

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102122\
 Data File : VW028670.D
 Acq On : 21 Oct 2022 18:43
 Operator : SY/MD
 Sample : N5216-16
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHA75

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 10/27/2022
 Supervised By :Mahesh Dadoda 10/28/2022

Quant Time: Oct 21 23:05:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102022WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 21 22:58:36 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.590	114	226922	5.000	ug/L	-0.01
28) Chlorobenzene-d5	8.853	117	144495	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.242	152	81363	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.294	65	87350	3.888	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.800%
7) Chloroethane-d5	1.558	69	73251	4.148	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.000%
11) 1,1-Dichloroethene-d2	2.095	63	123571	3.165	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.400%
20) 2-Butanone-d5	3.953	46	171797	40.628	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	81.260%
24) Chloroform-d	4.342	84	141494	4.246	ug/L	0.01
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.000%
26) 1,2-Dichloroethane-d4	5.027	65	90538	5.016	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.400%
32) Benzene-d6	5.034	84	314024	4.995	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.800%
36) 1,2-Dichloropropane-d6	6.043	67	106892	5.422	ug/L	-0.01
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.400%
41) Toluene-d8	7.310	98	228199	5.019	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.400%
43) trans-1,3-Dichloroprop...	7.622	79	21427	4.477	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.600%
46) 2-Hexanone-d5	8.114	63	98015	49.327	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.660%
56) 1,1,2,2-Tetrachloroeth...	10.213	84	50010	5.371	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.400%
66) 1,2-Dichlorobenzene-d4	11.615	152	76878	5.257	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.200%
Target Compounds						
8) Chloroethane	1.574	64	194399	13.584	ug/L	97
13) Acetone	2.236	43	42348	15.623	ug/L	88
18) trans-1,2-Dichloroethene	2.744	96	3513	0.220	ug/L	95
19) 1,1-Dichloroethane	3.175	63	4154	0.111	ug/L #	80
30) Cyclohexane	4.654	56	108484	3.977	ug/L	99
33) Benzene	5.075	78	20029246m	295.478	ug/L	
35) Methylcyclohexane	6.085	83	78840	3.211	ug/L #	86
42) Toluene	7.381	91	67305	1.199	ug/L	100
51) Chlorobenzene	8.879	112	16598931m	505.767	ug/L	
52) Ethylbenzene	9.008	91	131202	2.261	ug/L	98
53) m,p-Xylene	9.136	106	113974	5.375	ug/L	98
54) o-Xylene	9.538	106	222956	10.601	ug/L	97
60) Isopropylbenzene	9.924	105	2311206	33.989	ug/L #	84
62) 1,3,5-Trimethylbenzene	10.532	105	47473m	2.431	ug/L	
63) 1,2,4-Trimethylbenzene	10.908	105	131549	2.501	ug/L	100
64) 1,3-Dichlorobenzene	11.175	146	37097	1.378	ug/L	96
65) 1,4-Dichlorobenzene	11.265	146	258069	9.495	ug/L	99
67) 1,2-Dichlorobenzene	11.635	146	110580	4.417	ug/L	97

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Quant Time: Oct 21 23:05:11 2022
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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

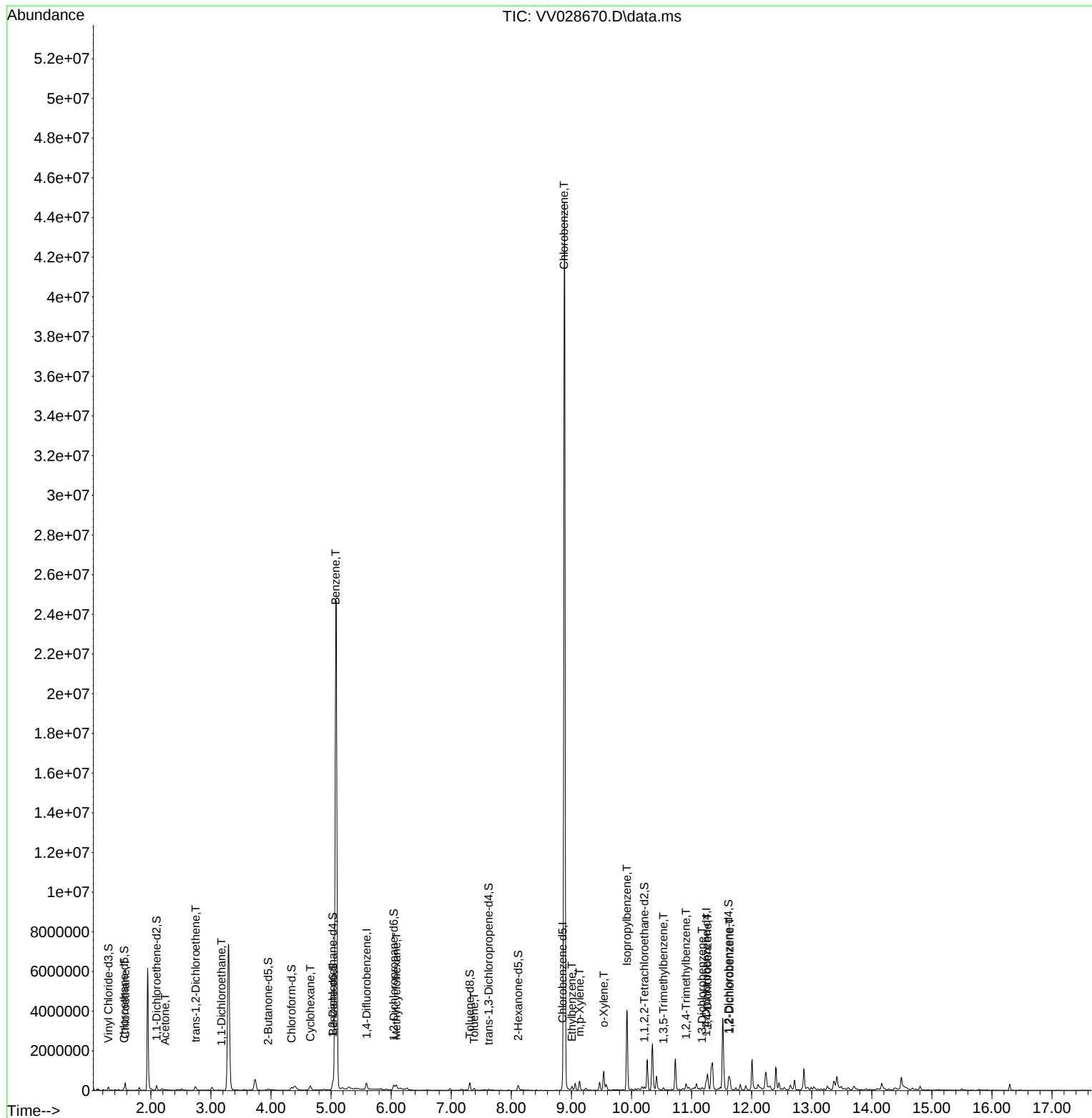
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102122\
 Data File : VV028670.D
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 Operator : SY/MD
 Sample : N5216-16
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

