

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW071522\
 Data File : VW026799.D
 Acq On : 15 Jul 2022 18:37
 Operator : SY/MD
 Sample : N3710-17
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H0B09

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/18/2022
 Supervised By : Mahesh Dadoda 07/18/2022

Quant Time: Jul 16 00:57:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR071122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jul 16 00:49:45 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	247534	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	231243	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	119139	5.000	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.301	65	53902	2.387	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	47.800%
7) Chloroethane-d5	1.561	69	60230	3.087	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	61.800%#
11) 1,1-Dichloroethene-d2	2.101	63	79309	1.829	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	36.600%#
20) 2-Butanone-d5	3.902	46	211626	60.045	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	120.080%
24) Chloroform-d	4.342	84	132020	3.343	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	66.800%#
26) 1,2-Dichloroethane-d4	5.031	65	75252	4.362	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.200%
32) Benzene-d6	5.047	84	255072	3.630	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	72.600%
36) 1,2-Dichloropropane-d6	6.069	67	92565	4.394	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.800%
41) Toluene-d8	7.313	98	171203	2.745	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	54.800%#
43) trans-1,3-Dichloroprop...	7.625	79	23641	3.430	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	68.600%
46) 2-Hexanone-d5	8.088	63	164330	55.064	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.120%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	81765	4.982	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.600%
66) 1,2-Dichlorobenzene-d4	11.622	152	89646	4.319	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.400%

Target Compounds	Qvalue					
13) Acetone	2.188	43	16864m	5.687	ug/L	
14) Carbon disulfide	2.288	76	18015	0.282	ug/L	99
17) Methyl tert-butyl Ether	2.767	73	7138	0.191	ug/L #	84
25) Chloroform	4.371	83	22414	0.587	ug/L	99
33) Benzene	5.098	78	158452	2.050	ug/L	100
42) Toluene	7.394	91	20842	0.267	ug/L	95
51) Chlorobenzene	8.879	112	322202	6.527	ug/L	99
52) Ethylbenzene	9.018	91	11187	0.145	ug/L	96
53) m,p-Xylene	9.140	106	4810	0.160	ug/L	86
54) o-Xylene	9.548	106	4348	0.152	ug/L	100
55) Styrene	9.567	104	2776	0.055	ug/L	89
60) Isopropylbenzene	9.931	105	34427	0.463	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	6474	0.110	ug/L	98
63) 1,2,4-Trimethylbenzene	10.915	105	22716	0.378	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	33467	0.904	ug/L	98

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

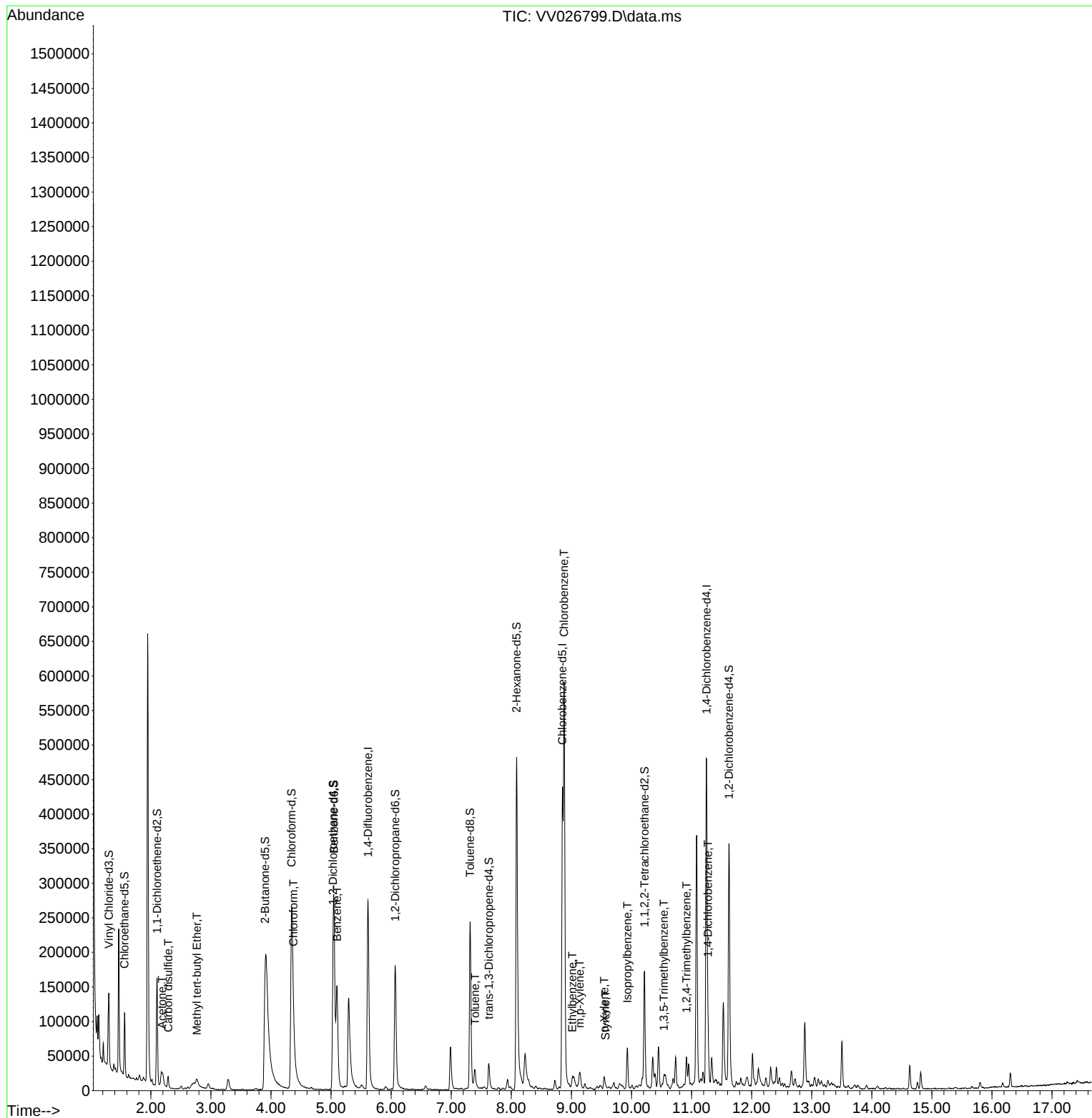
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071522\
Data File : VV026799.D
Acq On : 15 Jul 2022 18:37
Operator : SY/MD
Sample : N3710-17
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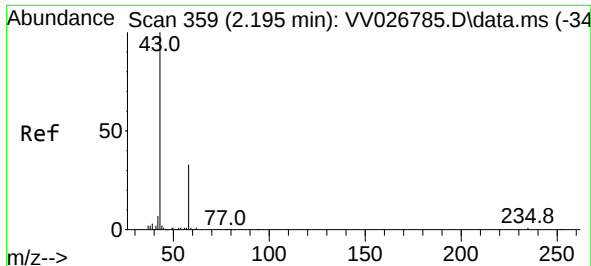
Instrument :
MSVOA_V
ClientSampleId :
H0B09

