

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW062322\
 Data File : VW026516.D
 Acq On : 23 Jun 2022 15:57
 Operator : SY/MD
 Sample : N3425-02DL 20X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AJ2DL

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 06/28/2022
 Supervised By :Mahesh Dadoda 06/28/2022

Quant Time: Jun 24 06:47:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jun 24 00:51:15 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	222562	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	206795	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	93067	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.317	65	86939	4.857	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.200%
7) Chloroethane-d5	1.577	69	69484	4.832	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.600%
11) 1,1-Dichloroethene-d2	2.117	63	115602	3.635	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.600%
20) 2-Butanone-d5	3.924	46	100050	56.224	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.440%
24) Chloroform-d	4.355	84	137633	4.704	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.000%
26) 1,2-Dichloroethane-d4	5.040	65	60452	5.364	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.200%
32) Benzene-d6	5.056	84	288749	4.861	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.200%
36) 1,2-Dichloropropane-d6	6.072	67	85298	5.222	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.400%
41) Toluene-d8	7.317	98	247788	4.639	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.800%
43) trans-1,3-Dichloroprop...	7.628	79	18346	4.345	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.000%
46) 2-Hexanone-d5	8.091	63	91870	57.127	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	114.260%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	54438	5.095	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.800%
66) 1,2-Dichlorobenzene-d4	11.622	152	81914	5.319	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.400%
Target Compounds						Qvalue
16) Methylene chloride	2.516	84	20330	1.274	ug/L	94
18) trans-1,2-Dichloroethene	2.777	96	684	0.045	ug/L #	68
22) cis-1,2-Dichloroethene	3.924	96	24377	1.601	ug/L	100
30) Cyclohexane	4.686	56	3927	0.195	ug/L	91
33) Benzene	5.104	78	182960	3.030	ug/L	100
34) Trichloroethene	5.921	95	30225	1.904	ug/L	100
35) Methylcyclohexane	6.130	83	5293	0.225	ug/L	91
38) Bromodichloromethane	6.519	83	1619	0.094	ug/L #	85
42) Toluene	7.391	91	190026	3.049	ug/L	98
47) Tetrachloroethene	7.976	164	143489	11.354	ug/L	99
49) Dibromochloromethane	8.249	129	1453m	0.156	ug/L	
52) Ethylbenzene	9.014	91	49881	0.774	ug/L	98
53) m,p-Xylene	9.140	106	28554	1.135	ug/L	94
54) o-Xylene	9.545	106	12909	0.547	ug/L	92
55) Styrene	9.570	104	5234	0.134	ug/L	88
59) Bromoform	9.734	173	629	0.183	ug/L #	83
62) 1,3,5-Trimethylbenzene	10.541	105	3584	0.079	ug/L	99
63) 1,2,4-Trimethylbenzene	10.918	105	9772	0.218	ug/L	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062322\
 Data File : VV026516.D
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 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 C0AJ2DL

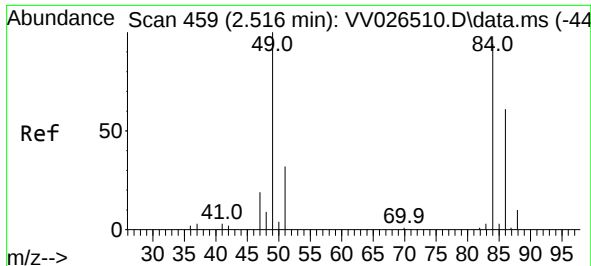
Manual Integrations
APPROVED

Reviewed By :Krupa Patel 06/28/2022
 Supervised By :Mahesh Dadoda 06/28/2022

Quant Time: Jun 24 06:47:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
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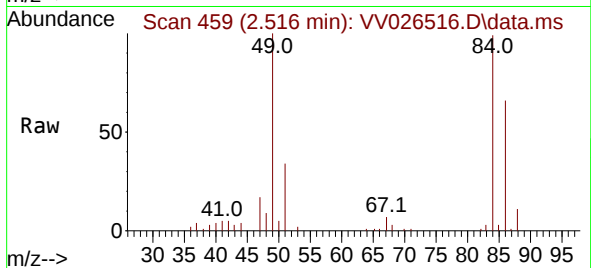
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#16
Methylene chloride
Concen: 1.274 ug/L
RT: 2.516 min Scan# 41
Delta R.T. -0.000 min
Lab File: VV026516.D
Acq: 23 Jun 2022 15:57

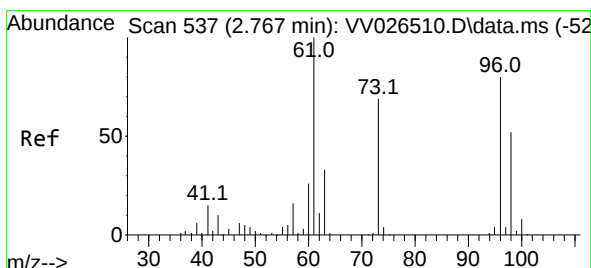
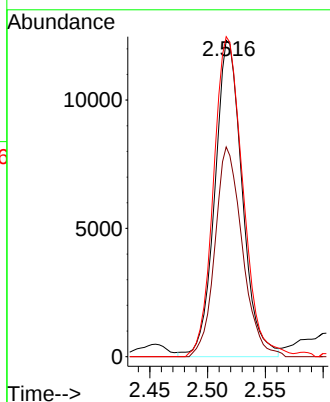
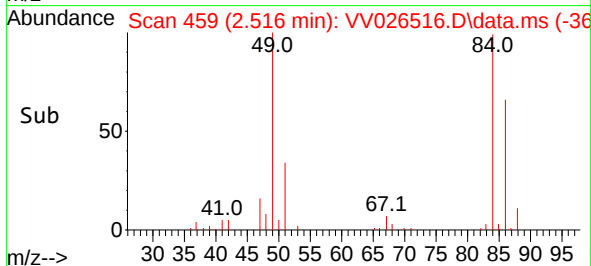
Instrument :
MSVOA_V
ClientSampleId :
C0AJ2DL



