

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112321\
 Data File : VU045968.D
 Acq On : 23 Nov 2021 20:06
 Operator : SY/MD
 Sample : M4722-08
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0G48

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/24/2021
 Supervised By : Semsettin Yesilyurt 11/29/2021

Quant Time: Nov 24 00:34:38 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 24 00:27:16 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	91246	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	92668	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	50214	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	17297	2.393	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	47.800%
7) Chloroethane-d5	1.919	69	26418	5.020	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.400%
11) 1,1-Dichloroethene-d2	2.575	65	12050	3.974	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.400%
20) 2-Butanone-d5	4.652	46	126169	65.124	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	130.240%#
24) Chloroform-d	5.067	84	66106	5.489	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.800%
26) 1,2-Dichloroethane-d4	5.710	65	37376	5.289	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.800%
32) Benzene-d6	5.735	84	133904	5.247	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.000%
36) 1,2-Dichloropropane-d6	6.694	67	41482	5.158	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.200%
41) Toluene-d8	7.899	98	121865	5.279	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.600%
43) trans-1,3-Dichloroprop...	8.179	79	16114	4.935	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.800%
46) 2-Hexanone-d5	8.636	63	113328	77.117	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	154.240%#
56) 1,1,2,2-Tetrachloroeth...	10.758	84	41075	6.045	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	121.000%#
66) 1,2-Dichlorobenzene-d4	12.195	152	48373	5.611	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.200%
Target Compounds						Qvalue
3) Chloromethane	1.520	50	2097	0.266	ug/L	99
14) Carbon disulfide	2.803	76	8591	0.481	ug/L	96
22) cis-1,2-Dichloroethene	4.674	96	7405	1.128	ug/L	96
30) Cyclohexane	5.395	56	427598	42.821	ug/L	98
33) Benzene	5.787	78	17996953	695.950	ug/L	100
35) Methylcyclohexane	6.768	83	223345	21.823	ug/L	89
42) Toluene	7.970	91	1294573	48.498	ug/L	100
47) Tetrachloroethene	8.555	164	9849	2.111	ug/L	93
50) 1,2-Dibromoethane	8.925	107	7267	1.527	ug/L #	76
52) Ethylbenzene	9.575	91	6305014	225.661	ug/L	99
53) m,p-Xylene	9.697	106	282700	26.414	ug/L	95
54) o-Xylene	10.102	106	30233	2.927	ug/L	96
60) Isopropylbenzene	10.484	105	396228	13.441	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	5350m	0.222	ug/L	
63) 1,2,4-Trimethylbenzene	11.468	105	141371	5.854	ug/L	99

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

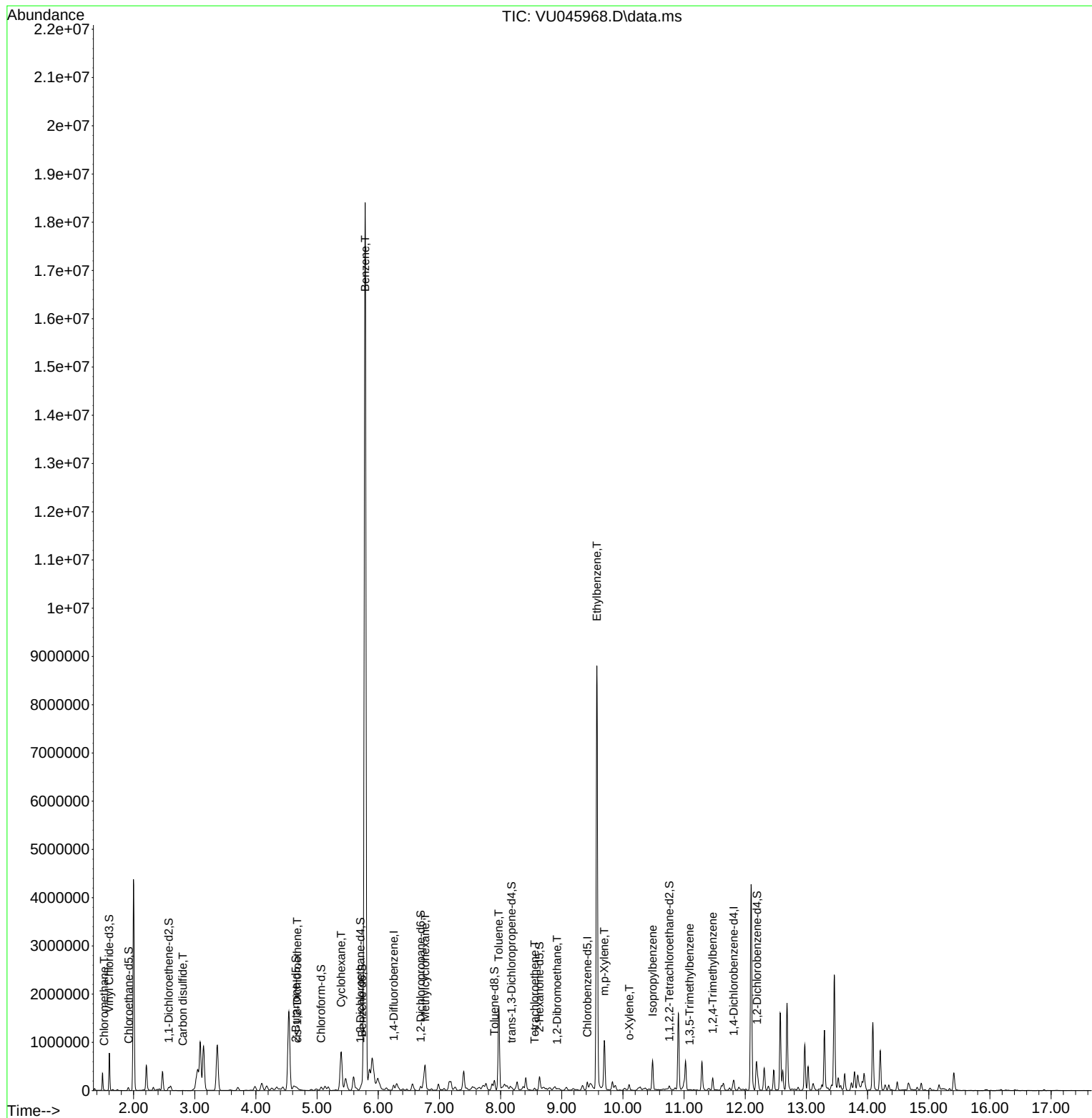
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112321\
Data File : VU045968.D
Acq On : 23 Nov 2021 20:06
Operator : SY/MD
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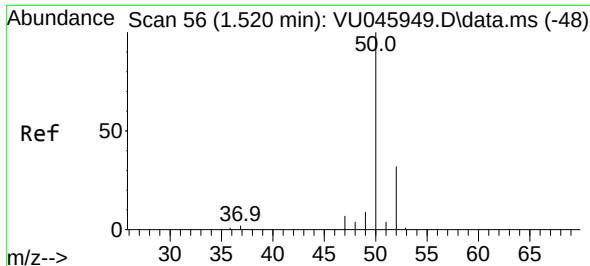
Instrument :
MSVOA_U
ClientSampleId :
C0G48

