

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111622\
 Data File : VW029032.D
 Acq On : 16 Nov 2022 21:44
 Operator : SY/MD
 Sample : N5604-10
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H46G3

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 11/17/2022
 Supervised By :Mahesh Dadoda 11/17/2022

Quant Time: Nov 17 05:34:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 17 04:20:13 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	262708	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	239389	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	117022	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	77423	4.834	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.600%
7) Chloroethane-d5	1.564	69	66575	4.728	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.600%
11) 1,1-Dichloroethene-d2	2.105	63	105977	3.631	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.600%
20) 2-Butanone-d5	3.905	46	107959	40.268	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	80.540%
24) Chloroform-d	4.343	84	172625	5.250	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.000%
26) 1,2-Dichloroethane-d4	5.027	65	79082	5.345	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.000%
32) Benzene-d6	5.047	84	365924	5.121	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.400%
36) 1,2-Dichloropropane-d6	6.066	67	108866	5.456	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.200%
41) Toluene-d8	7.310	98	346022	5.380	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.600%
43) trans-1,3-Dichloroprop...	7.622	79	33551	5.156	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	103.200%
46) 2-Hexanone-d5	8.088	63	137850	49.627	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.260%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	75147	5.432	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.600%
66) 1,2-Dichlorobenzene-d4	11.616	152	128775	6.151	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	123.000%#
Target Compounds						Qvalue
5) Vinyl chloride	1.310	62	13854	0.668	ug/L #	67
13) Acetone	2.195	43	11360m	6.587	ug/L	
14) Carbon disulfide	2.291	76	8808	0.156	ug/L	97
18) trans-1,2-Dichloroethene	2.761	96	5703	0.309	ug/L	91
19) 1,1-Dichloroethane	3.188	63	9722	0.322	ug/L	99
22) cis-1,2-Dichloroethene	3.915	96	3630	0.194	ug/L	93
30) Cyclohexane	4.667	56	5442	0.191	ug/L	96
33) Benzene	5.101	78	46668	0.638	ug/L	100
35) Methylcyclohexane	6.124	83	3452	0.105	ug/L #	41
42) Toluene	7.387	91	68427	0.866	ug/L	98
51) Chlorobenzene	8.883	112	4372	0.089	ug/L	89
52) Ethylbenzene	9.008	91	56741	0.690	ug/L	98
53) m,p-Xylene	9.133	106	39490	1.207	ug/L	98
54) o-Xylene	9.538	106	17725	0.570	ug/L	93
60) Isopropylbenzene	9.924	105	10552	0.139	ug/L	98
62) 1,3,5-Trimethylbenzene	10.535	105	4420	0.069	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	8651	0.134	ug/L	99

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

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

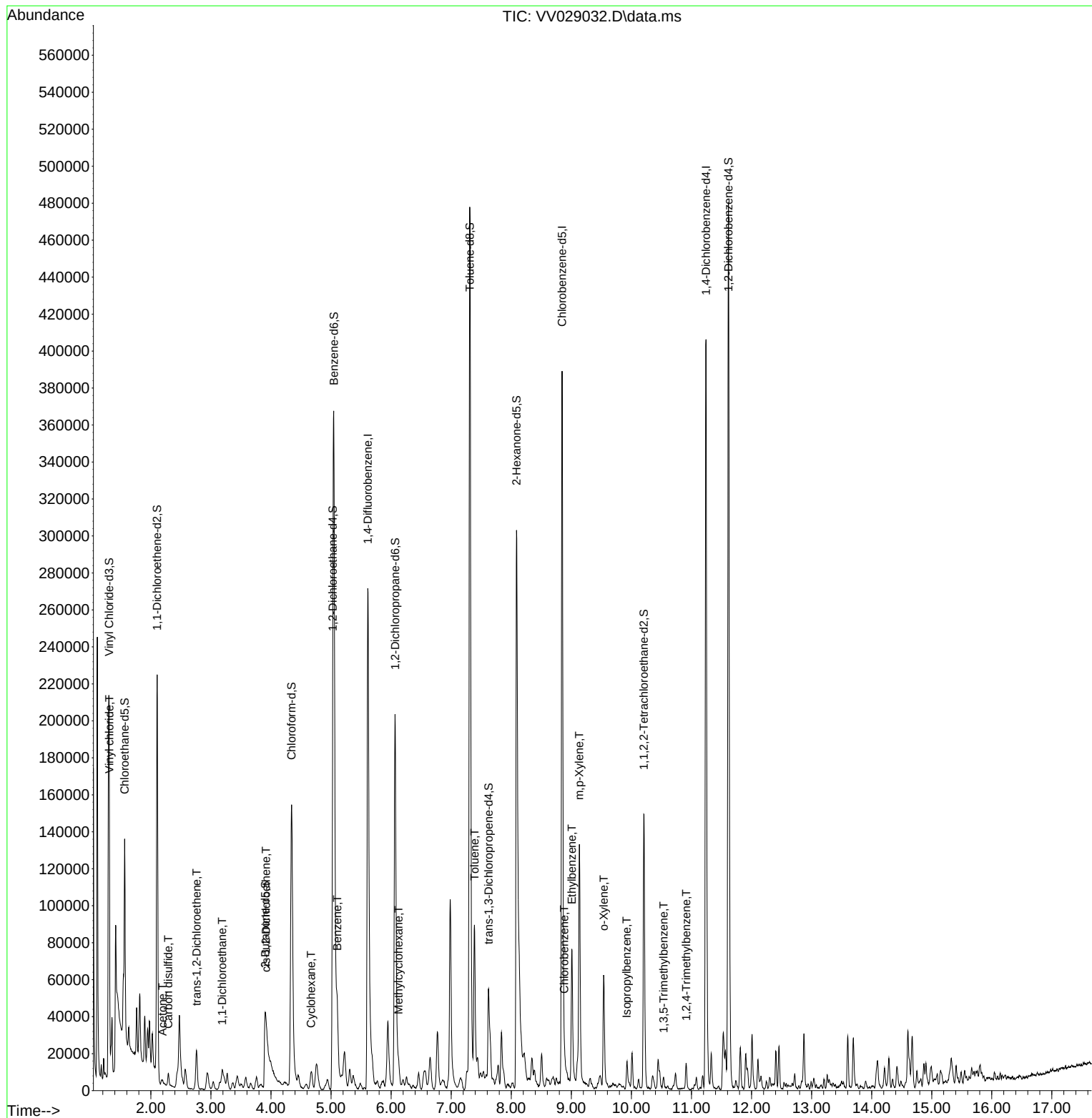
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111622\
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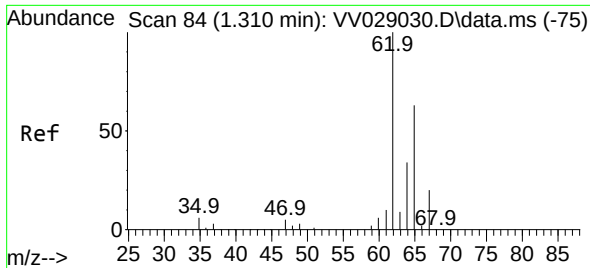
Instrument :
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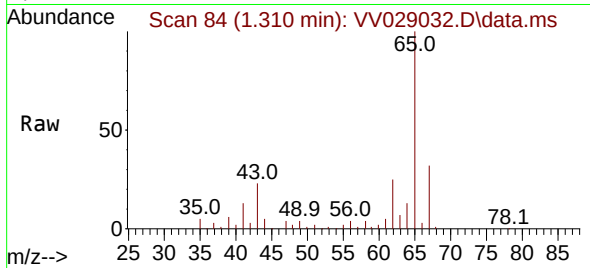
Quant Time: Nov 17 05:34:17 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
Quant Title : TRACE VOA SFAM1.0
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#5
 Vinyl chloride
 Concen: 0.668 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VV029032.D
 Acq: 16 Nov 2022 21:44