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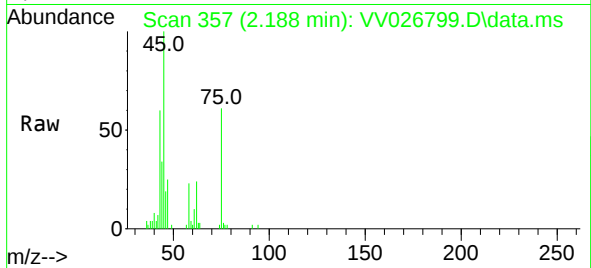
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR071122WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Jul 16 00:49:45 2022
Response via : Initial Calibration





#13
Acetone
Concen: 5.687 ug/L m
RT: 2.188 min Scan# 359
Delta R.T. -0.006 min
Lab File: VV026799.D
Acq: 15 Jul 2022 18:37

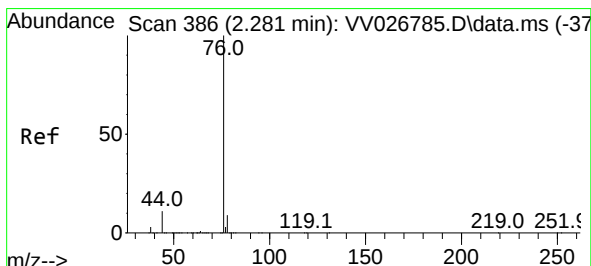
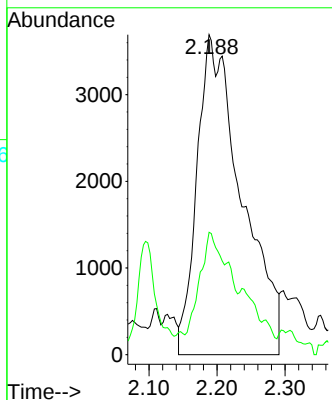
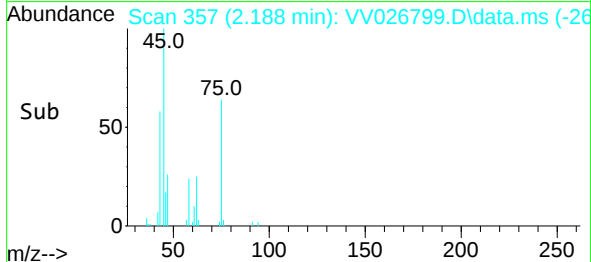
Instrument :
MSVOA_V
ClientSampleId :
H0B09



