

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW092822\
 Data File : VW028156.D
 Acq On : 28 Sep 2022 14:00
 Operator : SY/MD
 Sample : N4820-12
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 CB8P1

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 09/29/2022
 Supervised By :Mahesh Dadoda 09/29/2022

Quant Time: Sep 29 01:27:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 29 01:25:35 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	172489	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	170010	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	96870	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.298	65	50681	2.834	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	56.600%
7) Chloroethane-d5	1.561	69	48357	3.401	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	68.000%
11) 1,1-Dichloroethene-d2	2.098	63	70049	2.259	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	45.200%#
20) 2-Butanone-d5	3.915	46	147880	48.983	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.960%
24) Chloroform-d	4.343	84	123126	4.315	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.200%
26) 1,2-Dichloroethane-d4	5.031	65	61208	4.508	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.200%
32) Benzene-d6	5.047	84	222488	3.991	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.800%
36) 1,2-Dichloropropane-d6	6.066	67	75705	4.356	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.200%
41) Toluene-d8	7.314	98	174834	3.465	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	69.200%#
43) trans-1,3-Dichloroprop...	7.622	79	25848	4.118	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.400%
46) 2-Hexanone-d5	8.088	63	147350	56.240	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.480%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	65605	5.523	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.400%
66) 1,2-Dichlorobenzene-d4	11.622	152	89439	4.707	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.200%
Target Compounds						
5) Vinyl chloride	1.301	62	2859	0.214	ug/L #	47
13) Acetone	2.217	43	25780m	11.086	ug/L	
14) Carbon disulfide	2.285	76	5551	0.243	ug/L #	94
17) Methyl tert-butyl Ether	2.770	73	33566	1.309	ug/L	98
18) trans-1,2-Dichloroethene	2.757	96	1141	0.109	ug/L	73
30) Cyclohexane	4.671	56	4159	0.275	ug/L #	75
33) Benzene	5.101	78	20325	0.431	ug/L	100
35) Methylcyclohexane	6.124	83	15607	0.968	ug/L	97
42) Toluene	7.391	91	11272	0.229	ug/L	94
51) Chlorobenzene	8.876	112	1640935	49.681	ug/L	100
52) Ethylbenzene	9.014	91	3404	0.065	ug/L	89
53) m,p-Xylene	9.143	106	7112	0.356	ug/L	94
54) o-Xylene	9.545	106	6004	0.305	ug/L	91
60) Isopropylbenzene	9.928	105	72036	1.267	ug/L #	86
62) 1,3,5-Trimethylbenzene	10.535	105	3229	0.202	ug/L #	84
63) 1,2,4-Trimethylbenzene	10.915	105	7043	0.157	ug/L	89
64) 1,3-Dichlorobenzene	11.182	146	25787	0.911	ug/L	96
65) 1,4-Dichlorobenzene	11.272	146	57635	2.036	ug/L	96

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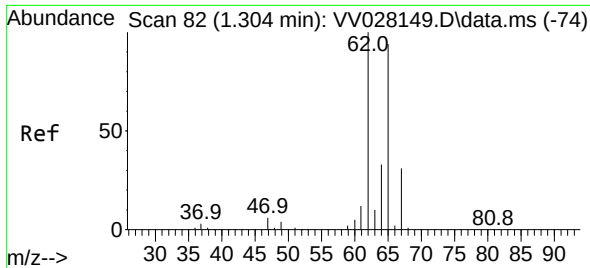
Manual Integrations
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 Supervised By :Mahesh Dadoda 09/29/2022

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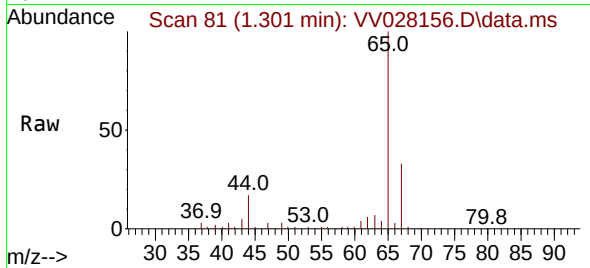
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#5
 Vinyl chloride
 Concen: 0.214 ug/L
 RT: 1.301 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VV028156.D
 Acq: 28 Sep 2022 14:00

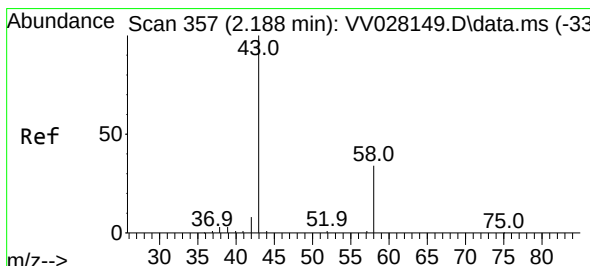
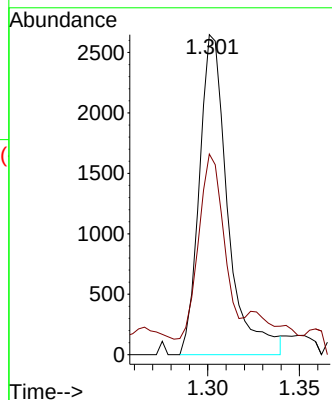
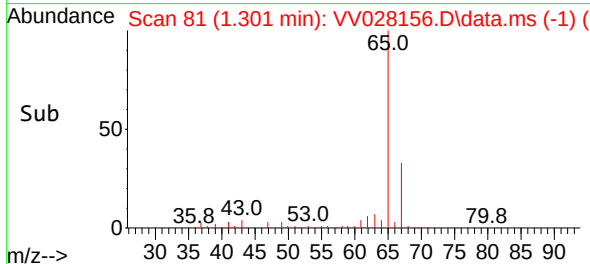
Instrument :
 MSVOA_V
 ClientSampleId :
 CB8P1



