

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW072922\
 Data File : VW027111.D
 Acq On : 30 Jul 2022 02:43
 Operator : SY/MD
 Sample : N3956-10
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EXF07

Quant Time: Jul 30 04:30:21 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	667956	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	668213	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	352235	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	203055	31.953	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	63.900%		
7) Chloroethane-d5	1.564	69	170503	33.864	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	67.720%#		
11) 1,1-Dichloroethene-d2	2.101	63	289947	26.801	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	53.600%#		
21) 2-Butanone-d5	3.886	46	214980	59.329	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	59.330%		
24) Chloroform-d	4.342	84	420353	36.727	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	73.460%		
26) 1,2-Dichloroethane-d4	5.027	65	257107	39.573	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	79.140%		
32) Benzene-d6	5.046	84	924595	39.403	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	78.800%		
36) 1,2-Dichloropropane-d6	6.066	67	283018	39.407	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	78.820%		
41) Toluene-d8	7.313	98	824882	38.892	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	77.780%#		
43) trans-1,3-Dichloroprop...	7.619	79	128012	40.350	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	80.700%		
47) 2-Hexanone-d5	8.088	63	269008	87.129	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	87.130%		
56) 1,1,2,2-Tetrachloroeth...	10.213	84	401096	37.040	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	74.080%		
66) 1,2-Dichlorobenzene-d4	11.622	152	317006	40.035	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	80.080%		
Target Compounds						Qvalue
5) Vinyl chloride	1.307	62	126307	18.785	ug/L	97
13) Acetone	2.178	43	7685	2.863	ug/L	63
14) Carbon disulfide	2.288	76	27788	1.800	ug/L	95
17) trans-1,2-Dichloroethene	2.757	96	9453	1.775	ug/L	92
19) 1,1-Dichloroethane	3.185	63	52544	5.649	ug/L	99
20) cis-1,2-Dichloroethene	3.911	96	8677	1.575	ug/L	90
29) Cyclohexane	4.677	56	23814	3.317	ug/L	99
33) Benzene	5.088	78	21709047m	1008.113	ug/L	
35) Methylcyclohexane	6.127	83	19907	2.408	ug/L	91
42) Toluene	7.384	91	1327148	59.774	ug/L	98
51) Chlorobenzene	8.876	112	18652166m	1245.674	ug/L	
52) Ethylbenzene	9.011	91	145196	6.458	ug/L	99
53) m,p-Xylene	9.140	106	84944	9.606	ug/L	99
54) o-Xylene	9.541	106	91535	10.749	ug/L	94
62) 1,3,5-Trimethylbenzene	10.538	105	12227	1.300	ug/L	99
63) 1,2,4-Trimethylbenzene	10.914	105	54295	7.232	ug/L	98
65) 1,4-Dichlorobenzene	11.271	146	49566	4.408	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	205371	18.429	ug/L	100

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Misc : 5.0mL/MSVOA_V/WATER
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Instrument :
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EXF07

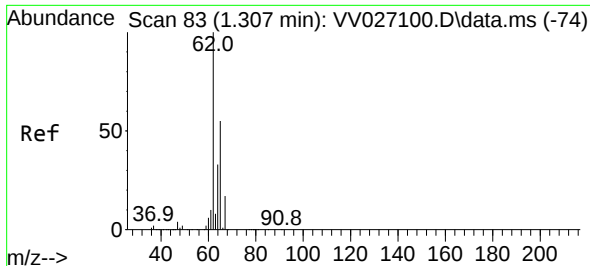
Manual Integrations
APPROVED

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

Quant Time: Jul 30 04:30:21 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072822WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jul 30 01:28:32 2022
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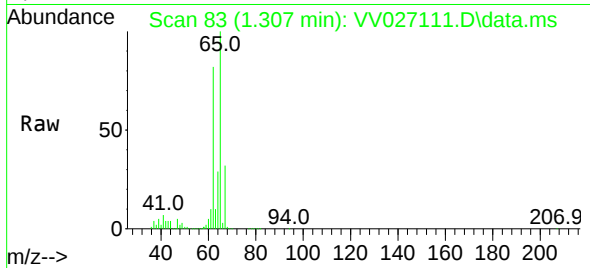
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#5
 Vinyl chloride
 Concen: 18.785 ug/L
 RT: 1.307 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VV027111.D
 Acq: 30 Jul 2022 02:43

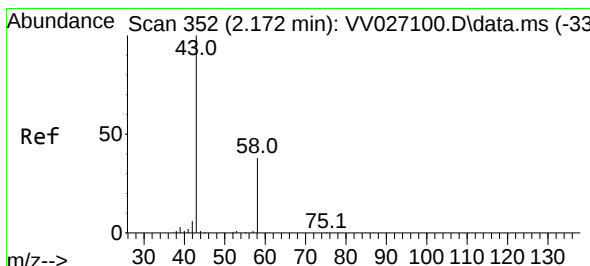
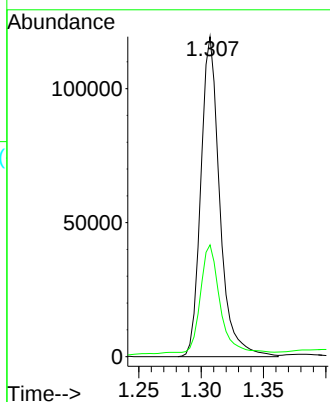
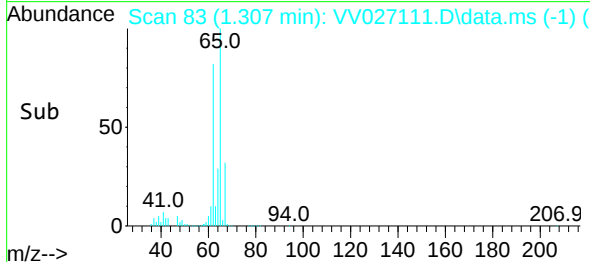
Instrument :
 MSVOA_V
 ClientSampleId :
 EXF07



