

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102722\
 Data File : VW028743.D
 Acq On : 28 Oct 2022 02:19
 Operator : SY/MD
 Sample : N5232-10
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHA50

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 10/28/2022
 Supervised By :Mahesh Dadoda 11/01/2022

Quant Time: Oct 28 05:39:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 28 05:21:35 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	156005	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	153576	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	73796	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	75685	6.976	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	139.600%#
7) Chloroethane-d5	1.565	69	64502	7.031	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	140.600%#
11) 1,1-Dichloroethene-d2	2.101	63	109117	5.199	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	104.000%
20) 2-Butanone-d5	3.905	46	96430	38.977	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	77.960%
24) Chloroform-d	4.343	84	115994	6.157	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	123.200%
26) 1,2-Dichloroethane-d4	5.031	65	59649	6.240	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	124.800%
32) Benzene-d6	5.043	84	236897	5.768	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	115.400%
36) 1,2-Dichloropropane-d6	6.066	67	84937	6.533	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	130.600%
41) Toluene-d8	7.310	98	197068	6.149	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	123.000%
43) trans-1,3-Dichloroprop...	7.625	79	11985	2.967	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	59.400%
46) 2-Hexanone-d5	8.088	63	90802	48.294	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.580%
56) 1,1,2,2-Tetrachloroeth...	10.210	84	52820	6.126	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	122.600%#
66) 1,2-Dichlorobenzene-d4	11.616	152	66306	6.514	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	130.200%#
Target Compounds						Qvalue
8) Chloroethane	1.581	64	98020	11.813	ug/L	92
13) Acetone	2.185	43	11675	7.951	ug/L	99
16) Methylene chloride	2.500	84	4204	0.356	ug/L	90
18) trans-1,2-Dichloroethene	2.757	96	2774	0.321	ug/L	96
19) 1,1-Dichloroethane	3.179	63	2553	0.123	ug/L #	88
30) Cyclohexane	4.670	56	34753	1.816	ug/L	97
33) Benzene	5.092	78	408404	8.898	ug/L	100
35) Methylcyclohexane	6.127	83	26903	1.713	ug/L	94
42) Toluene	7.391	91	30443	0.700	ug/L	96
51) Chlorobenzene	8.876	112	11420865	416.752	ug/L	90
52) Ethylbenzene	9.011	91	27739	0.574	ug/L	98
53) m,p-Xylene	9.137	106	20727	1.187	ug/L	98
54) o-Xylene	9.538	106	17812	1.014	ug/L	100
60) Isopropylbenzene	9.924	105	3921014	84.436	ug/L	99
63) 1,2,4-Trimethylbenzene	10.908	105	39813m	1.061	ug/L	
64) 1,3-Dichlorobenzene	11.178	146	14067	0.703	ug/L	98
65) 1,4-Dichlorobenzene	11.265	146	123250	6.176	ug/L	99
67) 1,2-Dichlorobenzene	11.635	146	58564	3.202	ug/L	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102722\
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 Quant Title : TRACE VOA SFAM1.0
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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

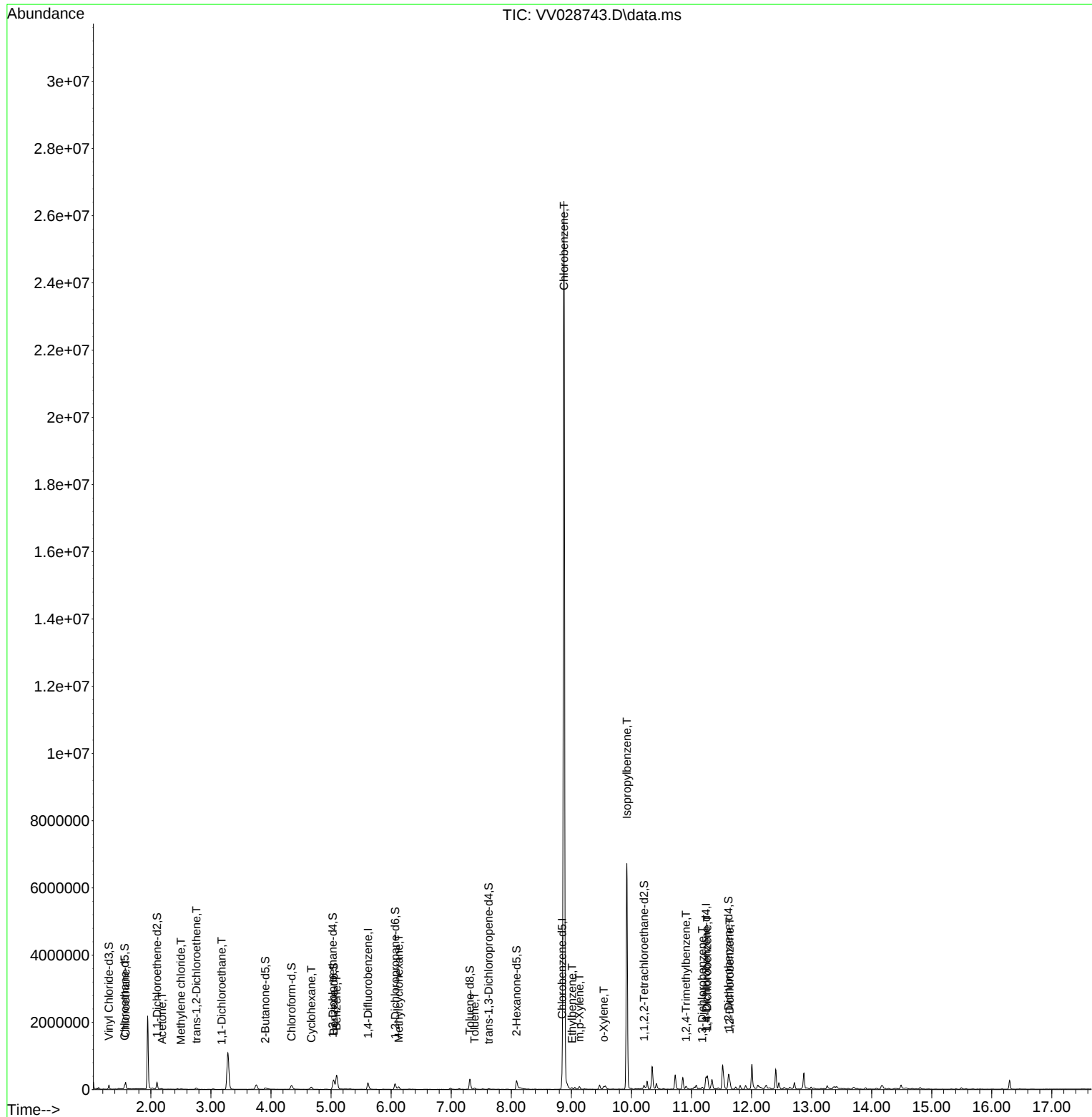
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102722\
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Operator : SY/MD
Sample : N5232-10
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 40 Sample Multiplier: 1

