

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW092722\
 Data File : VW028144.D
 Acq On : 27 Sep 2022 17:05
 Operator : SY/MD
 Sample : N4856-05
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F5H32

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 09/28/2022
 Supervised By :Mahesh Dadoda 09/28/2022

Quant Time: Sep 28 03:12:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 28 03:08:11 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	184059	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	182063	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	91728	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	57374	3.007	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	60.200%
7) Chloroethane-d5	1.561	69	52604	3.467	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	69.400%
11) 1,1-Dichloroethene-d2	2.101	63	76023	2.297	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	46.000%#
20) 2-Butanone-d5	3.886	46	167154	51.887	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.780%
24) Chloroform-d	4.346	84	123334	4.050	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.000%
26) 1,2-Dichloroethane-d4	5.027	65	60325	4.163	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.200%
32) Benzene-d6	5.047	84	231667	3.881	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.600%
36) 1,2-Dichloropropane-d6	6.066	67	77591	4.169	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.400%
41) Toluene-d8	7.313	98	186978	3.460	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	69.200%#
43) trans-1,3-Dichloroprop...	7.622	79	25225	3.752	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.000%
46) 2-Hexanone-d5	8.085	63	141287	50.356	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.720%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	58235	4.578	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.600%
66) 1,2-Dichlorobenzene-d4	11.622	152	86258	4.794	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.800%
Target Compounds						Qvalue
13) Acetone	2.175	43	48970	19.735	ug/L	95
14) Carbon disulfide	2.291	76	3201	0.131	ug/L #	91
17) Methyl tert-butyl Ether	2.764	73	1704504	62.293	ug/L	96
18) trans-1,2-Dichloroethene	2.754	96	81547	7.324	ug/L	98
22) cis-1,2-Dichloroethene	3.905	96	105915	7.249	ug/L	100
30) Cyclohexane	4.667	56	13458	0.832	ug/L	93
33) Benzene	5.098	78	62745	1.241	ug/L	100
34) Trichloroethene	5.915	95	14714	1.169	ug/L	96
35) Methylcyclohexane	6.114	83	5762m	0.334	ug/L	
42) Toluene	7.394	91	11134	0.211	ug/L	93
47) Tetrachloroethene	7.973	164	17271	1.719	ug/L	97
52) Ethylbenzene	9.014	91	19988	0.358	ug/L	100
54) o-Xylene	9.545	106	4106	0.194	ug/L	91
60) Isopropylbenzene	9.931	105	11095	0.206	ug/L #	90
62) 1,3,5-Trimethylbenzene	10.538	105	18843	1.242	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	8833	0.208	ug/L	95

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

Instrument :
MSVOA_V
ClientSampleId :
F5H32

Manual Integrations
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Reviewed By :Krupa Patel 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

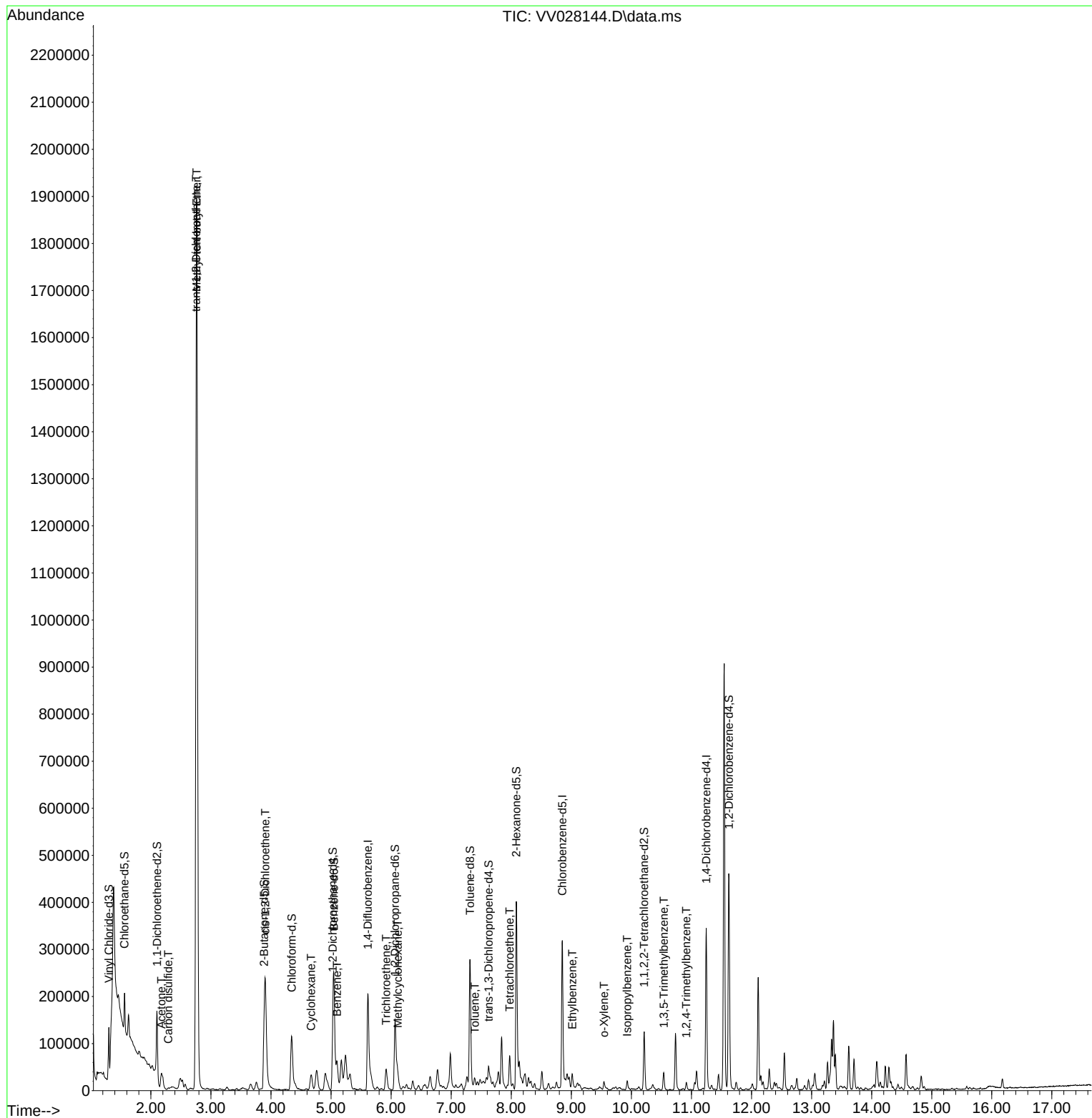
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092722\
Data File : VV028144.D
Acq On : 27 Sep 2022 17:05
Operator : SY/MD
Sample : N4856-05
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