Tgt Ion: 43 Resp: 16864
Ion Ratio Lower Upper
43 100
58 17.8 0.0 20.6

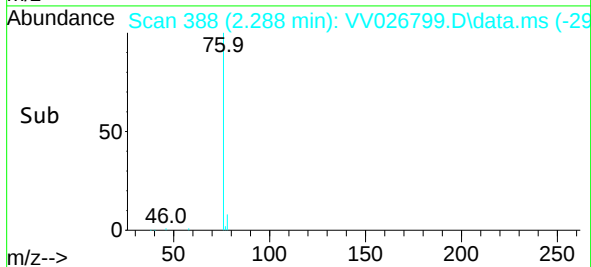
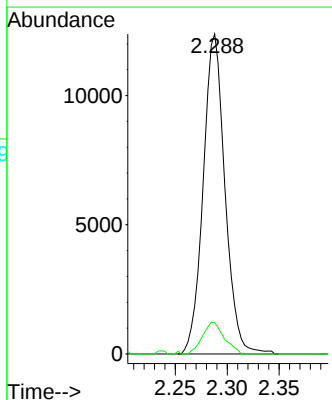
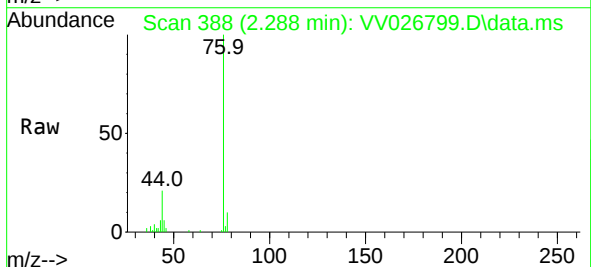
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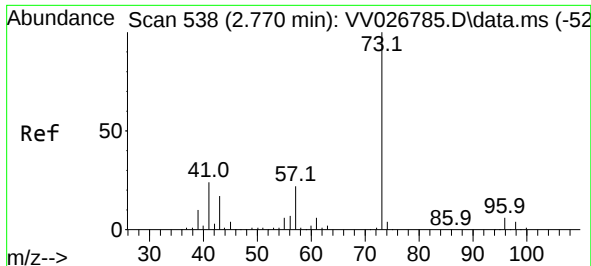
Reviewed By :John Carlone 07/18/2022
Supervised By :Mahesh Dadoda 07/18/2022



#14
Carbon disulfide
Concen: 0.282 ug/L
RT: 2.288 min Scan# 388
Delta R.T. 0.006 min
Lab File: VV026799.D
Acq: 15 Jul 2022 18:37

Tgt Ion: 76 Resp: 18015
Ion Ratio Lower Upper
76 100
78 9.9 7.7 11.5





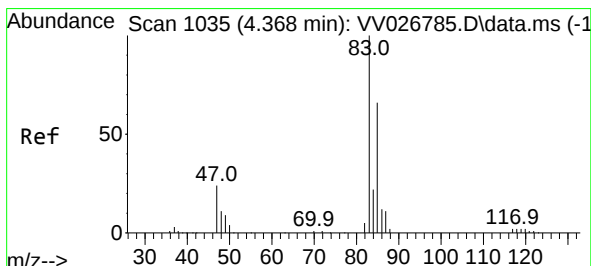
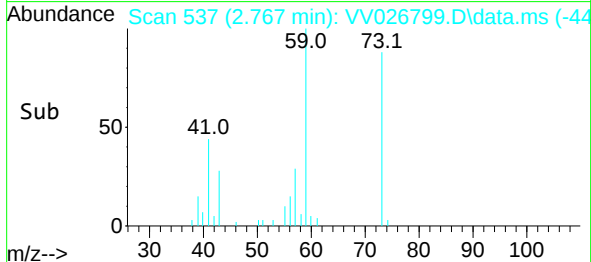
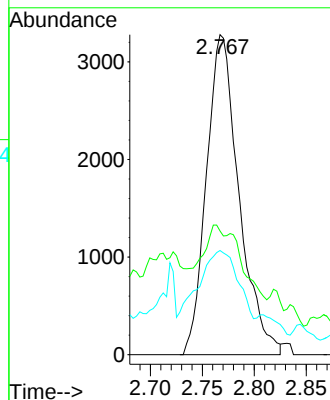
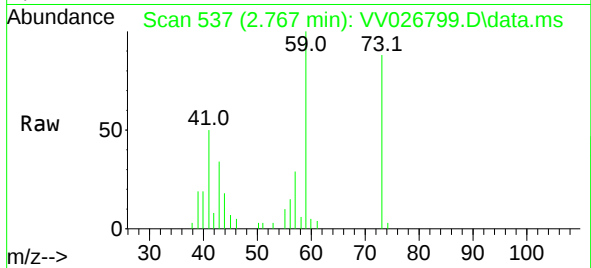
#17
Methyl tert-butyl Ether
Concen: 0.191 ug/L
RT: 2.767 min Scan# 513
Delta R.T. -0.003 min
Lab File: VV026799.D
Acq: 15 Jul 2022 18:37

Instrument :
MSVOA_V
ClientSampleId :
H0B09

Tgt Ion: 73 Resp: 7138
Ion Ratio Lower Upper
73 100
43 26.0 14.0 21.0
57 28.1 17.6 26.4

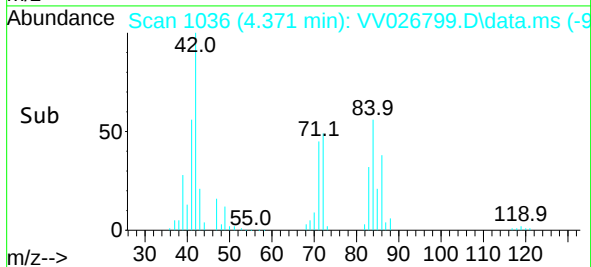
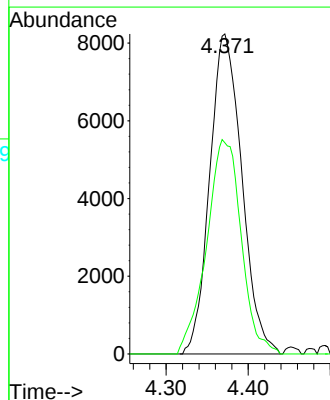
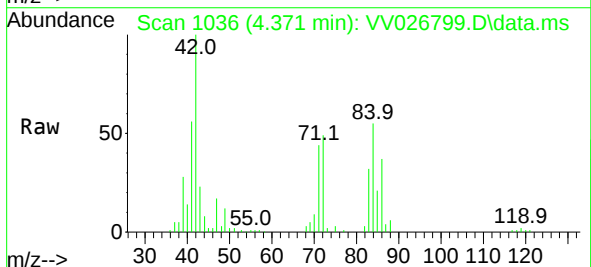
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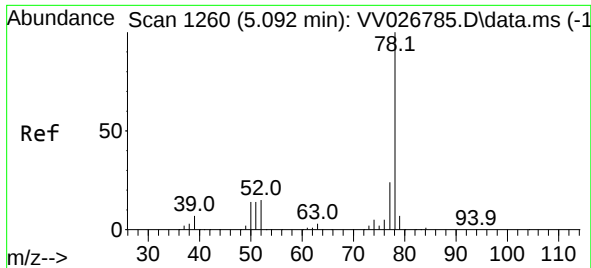
Reviewed By :John Carlone 07/18/2022
Supervised By :Mahesh Dadoda 07/18/2022