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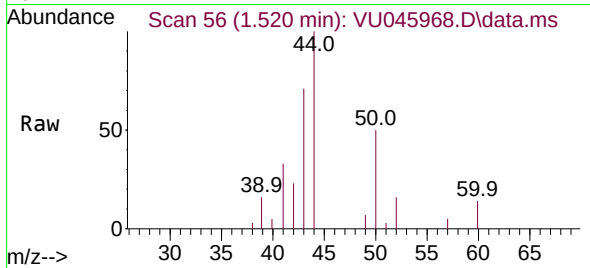
Quant Time: Nov 24 00:34:38 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111521WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Nov 24 00:27:16 2021
Response via : Initial Calibration





#3
Chloromethane
Concen: 0.266 ug/L
RT: 1.520 min Scan# 50
Delta R.T. 0.000 min
Lab File: VU045968.D
Acq: 23 Nov 2021 20:06

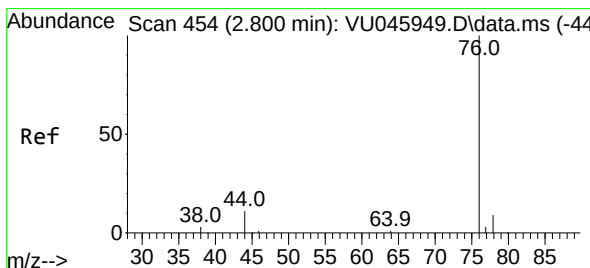
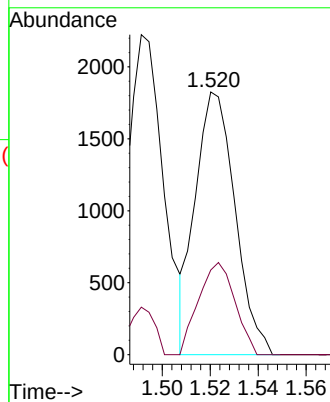
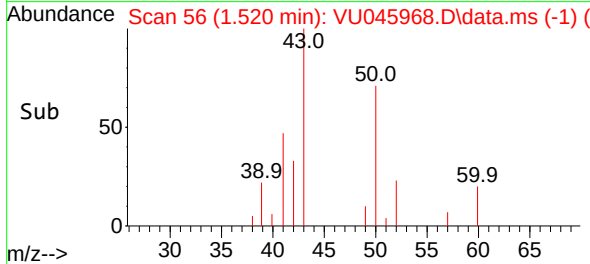
Instrument :
MSVOA_U
ClientSampleId :
C0G48



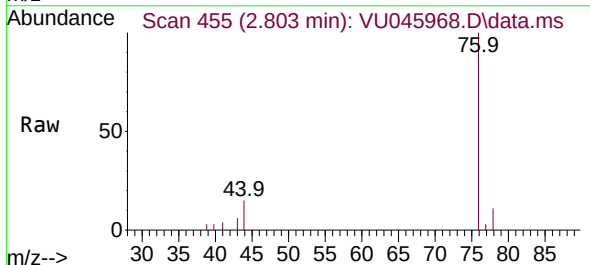
Tgt Ion: 50 Resp: 209
Ion Ratio Lower Upper
50 100
52 32.2 23.0 42.8

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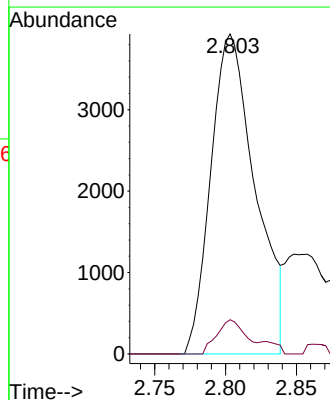
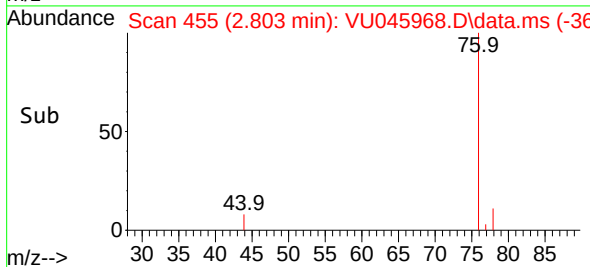
Reviewed By :John Carlone 11/24/2021
Supervised By :Semsettin Yesilyurt 11/29/2021

