

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW072922\
 Data File : VW027108.D
 Acq On : 30 Jul 2022 01:30
 Operator : SY/MD
 Sample : N3956-07
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EXF04

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 08/01/2022
 Supervised By :Mahesh Dadoda 08/02/2022

Quant Time: Jul 30 04:29:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072822WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jul 30 01:28:32 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	614169	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	627066	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	339204	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	204994	35.084	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	70.160%		
7) Chloroethane-d5	1.564	69	174616	37.718	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	75.440%		
11) 1,1-Dichloroethene-d2	2.101	63	286431	28.794	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	57.580%#		
21) 2-Butanone-d5	3.892	46	302479	90.787	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	90.790%		
24) Chloroform-d	4.343	84	412960	39.241	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	78.480%		
26) 1,2-Dichloroethane-d4	5.031	65	256922	43.007	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	86.020%		
32) Benzene-d6	5.047	84	889326	40.387	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	80.780%		
36) 1,2-Dichloropropane-d6	6.066	67	272426	40.421	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	80.840%		
41) Toluene-d8	7.313	98	776688	39.023	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	78.040%#		
43) trans-1,3-Dichloroprop...	7.622	79	116349	39.080	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	78.160%		
47) 2-Hexanone-d5	8.092	63	278025	95.958	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	95.960%		
56) 1,1,2,2-Tetrachloroeth...	10.214	84	395040	38.875	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	77.740%		
66) 1,2-Dichlorobenzene-d4	11.622	152	321088	42.109	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	84.220%		
Target Compounds						Qvalue
13) Acetone	2.179	43	198565m	80.465	ug/L	
15) Methyl Acetate	2.433	43	30365	7.404	ug/L	91
16) Methylene chloride	2.500	84	30096	5.278	ug/L	98
19) 1,1-Dichloroethane	3.185	63	35560	4.158	ug/L	97
20) cis-1,2-Dichloroethene	3.908	96	11789	2.328	ug/L	96
22) 2-Butanone	3.992	43	20079m	7.375	ug/L	
29) Cyclohexane	4.670	56	41862	6.213	ug/L	99
33) Benzene	5.085	78	24893087m	1231.824	ug/L	
37) 1,2-Dichloropropane	6.172	63	10700	2.116	ug/L	98
40) 4-Methyl-2-pentanone	7.239	43	11204	1.751	ug/L	98
42) Toluene	7.384	91	1783560	85.602	ug/L	100
48) 2-Hexanone	8.143	43	149037	29.564	ug/L	98
51) Chlorobenzene	8.876	112	23159830m	1648.208	ug/L	
53) m,p-Xylene	9.140	106	12056	1.453	ug/L	96
54) o-Xylene	9.545	106	11938	1.494	ug/L	96
63) 1,2,4-Trimethylbenzene	10.918	105	5389	0.745	ug/L	96
65) 1,4-Dichlorobenzene	11.271	146	46656	4.309	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	420954	39.226	ug/L	99

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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

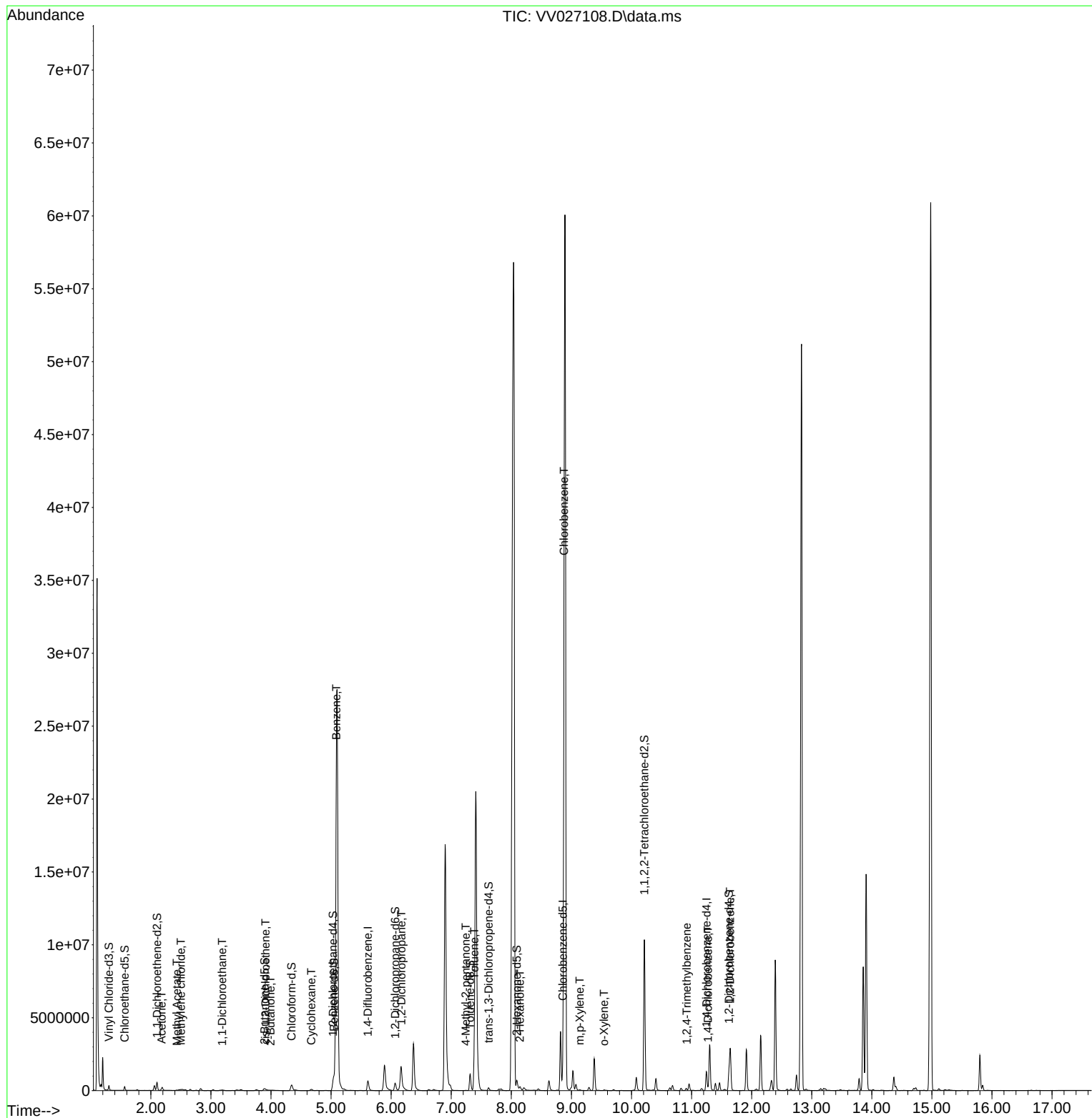
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072922\
Data File : VV027108.D
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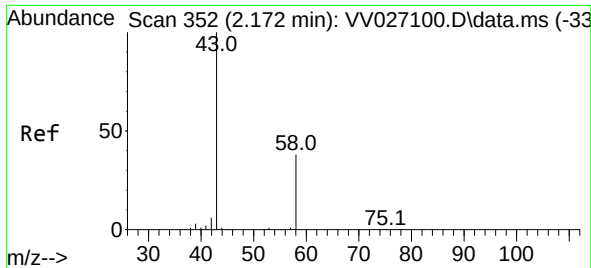
Instrument :
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#13