Tgt Ion: 62 Resp: 2859
 Ion Ratio Lower Upper
 62 100
 64 62.7 23.0 42.8

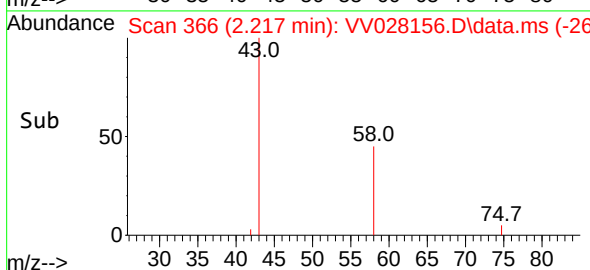
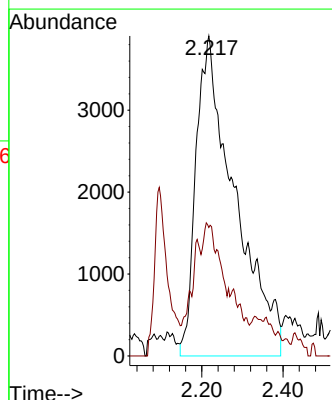
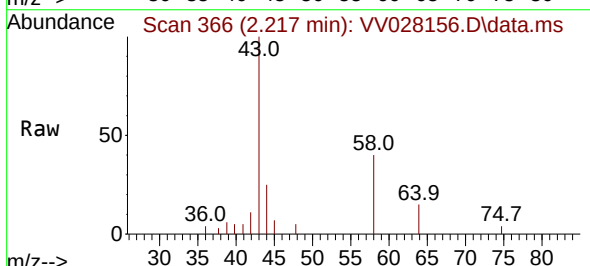
Manual Integrations
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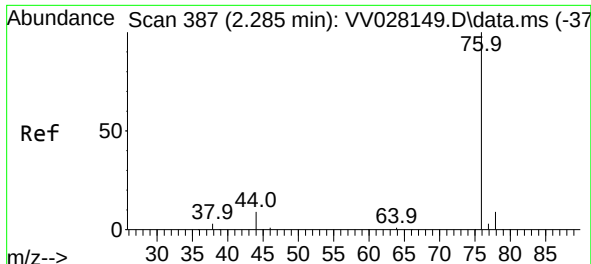
Reviewed By :Krupa Patel 09/29/2022
 Supervised By :Mahesh Dadoda 09/29/2022



#13
 Acetone
 Concen: 11.086 ug/L m
 RT: 2.217 min Scan# 366
 Delta R.T. 0.029 min
 Lab File: VV028156.D
 Acq: 28 Sep 2022 14:00

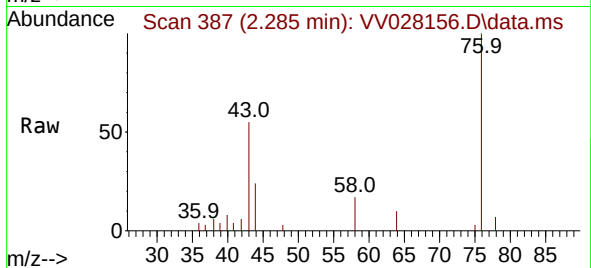
Tgt Ion: 43 Resp: 25780
 Ion Ratio Lower Upper
 43 100
 58 10.5 0.0 65.6





#14
Carbon disulfide
Concen: 0.243 ug/L
RT: 2.285 min Scan# 387
Delta R.T. 0.000 min
Lab File: VV028156.D
Acq: 28 Sep 2022 14:00

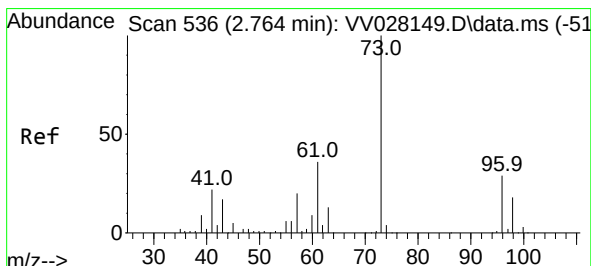
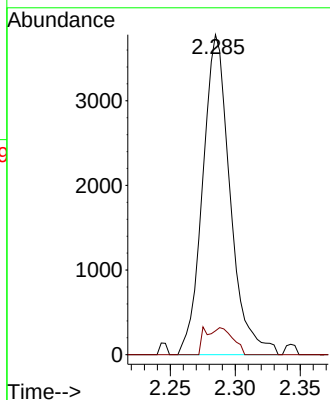
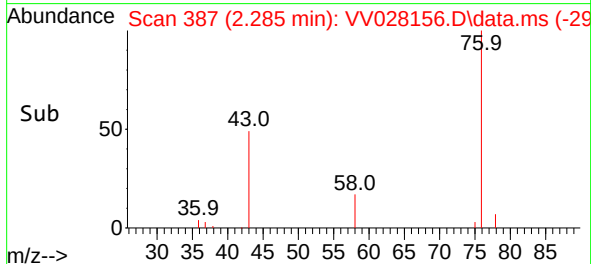
Instrument :
MSVOA_V
ClientSampleId :
CB8P1



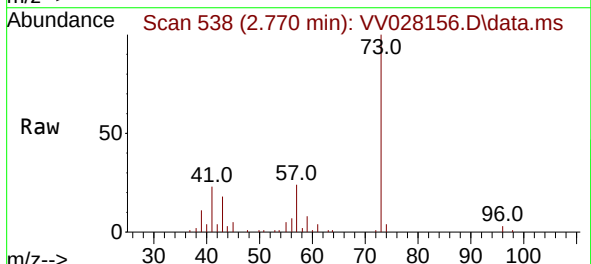
Tgt Ion: 76 Resp: 555
Ion Ratio Lower Upper
76 100
78 7.5 7.6 11.4