Tgt Ion: 84 Resp: 20330
Ion Ratio Lower Upper
84 100
86 66.3 46.0 85.4
49 101.2 77.7 144.3

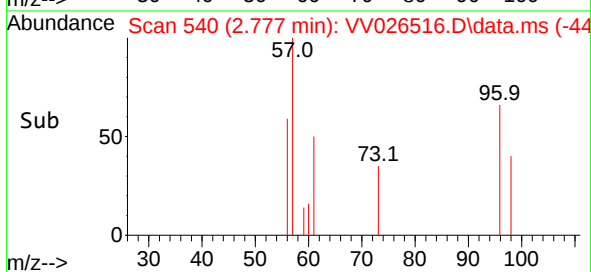
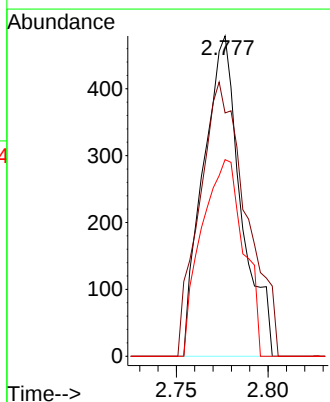
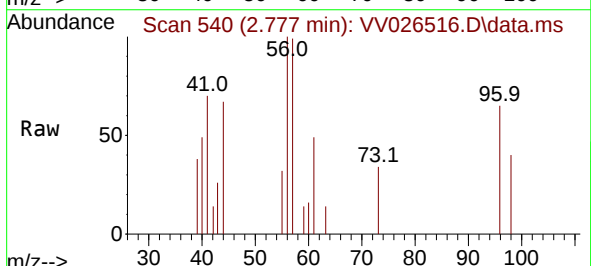
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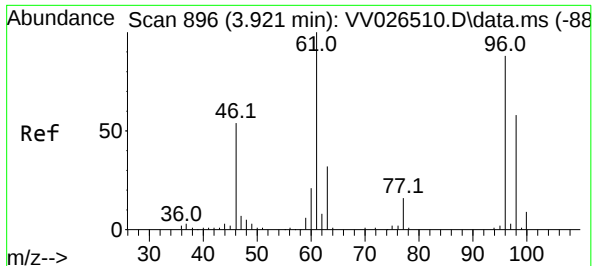
Reviewed By :Krupa Patel 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022



#18
trans-1,2-Dichloroethene
Concen: 0.045 ug/L
RT: 2.777 min Scan# 540
Delta R.T. 0.009 min
Lab File: VV026516.D
Acq: 23 Jun 2022 15:57

Tgt Ion: 96 Resp: 684
Ion Ratio Lower Upper
96 100
61 76.0 90.4 167.8#
98 61.4 45.6 84.8





#22

cis-1,2-Dichloroethene

Concen: 1.601 ug/L

RT: 3.924 min Scan# 896

Delta R.T. 0.003 min

Lab File: VV026516.D

Acq: 23 Jun 2022 15:57

Instrument :

MSVOA_V

ClientSampleId :

C0AJ2DL

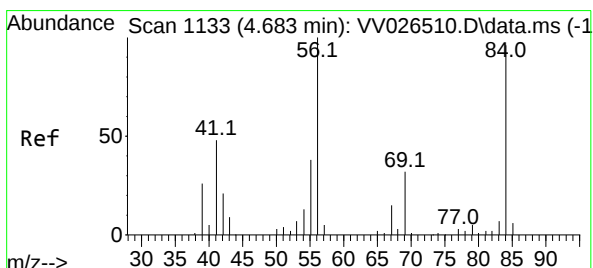
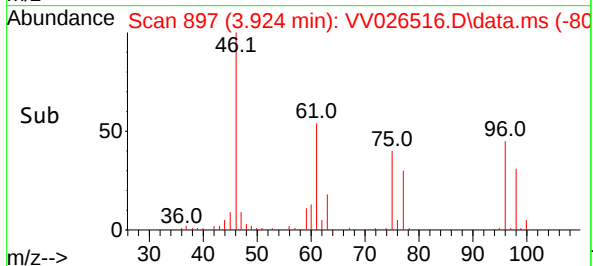
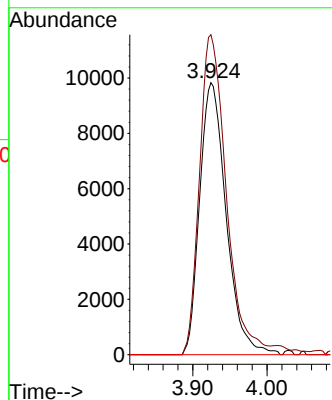
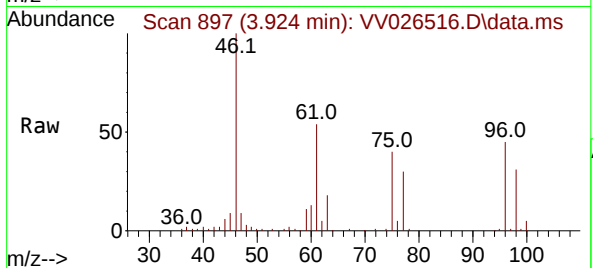
Tgt Ion: 96	Resp: 2437
Ion Ratio	Lower Upper
96 100	
61 117.6	82.0 152.2
68 0.0	0.0 0.0

Manual Integrations

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Reviewed By :Krupa Patel 06/28/2022