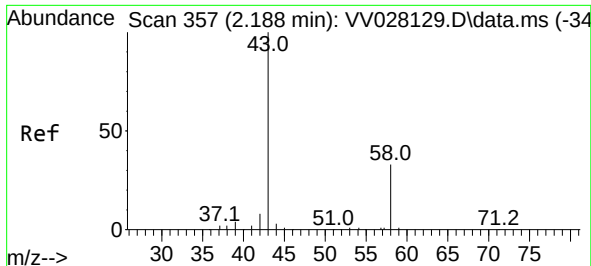
Instrument :
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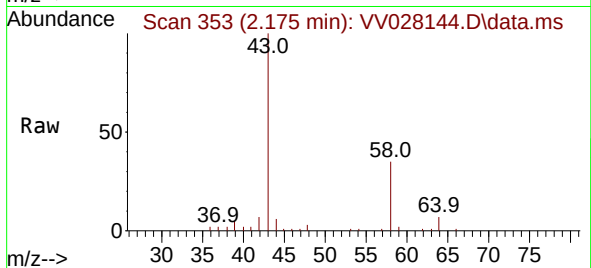
Quant Time: Sep 28 03:12:37 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092222WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Sep 28 03:08:11 2022
Response via : Initial Calibration





#13
Acetone
Concen: 19.735 ug/L
RT: 2.175 min Scan# 31
Delta R.T. -0.013 min
Lab File: VV028144.D
Acq: 27 Sep 2022 17:05

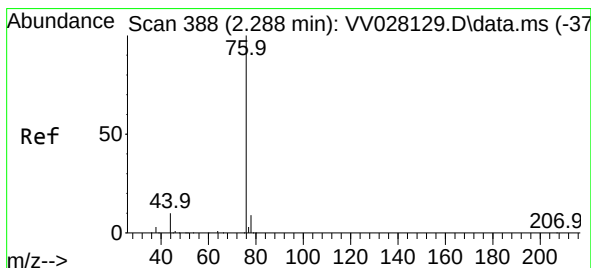
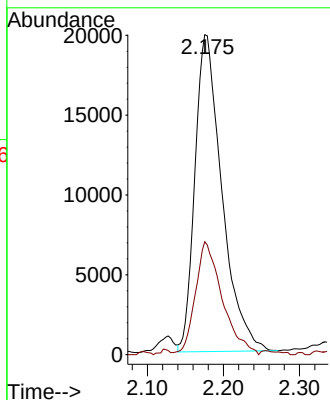
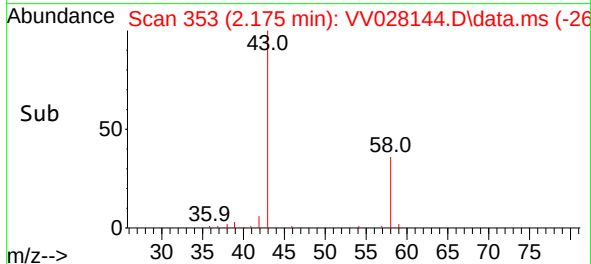
Instrument :
MSVOA_V
ClientSampleId :
F5H32



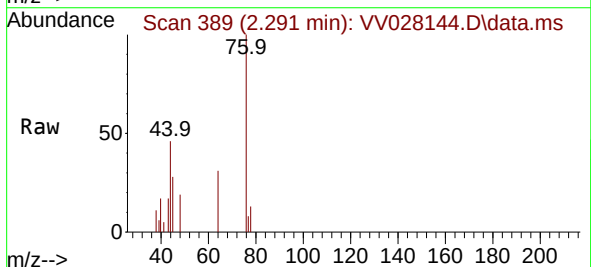
Tgt Ion: 43 Resp: 48970
Ion Ratio Lower Upper
43 100
58 35.5 0.0 65.6

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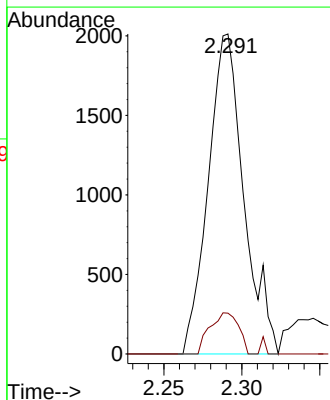
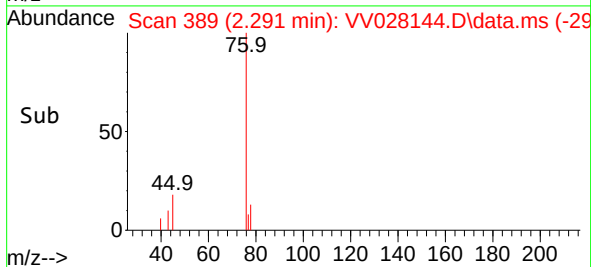
Reviewed By :Krupa Patel 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