Acetone

Concen: 80.465 ug/L m

RT: 2.179 min Scan# 3

Delta R.T. 0.006 min

Lab File: VV027108.D

Acq: 30 Jul 2022 01:30

Instrument :

MSVOA_V

ClientSampleId :

EXF04

Tgt Ion: 43 Resp: 19856

Ion Ratio Lower Upper

43 100

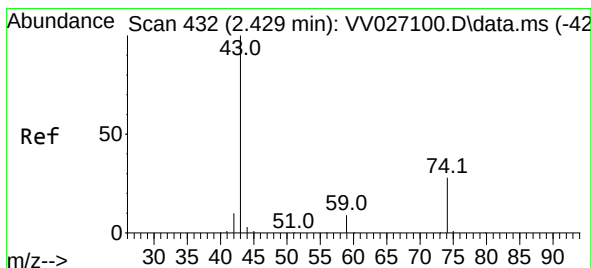
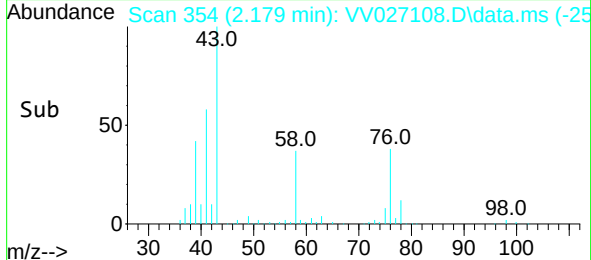
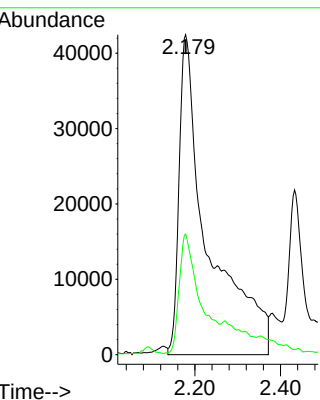
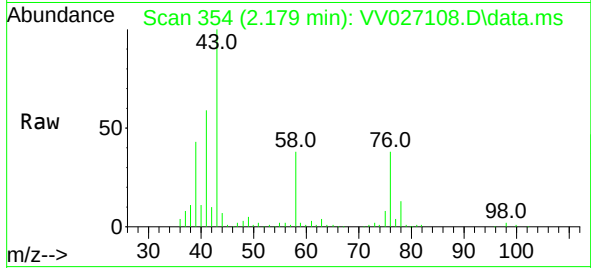
58 22.8 0.0 49.6

Manual Integrations

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#15

Methyl Acetate

Concen: 7.404 ug/L

RT: 2.433 min Scan# 433

Delta R.T. 0.003 min

Lab File: VV027108.D

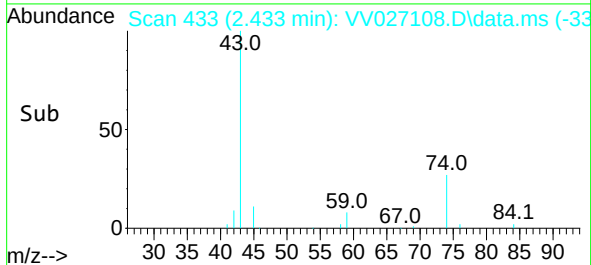
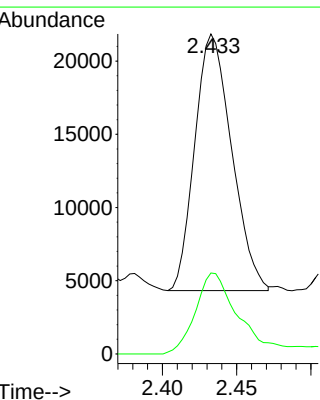
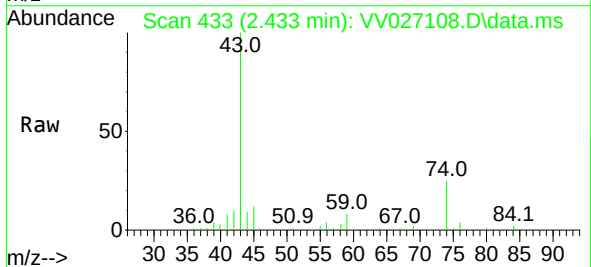
Acq: 30 Jul 2022 01:30

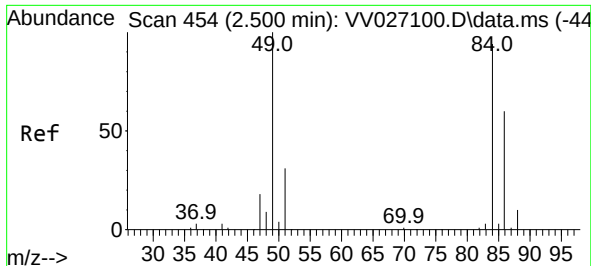
Tgt Ion: 43 Resp: 30365

Ion Ratio Lower Upper

43 100

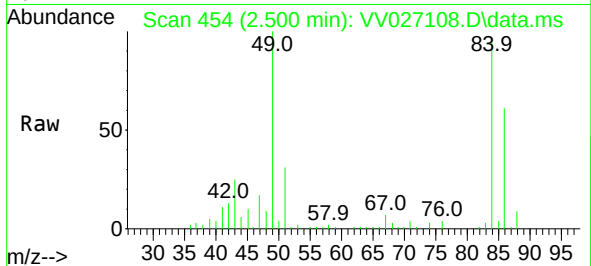
74 36.8 25.5 38.3





#16
Methylene chloride
Concen: 5.278 ug/L
RT: 2.500 min Scan# 454
Delta R.T. 0.000 min
Lab File: VV027108.D
Acq: 30 Jul 2022 01:30