Supervised By :Mahesh Dadoda 06/28/2022



#30

Cyclohexane

Concen: 0.195 ug/L

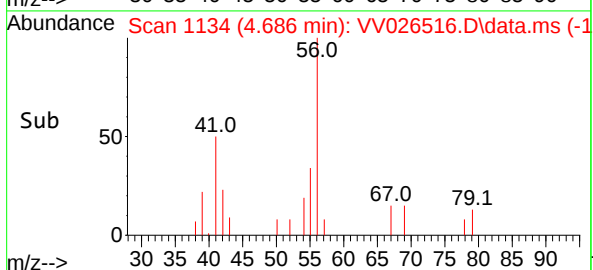
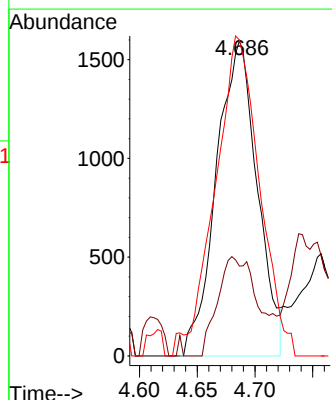
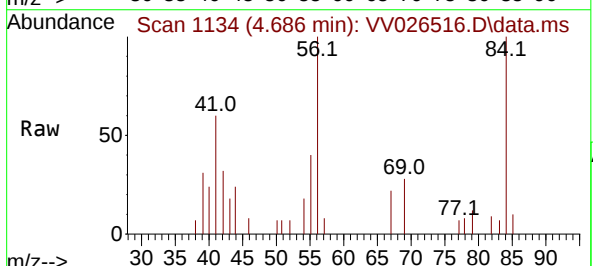
RT: 4.686 min Scan# 1134

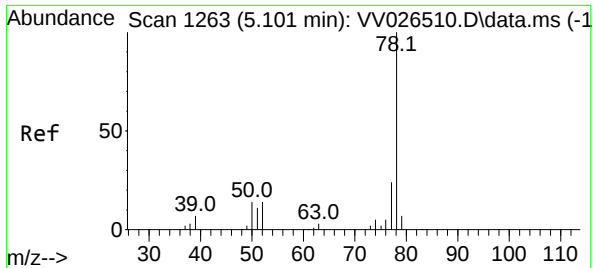
Delta R.T. 0.003 min

Lab File: VV026516.D

Acq: 23 Jun 2022 15:57

Tgt Ion: 56	Resp: 3927
Ion Ratio	Lower Upper
56 100	
69 31.5	25.4 38.2
84 108.2	77.8 116.6





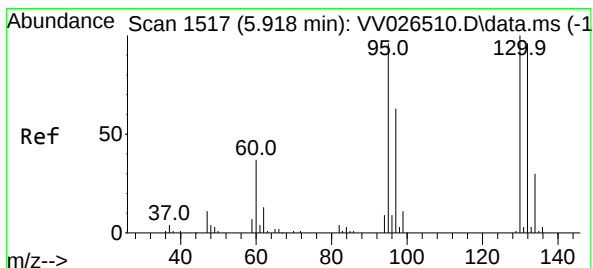
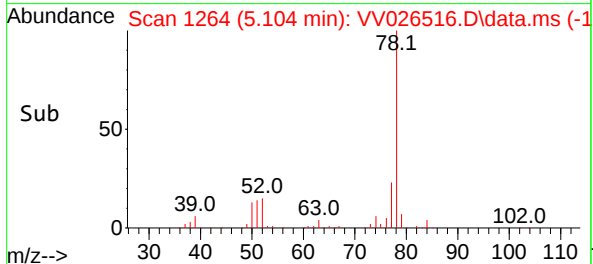
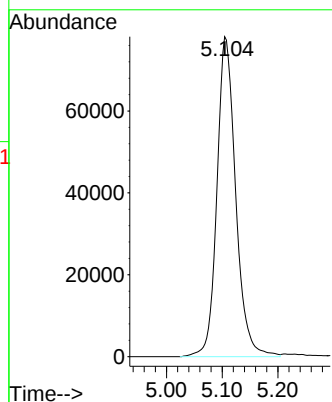
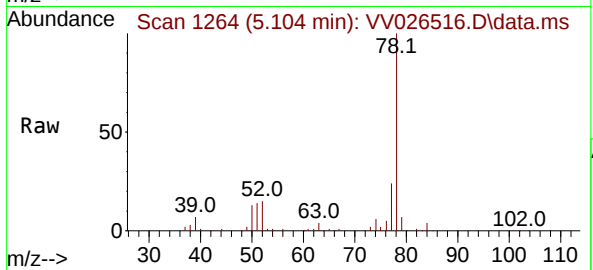
#33
Benzene
Concen: 3.030 ug/L
RT: 5.104 min Scan# 1518
Delta R.T. 0.003 min
Lab File: VV026516.D
Acq: 23 Jun 2022 15:57

Instrument :
MSVOA_V
ClientSampleId :
C0AJ2DL

Tgt Ion: 78 Resp: 182960

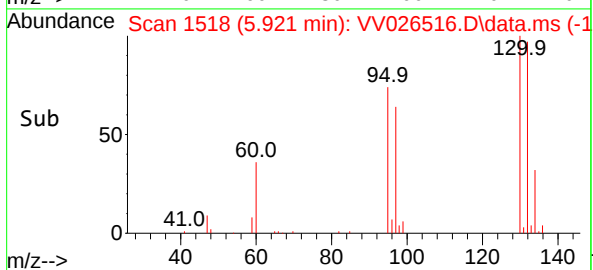
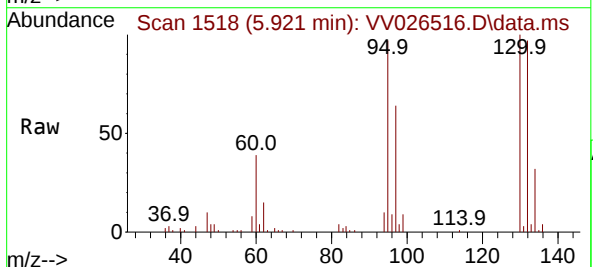
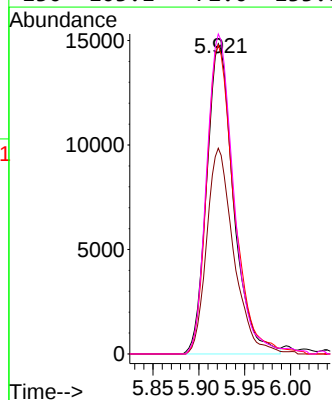
Manual Integrations
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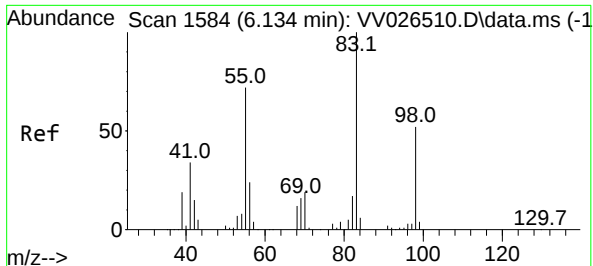
Reviewed By :Krupa Patel 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022