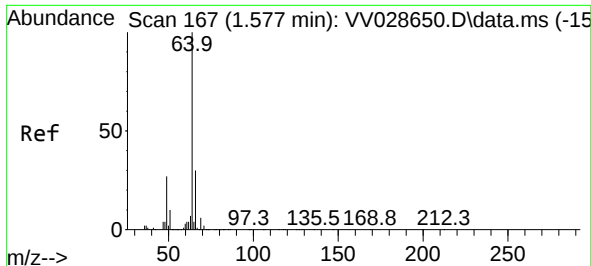
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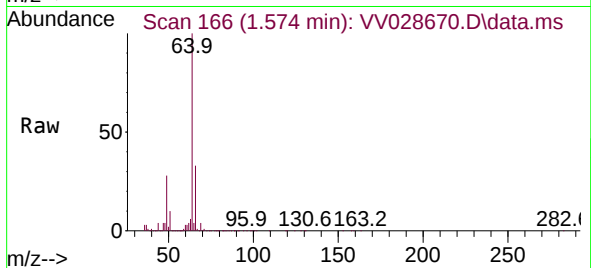
Quant Time: Oct 21 23:05:11 2022
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#8
Chloroethane
Concen: 13.584 ug/L
RT: 1.574 min Scan# 166
Delta R.T. -0.003 min
Lab File: VV028670.D
Acq: 21 Oct 2022 18:43

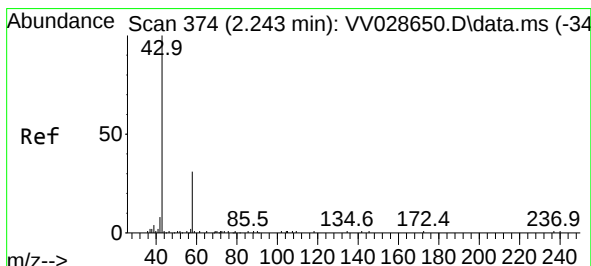
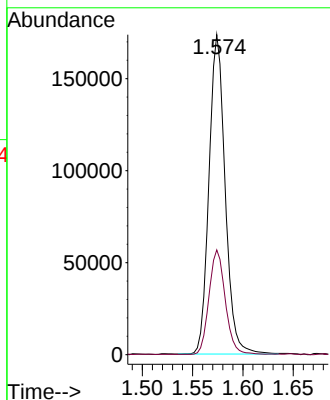
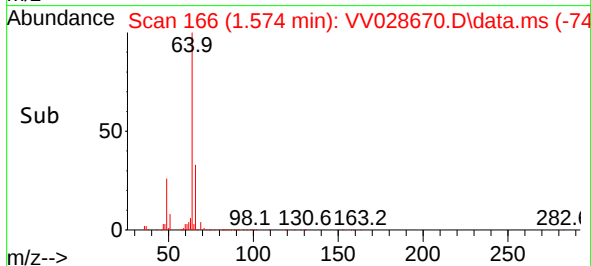
Instrument :
MSVOA_V
ClientSampleId :
BHA75



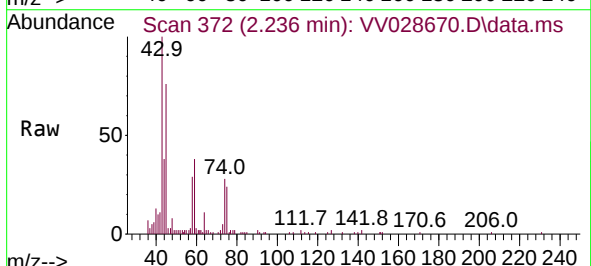
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Ion Ratio Lower Upper
64 100
66 32.7 23.9 44.5

Manual Integrations
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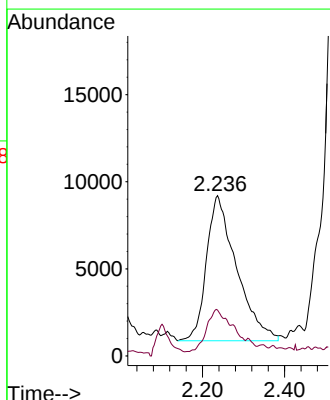
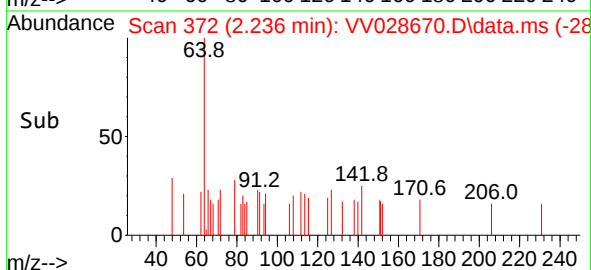
Reviewed By :Krupa Patel 10/27/2022
Supervised By :Mahesh Dadoda 10/28/2022

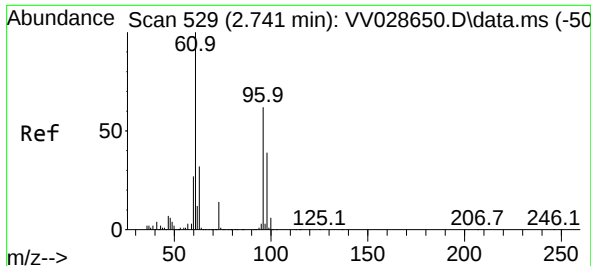


#13
Acetone
Concen: 15.623 ug/L
RT: 2.236 min Scan# 372
Delta R.T. -0.007 min
Lab File: VV028670.D
Acq: 21 Oct 2022 18:43



