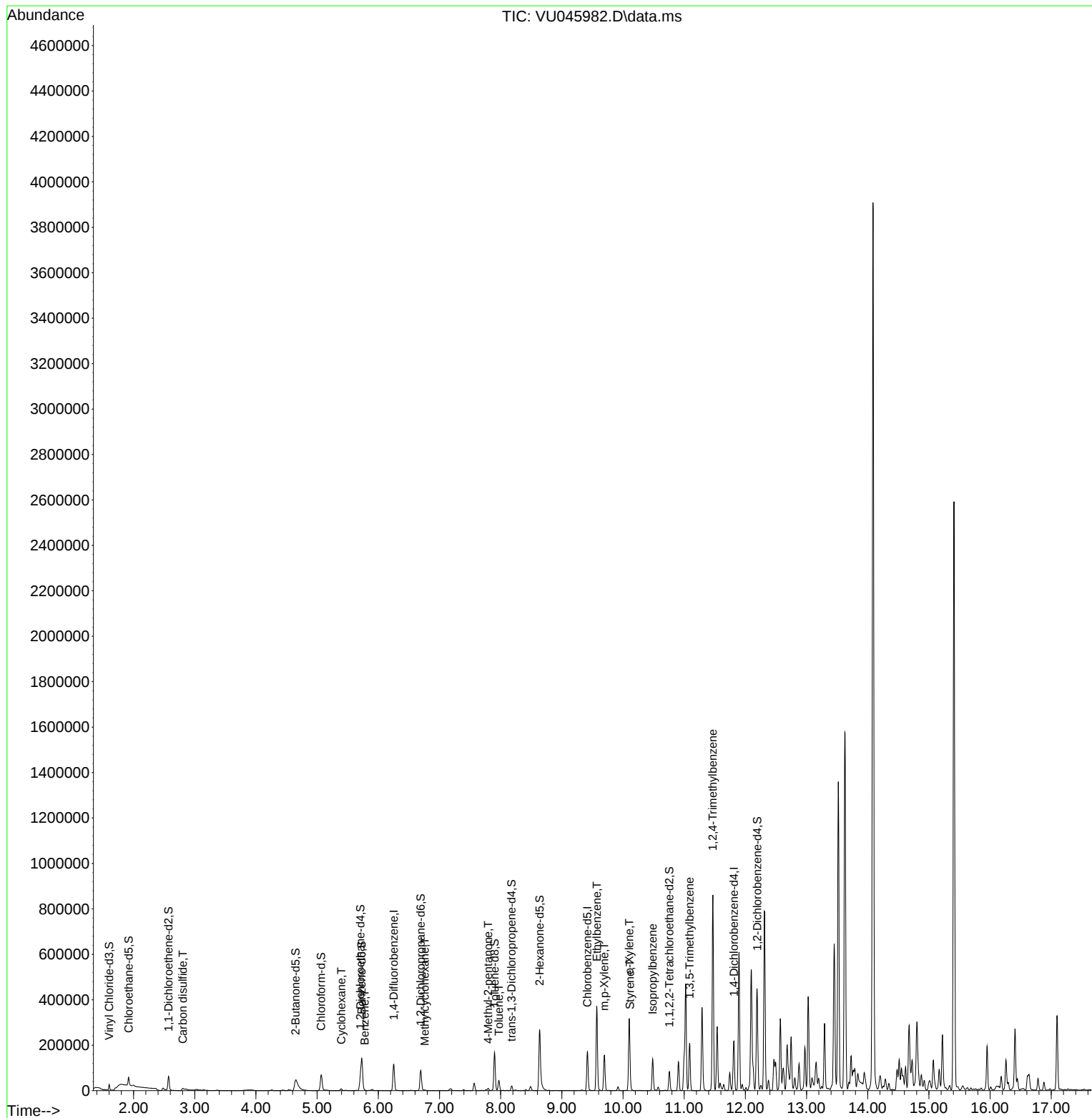
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112321\
Data File : VU045982.D
Acq On : 24 Nov 2021 02:10
Operator : SY/MD
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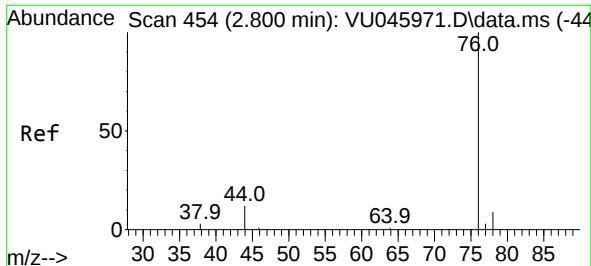
Instrument :
MSVOA_U
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C0G64