#34
Trichloroethene
Concen: 1.904 ug/L
RT: 5.921 min Scan# 1518
Delta R.T. 0.003 min
Lab File: VV026516.D
Acq: 23 Jun 2022 15:57

Tgt Ion: 95 Resp: 30225
Ion Ratio Lower Upper
95 100
97 66.3 46.8 87.0
132 99.5 69.9 129.7
130 103.1 72.0 133.8





#35

Methylcyclohexane

Concen: 0.225 ug/L

RT: 6.130 min Scan# 11

Delta R.T. -0.003 min

Lab File: VV026516.D

Acq: 23 Jun 2022 15:57

Instrument :

MSVOA_V

ClientSampleId :

C0AJ2DL

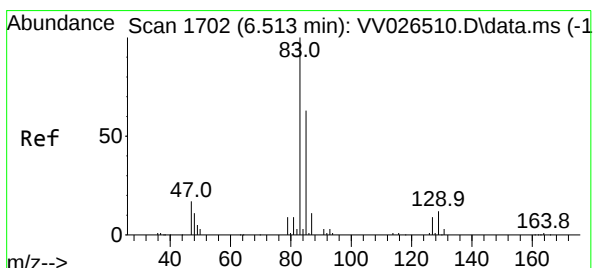
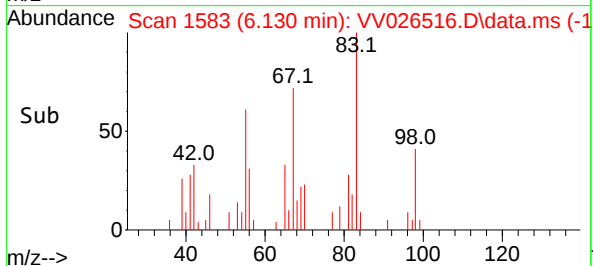
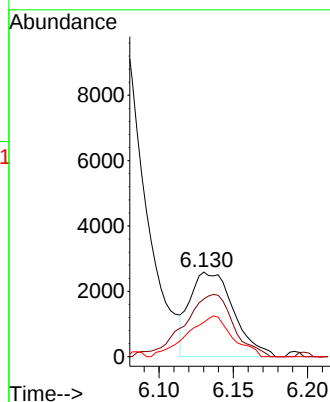
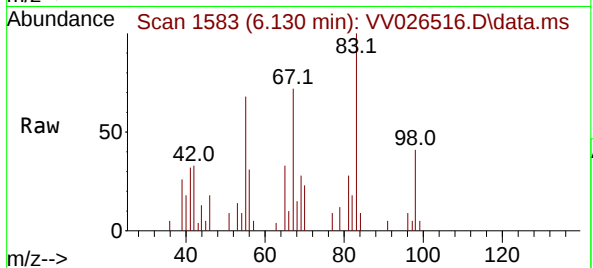
Tgt Ion: 83	Resp: 529
Ion Ratio	Lower Upper
83 100	
55 83.5	57.0 85.4
98 49.4	39.8 59.8

Manual Integrations

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Reviewed By :Krupa Patel 06/28/2022

Supervised By :Mahesh Dadoda 06/28/2022



#38

Bromodichloromethane

Concen: 0.094 ug/L

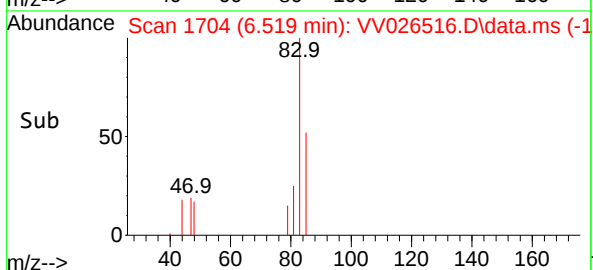
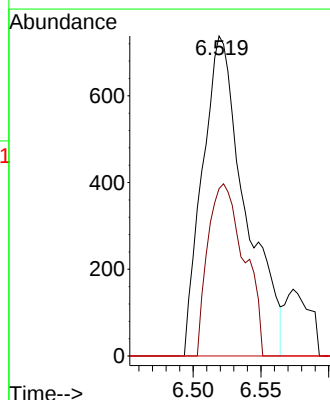
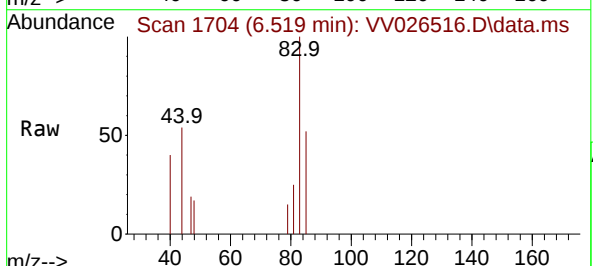
RT: 6.519 min Scan# 1704