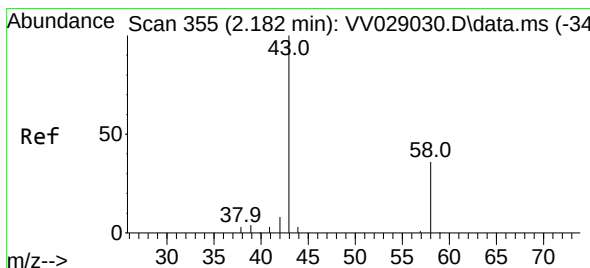
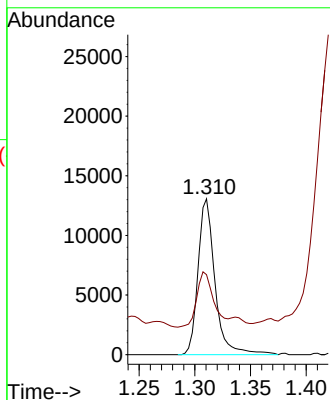
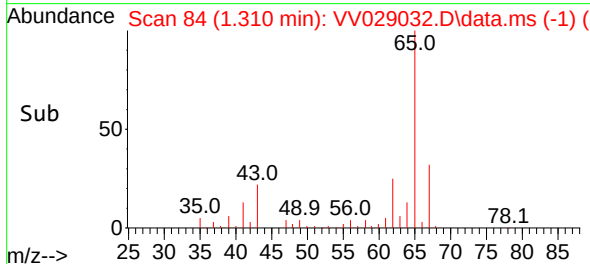
Instrument :
 MSVOA_V
 ClientSampleId :
 H46G3



Tgt Ion: 62 Resp: 13854
 Ion Ratio Lower Upper
 62 100
 64 51.3 22.8 42.4

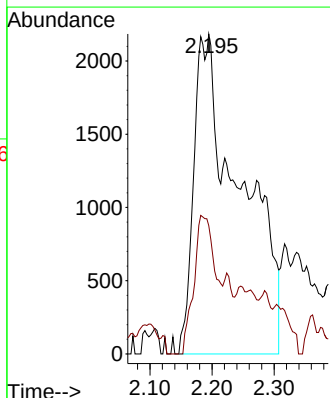
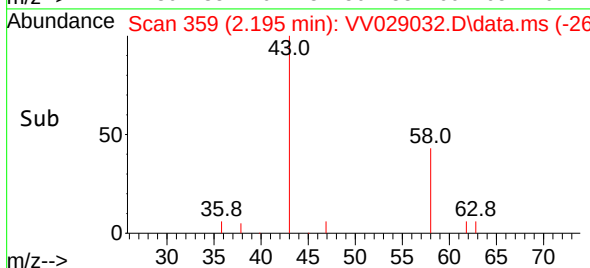
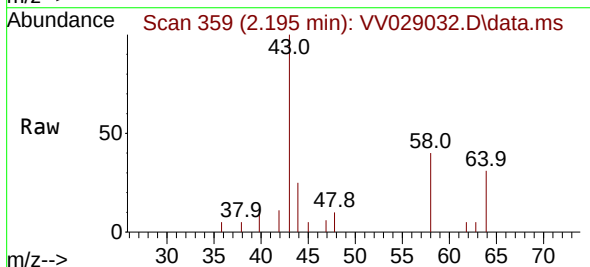
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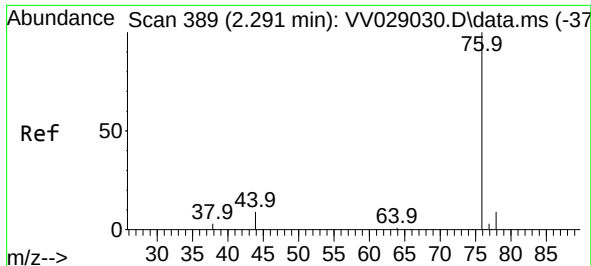
Reviewed By :Krupa Patel 11/17/2022
 Supervised By :Mahesh Dadoda 11/17/2022