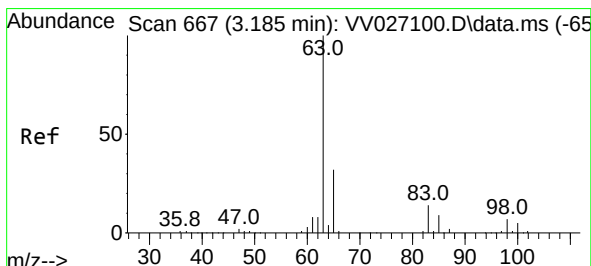
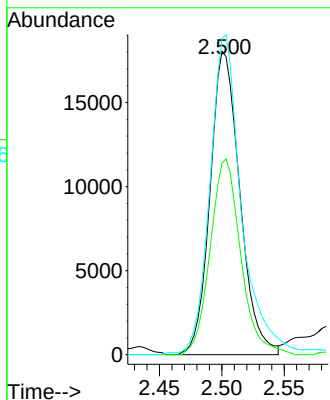
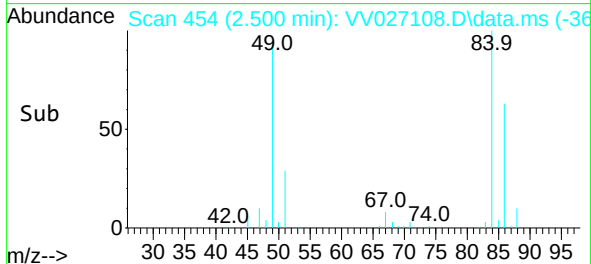
Instrument :
MSVOA_V
ClientSampleId :
EXF04



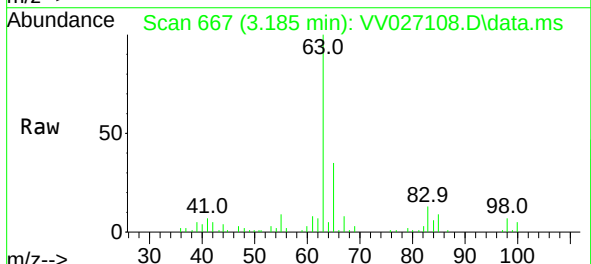
Tgt Ion: 84 Resp: 30090
Ion Ratio Lower Upper
84 100
86 63.1 45.0 83.6
49 104.2 74.1 137.7

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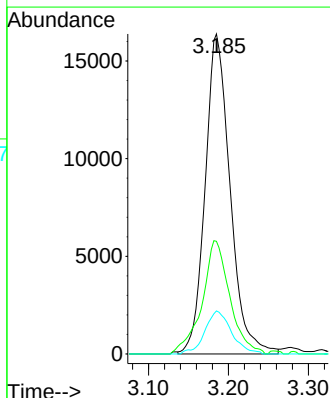
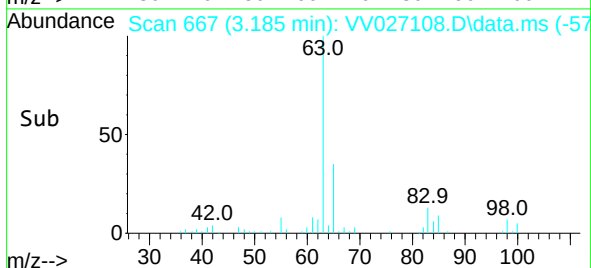
Reviewed By :Krupa Patel 08/01/2022
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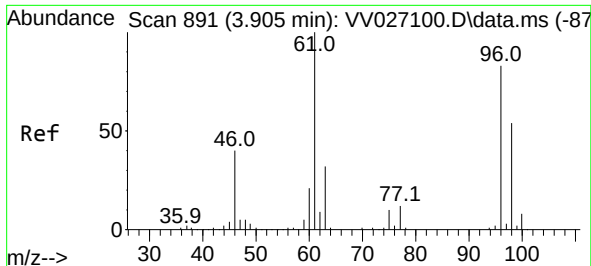


#19
1,1-Dichloroethane
Concen: 4.158 ug/L
RT: 3.185 min Scan# 667
Delta R.T. 0.000 min
Lab File: VV027108.D
Acq: 30 Jul 2022 01:30



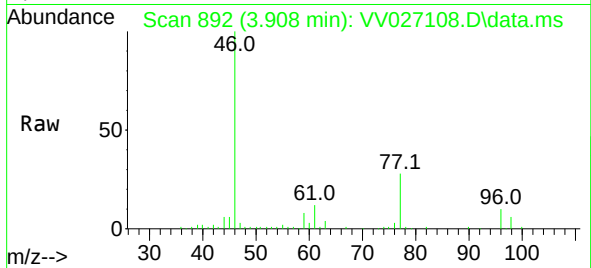
Tgt Ion: 63 Resp: 35560
Ion Ratio Lower Upper
63 100
65 35.2 22.7 42.3
83 13.5 9.5 17.7





#20
cis-1,2-Dichloroethene
Concen: 2.328 ug/L
RT: 3.908 min Scan# 891
Delta R.T. 0.003 min
Lab File: VV027108.D
Acq: 30 Jul 2022 01:30

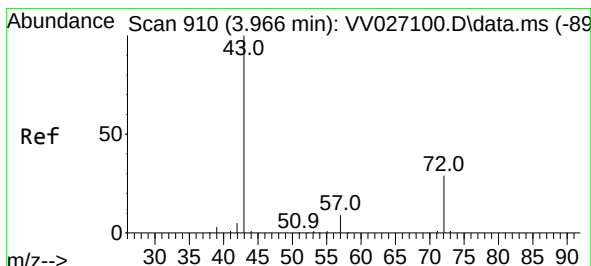
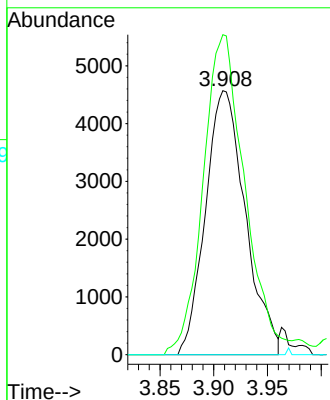
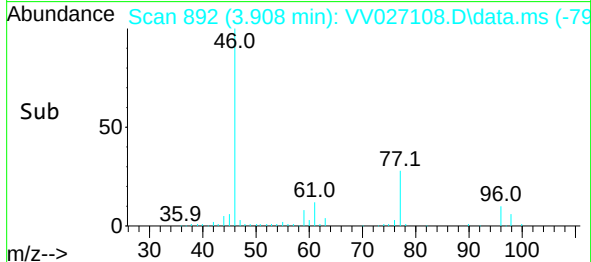
Instrument :
MSVOA_V
ClientSampleId :
EXF04