#25
Chloroform
Concen: 0.587 ug/L
RT: 4.371 min Scan# 1036
Delta R.T. 0.003 min
Lab File: VV026799.D
Acq: 15 Jul 2022 18:37

Tgt Ion: 83 Resp: 22414
Ion Ratio Lower Upper
83 100
85 66.0 45.7 84.9





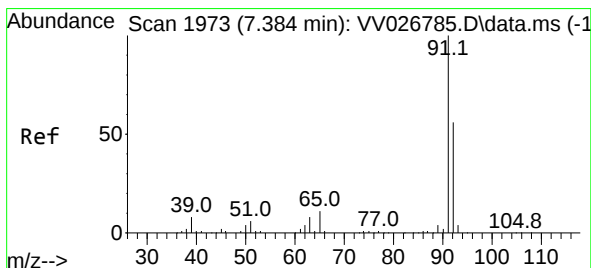
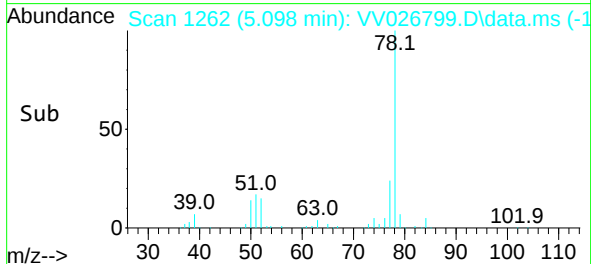
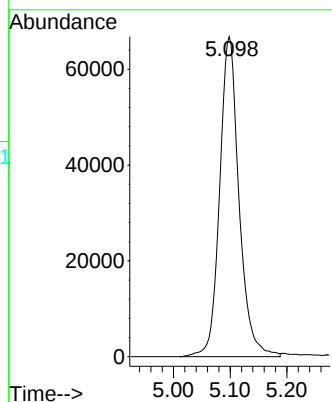
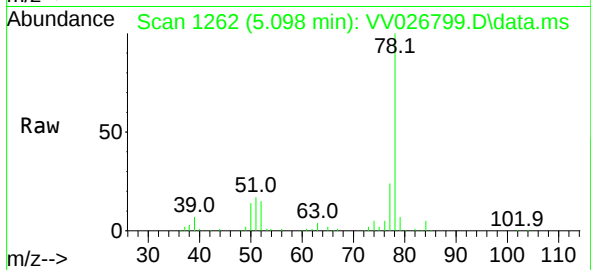
#33
Benzene
Concen: 2.050 ug/L
RT: 5.098 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV026799.D
Acq: 15 Jul 2022 18:37

Instrument :
MSVOA_V
ClientSampleId :
H0B09

Tgt Ion: 78 Resp: 15845

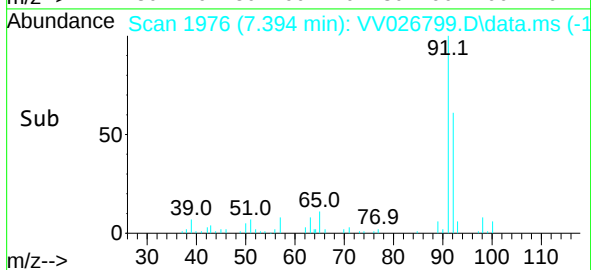
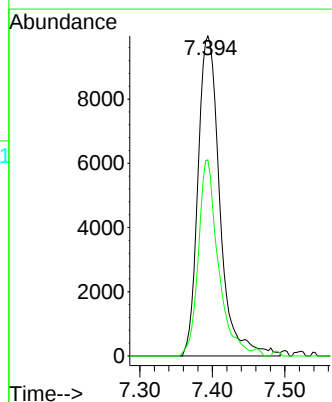
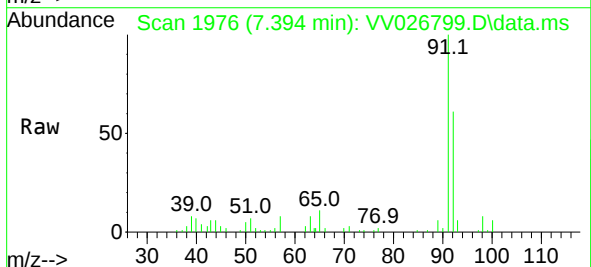
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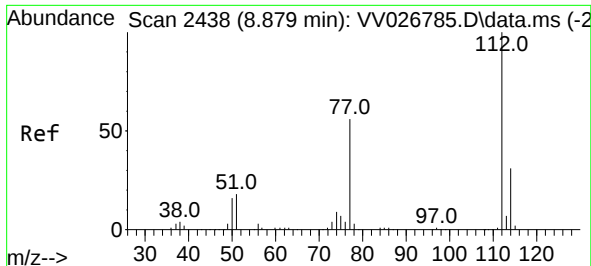
Reviewed By :John Carlone 07/18/2022
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#42
Toluene
Concen: 0.267 ug/L
RT: 7.394 min Scan# 1976
Delta R.T. 0.010 min
Lab File: VV026799.D
Acq: 15 Jul 2022 18:37