Tgt Ion: 62 Resp: 12630
 Ion Ratio Lower Upper
 62 100
 64 35.0 23.2 43.2

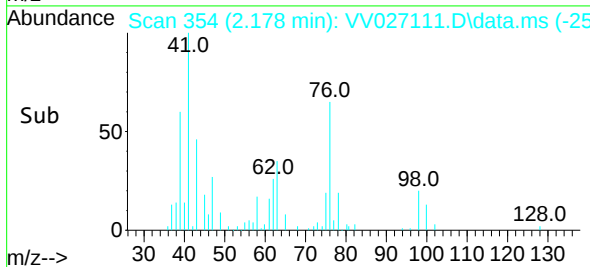
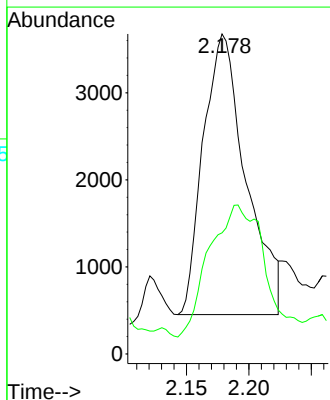
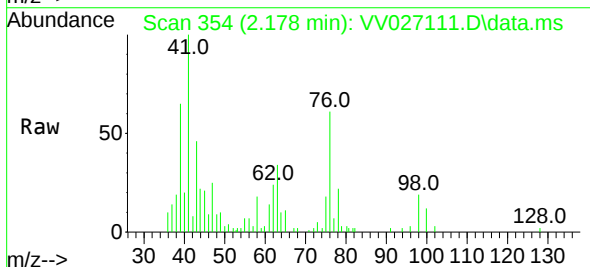
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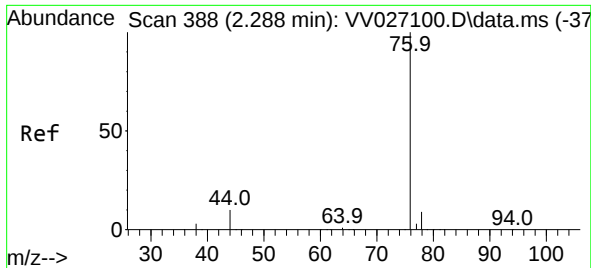
Reviewed By :Krupa Patel 08/01/2022
 Supervised By :Mahesh Dadoda 08/02/2022



#13
 Acetone
 Concen: 2.863 ug/L
 RT: 2.178 min Scan# 354
 Delta R.T. 0.006 min
 Lab File: VV027111.D
 Acq: 30 Jul 2022 02:43

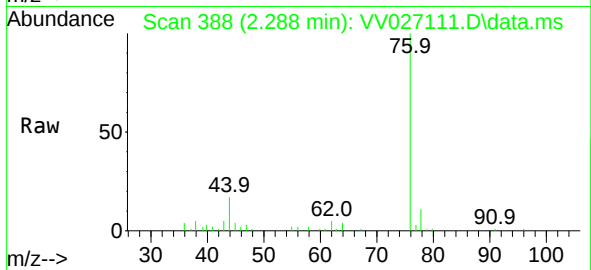
Tgt Ion: 43 Resp: 7685
 Ion Ratio Lower Upper
 43 100
 58 43.3 0.0 49.6





#14
Carbon disulfide
Concen: 1.800 ug/L
RT: 2.288 min Scan# 388
Delta R.T. -0.000 min
Lab File: VV027111.D
Acq: 30 Jul 2022 02:43

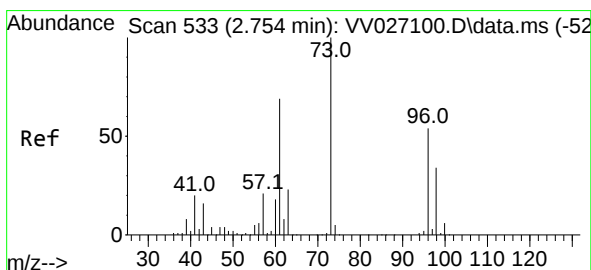
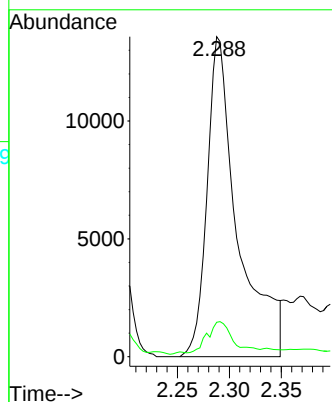
Instrument :
MSVOA_V
ClientSampleId :
EXF07



Tgt Ion: 76 Resp: 2778
Ion Ratio Lower Upper
76 100
78 10.7 7.3 10.9

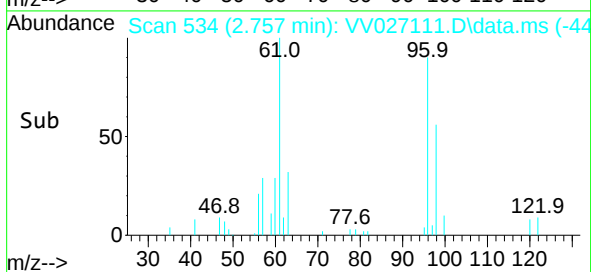
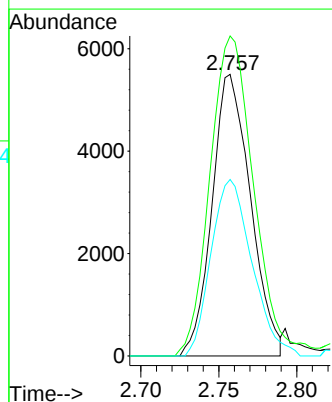
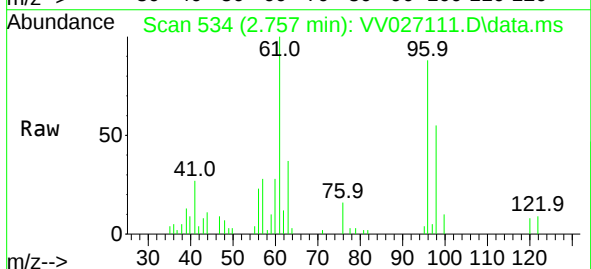
Manual Integrations
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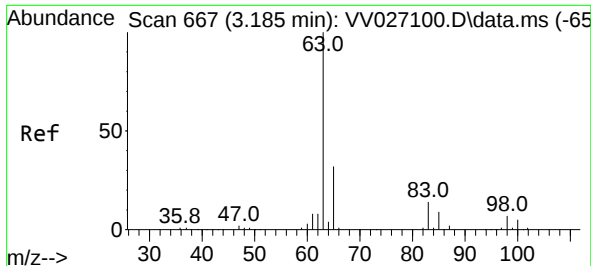
Reviewed By :Krupa Patel 08/01/2022
Supervised By :Mahesh Dadoda 08/02/2022