Tgt Ion: 96 Resp: 11789
Ion Ratio Lower Upper
96 100
61 121.2 81.8 151.8
68 0.0 0.0 0.0

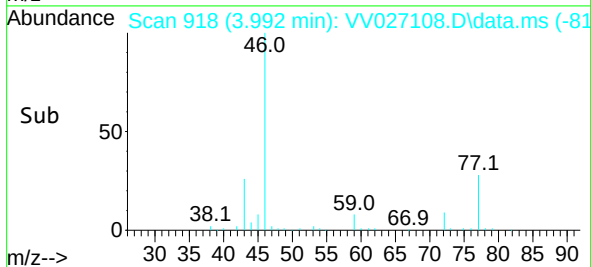
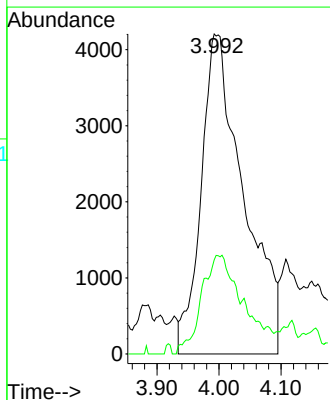
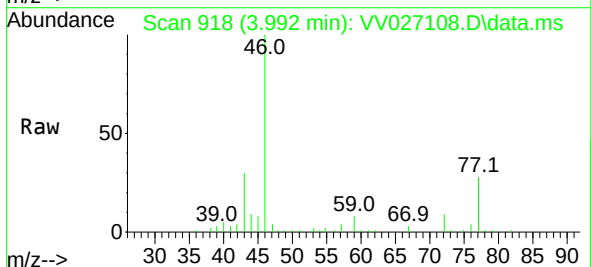
Manual Integrations
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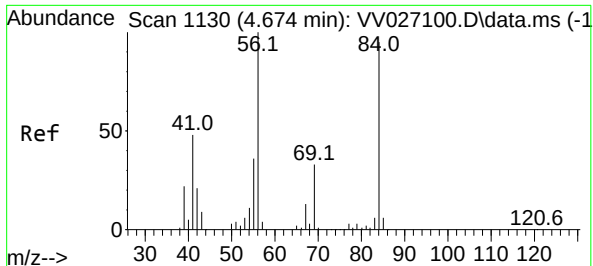
Reviewed By :Krupa Patel 08/01/2022
Supervised By :Mahesh Dadoda 08/02/2022



#22
2-Butanone
Concen: 7.375 ug/L m
RT: 3.992 min Scan# 918
Delta R.T. 0.026 min
Lab File: VV027108.D
Acq: 30 Jul 2022 01:30

Tgt Ion: 43 Resp: 20079
Ion Ratio Lower Upper
43 100
72 5.0 11.9 35.7#





#29

Cyclohexane

Concen: 6.213 ug/L

RT: 4.670 min Scan# 1129

Delta R.T. -0.003 min

Lab File: VV027108.D

Acq: 30 Jul 2022 01:30

Instrument :

MSVOA_V

ClientSampleId :

EXF04

Tgt Ion: 56 Resp: 41862

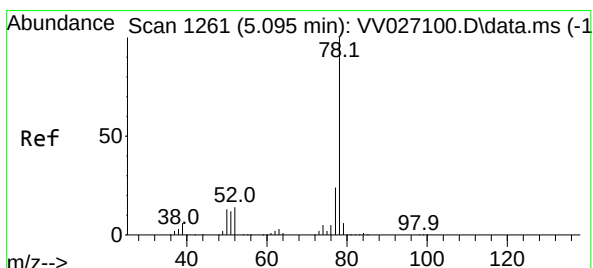
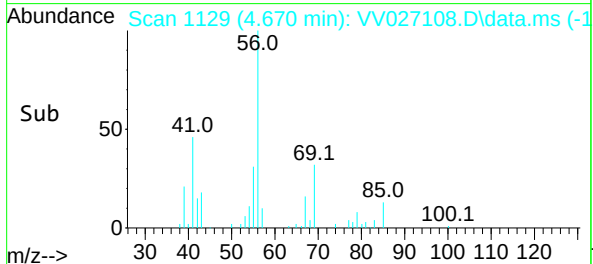
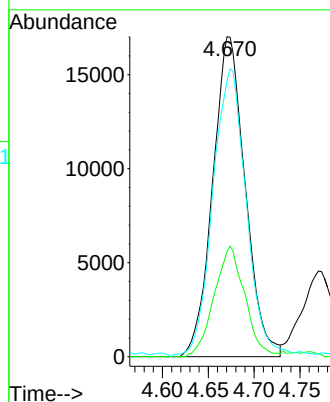
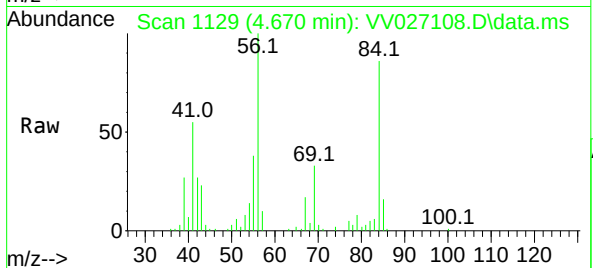
Ion	Ratio	Lower	Upper
56	100		
69	32.5	25.9	38.9
84	92.7	75.3	112.9