#13
 Acetone
 Concen: 6.587 ug/L m
 RT: 2.195 min Scan# 359
 Delta R.T. 0.013 min
 Lab File: VV029032.D
 Acq: 16 Nov 2022 21:44

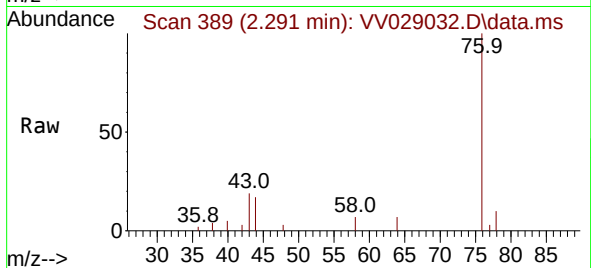
Tgt Ion: 43 Resp: 11360
 Ion Ratio Lower Upper
 43 100
 58 0.9 0.0 56.6





#14
Carbon disulfide
Concen: 0.156 ug/L
RT: 2.291 min Scan# 389
Delta R.T. 0.000 min
Lab File: VV029032.D
Acq: 16 Nov 2022 21:44

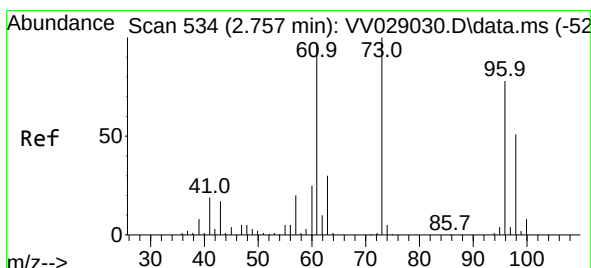
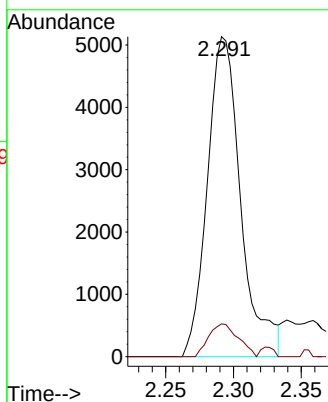
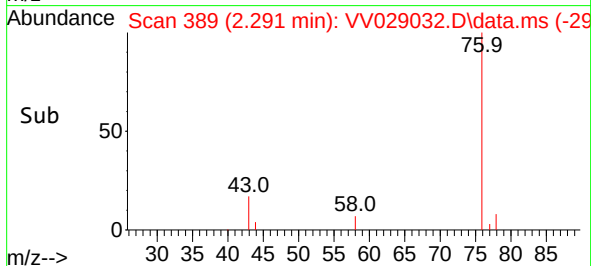
Instrument :
MSVOA_V
ClientSampleId :
H46G3



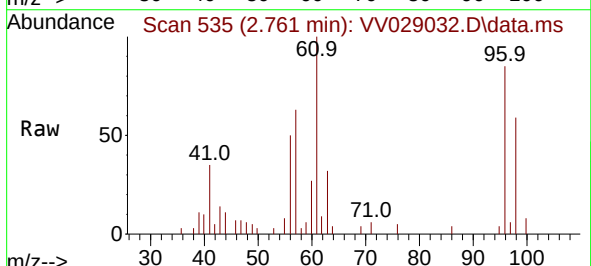
Tgt Ion: 76 Resp: 880
Ion Ratio Lower Upper
76 100
78 10.2 7.4 11.2

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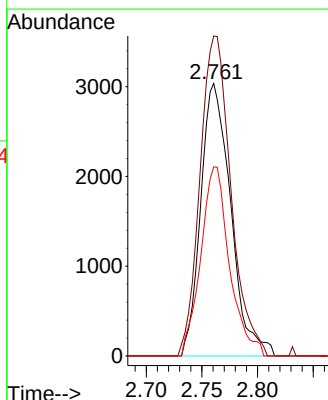
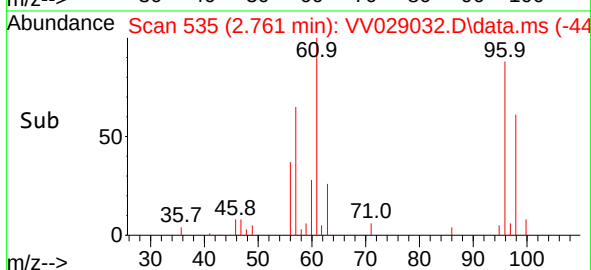
Reviewed By :Krupa Patel 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022

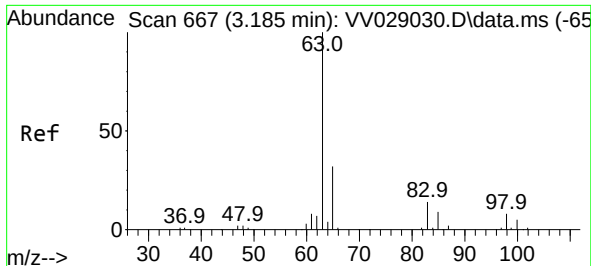


#18
trans-1,2-Dichloroethene
Concen: 0.309 ug/L
RT: 2.761 min Scan# 535
Delta R.T. 0.003 min
Lab File: VV029032.D
Acq: 16 Nov 2022 21:44



Tgt Ion: 96 Resp: 5703
Ion Ratio Lower Upper
96 100
61 117.4 91.8 170.6
98 69.4 46.4 86.2





#19

1,1-Dichloroethane

Concen: 0.322 ug/L

RT: 3.188 min Scan# 60

Delta R.T. 0.003 min

Lab File: VV029032.D

Acq: 16 Nov 2022 21:44

Instrument :

MSVOA_V

ClientSampleId :