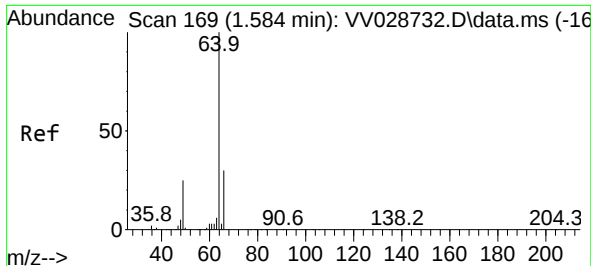
Instrument :
MSVOA_V
ClientSampleId :
BHA50

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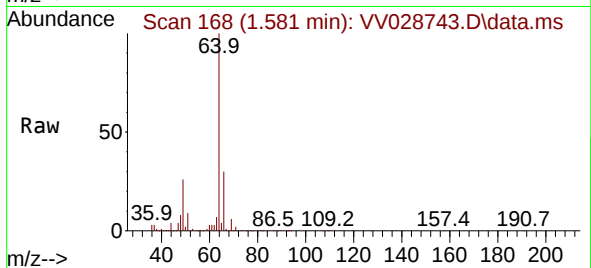
Quant Time: Oct 28 05:39:07 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102522WMA.M
Quant Title : TRACE VOA SFAM1.0
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#8
Chloroethane
Concen: 11.813 ug/L
RT: 1.581 min Scan# 169
Delta R.T. -0.003 min
Lab File: VV028743.D
Acq: 28 Oct 2022 02:19

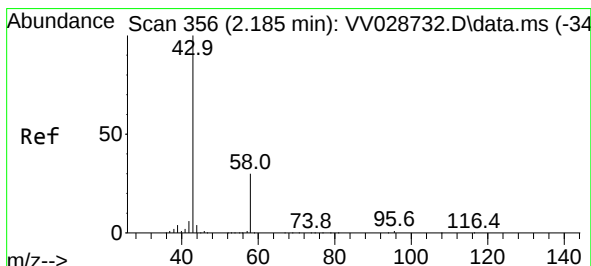
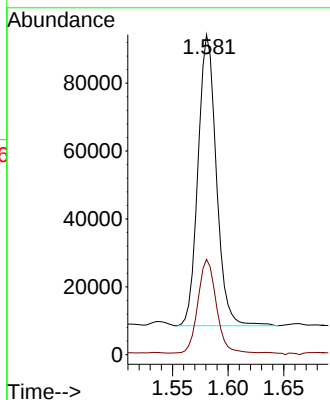
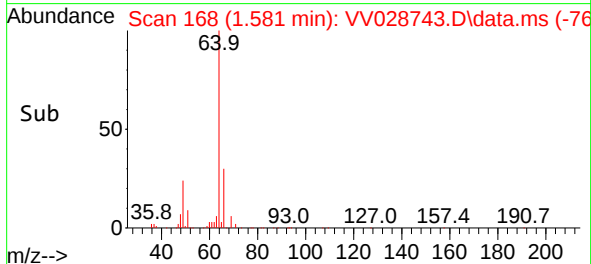
Instrument :
MSVOA_V
ClientSampleId :
BHA50



Tgt Ion: 64 Resp: 98020
Ion Ratio Lower Upper
64 100
66 29.8 23.9 44.5

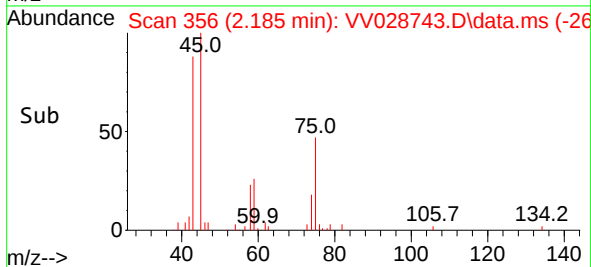
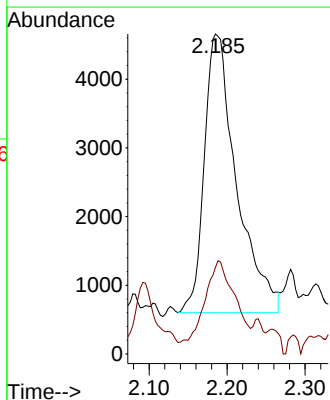
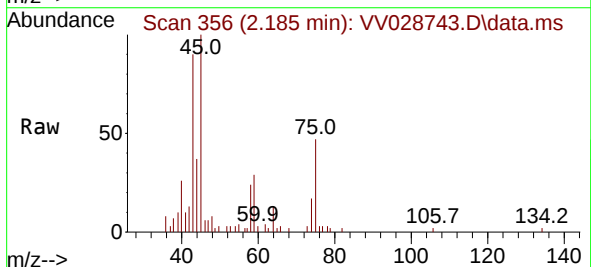
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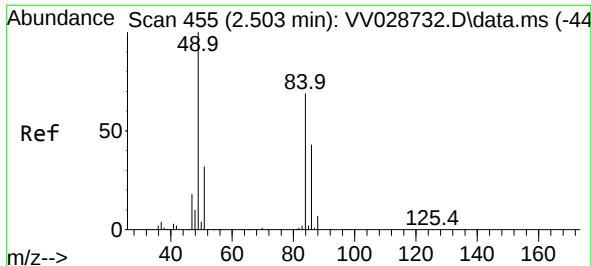
Reviewed By :Krupa Patel 10/28/2022
Supervised By :Mahesh Dadoda 11/01/2022



#13
Acetone
Concen: 7.951 ug/L
RT: 2.185 min Scan# 356
Delta R.T. 0.000 min
Lab File: VV028743.D
Acq: 28 Oct 2022 02:19

