

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120621\
 Data File : VW023799.D
 Acq On : 06 Dec 2021 15:45
 Operator : SY/MD
 Sample : M4879-07
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0G35

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 12/09/2021
 Supervised By :Semsettin Yesilyurt 12/09/2021

Quant Time: Dec 09 15:42:10 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 02 02:08:23 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	157029	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	151979	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	82692	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	6090	0.472	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	9.400%#
7) Chloroethane-d5	1.564	69	10057	0.993	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	19.800%#
11) 1,1-Dichloroethene-d2	2.108	63	6689	0.294	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	5.800%#
20) 2-Butanone-d5	3.889	46	120597	77.821	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	155.640%#
24) Chloroform-d	4.355	84	34415	1.533	ug/L	0.01
Spiked Amount	5.000	Range	70 - 125	Recovery	=	30.600%#
26) 1,2-Dichloroethane-d4	5.040	65	21060	2.008	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	40.200%#
32) Benzene-d6	5.053	84	30606	0.739	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	14.800%#
36) 1,2-Dichloropropane-d6	6.072	67	17635	1.519	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	30.400%#
41) Toluene-d8	7.320	98	20502	0.530	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	10.600%#
43) trans-1,3-Dichloroprop...	7.625	79	8484	1.813	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	36.200%#
46) 2-Hexanone-d5	8.088	63	99938	64.294	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	128.580%
56) 1,1,2,2-Tetrachloroeth...	10.220	84	32867	3.935	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	78.800%
66) 1,2-Dichlorobenzene-d4	11.625	152	24368	1.667	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	33.400%#
Target Compounds						
5) Vinyl chloride	1.307	62	5565	0.409	ug/L	97
13) Acetone	2.185	43	263010	188.612	ug/L	77
14) Carbon disulfide	2.294	76	3490	0.099	ug/L	97
18) trans-1,2-Dichloroethene	2.760	96	218686	18.249	ug/L	94
21) 2-Butanone	3.969	43	388022	219.848	ug/L	84
22) cis-1,2-Dichloroethene	3.908	96	2749940	239.287	ug/L #	98
30) Cyclohexane	4.683	56	4787542	288.860	ug/L	99
34) Trichloroethene	5.921	95	9697019	835.480	ug/L	95
35) Methylcyclohexane	6.133	83	1820014	100.582	ug/L	97
40) 4-Methyl-2-pentanone	7.233	43	21466	4.366	ug/L #	84
42) Toluene	7.387	91	359485	7.651	ug/L	98
47) Tetrachloroethene	8.005	164	19854939	1879.420	ug/L	87
52) Ethylbenzene	9.014	91	6044186	123.057	ug/L	99
53) m,p-xylene	9.149	106	10590556	541.758	ug/L	61
54) o-xylene	9.545	106	1451923	78.100	ug/L	98
60) Isopropylbenzene	9.934	105	1488691	30.151	ug/L #	67
62) 1,3,5-Trimethylbenzene	10.548	105	9307305	226.533	ug/L	98
63) 1,2,4-Trimethylbenzene	10.921	105	23572657m	580.176	ug/L	

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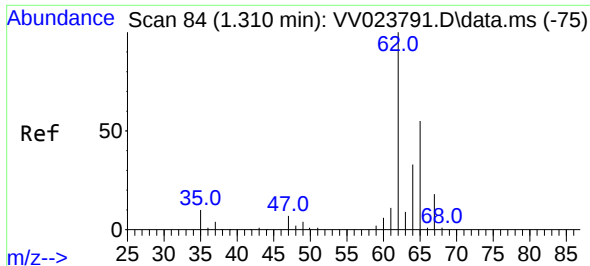
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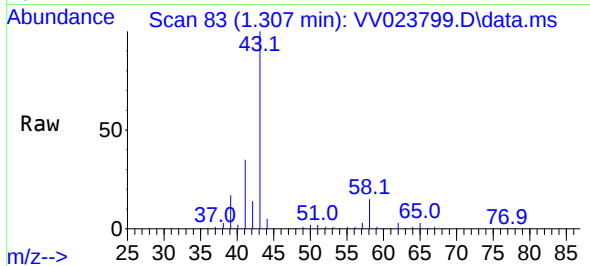
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#5
 Vinyl chloride
 Concen: 0.409 ug/L
 RT: 1.307 min Scan# 84
 Delta R.T. -0.003 min
 Lab File: VV023799.D
 Acq: 06 Dec 2021 15:45

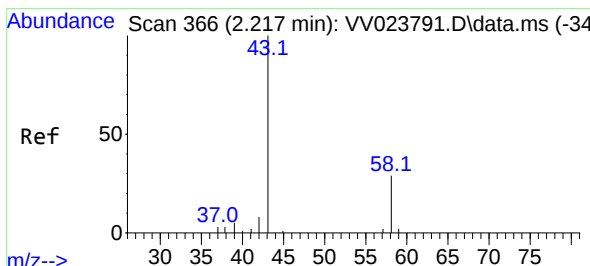
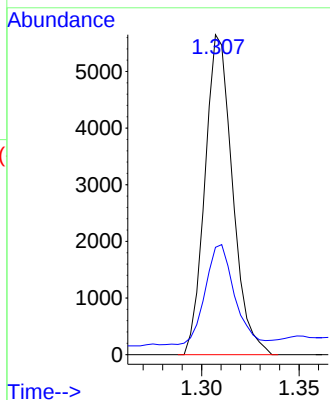
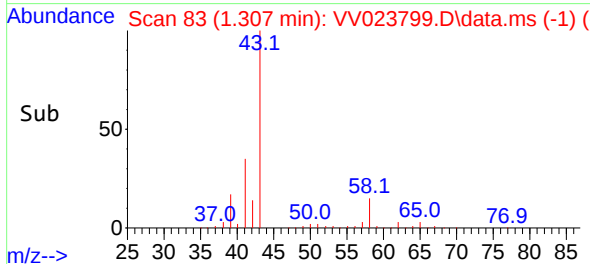
Instrument :
 MSVOA_V
 ClientSampleId :
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Tgt Ion: 62 Resp: 556
 Ion Ratio Lower Upper
 62 100
 64 33.6 22.4 41.6