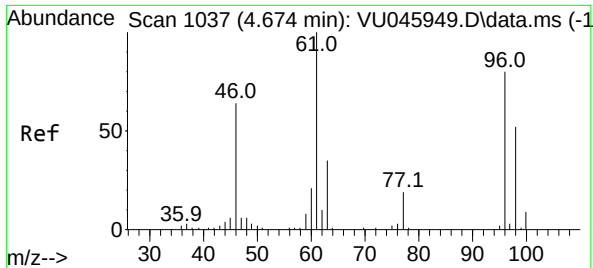


#14
Carbon disulfide
Concen: 0.481 ug/L
RT: 2.803 min Scan# 455
Delta R.T. 0.003 min
Lab File: VU045968.D
Acq: 23 Nov 2021 20:06



Tgt Ion: 76 Resp: 8591
Ion Ratio Lower Upper
76 100
78 10.7 7.5 11.3





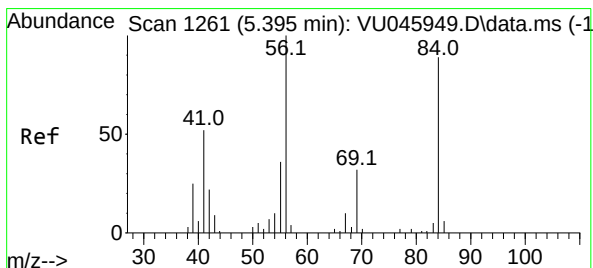
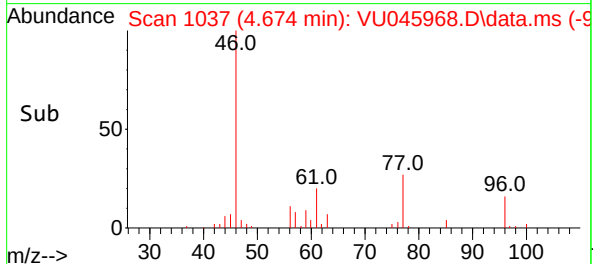
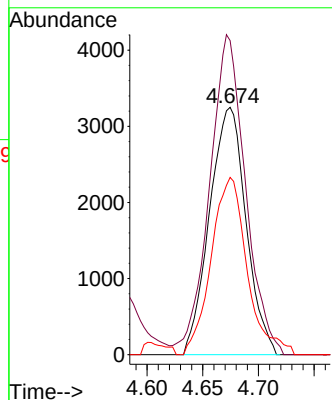
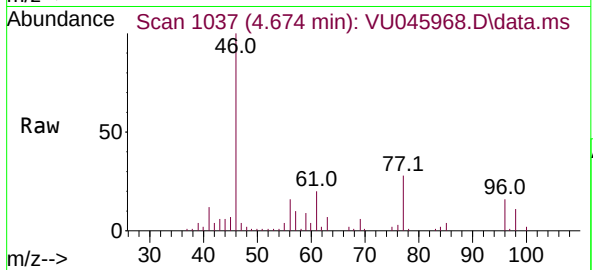
#22
 cis-1,2-Dichloroethene
 Concen: 1.128 ug/L
 RT: 4.674 min Scan# 1037
 Delta R.T. 0.000 min
 Lab File: VU045968.D
 Acq: 23 Nov 2021 20:06

Instrument :
 MSVOA_U
 ClientSampleId :
 C0G48

Tgt Ion: 96 Resp: 740
 Ion Ratio Lower Upper
 96 100
 61 127.0 88.5 164.3
 98 71.7 44.4 82.5

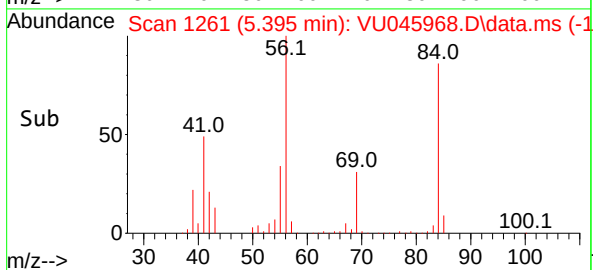
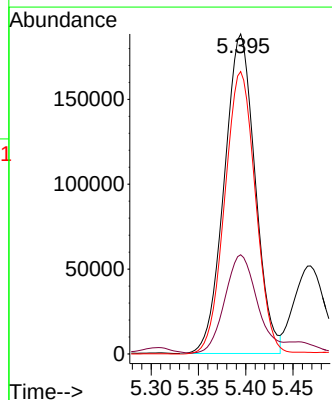
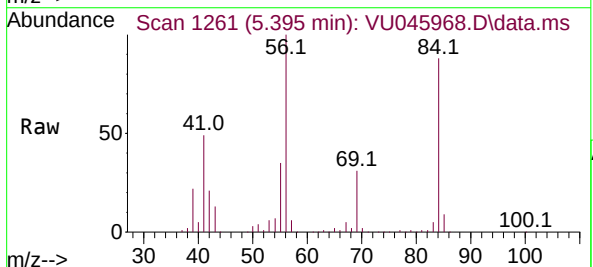
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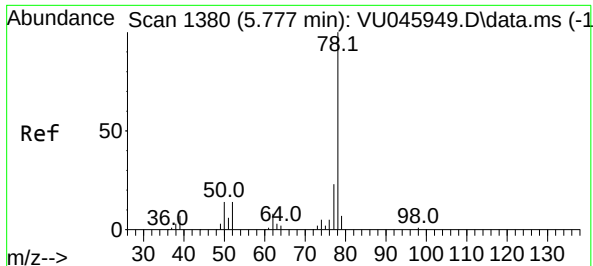
Reviewed By :John Carlone 11/24/2021
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#30
 Cyclohexane
 Concen: 42.821 ug/L
 RT: 5.395 min Scan# 1261
 Delta R.T. 0.000 min
 Lab File: VU045968.D
 Acq: 23 Nov 2021 20:06