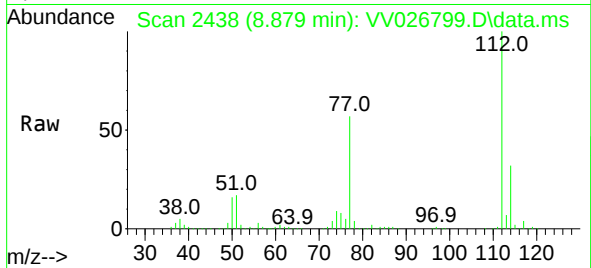
Tgt Ion: 91 Resp: 20842
Ion Ratio Lower Upper
91 100
92 61.3 40.2 74.6





#51
Chlorobenzene
Concen: 6.527 ug/L
RT: 8.879 min Scan# 2438
Delta R.T. 0.000 min
Lab File: VV026799.D
Acq: 15 Jul 2022 18:37

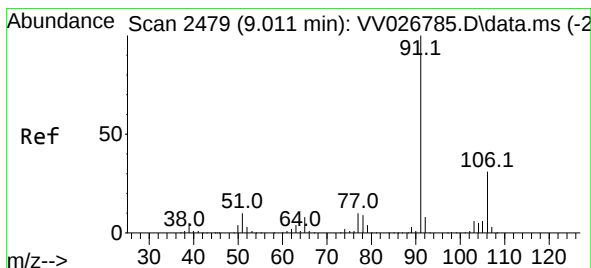
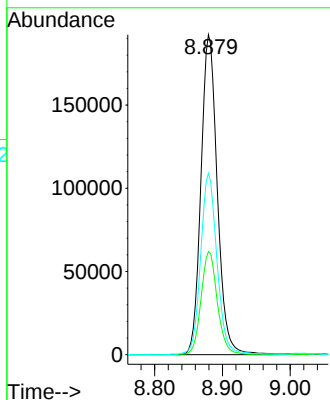
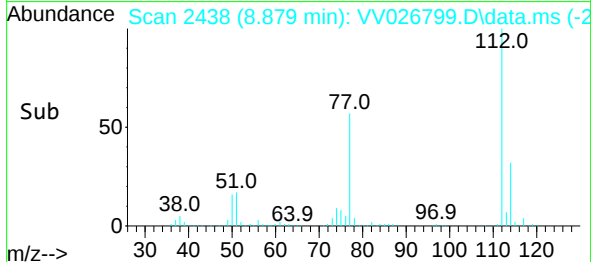
Instrument :
MSVOA_V
ClientSampleId :
H0B09



Tgt Ion:112 Resp: 32220
Ion Ratio Lower Upper
112 100
114 32.2 22.7 42.1
77 56.7 46.6 70.0

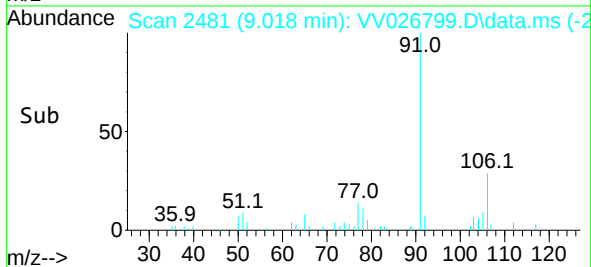
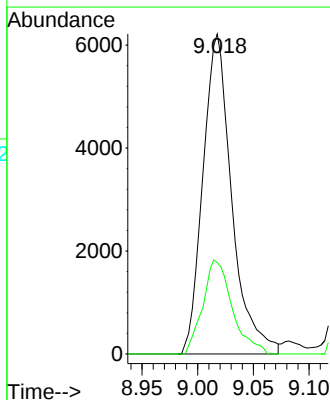
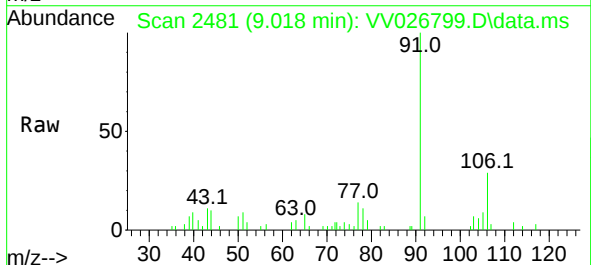
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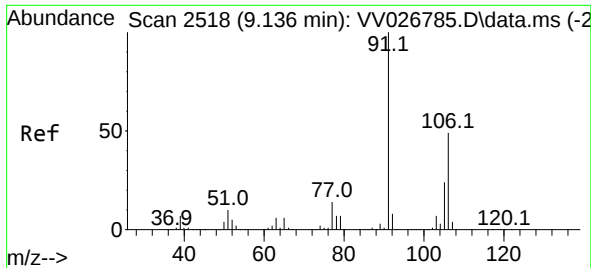
Reviewed By :John Carlone 07/18/2022
Supervised By :Mahesh Dadoda 07/18/2022