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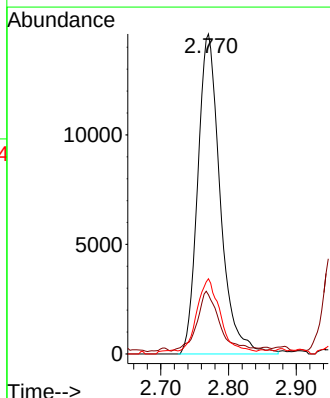
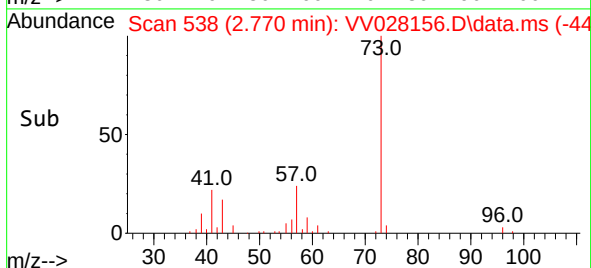
Reviewed By :Krupa Patel 09/29/2022
Supervised By :Mahesh Dadoda 09/29/2022

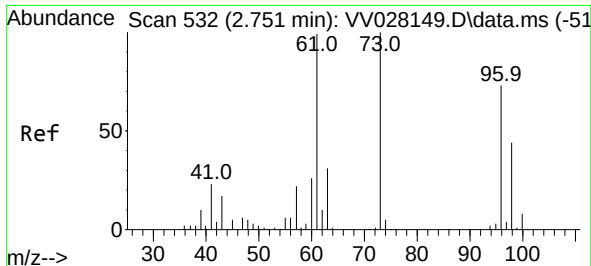


#17
Methyl tert-butyl Ether
Concen: 1.309 ug/L
RT: 2.770 min Scan# 538
Delta R.T. 0.006 min
Lab File: VV028156.D
Acq: 28 Sep 2022 14:00



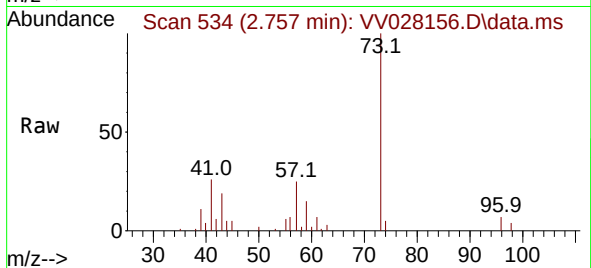
Tgt Ion: 73 Resp: 33566
Ion Ratio Lower Upper
73 100
43 19.0 15.7 23.5
57 23.6 17.8 26.8





#18
trans-1,2-Dichloroethene
Concen: 0.109 ug/L
RT: 2.757 min Scan# 511
Delta R.T. 0.006 min
Lab File: VV028156.D
Acq: 28 Sep 2022 14:00

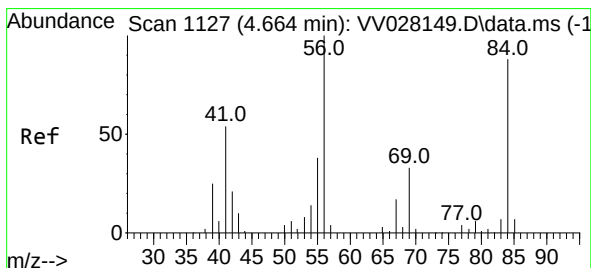
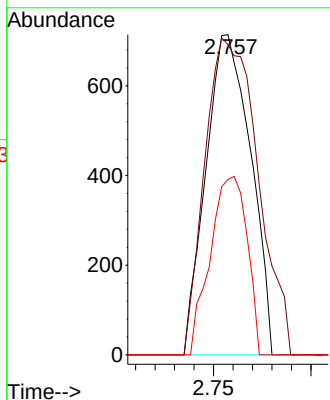
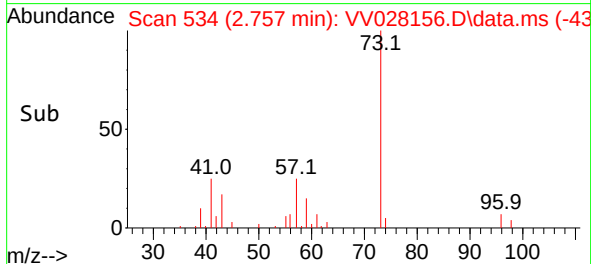
Instrument :
MSVOA_V
ClientSampleId :
CB8P1



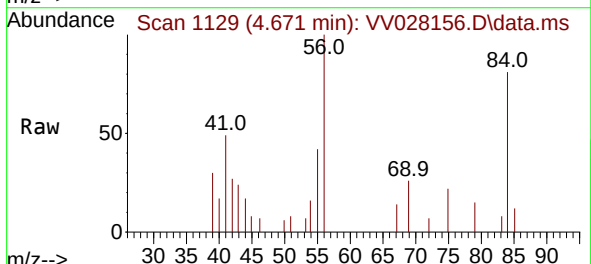
Tgt Ion: 96 Resp: 114
Ion Ratio Lower Upper
96 100
61 96.9 96.2 178.6
98 54.8 45.7 84.9

Manual Integrations
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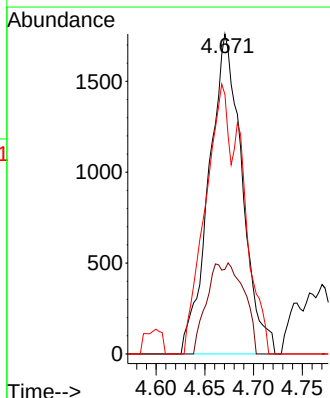
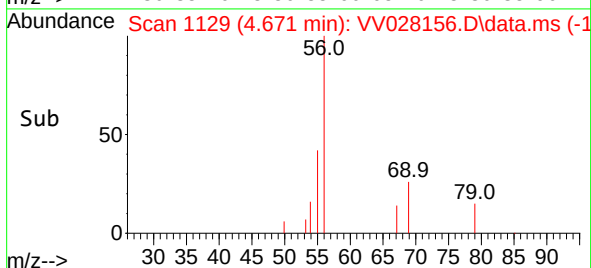
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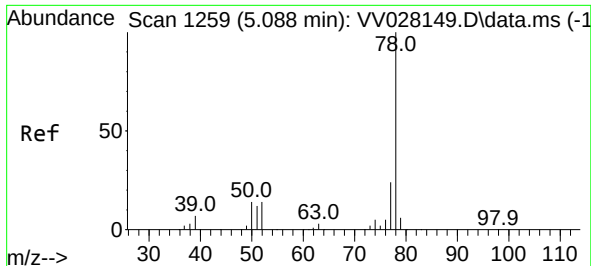