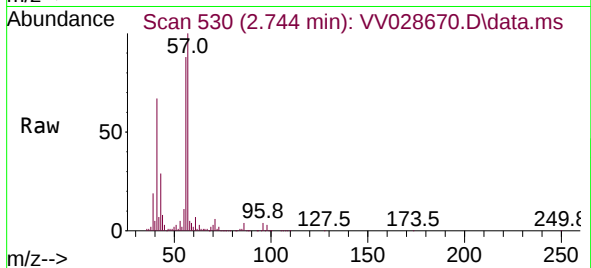
Tgt Ion: 43 Resp: 42348
Ion Ratio Lower Upper
43 100
58 19.2 0.0 50.2





#18
trans-1,2-Dichloroethene
Concen: 0.220 ug/L
RT: 2.744 min Scan# 511
Delta R.T. 0.003 min
Lab File: VV028670.D
Acq: 21 Oct 2022 18:43

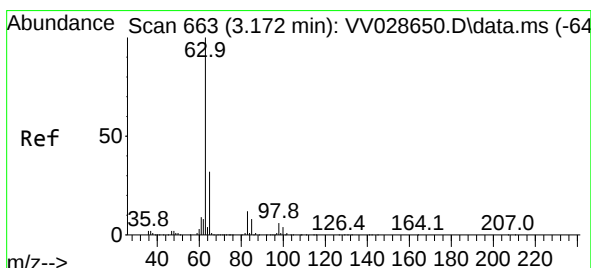
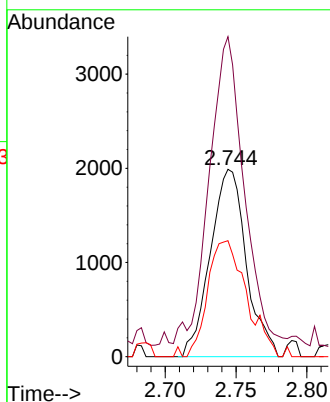
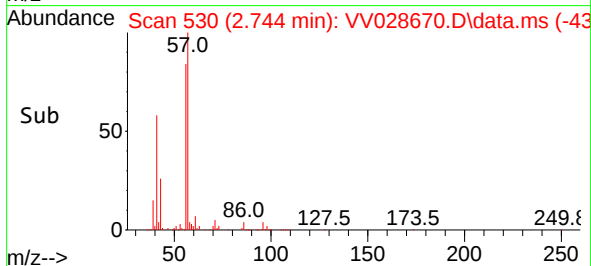
Instrument :
MSVOA_V
ClientSampleId :
BHA75



Tgt Ion: 96 Resp: 351
Ion Ratio Lower Upper
96 100
61 170.8 114.3 212.3
98 61.9 45.0 83.6

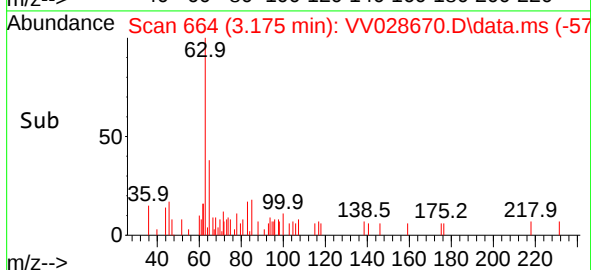
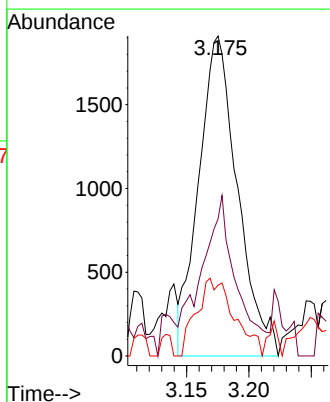
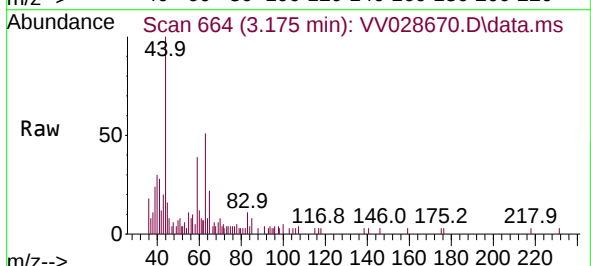
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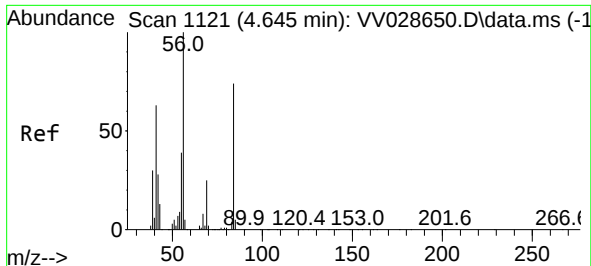
Reviewed By :Krupa Patel 10/27/2022
Supervised By :Mahesh Dadoda 10/28/2022



#19
1,1-Dichloroethane
Concen: 0.111 ug/L
RT: 3.175 min Scan# 664
Delta R.T. 0.003 min
Lab File: VV028670.D
Acq: 21 Oct 2022 18:43

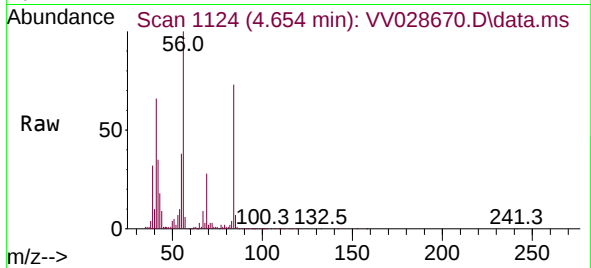
Tgt Ion: 63 Resp: 4154
Ion Ratio Lower Upper
63 100
65 42.8 23.1 42.9
83 22.1 7.9 14.7#





#30
Cyclohexane
Concen: 3.977 ug/L
RT: 4.654 min Scan# 1121
Delta R.T. 0.010 min
Lab File: VV028670.D
Acq: 21 Oct 2022 18:43