Tgt Ion: 56 Resp: 427598
 Ion Ratio Lower Upper
 56 100
 69 32.2 24.7 37.1
 84 88.1 71.8 107.6





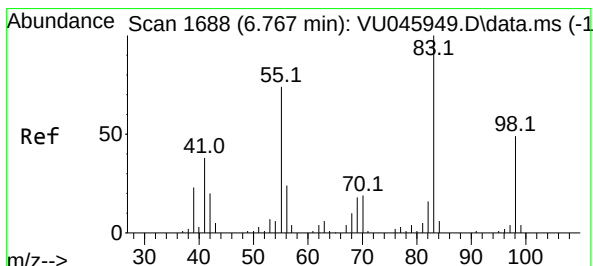
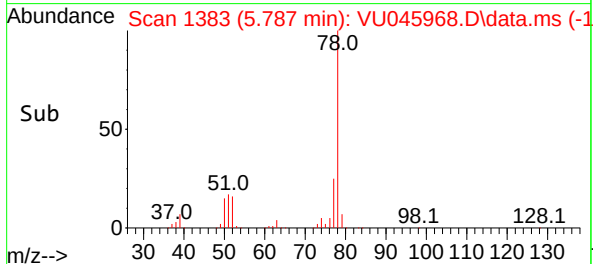
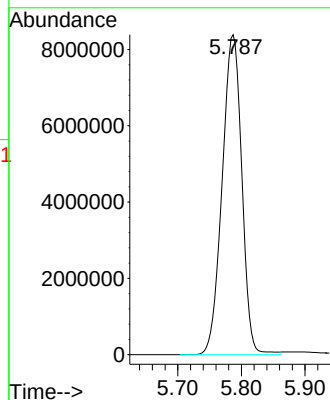
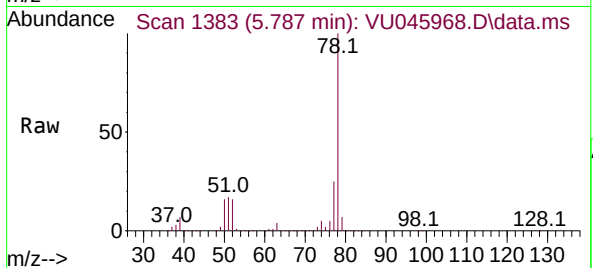
#33
Benzene
Concen: 695.950 ug/L
RT: 5.787 min Scan# 11
Delta R.T. 0.010 min
Lab File: VU045968.D
Acq: 23 Nov 2021 20:06

Instrument :
MSVOA_U
ClientSampleId :
C0G48

Tgt Ion: 78 Resp:1799695

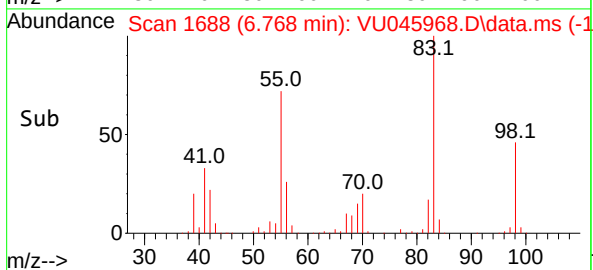
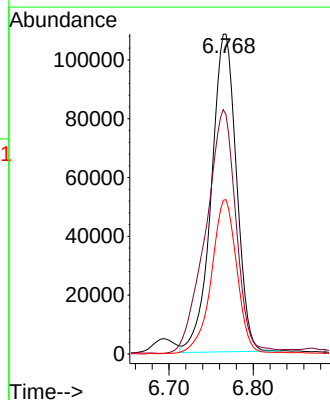
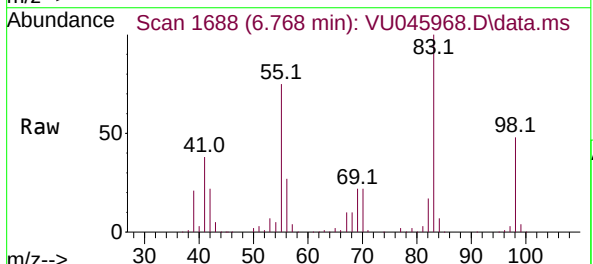
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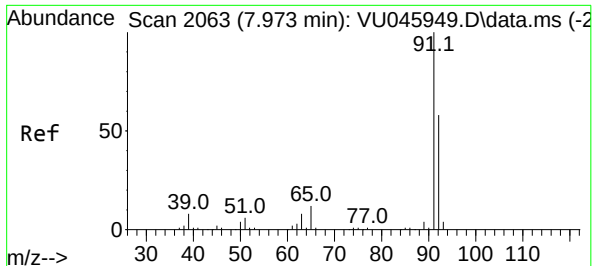
Reviewed By :John Carlone 11/24/2021
Supervised By :Semsettin Yesilyurt 11/29/2021