#52
Ethylbenzene
Concen: 0.145 ug/L
RT: 9.018 min Scan# 2481
Delta R.T. 0.006 min
Lab File: VV026799.D
Acq: 15 Jul 2022 18:37

Tgt Ion: 91 Resp: 11187
Ion Ratio Lower Upper
91 100
106 28.6 21.6 40.2





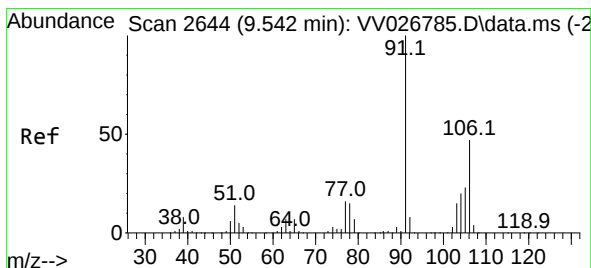
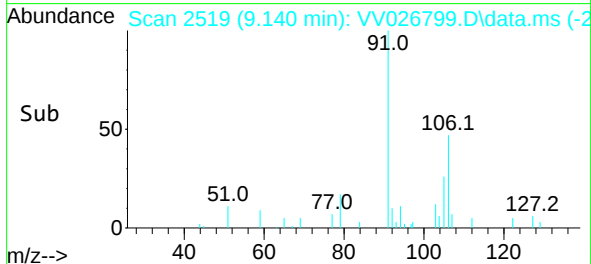
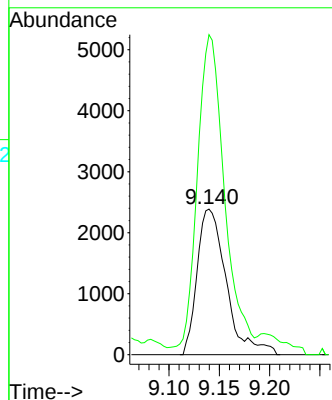
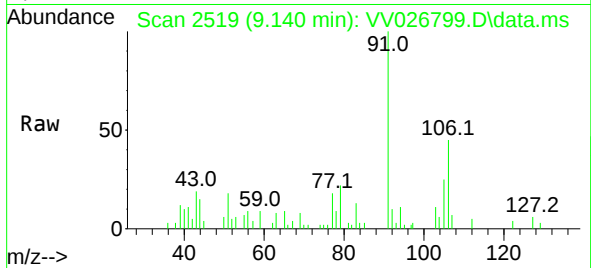
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m,p-Xylene
Concen: 0.160 ug/L
RT: 9.140 min Scan# 2518
Delta R.T. 0.003 min
Lab File: VV026799.D
Acq: 15 Jul 2022 18:37

Instrument :
MSVOA_V
ClientSampleId :
H0B09

Tgt Ion:106 Resp: 4810
Ion Ratio Lower Upper
106 100
91 219.8 139.3 258.7

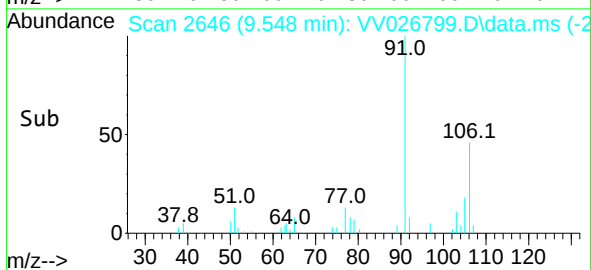
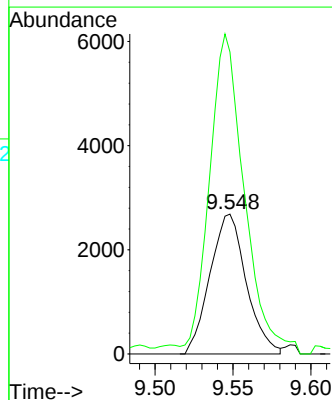
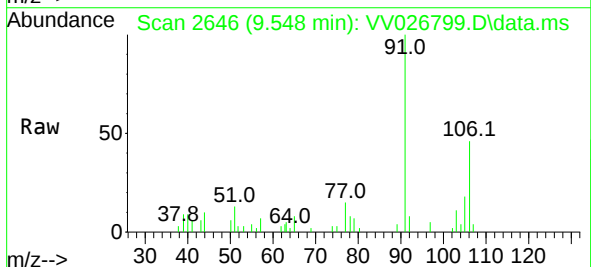
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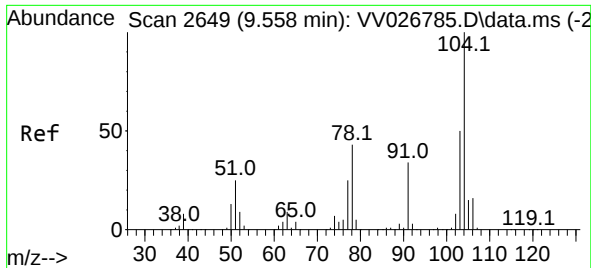
Reviewed By :John Carlone 07/18/2022
Supervised By :Mahesh Dadoda 07/18/2022



#54
o-Xylene
Concen: 0.152 ug/L
RT: 9.548 min Scan# 2646
Delta R.T. 0.006 min
Lab File: VV026799.D
Acq: 15 Jul 2022 18:37