Manual Integrations

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#33

Benzene

Concen: 1231.824 ug/L m

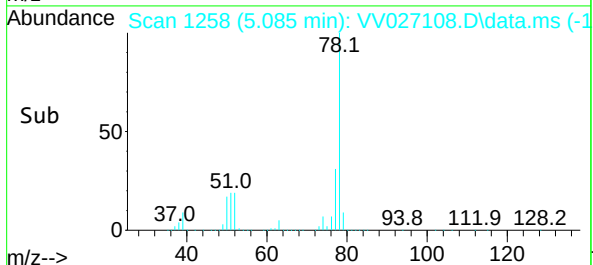
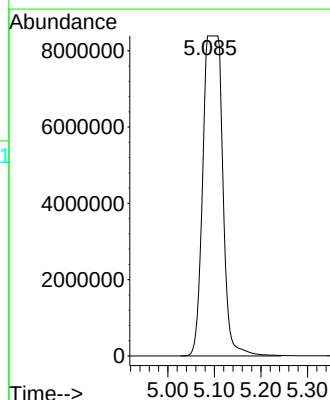
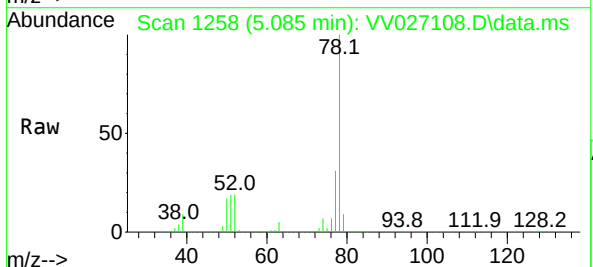
RT: 5.085 min Scan# 1258

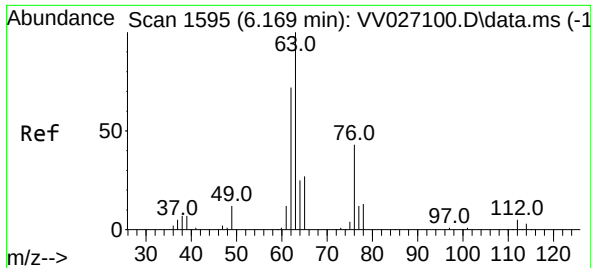
Delta R.T. -0.010 min

Lab File: VV027108.D

Acq: 30 Jul 2022 01:30

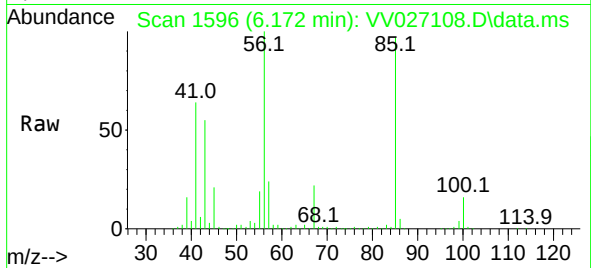
Tgt Ion: 78 Resp:24893087





#37
1,2-Dichloropropane
Concen: 2.116 ug/L
RT: 6.172 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV027108.D
Acq: 30 Jul 2022 01:30

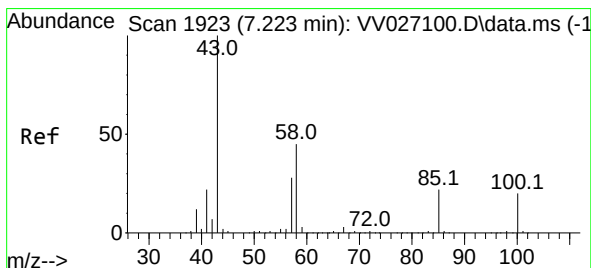
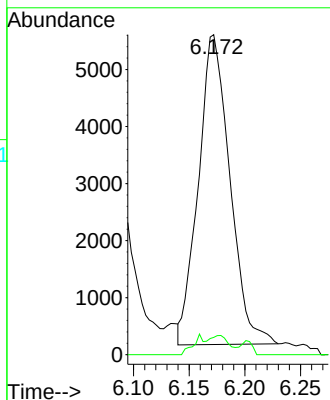
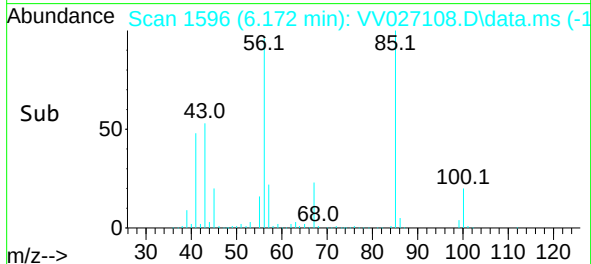
Instrument :
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EXF04



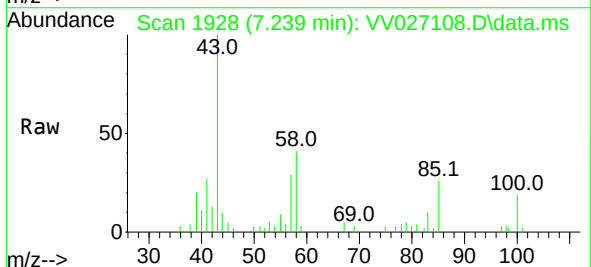
Tgt Ion: 63 Resp: 10700
Ion Ratio Lower Upper
63 100
112 4.1 3.7 5.5

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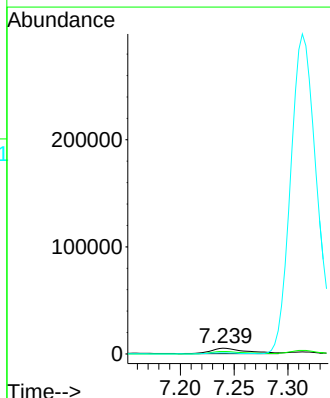
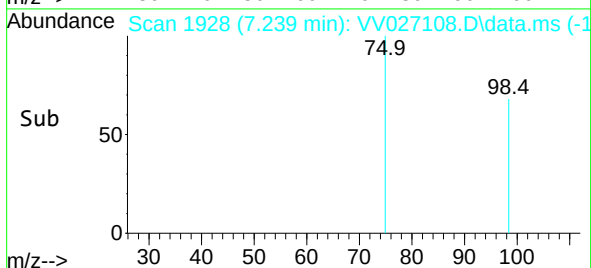
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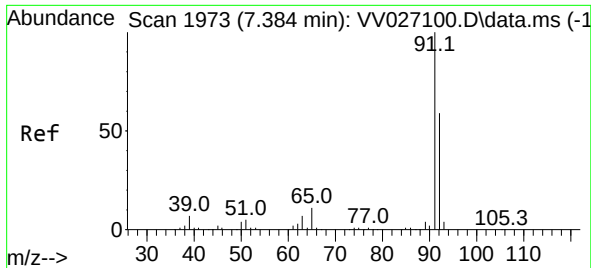