Tgt Ion: 43 Resp: 11675
Ion Ratio Lower Upper
43 100
58 25.8 0.0 50.2





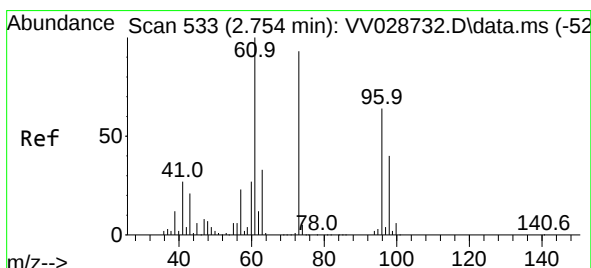
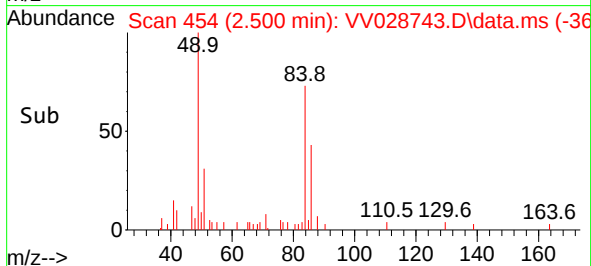
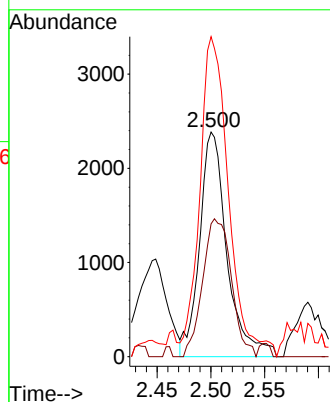
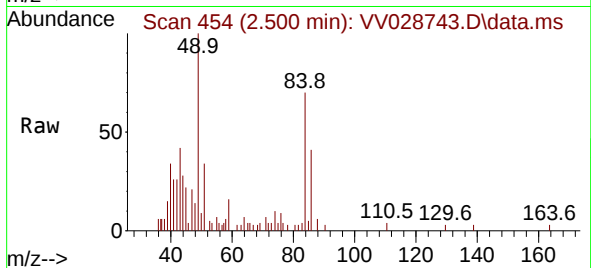
#16
Methylene chloride
Concen: 0.356 ug/L
RT: 2.500 min Scan# 41
Delta R.T. -0.003 min
Lab File: VV028743.D
Acq: 28 Oct 2022 02:19

Instrument :
MSVOA_V
ClientSampleId :
BHA50

Tgt Ion: 84 Resp: 4204
Ion Ratio Lower Upper
84 100
86 59.1 44.4 82.4
49 142.5 110.8 205.8

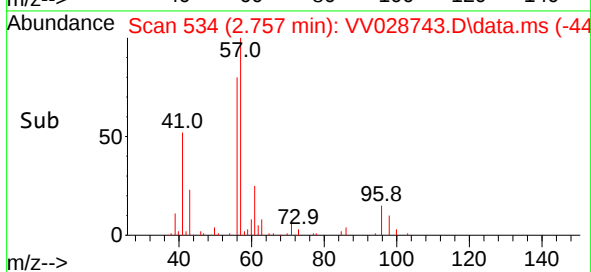
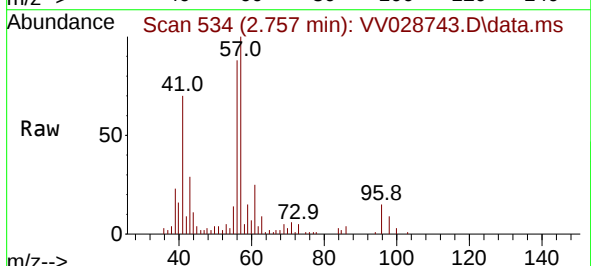
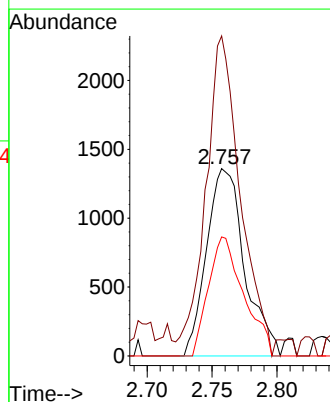
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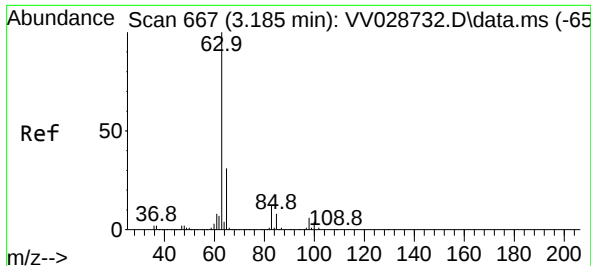
Reviewed By :Krupa Patel 10/28/2022
Supervised By :Mahesh Dadoda 11/01/2022



#18
trans-1,2-Dichloroethene
Concen: 0.321 ug/L
RT: 2.757 min Scan# 534
Delta R.T. 0.003 min
Lab File: VV028743.D
Acq: 28 Oct 2022 02:19

Tgt Ion: 96 Resp: 2774
Ion Ratio Lower Upper
96 100
61 170.8 114.3 212.3
98 63.5 45.0 83.6





#19

1,1-Dichloroethane

Concen: 0.123 ug/L

RT: 3.179 min Scan# 60

Delta R.T. -0.006 min

Lab File: VV028743.D

Acq: 28 Oct 2022 02:19

Instrument :

MSVOA_V

ClientSampleId :