H46G3

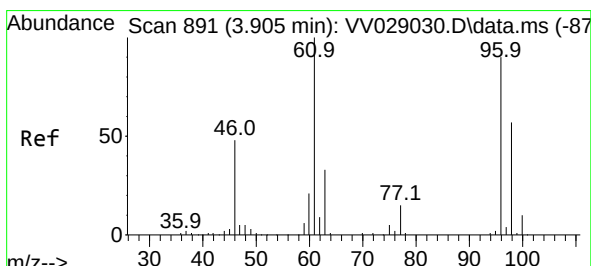
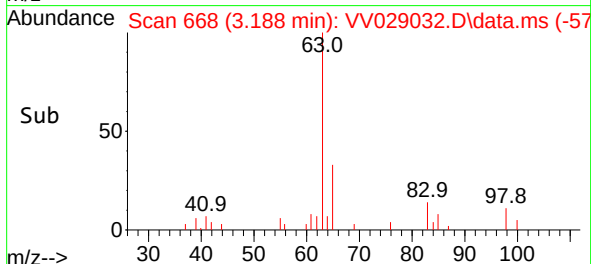
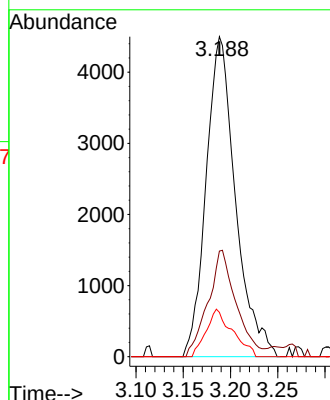
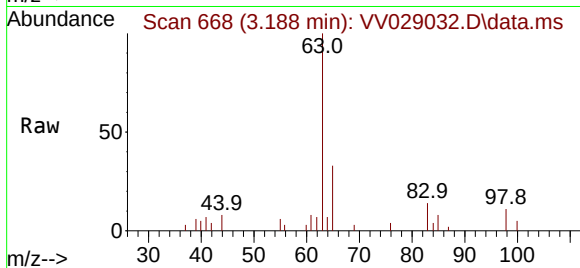
Tgt Ion: 63	Resp: 972
Ion Ratio	Lower Upper
63 100	
65 33.0	23.0 42.6
83 13.9	9.4 17.6

Manual Integrations

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Supervised By :Mahesh Dadoda 11/17/2022



#22

cis-1,2-Dichloroethene

Concen: 0.194 ug/L

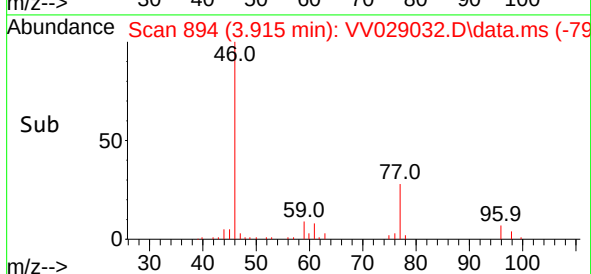
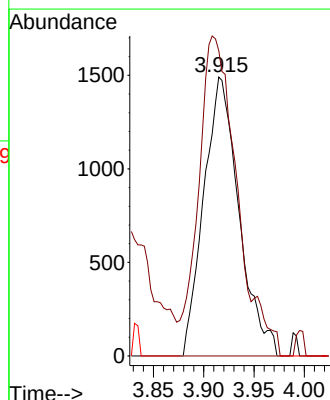
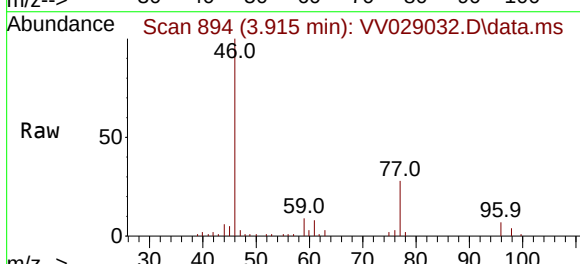
RT: 3.915 min Scan# 894

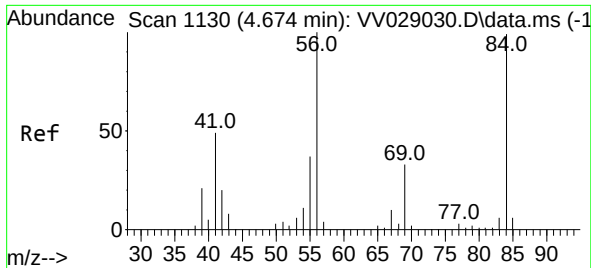
Delta R.T. 0.010 min

Lab File: VV029032.D

Acq: 16 Nov 2022 21:44

Tgt Ion: 96	Resp: 3630
Ion Ratio	Lower Upper
96 100	
61 109.5	82.3 152.9
68 0.0	0.0 0.0





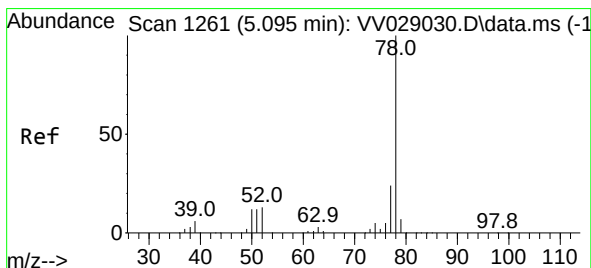
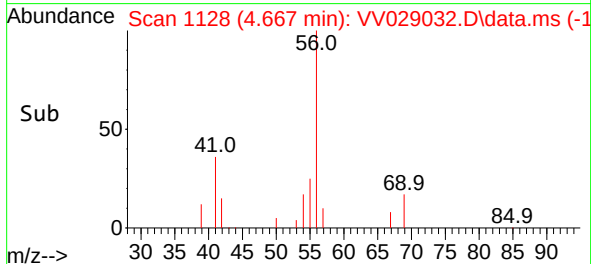
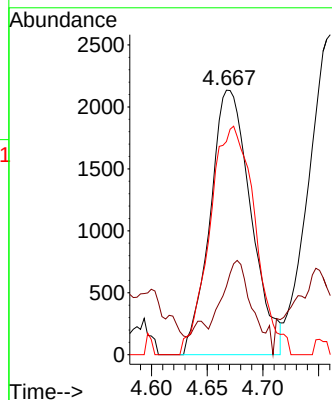
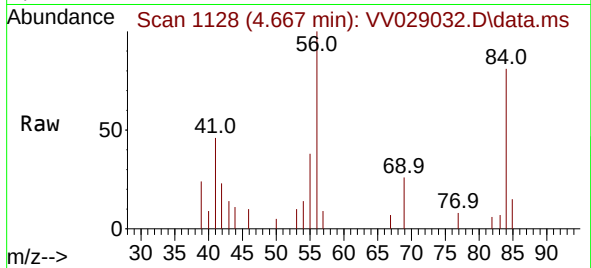
#30
Cyclohexane
Concen: 0.191 ug/L
RT: 4.667 min Scan# 1128
Delta R.T. -0.006 min
Lab File: VV029032.D
Acq: 16 Nov 2022 21:44