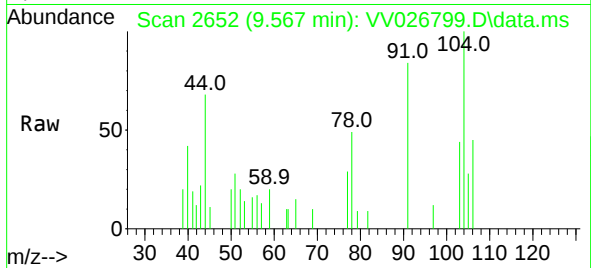
Tgt Ion:106 Resp: 4348
Ion Ratio Lower Upper
106 100
91 216.0 151.1 280.7





#55
Styrene
Concen: 0.055 ug/L
RT: 9.567 min Scan# 21
Delta R.T. 0.010 min
Lab File: VV026799.D
Acq: 15 Jul 2022 18:37

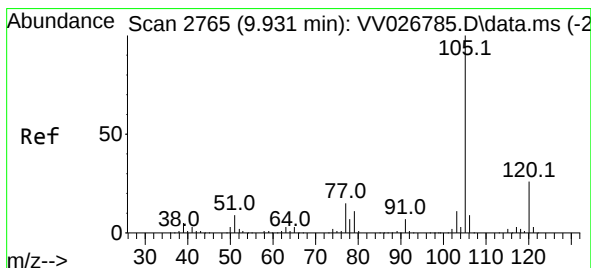
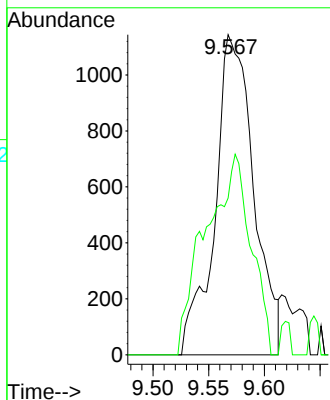
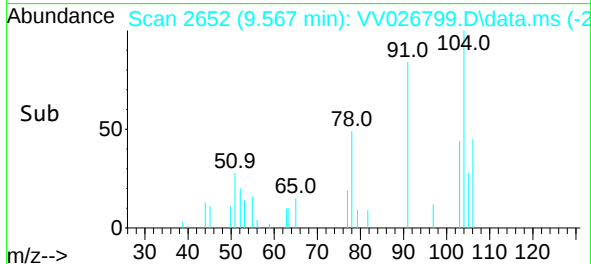
Instrument :
MSVOA_V
ClientSampleId :
H0B09



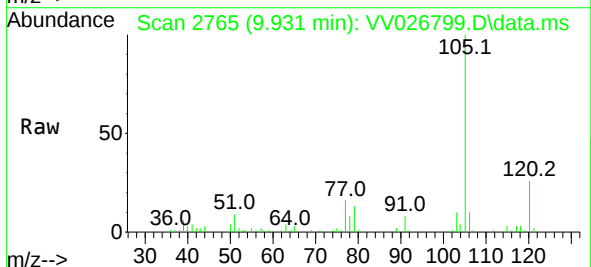
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Ion Ratio Lower Upper
104 100
78 49.0 29.5 54.9

Manual Integrations
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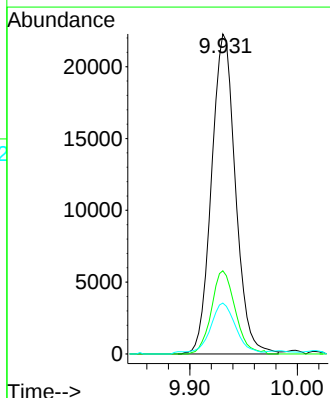
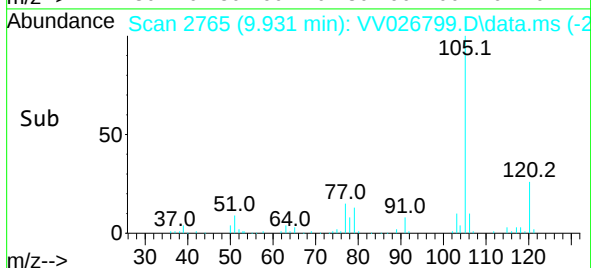
Reviewed By :John Carlone 07/18/2022
Supervised By :Mahesh Dadoda 07/18/2022

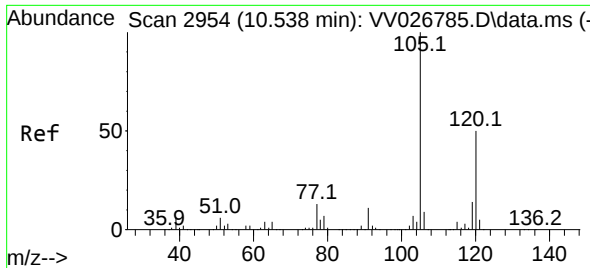


#60
Isopropylbenzene
Concen: 0.463 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. 0.000 min
Lab File: VV026799.D
Acq: 15 Jul 2022 18:37



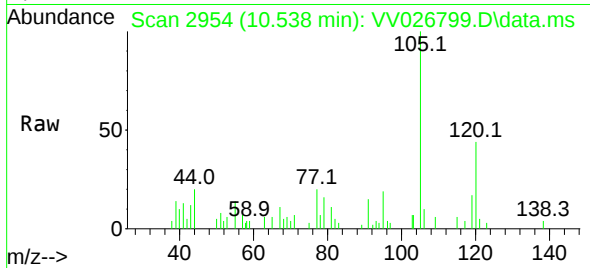
Tgt Ion:105 Resp: 34427
Ion Ratio Lower Upper
105 100
120 25.9 20.7 31.1
77 17.1 12.5 18.7