Quant Time: Nov 24 03:04:04 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111521WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Nov 24 01:57:54 2021
Response via : Initial Calibration

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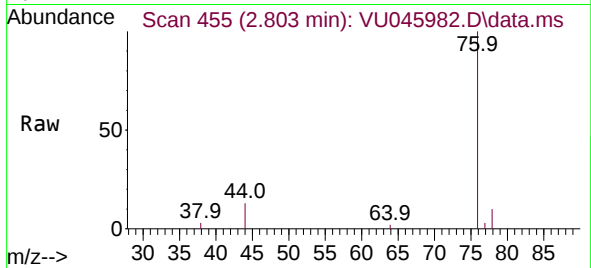
Reviewed By :John Carlone 11/24/2021
Supervised By :Mahesh Dadoda 11/28/2021





#14
Carbon disulfide
Concen: 3.370 ug/L m
RT: 2.803 min Scan# 411
Delta R.T. 0.003 min
Lab File: VU045982.D
Acq: 24 Nov 2021 02:10

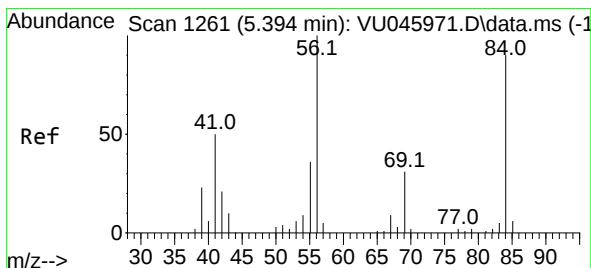
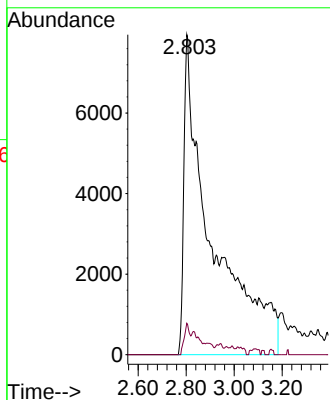
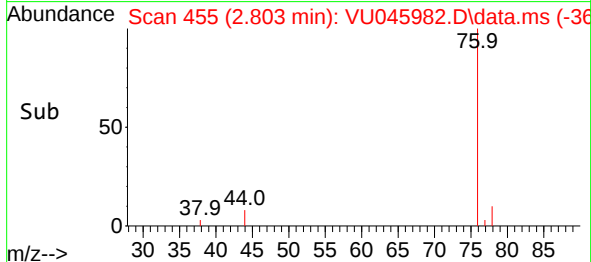
Instrument :
MSVOA_U
ClientSampleId :
C0G64



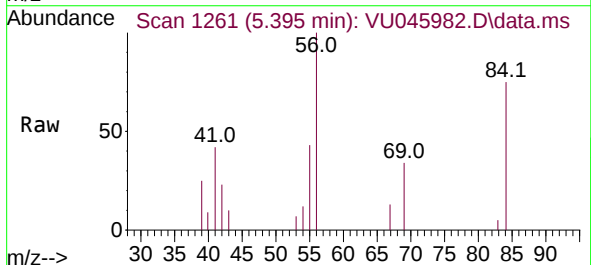
Tgt Ion: 76 Resp: 6311
Ion Ratio Lower Upper
76 100
78 9.8 7.5 11.3

Manual Integrations
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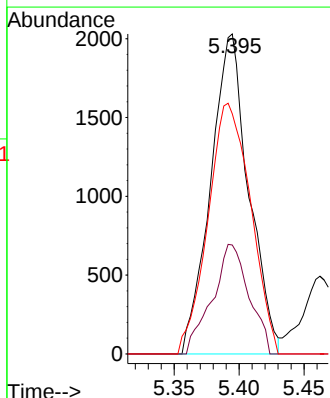
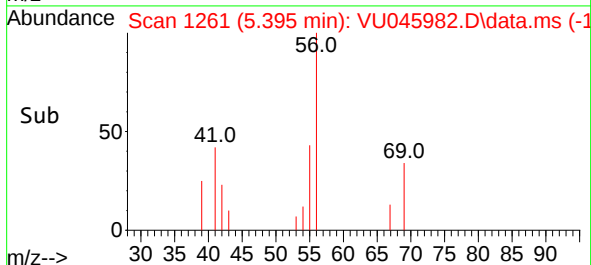
Reviewed By :John Carlone 11/24/2021
Supervised By :Mahesh Dadoda 11/28/2021