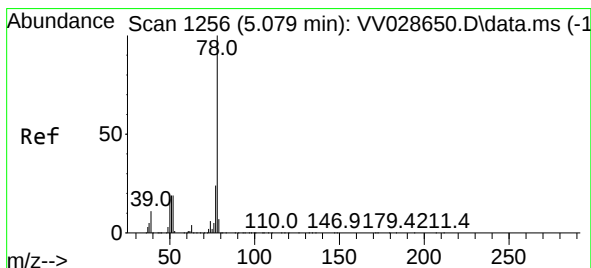
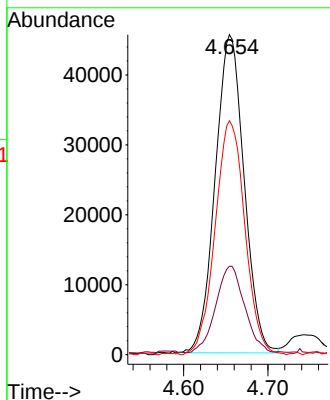
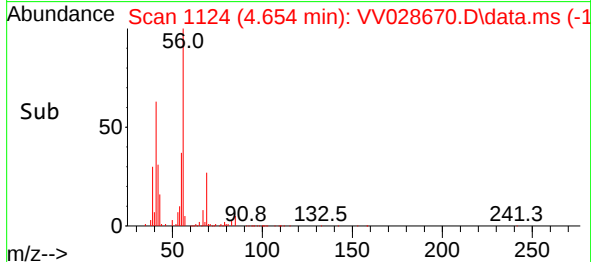
Instrument :
MSVOA_V
ClientSampleId :
BHA75



Tgt Ion: 56 Resp: 108484
Ion Ratio Lower Upper
56 100
69 27.2 22.6 34.0
84 75.6 60.4 90.6

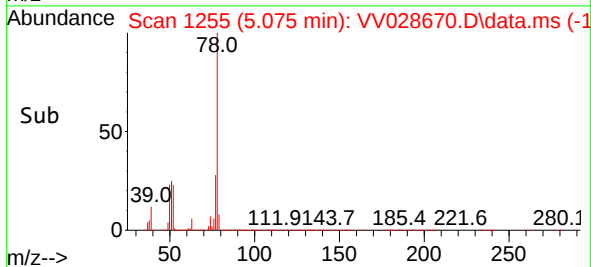
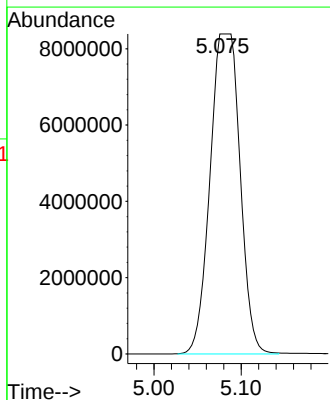
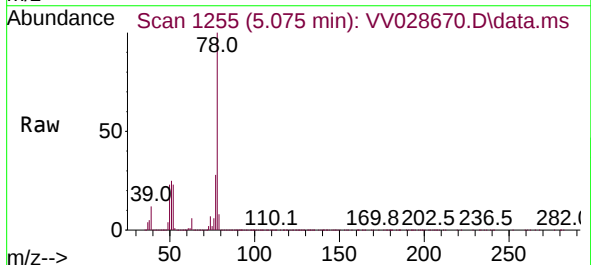
Manual Integrations
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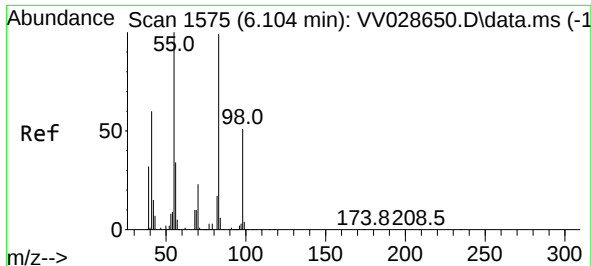
Reviewed By :Krupa Patel 10/27/2022
Supervised By :Mahesh Dadoda 10/28/2022



#33
Benzene
Concen: 295.478 ug/L m
RT: 5.075 min Scan# 1255
Delta R.T. -0.003 min
Lab File: VV028670.D
Acq: 21 Oct 2022 18:43

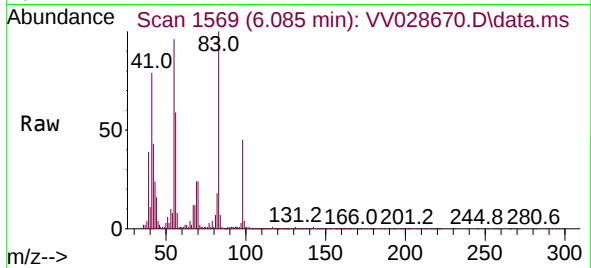
Tgt Ion: 78 Resp:20029246





#35
Methylcyclohexane
Concen: 3.211 ug/L
RT: 6.085 min Scan# 1569
Delta R.T. -0.019 min
Lab File: VV028670.D
Acq: 21 Oct 2022 18:43

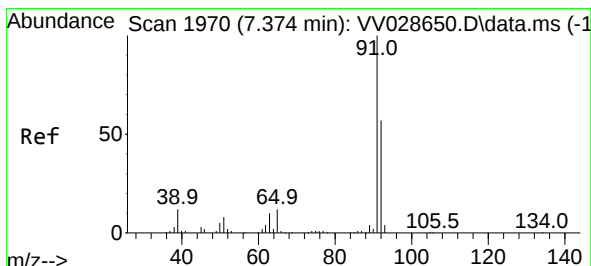
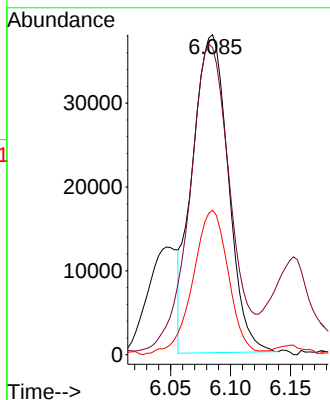
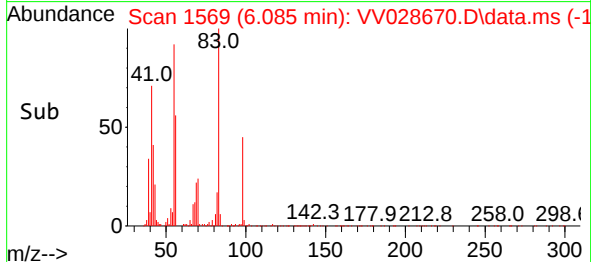
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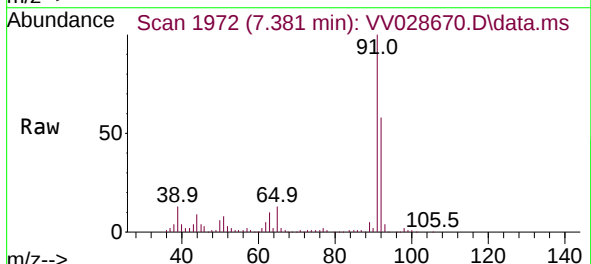
Tgt Ion: 83 Resp: 78840
Ion Ratio Lower Upper
83 100
55 106.9 70.0 105.0
98 45.2 35.6 53.4