#35
Methylcyclohexane
Concen: 21.823 ug/L
RT: 6.768 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VU045968.D
Acq: 23 Nov 2021 20:06

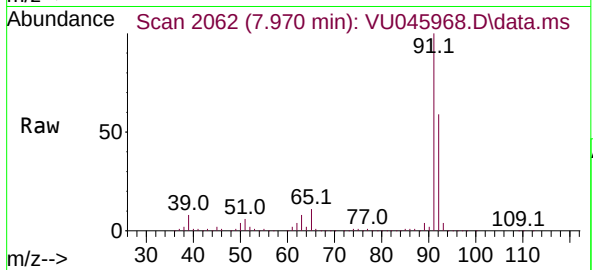
Tgt Ion: 83 Resp: 223345
Ion Ratio Lower Upper
83 100
55 92.8 61.9 92.9
98 49.4 39.0 58.6





#42
Toluene
Concen: 48.498 ug/L
RT: 7.970 min Scan# 2063
Delta R.T. -0.003 min
Lab File: VU045968.D
Acq: 23 Nov 2021 20:06

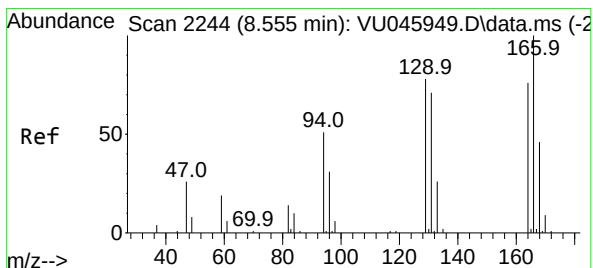
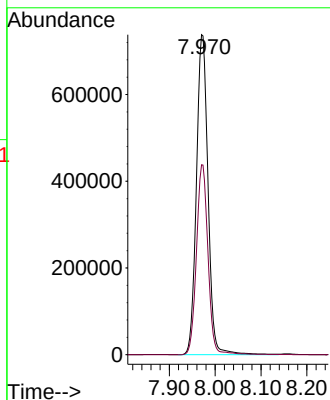
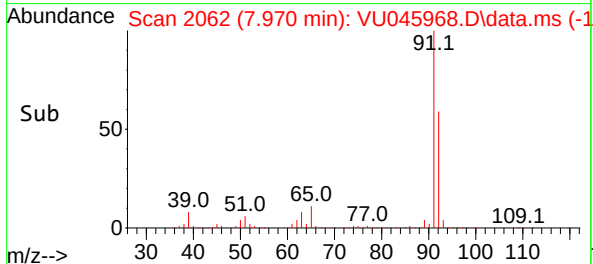
Instrument :
MSVOA_U
ClientSampleId :
C0G48



Tgt Ion: 91 Resp: 129457
Ion Ratio Lower Upper
91 100
92 59.3 41.3 76.7

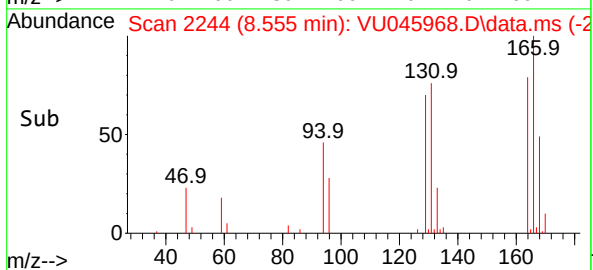
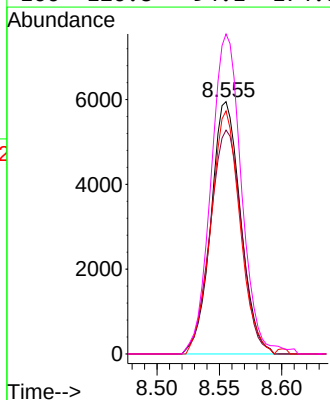
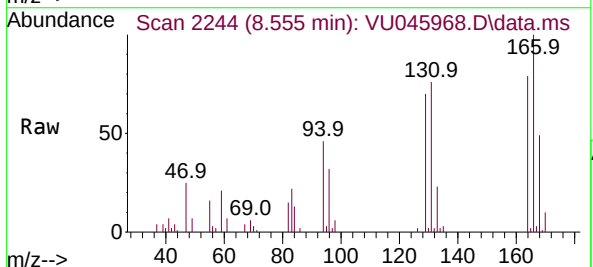
Manual Integrations
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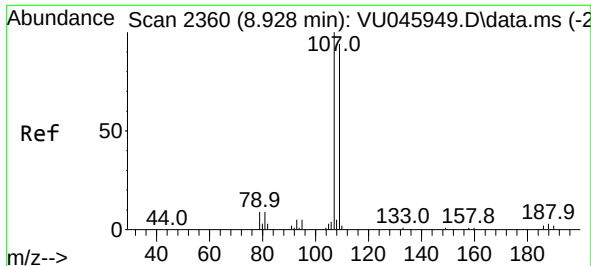
Reviewed By :John Carlone 11/24/2021
Supervised By :Semsettin Yesilyurt 11/29/2021



#47
Tetrachloroethene
Concen: 2.111 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU045968.D
Acq: 23 Nov 2021 20:06