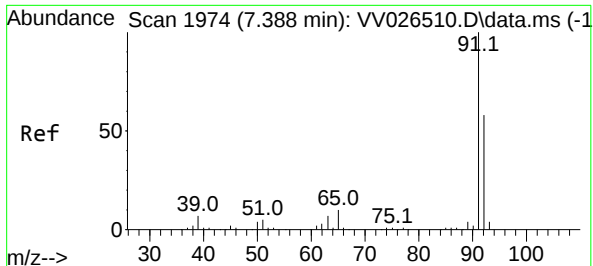
Delta R.T. 0.006 min

Lab File: VV026516.D

Acq: 23 Jun 2022 15:57

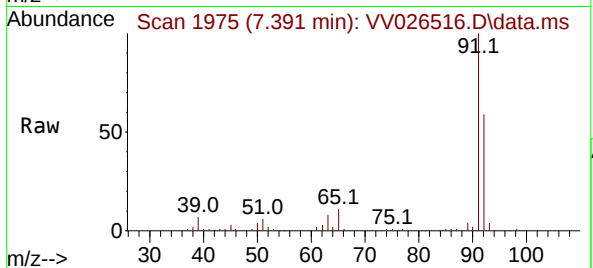
Tgt Ion: 83	Resp: 1619
Ion Ratio	Lower Upper
83 100	
85 52.3	44.0 81.8
127 0.0	6.6 10.0#





#42
Toluene
Concen: 3.049 ug/L
RT: 7.391 min Scan# 1974
Delta R.T. 0.003 min
Lab File: VV026516.D
Acq: 23 Jun 2022 15:57

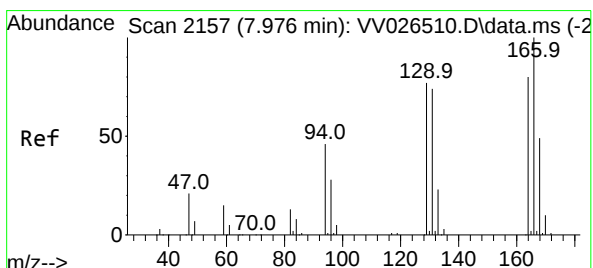
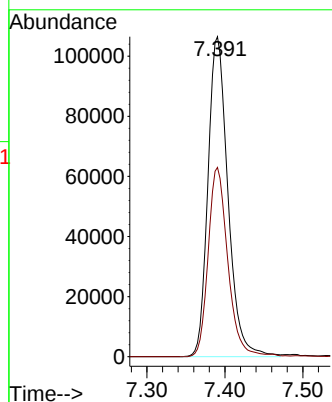
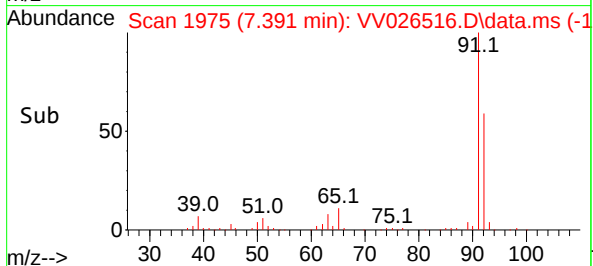
Instrument :
MSVOA_V
ClientSampleId :
C0AJ2DL



Tgt Ion: 91 Resp: 190020
Ion Ratio Lower Upper
91 100
92 59.1 40.3 74.9

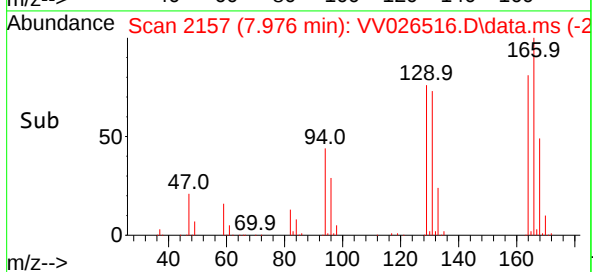
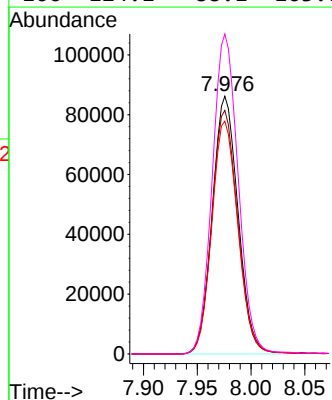
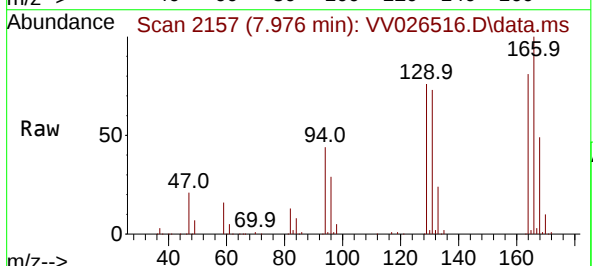
Manual Integrations
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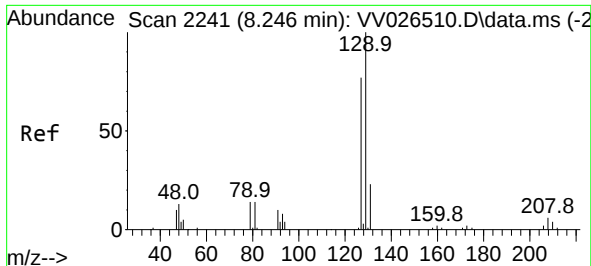
Reviewed By :Krupa Patel 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022



#47
Tetrachloroethene
Concen: 11.354 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.000 min
Lab File: VV026516.D
Acq: 23 Jun 2022 15:57

Tgt Ion:164 Resp: 143489
Ion Ratio Lower Upper
164 100
129 94.5 66.4 123.2
131 90.3 64.4 119.6
166 124.1 88.1 163.7





#49

Dibromochloromethane

Concen: 0.156 ug/L m

RT: 8.249 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV026516.D

Acq: 23 Jun 2022 15:57

Instrument :

MSVOA_V

ClientSampleId :