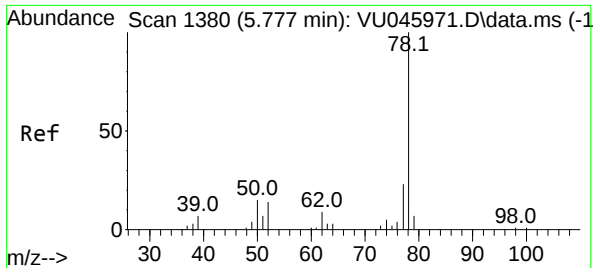


#30
Cyclohexane
Concen: 0.401 ug/L
RT: 5.395 min Scan# 1261
Delta R.T. 0.000 min
Lab File: VU045982.D
Acq: 24 Nov 2021 02:10



Tgt Ion: 56 Resp: 4142
Ion Ratio Lower Upper
56 100
69 33.0 24.7 37.1
84 87.6 71.8 107.6





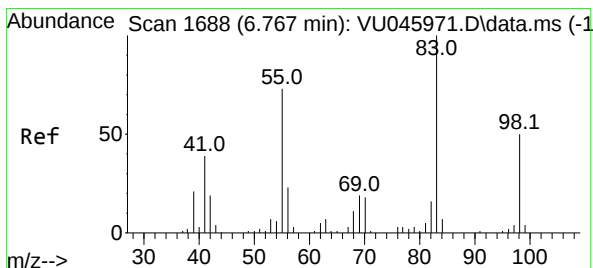
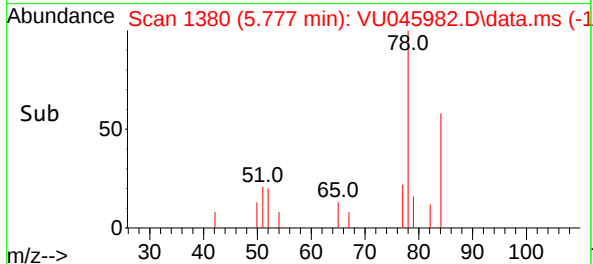
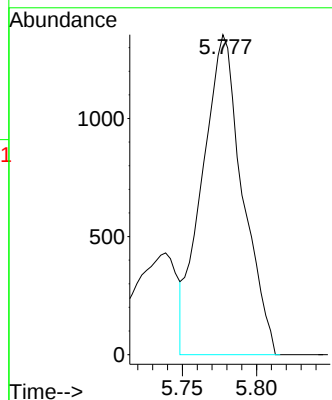
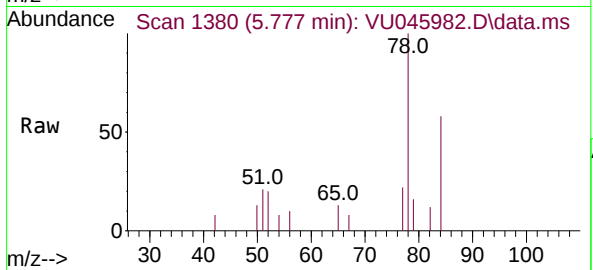
#33
Benzene
Concen: 0.096 ug/L
RT: 5.777 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU045982.D
Acq: 24 Nov 2021 02:10