#40
4-Methyl-2-pentanone
Concen: 1.751 ug/L
RT: 7.239 min Scan# 1928
Delta R.T. 0.016 min
Lab File: VV027108.D
Acq: 30 Jul 2022 01:30



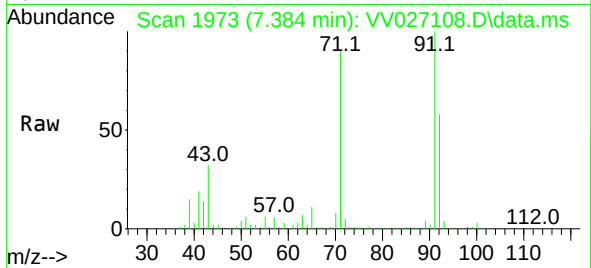
Tgt Ion: 43 Resp: 11204
Ion Ratio Lower Upper
43 100
58 43.3 35.3 52.9
100 17.4 15.7 23.5





#42
Toluene
Concen: 85.602 ug/L
RT: 7.384 min Scan# 1973
Delta R.T. 0.000 min
Lab File: VV027108.D
Acq: 30 Jul 2022 01:30

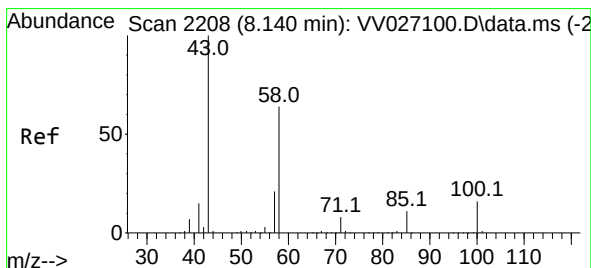
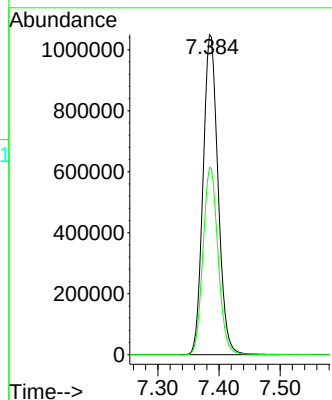
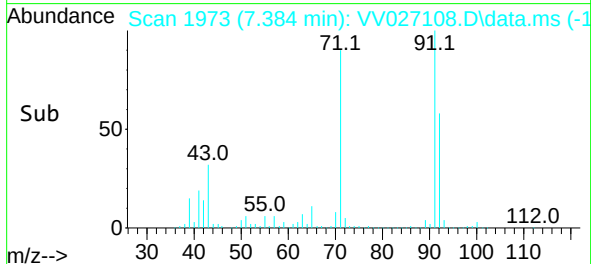
Instrument :
MSVOA_V
ClientSampleId :
EXF04



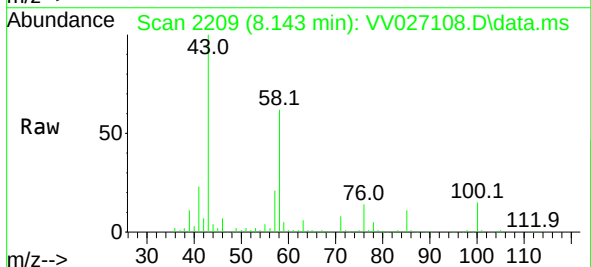
Tgt Ion: 91 Resp: 1783560
Ion Ratio Lower Upper
91 100
92 58.5 40.9 76.0

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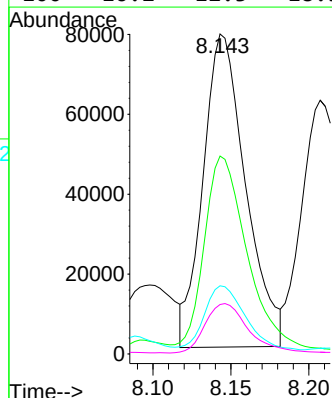
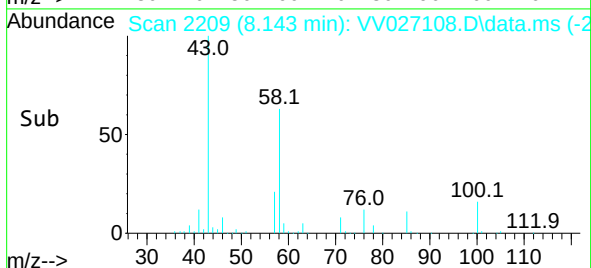
Reviewed By :Krupa Patel 08/01/2022
Supervised By :Mahesh Dadoda 08/02/2022

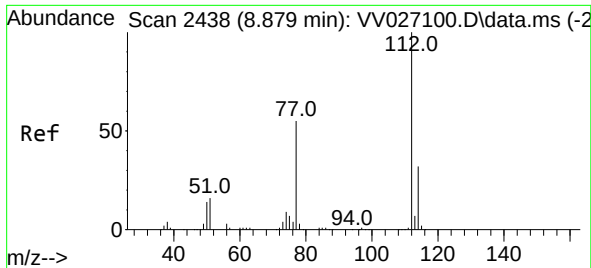


#48
2-Hexanone
Concen: 29.564 ug/L
RT: 8.143 min Scan# 2209
Delta R.T. 0.003 min
Lab File: VV027108.D
Acq: 30 Jul 2022 01:30



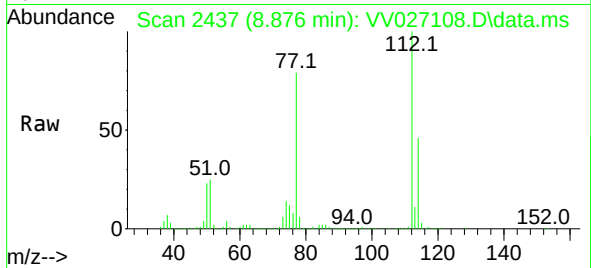
Tgt Ion: 43 Resp: 149037
Ion Ratio Lower Upper
43 100
58 65.5 50.8 76.2
57 21.7 17.1 25.7
100 16.2 12.3 18.5





#51
Chlorobenzene
Concen: 1648.208 ug/L m
RT: 8.876 min Scan# 2438
Delta R.T. -0.003 min
Lab File: VV027108.D
Acq: 30 Jul 2022 01:30