#17
trans-1,2-Dichloroethene
Concen: 1.775 ug/L
RT: 2.757 min Scan# 534
Delta R.T. 0.003 min
Lab File: VV027111.D
Acq: 30 Jul 2022 02:43

Tgt Ion: 96 Resp: 9453
Ion Ratio Lower Upper
96 100
61 113.7 89.2 165.6
98 62.7 44.6 82.8





#19

1,1-Dichloroethane

Concen: 5.649 ug/L

RT: 3.185 min Scan# 60

Delta R.T. -0.000 min

Lab File: VV027111.D

Acq: 30 Jul 2022 02:43

Instrument :

MSVOA_V

ClientSampleId :

EXF07

Tgt Ion: 63 Resp: 52544

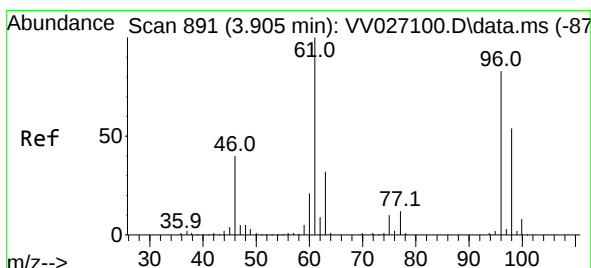
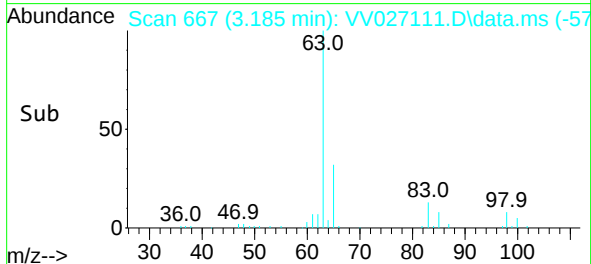
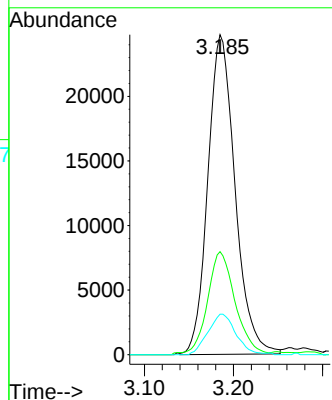
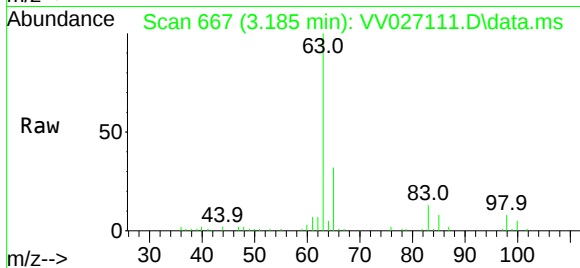
Ion	Ratio	Lower	Upper
63	100		
65	32.2	22.7	42.3
83	12.7	9.5	17.7

Manual Integrations

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Supervised By :Mahesh Dadoda 08/02/2022



#20

cis-1,2-Dichloroethene

Concen: 1.575 ug/L

RT: 3.911 min Scan# 893

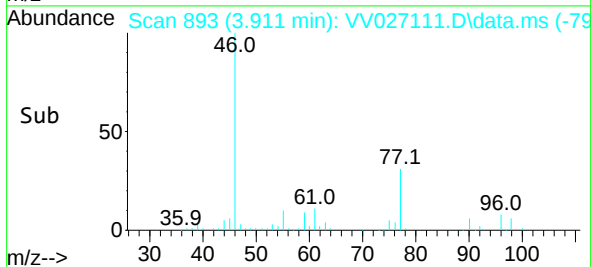
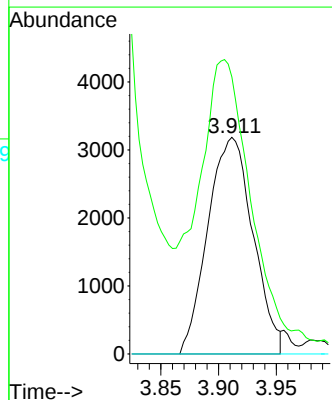
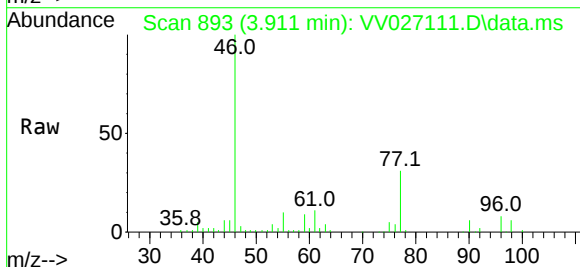
Delta R.T. 0.006 min