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H46G3

Tgt Ion: 56 Resp: 544
Ion Ratio Lower Upper
56 100
69 27.0 26.1 39.1
84 95.8 77.9 116.9

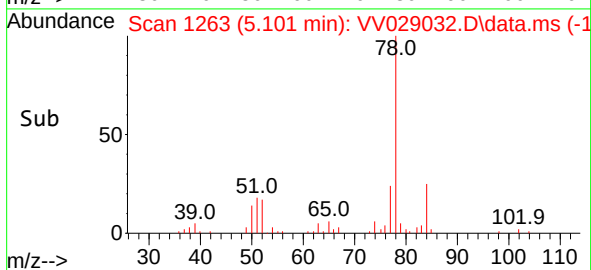
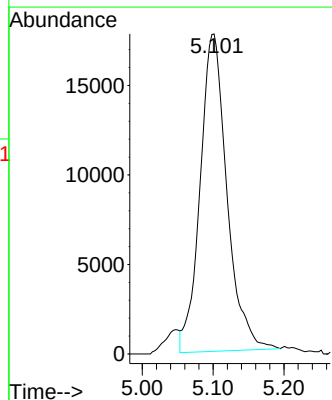
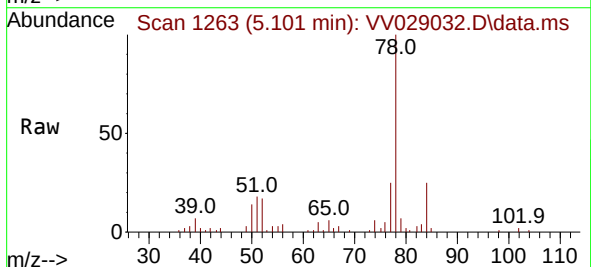
Manual Integrations
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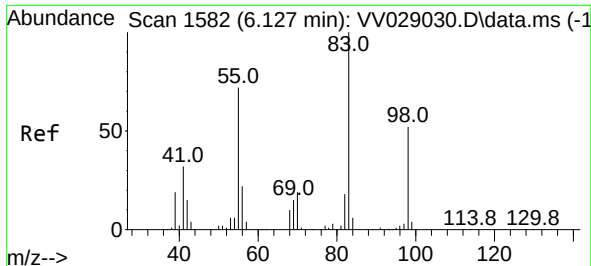
Reviewed By :Krupa Patel 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022



#33
Benzene
Concen: 0.638 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.006 min
Lab File: VV029032.D
Acq: 16 Nov 2022 21:44

Tgt Ion: 78 Resp: 46668





#35

Methylcyclohexane

Concen: 0.105 ug/L

RT: 6.124 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV029032.D

Acq: 16 Nov 2022 21:44

Instrument :

MSVOA_V

ClientSampleId :

H46G3

Tgt Ion: 83 Resp: 345

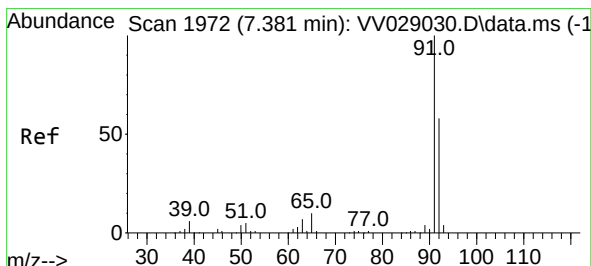
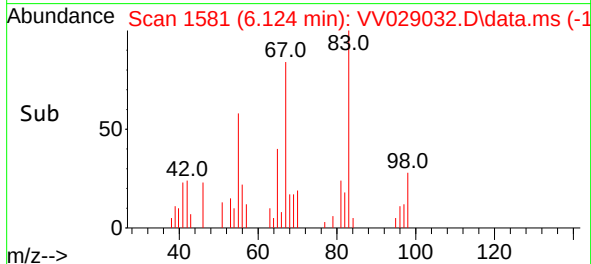
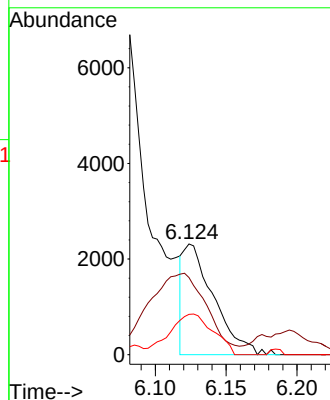
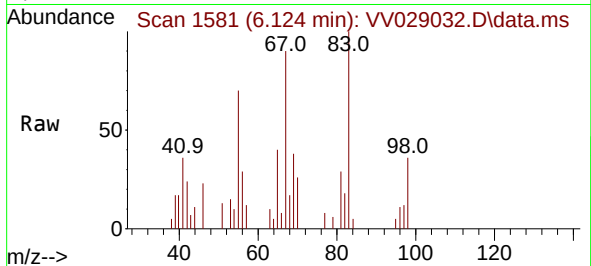
Ion	Ratio	Lower	Upper
83	100		
55	146.3	55.8	83.6
98	52.8	38.2	57.2

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Reviewed By :Krupa Patel 11/17/2022