Manual Integrations
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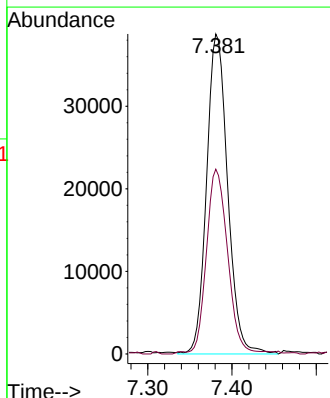
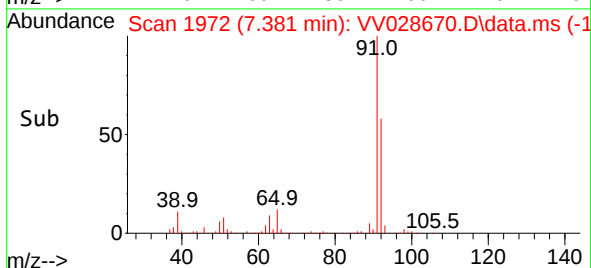
Reviewed By :Krupa Patel 10/27/2022
Supervised By :Mahesh Dadoda 10/28/2022

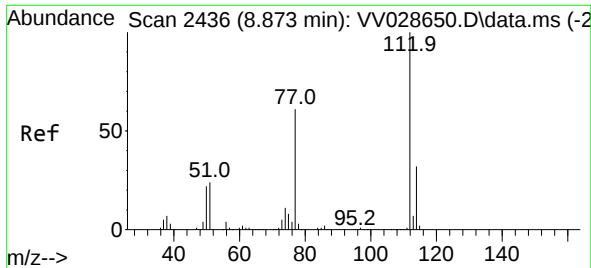


#42
Toluene
Concen: 1.199 ug/L
RT: 7.381 min Scan# 1972
Delta R.T. 0.006 min
Lab File: VV028670.D
Acq: 21 Oct 2022 18:43



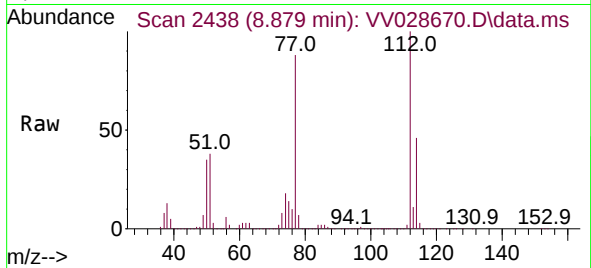
Tgt Ion: 91 Resp: 67305
Ion Ratio Lower Upper
91 100
92 57.8 40.5 75.3





#51
Chlorobenzene
Concen: 505.767 ug/L m
RT: 8.879 min Scan# 2436
Delta R.T. 0.006 min
Lab File: VV028670.D
Acq: 21 Oct 2022 18:43

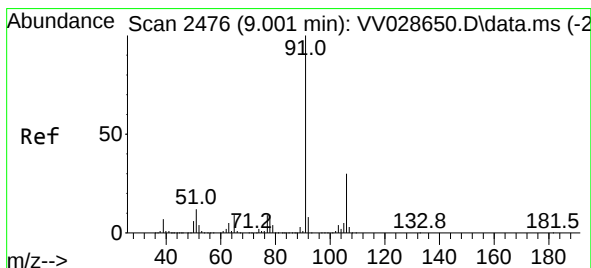
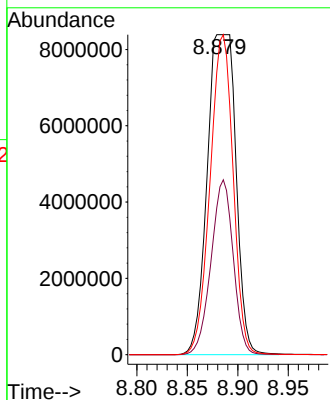
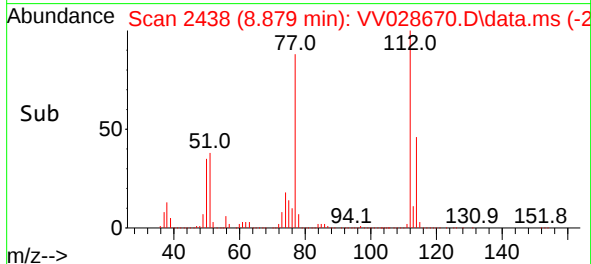
Instrument :
MSVOA_V
ClientSampleId :
BHA75



Tgt Ion:112 Resp:1659893
Ion Ratio Lower Upper
112 100
114 45.9 22.0 41.0
77 88.2 50.0 75.0

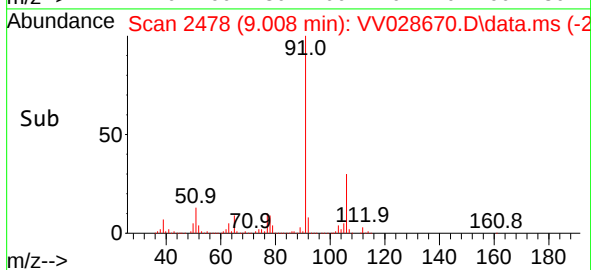
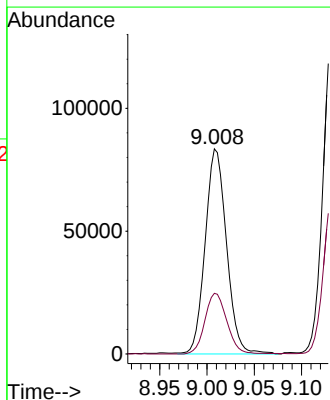
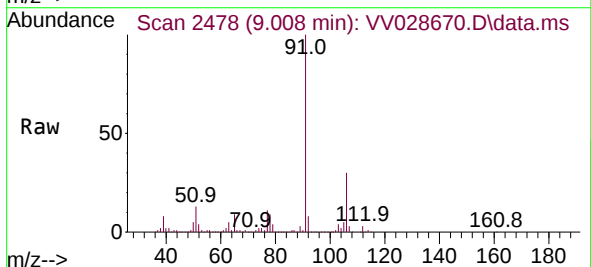
Manual Integrations
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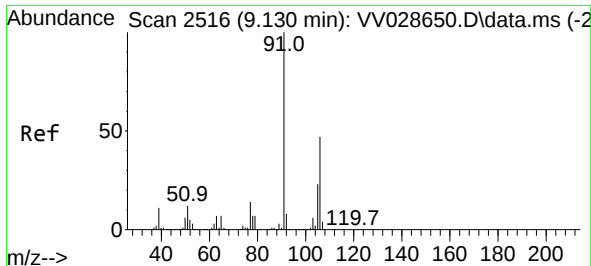
Reviewed By :Krupa Patel 10/27/2022
Supervised By :Mahesh Dadoda 10/28/2022