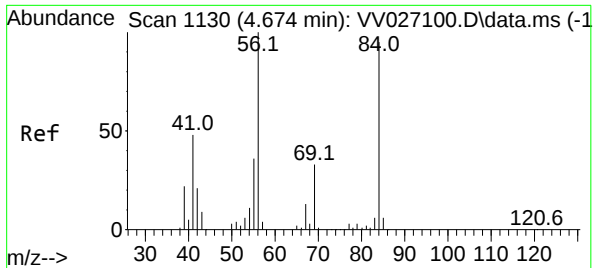
Lab File: VV027111.D

Acq: 30 Jul 2022 02:43

Tgt Ion: 96 Resp: 8677

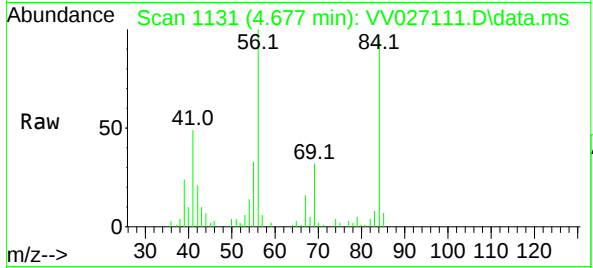
Ion	Ratio	Lower	Upper
96	100		
61	127.9	81.8	151.8
68	0.0	0.0	0.0





#29
Cyclohexane
Concen: 3.317 ug/L
RT: 4.677 min Scan# 1130
Delta R.T. 0.003 min
Lab File: VV027111.D
Acq: 30 Jul 2022 02:43

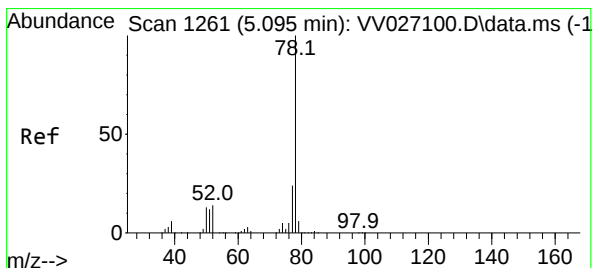
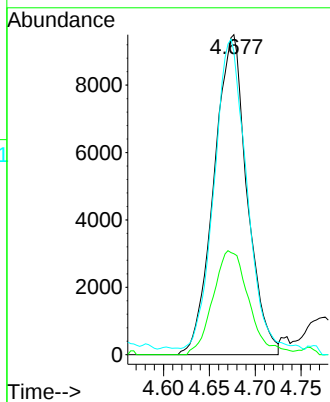
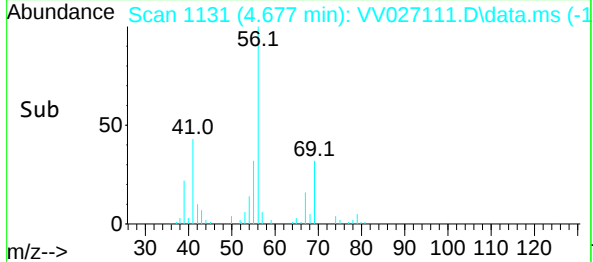
Instrument :
MSVOA_V
ClientSampleId :
EXF07



Tgt Ion: 56 Resp: 23814
Ion Ratio Lower Upper
56 100
69 34.0 25.9 38.9
84 93.4 75.3 112.9

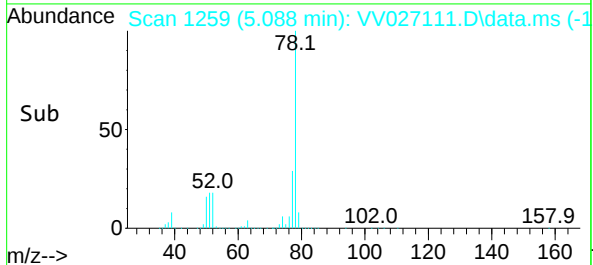
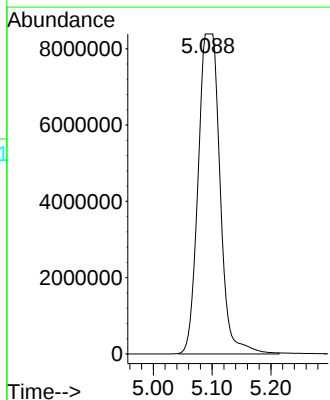
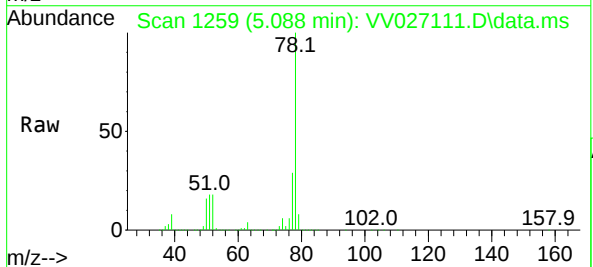
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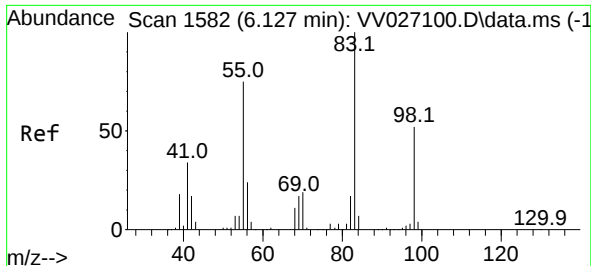
Reviewed By :Krupa Patel 08/01/2022
Supervised By :Mahesh Dadoda 08/02/2022



#33
Benzene
Concen: 1008.113 ug/L m
RT: 5.088 min Scan# 1259
Delta R.T. -0.007 min
Lab File: VV027111.D
Acq: 30 Jul 2022 02:43