#30
Cyclohexane
Concen: 0.275 ug/L
RT: 4.671 min Scan# 1129
Delta R.T. 0.006 min
Lab File: VV028156.D
Acq: 28 Sep 2022 14:00



Tgt Ion: 56 Resp: 4159
Ion Ratio Lower Upper
56 100
69 14.0 23.7 35.5#
84 62.2 67.3 100.9#





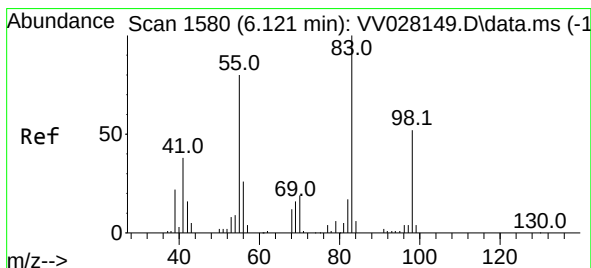
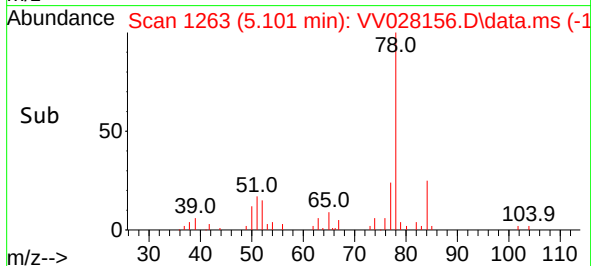
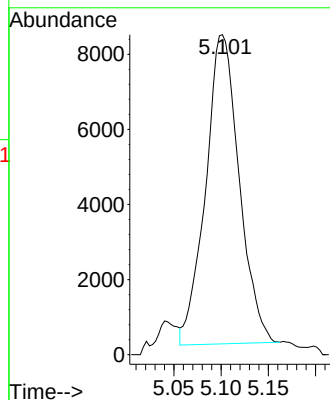
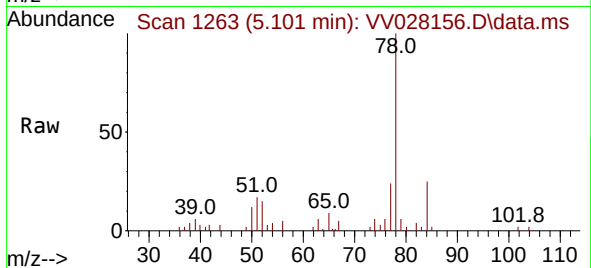
#33
Benzene
Concen: 0.431 ug/L
RT: 5.101 min Scan# 11
Delta R.T. 0.013 min
Lab File: VV028156.D
Acq: 28 Sep 2022 14:00

Instrument :
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ClientSampleId :
CB8P1

Tgt Ion: 78 Resp: 2032

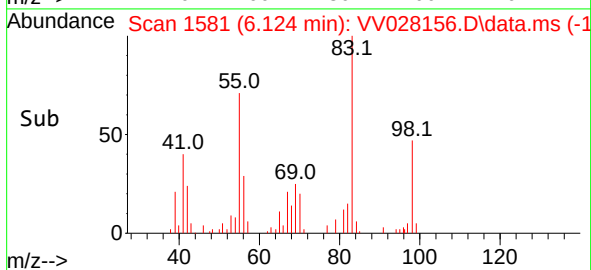
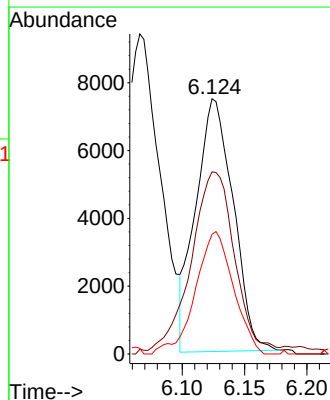
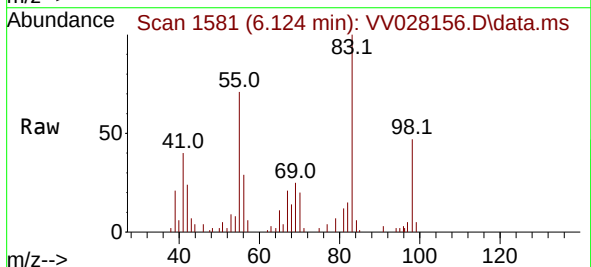
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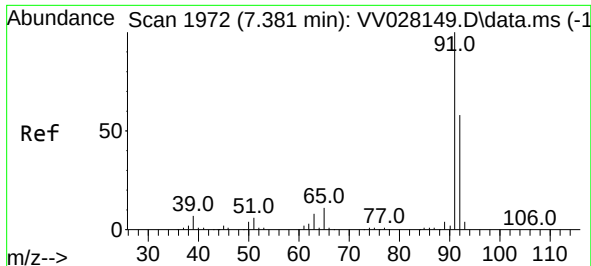
Reviewed By :Krupa Patel 09/29/2022
Supervised By :Mahesh Dadoda 09/29/2022



#35
Methylcyclohexane
Concen: 0.968 ug/L
RT: 6.124 min Scan# 1581
Delta R.T. 0.003 min
Lab File: VV028156.D
Acq: 28 Sep 2022 14:00