#52
Ethylbenzene
Concen: 2.261 ug/L
RT: 9.008 min Scan# 2478
Delta R.T. 0.006 min
Lab File: VV028670.D
Acq: 21 Oct 2022 18:43

Tgt Ion: 91 Resp: 131202
Ion Ratio Lower Upper
91 100
106 29.6 21.3 39.6





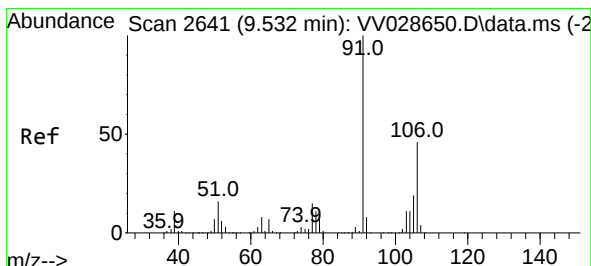
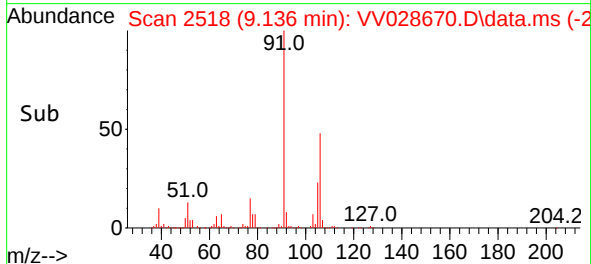
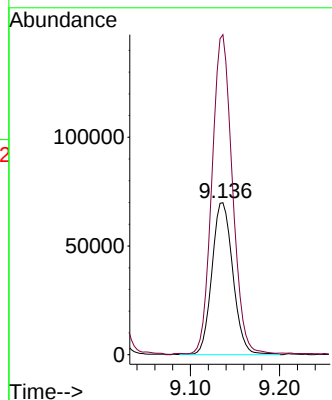
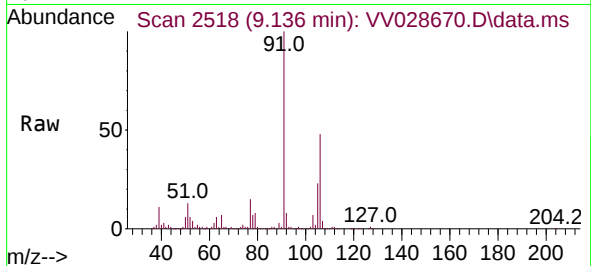
#53
m,p-Xylene
Concen: 5.375 ug/L
RT: 9.136 min Scan# 2516
Delta R.T. 0.006 min
Lab File: VV028670.D
Acq: 21 Oct 2022 18:43

Instrument :
MSVOA_V
ClientSampleId :
BHA75

Tgt Ion:106 Resp: 113974
Ion Ratio Lower Upper
106 100
91 210.5 145.5 270.1

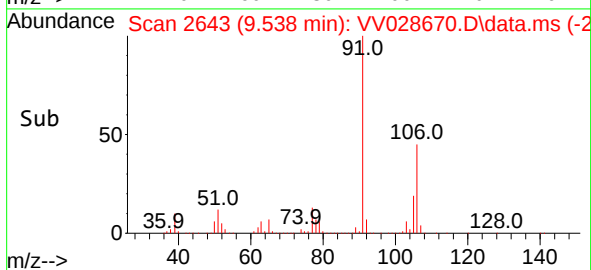
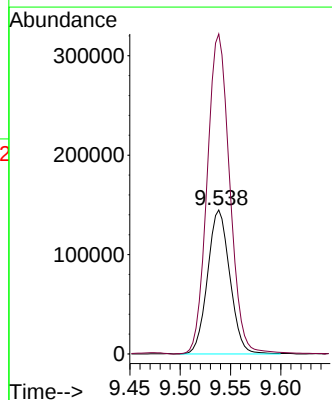
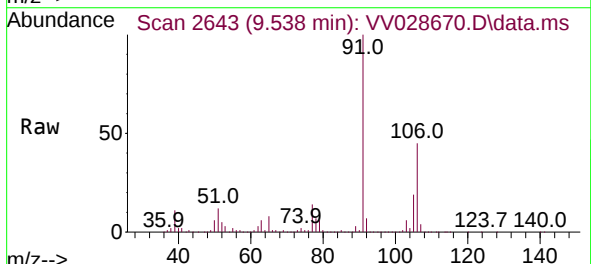
Manual Integrations
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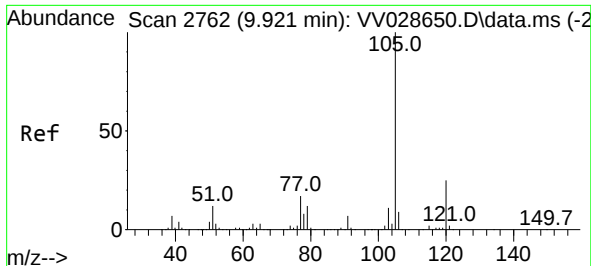
Reviewed By :Krupa Patel 10/27/2022
Supervised By :Mahesh Dadoda 10/28/2022



#54
o-Xylene
Concen: 10.601 ug/L
RT: 9.538 min Scan# 2643
Delta R.T. 0.006 min
Lab File: VV028670.D
Acq: 21 Oct 2022 18:43

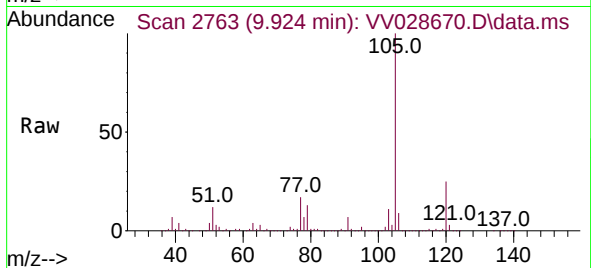
Tgt Ion:106 Resp: 222956
Ion Ratio Lower Upper
106 100
91 222.3 159.0 295.4