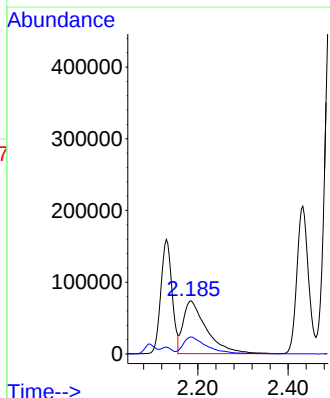
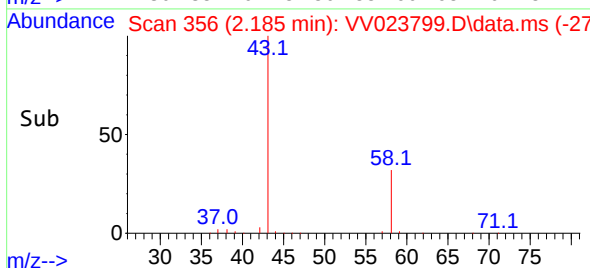
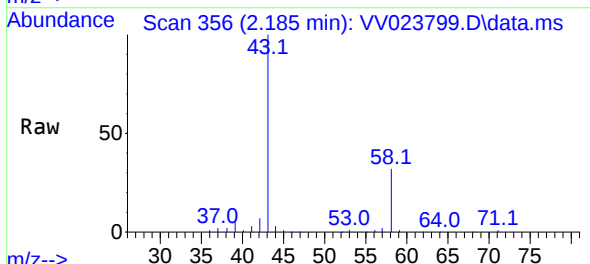
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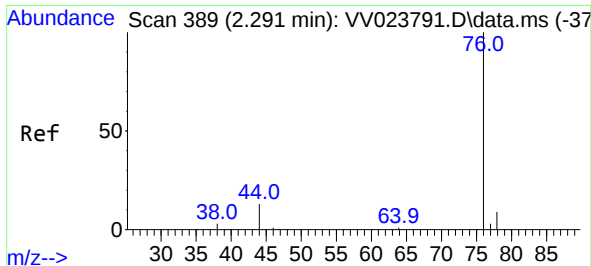
Reviewed By :Mahesh Dadoda 12/09/2021
 Supervised By :Semsettin Yesilyurt 12/09/2021



#13
 Acetone
 Concen: 188.612 ug/L
 RT: 2.185 min Scan# 356
 Delta R.T. -0.039 min
 Lab File: VV023799.D
 Acq: 06 Dec 2021 15:45

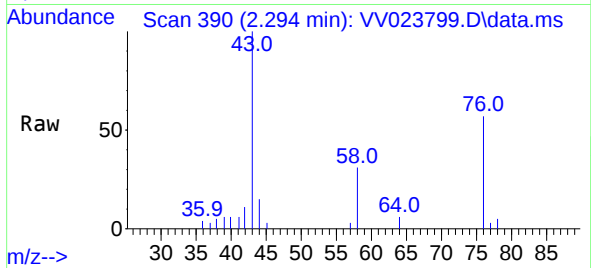
Tgt Ion: 43 Resp: 263010
 Ion Ratio Lower Upper
 43 100
 58 31.6 0.0 41.4





#14
Carbon disulfide
Concen: 0.099 ug/L
RT: 2.294 min Scan# 389
Delta R.T. -0.000 min
Lab File: VV023799.D
Acq: 06 Dec 2021 15:45

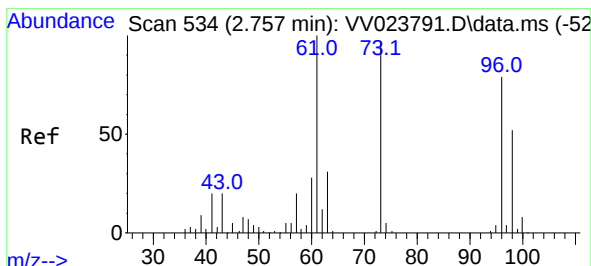
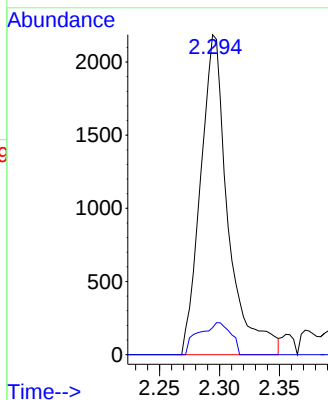
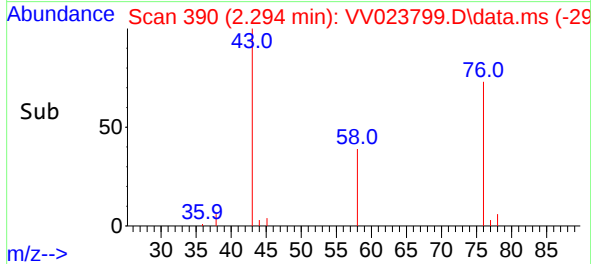
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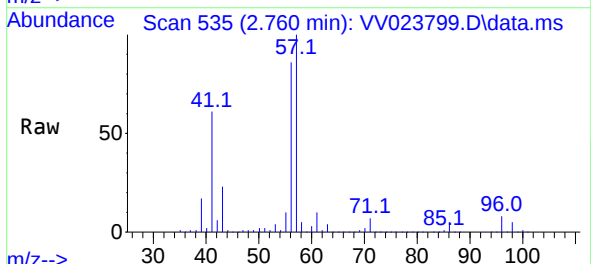
Tgt Ion: 76 Resp: 3490
Ion Ratio Lower Upper
76 100
78 8.5 7.5 11.3