Tgt Ion: 83 Resp: 15607
Ion Ratio Lower Upper
83 100
55 84.6 64.7 97.1
98 49.0 39.5 59.3





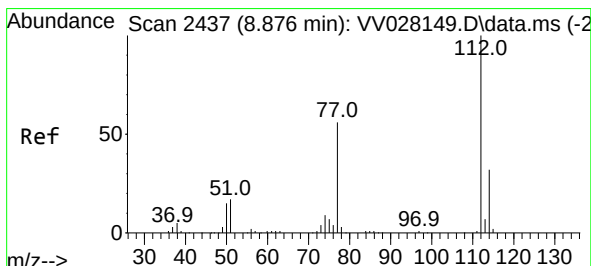
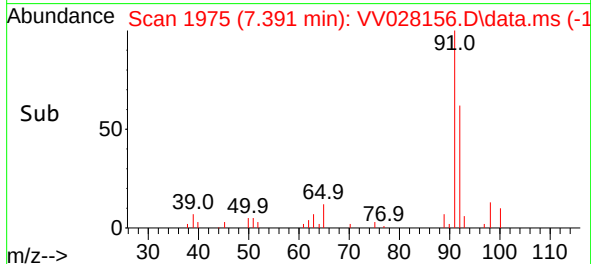
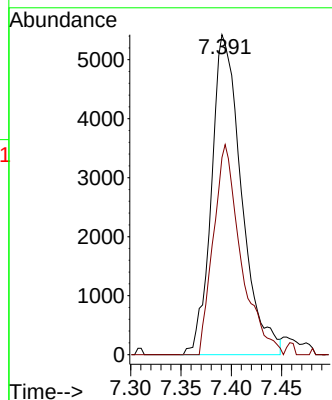
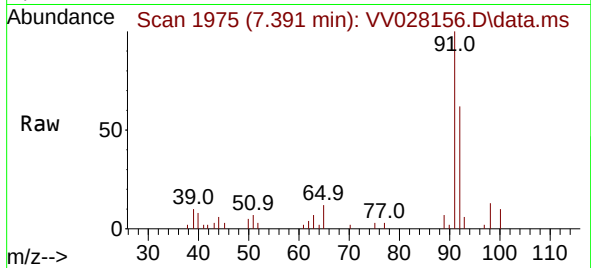
#42
Toluene
Concen: 0.229 ug/L
RT: 7.391 min Scan# 1972
Delta R.T. 0.010 min
Lab File: VV028156.D
Acq: 28 Sep 2022 14:00

Instrument :
MSVOA_V
ClientSampleId :
CB8P1

Tgt Ion: 91 Resp: 11272
Ion Ratio Lower Upper
91 100
92 61.6 40.2 74.6

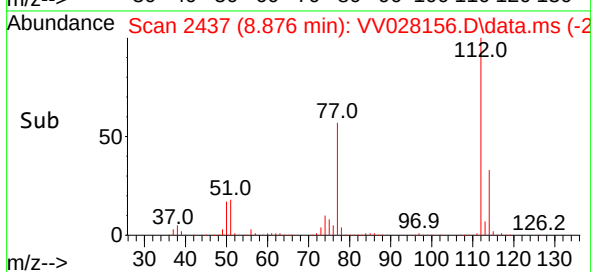
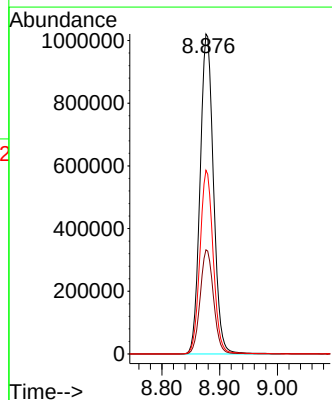
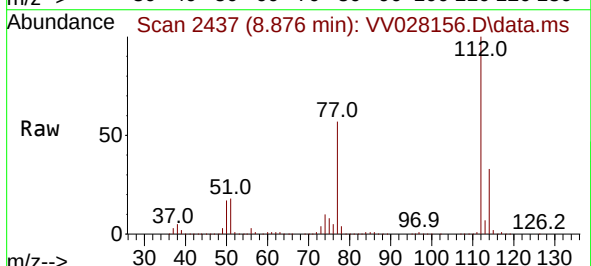
Manual Integrations
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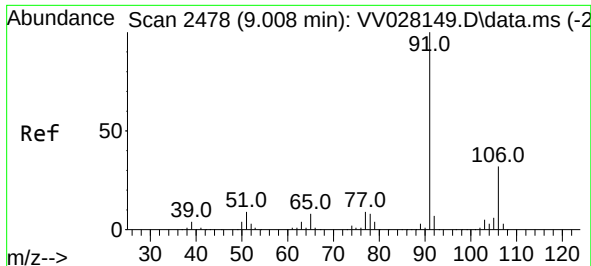
Reviewed By :Krupa Patel 09/29/2022
Supervised By :Mahesh Dadoda 09/29/2022



#51
Chlorobenzene
Concen: 49.681 ug/L
RT: 8.876 min Scan# 2437
Delta R.T. 0.000 min
Lab File: VV028156.D
Acq: 28 Sep 2022 14:00

Tgt Ion:112 Resp: 1640935
Ion Ratio Lower Upper
112 100
114 32.6 22.5 41.7
77 57.4 46.1 69.1