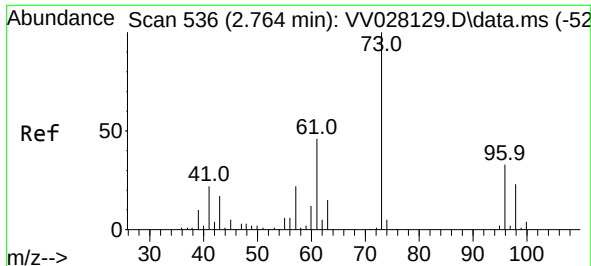


#14
Carbon disulfide
Concen: 0.131 ug/L
RT: 2.291 min Scan# 389
Delta R.T. 0.003 min
Lab File: VV028144.D
Acq: 27 Sep 2022 17:05



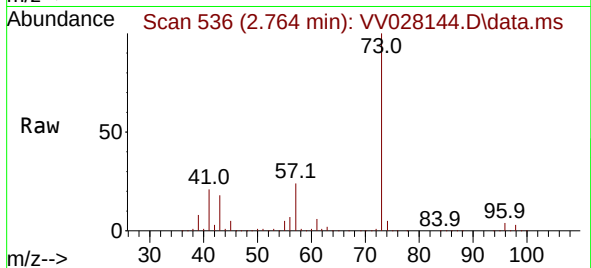
Tgt Ion: 76 Resp: 3201
Ion Ratio Lower Upper
76 100
78 12.8 7.6 11.4#





#17
Methyl tert-butyl Ether
Concen: 62.293 ug/L
RT: 2.764 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV028144.D
Acq: 27 Sep 2022 17:05

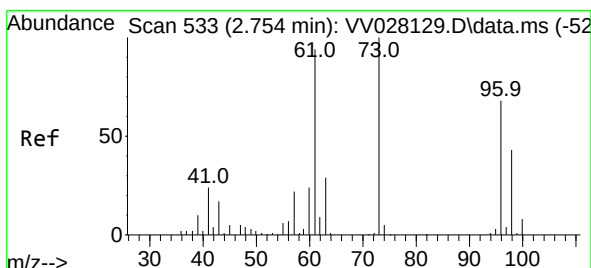
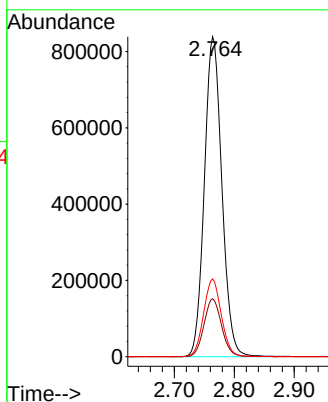
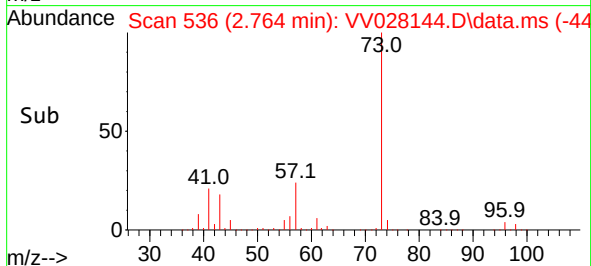
Instrument :
MSVOA_V
ClientSampleId :
F5H32



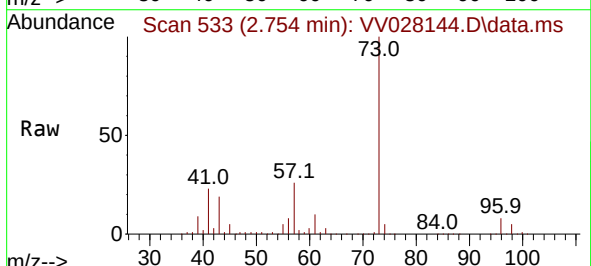
Tgt Ion: 73 Resp: 1704504
Ion Ratio Lower Upper
73 100
43 18.1 15.7 23.5
57 24.6 17.8 26.8

Manual Integrations
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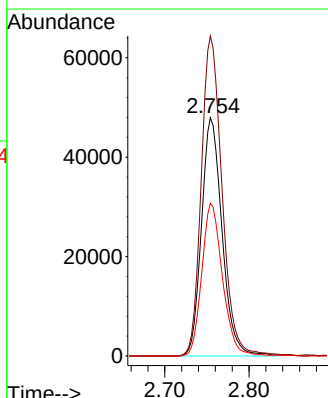
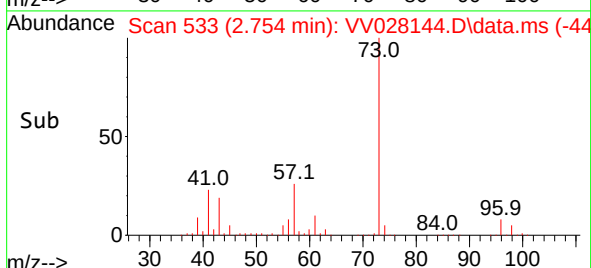
Reviewed By :Krupa Patel 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

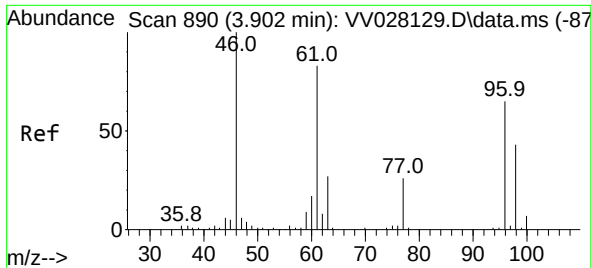


#18
trans-1,2-Dichloroethene
Concen: 7.324 ug/L
RT: 2.754 min Scan# 533
Delta R.T. 0.000 min
Lab File: VV028144.D
Acq: 27 Sep 2022 17:05