Instrument :
MSVOA_U
ClientSampleId :
C0G64

Tgt Ion: 78 Resp: 256

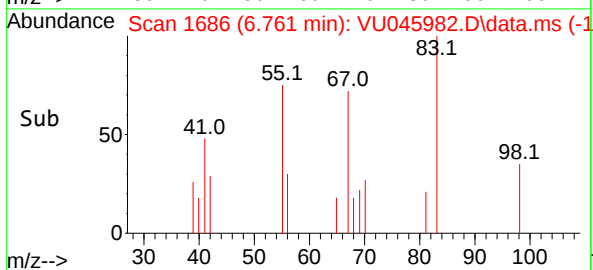
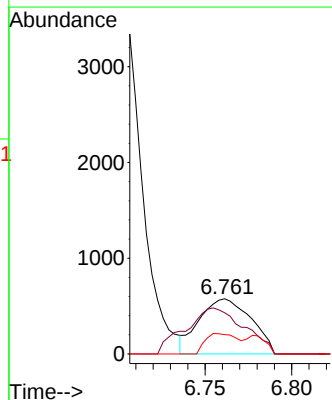
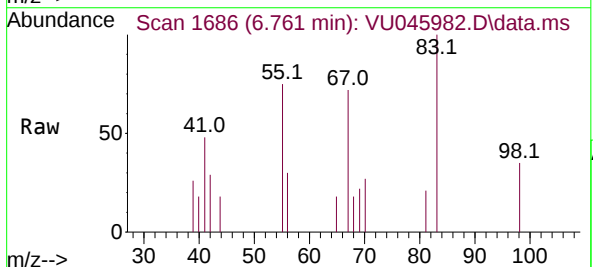
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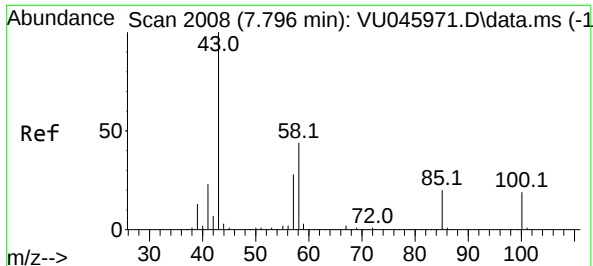
Reviewed By :John Carlone 11/24/2021
Supervised By :Mahesh Dadoda 11/28/2021



#35
Methylcyclohexane
Concen: 0.113 ug/L
RT: 6.761 min Scan# 1686
Delta R.T. -0.006 min
Lab File: VU045982.D
Acq: 24 Nov 2021 02:10

Tgt Ion: 83 Resp: 1201
Ion Ratio Lower Upper
83 100
55 94.0 61.9 92.9#
98 22.6 39.0 58.6#





#40

4-Methyl-2-pentanone

Concen: 1.554 ug/L

RT: 7.796 min Scan# 2008

Delta R.T. 0.000 min

Lab File: VU045982.D

Acq: 24 Nov 2021 02:10

Instrument :

MSVOA_U

ClientSampleId :

C0G64

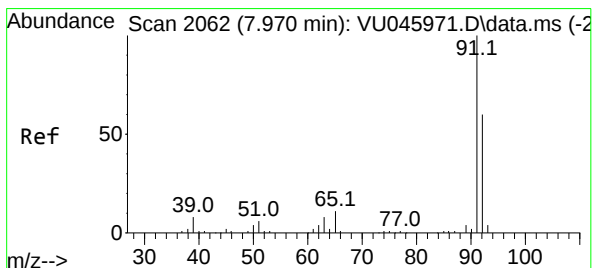
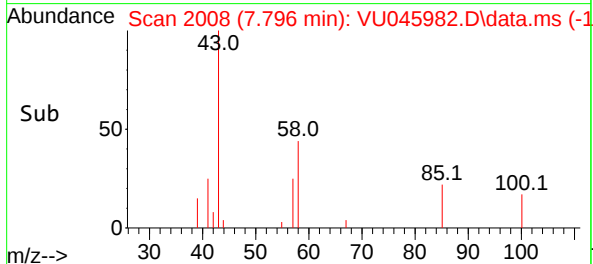
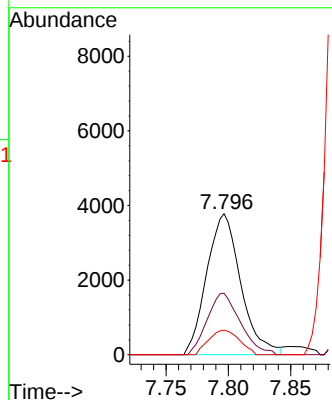
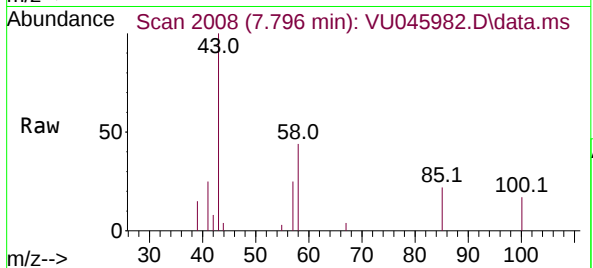
Tgt Ion: 43 Resp: 7185
 Ion Ratio Lower Upper
 43 100
 58 42.3 33.1 49.7
 100 0.0 13.2 19.8