#60
Isopropylbenzene
Concen: 33.989 ug/L
RT: 9.924 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV028670.D
Acq: 21 Oct 2022 18:43

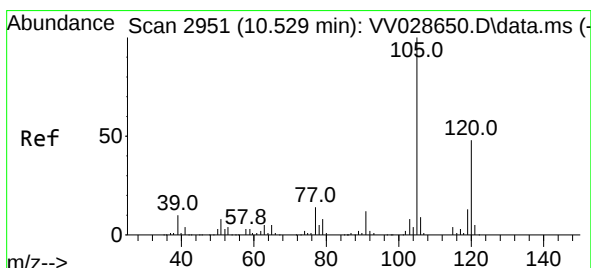
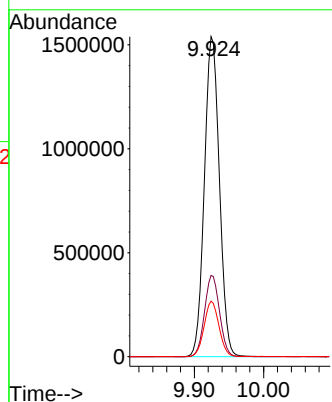
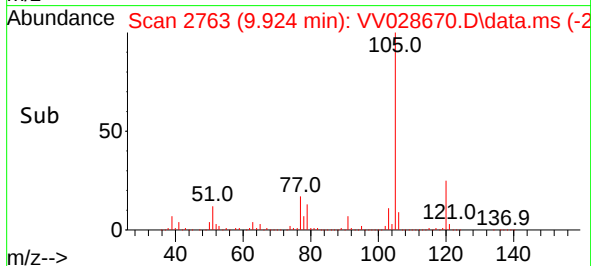
Instrument :
MSVOA_V
ClientSampleId :
BHA75



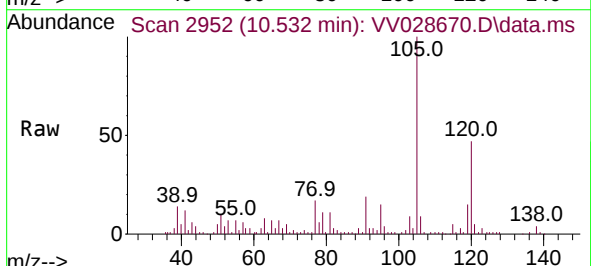
Tgt Ion:105 Resp: 2311200
Ion Ratio Lower Upper
105 100
120 25.4 20.1 30.1
77 0.0 13.4 20.0

Manual Integrations
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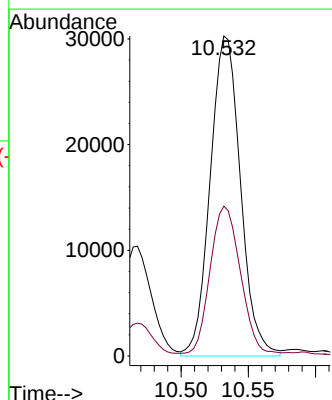
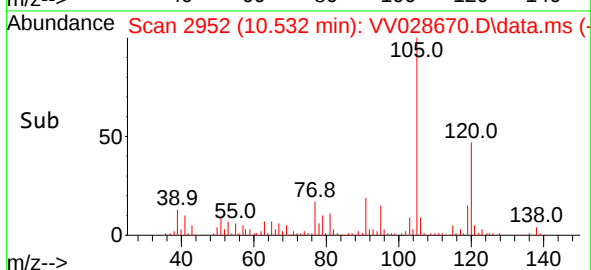
Reviewed By :Krupa Patel 10/27/2022
Supervised By :Mahesh Dadoda 10/28/2022

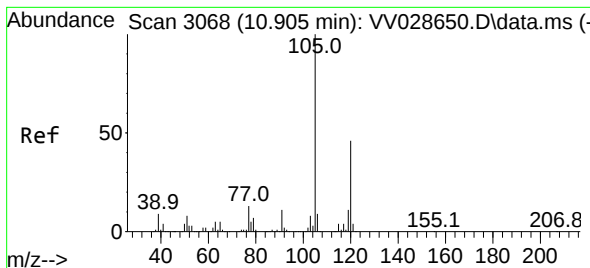


#62
1,3,5-Trimethylbenzene
Concen: 2.431 ug/L m
RT: 10.532 min Scan# 2952
Delta R.T. 0.003 min
Lab File: VV028670.D
Acq: 21 Oct 2022 18:43



Tgt Ion:105 Resp: 47473
Ion Ratio Lower Upper
105 100
120 125.2 38.3 57.5#





#63

1,2,4-Trimethylbenzene

Concen: 2.501 ug/L

RT: 10.908 min Scan# 3069

Delta R.T. 0.003 min

Lab File: VV028670.D

Acq: 21 Oct 2022 18:43

Instrument :

MSVOA_V

ClientSampleId :

BHA75

Tgt Ion:105 Resp: 131549

Ion Ratio Lower Upper

105 100

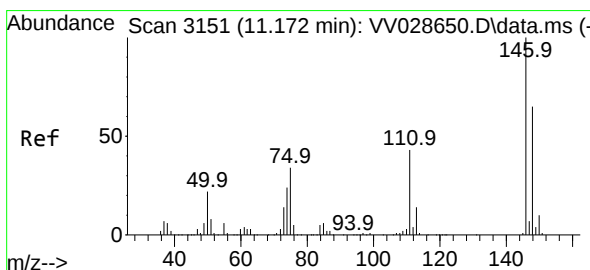
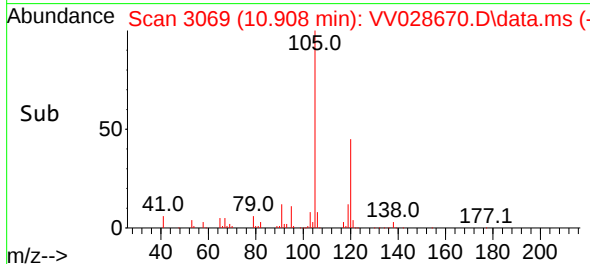
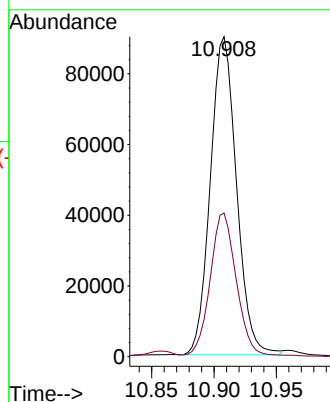
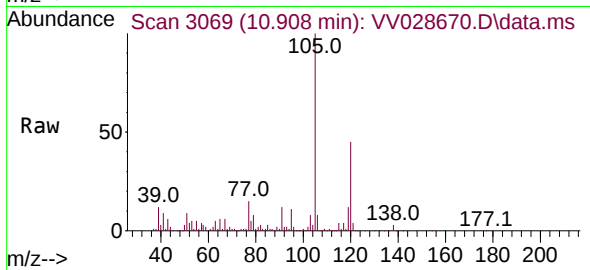
120 45.2 36.2 54.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/27/2022