Supervised By :Mahesh Dadoda 11/17/2022



#42

Toluene

Concen: 0.866 ug/L

RT: 7.387 min Scan# 1974

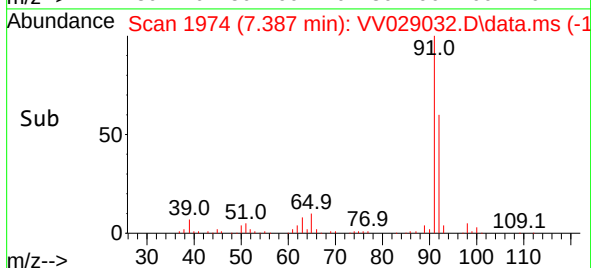
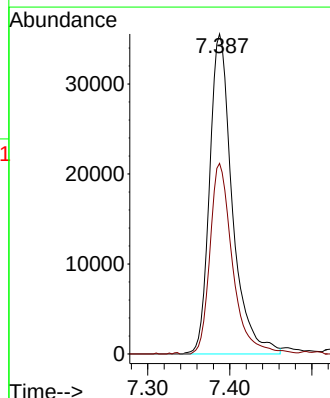
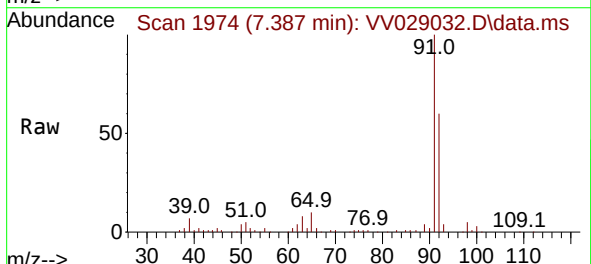
Delta R.T. 0.007 min

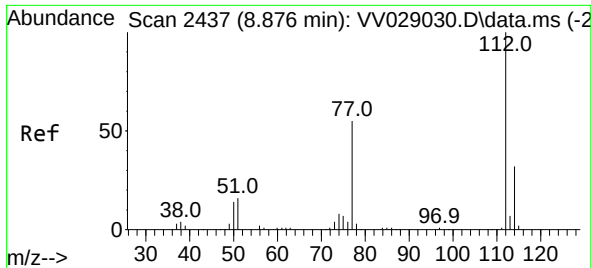
Lab File: VV029032.D

Acq: 16 Nov 2022 21:44

Tgt Ion: 91 Resp: 68427

Ion	Ratio	Lower	Upper
91	100		
92	59.5	40.7	75.5





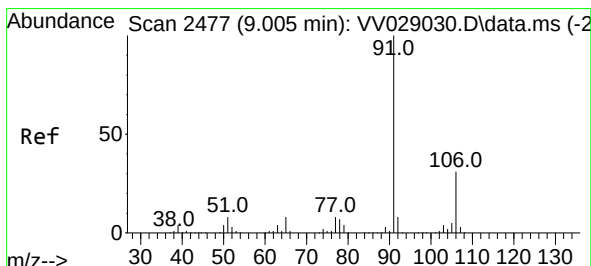
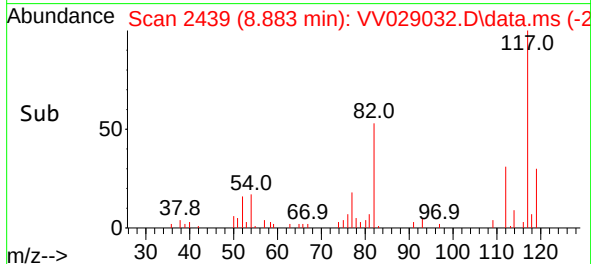
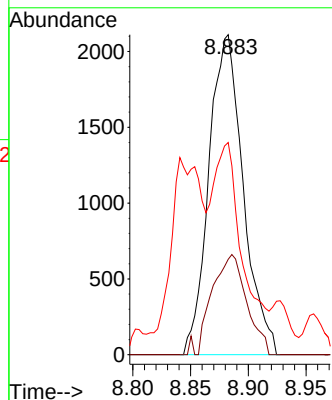
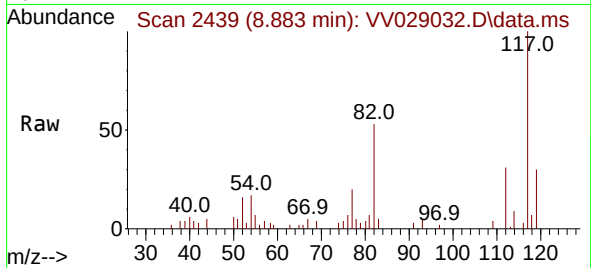
#51
Chlorobenzene
Concen: 0.089 ug/L
RT: 8.883 min Scan# 2437
Delta R.T. 0.007 min
Lab File: VV029032.D
Acq: 16 Nov 2022 21:44

Instrument :
MSVOA_V
ClientSampleId :
H46G3

Tgt Ion:112 Resp: 4372
Ion Ratio Lower Upper
112 100
114 29.8 22.4 41.6
77 66.3 44.4 66.6

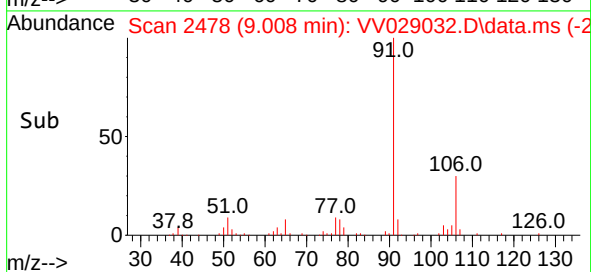
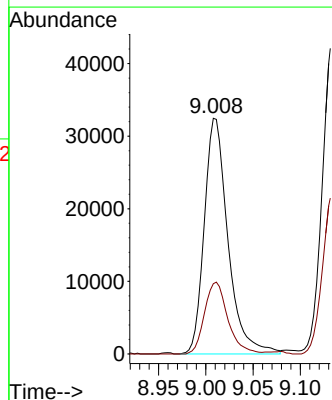
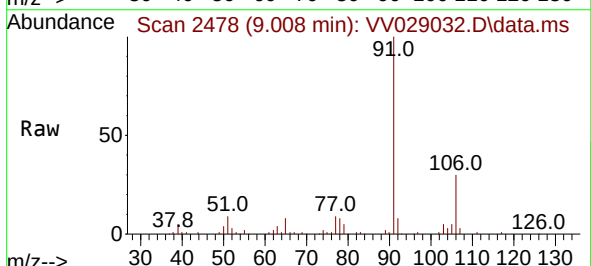
Manual Integrations
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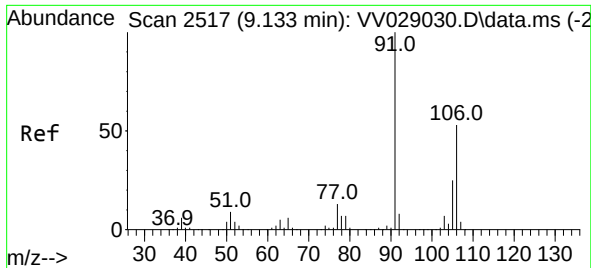
Reviewed By :Krupa Patel 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022