Manual Integrations

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#42

Toluene

Concen: 1.187 ug/L

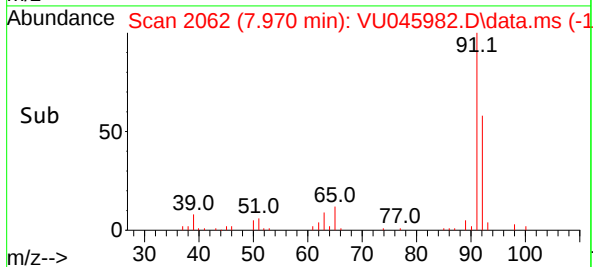
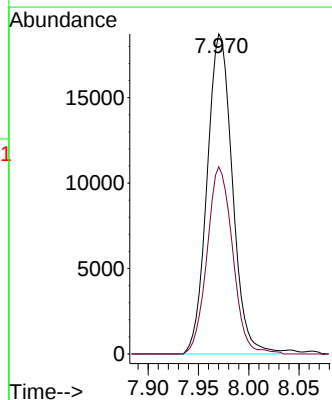
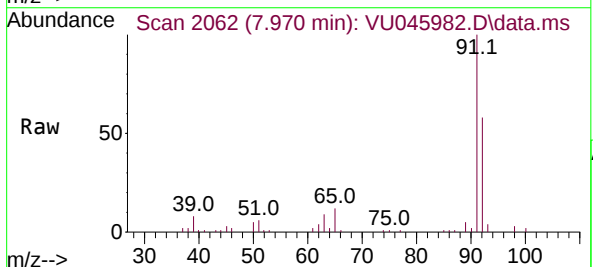
RT: 7.970 min Scan# 2062

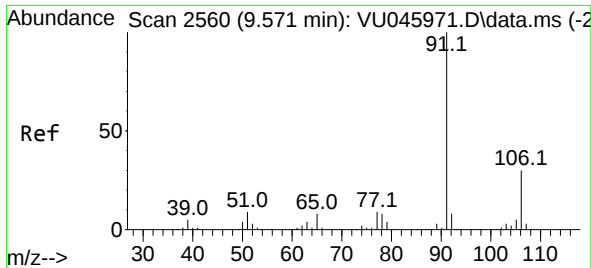
Delta R.T. 0.000 min

Lab File: VU045982.D

Acq: 24 Nov 2021 02:10

Tgt Ion: 91 Resp: 32817
 Ion Ratio Lower Upper
 91 100
 92 58.5 41.3 76.7





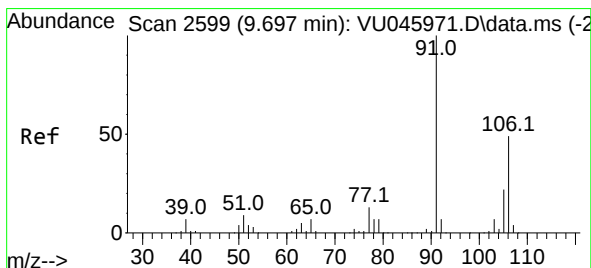
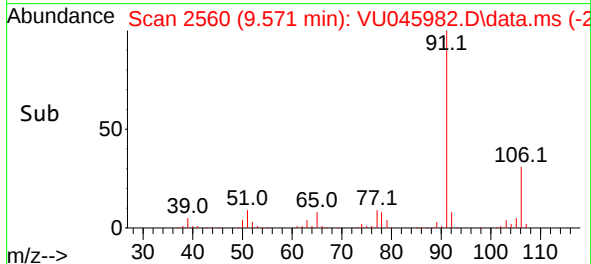
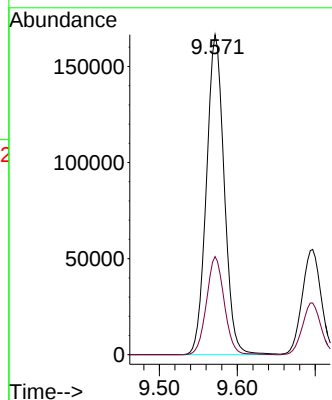
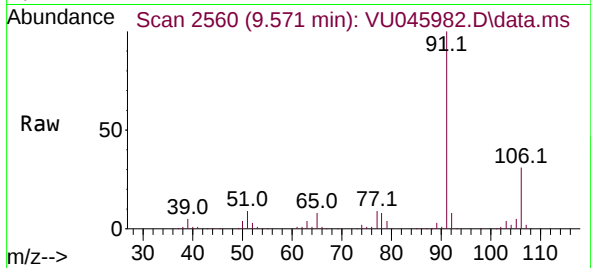
#52
Ethylbenzene
Concen: 9.109 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU045982.D
Acq: 24 Nov 2021 02:10