BHA50

Tgt Ion: 63 Resp: 255

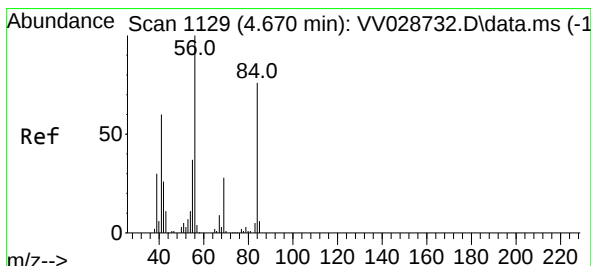
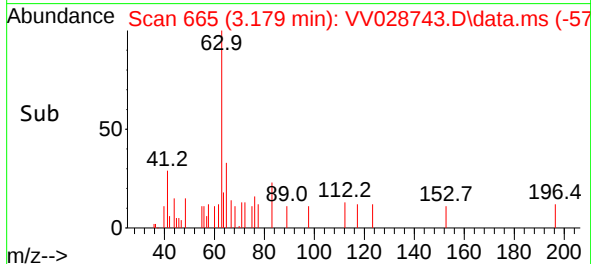
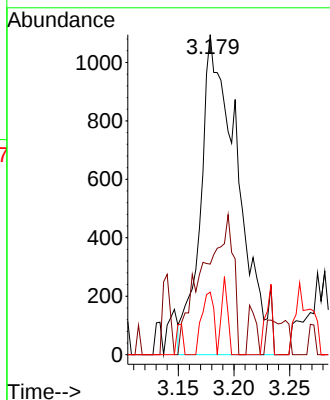
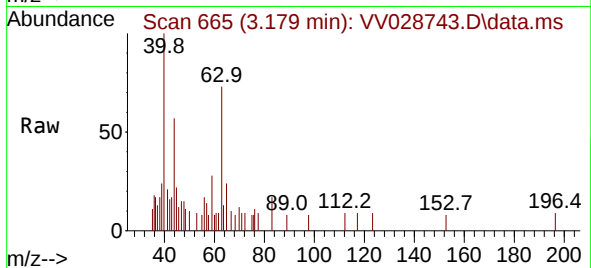
Ion	Ratio	Lower	Upper
63	100		
65	28.3	23.1	42.9
83	19.5	7.9	14.7

Manual Integrations

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Supervised By :Mahesh Dadoda 11/01/2022



#30

Cyclohexane

Concen: 1.816 ug/L

RT: 4.670 min Scan# 1129

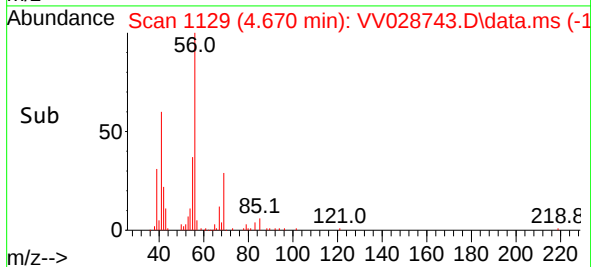
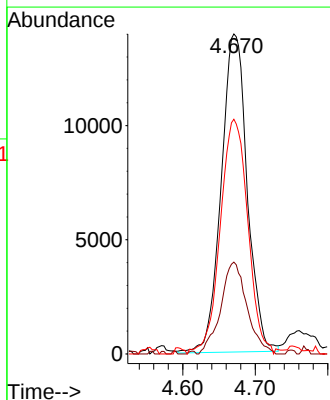
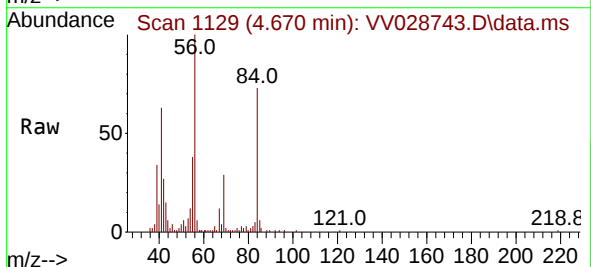
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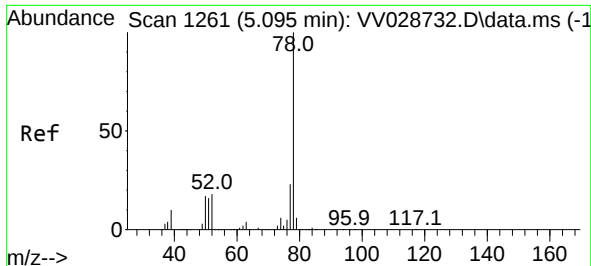
Lab File: VV028743.D

Acq: 28 Oct 2022 02:19

Tgt Ion: 56 Resp: 34753

Ion	Ratio	Lower	Upper
56	100		
69	29.2	22.6	34.0
84	77.9	60.4	90.6





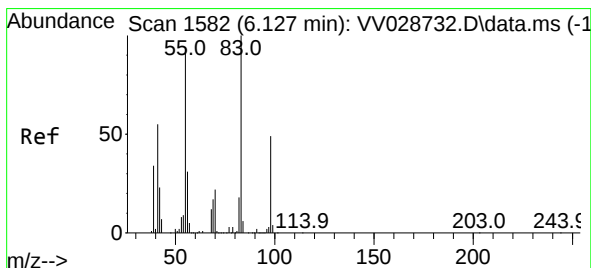
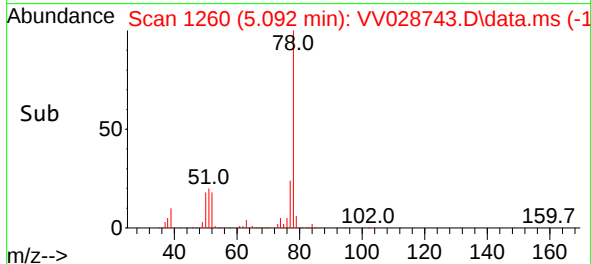
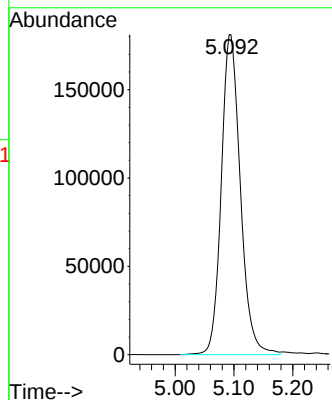
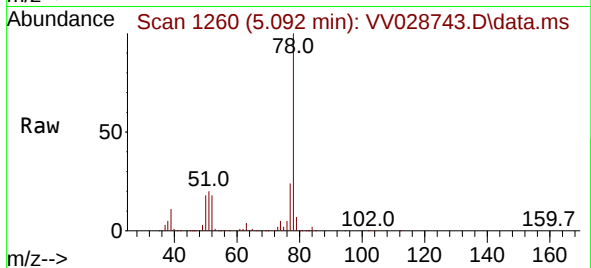
#33
Benzene
Concen: 8.898 ug/L
RT: 5.092 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV028743.D
Acq: 28 Oct 2022 02:19