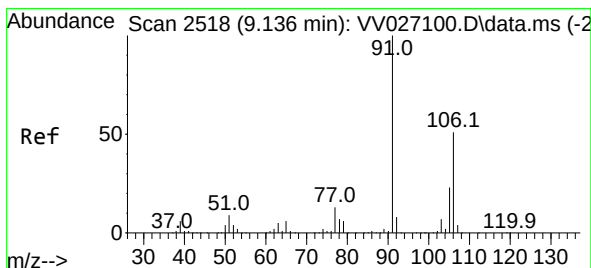
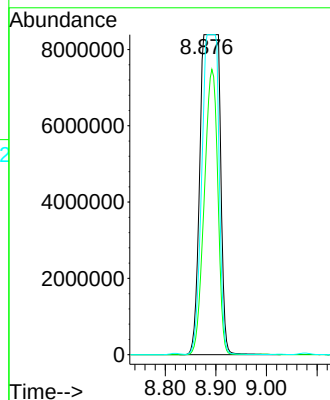
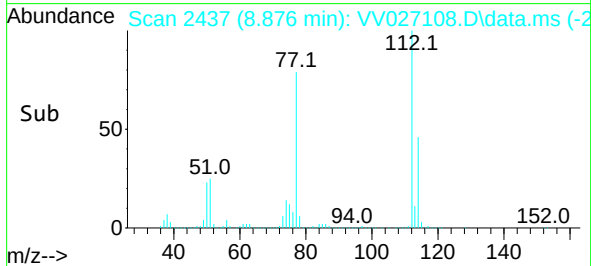
Instrument :
MSVOA_V
ClientSampleId :
EXF04



Tgt Ion:112 Resp:23159830
Ion Ratio Lower Upper
112 100
114 46.4 22.8 42.4
77 78.8 44.2 66.2

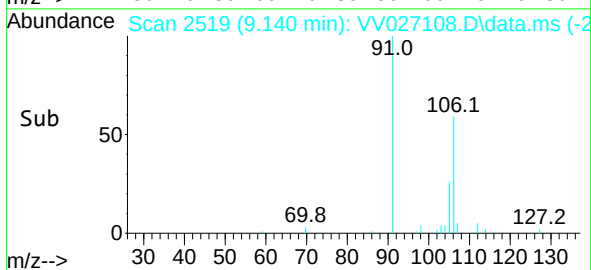
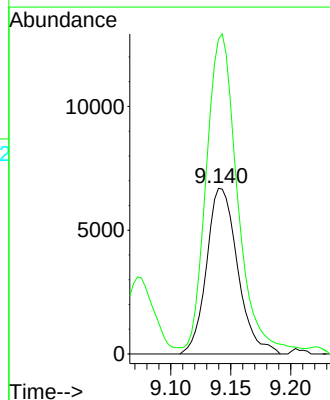
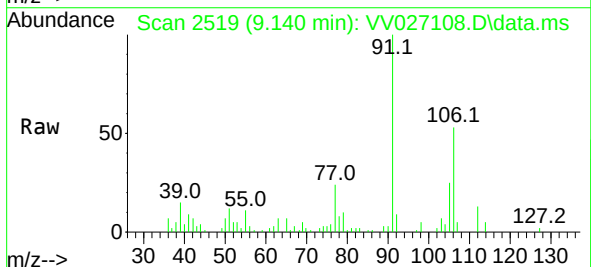
Manual Integrations
APPROVED

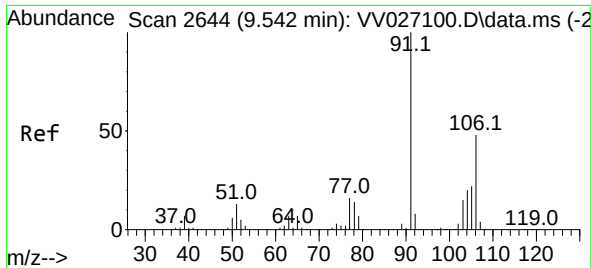
Reviewed By :Krupa Patel 08/01/2022
Supervised By :Mahesh Dadoda 08/02/2022



#53
m,p-Xylene
Concen: 1.453 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.003 min
Lab File: VV027108.D
Acq: 30 Jul 2022 01:30

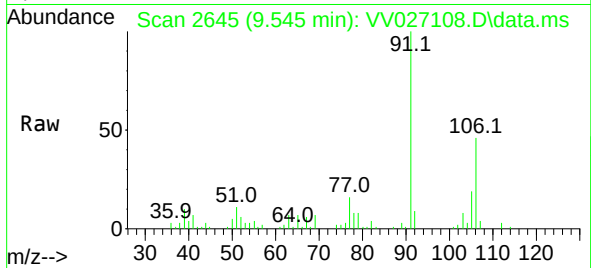
Tgt Ion:106 Resp: 12056
Ion Ratio Lower Upper
106 100
91 190.1 137.5 255.3





#54
o-Xylene
Concen: 1.494 ug/L
RT: 9.545 min Scan# 20
Delta R.T. 0.003 min
Lab File: VV027108.D
Acq: 30 Jul 2022 01:30

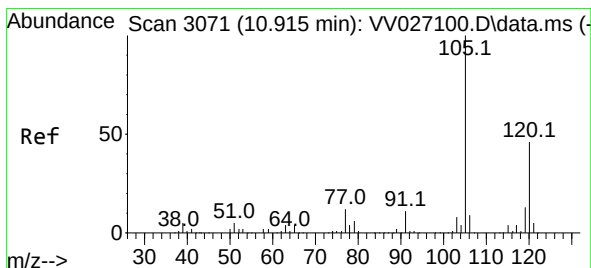
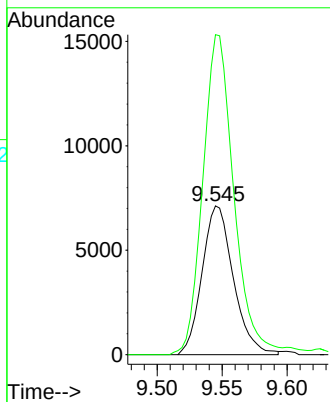
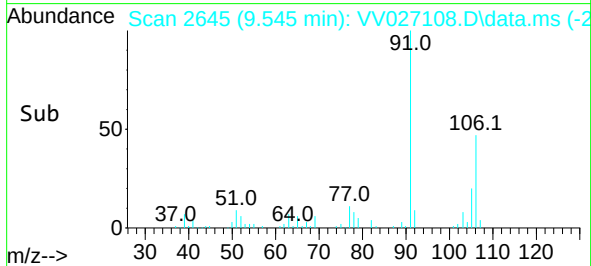
Instrument :
MSVOA_V
ClientSampleId :
EXF04