Supervised By :Mahesh Dadoda 10/28/2022



#64

1,3-Dichlorobenzene

Concen: 1.378 ug/L

RT: 11.175 min Scan# 3152

Delta R.T. 0.003 min

Lab File: VV028670.D

Acq: 21 Oct 2022 18:43

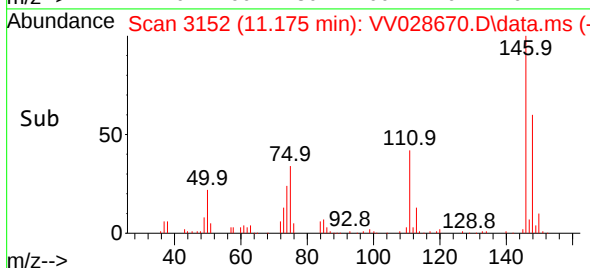
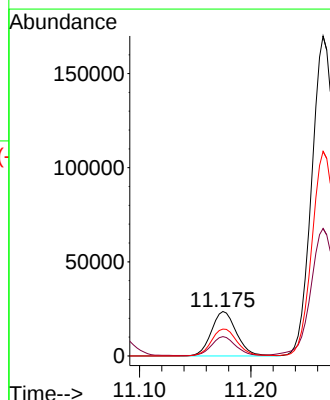
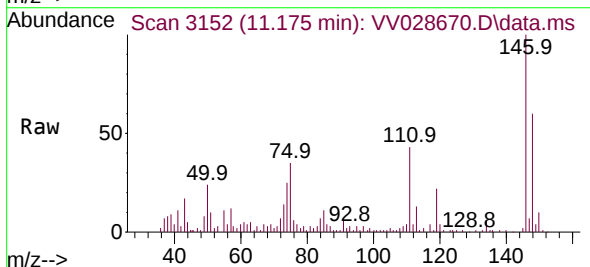
Tgt Ion:146 Resp: 37097

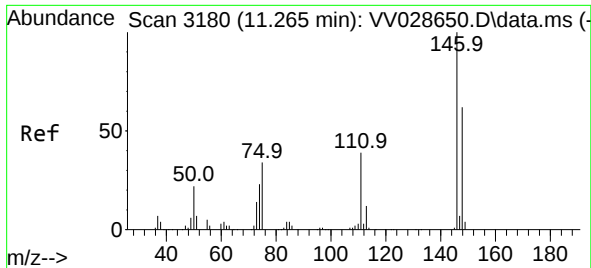
Ion Ratio Lower Upper

146 100

111 43.4 29.0 53.9

148 60.4 44.5 82.7





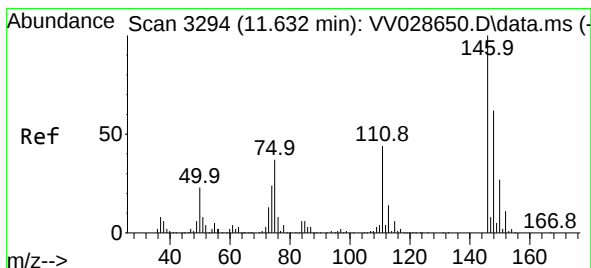
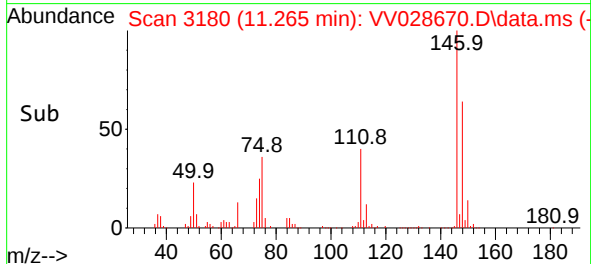
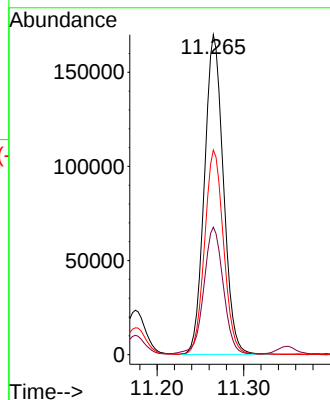
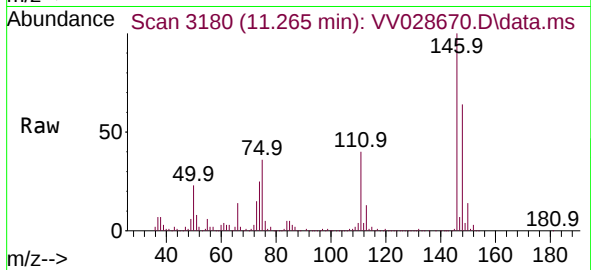
#65
1,4-Dichlorobenzene
Concen: 9.495 ug/L
RT: 11.265 min Scan# 3180
Delta R.T. -0.000 min
Lab File: VV028670.D
Acq: 21 Oct 2022 18:43

Instrument :
MSVOA_V
ClientSampleId :
BHA75

Tgt Ion:146 Resp: 258069
Ion Ratio Lower Upper
146 100
111 39.9 28.6 53.2
148 63.9 44.3 82.3

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 10/27/2022
Supervised By :Mahesh Dadoda 10/28/2022



#67
1,2-Dichlorobenzene
Concen: 4.417 ug/L
RT: 11.635 min Scan# 3295
Delta R.T. 0.003 min
Lab File: VV028670.D
Acq: 21 Oct 2022 18:43

Tgt Ion:146 Resp: 110580
Ion Ratio Lower Upper
146 100
111 46.8 36.2 54.4
148 65.5 50.6 75.8