Instrument :
MSVOA_V
ClientSampleId :
BHA50

Tgt Ion: 78 Resp: 40840

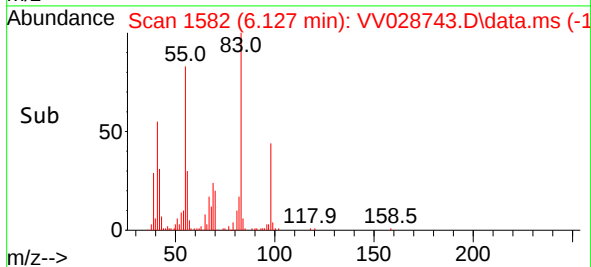
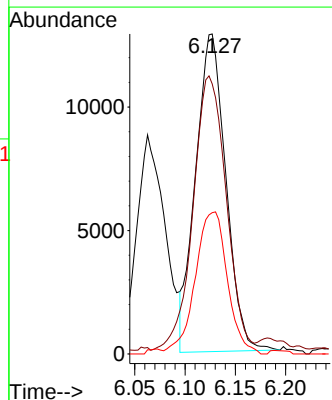
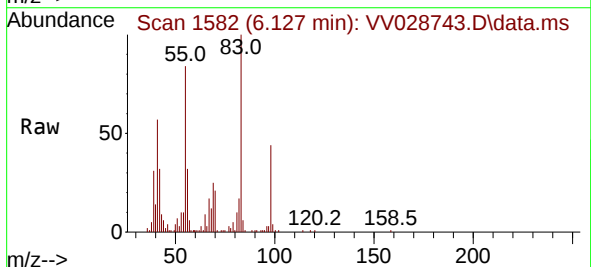
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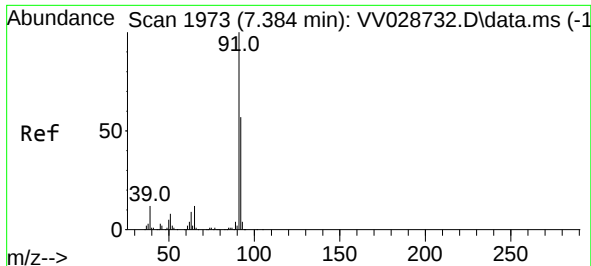
Reviewed By :Krupa Patel 10/28/2022
Supervised By :Mahesh Dadoda 11/01/2022



#35
Methylcyclohexane
Concen: 1.713 ug/L
RT: 6.127 min Scan# 1582
Delta R.T. 0.000 min
Lab File: VV028743.D
Acq: 28 Oct 2022 02:19

Tgt Ion: 83 Resp: 26903
Ion Ratio Lower Upper
83 100
55 94.1 70.0 105.0
98 47.5 35.6 53.4





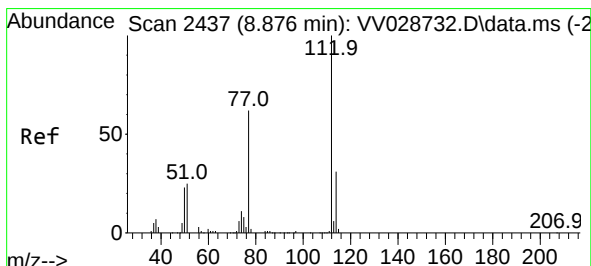
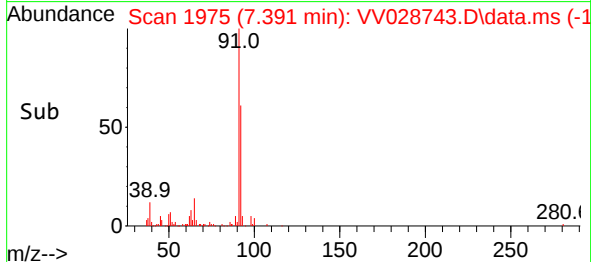
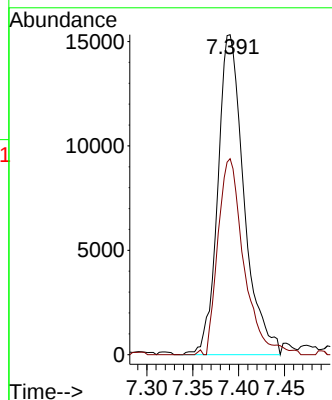
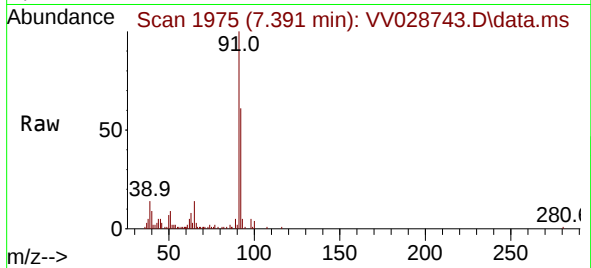
#42
Toluene
Concen: 0.700 ug/L
RT: 7.391 min Scan# 1973
Delta R.T. 0.007 min
Lab File: VV028743.D
Acq: 28 Oct 2022 02:19

Instrument :
MSVOA_V
ClientSampleId :
BHA50

Tgt Ion: 91 Resp: 3044
Ion Ratio Lower Upper
91 100
92 61.2 40.5 75.3

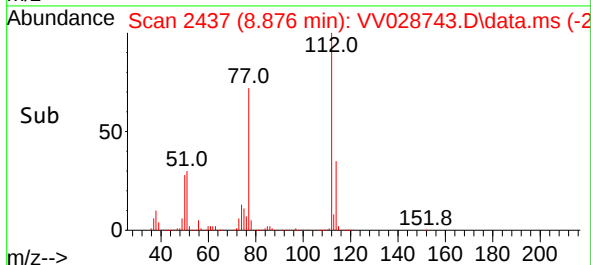
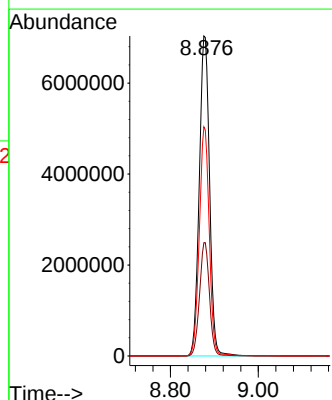
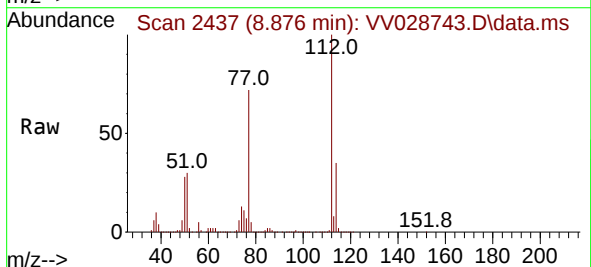
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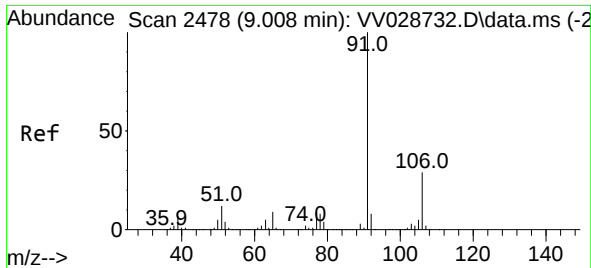
Reviewed By :Krupa Patel 10/28/2022
Supervised By :Mahesh Dadoda 11/01/2022