Instrument :
MSVOA_U
ClientSampleId :
C0G64

Tgt Ion: 91 Resp: 26356
Ion Ratio Lower Upper
91 100
106 30.6 21.5 39.9

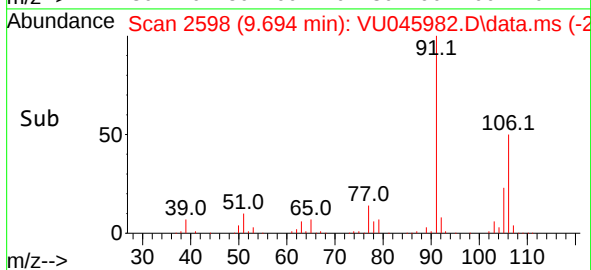
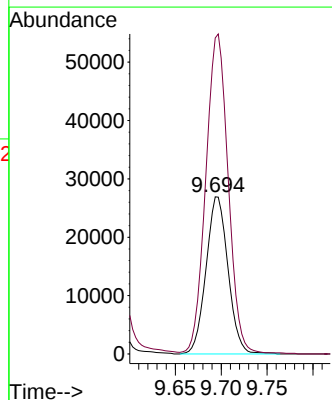
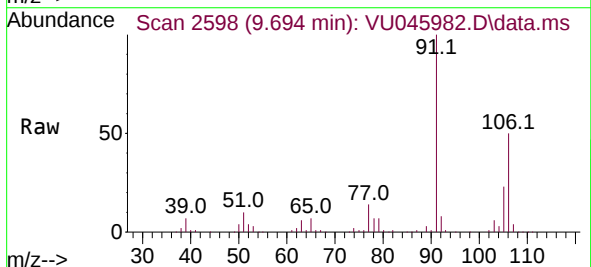
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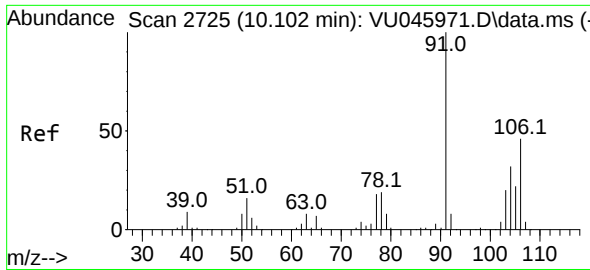
Reviewed By :John Carlone 11/24/2021
Supervised By :Mahesh Dadoda 11/28/2021



#53
m,p-Xylene
Concen: 4.053 ug/L
RT: 9.694 min Scan# 2598
Delta R.T. -0.003 min
Lab File: VU045982.D
Acq: 24 Nov 2021 02:10

Tgt Ion:106 Resp: 44924
Ion Ratio Lower Upper
106 100
91 201.1 139.4 259.0





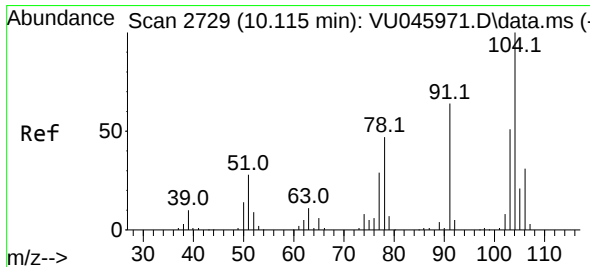
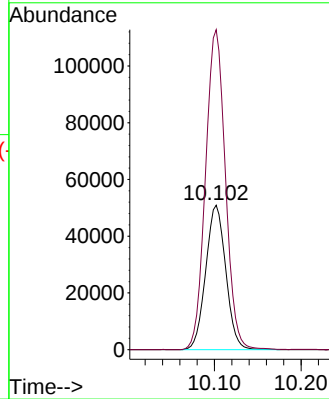
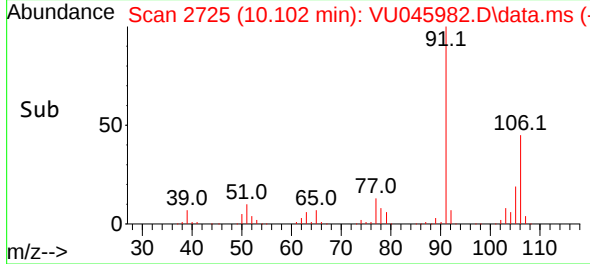
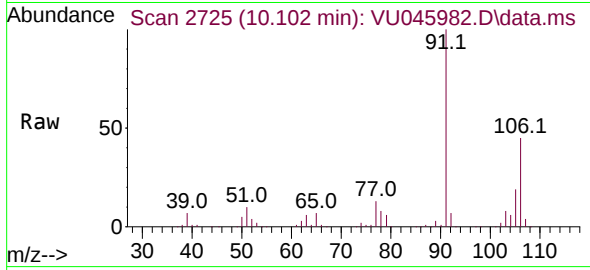
#54
o-Xylene
Concen: 7.674 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. 0.000 min
Lab File: VU045982.D
Acq: 24 Nov 2021 02:10