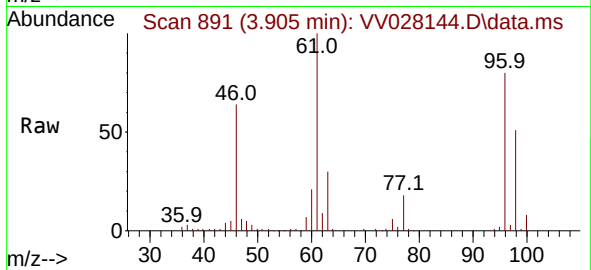
Tgt Ion: 96 Resp: 81547
Ion Ratio Lower Upper
96 100
61 134.3 96.2 178.6
98 64.1 45.7 84.9





#22
cis-1,2-Dichloroethene
Concen: 7.249 ug/L
RT: 3.905 min Scan# 891
Delta R.T. 0.003 min
Lab File: VV028144.D
Acq: 27 Sep 2022 17:05

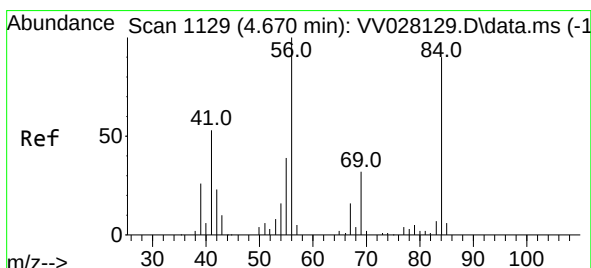
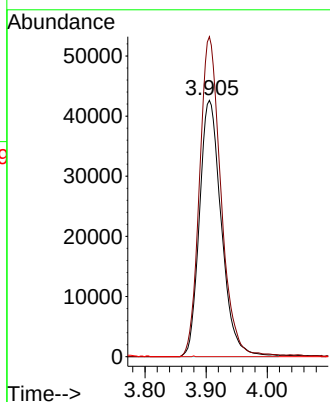
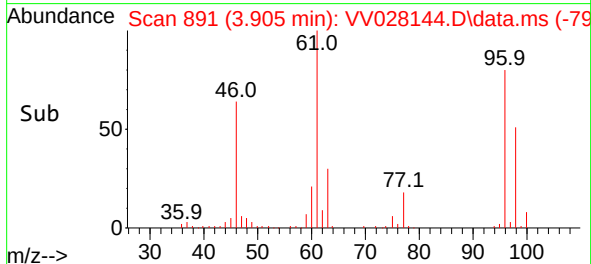
Instrument :
MSVOA_V
ClientSampleId :
F5H32



Tgt Ion: 96 Resp: 10591
Ion Ratio Lower Upper
96 100
61 124.8 87.2 161.9
68 0.0 0.0 0.0

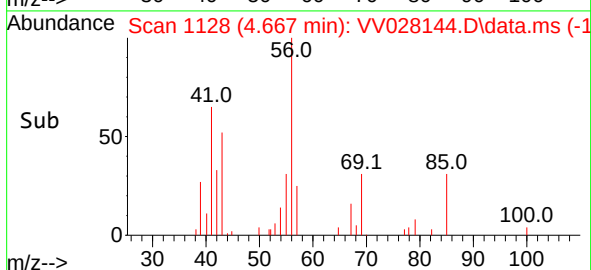
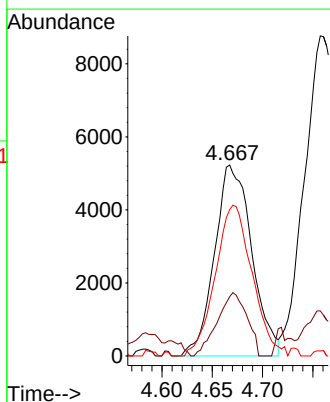
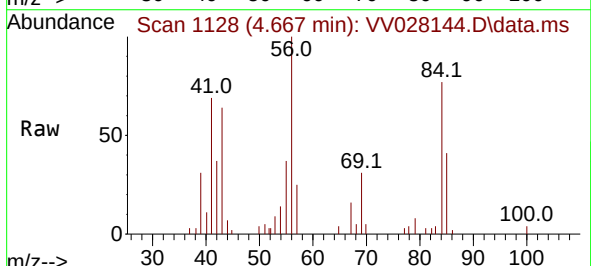
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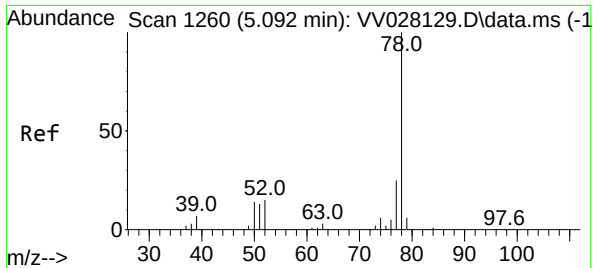
Reviewed By :Krupa Patel 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#30
Cyclohexane
Concen: 0.832 ug/L
RT: 4.667 min Scan# 1128
Delta R.T. -0.003 min
Lab File: VV028144.D
Acq: 27 Sep 2022 17:05

Tgt Ion: 56 Resp: 13458
Ion Ratio Lower Upper
56 100
69 26.4 23.7 35.5
84 78.0 67.3 100.9