#51
Chlorobenzene
Concen: 416.752 ug/L
RT: 8.876 min Scan# 2437
Delta R.T. 0.000 min
Lab File: VV028743.D
Acq: 28 Oct 2022 02:19

Tgt Ion:112 Resp:11420865
Ion Ratio Lower Upper
112 100
114 35.4 22.0 41.0
77 71.6 50.0 75.0





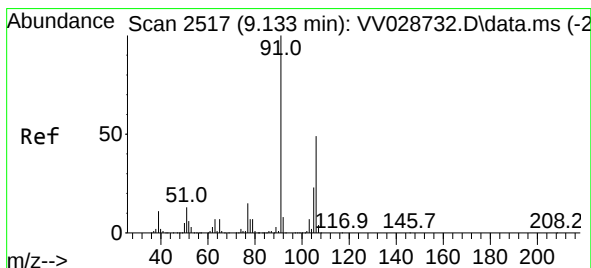
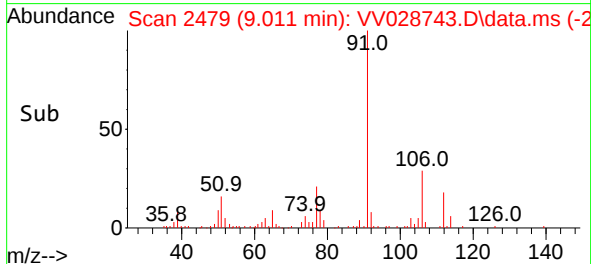
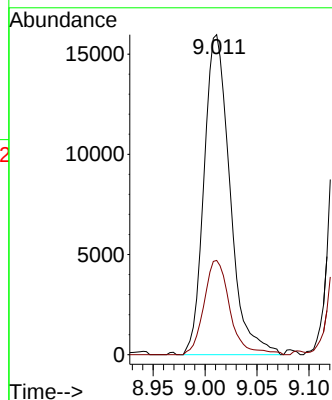
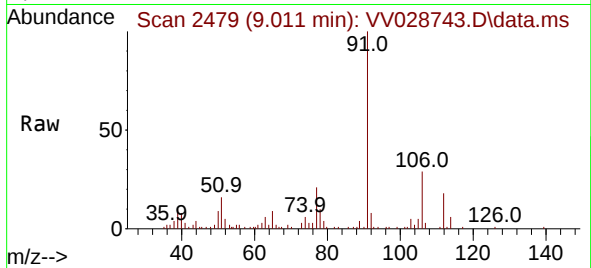
#52
Ethylbenzene
Concen: 0.574 ug/L
RT: 9.011 min Scan# 2478
Delta R.T. 0.003 min
Lab File: VV028743.D
Acq: 28 Oct 2022 02:19

Instrument :
MSVOA_V
ClientSampleId :
BHA50

Tgt Ion: 91 Resp: 27739
Ion Ratio Lower Upper
91 100
106 29.4 21.3 39.6

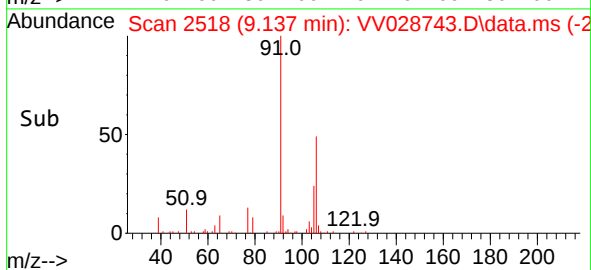
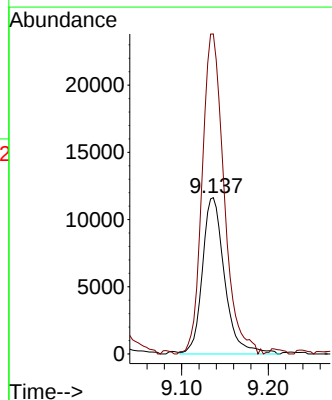
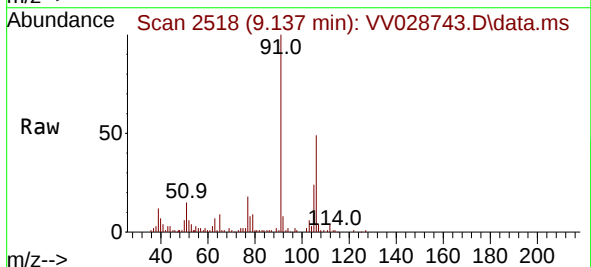
Manual Integrations
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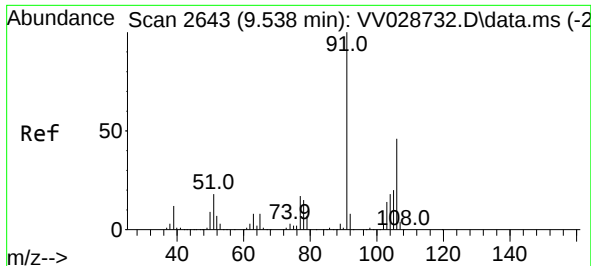
Reviewed By :Krupa Patel 10/28/2022
Supervised By :Mahesh Dadoda 11/01/2022



#53
m,p-Xylene
Concen: 1.187 ug/L
RT: 9.137 min Scan# 2518
Delta R.T. 0.003 min
Lab File: VV028743.D
Acq: 28 Oct 2022 02:19