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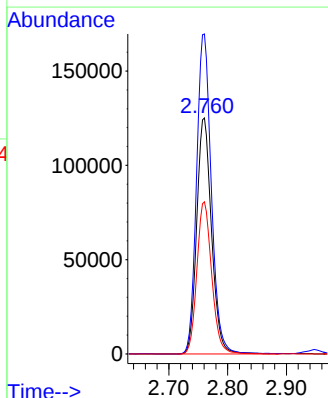
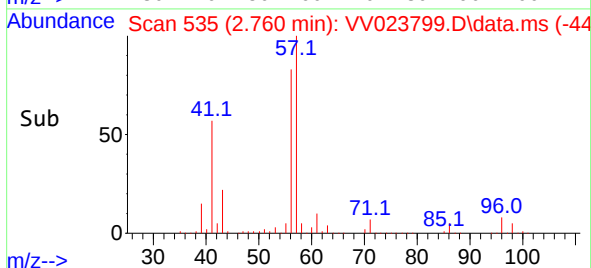
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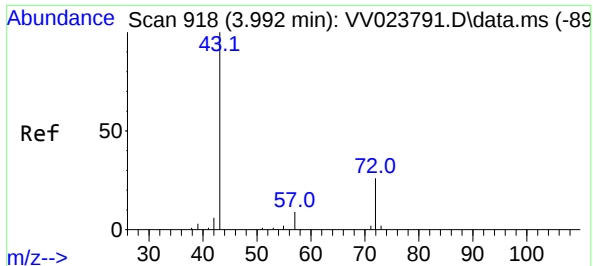


#18
trans-1,2-Dichloroethene
Concen: 18.249 ug/L
RT: 2.760 min Scan# 535
Delta R.T. 0.003 min
Lab File: VV023799.D
Acq: 06 Dec 2021 15:45



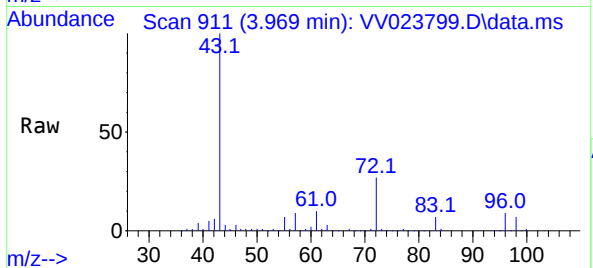
Tgt Ion: 96 Resp: 218686
Ion Ratio Lower Upper
96 100
61 135.6 88.2 163.8
98 64.5 44.9 83.5





#21
2-Butanone
Concen: 219.848 ug/L
RT: 3.969 min Scan# 911
Delta R.T. -0.032 min
Lab File: VV023799.D
Acq: 06 Dec 2021 15:45

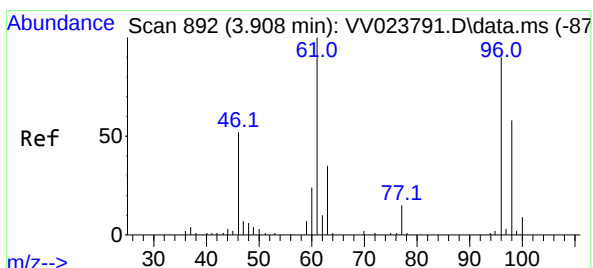
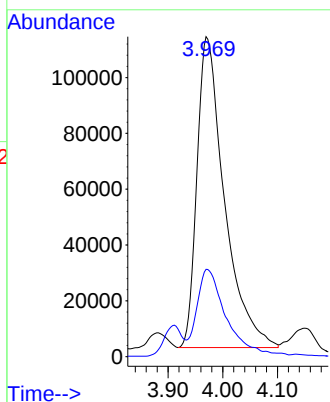
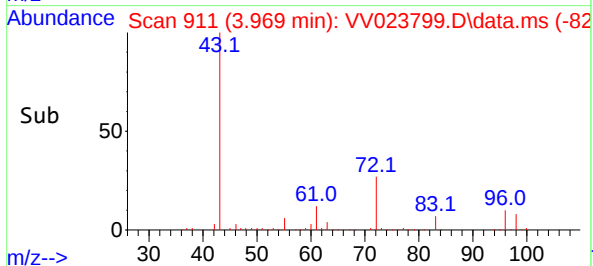
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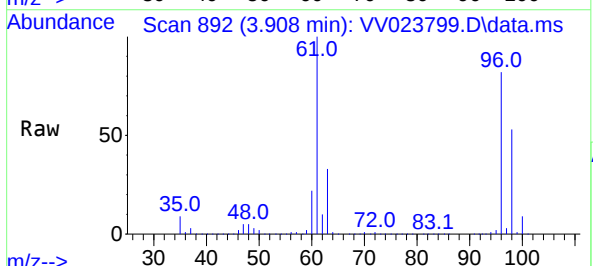
Tgt Ion: 43 Resp: 38802
Ion Ratio Lower Upper
43 100
72 29.9 11.1 33.1

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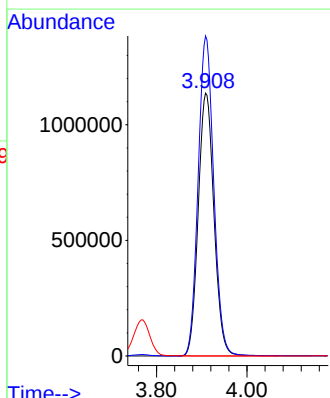
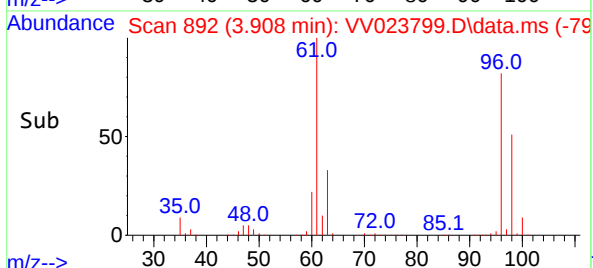
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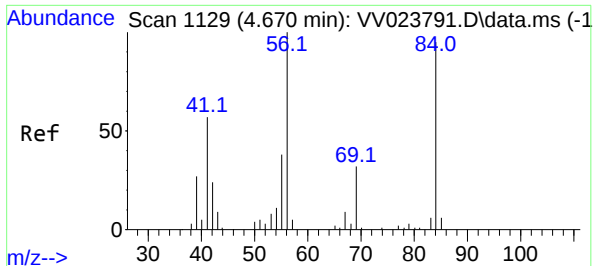