#52
Ethylbenzene
Concen: 0.690 ug/L
RT: 9.008 min Scan# 2478
Delta R.T. 0.003 min
Lab File: VV029032.D
Acq: 16 Nov 2022 21:44

Tgt Ion: 91 Resp: 56741
Ion Ratio Lower Upper
91 100
106 29.8 21.6 40.2





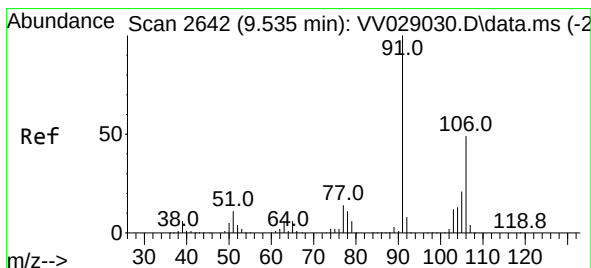
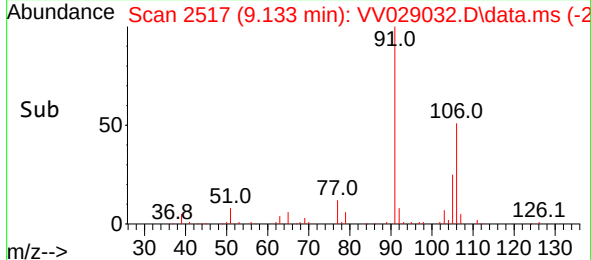
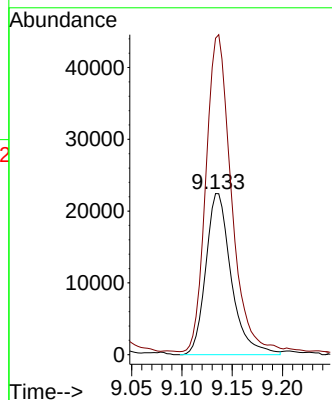
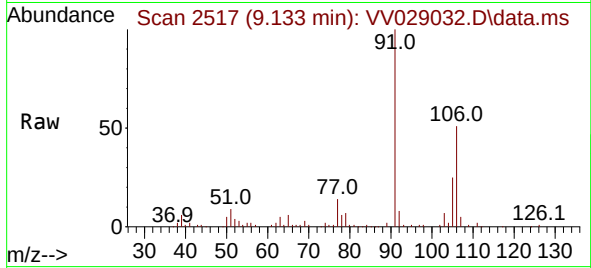
#53
m,p-Xylene
Concen: 1.207 ug/L
RT: 9.133 min Scan# 2517
Delta R.T. 0.000 min
Lab File: VV029032.D
Acq: 16 Nov 2022 21:44

Instrument :
MSVOA_V
ClientSampleId :
H46G3

Tgt Ion:106 Resp: 39490
Ion Ratio Lower Upper
106 100
91 196.3 139.1 258.3

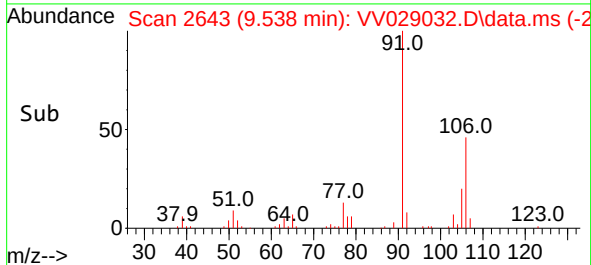
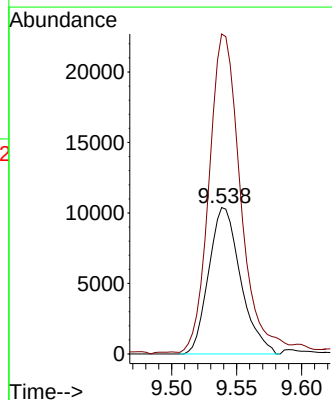
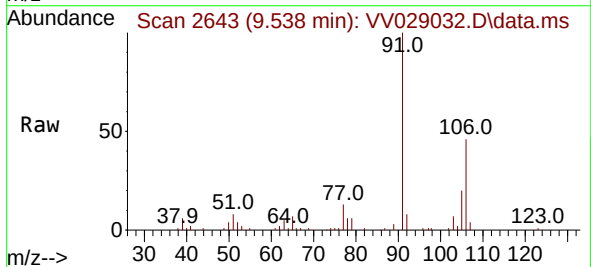
Manual Integrations
APPROVED

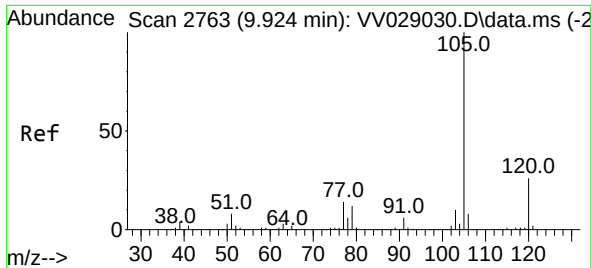
Reviewed By :Krupa Patel 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022