C0AJ2DL

Tgt Ion:129 Resp: 145

Ion Ratio Lower Upper

129 100

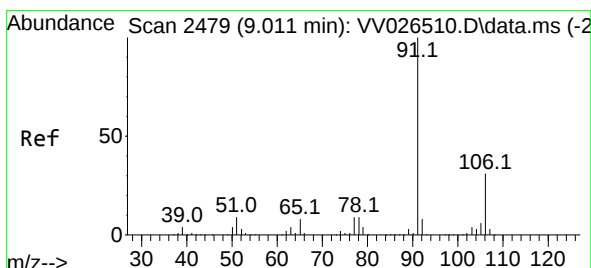
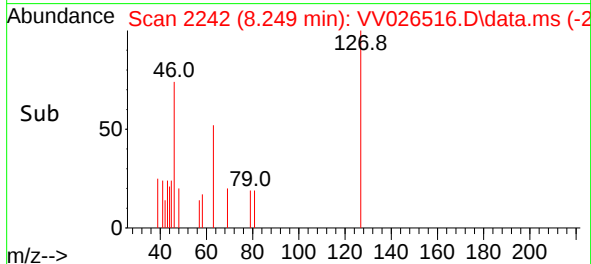
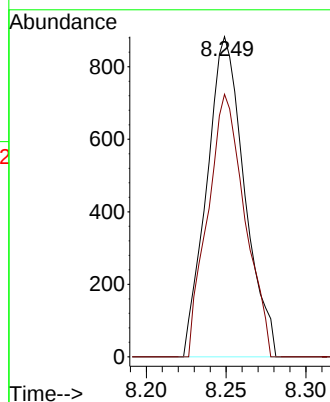
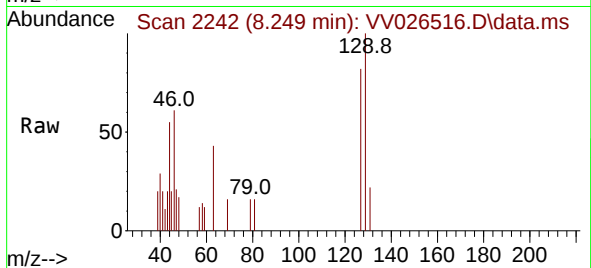
127 82.0 54.2 100.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 06/28/2022

Supervised By :Mahesh Dadoda 06/28/2022



#52

Ethylbenzene

Concen: 0.774 ug/L

RT: 9.014 min Scan# 2480

Delta R.T. 0.003 min

Lab File: VV026516.D

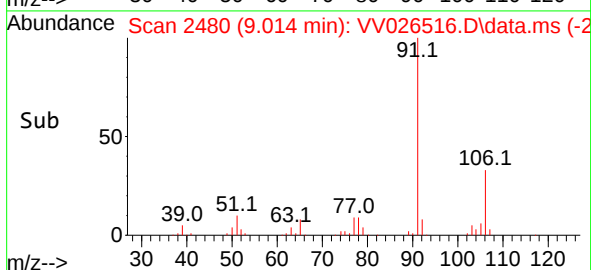
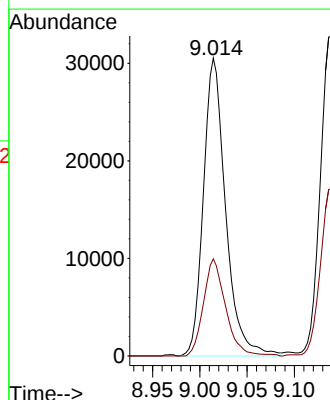
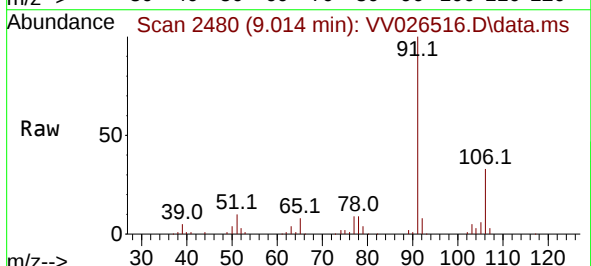
Acq: 23 Jun 2022 15:57