#22
cis-1,2-Dichloroethene
Concen: 239.287 ug/L
RT: 3.908 min Scan# 892
Delta R.T. -0.000 min
Lab File: VV023799.D
Acq: 06 Dec 2021 15:45



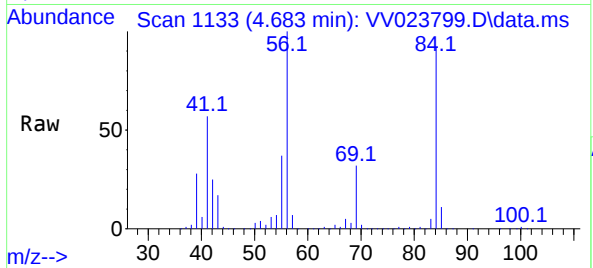
Tgt Ion: 96 Resp: 2749940
Ion Ratio Lower Upper
96 100
61 121.7 83.4 154.8
68 0.0 0.0 0.0#





#30
Cyclohexane
Concen: 288.860 ug/L
RT: 4.683 min Scan# 1129
Delta R.T. 0.010 min
Lab File: VV023799.D
Acq: 06 Dec 2021 15:45

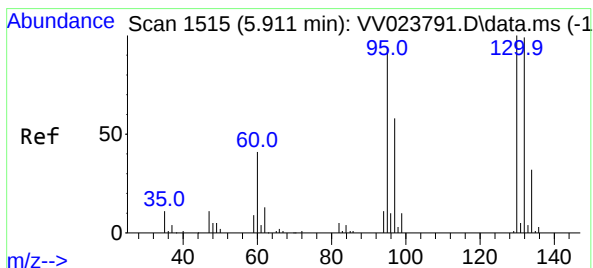
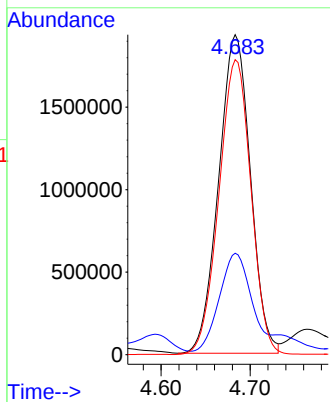
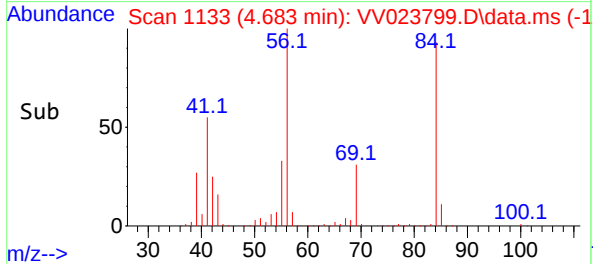
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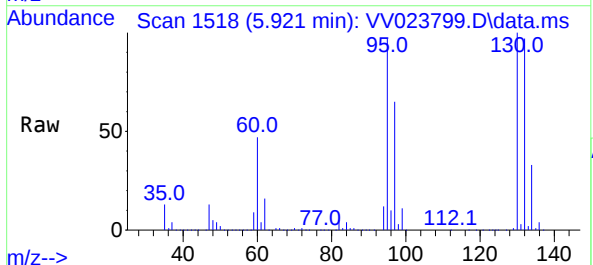
Tgt Ion: 56 Resp: 478754
Ion Ratio Lower Upper
56 100
69 31.0 24.8 37.2
84 93.3 75.9 113.9

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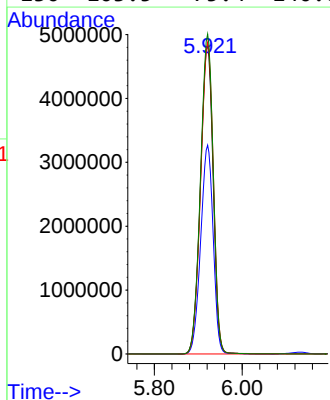
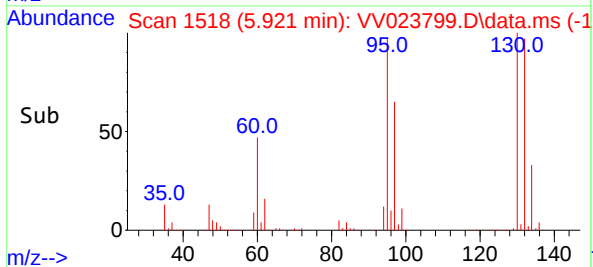
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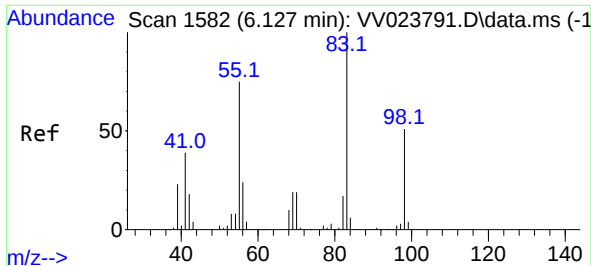


#34
Trichloroethene
Concen: 835.480 ug/L
RT: 5.921 min Scan# 1518
Delta R.T. 0.010 min
Lab File: VV023799.D
Acq: 06 Dec 2021 15:45