Tgt Ion: 78 Resp:21709047





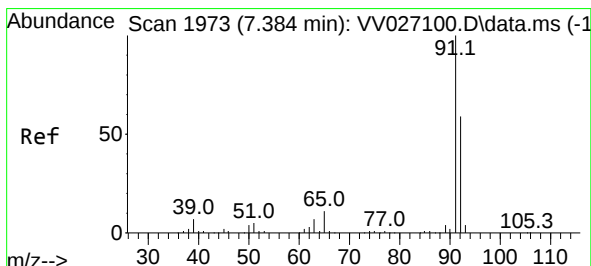
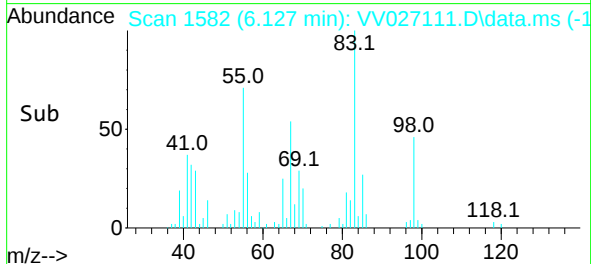
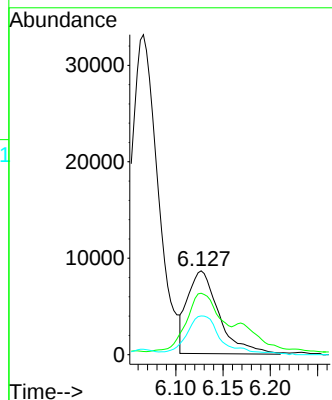
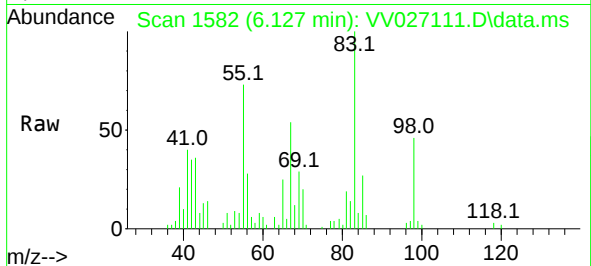
#35
Methylcyclohexane
Concen: 2.408 ug/L
RT: 6.127 min Scan# 1582
Delta R.T. -0.000 min
Lab File: VV027111.D
Acq: 30 Jul 2022 02:43

Instrument :
MSVOA_V
ClientSampleId :
EXF07

Tgt Ion: 83 Resp: 1990
Ion Ratio Lower Upper
83 100
55 74.9 55.5 83.3
98 40.4 39.0 58.4

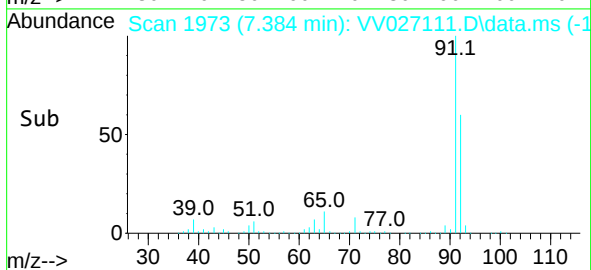
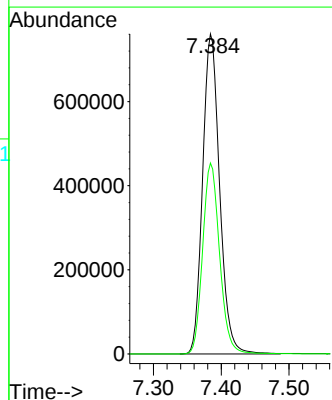
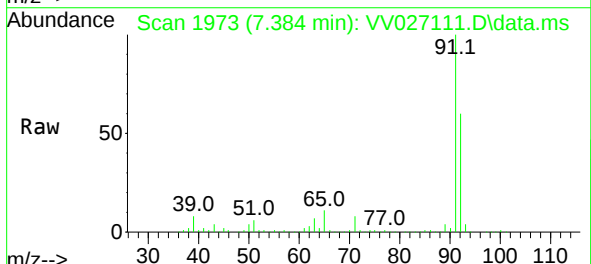
Manual Integrations
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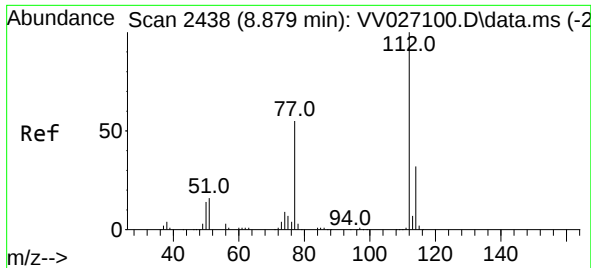
Reviewed By :Krupa Patel 08/01/2022
Supervised By :Mahesh Dadoda 08/02/2022



#42
Toluene
Concen: 59.774 ug/L
RT: 7.384 min Scan# 1973
Delta R.T. -0.000 min
Lab File: VV027111.D
Acq: 30 Jul 2022 02:43

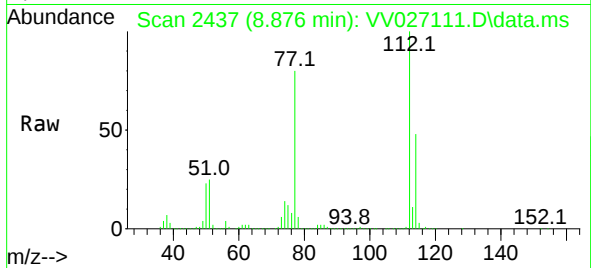
Tgt Ion: 91 Resp: 1327148
Ion Ratio Lower Upper
91 100
92 59.6 40.9 76.0





#51
Chlorobenzene
Concen: 1245.674 ug/L m
RT: 8.876 min Scan# 2438
Delta R.T. -0.003 min
Lab File: VV027111.D
Acq: 30 Jul 2022 02:43