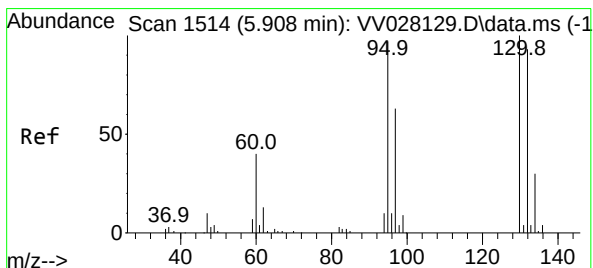
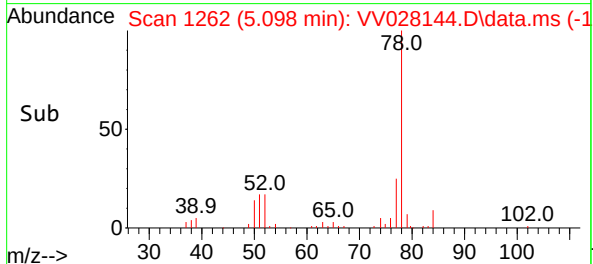
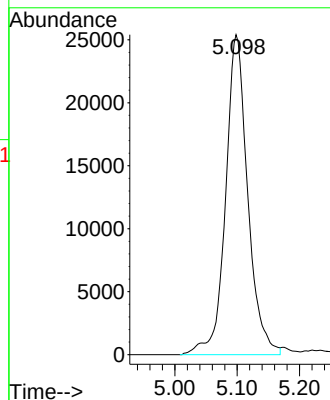
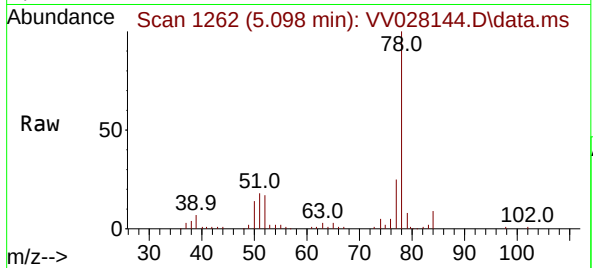
#33
Benzene
Concen: 1.241 ug/L
RT: 5.098 min Scan# 1260
Delta R.T. 0.007 min
Lab File: VV028144.D
Acq: 27 Sep 2022 17:05

Instrument :
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Tgt Ion: 78 Resp: 6274

Manual Integrations
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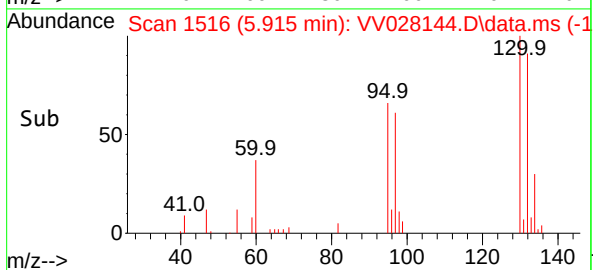
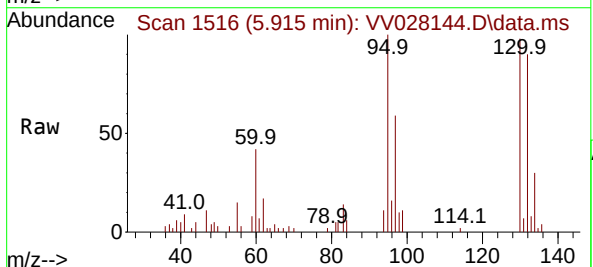
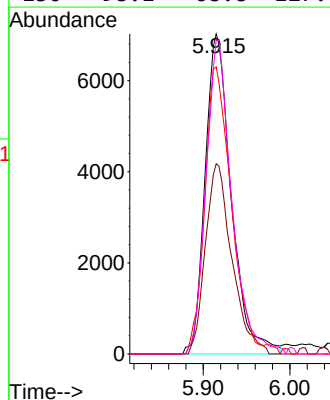
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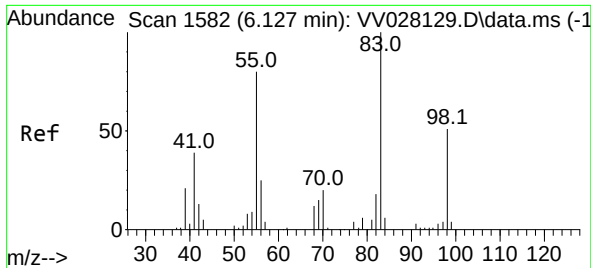


#34
Trichloroethene
Concen: 1.169 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. 0.007 min
Lab File: VV028144.D
Acq: 27 Sep 2022 17:05

Tgt Ion: 95 Resp: 14714

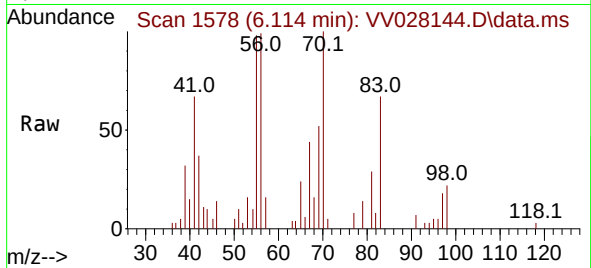
Ion	Ratio	Lower	Upper
95	100		
97	59.5	44.2	82.0
132	89.7	67.8	126.0
130	98.1	68.8	127.8





#35
Methylcyclohexane
Concen: 0.334 ug/L m
RT: 6.114 min Scan# 11
Delta R.T. -0.013 min
Lab File: VV028144.D
Acq: 27 Sep 2022 17:05