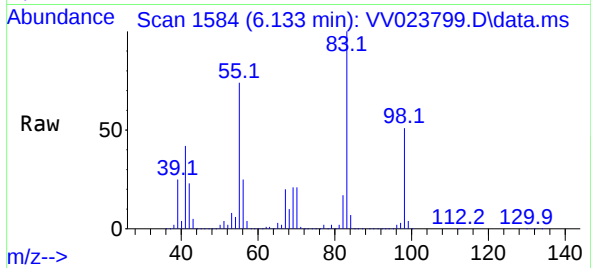
Tgt Ion: 95 Resp: 9697019
Ion Ratio Lower Upper
95 100
97 67.5 45.2 84.0
132 100.8 76.1 141.3
130 103.5 75.4 140.0





#35
Methylcyclohexane
Concen: 100.582 ug/L
RT: 6.133 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV023799.D
Acq: 06 Dec 2021 15:45

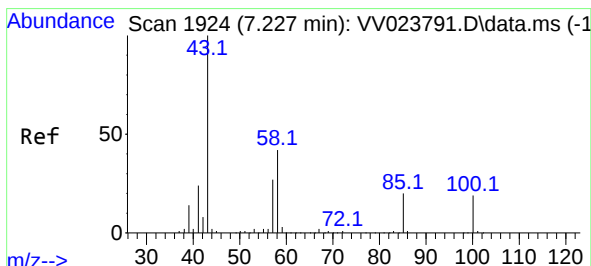
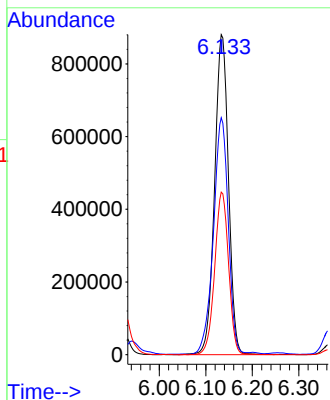
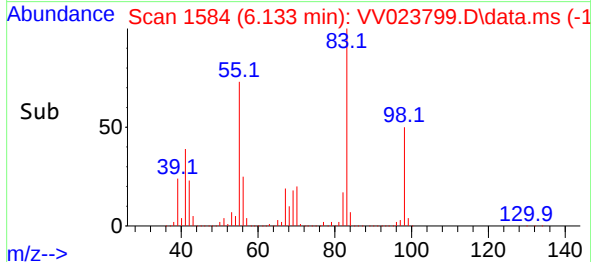
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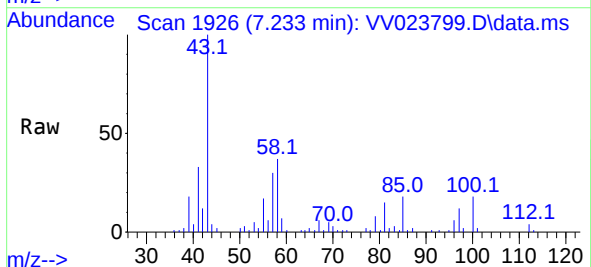
Tgt Ion: 83 Resp: 1820014
Ion Ratio Lower Upper
83 100
55 79.3 60.2 90.2
98 50.8 41.0 61.4

Manual Integrations
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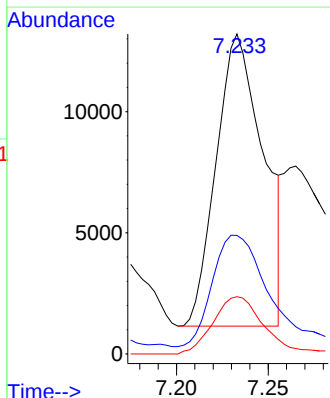
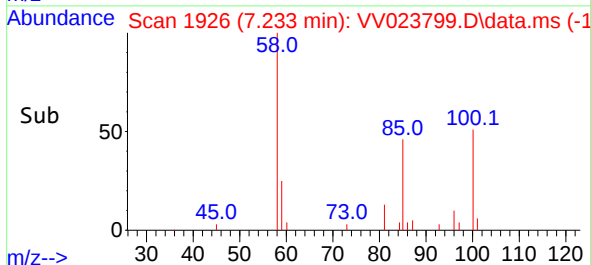
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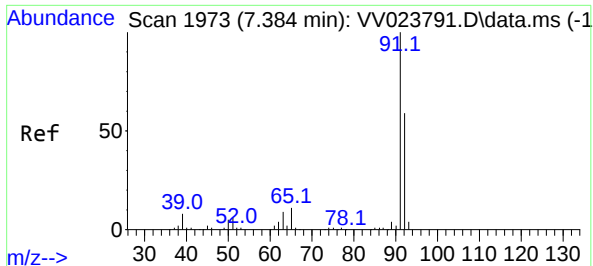


#40
4-Methyl-2-pentanone
Concen: 4.366 ug/L
RT: 7.233 min Scan# 1926
Delta R.T. 0.006 min
Lab File: VV023799.D
Acq: 06 Dec 2021 15:45



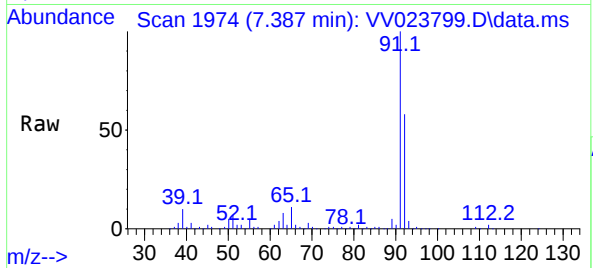
Tgt Ion: 43 Resp: 21466
Ion Ratio Lower Upper
43 100
58 51.8 32.3 48.5#
100 21.2 13.0 19.6#