Tgt Ion:164 Resp: 9849
Ion Ratio Lower Upper
164 100
129 88.7 71.8 133.4
131 96.3 68.5 127.3
166 126.8 94.1 174.8





#50

1,2-Dibromoethane

Concen: 1.527 ug/L

RT: 8.925 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU045968.D

Acq: 23 Nov 2021 20:06

Instrument :

MSVOA_U

ClientSampleId :

C0G48

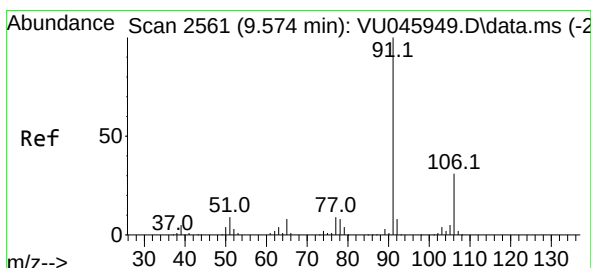
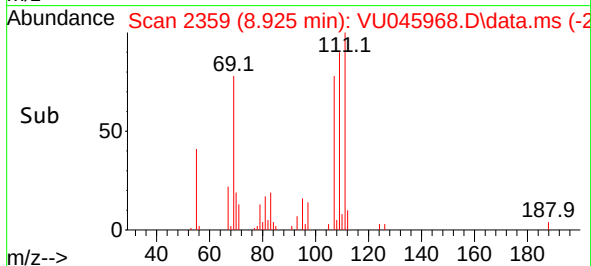
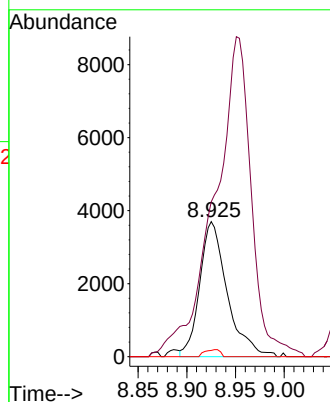
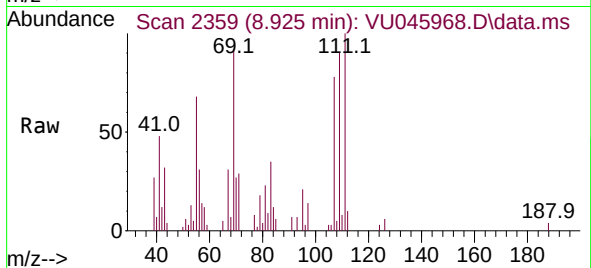
Tgt Ion:	107	Resp:	726
Ion	Ratio	Lower	Upper
107	100		
109	114.7	64.0	119.0
188	4.6	2.4	3.6

Manual Integrations

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#52

Ethylbenzene

Concen: 225.661 ug/L

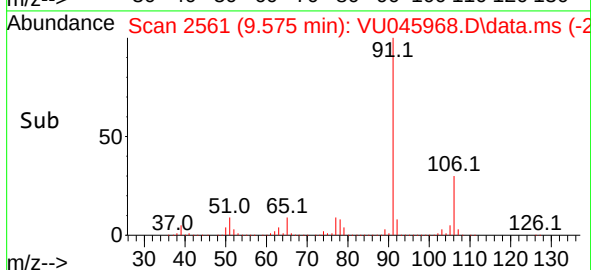
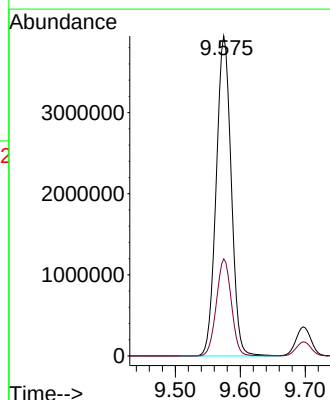
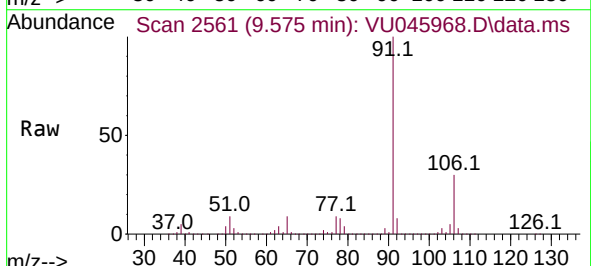
RT: 9.575 min Scan# 2561