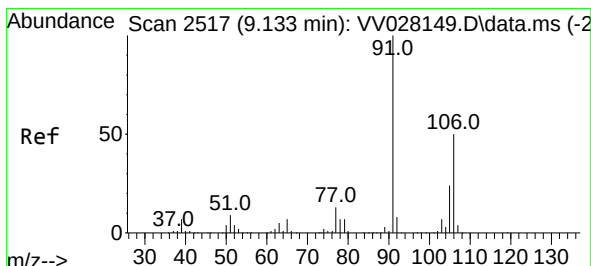
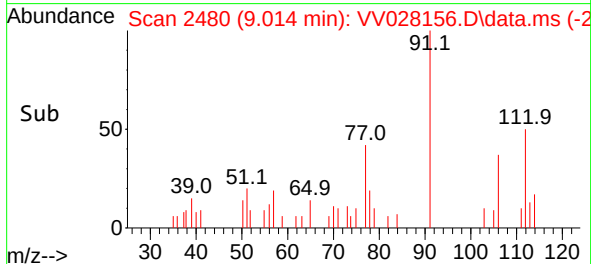
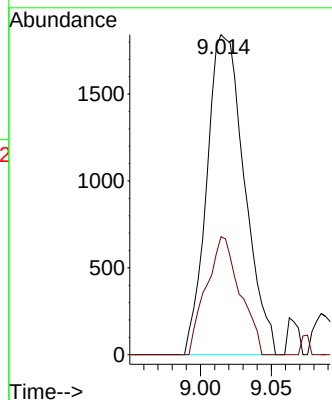
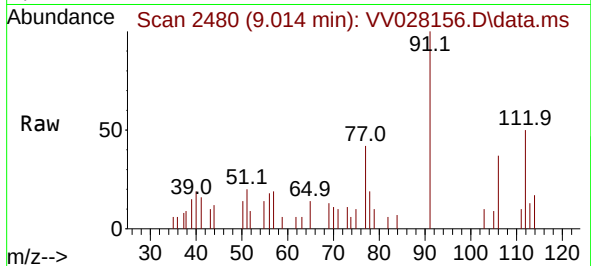
#52
Ethylbenzene
Concen: 0.065 ug/L
RT: 9.014 min Scan# 2478
Delta R.T. 0.006 min
Lab File: VV028156.D
Acq: 28 Sep 2022 14:00

Instrument :
MSVOA_V
ClientSampleId :
CB8P1

Tgt Ion: 91 Resp: 340
Ion Ratio Lower Upper
91 100
106 36.9 21.5 39.9

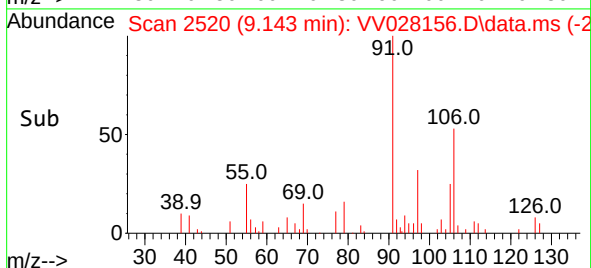
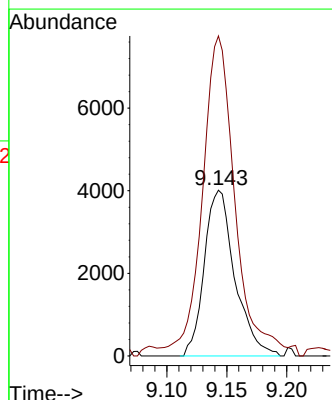
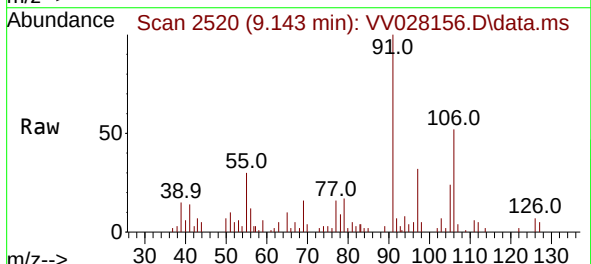
Manual Integrations
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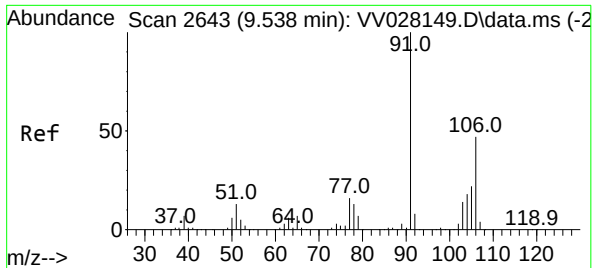
Reviewed By :Krupa Patel 09/29/2022
Supervised By :Mahesh Dadoda 09/29/2022



#53
m,p-Xylene
Concen: 0.356 ug/L
RT: 9.143 min Scan# 2520
Delta R.T. 0.010 min
Lab File: VV028156.D
Acq: 28 Sep 2022 14:00

Tgt Ion:106 Resp: 7112
Ion Ratio Lower Upper
106 100
91 193.0 141.9 263.5





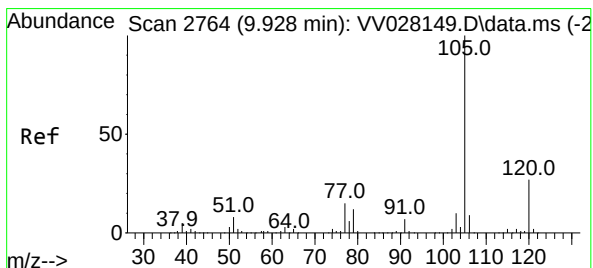
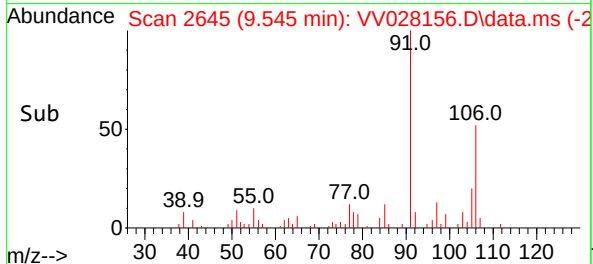
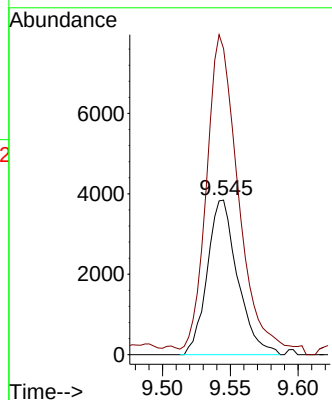
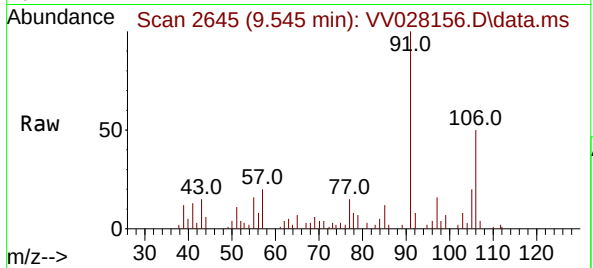
#54
o-Xylene
Concen: 0.305 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.006 min
Lab File: VV028156.D
Acq: 28 Sep 2022 14:00