#42
Toluene
Concen: 7.651 ug/L
RT: 7.387 min Scan# 1973
Delta R.T. 0.003 min
Lab File: VV023799.D
Acq: 06 Dec 2021 15:45

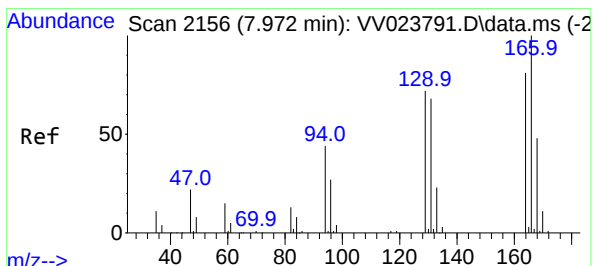
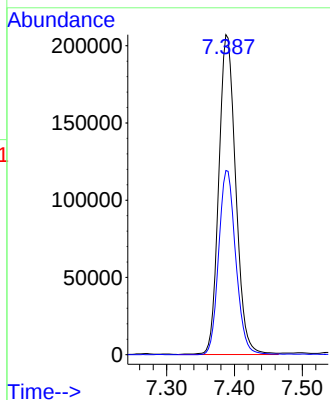
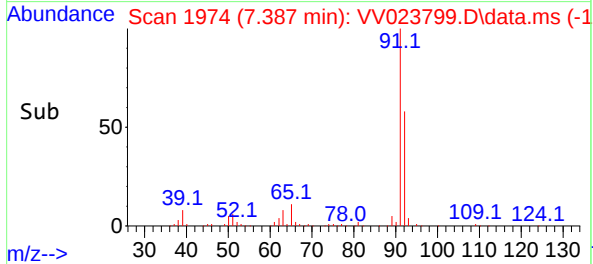
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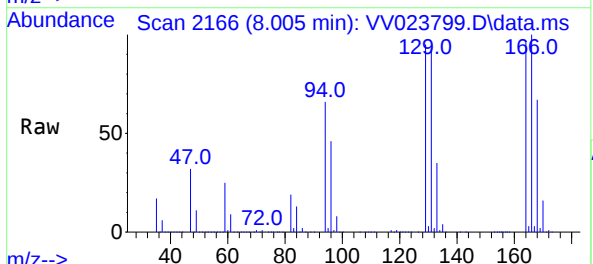
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Ion Ratio Lower Upper
91 100
92 57.6 41.5 77.1

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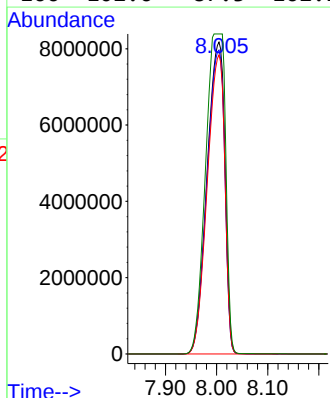
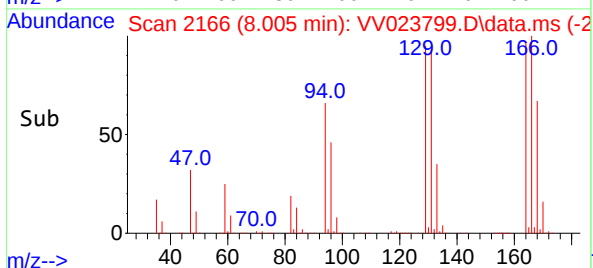
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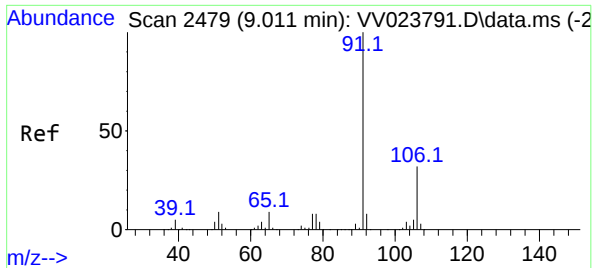


#47
Tetrachloroethene
Concen: 1879.420 ug/L
RT: 8.005 min Scan# 2166
Delta R.T. 0.032 min
Lab File: VV023799.D
Acq: 06 Dec 2021 15:45



Tgt Ion:164 Resp:19854939
Ion Ratio Lower Upper
164 100
129 97.4 62.6 116.2
131 95.9 61.0 113.4
166 102.6 87.3 162.1





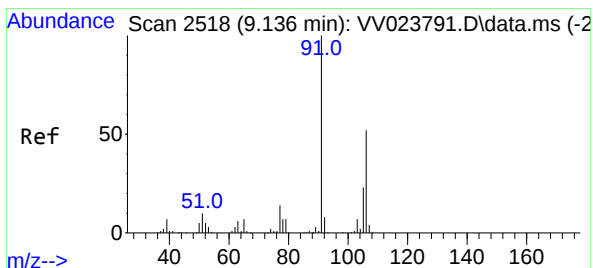
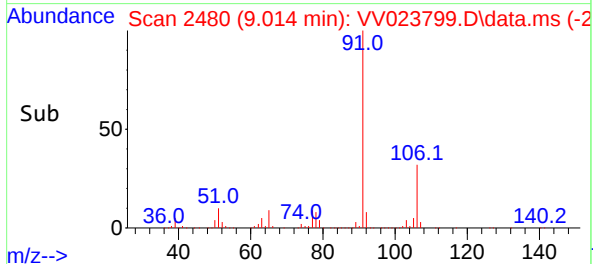
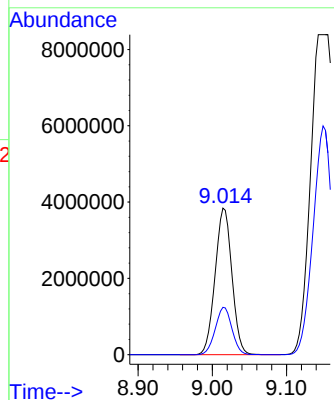
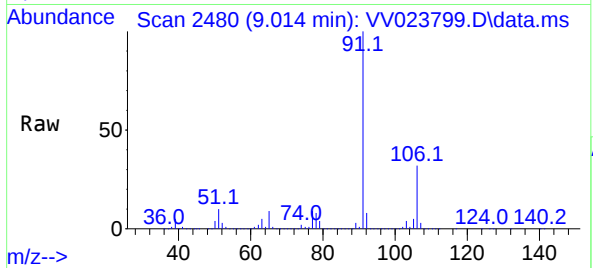
#52
Ethylbenzene
Concen: 123.057 ug/L
RT: 9.014 min Scan# 2479
Delta R.T. 0.003 min
Lab File: VV023799.D
Acq: 06 Dec 2021 15:45