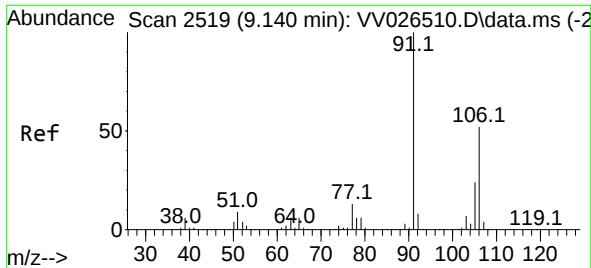
Tgt Ion: 91 Resp: 49881

Ion Ratio Lower Upper

91 100

106 32.6 22.1 41.1





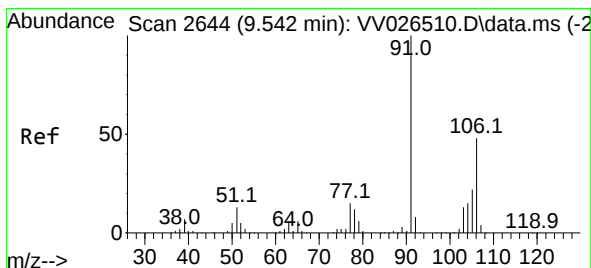
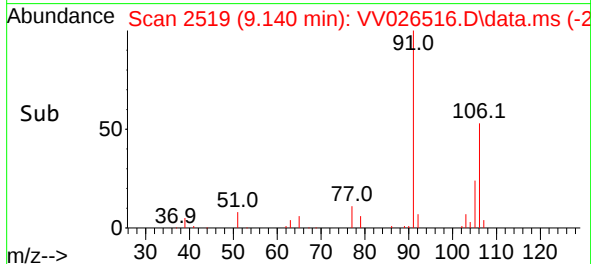
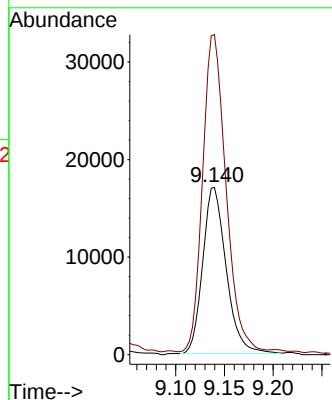
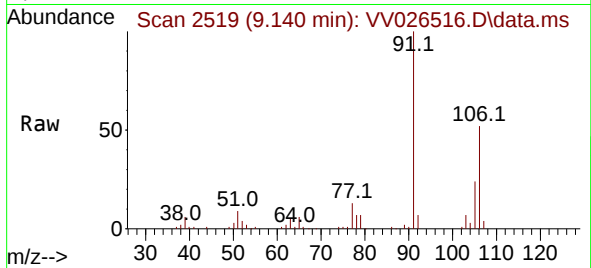
#53
m,p-Xylene
Concen: 1.135 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. -0.000 min
Lab File: VV026516.D
Acq: 23 Jun 2022 15:57

Instrument :
MSVOA_V
ClientSampleId :
C0AJ2DL

Tgt Ion:106 Resp: 28554
Ion Ratio Lower Upper
106 100
91 191.1 139.9 259.9

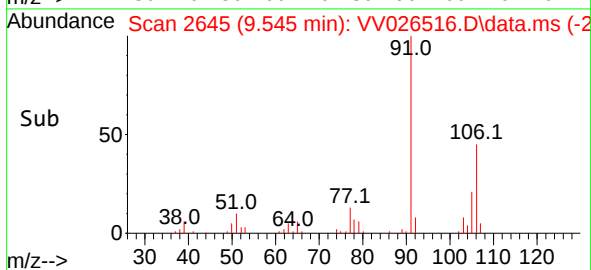
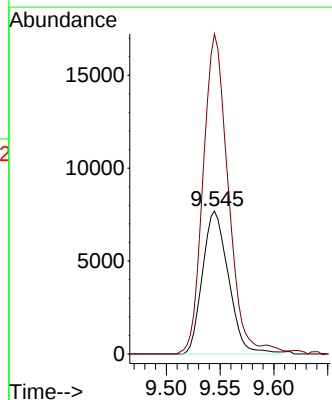
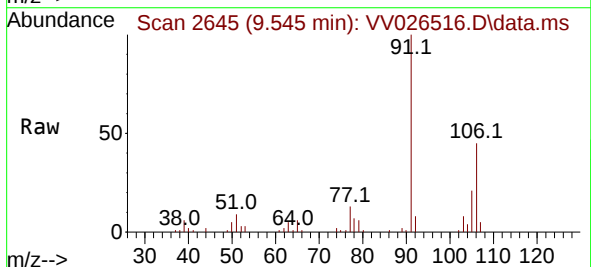
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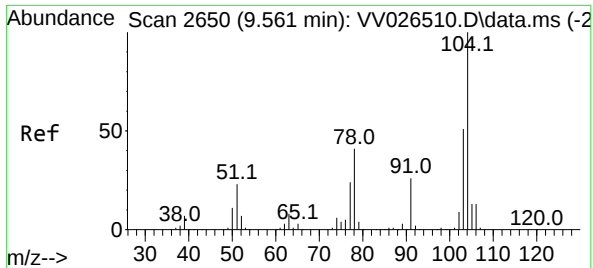
Reviewed By :Krupa Patel 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022



#54
o-Xylene
Concen: 0.547 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.003 min
Lab File: VV026516.D
Acq: 23 Jun 2022 15:57

Tgt Ion:106 Resp: 12909
Ion Ratio Lower Upper
106 100
91 224.0 147.5 273.9





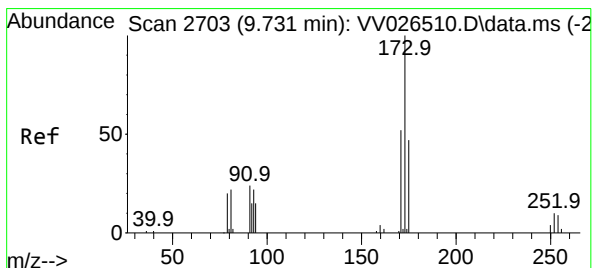
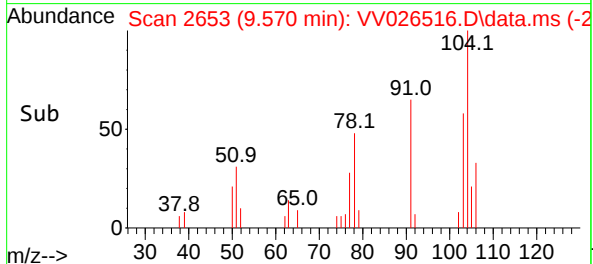
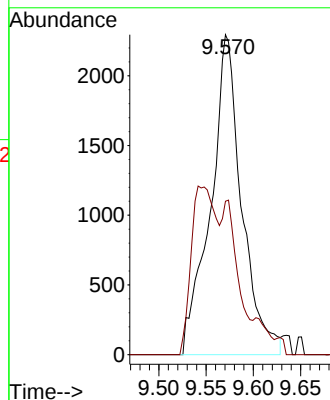
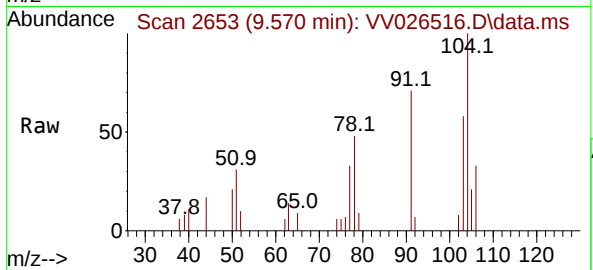
#55
Styrene
Concen: 0.134 ug/L
RT: 9.570 min Scan# 20
Delta R.T. 0.009 min
Lab File: VV026516.D
Acq: 23 Jun 2022 15:57