Instrument :
MSVOA_U
ClientSampleId :
C0G64

Tgt Ion:106 Resp: 82079
Ion Ratio Lower Upper
106 100
91 221.6 147.5 273.9

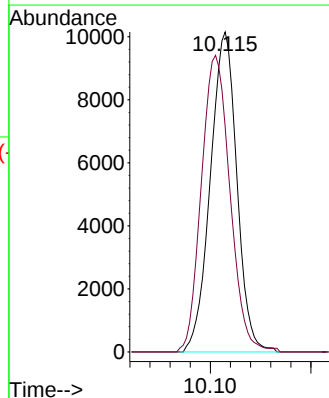
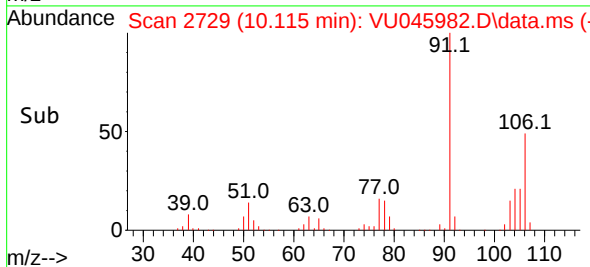
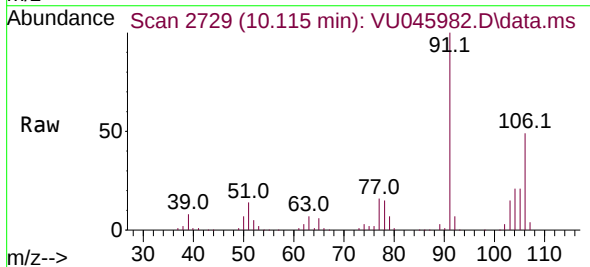
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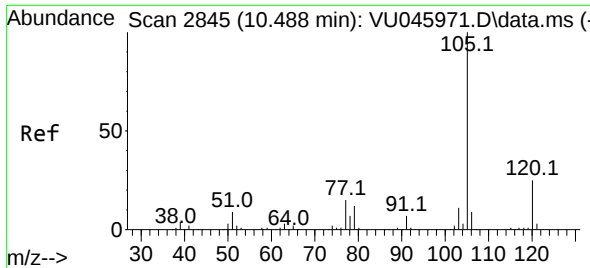
Reviewed By :John Carlone 11/24/2021
Supervised By :Mahesh Dadoda 11/28/2021



#55
Styrene
Concen: 1.033 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. 0.000 min
Lab File: VU045982.D
Acq: 24 Nov 2021 02:10

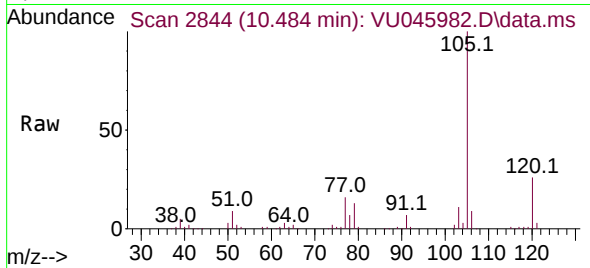
Tgt Ion:104 Resp: 18603
Ion Ratio Lower Upper
104 100
78 70.4 33.0 61.4#





#60
Isopropylbenzene
Concen: 2.994 ug/L
RT: 10.484 min Scan# 2845
Delta R.T. -0.003 min
Lab File: VU045982.D
Acq: 24 Nov 2021 02:10