Instrument :
MSVOA_V
ClientSampleId :
C0G35

Tgt Ion: 91 Resp: 6044180
Ion Ratio Lower Upper
91 100
106 32.3 22.0 41.0

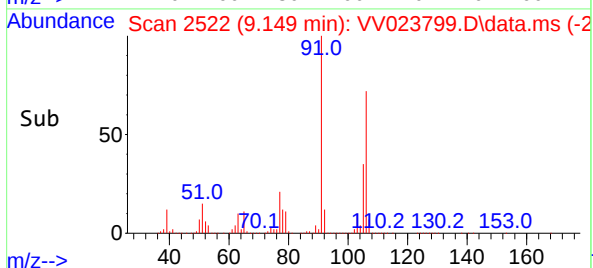
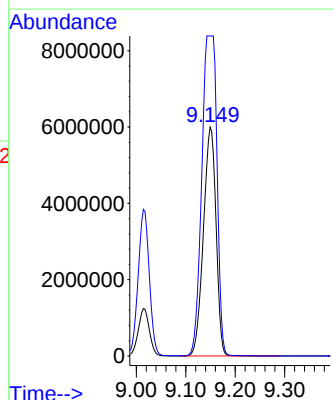
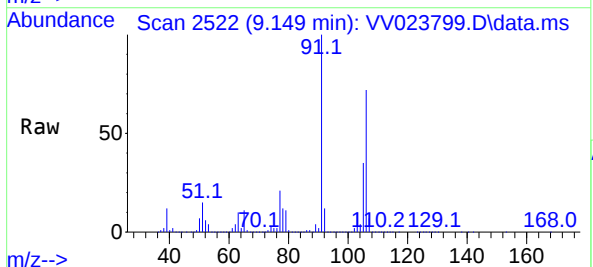
Manual Integrations
APPROVED

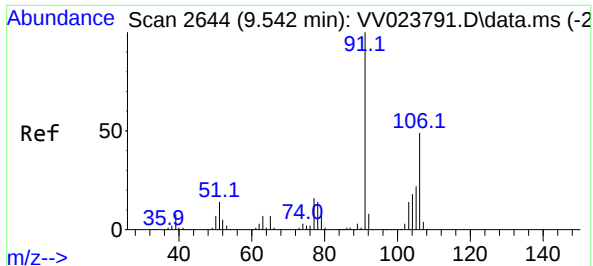
Reviewed By :Mahesh Dadoda 12/09/2021
Supervised By :Semsettin Yesilyurt 12/09/2021



#53
m,p-xylene
Concen: 541.758 ug/L
RT: 9.149 min Scan# 2522
Delta R.T. 0.013 min
Lab File: VV023799.D
Acq: 06 Dec 2021 15:45

Tgt Ion:106 Resp:10590556
Ion Ratio Lower Upper
106 100
91 139.9 139.5 259.1





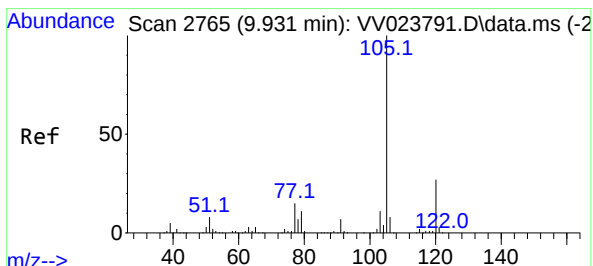
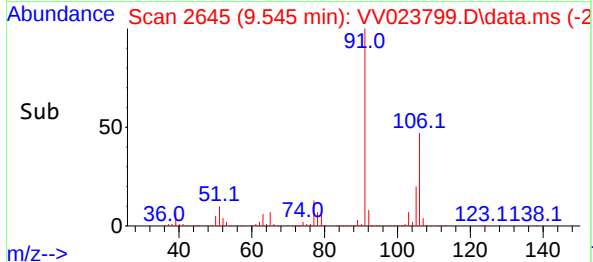
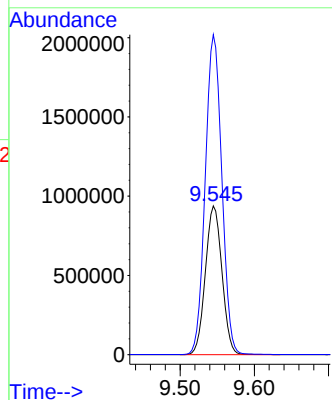
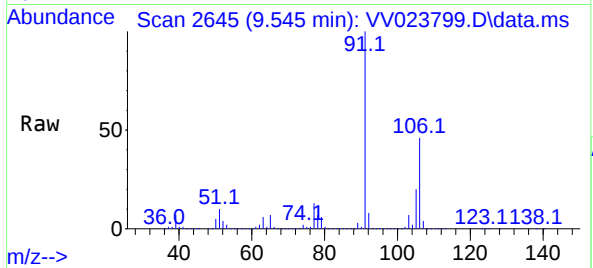
#54
o-xylene
Concen: 78.100 ug/L
RT: 9.545 min Scan# 2644
Delta R.T. 0.003 min
Lab File: VV023799.D
Acq: 06 Dec 2021 15:45