Instrument :
MSVOA_V
ClientSampleId :
C0AJ2DL

Tgt Ion:104 Resp: 5234
Ion Ratio Lower Upper
104 100
78 47.9 28.4 52.8

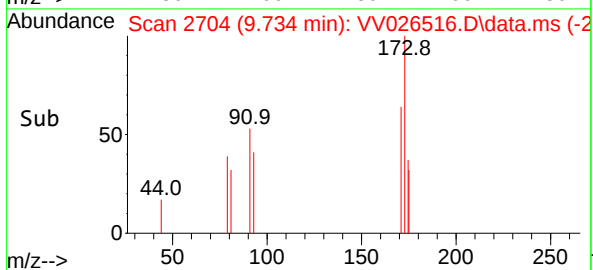
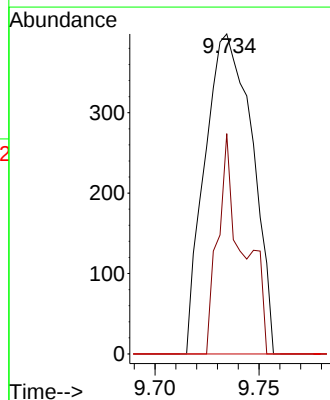
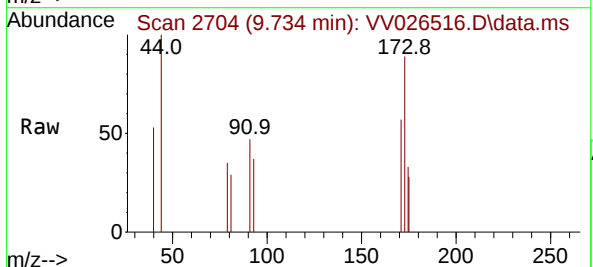
Manual Integrations
APPROVED

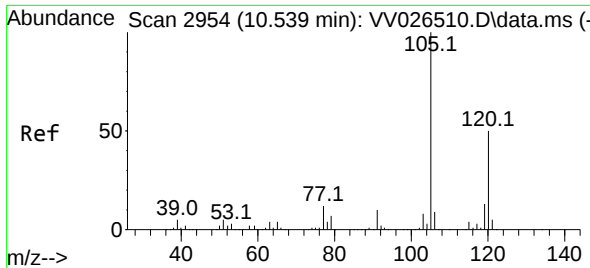
Reviewed By :Krupa Patel 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022



#59
Bromoform
Concen: 0.183 ug/L
RT: 9.734 min Scan# 2704
Delta R.T. 0.003 min
Lab File: VV026516.D
Acq: 23 Jun 2022 15:57

Tgt Ion:173 Resp: 629
Ion Ratio Lower Upper
173 100
175 36.7 37.9 56.9#
254 0.0 6.3 9.5#





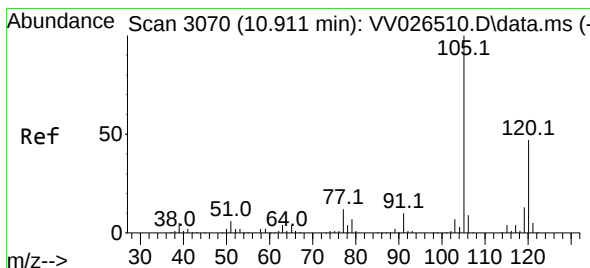
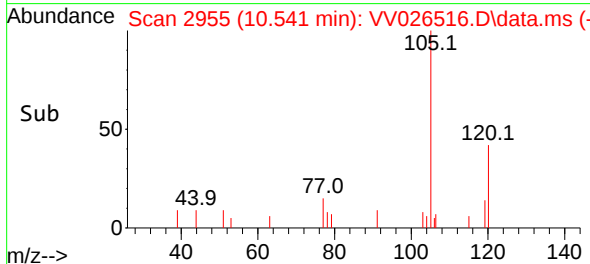
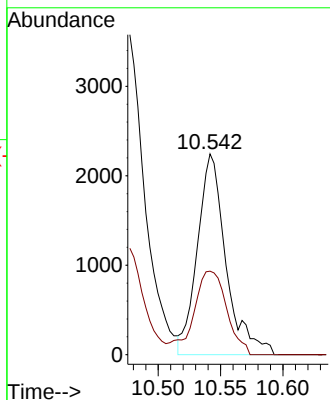
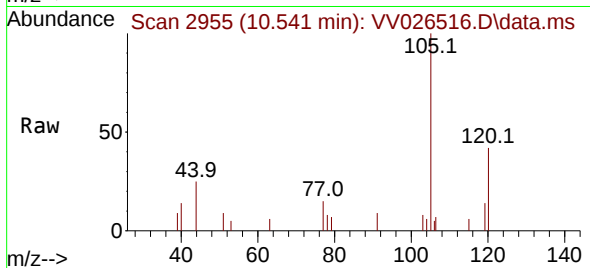
#62
1,3,5-Trimethylbenzene
Concen: 0.079 ug/L
RT: 10.541 min Scan# 2954
Delta R.T. 0.003 min
Lab File: VV026516.D
Acq: 23 Jun 2022 15:57

Instrument :
MSVOA_V
ClientSampleId :
C0AJ2DL

Tgt Ion:105 Resp: 3584
Ion Ratio Lower Upper
105 100
120 48.6 39.6 59.4

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022



#63
1,2,4-Trimethylbenzene
Concen: 0.218 ug/L
RT: 10.918 min Scan# 3072
Delta R.T. 0.006 min
Lab File: VV026516.D
Acq: 23 Jun 2022 15:57

Tgt Ion:105 Resp: 9772
Ion Ratio Lower Upper
105 100
120 46.7 37.4 56.2