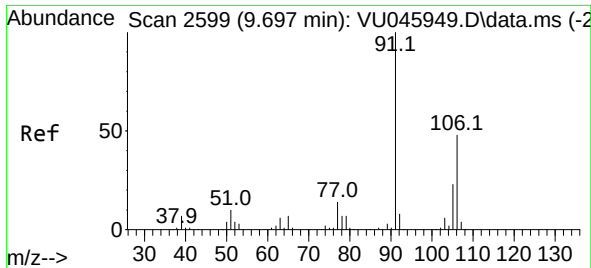
Delta R.T. 0.000 min

Lab File: VU045968.D

Acq: 23 Nov 2021 20:06

Tgt Ion:	91	Resp:	6305014
Ion	Ratio	Lower	Upper
91	100		
106	30.4	21.5	39.9





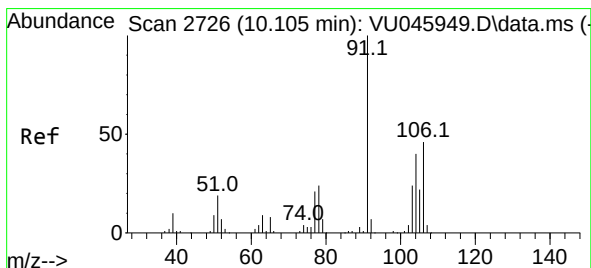
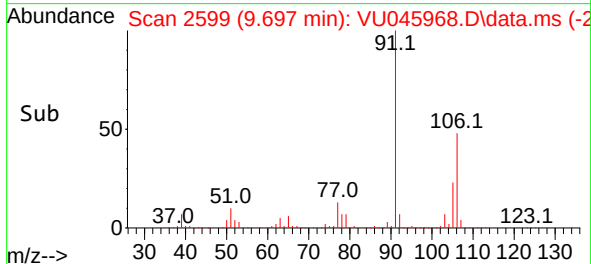
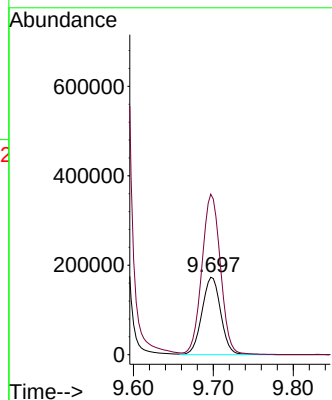
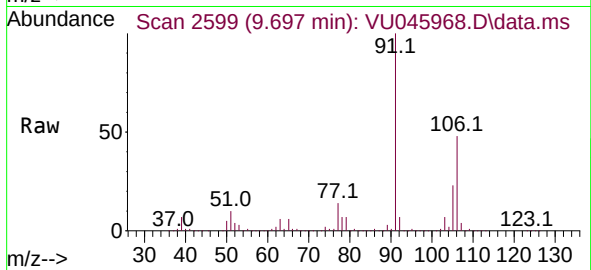
#53
m,p-Xylene
Concen: 26.414 ug/L
RT: 9.697 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU045968.D
Acq: 23 Nov 2021 20:06

Instrument :
MSVOA_U
ClientSampleId :
C0G48

Tgt Ion:106 Resp: 282700
Ion Ratio Lower Upper
106 100
91 207.1 139.4 259.0

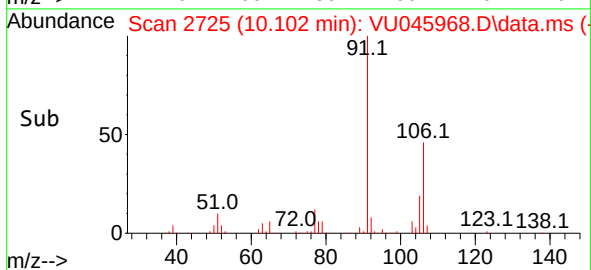
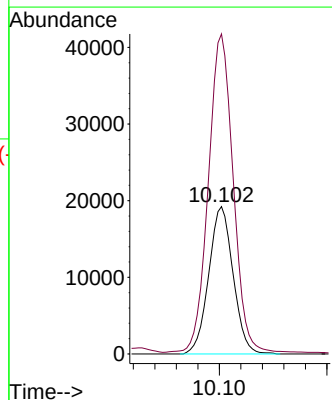
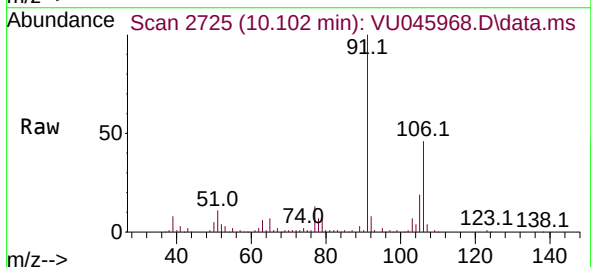
Manual Integrations
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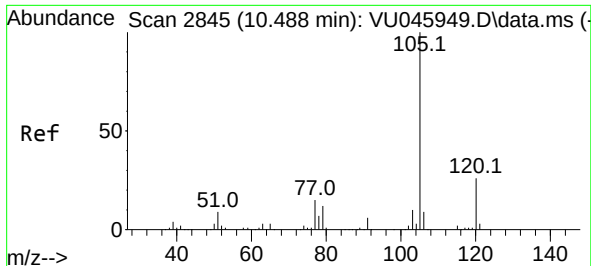
Reviewed By :John Carlone 11/24/2021
Supervised By :Semsettin Yesilyurt 11/29/2021



#54
o-Xylene
Concen: 2.927 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. -0.003 min
Lab File: VU045968.D
Acq: 23 Nov 2021 20:06

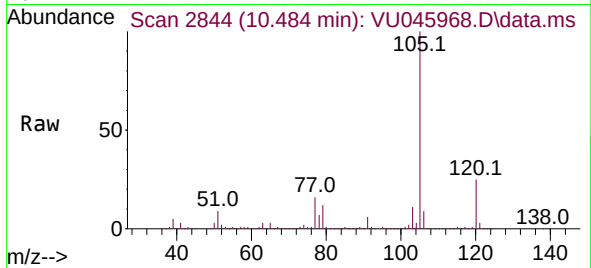
Tgt Ion:106 Resp: 30233
Ion Ratio Lower Upper
106 100
91 217.1 147.5 273.9





#60
Isopropylbenzene
Concen: 13.441 ug/L
RT: 10.484 min Scan# 2844
Delta R.T. -0.003 min
Lab File: VU045968.D
Acq: 23 Nov 2021 20:06