Instrument :
MSVOA_V
ClientSampleId :
C0G35

Tgt Ion:106 Resp: 145192
Ion Ratio Lower Upper
106 100
91 215.1 147.9 274.7

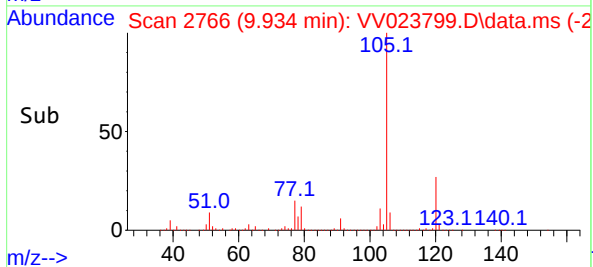
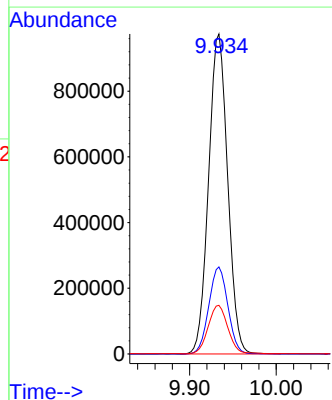
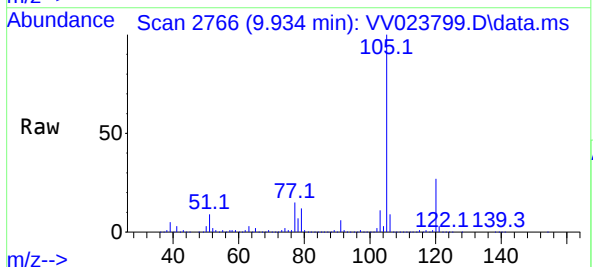
Manual Integrations
APPROVED

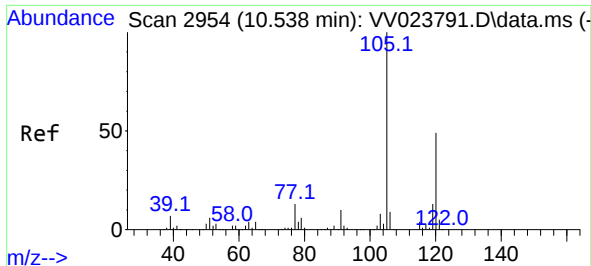
Reviewed By :Mahesh Dadoda 12/09/2021
Supervised By :Semsettin Yesilyurt 12/09/2021



#60
Isopropylbenzene
Concen: 30.151 ug/L
RT: 9.934 min Scan# 2766
Delta R.T. 0.003 min
Lab File: VV023799.D
Acq: 06 Dec 2021 15:45

Tgt Ion:105 Resp: 1488691
Ion Ratio Lower Upper
105 100
120 0.0 21.4 32.0#
77 15.6 12.2 18.4





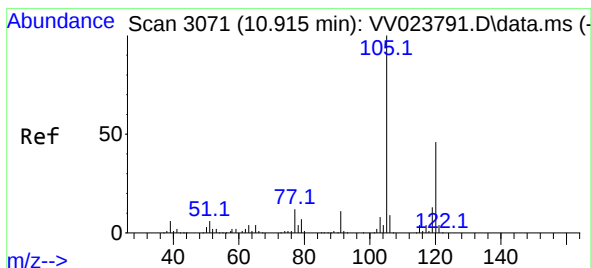
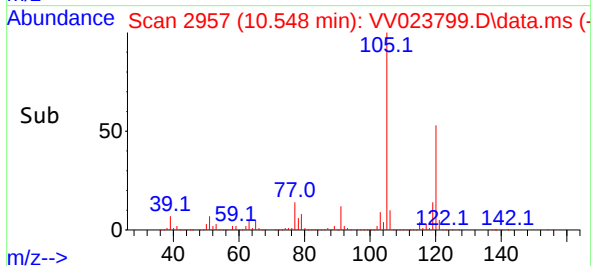
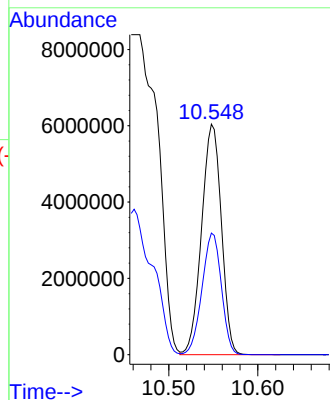
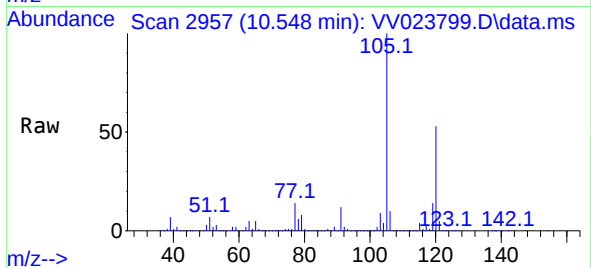
#62
1,3,5-Trimethylbenzene
Concen: 226.533 ug/L
RT: 10.548 min Scan# 2954
Delta R.T. 0.010 min
Lab File: VV023799.D
Acq: 06 Dec 2021 15:45

Instrument :
MSVOA_V
ClientSampleId :
C0G35

Tgt Ion:105 Resp: 9307309
Ion Ratio Lower Upper
105 100
120 51.5 40.1 60.1

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 12/09/2021
Supervised By :Semsettin Yesilyurt 12/09/2021



#63
1,2,4-Trimethylbenzene
Concen: 580.176 ug/L m
RT: 10.921 min Scan# 3073
Delta R.T. 0.010 min
Lab File: VV023799.D
Acq: 06 Dec 2021 15:45

Tgt Ion:105 Resp:23572657
Ion Ratio Lower Upper
105 100
120 20.3 36.7 55.1#