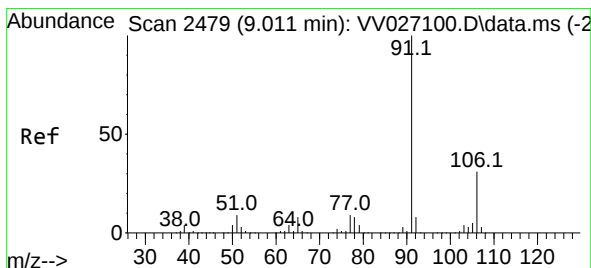
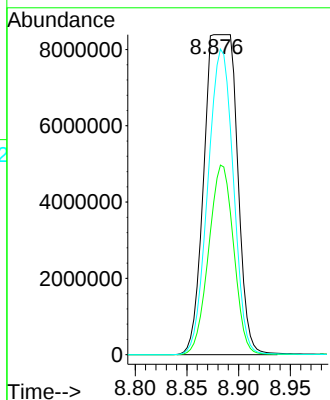
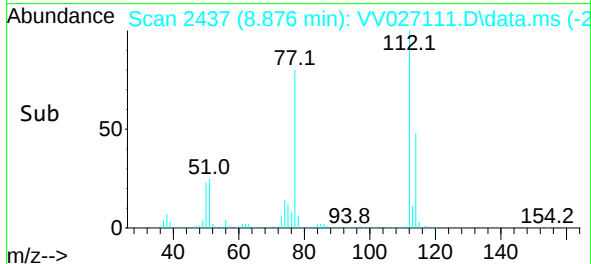
Instrument :
MSVOA_V
ClientSampleId :
EXF07



Tgt Ion: 112 Resp: 1865216
Ion Ratio Lower Upper
112 100
114 47.7 22.8 42.4
77 79.9 44.2 66.2

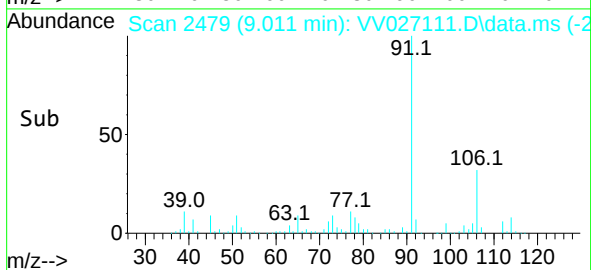
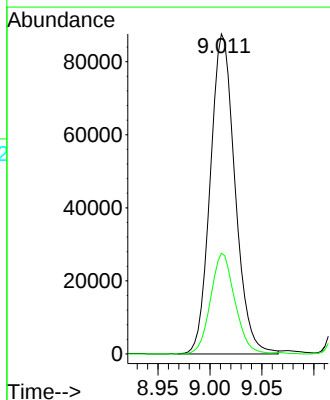
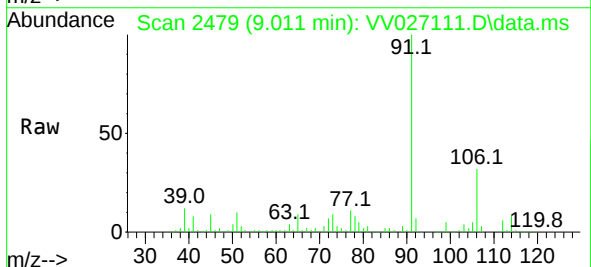
Manual Integrations
APPROVED

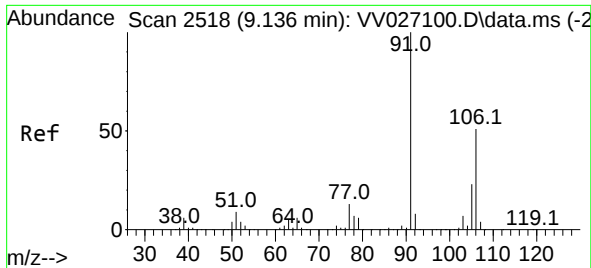
Reviewed By :Krupa Patel 08/01/2022
Supervised By :Mahesh Dadoda 08/02/2022



#52
Ethylbenzene
Concen: 6.458 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. -0.000 min
Lab File: VV027111.D
Acq: 30 Jul 2022 02:43

Tgt Ion: 91 Resp: 145196
Ion Ratio Lower Upper
91 100
106 31.5 21.8 40.6





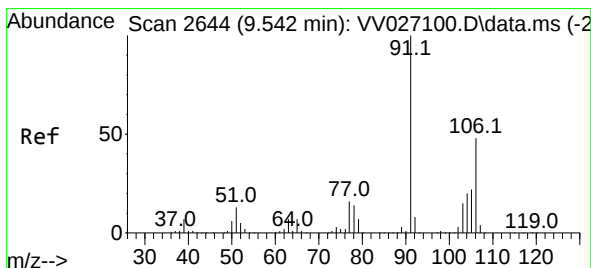
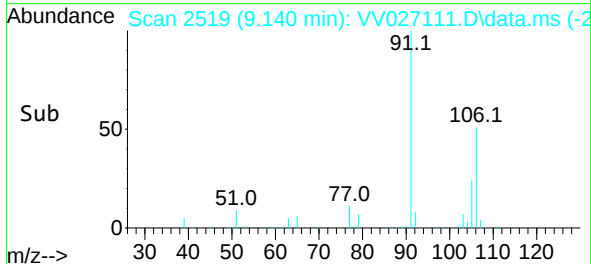
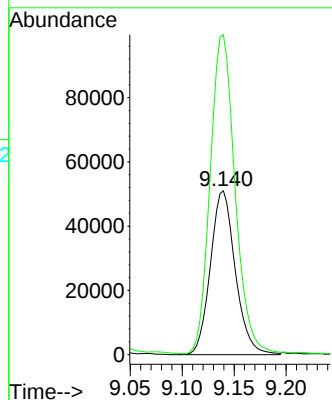
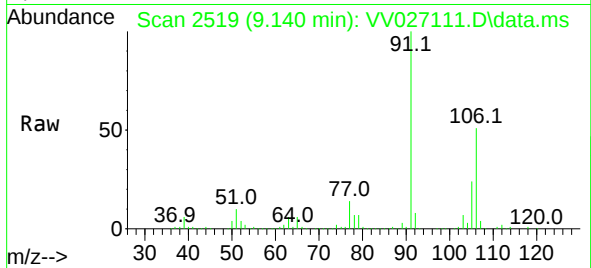
#53
m,p-Xylene
Concen: 9.606 ug/L
RT: 9.140 min Scan# 2518
Delta R.T. 0.003 min
Lab File: VV027111.D
Acq: 30 Jul 2022 02:43