#54
o-Xylene
Concen: 0.570 ug/L
RT: 9.538 min Scan# 2643
Delta R.T. 0.003 min
Lab File: VV029032.D
Acq: 16 Nov 2022 21:44

Tgt Ion:106 Resp: 17725
Ion Ratio Lower Upper
106 100
91 218.6 145.7 270.7





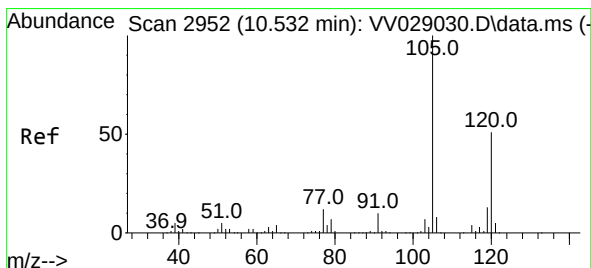
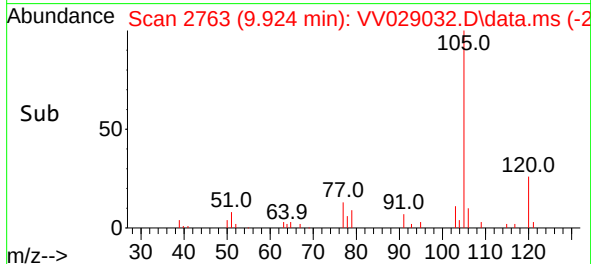
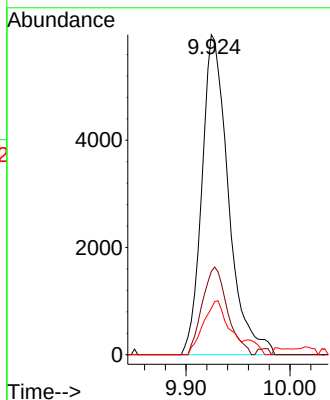
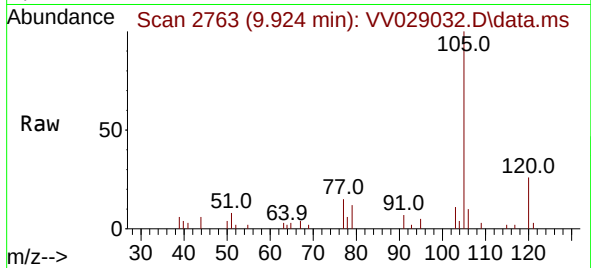
#60
Isopropylbenzene
Concen: 0.139 ug/L
RT: 9.924 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV029032.D
Acq: 16 Nov 2022 21:44

Instrument :
MSVOA_V
ClientSampleId :
H46G3

Tgt Ion:105 Resp: 1055
Ion Ratio Lower Upper
105 100
120 26.0 21.3 31.9
77 16.6 11.8 17.8

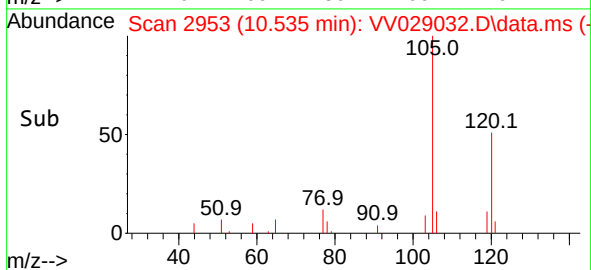
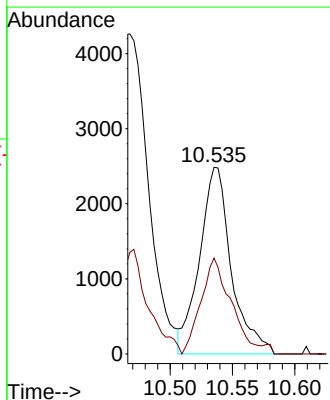
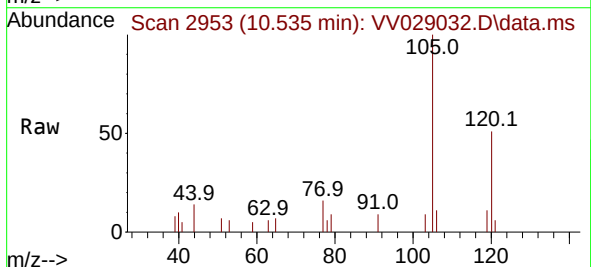
Manual Integrations
APPROVED

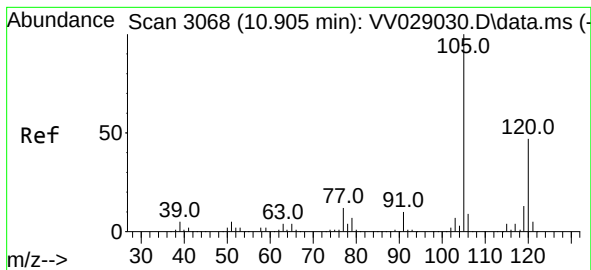
Reviewed By :Krupa Patel 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022



#62
1,3,5-Trimethylbenzene
Concen: 0.069 ug/L
RT: 10.535 min Scan# 2953
Delta R.T. 0.003 min
Lab File: VV029032.D
Acq: 16 Nov 2022 21:44

Tgt Ion:105 Resp: 4420
Ion Ratio Lower Upper
105 100
120 50.0 39.9 59.9





#63

1,2,4-Trimethylbenzene

Concen: 0.134 ug/L

RT: 10.915 min Scan# 3068

Delta R.T. 0.010 min

Lab File: VV029032.D

Acq: 16 Nov 2022 21:44

Instrument :

MSVOA_V

ClientSampleId :

H46G3

Tgt Ion:105 Resp: 865

Ion Ratio Lower Upper

105 100

120 46.5 37.8 56.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 11/17/2022

Supervised By :Mahesh Dadoda 11/17/2022