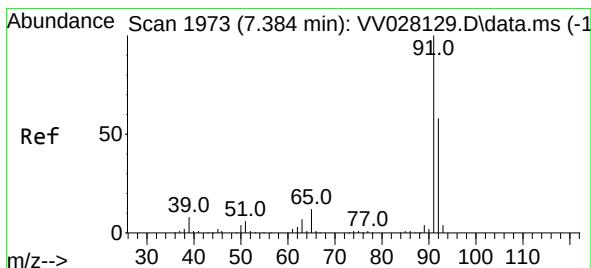
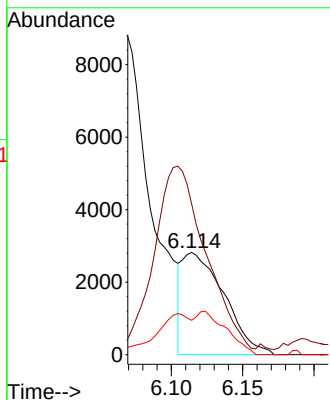
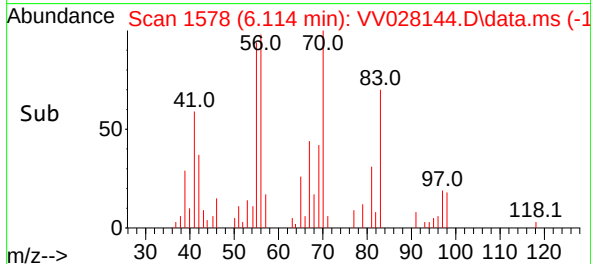
Instrument :
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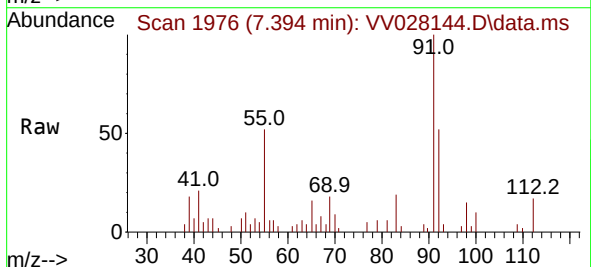
Tgt Ion: 83 Resp: 5762
Ion Ratio Lower Upper
83 100
55 234.1 64.7 97.1
98 34.9 39.5 59.3

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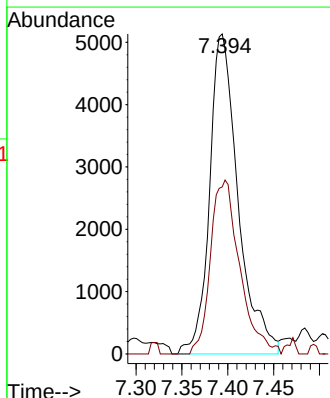
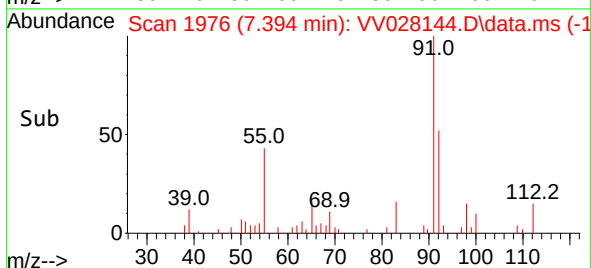
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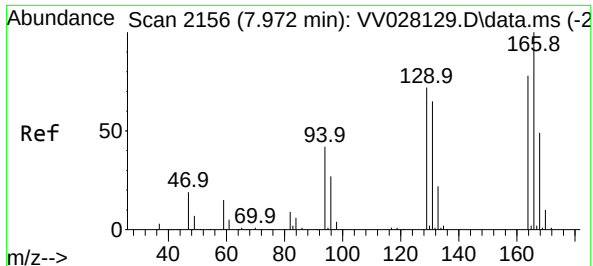


#42
Toluene
Concen: 0.211 ug/L
RT: 7.394 min Scan# 1976
Delta R.T. 0.010 min
Lab File: VV028144.D
Acq: 27 Sep 2022 17:05



Tgt Ion: 91 Resp: 11134
Ion Ratio Lower Upper
91 100
92 52.2 40.2 74.6





#47

Tetrachloroethene

Concen: 1.719 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. 0.000 min

Lab File: VV028144.D

Acq: 27 Sep 2022 17:05

Instrument :

MSVOA_V

ClientSampleId :

F5H32

Tgt Ion:164 Resp: 1727

Ion Ratio Lower Upper

164 100

129 88.4 66.7 123.9

131 86.6 61.7 114.5

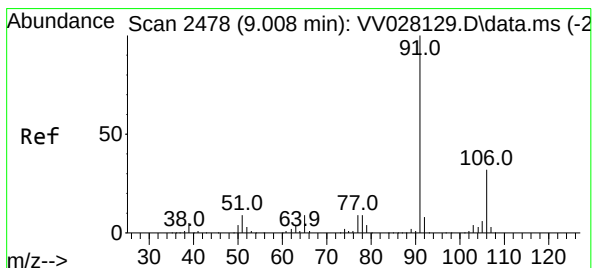
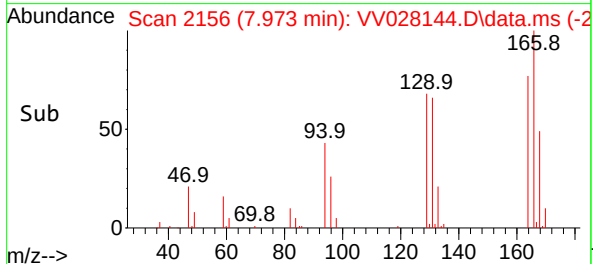
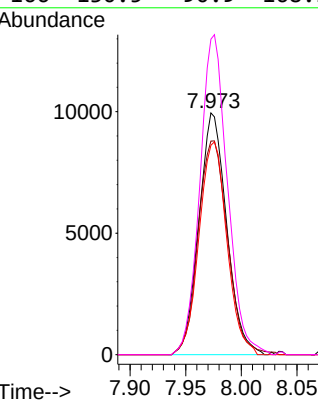
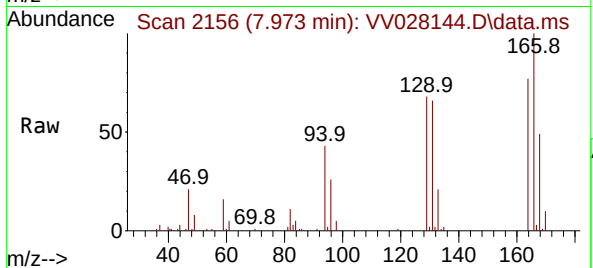
166 130.5 90.9 168.9