Instrument :
MSVOA_V
ClientSampleId :
EXF07

Tgt Ion:106 Resp: 84944
Ion Ratio Lower Upper
106 100
91 195.4 137.5 255.3

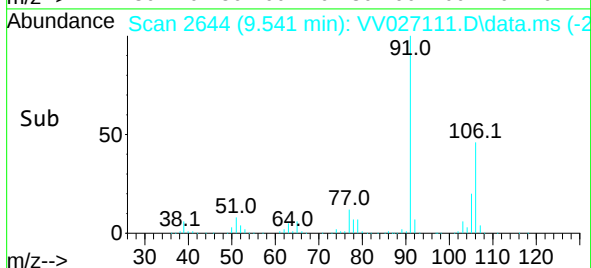
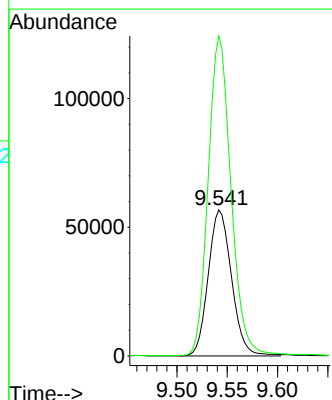
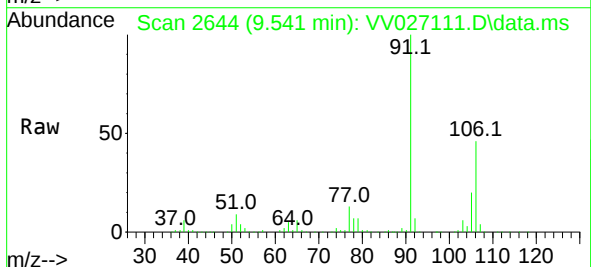
Manual Integrations
APPROVED

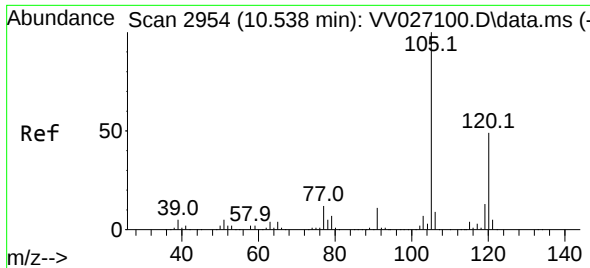
Reviewed By :Krupa Patel 08/01/2022
Supervised By :Mahesh Dadoda 08/02/2022



#54
o-Xylene
Concen: 10.749 ug/L
RT: 9.541 min Scan# 2644
Delta R.T. -0.000 min
Lab File: VV027111.D
Acq: 30 Jul 2022 02:43

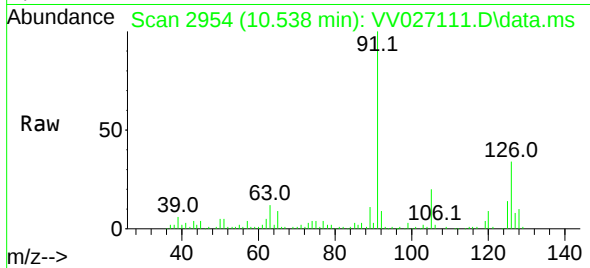
Tgt Ion:106 Resp: 91535
Ion Ratio Lower Upper
106 100
91 219.1 146.6 272.2





#62
1,3,5-Trimethylbenzene
Concen: 1.300 ug/L
RT: 10.538 min Scan# 2954
Delta R.T. -0.000 min
Lab File: VV027111.D
Acq: 30 Jul 2022 02:43

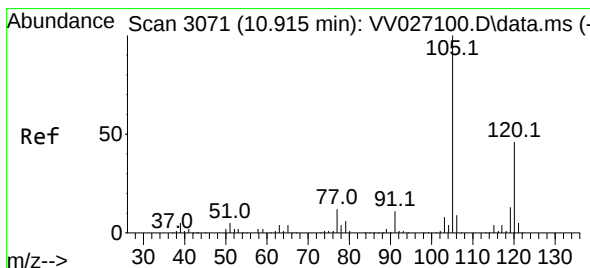
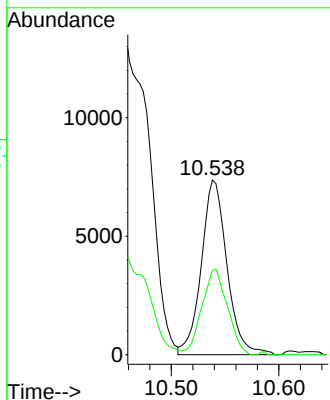
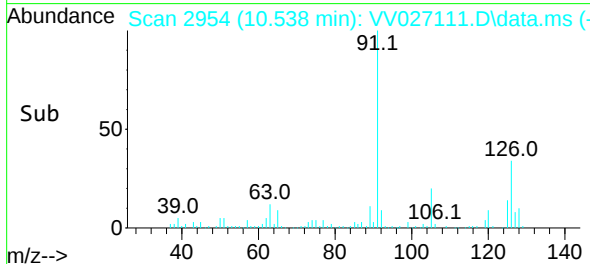
Instrument :
MSVOA_V
ClientSampleId :
EXF07