Tgt Ion:106 Resp: 20727
Ion Ratio Lower Upper
106 100
91 204.8 145.5 270.1





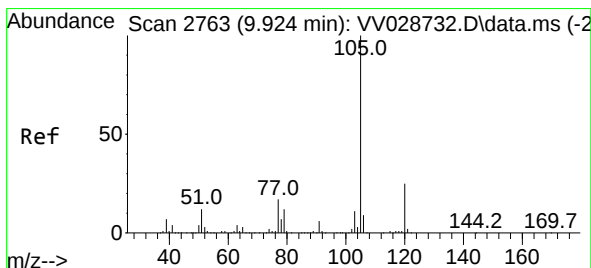
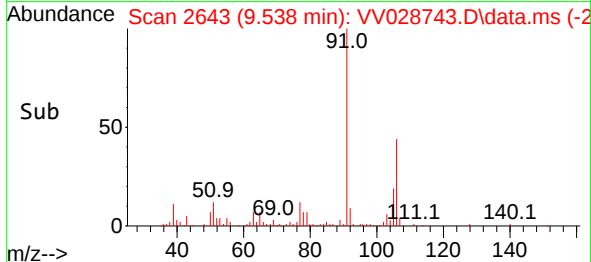
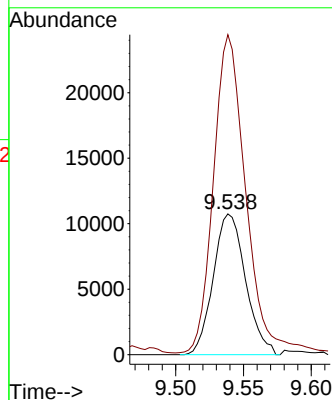
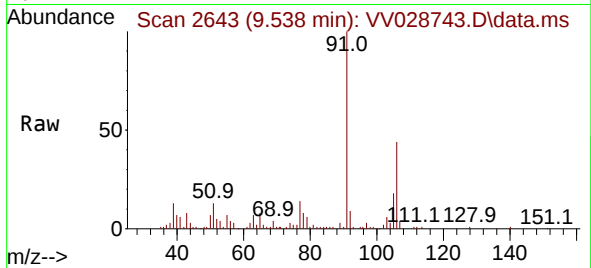
#54
o-Xylene
Concen: 1.014 ug/L
RT: 9.538 min Scan# 2643
Delta R.T. 0.000 min
Lab File: VV028743.D
Acq: 28 Oct 2022 02:19

Instrument :
MSVOA_V
ClientSampleId :
BHA50

Tgt Ion:106 Resp: 1781
Ion Ratio Lower Upper
106 100
91 227.2 159.0 295.4

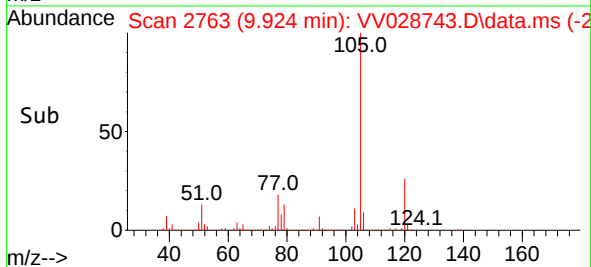
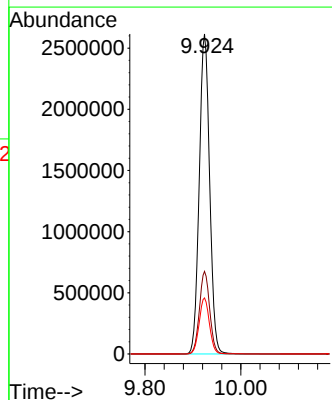
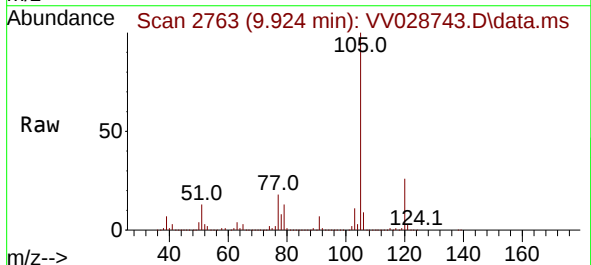
Manual Integrations
APPROVED

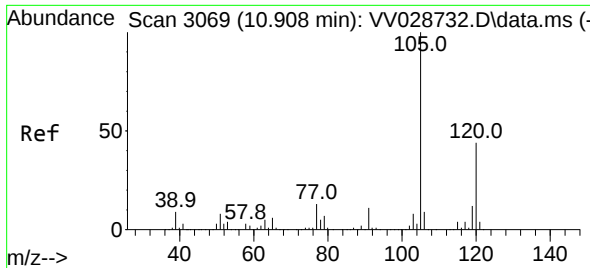
Reviewed By :Krupa Patel 10/28/2022
Supervised By :Mahesh Dadoda 11/01/2022



#60
Isopropylbenzene
Concen: 84.436 ug/L
RT: 9.924 min Scan# 2763
Delta R.T. 0.000 min
Lab File: VV028743.D
Acq: 28 Oct 2022 02:19

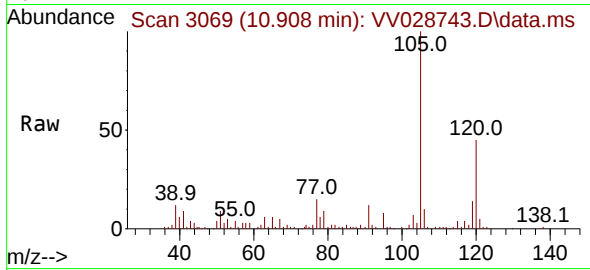
Tgt Ion:105 Resp: 3921014
Ion Ratio Lower Upper
105 100
120 25.6 20.1 30.1
77 17.4 13.4 20.0





#63
1,2,4-Trimethylbenzene
Concen: 1.061 ug/L m
RT: 10.908 min Scan# 3069
Delta R.T. 0.000 min
Lab File: VV028743.D
Acq: 28 Oct 2022 02:19

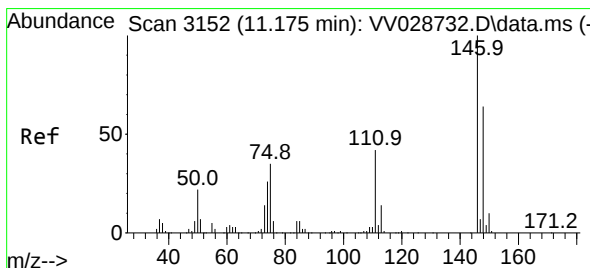
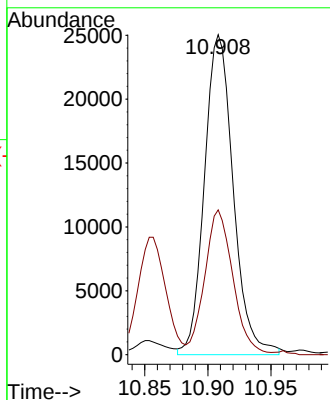
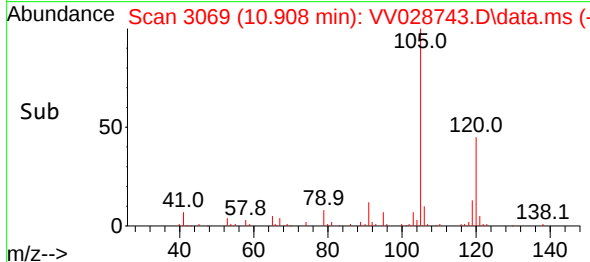
Instrument :
MSVOA_V
ClientSampleId :
BHA50