Manual Integrations

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Reviewed By :Krupa Patel 09/28/2022

Supervised By :Mahesh Dadoda 09/28/2022



#52

Ethylbenzene

Concen: 0.358 ug/L

RT: 9.014 min Scan# 2480

Delta R.T. 0.007 min

Lab File: VV028144.D

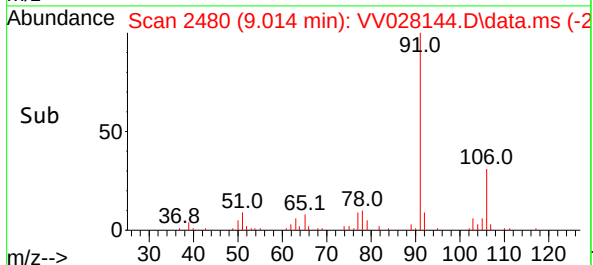
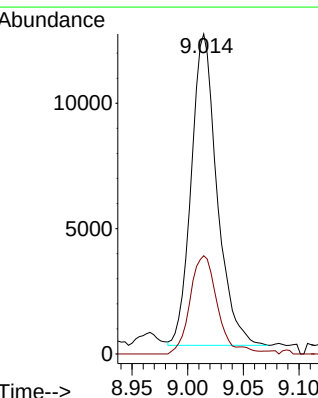
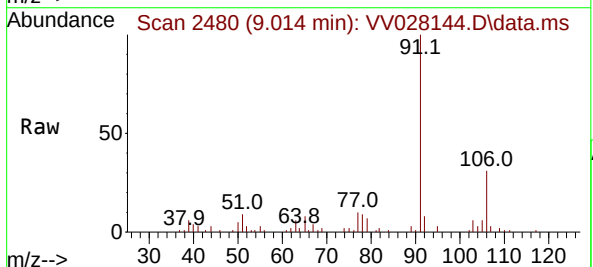
Acq: 27 Sep 2022 17:05

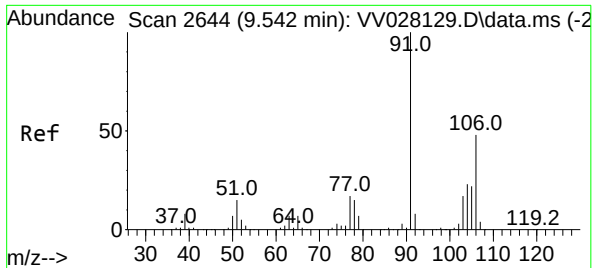
Tgt Ion: 91 Resp: 19988

Ion Ratio Lower Upper

91 100

106 30.7 21.5 39.9





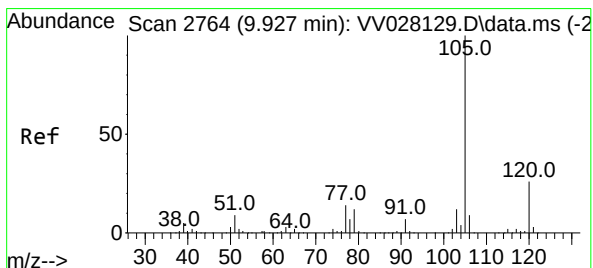
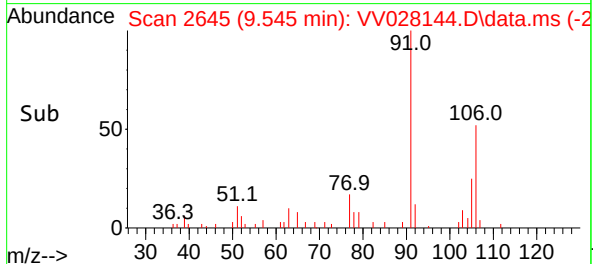
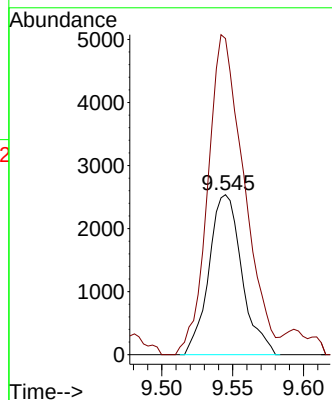
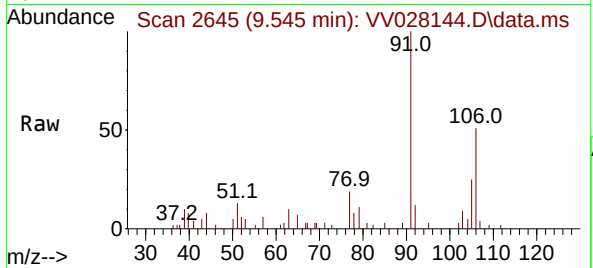
#54
o-Xylene
Concen: 0.194 ug/L
RT: 9.545 min Scan# 206
Delta R.T. 0.003 min
Lab File: VV028144.D
Acq: 27 Sep 2022 17:05