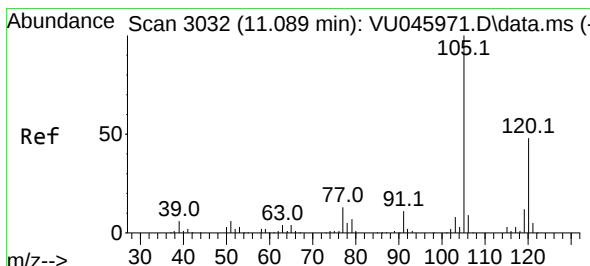
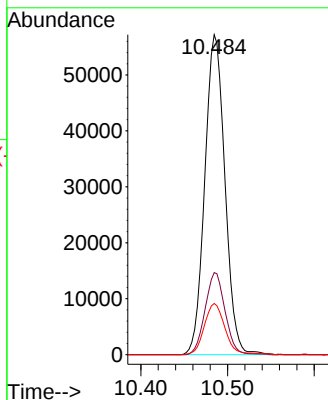
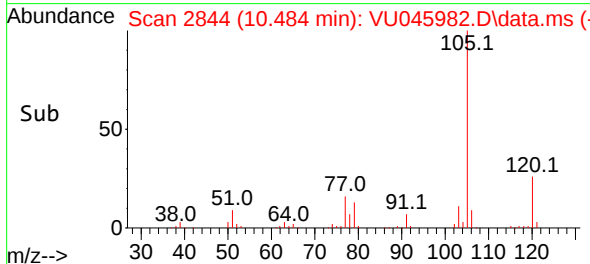
Instrument :
MSVOA_U
ClientSampleId :
C0G64



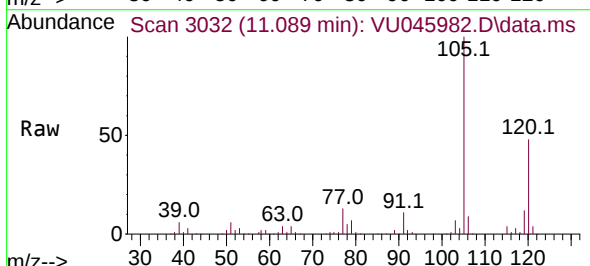
Tgt Ion:105 Resp: 92310
Ion Ratio Lower Upper
105 100
120 25.4 20.7 31.1
77 16.5 12.6 19.0

Manual Integrations
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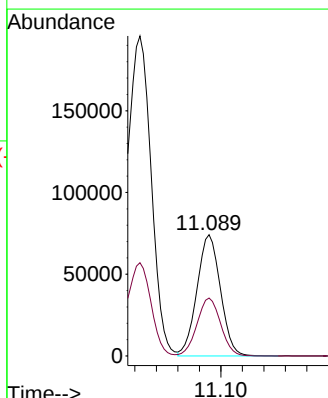
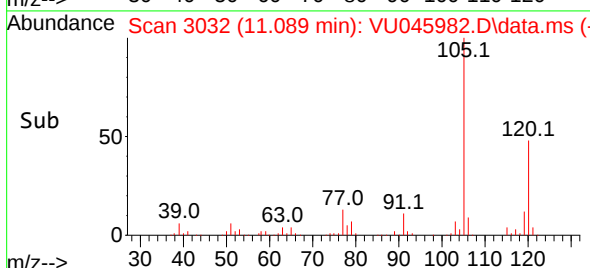
Reviewed By :John Carlone 11/24/2021
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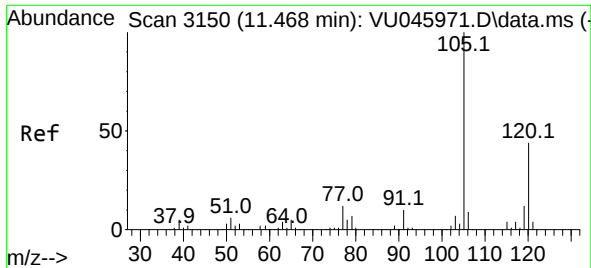


#62
1,3,5-Trimethylbenzene
Concen: 4.465 ug/L
RT: 11.089 min Scan# 3032
Delta R.T. 0.000 min
Lab File: VU045982.D
Acq: 24 Nov 2021 02:10



Tgt Ion:105 Resp: 112549
Ion Ratio Lower Upper
105 100
120 48.1 38.3 57.5





#63
 1,2,4-Trimethylbenzene
 Concen: 18.511 ug/L
 RT: 11.468 min Scan# 3150
 Delta R.T. 0.000 min
 Lab File: VU045982.D
 Acq: 24 Nov 2021 02:10

Instrument :
 MSVOA_U
 ClientSampleId :
 C0G64

Tgt Ion:105 Resp: 467509
 Ion Ratio Lower Upper
 105 100
 120 44.1 35.8 53.8

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