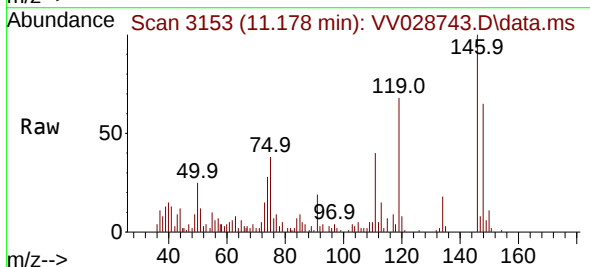
Tgt Ion:105 Resp: 3981
Ion Ratio Lower Upper
105 100
120 179.3 36.2 54.2

Manual Integrations
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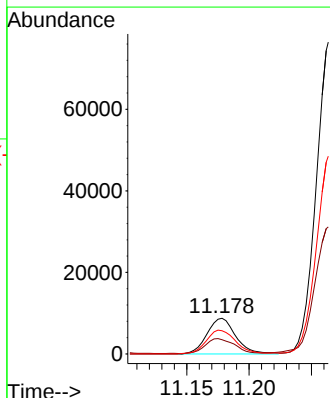
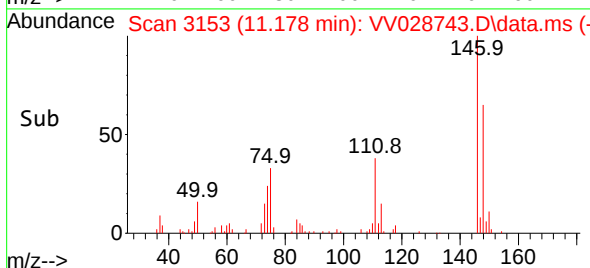
Reviewed By :Krupa Patel 10/28/2022
Supervised By :Mahesh Dadoda 11/01/2022

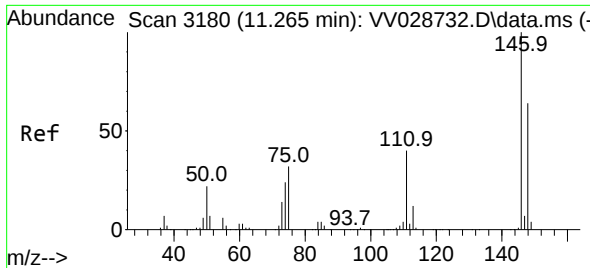


#64
1,3-Dichlorobenzene
Concen: 0.703 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VV028743.D
Acq: 28 Oct 2022 02:19



Tgt Ion:146 Resp: 14067
Ion Ratio Lower Upper
146 100
111 39.9 29.0 53.9
148 65.0 44.5 82.7





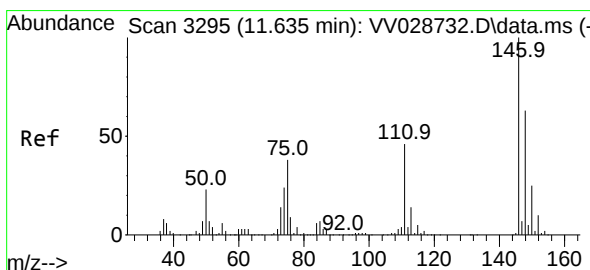
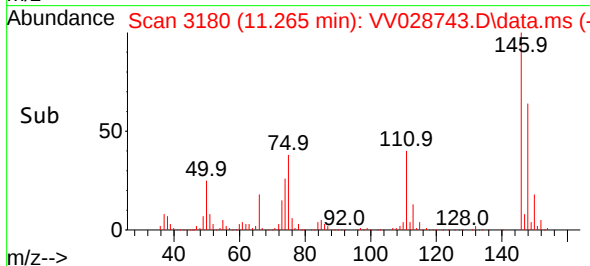
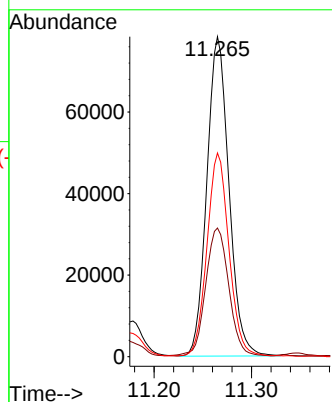
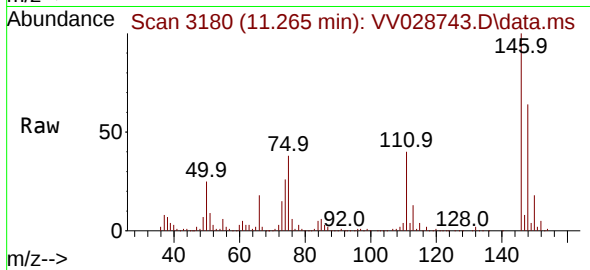
#65
1,4-Dichlorobenzene
Concen: 6.176 ug/L
RT: 11.265 min Scan# 3180
Delta R.T. 0.000 min
Lab File: VV028743.D
Acq: 28 Oct 2022 02:19

Instrument :
MSVOA_V
ClientSampleId :
BHA50

Tgt Ion:146 Resp: 123250
Ion Ratio Lower Upper
146 100
111 40.2 28.6 53.2
148 63.6 44.3 82.3

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 10/28/2022
Supervised By :Mahesh Dadoda 11/01/2022



#67
1,2-Dichlorobenzene
Concen: 3.202 ug/L
RT: 11.635 min Scan# 3295
Delta R.T. 0.000 min
Lab File: VV028743.D
Acq: 28 Oct 2022 02:19

Tgt Ion:146 Resp: 58564
Ion Ratio Lower Upper
146 100
111 44.6 36.2 54.4
148 65.5 50.6 75.8