Instrument :
MSVOA_V
ClientSampleId :
CB8P1

Tgt Ion:106 Resp: 6004
Ion Ratio Lower Upper
106 100
91 198.1 148.1 275.0

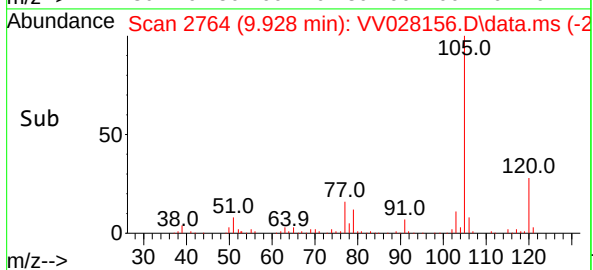
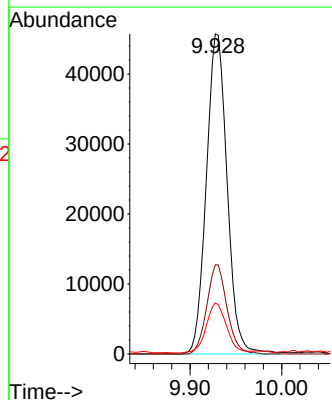
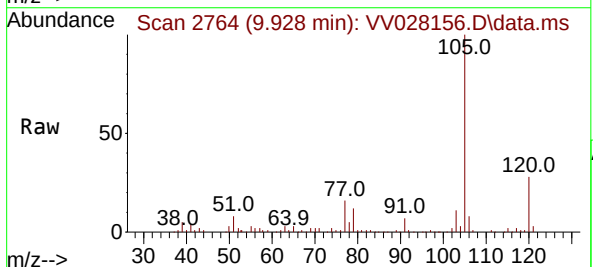
Manual Integrations
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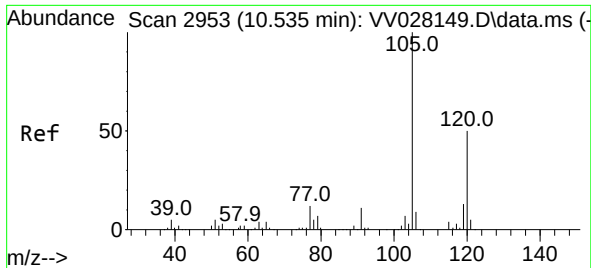
Reviewed By :Krupa Patel 09/29/2022
Supervised By :Mahesh Dadoda 09/29/2022



#60
Isopropylbenzene
Concen: 1.267 ug/L
RT: 9.928 min Scan# 2764
Delta R.T. 0.000 min
Lab File: VV028156.D
Acq: 28 Sep 2022 14:00

Tgt Ion:105 Resp: 72036
Ion Ratio Lower Upper
105 100
120 27.1 21.4 32.0
77 0.0 12.2 18.4





#62

1,3,5-Trimethylbenzene

Concen: 0.202 ug/L

RT: 10.535 min Scan# 2953

Delta R.T. 0.000 min

Lab File: VV028156.D

Acq: 28 Sep 2022 14:00

Instrument :

MSVOA_V

ClientSampleId :

CB8P1

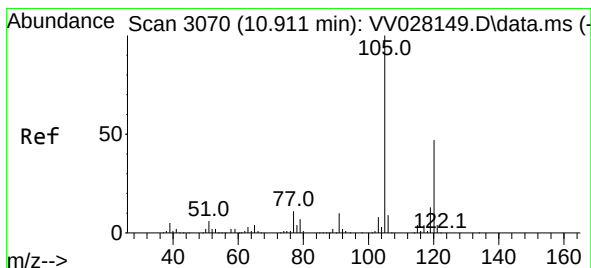
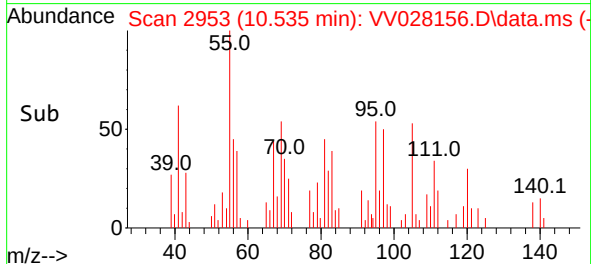
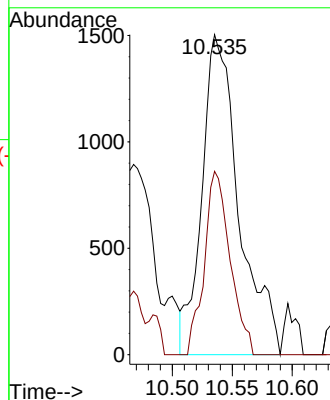
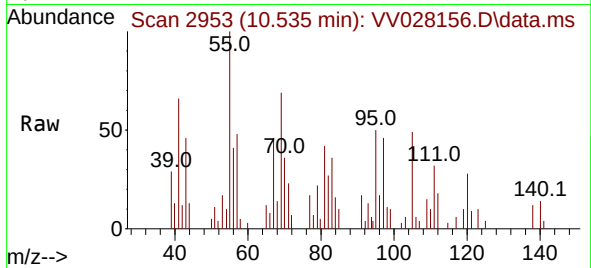
Tgt Ion:105 Resp: 3229
 Ion Ratio Lower Upper
 105 100
 120 39.8 40.6 61.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/29/2022