#62
1,3,5-Trimethylbenzene
Concen: 0.110 ug/L
RT: 10.538 min Scan# 2954
Delta R.T. 0.000 min
Lab File: VV026799.D
Acq: 15 Jul 2022 18:37

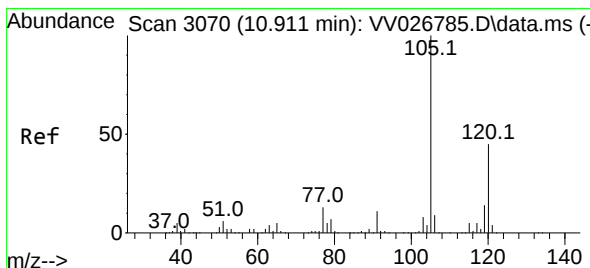
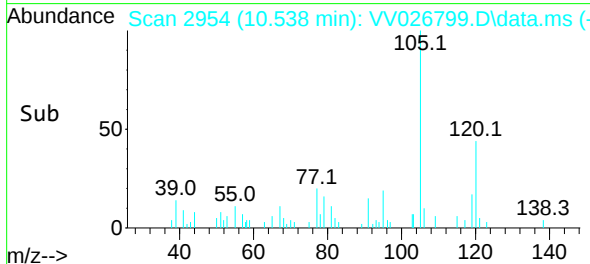
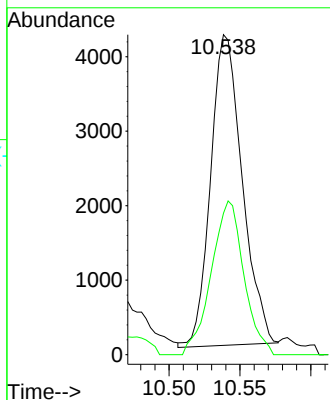
Instrument :
MSVOA_V
ClientSampleId :
H0B09



Tgt Ion:105 Resp: 6474
Ion Ratio Lower Upper
105 100
120 50.8 39.6 59.4

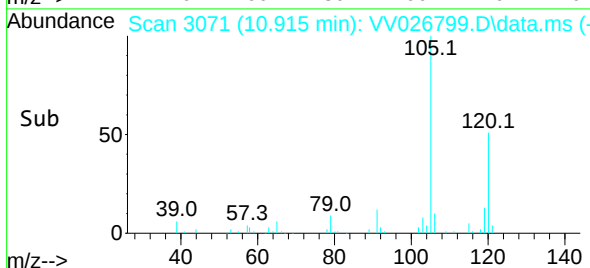
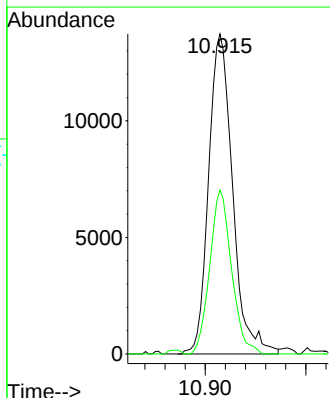
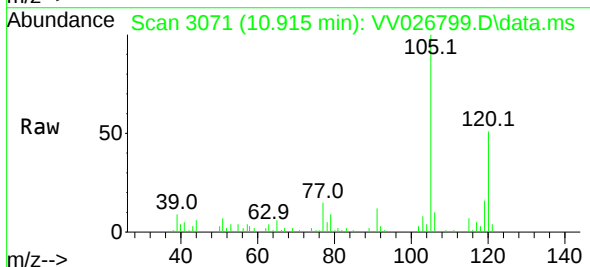
Manual Integrations
APPROVED

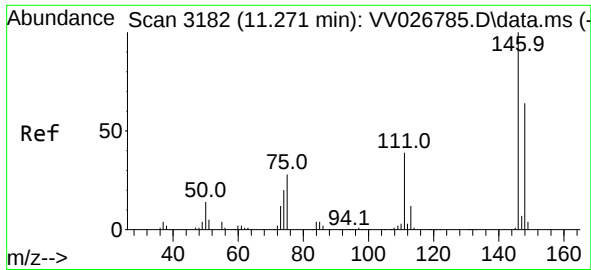
Reviewed By :John Carlone 07/18/2022
Supervised By :Mahesh Dadoda 07/18/2022



#63
1,2,4-Trimethylbenzene
Concen: 0.378 ug/L
RT: 10.915 min Scan# 3071
Delta R.T. 0.003 min
Lab File: VV026799.D
Acq: 15 Jul 2022 18:37

Tgt Ion:105 Resp: 22716
Ion Ratio Lower Upper
105 100
120 46.6 36.8 55.2





#65

1,4-Dichlorobenzene

Concen: 0.904 ug/L

RT: 11.271 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV026799.D

Acq: 15 Jul 2022 18:37

Instrument :

MSVOA_V

ClientSampleId :

H0B09

Tgt Ion:146 Resp: 3346

Ion Ratio Lower Upper

146 100

111 39.7 26.8 49.8

148 60.1 43.3 80.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/18/2022

Supervised By :Mahesh Dadoda 07/18/2022