Instrument :
MSVOA_V
ClientSampleId :
F5H32

Tgt Ion:106 Resp: 4100
Ion Ratio Lower Upper
106 100
91 197.7 148.1 275.0

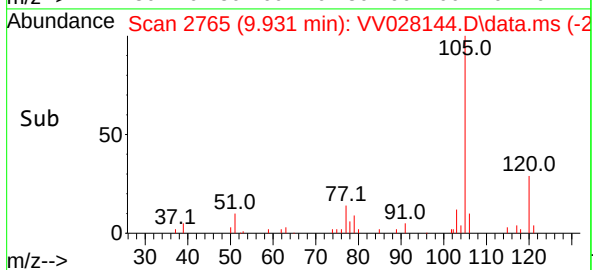
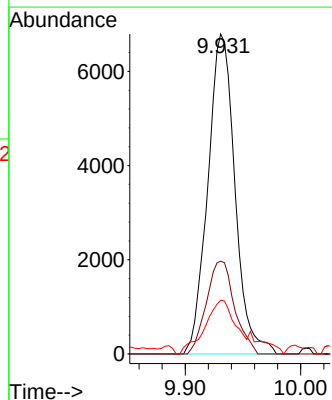
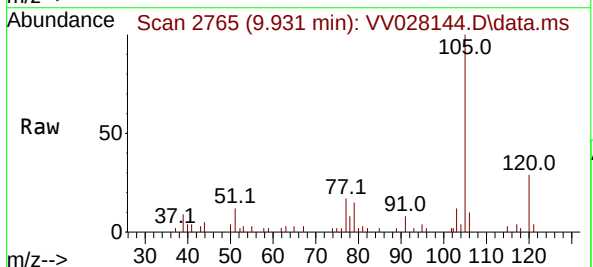
Manual Integrations
APPROVED

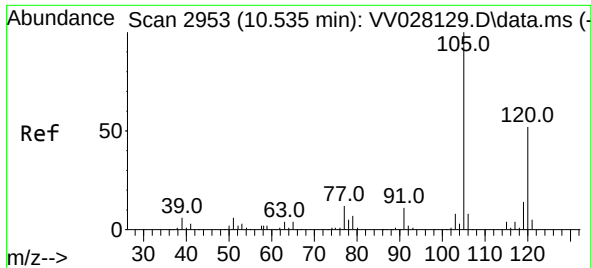
Reviewed By :Krupa Patel 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#60
Isopropylbenzene
Concen: 0.206 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. 0.003 min
Lab File: VV028144.D
Acq: 27 Sep 2022 17:05

Tgt Ion:105 Resp: 11095
Ion Ratio Lower Upper
105 100
120 30.0 21.4 32.0
77 22.6 12.2 18.4#





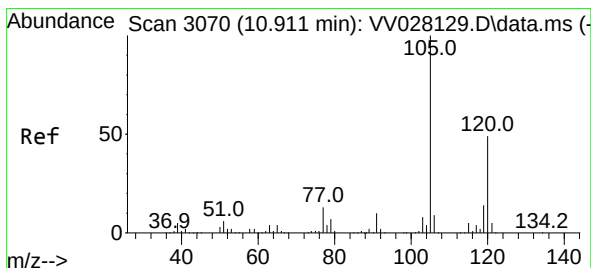
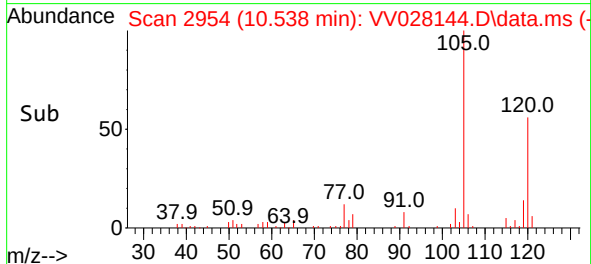
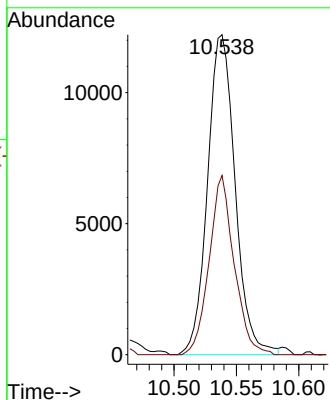
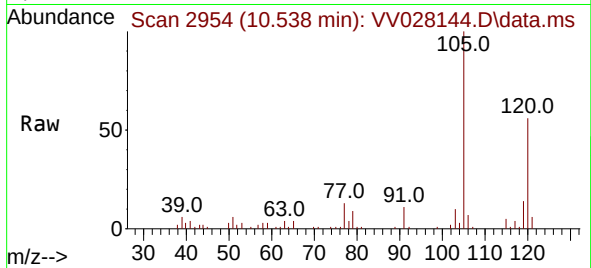
#62
1,3,5-Trimethylbenzene
Concen: 1.242 ug/L
RT: 10.538 min Scan# 2953
Delta R.T. 0.003 min
Lab File: VV028144.D
Acq: 27 Sep 2022 17:05

Instrument :
MSVOA_V
ClientSampleId :
F5H32

Tgt Ion:105 Resp: 1884
Ion Ratio Lower Upper
105 100
120 50.7 40.6 61.0

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#63
1,2,4-Trimethylbenzene
Concen: 0.208 ug/L
RT: 10.915 min Scan# 3071
Delta R.T. 0.003 min
Lab File: VV028144.D
Acq: 27 Sep 2022 17:05

Tgt Ion:105 Resp: 8833
Ion Ratio Lower Upper
105 100
120 50.9 37.8 56.8