Supervised By :Mahesh Dadoda 09/29/2022



#63

1,2,4-Trimethylbenzene

Concen: 0.157 ug/L

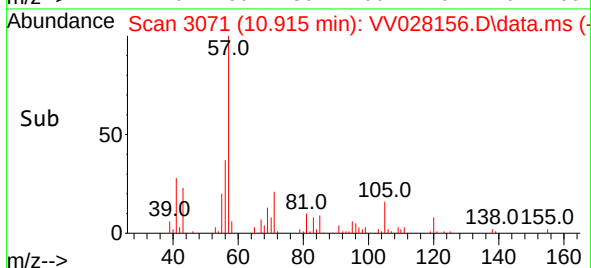
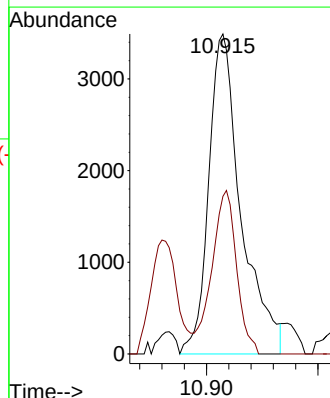
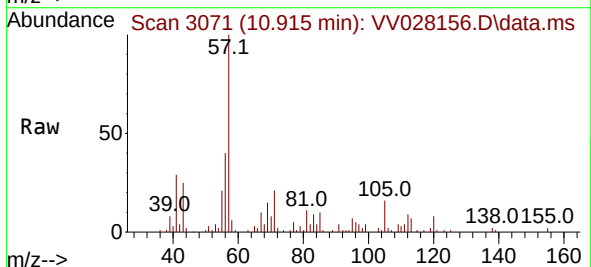
RT: 10.915 min Scan# 3071

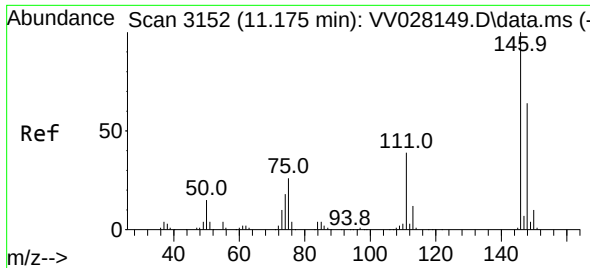
Delta R.T. 0.003 min

Lab File: VV028156.D

Acq: 28 Sep 2022 14:00

Tgt Ion:105 Resp: 7043
 Ion Ratio Lower Upper
 105 100
 120 39.6 37.8 56.8





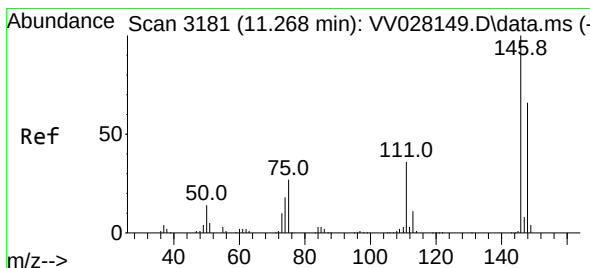
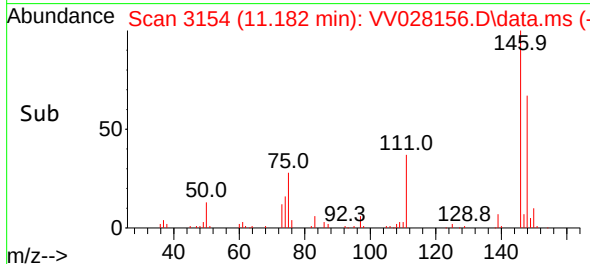
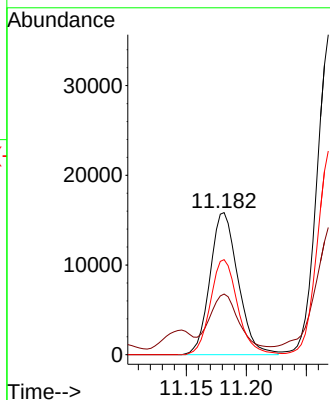
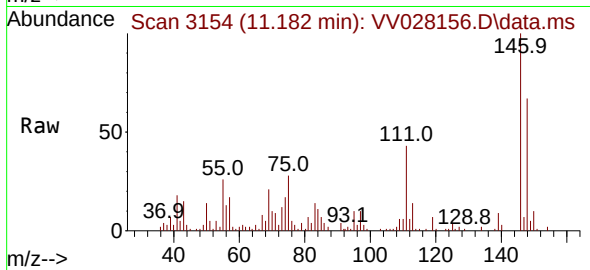
#64
1,3-Dichlorobenzene
Concen: 0.911 ug/L
RT: 11.182 min Scan# 3152
Delta R.T. 0.006 min
Lab File: VV028156.D
Acq: 28 Sep 2022 14:00

Instrument :
MSVOA_V
ClientSampleId :
CB8P1

Tgt Ion:146 Resp: 2578
Ion Ratio Lower Upper
146 100
111 42.7 27.1 50.3
148 66.9 45.7 84.9

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 09/29/2022
Supervised By :Mahesh Dadoda 09/29/2022



#65
1,4-Dichlorobenzene
Concen: 2.036 ug/L
RT: 11.272 min Scan# 3182
Delta R.T. 0.003 min
Lab File: VV028156.D
Acq: 28 Sep 2022 14:00

Tgt Ion:146 Resp: 57635
Ion Ratio Lower Upper
146 100
111 40.2 26.2 48.8
148 62.5 45.8 85.2