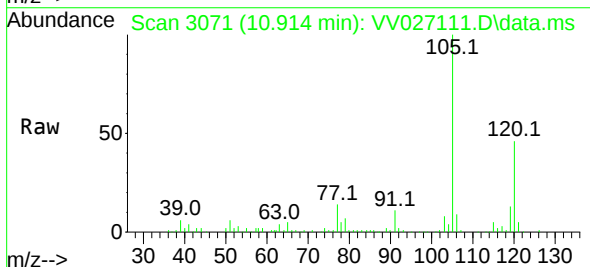
Tgt Ion:105 Resp: 1222
Ion Ratio Lower Upper
105 100
120 48.5 39.3 58.9

Manual Integrations
APPROVED

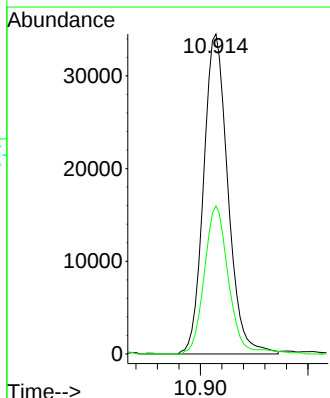
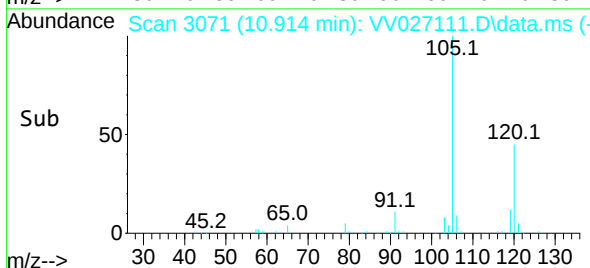
Reviewed By :Krupa Patel 08/01/2022
Supervised By :Mahesh Dadoda 08/02/2022

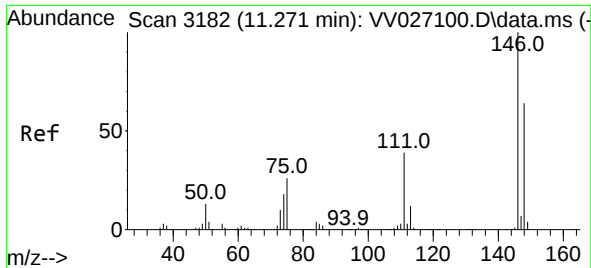


#63
1,2,4-Trimethylbenzene
Concen: 7.232 ug/L
RT: 10.914 min Scan# 3071
Delta R.T. -0.000 min
Lab File: VV027111.D
Acq: 30 Jul 2022 02:43



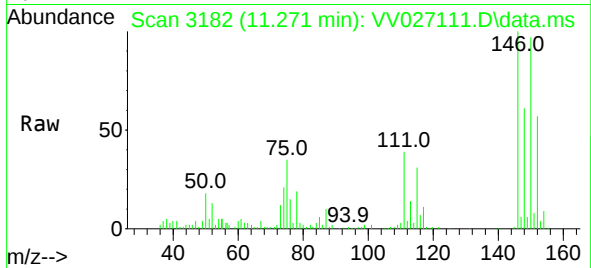
Tgt Ion:105 Resp: 54295
Ion Ratio Lower Upper
105 100
120 45.0 37.0 55.6





#65
1,4-Dichlorobenzene
Concen: 4.408 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. -0.000 min
Lab File: VV027111.D
Acq: 30 Jul 2022 02:43

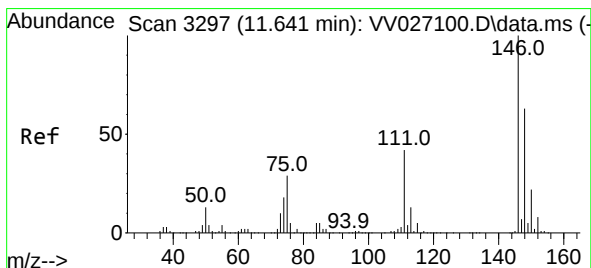
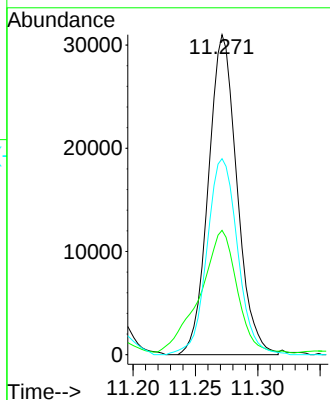
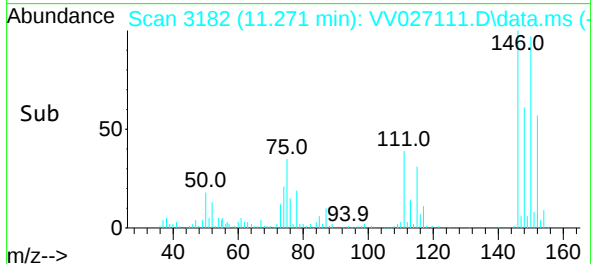
Instrument :
MSVOA_V
ClientSampleId :
EXF07



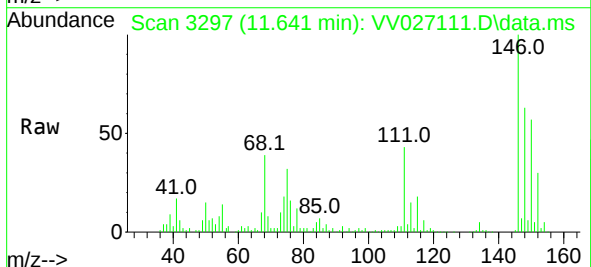
Tgt Ion:146 Resp: 49560
Ion Ratio Lower Upper
146 100
111 38.9 27.4 51.0
148 61.3 44.6 82.8

Manual Integrations
APPROVED

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



#67
1,2-Dichlorobenzene
Concen: 18.429 ug/L
RT: 11.641 min Scan# 3297
Delta R.T. -0.000 min
Lab File: VV027111.D
Acq: 30 Jul 2022 02:43



Tgt Ion:146 Resp: 205371
Ion Ratio Lower Upper
146 100
111 42.9 34.0 51.0
148 63.1 50.5 75.7