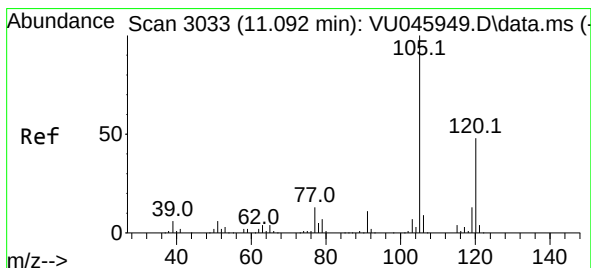
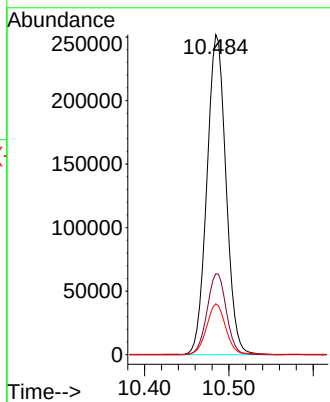
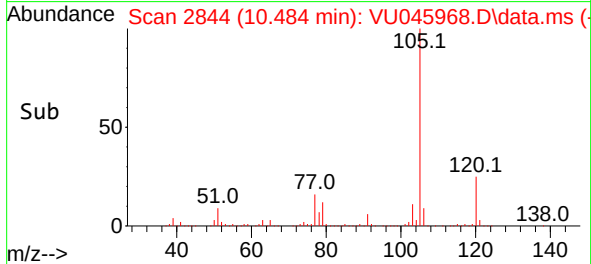
Instrument :
MSVOA_U
ClientSampleId :
C0G48



Tgt Ion:105 Resp: 396228
Ion Ratio Lower Upper
105 100
120 25.5 20.7 31.1
77 15.8 12.6 19.0

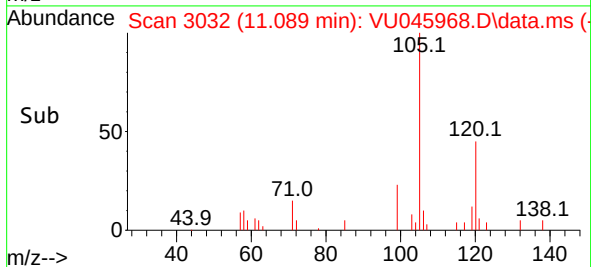
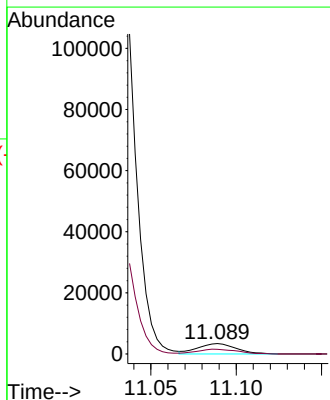
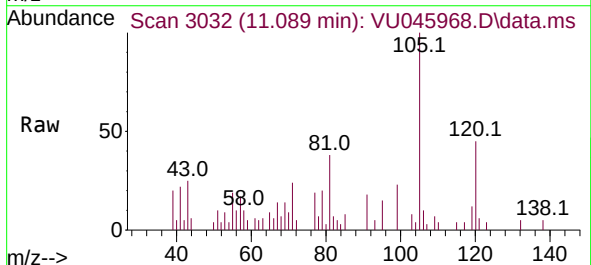
Manual Integrations
APPROVED

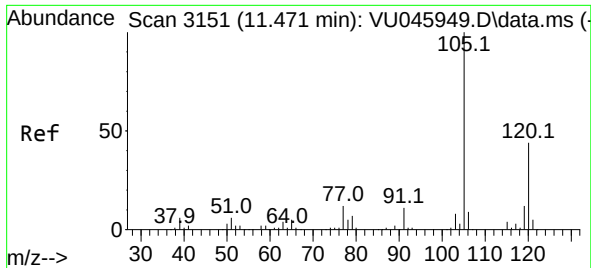
Reviewed By :John Carlone 11/24/2021
Supervised By :Semsettin Yesilyurt 11/29/2021



#62
1,3,5-Trimethylbenzene
Concen: 0.222 ug/L m
RT: 11.089 min Scan# 3032
Delta R.T. -0.003 min
Lab File: VU045968.D
Acq: 23 Nov 2021 20:06

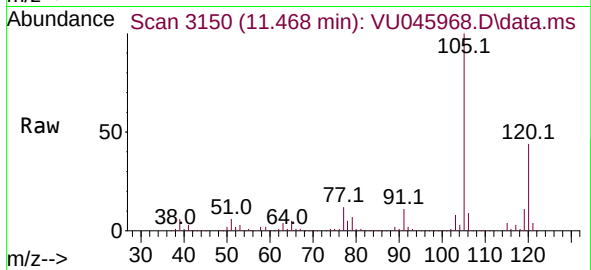
Tgt Ion:105 Resp: 5350
Ion Ratio Lower Upper
105 100
120 1168.0 38.3 57.5#





#63
 1,2,4-Trimethylbenzene
 Concen: 5.854 ug/L
 RT: 11.468 min Scan# 3150
 Delta R.T. -0.003 min
 Lab File: VU045968.D
 Acq: 23 Nov 2021 20:06

Instrument :
 MSVOA_U
 ClientSampleId :
 C0G48



Tgt Ion:105 Resp: 14137
 Ion Ratio Lower Upper
 105 100
 120 44.2 35.8 53.8

Manual Integrations
 APPROVED

Reviewed By :John Carlone 11/24/2021
 Supervised By :Semsettin Yesilyurt 11/29/2021