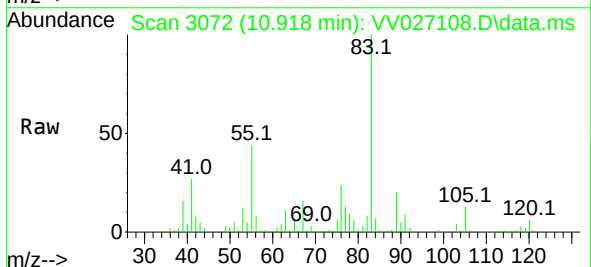
Tgt Ion:106 Resp: 11938
Ion Ratio Lower Upper
106 100
91 215.2 146.6 272.2

Manual Integrations
APPROVED

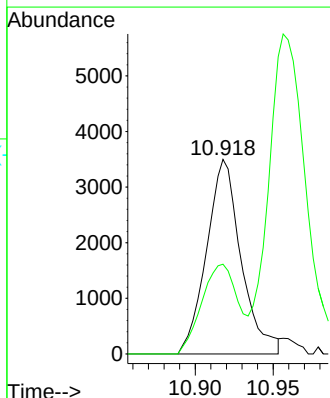
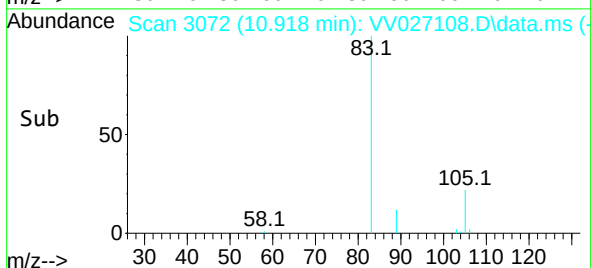
Reviewed By :Krupa Patel 08/01/2022
Supervised By :Mahesh Dadoda 08/02/2022

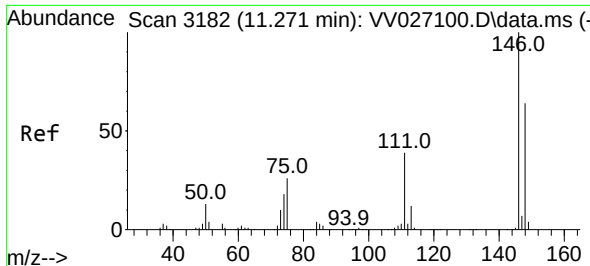


#63
1,2,4-Trimethylbenzene
Concen: 0.745 ug/L
RT: 10.918 min Scan# 3072
Delta R.T. 0.003 min
Lab File: VV027108.D
Acq: 30 Jul 2022 01:30



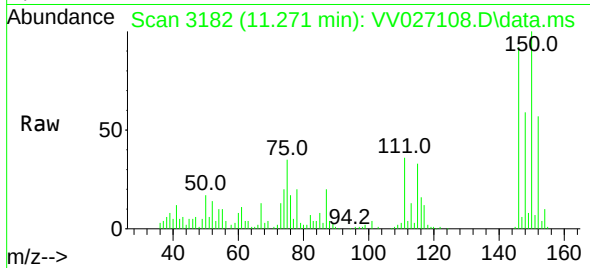
Tgt Ion:105 Resp: 5389
Ion Ratio Lower Upper
105 100
120 48.7 37.0 55.6





#65
1,4-Dichlorobenzene
Concen: 4.309 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. 0.000 min
Lab File: VV027108.D
Acq: 30 Jul 2022 01:30

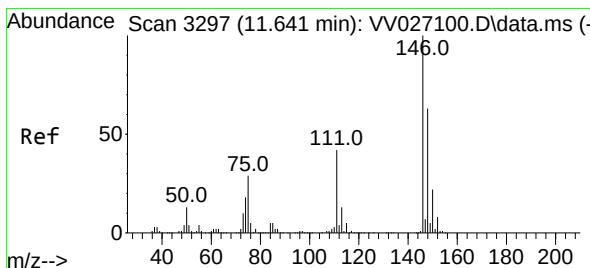
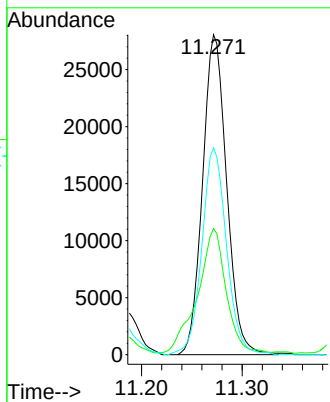
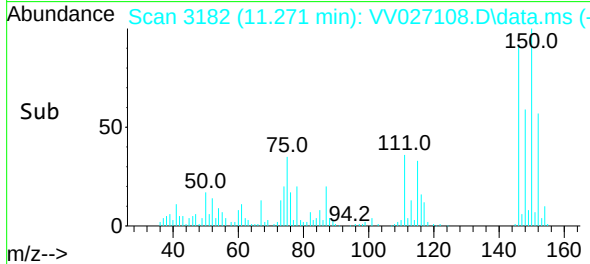
Instrument :
MSVOA_V
ClientSampleId :
EXF04



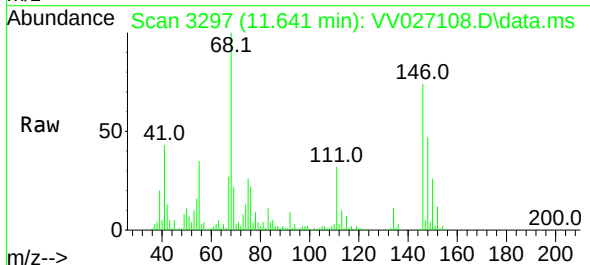
Tgt Ion:146 Resp: 46650
Ion Ratio Lower Upper
146 100
111 39.4 27.4 51.0
148 64.6 44.6 82.8

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 08/01/2022
Supervised By :Mahesh Dadoda 08/02/2022



#67
1,2-Dichlorobenzene
Concen: 39.226 ug/L
RT: 11.641 min Scan# 3297
Delta R.T. 0.000 min
Lab File: VV027108.D
Acq: 30 Jul 2022 01:30



Tgt Ion:146 Resp: 420954
Ion Ratio Lower Upper
146 100
111 42.8 34.0 51.0
148 63.7 50.5 75.7

